Q
1
S312
AUTHOR INDEX
JAN/JUN
1994
4IC
REF
INDEX
NON-CIRC

REFERENCE PAMPHLET 501-9

Electrical & Electronics Abstracts

ISSN 0036-8105

Science Abstracts Series B
January – June 1994

U.I.C.
SEP 26 1994
LIBRARY

Author Index
Book index
Conference index
Corporate author index

inspec

SIX-MONTHLY INDEXES TO ELECTRICAL & ELECTRONICS ABSTRACTS

Twice a year as part of their subscription to Electrical & Electronics Abstracts, subscribers receive cumulative indexes for the periods January-June and July-December. Each index is in two parts – a Subject Index, and an Author Index which comprises personal and corporate author indexes, and indexes to conferences and book titles. The List of Journals abstracted by INSPEC is also included with the July-December issue of the Author index, while the supplement to that List is included with the January-June issue. Cumulative indexes for earlier years are also available: for details please see the inside back cover.

Author index

This lists in alphabetical order all authors of papers abstracted in Electrical & Electronics Abstracts in the six-month period covered by the index. The title of the paper is included with the entry for the first-named author. The abstract number of the papers is referred to in the form 12345, i.e. abstract 12345 of the year covered by the index.

Book index

This lists the titles of books abstracted in Electrical & Electronics Abstracts in the six months covered by the index. Most books are abstracted as a single monograph but where appropriate individual chapters may also be abstracted. Where this is so the abstract of the book itself is indicated by *(introductory abstract).*

Conference index

This index lists conferences for which published proceedings have been abstracted in the six-month period. Conferences reported in journals are also included in this list. The abstract relating to the conference itself is indicated by *(introductory abstract).* When papers from a conference appear in more than one publication there will be a corresponding number of entries in the index.

Corporate author index

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments.

ELECTRICAL & ELECTRONICS ABSTRACTS, ISSN 0036-8105, is published monthly by the Institution of Electrical Engineers in association with the Institute of Electrical and Electronics Engineers, Inc., 445 Hoes Lane, Piscataway, NJ 08855-1331. Second-Class postage paid at Piscataway, NJ. POSTMASTER: Send address changes to Electrical & Electronics Abstracts, INSPEC/IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08855-1331. Printed by Unwin Brothers Limited, The Gresham Press, Old Woking, Surrey, UK. The annual subscription rate is: USA $2195, Japan ¥325,000, ROW £1300. For full details of subscription rates and ordering procedures see inside back cover.

©1994. THE INSTITUTION OF ELECTRICAL ENGINEERS. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior permission of the Institution of Electrical Engineers.

Electrical & Electronics Abstracts

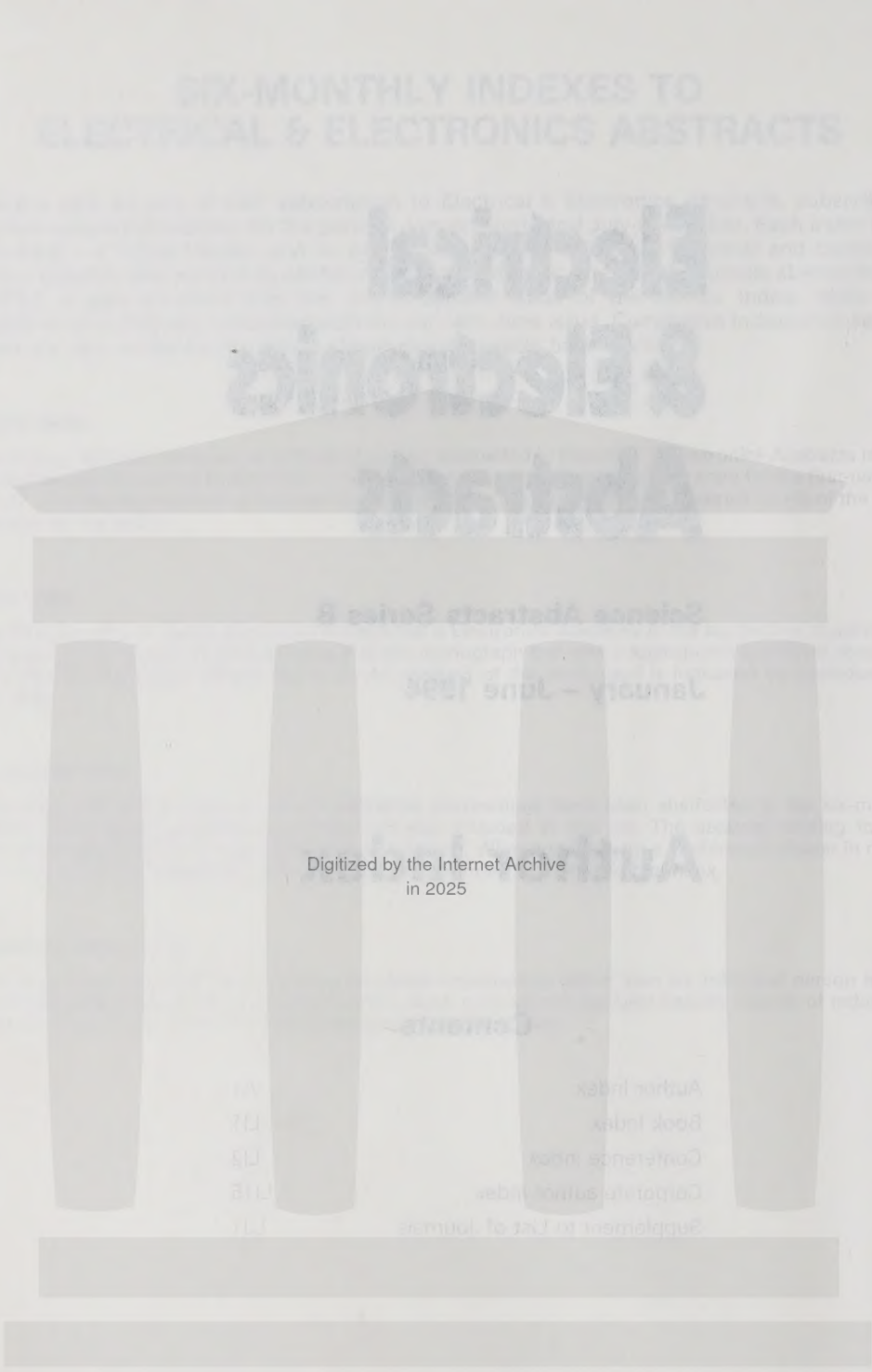
Science Abstracts Series B

January – June 1994

Author Index

Contents

Author Index	A1
Book Index	LI1
Conference index	LI2
Corporate author index	LI15
Supplement to List of Journals	LJ1



Digitized by the Internet Archive
in 2025

https://archive.org/details/science-abstracts-series-electrical-and-electronics-abstracts_january-june-1994_author-index

Author Index

A. Araujo, A.de *see* de A. Araujo, A.
Aagaard, J. *see* Rasmussen, H. 40033
Aagaard, M., Leeser, M. PBS: proven Boolean simplification 41849
Aagesen, F.A. A flow management architecture for B-ISDN 14282
A'ain, A.K.B., Bratt, A.H., Dorey, A.P. Testing analogue circuits by power supply voltage control 34188
Aakjer, T., Hedegaard Povlsen, J., Rottwitt, K. Effects of initial overlap in a wavelength-division-multiplexed soliton transmission system 23021
Aalfs, D.D., Baxa, E.G., Jr., Bracalente, E.M. Signal processing aspects of windshear detection 7570
Aalo, V.A., Viswanathan, R. Multilevel quantisation and fusion scheme for the decentralised detection of an unknown signal 36663
Aalto, H., Juhola, M., Pyykko, I. A measurement system of head movements for the vestibulo-ocular reflex 24142
Aaltonen, H., Klemola, S., Ugletveit, F. Validation of a method for computer calculation of germanium detector efficiencies 38838
Aaltonen, P. *see* Torronen, K. 16500
Aanandan, C.K. *see* Dey, S. 29324
Aanandan, C.K. *see* Dey, S. 36369
Aarnio, P.A., Huhtinen, M. Hadron fluxes in inner parts of LHC detectors 7224
Aarnio, P.A. *see* Huhtinen, M. 7219
Aarons, J. The longitudinal morphology of equatorial F-layer irregularities relevant to their occurrence 44362
Aarskog, A.I. LASVQ - an advanced digital speech coding method for communication on power lines 5705
Aarsvold, J.N. *see* Pan, X. 37038
Aarts, E. *see* Essink, G. 18781
Aarts, E.H.L. *see* van der Werf, A. 26599
Aarts, E.H.L. *see* van der Werf, A. 34117
Aarts, E.H.L. *see* Verhaegh, W.F.J. 26598
Aarts, H. *see* Schonfelder, V. 7146
Aartsen, C.S.van *see* van Aartsen, C.S.
Aas, T. *see* Dowell, D.H. 12255
Aase, S.O., Tanem, J.P., Ramstad, T.A. Image subband coding using short-kernel cosine modulated filter banks 13778
Aase, S.O. *see* Bever, M. 13561
Aatre, V.K. Sonars and ASW sensors 14723
Ababou, S. *see* Georgakilas, A. 740
Ababou, S. *see* Pogany, D. 15019
Abad, A. *see* Montoya, A. 6601
Abad, J., Duffo, N., Rius, J.M., Cruellas, J.C. Application of the boundary elements method to 3-D radiation problems 29083
Abadeer, W., Tonti, W., Hansch, W., Schwalke, U. Bias temperature reliability of n^+ and p^+ polysilicon gated NMOSFETs and PMOSFETs 35016
Abadir, M., Parikh, A., Bal, L., Sandborn, P., Drake, K. Trade-off analysis of multichip module testing strategies 9288
Abadzhyan, S.V. Klystron amplifier based on induced transitions 34474
Abadzhyan, S.V. *see* Oganesyan, S.G. 28883
Abadzhyan, S.V. *see* Oganesyan, S.G. 28884
Abagyan, A.A., Berezin, A.Ya., Vitkov, V.M., Morozov, S.K. Operating experience with nuclear power plants and current tasks in Russia 25147
Abaidulina, T.G. *see* Zhitinskaya, M.K. 34550
Abakirova, J. *see* Akaev, A.A. 2946
Abakumov, P.N., Baranov, S.A. AC voltage stabilization unit for use with personal computers 9958
Abarbanel, H.D.I., Linsay, P.S. Secure communications and unstable periodic orbits of strange attractors 29414
Abarbanel, H.D.I. *see* Lam, B.C. 20776
Abarca, A., Aguilar, J.D. Power control by conduction angle 26675
Abarca, A. *see* Casanova, P. 26946
Abarcar, R.B. *see* Barber, K.F. 48185
Abashian, A. *see* Morgan, N. 31778
Abashkina, S.A., Korol'kov, V.I., Rimshans, Ya.S., Skryl, Yu.I., Tabarov, T.S. Numerical calculation of transient characteristics of GaAs vertical field-effect phototransistors 3326
Abass, A.K. *see* Collins, R.A. 1972
Abate, J., Choudhury, G.L., Whitt, W. Calculation of the GI/G/1 waiting-time distribution and its cumulants from Pollaczek's formulas 5206
Abatti, P.J., Schneider, B., Jr. A method to reduce sensor bridge dependence on loading and excitation voltage 46542
Abatzoglou, T.J., Arnold, H.B., Specht, D.F. Transient signal classifier using constrained total least squares (CTLS) extracted features, nearest neighbor association, and probabilistic neural networks (PNN) 29645
Abatzoglou, T.J., Reagan, J.T. Neyman-Pearson detection for CSO processing 29869
Abatzoglou, T.J. *see* Hackman, R.H. 23219
Abatzoglou, T.J. *see* Reagan, J.T. 29846
Abaye, A. *see* Davila, C.E. 7434
Abbad, F. *see* Moneo, J.R.deF. 29898
Abbadi, A.El *see* El Abbadi, A.
Abbas, G.L., de La Chapelle, M., Dones, F., Martin, D.L., Porter, C.R., Teal, R.S., Vertatschitsch, E.J. Ladar fiber optic sensor system for aircraft applications 7538
Abbas, G.L., Hong, C.S., Miller, G.E., Porter, C.R., Ray, S., Reddy, M.C., Smith, D.K., Figueroa, L. Photonics technology for avionic systems 39285
Abbas, H. *see* Askar, M.H. 48088
Abbas, H.M., Fahmy, M.M. Classified vector quantization using variance classifier and maximum likelihood clustering 22255
Abbas, H.M., Fahmy, M.M. Neural networks for maximum likelihood clustering 45106
Abbas, H.M. *see* Shahein, H.I. 47086
Abbas, M., Ahmad, Z.A. Analysis of a partial buffer sharing control with bursty traffic in ATM networks 30287
Abbas, M. *see* Manfredotti, C. 9785
Abbasy, N.H., Fahmy, M. An equivalent power system network modelling based harmonic analysis 39488
Abbate, A., Han, K.J., Das, P. A technique for profiling the epilayer channel of surface acoustic wave devices on piezoelectric semiconductors 11441
Abbe, B.S., Agan, M.J., Girardey, C.C., Jedrey, T.C. Channel and terminal description of the ACTS Mobile Terminal 37636
Abbe, B.S., Frye, R.E., Jedrey, T.C. ACTS mobile SATCOM experiments 37921
Abbe, B.S., Jedrey, T.C., Estabrook, P., Agan, M.J. ACTS broadband aeronautical experiment 37918
Abbe, B.S., Theofylaktos, N. ACTS advanced system concepts and experimentation 37925
Abbema, J. *see* Huizer, E. 14137
Abbiati, A. *see* Buoli, C. 26747
Abbosh, A.M. *see* Sayidmarie, K.H. 4098
Abbot, A. *see* Latham, R.V. 28296
Abbott, A.L. *see* Ahuja, N. 21943
Abbott, B., Adams, D., Armstrong, T., Atac, M., Baumbaugh, A., Baumbaugh, B., Binkley, M., Bird, S., Bishop, J., Biswas, N., Bross, A.D., Buchanan, C., Cason, N., Chaney, R., Chrisman, D., Chung, M., Cline, D., Collins, G., Corcoran, M., Davis, D., Davies, R., Elias, J., Fenker, H., Fenyves, E., Finley, D., Foster, G.W., Goldberg, H., Hammack, H., Hasan, A., Heppelmann, S., Jaques, J., Jesik, R., Kauffman, J., Kehoe, R., Kelley, C., Keely, M., Kenney, V., Kephart, R., Kim, C., Koltick, D., Kolonko, J., Kubic, J., Lewis, R.A., LoSecco, J., Lowery, B., Marchant, J., McIlwain, R., Margulies, S., Mendez, H., Miettenen, H., Moore, R., Mountain, R.J., Oh, B., Orgeron, J., Park, H., Park, J., Passaneau, J., Pla-Dalmau, A., Rivetta, C., Ruchti, R., Scalise, R., Schmitz, J., Shephard, W., Shibata, E., Skeens, J., Smith, G.A., Solomon, J., Thomas, J., Tkaczyk, S., Toothacker, W., Vaca, F., Vandergriff, D., Wagner, R., Warchol, J., Wayne, M., Whitmore, J. Effects of hadron irradiation on scintillating fibers 7245
Abbott, B., Howell, B.L., Koltick, D., McIlwain, R.L., Schmitz, C.J., Shibata, E.I., Zhou, Z., Baumbaugh, B., Ivancic, M., Jaques, J., Kehoe, R., Kelley, M., Mahoney, M., Marchant, J., Ruchti, R., Wayne, M., Atac, M., Baumbaugh, A., Elias, J.E., Romero, A., Chrisman, D., Park, J., Adams, M.R., Chung, M., Goldberg, H., Margulies, S., Solomon, J., Chaney, R., Orgeron, J., Armstrong, T., Lewis, R.A., Mitchell, G.S., Moore, R.S., Passaneau, J., Smith, G.A., Corcoran, M., Adams, D., Bird, F., Fenker, H., Regan, T., Thomas, J. Beam test of a 12-layer scintillating-fiber charged-particle tracking system 31776
Abbott, D. *see* Moini, A. 18913
Abbott, L.F., Van Vreeswijk, C. Asynchronous states in networks of pulse-coupled oscillators 1100
Abbott, M.B., Peterson, L.L. Increasing network throughput by integrating protocol layers 30414
Abbott, M.B. *see* Druschel, P. 5329
Abbott, M.B. *see* Druschel, P. 5470
Abbott, R.C., Tilley, R., Singh, G.P., Lamping, G.A. Increasing boiler availability using improved technologies for boiler damage assessment 32682
Abbott, T.S., Rogers, W.H. Functional categories for human-centered flight deck design 39250
Abboud, A.A. *see* Rashed, R.A. 25152
Abboud, F. *see* Gesley, M. 27869
Abboud, F. *see* Gesley, M. 27915
Abboud, F. *see* Murray, A. 27917
Abbrescia, M., Ambrosio, M., Barbarino, G.C., Bressi, G., Campana, D., Cardarelli, R., Guarino, F., Iacovacci, M., Iaselli, G., Lanza, A., Natali, S., Nuzzo, S., Osteria, G., Pistilli, P., Ranieri, A., Romano, F., Santonico, R. A horizontal muon telescope implemented with resistive plate chambers 7270
Abd El-Salam, F., Afify, M.A., Abd El-Wahabb, E. Thickness and temperature dependence of the electrical resistivity of amorphous Sb_2Se_3 films 10676
Abd El-Wahabb, E. *see* Abd El-Salam, F. 10676
Abd Rabou, N. *see* Ikeda, H. 14615
Abd-Allah, M.A. *see* Radwan, R.M. 43170
Abd-El-Barr, M. *see* Zhu, J. 11318
Abd-El-Barr, M.H., Bolton, R.J., Jain, A.K. Current-mode CMOS realization of a multiple-valued logic neurode 27116
Abd-El-Barr, M.H. *see* Jain, A.K. 18634
Abd-El-Barr, M.H. *see* Jain, A.K. 18635
Abd-El-Hamid, G., Davis, P.A. Ring resonator using a 3×3 flat optical fiber coupler 3031
Abdala, M.A., Jones, B.K. The 1/f noise in GaAs field-effect transistors 19884
Abdalla, H., Jr *see* de Menezes, L.R.A.X. 1477
Abdalla, K.A. Evaluation of a GPS single frequency model 24472
Abdallah, A.S., Abdel-Satter, S. Effect of the cross-magnetizing phenomenon on the transient performance of a saturated synchronous machine under three-phase short circuit 40121
Abdallah, C. *see* Docampo, D. 13255
Abdallah, C. *see* Perez, E. 44895
Abdallah, E.A., Ahmed, A.A.N., Nassef, M.A., Moselhy, A.M. Computer aided analysis and design single balanced microstrip diode mixer 10507
Abdallah, E.A.F., El-Said, M., Ahmed, A.A.N., El-Kinawy, E.E.K. Analysis and design of broadside and overlap microstrip line couplers by finite element method 10422
Abdallah, H. *see* Meliopoulos, A.P.S. 25058
AbdAllah, M. *see* Davis, J.F. 24413
Abdallah, M.G. *see* Epstein, J.S. 6815
Abdallah, N., Kiani, P., Hajjar, A. New algorithms for static and dynamic sensitization of paths in timing analysis 41587
Abdallah, S. *see* Sidhu, D. 30250
Abdel-Aal, M.M. *see* Aly, A.I.M. 32658
Abdel-Aal, R.E. *see* Khiari, F.Z. 46809
Abdel-Aty-Zohdy, H.S., Gudem, P.S., MacFarlane, S.D. Device models and simulation of high-low doping transition regions and their effects on N-MOSFET circuits 11214
Abdel-Aziz, A.M. *see* Gouda, O.E. 16337
Abdel-Ghaffar, A.S., El-Khouly, F.M., Mohammed, A.A., Sharaf, A.M. A rule-based rectifier controller for permanent magnet DC motors 8437

Abdel-Ghaffar, A.S. *see* El-Khouly, F.M. 48165
Abdel-Ghaffar, K.A.S., El Abbadi, A. An optimal strategy for comparing file copies 36566
Abdel-Ghaffer, K.A.S. *see* Weber, J.H. 44682
Abdel-Halim, I.A.M. *see* Ahmed, F.I. 40176
Abdel-Kader, W.G. *see* McNulty, P.J. 34073
Abdel-Kader, W.G. *see* Roth, D.R. 34065
Abdel-Latif, R.M. *see* Riad, A.S. 1942
Abdel-Magid, Y. *see* Beaufays, F. 47383
Abdel-Malek, A., Hassan, A., Sohie, G. Cooperative multiple-target tracking using wavelets 38176
Abdel-Malek, A., Sohie, G. A simple psychovisual approach for multiple target detection and tracking in passive sonar imaging systems 38171
Abdel-Malek, A.A., Hershey, J.E. Feature cueing in the discrete cosine transform domain 30135
Abdel-Raheem, G. *see* Fahmy, M.F. 42076
Abdel-Salam, M., Al-Hamouz, Z. Finite-element analysis of monopolar ionized fields including ion diffusion 24993
Abdel-Salam, M.S., Soliman, F.A., Megahed, A.A. Electrostatic-based pesticide spray systems. I. A theoretical investigation 3977
Abdel-Satter, S. *see* Abdallah, A.S. 40121
Abdel-Wahab, H. Reliable information service for Internet computer conferencing 14295
Abdel-Wahab, H., Jeffay, K. Issues, problems and solutions in sharing X clients on multiple displays 45658
Abdel-Wahab, H. *see* Chung, G. 22486
Abdelaziz, A.R., Abdelwahed, A.M., El-Geneidy, M.M. Terminal-pair reliability using network decomposition 24594
Abdeldayem, H. *see* Kukhtarev, N. 12415
Abdelmonem, A. *see* Yao, H.-W. 1412
Abdelmonem, A.E. *see* Hui-Wen Yao 42176
Abdelmoula, K. *see* Kamoun, N. 33684
Abdelqader, I., Rajala, S., Bilbro, G., Snyder, W. Optimum displacement estimates using mean field annealing 4908
Abdelrahman, M.A., Said, S.A.M., Ahmad, A. A comparison of energy consumption and cost-effectiveness of four masonry materials in Saudi Arabia 9010
Abdelrahman, M.M. *see* Al-Bahi, A.M. 15956
Abdelrazik, M.B.E., Beynon, A.M., Tufekcic, Z. Two's complement systolic multipliers—design and evaluation 18596
Abdelwahed, A.M. *see* Abdelaziz, A.R. 24594
Abdennadher, M. *see* Palusinski, O.A. 19951
Abdo-Tuko, M., Naghed, M., Wolff, I. Novel 18/36 GHz (M)MIC GaAs FET frequency doublers in CPW-techniques under the consideration of the effects of coplanar discontinuities 19114
Abdou, A., Guy, R.W. Acoustical measurement & computational & electro-acoustics. Three dimensional transient sound intensity measurements for comprehensive room-acoustic evaluation 15255
Abdrafikov, S.N. *see* Pogrebnyak, A.P. 20070
Abdrisaev, B. *see* Kutanov, A. 12422
Abdrisaev, B.D. *see* Akaev, A.A. 28571
Abdukadyrov, M.A. Bilateral heterophotovoltaic converters with additional wide-band P-N junction 33033
Abdukadyrov, M.A., Akbarov, N.F. Properties of high-voltage GaAs-AlGaAs photoconverters illuminated through a wide-band substrate 40476
Abdul-Kader, R., Ahmed, H.A. Charge trapping in MIOS memory structures under positive and negative biasing 34623
Abdul-Sadek Nour, M. *see* Anis, W.R. 25276
Abdulally, I., Parham, D., Cox, J. Foster Wheeler's answer to meeting the challenge: large scale CFB unit design for the electric utility market 8169
Abdulghafour, M., Abidi, M.A. Data fusion through non-deterministic approaches—a comparison 29748
Abdulghani, S.A. *see* Abouammoh, A.M. 26243
Abdulhalim, I., Archambault, J.L., Reekie, L., Pannell, C.N., Russell, P.StJ. Elasto-optically induced modulation of in-fiber grating 43434
Abdulhalim, I., Pannell, C.N. Acoustooptic in-fiber modulator using acoustic focusing 20436
Abdulhalim, I., Pannell, C.N. Photoelastic in-fiber birefringence modulator operating at the fundamental transverse acoustic resonance 35329
Abdulhalim, I., Pannell, C.N., Wang, J., Wylangowski, G., Payne, D.N. Acousto-optic modulation using a new chlorotellurite glass 20444
Abdulhalim, I. *see* Pannell, C.N. 35745
Abdulla, G. *see* Patel, S. 5548
Abdullaev, G.B., Bakirov, M.Ya., Safarova, F.D. Silicon solar cells with bilateral sensitivity 40479
Abdullah, A.S. *see* Alseyab, S.A. 21430
Abdullah, F. *see* Khan, S.H. 46680
Abdullah Khan, M. *see* Mohan, M.R. 7813
Abdullayev, A.A., Hajiyev, C.M. Intelligent information and measuring system for oil products in tanks 31508
Abdullin, E.N., Gorbachev, S.I., Efremov, A.M., Koval'chuk, B.M., Loginov, S.V., Skakun, V.S., Tarasenko, V.F., Tolkachev, V.S., Fedenev, A.V., Fomin, E.A., Shchanin, P.M. High-power compact laser with $\lambda=308$ and 249 nm pumped by a radially converging electron beam 3429
Abdullin, I.S., Zheltukhin, V.S., Uglov, A.A., Khusainov, I.G. Effect of the flow of nonequilibrium low-temperature plasma on germanium and silicon 27675
Abdulnour, J., Marchildon, L. Scattering by a dielectric obstacle in a rectangular waveguide 36340
Abdulrahman, M. *see* Falconer, D.D. 5822
Abdulrahman, S.M., Kettleborough, J.G., Smith, I.R. Fast calculation of harmonic torque pulsations in a VSI/induction motor drive 25860
Abduraimov, A., Zainabidinov, S.Z., Mamatkarimov, O.O., Khimmatkulov, O. Strain sensitivity of Schottky-barrier diodes under hydrostatic compression 11139
Abdurazakov, A.A., Butabaev, Yu.S., Gromov, K.Ya., Lebedev, N.A., Niyazov, R.A., Usmanov, P.N., Kholmatov, A.H., Chumin, V.G. Performance characteristics of a β-spectrometer based on a position-sensitive detector 38933
Abdushukurov, D.A., Dzhuraev, A.A., Evteeva, S.S., Kovalenko, P.P., Leskin, V.A., Nikolaev, V.A., Sirodzhi, R.F., Umarov, F.B. Model calculation of efficiency of gadolinium-based converters of thermal neutrons 38843
Abe, B. *see* Yoshinaga, H. 1605
Abe, D. *see* Levush, B. 27417
Abe, H., Ueno, K., Saiki, K., Koma, A. Heteroepitaxial growth of layered GaSe films on GaAs(001) surfaces 9616
Abe, H. *see* Motooka, T. 18163
Abe, H. *see* Ogihara, M. 710
Abe, H. *see* Saka, M. 33781
Abe, H. *see* Takai, A. 38118
Abe, H. *see* Usuda, S. 38868
Abe, H. *see* Usuda, S. 38881
Abe, K. MOSFET relays overcome problems inherent in mechanical versions 10548
Abe, K., Antilogus, P., Aston, D., Baird, K., Bean, A., Ben-David, R., Bienz, T., Bird, F., Caldwell, D.O., Cavalli-Sforza, M., Coller, J., Coyle, P., Coyne, D., Dasu, S., Dolinsky, S., d'Oliveira, A., Duboscq, J., Dunwoodie, W., Hallewell, G., Hasegawa, K., Hasegawa, Y., Huber, J., Iwasaki, Y., Jacques, P., Johnson, R.A., Kalelkar, M., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Liu, X., Lu, A., Manly, S., Martinez, J., Mathys, L., McHugh, S., Meadows, B., Muller, G., Muller, D., Nagamine, T., Nussbaum, M., Pavel, T.J., Plano, R., Ratcliff, B., Rensing, P., Santha, A.K.S., Schultz, D., Shank, J.T., Shapiro, S., Simopoulos, C., Snyder, J., Sokoloff, M.D., Solodov, E., Stamer, P., Stockdale, I., Suekane, F., Toge, N., Turk, J., Va'vra, J., Whitaker, J.S., Williams, D.A., Williams, S.H., Wilson, R.J., Word, G., Yellin, S., Yuta, H. Performance of the SLD barrels CRID during the 1992 physics data run 7260
Abe, K., Antilogus, P., Aston, D., Baird, K., Bean, A., Ben-David, R., Bienz, T., Bird, F., Caldwell, D.O., Cavalli-Sforza, M., Coller, J., Coyle, P., Coyne, D., Dasu, S., Dolinsky, S., d'Oliveira, A., Duboscq, J., Dunwoodie, W., Gagnon, P., Hallewell, G., Hasegawa, K., Hasegawa, Y., Huber, J., Iwasaki, Y., Jacques, P., Johnson, R.A., Kalelkar, M., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Liu, X., Lu, A., Manly, S., Martinez, J., Mathys, L., McCulloch, M., McHugh, S., McShurley, D., Muller, G., Muller, D., Nagamine, T., Nussbaum, M., Pavel, T.J., Peterson, H., Plano, R., Ratcliff, B., Reif, R., Rensing, P., Santha, A.K.S., Schneider, M., Schultz, D., Shank, J.T., Shapiro, S., Shaw, H., Simopoulos, C., Snyder, J., Sokoloff, M.D., Solodov, E., Stamer, P., Stockdale, I., Suekane, F., Toge, N., Turk, J., Va'vra, J., Watt, R., Weber, T., Whitaker, J.S., Williams, D.A., Williams, S.H., Wilson, R.J., Word, G., Yellin, S., Yuta, H. The fluid systems for the SLD Cherenkov Ring Imaging Detector 15619
Abe, K., Antilogus, P., Aston, D., Baird, K., Bean, A., Ben-David, R., Bienz, T., Bird, F., Caldwell, D.O., Cavalli-Sforza, M., Coller, J., Coyle, P., Coyne, D., Dasu, S., Dolinsky, S., d'Oliveira, A., Duboscq, J., Dunwoodie, W., Hallewell, G., Hasegawa, K., Hasegawa, Y., Huber, J., Iwasaki, Y., Jacques, P., Johnson, R.A., Kalelkar, M., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Liu, X., Lu, A., Manley, S., Martinez, J., Mathys, L., McHugh, S., Meadows, B., Muller, G., Muller, D., Nagamine, T., Nussbaum, M., Pavel, T.J., Plano, R., Ratcliff, B., Rensing, P., Santha, A.K.S., Schultz, D., Shank, J.T., Shapiro, S., Simopoulos, C., Snyder, J., Sokoloff, M.D., Solodov, F., Stamer, P., Stockdale, I., Suekane, F., Toge, N., Turk, J., Va'vra, J., Whitaker, J.S., Williams, D.A., Williams, S.H., Wilson, R.J., Word, G., Yellin, S., Yuta, H. Performance of the CRID at SLD 46930
Abe, K., maeda, T., Shimonaka, T., Umemura, T. A swelling characteristics of PET in oil 43208
Abe, K., Mizutani, F., Wang, C. Thinning of gray-scale images with combined sequential and parallel conditions for pixel removal 45191
Abe, K., Stormbom, L. Permanent stress allowable in field installed fibers 2996
Abe, K. *see* Hatashita, H. 5807
Abe, K. *see* Ishigame, M. 7654
Abe, K. *see* Majima, A. 10841
Abe, K. *see* Ogasawara, S. 40152
Abe, K. *see* Ono, N. 27660
Abe, M. Deep-submicron HEMT technology 20023
Abe, M. Development/test results of large capacity inverter for fuel cell plant 40065
Abe, M., Araki, T., Kashiwabara, T. Topological via minimization for permutation layout with no wire passing between pins 33804
Abe, M., Ikeda, H. Effects of gamma correction to color reproduction of color video cameras 46257
Abe, M. *see* Hoshihara, Y. 4055
Abe, M. *see* Ikeda, H. 24089
Abe, M. *see* Kodate, K. 11882
Abe, M. *see* Shimada, Y. 9248
Abe, M. *see* Watanabe, Y. 5664
Abe, N., Shirota, S. A specific design approach for automotive microcomputers 33137
Abe, N. *see* Ejiri, K. 35232
Abe, S., Fujimori, H., Ito, T. DC feeding system suitable for rolling stocks with re-generative braking system utilizing thyristor rectifier 17525
Abe, S., Furukawa, Y., Mochizuki, K., Masumoto, K. Growth and characterization of $Pb_{1-x}Ca_xS$ thin films prepared by hot wall epitaxy method 41286
Abe, S., Miyagi, M. Local attenuation and field changes in uniformly bent overmoded slab hollow waveguide 35421
Abe, S., Soumiya, T. A traffic control method for service quality assurance in an ATM network 45638
Abe, S., Tonomura, Y. Scene retrieval method using temporal condition changes 30128
Abe, S. *see* Maruyama, M. 36967
Abe, S. *see* Nishimura, E. 43974
Abe, S. *see* Nurishi, R. 46968
Abe, T., Habetler, T.G., Profumo, F., Griva, G. Evaluation of a high performance induction motor drive using direct torque control 17453
Abe, T., Hayashi, M., Nojo, S. A software tool to support the reliability design and evaluation of telecommunication networks 45410
Abe, T., Ohki, K., Uchiyama, A., Nakazawa, K., Nakazato, Y. Dislocation-free silicon on sapphire by wafer bonding 42579
Abe, T., Tazawa, S., Saito, K. Optimization of via-hole shape using quasi 3-D topography simulation 27777
Abe, T., Ueda, M., Mori, H. An integrated system for FPGA and gate array design 1141
Abe, T. *see* Mori, M. 17342
Abe, T. *see* Murata, S. 20873
Abe, T. *see* Ogawa, T. 905
Abe, T. *see* Oyama, J. 8352
Abe, T. *see* Oyama, J. 16819
Abe, T. *see* Sakamoto, K. 27870
Abe, T. *see* Sakamoto, K. 27912
Abe, T. *see* Watanabe, T. 25665
Abe, T. *see* Yamaguchi, Y. 6754
Abe, T. *see* Yamazaki, K. 24137
Abe, T. *see* Yasuda, H. 27871
Abe, W. *see* Yamasaki, Y. 34040
Abe, Y., Tokuda, Y. Significant effect of lateral resistivity on optical nonlinear responses of a quantum well p-i-n photodiode 11843
Abe, Y. *see* Haga, T. 707
Abe, Y. *see* Hayasaka, H. 8650
Abe, Y. *see* Nishida, H. 6263
Abe, Y. *see* Ota, K. 48106
Abe, Y. *see* Tokuda, Y. 11682
Abe, Y. *see* Tokuda, Y. 43630
Abed, E.H., Wang, H.O., Alexander, J.C., Hamdan, A.M.A., Lee, H.-C. Dynamic bifurcations in a power system model exhibiting voltage collapse 39452
Abed, M. *see* Zondy, J.J. 3452
Abedi, M., Mousavi, A.M. Digital computer studies of synchronous generator control devices dynamics during 3ϕ fault using phase co-ordinate model 25407
Abedi, M. *see* Bathaee, S.M.T. 8375
Abedian, B., Cundari, M. Resonant frequency of a polyvinylidene fluoride piezoelectric bimorph: the effect of surrounding fluid 20080
Abedini, Y.S., Barrett, O.R., Kim, J.S., Wen, D.D., Yeung, S.S. A 656×492-element platinum silicide infrared charge coupled device focal plane array 31271
Abel, B. *see* Smith, H.V., Jr. 38827
Abel, E., Laresgoiti, I., Perez, J., Corera, J., Echavarri, J. A multiagent approach to analyze disturbances in electrical networks 39491
Abel, J.S. A bound on mean-square-estimate error 36458
Abel, P., Guenther, B., Galimore, R.N., Cooper, J.W. Calibration results for NOAA-11 AVHRR channels 1 and 2 from congruent path aircraft observations 7586
Abela, R., Joho, W., Marchand, P., Milton, S.V., Rivkin, L.Z. Design consideratioins for a Swiss Light Source (SLS) 15388
Abela, R. *see* Schryber, U. 6907
Abele, C.C., Bunis, J.L., Caudle, G.F., Klauminzer, G. Specifying excimer beam uniformity 3743
Abeles, J.H., Amantea, R., Andrews, J.T., York, P.K., Connolly, J.C., Rios, R., Reichert, W.F., Kirk, J.B., Zamerowski, T., Gilbert, D.B., Liew, S.K., Hughes, N.A., Carlson, N.W., Butler, J.K., Evans, G.A., Narayan, S.Y., Channin, D.J.

Monolithic high power fanned-out amplifier lasers 20863
Abell, J.S. *see* Faria, R.N. 35216
Abella, C., Marin, M., Vazquez, J., Peces, J., Romera, J.A., Graham, R., Crone, G., Garcia, R. Artificial dielectric lens antennas: Assessment of their potential for space applications 29315
Abella, C., Peces, J., Marin, M., Martinez, J., Markus, K. Development of a compact antenna for global Earth coverage 29328
Abella, C., Vazquez, J., Marin, M., Peces, J., Graham, R., Crone, G. Analysis and synthesis of planar non-homogeneous lenses 29396
Abeln, G.C. *see* Lyding, J.W. 42730
Abelson, J.R. *see* Feng, G.F. 9784
Abelson, J.R. *see* Katiyar, M. 41418
Abelson, J.R. *see* Liang, Y.H. 26463
Abelson, J.R. *see* Yang, S.-Y. 27494
Abematsu, A. *see* Kondo, N. 15213
Abematsu, A. *see* Shirasaki, H. 1981
Abenante, L. Equivalent analytical solution for the minority carrier transport in doped silicon 10650
Abend, K. *see* Horton, C.R. 36418
Abend, K. *see* Subbaram, H. 29207
Abens, S., Kumm, W. Evaluation of reformation of diesel type fuel in an MCFC stack 17310
Aberg, A. *see* Zhang, W. 24899
Aberg, M. An electroluminescent display simulation system and its application for developing grey scale driving methods 31348
Aberg, M. *see* Asplund, G. 47494
Aberle, A. *see* Zhao, J. 25700
Aberle, A.G., Wenham, S.R., Green, M.A., Heiser, G. Decreased emitter sheet resistivity loss in high-efficiency silicon solar cells 33018
Aberle, J.T. *see* Purchine, M.P. 4284
Abernathy, C.R. Growth of heterojunction bipolar transistors by metalorganic molecular beam epitaxy 19798
Abernathy, C.R. The role of hydrogen in UHV growth of III-V semiconductors 41391
Abernathy, C.R., Bohling, D.A., Jones, A.C. Low temperature growth of GaAs and AlGaAs by MOMBE 776
Abernathy, C.R., Ren, F., Pearton, S.J., Wisk, P.W., Bohling, D.A., Muhr, G.T., Jones, A.C., Stavola, M., Kozuch, D.M. The impact of impurity incorporation on heterojunction bipolar transistors grown by metalorganic molecular beam epitaxy 41328
Abernathy, C.R., Wisk, P., Pearton, S.J., Ren, F., Bohling, D.A., Muhr, G.T. Growth of GaAs and AlGaAs by MOMBE using phenylarsine 779
Abernathy, C.R. *see* Fullowan, T.R. 42894
Abernathy, C.R. *see* Katz, A. 9547
Abernathy, C.R. *see* Katz, A. 42788
Abernathy, C.R. *see* Lothian, J.R. 19621
Abernathy, C.R. *see* Lothian, J.R. 42790
Abernathy, C.R. *see* Pearton, S.J. 2023
Abernathy, C.R. *see* Pearton, S.J. 2095
Abernathy, C.R. *see* Pearton, S.J. 2139
Abernathy, C.R. *see* Pearton, S.J. 19520
Abernathy, C.R. *see* Pearton, S.J. 19560
Abernathy, C.R. *see* Pearton, S.J. 19561
Abernathy, C.R. *see* Pearton, S.J. 27540
Abernathy, C.R. *see* Pearton, S.J. 27677
Abernathy, C.R. *see* Pearton, S.J. 34775
Abernathy, C.R. *see* Pearton, S.J. 42704
Abernathy, C.R. *see* Pearton, S.J. 42738
Abernathy, C.R. *see* Pearton, S.J. 42742
Abernathy, C.R. *see* Pearton, S.J. 42835
Abernathy, C.R. *see* Pearton, S.J. 43023
Abernathy, C.R. *see* Ren, F. 2486
Abernathy, C.R. *see* Ren, F. 2577
Abernathy, C.R. *see* Ren, F. 27635
Abernathy, C.R. *see* Ren, F. 28213
Abernathy, C.R. *see* Ren, F. 42549
Abernathy, C.R. *see* Ren, F. 42805
Abernathy, C.R. *see* Ren, F. 42893
Abernathy, C.R. *see* Stavola, M. 2195
Abernathy, C.R. *see* Wisk, P. 780
Abernathy, C.R. *see* Wisk, P.W. 26417
Abernathy, C.R. *see* Witmer, S.B. 2471
Abernathy, R.W., Smith, R.P. Applying series expansion to the inverse beta distribution to find percentiles of the *F*-distribution 33541
Abernathy, R.W., Smith, R.P. Algorithm 724: program to calculate *F*-percentiles 33542
Abernethy, T. Intelligent networks 37625
Abeygunawardana, D.G.A. *see* Tilson, P.G. 16493
Abeysundara, B.W. *see* Kamal, A.E. 30428
Abid, Z.E., Johnson, K.L., Gopinath, A. Analysis of dielectric guides by vector transverse magnetic field finite elements 44509
Abidi, A. *see* Min, J. 14487
Abidi, A.A. Trends in high performance data conversion 18834
Abidi, A.A. *see* Colleran, W.T. 27023
Abidi, A.A. *see* Colleran, W.T. 42001
Abidi, A.A. *see* Gomez, R. 27104
Abidi, A.A. *see* Kim, K.Y. 18912
Abidi, A.A. *see* Taylor, S. 30659
Abidi, A.A. *see* Tuttle, G.T. 4854
Abidi, A.A. *see* Tuttle, G.T. 27017
Abidi, M.A. *see* Abdulghafour, M. 29748
Abidi, M.A. *see* Baccar, M. 5070
Abidin, H.Z. On the construction of the ambiguity searching space for on-the-fly ambiguity resolution 46145
Abiko, O. *see* Morikawa, T. 25232
Abil'siitov, G.A., Alexandrov, A.G., Angelutz, A.A., Vasil'tsov, V.V., Golubev, V.S., Zelenov, Ye.V., Kurushin, Ye.A., Yakunin, V.P., Filimonov, D.Yu. Multi-channel AC-excited industrial CO_2-lasers 11961
Abitante, P. *see* Nakhamkin, M. 33080
Abitbol, M., Debrie, J., Lequime, M., Benatti, P., Fouillouze, O. A new programmable 3D range camera 38713
Abiven, J., Bourgart, F. TOME: an original approach to passive optical networks 14599
Abkowitz, M.A. *see* Antoniadis, H. 42554
Ablard, W. *see* Hunter, R. 22492
Ablart, G. *see* Mengue, S. 10529
Ablitt, D.J., Senior, J.M., Faulkner, D.W. Modelling technique for the performance investigation of TPON [telephonic passive optical network] 5418
Ablitt, D.J., Senior, J.M., Faulkner, D.W. Performance evaluation of a TPON network 5625
Ablowitz, M.J. *see* Benner, A.F. 23055
Ablowitz, M.J. *see* Jenkins, R.B. 30776
Abma, R. *see* MacKay, S. 15978
Abnous, A. *see* Gray, J. 41937
Abo Zaid, A., El-Mahdy, A., Attia, A.O., Selim, M.M. A high speed classifier using the arithmetic Fourier transform 13648
Abo-Elsoud, M.A. Analog circuits for electronic neural network 10380
Abo-Zahhad, M. *see* Henk, T. 13469
Abo-Zahhad, M. *see* Henk, T. 34171
Aboelfotoh, M.O., Marwick, A.D., Svensson, B.G. Effect of interfacial hydrogen in $CoSi_2$/Si(100) Schottky-barrier contacts 42544
Aboites, V. *see* Acosta-Ortiz, S.E. 28711
Aboites, V. *see* Martinez, A.V. 35675
Abolhassan, F., Drefenstedt, R., Keller, J., Paul, W.J., Scheerer, D. On the physical design of PRAMs 26933
Abott, R. *see* Madden, N. 38943
Abou Chahine, S., Huyart, B., Bergeault, E., Jallet, L. A millimeter dual six-port network analyzer in the W frequency band (75-110 GHz) 31399
Abou-Elfotouh, F. *see* Rockett, A. 40470
Abou-Elnour, A., Schuenemann, K. Accurate and efficient modeling of hetero-FETs 1546
Abou-Elnour, A., Schuenemann, K. An efficient and accurate self-consistent calculation of electronic states in modulation doped heterostructures 19394
Abouammoh, A.M., Abdulghani, S.A., Qamber, I.S. On partial orderings and testing of new better than renewal used classes 26243
Abouammoh, A.M., Qamber, I.S. Development of statistical theory in reliability engineering: a survey 33435
Aboubacar, A., Dupont, M., Gardes, J., Laguna, M., Querrou, M., Says, L.P. Electron beams triggered by a laser pulse of a few tens ns duration from silicon cathodes with array of tips in high electric field 38802
Aboudihab, I., Gilabert, A., Azema, A., Roustan, J.C. Superconducting $YBa_2Cu_3O_{3-x}$ thin film bolometer for infrared radiation 31239
Abouelkaram, S., Laugier, P., Fink, M., Culioli, J. Quantitative ultrasonic assessment of tissue macroscopic heterogeneity 7673
Abouhossein, H. *see* Negahban, M. 26758
Aboulhamid, E.M., Karkouri, Y., Cerny, E. On the generation of test patterns for multiple faults 1144
Aboulsoud, A.K. *see* Rizk, M.R.M. 11258
Abounada, A., Ben-Riala, A. Adaptive control of DC motor analogic simulation 32880
Abounadi, A. *see* Briot, O. 26457
Abounadi, A. *see* Haidoux, A. 9567
Abousalem, M.A. *see* Gao, Y. 38181
Aboutajdine, D. *see* Ammoumou, A. 4693
Abouzeid, P., Babba, B., Crastes de Paulet, M., Saucier, G. Input-driven partitioning methods and application to synthesis on table-lookup-based FPGAs 1129
Abouzeid, P. *see* Sakouti, K. 18641
Abouzeid, P. *see* Saucier, G. 26556
Abplanalp, M., Berger, C., Czapek, G., Diggelmann, U., Furlan, M., Gabutti, A., Janos, S., Moser, U., Pozzi, R., Pretzl, K., Schmiemann, K., Perret-Gallix, D., van den Brandt, B., Konter, J.A., Mango, S. Nuclear recoil measurements in superheated superconducting granule detectors 24046
Abraham, D., Nagar, R., Eisenstein, G. Self-starting low-noise fiber soliton laser 3479
Abraham, D., Nagar, R., Mikhelashvili, V., Eisenstein, G. Transient dynamics in a self-starting passively mode-locked fiber-based soliton laser 12133
Abraham, J. *see* Moondanos, J. 1162
Abraham, J.A. *see* Hoskote, Y.V. 41733
Abraham, J.A. *see* Nagi, N. 10362
Abraham, J.A. *see* Nagi, N. 10363
Abraham, J.A. *see* Narain, P. 18550
Abraham, J.A. *see* Roy, R.K. 26865
Abraham, J.A. *see* Saab, D.G. 26863
Abraham, K.M., Alamgir, M. Dimensionally stable polymer electrolytes for solid-state batteries 17204
Abraham, K.M., Pasquariello, D.M. Synthesis, characterization, and lithium battery applications of molybdenum oxysulfides 25643
Abraham, K.M. *see* Alamgir, M. 17168
Abraham, K.M. *see* Pasquariello, D.M. 17197
Abraham, L., Bramm, G., Reddig, M. Investigation on IGBT switching process with variable gate charge current 2481
Abraham, M. *see* Dietrich, T.R. 26530
Abraham, M.H. *see* Grate, J.W. 15104
Abraham, N.B. *see* Lin, H. 43718
Abraham, N.B. *see* Zhang Hanzhuang 35689
Abraham, P. *see* Stoehr, M. 9645
Abraham-Fuchs, K. *see* Schlang, M.F. 7349
Abraham-Fuchs, K. *see* Schneider, S. 31880
Abraham-Fuchs, K. *see* Stefan, H. 31947
Abraham-Fuchs, K. *see* Tresp, V. 4639
Abraham-Shrauner, B. *see* Zitter, R.N. 19727
Abrahams, J. Codes with monotonic codeword lengths 4384
Abrahams, J. Relative uniformity of sources and the comparison of optimal code costs 36513
Abrahams, M., Cornfield, P., Ward, C. A communications application by synthesis to silicon via VHDL 33952
Abrahamsson, K., Andler, G., Bagge, L., Beebe, E., Carle, P., Danared, H., Egnell, S., Engstrom, M., Filevich, A., Herrlander, C.J., Hilke, J., Jeansson, J., Kallberg, A., Leontein, S., Leljeby, L., Nilsson, A., Paal, A., Rensfelt, K.-G., Rosengard, U., Simonsson, A., Starker, J., af Ugglas, M. Status and commissioning of CRYRING 15584
Abrahamsson, S. *see* Gaunaurd, G.C. 46045
Abrahamsson, S. *see* Strifors, H.C. 23084
Abrahamsson, S. *see* Strifors, H.C. 23176
Abraitis, V., Galdikas, A., Pranevicius, L., Vosylius, J. Anisotropy of etching in low pressure plasma 10939
Abram, I. *see* Levenson, J.A. 20986
Abram, R.A. *see* Wilson, S.P. 1851
Abram, R.A. *see* Wilson, S.P. 19345
Abramenko, M.E., Vorotnev, P.A., Zhiglinskii, A.G., Izmailov, A.M. Partially disrupted mode competition in a polychromatic dye laser 3470
Abramkin, Yu.V. Determining the volume density of electromagnetic forces in a nonlinear system by an energy method 12518
Abramo, A., Venturi, F., Sangiorgi, E., Higman, J.M., Ricco, B. A numerical method to compute isotropic band models from anisotropic semiconductor band structures 19327
Abramof, E., Faschinger, W., Sitter, H., Pesek, A. Short period CdTe(ZnTe)/MnTe superlattices: growth and characterization 41259
Abramov, A.A., Bubnov, M.M., Dianov, E.M., Kol'Chenko, L.A., Semjonov, S.L., Shchebunjaev, A.G., Gurjanov, A.N., Khopin, V.F. Influence of fluorine doping on drawing-induced fibre losses 11609
Abramov, A.A. *see* Ponizovskii, A.Z. 35129
Abramov, B.I., Koval'skaya, R.I., Motsokhein, B.I., Parfenov, B.M. Operational reliability and maintenance of thyristor electric drives for use in severe operating conditions 40524
Abramov, V.I., Reznik, A.N. Method for matching an electrically-small superconducting antenna 44554
Abramov, V.V. *see* Amirov, I.I. 27670
Abramov, V.V. *see* Buzulutskov, F. 24056
Abramovich, Yu.I., Bohme, J.F., Gorokhov, A.Yu., Maiwald, D. GEM-algorithm for sea echo Doppler analysis with data corrupted by sparkling interference 36728
Abramovich, Yu.I., Danilov, B.G. Response speed of computer optimization methods, used in adaptive procedures for the tuning of multielement spatial filtering systems with one output channel 4335
Abramovich, Yu.I., Gorokhov, A.Yu. On an estimation of the convergence rate of adaptive interference compensation filters with a persymmetrical correlation matrix 13199
Abramovich, Yu.I., Yevstratov, F.F., Mikhalyukov, V.N. Experimental investigation of efficiency of adaptive spatial compensation of unpremeditated interference at short-wave radar stations engaged in remote diagnostics of sea surface 24500
Abramovici, M., Iyer, M.A. One-pass redundancy identification and removal 10087
Abramovici, M., Parikh, P.S. Warning: 100% fault coverage may be misleading 1190
Abramovici, M. *see* Guntermann, M. 37751
Abramovici, M. *see* Iyer, M.A. 41837
Abramowicz, A. Analysis of transversely coupled dielectric resonators using the mode matching method 27149
Abramowicz, A. *see* Bialas, S. 34231
Abramowicz, A. *see* Modelski, J. 27151
Abrams, J.R. The application and integration of interactive voice systems in the utility environment 7869
Abrams, M. *see* Patel, S. 5548
Abrams-Blakemore, B., Edgar, T.A. Performance evaluation of nickel-cadmium and nickel-hydrogen aerospace cells with electrochemically deposited nickel electrodes 39313

Abramson, I.V. Two-mode quartz resonators for digital temperature compensated quartz oscillators 20084
Abramson, I.V., Dikidzhi, A.N. Improvement of characteristics of quartz resonator-thermostat with direct heating piezoelement 20089
Abramson, N.H. Spectral modulation of two coherently separated femtosecond laser pulses: comment 12299
Abramson, R.H. When the chickens come home to roost: the licensed foundry defense in patent cases 40842
Abrantes, A.J., Marques, J.S. Hybrid harmonic coding of speech 13147
Abrardo, A., Benelli, G., Bini, A., Garzelli, A. New diversity receiver for mobile communications 22798
Abrardo, A., Benelli, G., Cau, G. Multiple-symbols differential detection of GMSK 21484
Abreu, A., Elder, L. SNCR/SCR NO_x reduction system demonstration project: regulatory agency-industry case study of permitting, technical aspects and demonstration results 32705
Abreu, A.Pita de *see* Pita de Abreu, A.
Abreu, E. *see* Mitra, S.K. 13456
Abreu, G.N.de *see* de Abreu, G.N.
Abreu, J.M.Martin *see* Martin Abreu, J.M.
Abreu, V. *see* Docampo, D. 13151
Abreu Garcia, J.A.de *see* de Abreu Garcia, J.A.
Abrosimov, I.N. *see* Novgorodtsev, A.B. 12522
Abrosimov, S.M. *see* Sidorov, V.P. 9032
Abry, C. *see* Bailly, G. 13098
Absaloms, H. *see* Seneviratne, A. 13917
Abshire, J.B. *see* Sun, X. 6148
Abstreiter, G. Physics and perspectives of Si/Ge heterostructures and superlattices 10721
Abstreiter, G. *see* Baumgartner, P. 28197
Abstreiter, G. *see* Engelhardt, C.M. 42507
Abstreiter, G. *see* Tischler, M.A. *(editor)* 17744
Abu Hena Mostafa Kamal *see* Kamal Abu Hena Mostafa
Abu-Allam, E. *see* El-Masry, E.I. 18923
Abu-Amara, H. A fast topology maintenance algorithm for high-bandwidth networks 5484
Abu-Dayah, A., Wager, J.F. Aging studies of atomic layer epitaxy ZnS:Mn alternating-current thin-film electroluminescent devices 43649
Abu-Dayah, A., Wager, J.F., Kobayashi, S. Electrical characterization of atomic layer epitaxy ZnS:Mn alternating-current thin-film electroluminescent devices subject to various waveforms 20547
Abu-Dayya, A.A. *see* Beaulieu, N.C. 26289
Abu-Hakima, S. The DPN expert advisor: Canadian AI success story. 3 22459
Abu-Hamdan, M.G., El-Gizawy, A.S. An error diagnosis expert system for flexible assembly systems 14899
Abu-Leiyah, O. *see* Alhusein, M.A. 16495
Abu-Safia, H.A., Al-Sharif, A.I., Aljarayesh, I.O.A. Rugate filter sidelobe suppression using half-apodization 3300
Abu-Saymeh, D.S. *see* Obaidat, M.S. 15116
Abuelma'atti, M.T. New current-controlled CCII-based RC oscillators with grounded capacitors and resistors 1102
Abuelma'atti, M.T. Effect of bit-threshold errors on the harmonic and intermodulation performance of successive approximation A/D converters 4371
Abuelma'atti, M.T. New current-mode active filters employing first generation current conveyor 10281
Abuelma'atti, M.T. Harmonic and intermodulation owing to nonuniform quantization 21487
Abuelma'atti, M.T. Harmonic and intermodulation performance of nonlinear optical directional couplers 35970
Abuelma'atti, M.T. Approximations for the Fermi-Dirac integrals $F_j(x)$ 41040
Abuelma'atti, M.T. An improved analysis for the nonlinear performance of body-driven analog MOSFET circuits 41617
Abuelma'atti, M.T. Reply to comments on 'Modelling the DC characteristics of GaAs MESFETs for CAD' 43011
Abughazaleh, S. *see* Leslie, D. 47415
Abu'l Wafa, A.R. Industrial load management in Egypt 7828
Abur, A. *see* Kezunovic, M. 47936
Aburakawa, Y. *see* Jongsuck Bae 34255
Aburas, R. Prospects for the use of gas for electricity generation in the Arab countries 8042
Aburas, R.A. Economic aspects of solar technologies for power generation 25279
Aburdene, M.F., Dorband, J.E. On the computation of discrete Legendre polynomial coefficients 9367
Abushagur, M.A.G. *see* Helaly, A.M. 45527
Abuzeid, S. Particle concentrations over production tools during processing; a comparison of facilities worldwide 9222
Abyaneh, H.A., Negad, A.S., Ghalamchi, M. Coordination of relay settings incorporating power transformers and protection systems simulation 8004
Abys, J.A. *see* Kudrak, E.J. 38754
Acampora, A.S. An architecture and methodology for mobile-executed cell hand-off in wireless ATM networks 45854
Acampora, A.S., Zhang, Z. A throughput/delay comparison: narrowband versus broadband wireless LAN's 5464
Acampora, A.S. *see* Brackett, C.A. 6056
Acampora, A.S. *see* Gidron, R. 6076
Acarnley, P. *see* Ertugrul, N. 40105
Acarnley, P.P. Observability criteria for winding currents in three-phase brushless DC drives 8789
Acarnley, P.P. *see* Atkinson, D.J. 17433
Acarnley, P.P. *see* Ertugrul, N. 16769
Acarnley, P.P. *see* French, C.D. 17440
Acarnley, P.P. *see* Kinniment, D.J. 8453
Accatino, L. Computer-aided design of a Ku-band antenna diplexer 29292
Accatino, L. *see* Mizzoni, R. 29402
Acco, S. *see* Gasparotto, A. 10831
Accumolli, A. Analysis of run-in process for PC manufacturing 1713
Acef, O. *see* Zondy, J.J. 3452
Acerbi, E., Baccaglioni, G., Broggi, F., Corsini, R., De Salvo, L., Rivoltella, G., Rossi, L. Model studies on the ELFA wiggler 15541
Acerbi, E., Bona, M., Leroy, D., Perin, R., Rossi, L. State of the construction of the two INFN full length superconducting dipole prototype magnets for the Large Hadron Collider (LHC) 15549
Acerbi, E., Broggi, F., Caso, E., Corsini, R., De Salvo, L. Experimental results and theoretical comparison betwen hybrid and electromagnetic wigglers 15542
Acerbi, E., Ceresara, S., Garre, R., Rossi, L., Volpini, G. Italian development of a superconducting cable for the main dipoles of the Large Hadron Collider 15548
Acero, M.C., Perez-Rodriguez, A., Esteve, J., Montserrat, J., Garrido, B., Romano-Rodriguez, A., Morante, J.R. Analysis of buried etch-stop layers in silicon by nitrogen-ion implantation 27707
Aceves, A.B., Capobianco, A.D., Constantini, B., De Angelis, C., Nalesso, G.F. Two-dimensional variational analysis of self-trapped solutions in planar waveguides 36305
Aceves, A.B., De Angelis, C., Rubenchik, A.M., Turitsyn, S.K. Multidimensional solitons in fiber arrays 36031
Aceves, A.B., De Angelis, C., Trillo, S., Wabnitz, S. Storage and steering of self-trapped discrete solitons in nonlinear waveguide arrays 36032
Aceves-Saborio, S. Analysis of energy consumption in heat pump and conventional driers 17609
Acha, C. *see* Ferrari, H. 15177
Acha, V., Carrasco, R.A. Digital modulation trade-offs for modem systems 21507
Acha, V., Carrasco, R.A. A comparison of fully digital quadrature modulation for modem systems 22706
Acharya, A., Badrinath, B.R. Delivering multicast messages in networks with mobile hosts 45576
Acharya, B.Ramamurthy *see* Ramamurthy Acharya, B.
Acharya, H.N. *see* Pal, T. 31770
Acharya, M., Bunch, R.M., Hertel, R.J. Veiling glare measurements in the F4111 image intensifier 31305
Acharya, P.R., Ekstrom, H., Gearhart, S.S., Jacobsson, S., Johansson, J.F., Kollberg, E.L., Rebeiz, G.M. Tapered slotline antennas at 802 GHz 36398
Acharya, R. *see* Morales, A. 13178
Acharya, R. *see* Rajapakse, J.C. 29828
Acharya, S.K., Roetzel, W., Hussain, J. Refrigerants as working fluid in a CPC collector system for electric power generation 16721
Ache, H.J. *see* Kraus, S.C. 6471
Ache, H.J. *see* Schoning, M.J. 6469
Achenbach, J.A. *see* Termuehlen, H. 8207
Achenbach, S., Moshage, W. Magnetocardiography: clinical investigations with a biomagnetic multichannel system 31881
Acheroy, M. *see* Perneel, C. 45224
Achete, C. *see* Paes, H. 27516
Achiba, M. *see* Kudo, K. 23299
Achkar, J., Picon, O., Hanna, V.F., Citerne, J. Theoretical and experimental investigation of passive components realized in suspended stripline technology 10421
Achour, K. *see* Hamitouche, M. 13726
Achtnig, K.-P. *see* Honl, R. 44431
Achvar, D., Johannet, A., Magnier, J. Problem of separation of signals including delays—illustrations 13547
Achyuthan, A., Elmasry, M.I. Methodology for generating behavioral specifications of analog hardware for artificial neural network implementations 18941
Acioli, L.H. *see* Gomes, A.S.L. 3874
Acito, W.P. *see* Klement, S. 42604
Ackaert, A., Van Dam, L., Delbare, W., Allaert, K. The use of MCM-L manufacturing and assembly technology for broadband application 335
Ackah-Miezan, A. *see* Serfaty, V. 4913
Acker, C., Vary, P. Combined implementation of predictive speech coding and acoustic echo cancellation 22701
Ackeren, J.J.Van *see* Van Ackeren, J.J.
Ackerman, E., Wanuga, S., Kasemset, D., Daryoush, A.S., Samant, N.R. Maximum dynamic range operation of a microwave external modulation fiber-optic link 23033
Ackerman, E., Wanuga, S., MacDonald, J., Prince, J. Balanced receiver external modulation fiber-optic link architecture with reduced noise figure 5949
Ackerman, G.D. *see* Kwan, J.W. 38828
Ackerman, M. Power supply of passenger coaches—history, present and future 17545
Ackerman, P.L. Abilities and individual differences in complex skill acquisition 24451
Ackermann, D. *see* Signorini, C. 31799
Ackermann, F., Schade, H. Application of GPS for aerial triangulation 39364
Ackermann, H. *see* Frank, H.-P. 42626
Ackermann, H.-J. *see* Jager, M. 5587
Acket, G.A. *see* van der Poel, C.J. 3589
Ackland, B. *see* Hatamian, M. 27005
Ackland, B.D. *see* Meng-Lin Yu 35093
Acklin, B., Jahns, J. Packaging considerations for planar optical systems 17926
Acklin, B., Jahns, J. Packaging considerations for planar optical interconnection systems 43678
Acklin, B., Schienle, M., Weiss, B., Stoll, L., Muller, G. Novel optical switches based on carrier injection in three and five waveguide couplers: TIC and SIC 35484
Acklin, B. *see* Bagnoud, C. 3260
Acklin, B. *see* Collings, N. 11765
Acklin, B. *see* Jahns, J. 3122
Acklin, M.W., Scott, M. Variable frequency drive (VFD) retrofit Tolk Station Unit 1 (replacing first generation ID and FD fan variable speed motor drivers) 47725
Ackman, A. *see* Willson, C.G. 11080
Ackmann, J.J. Complex bioelectric impedance measurement system for the frequency range from 5 Hz to 1 MHz 7449
Ackva, A., Reckhorn, T. Synchronous machines for traction applications. A survey with regard to power capability, efficiency and control strategy 40591
Ackva, A., Reckhorn, T., Olesinski, R. Comparative evaluation of synchronous motor drives for electric road vehicles 48278
Aclander, H. *see* Chechik, R. 46868
Acocella, J., Benenati, J.A., Caulfield, T., Puttlitz, K. Mixed wirebond, TAB and flipchip interconnections on multi-layer ceramic MCM's 9266
Acocella, J. *see* Caulfield, T. 9262
Acocella, J. *see* Caulfield, T. 26202
Acosta, A.J. *see* Bellido, M.J. 10121
Acosta, F.M.A., Vesin, J.-M. Nonlinear prediction of time series using radial wavelet networks 13332
Acosta, G.G. *see* Mayosky, M.A. 32784
Acosta, L. *see* Moreno, L. 47097
Acosta-Ortiz, S.E., Aboites, V., Telle, H.H. Metal vapor lasers 28711
Acosta-Ortiz, S.E. *see* Telle, H.H. 12019
Acovic, A. *see* Dana, S.S. 838
Acovic, A. *see* Shahidi, G.G. 11305
Acree, D.W. *see* Herkert, R.M. 44550
Acton, S.T., Bovik, A.C. Nonlinear regression for image enhancement via generalized deterministic annealing 29948
Acton, S.T., Ghosh, J., Bovik, A.C. Fast combinatorial optimization using generalized deterministic annealing 26326
Actor, G., Fair, J., McFarland, R., Patterson, P., Voiss, S., Schlueter, J., Schutz, R., Wang, S.-Q. Partnering works: a case in point [sputtering] 10985
Acuna, A.U. *see* Duchowicz, R. 20662
Adachi, A. *see* Liu, Y. 19372
Adachi, A. *see* Murakami, K. 19232
Adachi, A. *see* Shimomura, S. 9619
Adachi, A. *see* Shimomura, S. 41347
Adachi, A. *see* Tanaka, S. 31154
Adachi, A. *see* Tsukada, K. 46364
Adachi, C. *see* Maeda, M. 37730
Adachi, C. *see* Saito, S. 38616
Adachi, C. *see* Tsutsui, T. 35589
Adachi, F. Postdetection optimal diversity combiner for DPSK differential detection 4368
Adachi, F. *see* Ng, C.S. 4366
Adachi, F. *see* Shimada, S. 22154
Adachi, H., Kobayashi, Y., Chino, T., Matsuda, K. Surface-emitting laser with a common-anode configuration for application to the photonic parallel memory 43864
Adachi, H., Kosugi, H., Uwano, T., Nakabe, K. High-speed frequency switching synthesizer using fractional N phase locked loop 18514
Adachi, I. R&D on aerogel Cherenkov counter for KEK B-Factory 7171
Adachi, I. *see* Guyonnet, J.L. 46904
Adachi, J. *see* Hsu, S.L. 19651
Adachi, K. Development of electric scooter for mass production 48326
Adachi, M., Ohuchi, S., Totsuka, N. New mode crack of LSI package in the solder reflow process 19973
Adachi, N., Nishikawa, H., Komatsu, Y., Hourai, H., Sano, M., Shigematsu, T. Improvement of gate oxide integrity characteristics in CZ-grown Si crystals by H_2 annealing 1837
Adachi, R. *see* Madden, N. 38943

Adachi, S., Ikegami, T., Utani, K. Spectroscopic ellipsometry study of (111) and (100)Si surfaces etched in aqueous KOH solution 10885
Adachi, S., Uno, T., Nakaki, T. Two-dimensional target profiling by electromagnetic backscattering 23113
Adachi, S. *see* Chen, L. 29346
Adachi, S. *see* Hayakawa, Y. 33589
Adachi, S. *see* He, Y. 29158
Adachi, S. *see* Kobayashi, K. 19608
Adachi, S. *see* Maeshima, O. 23152
Adachi, S. *see* Matsuno, M. 14928
Adachi, S. *see* Uno, T. 4088
Adachi, S. *see* Utani, K. 2116
Adachi, S. *see* Yamabe, M. 33647
Adachi, S. *see* Yamaguchi, R. 29344
Adachi, T. *see* Nagai, K. 38362
Adachihara, H. *see* Ehrlich, J.E. 3872
Adair, J. *see* Chen, S. 42222
Adair, J. *see* Ho, T. 1582
Adair, J.H. *see* Staehle, S.S. 18282
Adali, T., Ardalan, S.H. A mobile communications application in block diagram simulator Capsim 22809
Adam, A. *see* Lemnean, N. 25746
Adam, A. *see* Petringenaru, O. 25845
Adam, E.C. Fighter cockpits of the future 39280
Adam, E.C. Tactical cockpits—the coming revolution 47180
Adam, G. International power—energy policy in the European Community 7819
Adam, J., Keller, P. Optimizing outages at Swiss Leibstadt NPP via multi-cycle partnership 47635
Adam, J., Kreisinger, V. Magnetic 3D field in a transformer with skewed windings 1666
Adam, J.D., Stitzer, S.N. Frequency selective limiters for high dynamic range microwave receivers 2857
Adam, J.D., Stitzer, S.N. Frequency selective limiters for high dynamic range microwave receivers 42181
Adam, M. *see* Demars, A. 14457
Adam, P., Arrillaga, J., Juhlin, L.E., Shore, N. System harmonics and filters 47427
Adam, S. *see* Schryber, U. 6907
Adam, T. *see* Boglietti, A. 17483
Adam, W., Albrecht, E., Ambec, I., Augustinus, A., Barnoux, C., Bostjancic, B., Botner, O., Budziak, A., Carechio, P., Cavalli, P., Ceelie, L., Cereseto, R., Cerutti, G., Dahl-Jensen, E., Dam, P., Damgaard, G., Dimitriou, N., Dulinski, W., Eek, L.O., Ekelof, T., Erikson, J., Florek, A., Florek, B., Fontanelli, F., Fontenille, A., Galuszka, K., Garcia, J., Gracco, V., Hallgren, A., Hao, W., Henkes, T., Isenhower, D., Johansson, H., Karvelas, E., Kindblom, P., Koene, B., de Koning, N., Korporaal, A., Kostarakis, P., Lenzen, G., Lindqvist, L.-E., Lorenz, P., Loukas, D., Lund-Jensen, B., Maltezos, A., Markou, A., Mattsson, L., Medbo, J., Michalowski, J., Montano, F., Nielsen, B.S., Pakonski, K., Perdikes, C., Polok, G., Robohm, A., Sajot, G., Sannino, M., Saragas, E., Schyns, E., Squarcia, A., Stavropoulos, G., Stodulski, M., Stopa, Z., Thadome, J., Theodosiou, G., Thome, Z., Traspedini, L., Turala, M., Ullaland, O., de la Vega, A.S., Warm, A., Werner, J., Xyroutsikos, S., Zavrtanik, M., Zevgolatakos, E. Performance of the Forward RICH detector system at DELPHI 7259
Adam, W., Albrecht, E., Ambec, I., Augustinus, A., Barnoux, C., Bostjancic, B., Botner, O., Budziak, A.P., Caloba, L.P., Carecchio, P., Cavalli, P., Ceelie, L., Cereseto, R., Cerutti, G., Dahl-Jensen, E., Dam, P., Damgaard, G., de Koning, N., de la Vega, A.S., Dimitriou, N., Dulinski, W., Eek, L.-O., Ekelof, T., Erikson, J., Florek, A., Florek, B., Fontanelli, F., Fontenille, A., Galuszka, K., Garcia, J., Gracco, V., Hallgren, A., Hao, W., Henkes, T., Isenhower, D., Johansson, H., Karvelas, E., Kindblom, P., Koene, B., Korporaal, A., Kostarakis, P., Lenzen, G., Lindqvist, L.-E., Lorenz, P., Loukas, D., Lund-Jensen, B., Maltezos, A., Markou, A., Mattsson, L., Medbo, J., Michalowski, J., Montano, F., Nielsen, B.S., Ostler, J.M., Pakonski, K., Perdikis, C., Polok, G., Robohm, A., Sajot, G., Sannino, M., Saragas, E., Schyns, E., Squarcia, S., Stavropoulos, G., Stodulski, M., Stopa, Z., Thadome, J., Theodosiou, G.E., Traspedini, L., Turala, M., Ullaland, O., Warm, A., Werner, J., Xyroutsikos, S., Zavrtanik, M., Zevgolatakos, E. The forward ring imaging Cherenkov detector of DELPHI 31715
Adam, W., Anassontzis, E.G., Albrecht, E., Ambec, I., van Apeldoorn, G., Arnoud, Y., Aubret, C., Augustinus, A., Baillon, P., Barnoux, C., Battaglia, M., Berggren, M., Bloch, D., Botner, O., Bourdarios, C., Brummer, N., Brunet, J.M., Budziak, A.P., Buys, A., Caloba, L.P., Carecchio, P., Carrie, P., Cavalli, P., Cereseto, R., Cerutti, G., Chevry, M., Christophel, E., Dahl-Jensen, E., D'Almagne, B., Dam, Ph., van Dam, P., Damgaard, G., Davenport, M., Dolbeau, J., Dracos, M., Dris, M., de Koning, N., de la Vega, A.S., Dimitriou, N., Eek, L.-O., Ekelof, T., Erikson, J., Engel, J.P., Evers, G., Fassouliotis, D., Filippas, T.A., Florek, A., Florek, B., Fokitis, E., Fontanelli, F., Fontenille, A., Fraissard, D., Galuszka, K., Garcia, J., Gaumann, E., Gazis, E., Goret, B., Gracco, V., Guglielmi, L., Hahn, F., Haider, S., Hallgren, A., Hao, W., Henkes, T., Honore, P.F., Huet, K., Ioannou, P., Johansson, H., Juillot, P., Kalkanis, G., Karvelas, E., Katsanevas, S., Katsoufis, E., Kindblom, P., Kjaer, N., Klempt, W., Kluit, P.M., Koene, B., Kokkinias, P., de Koning, N., Kourkoumelis, C., Lambropoulos, C., Langerveld, D., Lecoeur, G., Lenzen, G., Lindqvist, L.-E., Lopez-Aguera, A., Loukas, D., Maltezos, A., Maltezos, S., Markou, A., Mattsson, L., Medbo, J., Michalowski, J., Montano, F., Mourgue, G., Nielsen, B.S., Nicolaidou, R., Noppe, J.M., Ostler, J.M., Pakonski, K., Papadopoulou, Th.D., Poutot, D., Petrolini, A., Polok, G., Resvanis, L.K., Rosso, E., Sajot, G., Schaeffer, M., Sannino, M., Saragas, E., Schyns, E., Squarcia, S., Stavropoulos, G., Stodulski, M., Stopa, Z., Strub, R., Thadome, J., Theodosiou, G.E., Toet, D.Z., Traspedini, L., Tristram, G., Tsirou, A., Turala, M., Tzamarias, S., Ullaland, O., Vergezac, P., Voulgaris, G., Warm, A., Werner, J., Zavrtanik, M., Zevgolatakos, E. The ring imaging Cherenkov detector of DELPHI 46929
Adam, W., Nickolay, B. Teachable image evaluation system for the automation of visual inspection 9328
Adama, W.A. *see* Anantaraman, A.V. 48211
Adamczewska, J. *see* Auleytner, J. 2055
Adamczewska, J. *see* Kaminska, E. 10976
Adamczewska, J. *see* Kaminska, E. 27781
Adamczyk, K. A single European power system. New quality of cooperation 39523
Adamczyk, W.F. *see* Rushnok, A.J. 39560
Adametz, C., Dorda, A., Fachbach, B. Technology and ecology of hybrid and electric lightweight vehicles 40582
Adamiak, K. *see* Inculet, I.I. 43169
Adamiak, M. *see* Phadke, A.G. 47608
Adamides, E.D., Iliades, P., Argyrakis, I., Tsalides, Ph., Thanailakis, A. Cellular logic bus arbitration 13894
Adamo, J.-M. Randomized routing of h-relations in Clos networks 37072
Adamovsky, G., Eustace, J.G. RF modulated fiber optic sensing systems and their applications 6533
Adamowska, M. *see* Zubinski, J. 10526
Adams, A.C. *see* Bo Lu 45734
Adams, A.C. *see* Zhou, P. 20570
Adams, A.R. *see* Gault, M. 20899
Adams, A.R. *see* Hawley, M. 12179
Adams, B.M. *see* Ivankovits, J.C. 34388
Adams, D. *see* Abbott, B. 7245
Adams, D. *see* Abbott, B. 31776
Adams, D.P., Eaglesham, D.J., Yalisove, S.M. Low temperature Si homoepitaxy: effects of impurities on microstructure 9596
Adams, D.P., Yalisove, S.M., Eaglesham, D.J. Effect of hydrogen on surface roughening during Si homoepitaxial growth 33649
Adams, D.P. *see* Eaglesham, D.J. 18200
Adams, E., Clamp, K. Specifying networked information system (NIS) management 45585
Adams, E. *see* Rogers, J.L. 9738
Adams, E.K. Giving users what they want from the standards process 37193
Adams, F. *see* Rimmer, R. 15511
Adams, F.P., de Jong, M.S. A boundary-integral-method code for cavity RF mode analysis 46792
Adams, G. *see* Knutson, K. 7903
Adams, G. *see* Marvasti, F.A. 45105
Adams, G. *see* Yamashita, H. 32439
Adams, J., Lane, T. Westinghouse combined cycle reference plant family 8211
Adams, J.A. Non-destructive evaluation of advanced multichip modules using cross-sectional X-ray techniques 406
Adams, J.A. Assembly process certification for MCMs and fine pitch QFP using X-ray automated process test 40986
Adams, J.A. *see* Kuta, J.J. 23620
Adams, J.A. *see* Sachrajda, A. 42532
Adams, J.A. *see* Taylor, R.P. 42781
Adams, J.C., Falk, R.A., Capps, C.D., Bohnhoff-Hlavacek, G. Characterization of current filamentation in GaAs photoconductive switches 28620
Adams, J.C. *see* Capps, C.D. 19185
Adams, J.C. *see* Capps, C.D. 28633
Adams, J.D., Edenfield, B.K., Nelson, E.A., Handley, J.C., Newton, B.S. Armored phased array design 29362
Adams, J.W., Gauer, E.A., Sullivan, J.E., Tucker, B., Ghadimi, C., Hashemi, R., Knight, L. Digital filters with peak-constrained weighted least-squared errors 27082
Adams, K.M., Anderson, J.E., Graves, Y.B. Ionograph sensitivity to chemical residues from 'no clean' soldering fluxes: comparison of solvent extract conductivity and surface conductivity 34351
Adams, K.M. *see* Armitage, G.J. 5144
Adams, K.M. *see* Armitage, G.J. 37069
Adams, K.M. *see* Armitage, G.J. 37441
Adams, K.M. *see* Liew, S. 37238
Adams, L. *see* Harboe-Sorensen, R. 39253
Adams, L. *see* McNulty, P.J. 34073
Adams, L.E., Kintzer, E.S., Ramaswamy, M., Fujimoto, J.G., Keller, U., Asom, M.T. Mode locking of a broad-area semiconductor laser with a multiple-quantum-well saturable absorber 20805
Adams, M.A. *see* Carlile, C.J. 47001
Adams, M.J. *see* Atkin, D.M. 3612
Adams, M.J. *see* Davies, D.A.O. 5975
Adams, M.J. *see* Fisher, M.A. 12404
Adams, M.L. Quality first. A model for TQM implementation and planning 33299
Adams, M.R. *see* Abbott, B. 31776
Adams, N. New warehouse automation improves customer service at Kinney Drugs 5742
Adams, N., Schilit, B.N., Gold, R., Tso, M.M. An infrared network for mobile computers 23025
Adams, N.K. The application of object-oriented real time control techniques to the testing of electrical machines 8285
Adams, R. *see* Apostolakis, G. 39772
Adams, R. *see* Steenhuisen, A.C. 45432
Adams, R.D., Payne, D.D. WRPASS vs. PASSWP: encryption key recovery software packages 44698
Adams, R.L. *see* Brannen, W.F. 32529
Adams, R.N. *see* Ramirez-Rosado, I.J. 16302
Adams, S.J. Compensation of shutter opening induced flux transients using a robust algorithm for the molecular beam epitaxy process 41354
Adams, S.M. *see* Chang, E.K. 34414
Adams, T. IC failure analysis using real-time emission microscopy 35046
Adams, W.A., Pell, W., Song, G., Walker, M. Consideration of aluminum/air and zinc/bromine flow batteries as EV range extenders 48387
Adams, W.A., Zhou, Y.H., Chowdhury, G., Wilinski, J., Bai, L., Castledine, C., Qu, D.Y., Conway, B.E. Conceptual design of an electric vehicle battery using chemically modified (CM) manganese dioxide 48386
Adams, W.A. *see* Oliveira, J.C.T. 48391
Adams, W.A. *see* Prakash, C.B. 48207
Adams, W.J. *see* Hardy, C.J. 7372
Adams, W.P., Dearing, P.M. On the equivalence between roof duality and Lagrangian duality for unconstrained 0-1 quadratic programming problems 26323
Adams, W.W. *see* Pachter, R. 20233
Adams, W.W. *see* Sutherland, R.L. 35507
Adams-Russel, P. *see* Jungemann, E. 38331
Adamski, J.A. *see* Bliss, D.F. 41234
Adamski, T. Sampling time jitter correction based on quantile filtering 23499
Adamski, W. *see* Nyka, K. 26107
Adamson, E.J. *see* Kremann, R.W. 16649
Adamson, K.A., Donahue, J.A. Measuring equipment used for observing the transient, dynamic, and harmonic performance of the Sandy Pond HVDC converter terminal 47480
Adamson, K.A. *see* Tatro, P.J. 14369
Adan, I.J.B.F., Wessels, J., Zijm, W.H.M. Analysing multiprogramming queues by generating functions 5195
Adapa, R., Balu, N., Ipakchi, A., Kumar, A.B.R., Brandwajn, V. Expert systems in power system planning and engineering: transient stability input and output data analysis 39557
Adapa, R., Giuffre, M., Gralow, J., Johnson, D. Control center advisor for load management (C^2ALM) 32235
Adapa, R. *see* Alvarado, F. 24650
Adapa, R. *see* Johnson, B.K. 32391
Adapa, R. *see* Momoh, J.A. 24800
Adapa, R. *see* Momoh, J.A. 39498
Adapa, R. *see* Savulescu, S.C. 32297
Adapa, R. *see* Wang, C. 39702
Adapathya, R.S. *see* Cooper, B.P. 7677
Aday, J., Johnson, R.W., Evans, J.L., Romanczuk, C. Thick film silver multilayers for under-the-hood automotive applications 25915
Aday, J. *see* Evans, J.L. 25916
Adcock, J.A. *see* Mayer, H.A. 7958
Adcock, N. *see* Kerrison, A. 5363
Adcock, P., Crewe, C.M., Grange, N., Passmore, M.A. Performance predictions for a single seater junior formula electric racing car 17573
Adcock, P., Garrish, M., Grange, N., Mitchell, P. Range prediction for electric vehicles and the applicability of standard drive schedules 48421
Adcock, P., Garrish, M., Mitchell, P. Performance comparison of advanced batteries in a solid polymer fuel cell hybrid electric vehicle 48392
Adcock, R. Fibre standards in the network 23018
Adde, R. *see* Aniel, F. 1499
Adde, R. *see* Sylvestre, A. 19031
Addeeb, A. Application of computer simulation in estimating geological reflector locations 47238
Adderley, B.M. *see* Wong, K.B. 36008
Addicott, G.W., Coakley, J.W. Impact of TQM during top management changes and restructuring 32318
Addie, R.G., Zukerman, M. Analysis of connection admission control and multiplexing gain in a B-ISDN based on a Gaussian traffic model 37573
Addington, L.A., Autry, T.A., De Gruson, J.A. Fabrication and testing of beta"-alumina electrolyte assemblies 17156
Addison, R.C., Jr., McKie, A.D.W., Liao, T.-L.T., Ryang, H.-S. In-site process monitoring using laser-based ultrasound 9839

Additon, S.L. *see* Leaver, D.E.W. 39782
Addleman, R.S., Crawford, B.A., Mech, S.J., Troyer, G.L., Greenwell, R.A. Survey of fiber-optic sensor for remote sensing in radiologically and chemically harsh environments 7640
Addoweesh, K.E. An exact analysis of an ideal static AC chopper 9945
Addoweesh, K.E., Al-Khalidi, M.S. AC chopping technique with phase and voltage control 17094
Addyman, A.M. Networking CD-ROMs using Z39.50 14235
Ade, P.A.R. *see* Irwin, P.G.J. 28578
Ade, R.W., Bossi, D.E., Berak, J.M., Sacks, R.N., Newman, L.A. GaAs integrated optoelectronic transceiver for fiber-optic link applications 6018
Adel, M. *see* Duek, R. 34722
Adema, G. *see* Morris, J.E. 3370
Adeney, K.M., Korenberg, M.J. Fast orthogonal search for array processing and spectrum estimation 36706
Aderholz, M. *see* Kim, W.S. 23920
Adesanya, C.A. *see* South, C.R. 4461
Adesida, I., Mahajan, A., Andideh, E., Khan, M.A., Olsen, D.T., Kuznia, J.N. Reactive ion etching of gallium nitride in silicon tetrachloride plasmas 2185
Adesida, I. *see* Agarwala, S. 27742
Adesida, I. *see* Ballegeer, D.G. 10902
Adesida, I. *see* Ballegeer, D.G. 28212
Adesida, I. *see* Chand, N. 18204
Adesida, I. *see* Chang, H. 27559
Adesida, I. *see* Grundbacher, R. 27545
Adesida, I. *see* Jong-Wook Seo 46445
Adesida, I. *see* Morikuni, J.J. 35633
Adesida, I. *see* Nummila, K. 2598
Adgey, A.A.J. *see* Anderson, J.McC. 39130
Adhami, R.R. *see* Hamidi, S.M. 45156
Adibi, A., Aghajani, A., Riahi, G.H. High speed and high precision digital relays in very high voltage power systems 16451
Adibi, M. *see* Stagg, G.W. 47419
Adie, C. Distributed multimedia information systems 30429
Adikesavulu, A.K. *see* Mukherji, S. 16941
Adinolfi, M., Cesta, A., Ferloni, F., Tuozzi, A. DRS-Sched: a knowledge based approach to scheduling access for data relay satellite systems 37966
Adishian, G.C., Miller, P.L., Maier, E.L. RF power generator performance parameters for plasma applications 42602
Aditya, S. Radiation and antenna fundamentals 44546
Aditya, S. *see* Kumar, R.R. 29259
Adjouadi, M., Candocia, F., Andrian, J., Sumargo, H. Application of wavelet transforms to stereo vision 13706
Adkins, B.T. *see* Rajakarunanayake, Y. 18171
Adkins, C. *see* Deju, H. 1744
Adkins, C.J. *see* Dammer, U. 42432
Adkins, W., Sherlock, T., Stein, H. Status of boiler tube life prediction using UT techniques 32524
Adler, B. *see* Hauptmann, P. 6402
Adler, D., Jacobs, M. Application of a narrow-band FW-CW system in the measurement of ice thickness 7628
Adler, D.L. *see* Benton, J.L. 10842
Adler, D.L. *see* Schuppler, S. 2020
Adler, E. *see* Paolella, A. 6132
Adler, E.L. SAW and pseudo-SAW properties using matrix methods 11438
Adler, E.L. *see* da Cunha, M.P. 24545
Adler, E.L. *see* de Cunha, M.P. 7666
Adler, F., Burkard, M., Prins, F.E., Lehr, G., Schweizer, H., Smith, G.W. Comparison of carrier dynamics in high quality 1D/0D GaAs/AlGaAs structures 27553
Adler, J.R. *see* Schweikard, A. 47120
Adler, M.S., Wildi, E.J., Daum, W., Becker, C.A. Multi-chip modules for analog and microwave: DC to 18 GHz 33398
Adler, M.S. *see* Chow, T.P. 11222
Adler, P.S. *see* Pelled, L.H. 40861
Adler, R. *see* Hacker, F. 27422
Adler, R.B., Daniel, S.L., Jr., Heising, C.R., Lauby, M.G., Ludorf, R.P., White, T.S. An IEEE survey of US and Canadian overhead transmission outages at 230 kV and above 47543
Adli, M., Mecke, R., Palis, F. A new control strategy of quasi-cycloconverter fed induction motor drive 8878
Adly, A.A., Mayergoyz, I.D., Gomez, R.D., Burke, E.R. Computation of magnetic fields in hysteretic media 43309
Adly, A.A. *see* Burke, E.R. 43302
Adly, A.A. *see* Gomez, R.D. 43249
Adly, A.A. *see* Mayergoyz, I.D. 43246
Admon, D. *see* Leonard, G. 31288
Adnanes, A.K. *see* Vangen, K. 17070
Adnet, L., Unter, T., Elze, G., Panafieu, J.P. Optical components for SDH 22421
Adney, J. *see* Anderson, D.R. 7064
Adolph, R.A. *see* Roscoe, B.A. 15670
Adolphsen, C. *see* Ruth, R.D. 46776
Adomenas, V., Bagdonavicius, V. Optimization of TV set technological training duration 38236
Adonina, A.I., Ostrovskiy, O.S. The dispersion characteristics of metal-dielectric periodic structures of finite thickness 36314
Adoul, J.-P. *see* Sanchez-Calle, V.E. 13149
Adriaensen, K. *see* Meylemans, P. 30585
Adriaenssens, G. *see* Tsvetkova, T. 27661
Adriaenssens, G.J., Oktu, O. Drift mobility measurements in a-$Si_{1-x}C_x$:H 27501
Adriaenssens, G.J. *see* Nesladek, M. 43611
Adrian, G. *see* Stolzel, C. 11529
Adrian, H. *see* Stolzel, C. 11529
Adrian, H. *see* Walkenhorst, A. 43357
Adrian, R.A. Sensor management 39247
Adriance, J. *see* Su, Y.Y. 1732
Adriani, O., Ambrosi, G., Castellini, G., Landi, G., Passaleva, G. Optical readout for double-sided silicon microstrip detectors 46977
Adve, R., Sarkar, T. The effect of noise in the data on the Cauchy method 44827
Adve, R. *see* Sarkar, T. 44467
Adve, R. *see* Sarkar, T. 44901
Adye, T., Beneteau, L., Camporesi, T., Charpentier, P., Donszelmann, M., Franek, B., Gaspar, C., Gavillet, P., Grant, A., Harris, F.J., Jonker, M., Sekulin, R., Smith, G.R. The DELPHI experiment control 38896
Adzic, R. *see* Feddrix, F. 17297
Ae, T. *see* Kakugawa, H. 5531
Aebi, T. *see* Coray, R. 36258
Aebi, T. *see* Coray, R. 44473
Aebi, V. *see* La Rue, R.A. 19314
Aebi, V.W., Costello, K.A., Davis, G.A., Weiss, A. Photocathode development for a 1300-nm streak tube 19281
Aerle, N.A.J.M.van *see* van Aerle, N.A.J.M.
Aerts, L. *see* Van Huffel, S. 24260
af Ugglas, M. *see* Abrahamsson, K. 15584
Afanas'ev, A.I. Choosing the pedestal dimensions of insulating structures 25557
Afanas'ev, E.V. *see* Sinchuk, O.N. 40687
Afanas'ev, V.N., Pudov, V.P., Khramov, V.A., Uvarov, E.F. Measurement of a pulsed ionizing radiation dose by a semiconductor diode operating nonlinearly 47139
Afanas'ev, V.V., De Nijs, J.M.M., Balk, P. Necessity of hydrogen for activation of implanted fluorine in Si/SiO_2 structures 10768
Afanas'eva, E.Yu. *see* Ageev, V.N. 1924
Afanas'eva, M.G. *see* Sinchuk, O.N. 33106
Afanas'eva, M.G. *see* Sinchuk, O.N. 40687
Afanasiadi, L.Sh., Galunov, N.Z., Lysova, I.V., Prokuronov, M.V., Shishov, N.I. Liquid scintillators for identifying ionizing radiation by pulse shape 7197
Afanasiev, G.N., Dubovik, V.M., Shabanov, S.V. New degrees of freedom of the electromagnetic field and sources [toroidal solenoid] 4018
Afanasiev, Yu.V. *see* Strokach, A.P. 46701
Afanasieva, L.E. *see* Pastushenkov, Yu.G. 43269
Afanasjev, V.V., Grudinin, A.B. Soliton propagation and polarization mode-locking in birefringent optical fibres 3018
Afanasjev, V.V. *see* Hook, A. 20321
Afanasyev, A.I. *see* Aleksandrov, G.N. 39622
Afanas'yev, E.V. *see* Sinchuk, O.N. 33106
Afek, Y., Brown, G.M. Self-stabilization over unreliable communication media 14111
Afek, Y. *see* Efendovich, A. 42021
Affolter, B., Berlinger, R. System Davor (data management and organization) 45720
Affolter, N. *see* Buczek, H. 11625
Afifi, E. *see* Baher, H. 18825
Afifi, H. A hierarchical directory based X.400 server 14139
Afifi, S.E., Saba, A.E., Shenouda, A.Y. Performance characteristics of lead oxides in pasted lead/acid battery electrodes 17222
Afifi, S.E. *see* Askar, M.H. 48088
Afify, M.A. *see* Abd El-Salam, F. 10676
Afonenko, A.A., Kononenko, V.K., Manak, I.S. Bistable lasing in quantum-well lasers 12096
Afonenko, A.A., Manak, I.S., Pikulik, V.G. Injection-laser picosecond optical radiation sources for optical rangefinding 12507
Afonenko, A.A. *see* Kononenko, V.K. 43948
Afonin, A.A., Belyi, P.N., Fursenko, S.L. Investigating the armature reaction effect in linear magneto-electric motors with controlled current layer 8461
Afonin, D.G., Dubrovskii, V.V., Malyshkin, A.K. Computerized facility for electrodynamic system studies 46581
Afonin, S.L., Golovkov, A.A., Malinov, V.A., Charukhchev, A.V. Response speed of large-aperture electro-optic shutters with annular electrodes 3184
Afshar-Hanaii, N., Peerlings, J., Evans, A.G.R., Carter, J.C. Improved hot-electron degradation in *n*MOSFETs with elevated source and drain structures realised by selective epitaxial growth of silicon using silane only 2514
Afshari, A., Galula, W., Monasterolo, G., Sanz, J. Integrated energy management in domestic environment 17619
Aftab, S. *see* Styblinski, M.A. 26572
Aftanas, L.I., Kuzminov, S.V., Grishchuk, I.A. Use of a supplementary monitor 'HERCULES' in IBM PC AT 286/386/486 system for visual evoked potential formation 24277
Afzalzadeh, R., Karekar, R.N. Characteristics of a rectangular microstrip patch antenna with protecting spaced dielectric superstrate 36378
Agafonov, A., Gevorgyan, G., Krastelev, E., Kustov, A., Lebedev, A., Martynchuk, N., Mikhalev, P., Fedotov, V., Zakharov, S., Yablokov, B. Linac driver for the FEL project at P.N. Lebedev Institute 46721
Agahdel, F. *see* Roebuck, R. 340
Agan, M.J. *see* Abbe, B.S. 37636
Agan, M.J. *see* Abbe, B.S. 37918
Agapito, J.A.de *see* de Agapito, J.A.
Agapito, L.de *see* de Agapito, L.
Agari, T. *see* Asakawa, M. 43691
Agari, T. *see* Asakawa, M. 43965
Agarwal, A. Course design and its implementation for effective training 137
Agarwal, A. High-power, low-loss broadband, SPDT switch for VHF applications 1676
Agarwal, A. Understanding paper documents 4926
Agarwal, A. HRD and training in DOT [Department of Telecommunications] 37207
Agarwal, A., Babb, J., Chaiken, D., D'Souza, G., Johnson, K., Kranz, D., Kubiatowicz, J., Beng-Hong Lim, Maa, G., Mackenzie, K., Nussbaum, D., Parkin, M., Yeung, D. Sparcle: a multithreaded VLSI processor for parallel computing 18772
Agarwal, A. *see* Gokhale, D. 37749
Agarwal, A. *see* Gupta, S.C. 14639
Agarwal, A.K. Low-cost approach for testing fiber optic couplers and splitters 28447
Agarwal, A.K. Novel low cost approach to test large port-count fiber optic components 35344
Agarwal, A.N. *see* Chandrashekhara, K. 11399
Agarwal, A.N. *see* Chandrashekhara, K. 28331
Agarwal, B.L. *see* Kasturirangan, K. 32035
Agarwal, D.A. *see* Amir, Y. 45355
Agarwal, G.C. *see* Siri, K. 25552
Agarwal, M.K. *see* Joshi, S. 8778
Agarwal, M.K. *see* Yousefi, G.H. 1863
Agarwal, R., Sen Gupta, I. On the synthesis of gate matrix layout 41827
Agarwal, R. *see* Pecht, M.G. 42327
Agarwal, R.C., Chander, V., Pillai, S.P. Issues in the design of towed array sonar systems 14724
Agarwal, R.P., Puranik, K.K. Salient aspects of interturn insulation of high voltage motors 16791
Agarwal, S.H., Prabhu, V.N. Application of artificial neural networks in adaptive interlocking systems 16453
Agarwal, S.H. *see* Khaparde, S.A. 16452
Agarwal, S.K. *see* Joseph, J. 6349
Agarwal, T.K. *see* Qin, J. 41215
Agarwal, V.K. *see* La Forge, L.E. 41800
Agarwal, V.K. *see* Tanir, O. 5662
Agarwal, V.K. *see* Tanir, O. 22405
Agarwal, V.K. *see* Treuer, R. 10160
Agarwala, S., Adesida, I., Caneau, C., Bhat, R. Characteristics of selective reactive ion etching of InGaAs/InAlAs heterostructures using HBr plasma 27742
Agarwala, S. *see* Ballegeer, D.G. 10902
Agarwala, S.S.S. *see* Kumar, L. 30908
Agashe, C., Marathe, B.R. Influence of film thickness and substrate on the growth of sprayed SnO_2:F films 868
Agata, M. *see* Aizawa, T. 35439
Agata, M. *see* Yamauchi, H. 26918
Agata, M. *see* Yamauchi, H. 26951
Agatsuma, K. *see* Arai, K. 2882
Agazzi, O.E., Shyh-Shiaw Kuo Hidden Markov model based optical character recognition in the presence of deterministic transformations 22052
Agbinya, J.I. Image decimation and interpolation using orthogonal transforms 36909
Agbor, N.E. *see* Barker, P.S. 23754
Agee, B.G. Solving the near-far problem: exploitation of spatial and spectral diversity in wireless personal communication networks 14490
Agee, B.G. *see* Reed, J.H. 29614
Agee, J.C. *see* Hoa Vu 24596
Ageev, A.I., Andreev, N.I., Balbekov, V.I., Chirkov, P.N., Dolzhenkov, V.I., Gertsev, K.F., Gridasov, V.I., Myznikov, K.P., Smirnov, N.L., Sychev, V.A., Sytnik, V.V., Tarakanov, N.M., Tkachenko, L.M., Vasiliev, L.M., Zinchenko, S.I., Zlobin, A.V. Results on testing pilot industrial batch of SC magnets for the UNK 15546
Ageev, O.A. *see* Sechenov, D.A. 10941
Ageev, V.N., Afanas'eva, E.Yu., Solov'ev, S.M., Grigor'ev, A.K. Initial stages of the interaction of silicon with iridium 1924
Ageichik, A.A., Dimakov, S.A., Resunkov, Yu.A., Stepanov, V.V., Sherstobitov, V.E. Four-wave mixing of radiation in the gain medium of E-beam sustained CO_2 laser 11956
Ageichik, A.A. *see* Sherstobitov, V.E. 21056
Agelidis, V.G., Ziogas, P.D., Joos, G. An optimum modulation strategy for a novel "notch" commutated 3-Φ PWM inverter 40345
Ager, J.W. *see* Seongil Im 18137
Ager, J.W., III *see* Kin Man Yu 34519
Ager, J.W., III *see* Moll, A.J. 19535
Ager, J.W., III *see* Moll, A.J. 42638
Ager, R. *see* Rimai, L. 864

Agerkvist, F.T. Time-frequency analysis with temporal and spectral resolution as the human auditory system 13372
Aggarwal, A., Wadhwa, S. Computer network design for a chip manufacturing plant 26146
Aggarwal, I. *see* Dennis, M.L. 28773
Aggarwal, I.D. *see* Harbison, B.B. 3007
Aggarwal, J.K. *see* Chen-Chau Chu 29884
Aggarwal, J.K. *see* Lebegue, X. 37042
Aggarwal, J.K. *see* Talluri, R. 36919
Aggarwal, N., Doiron, T., Sanghera, P.S. Vision system for dial gage torque wrench calibration 38720
Aggarwal, R., Dellwo, D.R., Friedman, M.B. Parallel solution of Fredholm integral equations of the second kind by accelerated projection methods 620
Aggarwal, R., Moore, P. Digital communications for protection. I. General principles 16446
Aggarwal, R. *see* Agrawal, V.K. 31406
Aggarwal, R.K., Coury, D.V., Johns, A.T., Kalam, A. A practical approach to accurate fault location on extra high voltage teed feeders 16484
Aggarwal, R.K., Johns, A.T., Bo, Z.Q. Non-unit protection technique for EHV transmission systems based on fault-generated noise. Part 2: signal processing 39656
Aggarwal, R.K., Johns, A.T., Song, Y.H., Dunn, R.W., Fitton, D.S. Neural-network based adaptive single-pole autoreclosure technique for EHV transmission systems 39541
Aggarwal, R.K. *see* Daniel, J. 7999
Aggarwal, R.K. *see* Johns, A.T. 8026
Aggarwal, R.K. *see* Johns, A.T. 39467
Aggarwal, R.K. *see* Johns, A.T. 39655
Aggarwal, R.K. *see* Song, Y.H. 16246
Aggarwal, R.L. *see* Wall, K.F. 12050
Aggarwal, V. *see* Haldar, S. 28128
Aggoun, A., Ashur, A., Ibrahim, M.K. Bit-level pipelined digit-serial multiplier 18592
Aggoun, A., Ibrahim, M.K. Digital filters implementation using DPCM video signal processing 13529
Aggoun, A., Ibrahim, M.K. DPCM video signal/image cosine transform 22281
Aggoun, A., Ibrahim, M.K., Daemi, M.F. A new automatic threshold selection algorithm for edge detection 4995
Aggoune, M.E. *see* Vadari, S.V. 24840
Aghajan, H.K., Kailath, T. Sensor array processing techniques for super resolution multi-line-fitting and straight edge detection 13622
Aghajan, H.K. *see* Khalaj, B.H. 435
Aghajan, H.K. *see* Khalaj, B.H. 17929
Aghajani, A. *see* Adibi, A. 16451
Aghdasi, F. Synthesis of self-clocked asynchronous state machines 26853
Aghvami, A.H. *see* Bayar, E. 1620
Aghvami, A.H. *see* Bayar, E. 19132
Aghvami, A.H. *see* Haines, R.J. 36487
Aghvami, A.H. *see* Lucyszyn, S. 27269
Aghvami, A.H. *see* Mak, S.K. 29646
Aghvami, A.H. *see* Ramos, R.E. 5824
Aghvami, A.H. *see* Ramos, R.E. 14428
Aghvami, A.H. *see* Robertson, I.D. 31398
Aghvami, A.H. *see* Tsie, K.Y. 22825
Aghvami, H. *see* Lin, Q. 1642
Aghvami, H. *see* Madani, K. 22897
Agi, K. *see* Carin, L. 4267
Agishev, I.N., Karpuck, S.M., Rubanov, A.S., Tolstik, A.L., Chaley, A.V. Color multistability in Fabry-Perot interferometer 3843
Agius, B., Hugon, M.C., Jiang, N., Varniere, F., Plais, F., Pribat, D., Froment, M., Puech, M. Floating temperature deposition of device quality SiO_2 thin films by DECR plasma 18276
Agius, B. *see* Stroh, R.J. 34952
Agizim, A. *see* Kravtsov, V. 46331
Agne, M., Lambrecht, A., Schiessl, U., Tacke, M. Guided modes and far-field patterns of lead chalcogenide buried heterostructure laser diodes 35861
Agne, M. *see* Lambrecht, A. 9640
Agnelli, S., Defever, S., Rodriguez, F., Wannman, H. Optimisation of the physical link performance for ATM satellite user access 14544
Agnello, P. *see* Viswanathan, R. 26943
Agnello, P. *see* Viswanathan, R. 28274
Agnello, P.D. *see* Sedgwick, T.O. 18151
Agnesi, A., Reali, G.C., Kubecek, V., Kumazaki, S., Takagi, Y., Yoshihara, K. β-Barium borate and lithium triborate picosecond parametric oscillators pumped by a frequency-tripled passive negative-feedback mode-locked Nd:YAG laser 20983
Agnesi, A., Reali, G.C., Tomaselli, A. Beam quality characterization of laser pulses by Z-scan techniques 3740
Agnetta, G., Ambrosio, M., Barbarino, G.C., Catalano, O., Lanza, A., Lauro, A., Liguori, G., Osteria, G., Torre, P., Scarsi, L. T&T: a new design for a front-end time digitizer electronics 31780
Agnew, D.G. *see* Nowrouzian, B. 10322
Agogino, A.M. *see* Hsi, S. 33267
Agoshkin, S.A. *see* Aliev, R.K. 25676
Agostena, L. *see* Iorio, R. 25488
Agostinelli, F.M. *see* Champion, T.C. 16356
Agostinelli, V.M., Jr. *see* Yue, C. 19822
Agoulmine, N., De Souza, J.N., Claude, J.-p. Intelligent model updating system in heterogeneous networks 5364
Agoulmine, N. *see* De Souza, J.N. 37292
Agoulmine, N. *see* Oliveira, M. 14045
Agranat, A.J. Electro-holographic artificial neural networks 20462
Agrawal, A., Cronin, J.P., Zhang, R. Review of solid state electrochromic coatings produced using sol-gel techniques 3200
Agrawal, B., De, V.K., Pimbley, J.M., Meindl, J.D. Short channel models and scaling limits of SOI and bulk MOSFETs 42970
Agrawal, B. *see* Meindl, J.D. 28253
Agrawal, D.P. *see* Meyer, M.D. 27077
Agrawal, G., Chen, B., Zhao, W. Local synchronous capacity allocation schemes for guaranteeing message deadlines with the timed token protocol 5492
Agrawal, G., Chen, B., Zhao, W., Davari, S. Guaranteeing synchronous message deadlines with the timed token medium access control protocol 45337
Agrawal, G.P. Effect of two-photon absorption on the amplification of ultrashort optical pulses 3027
Agrawal, G.P. *see* Bridges, R.E. 12313
Agrawal, G.P. *see* Gray, G.R. 43854
Agrawal, G.P. *see* Gray, G.R. 43946
Agrawal, G.P. *see* Headley, C., III 20706
Agrawal, G.P. *see* Ryan, A.T. 12380
Agrawal, J.P. Cross regulation in a two-output PRC using resonant tank circuit as separator between the outputs 25533
Agrawal, J.P., Lee, C.Q. Effects of output filter on cross regulation in SRC 25534
Agrawal, M., Isle, B., Krishnamurthy, H., Rastogi, A. Sensor communication in control networks 14120
Agrawal, M.B. *see* Guha, A. 5546
Agrawal, N. *see* Bhattacharya, B.K. 16531
Agrawal, N. *see* Reier, F.W. 41261
Agrawal, N.K. *see* Gupta, S.C. 6115
Agrawal, O.P. A high density PLD family optimized for high-speed and fixed, predictable routing delays 26823
Agrawal, O.P. AMD's next generation MACH3xx/4xx family breaks new PLD density/speed barrier 26827
Agrawal, O.P. Low cost, advanced CAD tools customized for AMD's next generation MACH family of EEPLDs 26834
Agrawal, O.P. Programmable logic devices architectures, applications and benefits 41808
Agrawal, O.P. Low cost CAD tools ease designing with the MACH family of EEPLDs 41812
Agrawal, P., Agrawal, V.D., Villoldo, J. Test pattern generation for sequential circuits on a network of workstations 10091
Agrawal, P., Goil, S., Liu, S., Trotter, J.A. Parallel model evaluation for circuit simulation on the PACE multiprocessor 41579
Agrawal, P. *see* Bose, S. 1147
Agrawal, P. *see* Bose, S. 33982
Agrawal, P. *see* Li, W.-N. 9899
Agrawal, R. *see* Kirkham, H. 7760
Agrawal, R. *see* Upadhyay, S.K. 26250
Agrawal, S. *see* Goel, L.R. 9354
Agrawal, S.L., Singh, I.B. Microprocessor based magnetic fluxmeter using unijunction transistor probe 6687
Agrawal, V.D. *see* Agrawal, P. 10091
Agrawal, V.D. *see* Bose, S. 1147
Agrawal, V.D. *see* Bose, S. 33982
Agrawal, V.D. *see* Chakradhar, S.T. 1132
Agrawal, V.D. *see* Chakradhar, S.T. 41777
Agrawal, V.D. *see* Chou, R.M. 41730
Agrawal, V.D. *see* Das, D. 33987
Agrawal, V.D. *see* Kanjilal, S. 41818
Agrawal, V.D. *see* Sureshkumar, P.R. 41835
Agrawal, V.K., Aggarwal, R., Bhatnagar, H.M. Design and development of coaxial microcalorimetric power standard in the 10 MHz-18 GHz frequency range 31406
Agrawala, A.K. *see* Sanghi, D. 14145
Agrawala, V. *see* Moser, L.E. 22537
Agro, G.Finazzi *see* Finazzi Agro, G.
Agrovskii, B.S., Vorob'ev, V.V., Myakinin, V.A., Sergeev, I.Ya. Sound generation in air by a solid surface absorbing eximer laser radiation 38728
Agu, M., Oguchi, K. 1/f fluctuation with pleasant human sensation and its application to household appliances 33155
Aguasca, A., Plana, J.M., Broquetas, A. A pulsed carrier recovery using a discrete conception of the PLL 23161
Aguasca, A. *see* Elias-Fuste, A. 32052
Aguayo, P. *see* Rodellar, V. 18597
Aguer, J. *see* Perra, A. 40450
Aguer, M. *see* Ambrosini, G. 38898
Aguera, A.Lopez *see* Lopez Aguera, A.
Aguero, J.L. *see* Pellizoni, R. 7881
Aguet, M., Dijamatovic, Y. Experiments of the Electrical Service of the town of Lausanne 48215
Aguet, M., Fromentin, M., Lavanchy, H., Benisty, D. Network for voltage quality control 25069
Agui, T., Kokubo, Y., Nagahashi, H., Nagao, T. Extraction of face regions from monochromatic photographs using neural networks 13751
Agui, T. *see* Hongu, T. 30087
Agui, T. *see* Nagao, T. 29936
Aguierre Smith, T.G., Davenport, G. The stratification system a design environment for random access video 6213
Aguilar, J.D. *see* Abarca, A. 26675
Aguilar, J.F., Mendez, E.R. Images of dielectric film structures on reflecting substrates 411
Aguilera, J.M.Garcia *see* Garcia Aguilera, J.M.
Aguilera, S., Olcay, M., Zamora, S., Santana, G., Navarro, M. Measurements and analysis of time-characteristics of silicon photodiodes 11850
Aguili, T., Ben Ayed, R., Krichen, S., Hamdi, N. Calculation of microstrip line with the generalized transverse resonance method 36307
Aguirre, G., Errecalde, M., Esquivel, S., Leguizamon, G., Gallard, R. Design features of high level layers in Lahnos, a local area heterogeneous network operating system 45529
Aguirre, I.J.O., Fernandez, E.A. Modulation control of the power input to a laser 20967
Aguirre, J.E. *see* Kubiak, J.A. 32530
Agusti, R., Casadevall, F. Advanced techniques to compensate propagation effects on mobile communications systems 30653
Agzamova, M.Kh., Edgorova, D.M., Karimov, A.V., Nurkuziev, G. Investigations of thermal electromotive forces for moulded powders of bismuth and antimony tellurides with admixtures of ferrum and boron 33074
Ah Chung Tsoi *see* Watson, B. 4564
Ahalt, S.C. *see* Fowler, J.E. 4851
Ahalt, S.C. *see* Fowler, J.E. 29766
Ahalt, S.C. *see* Fowler, J.E. 29925
Ahalt, S.C. *see* Fowler, J.E., Jr. 22042
Ahalt, S.C. *see* Hermann, D.J. 5087
Ahamd, U., Swaminathan, M., Hong, B., McDonald, J. Selection criteria for high performance connectors 1689
Ahamed, S.V., Lawrence, V.B. Interoperability of multiple databases for the design and simulation of high-speed digital subscriber lines 5633
Aharoni, A., Bashaw, M.C., Hesselink, L. Capacity considerations for multiplexed holographic optical data storage 35308
Aharoni, A., Jakubovics, J.P. Moving two-dimensional domain walls 43276
Aharoni, A. *see* Bashaw, M.C. 11578
Aharoni, E. *see* Koren, G. 35275
Aharoni, G., Averbuch, A., Coifman, R., Israeli, M. Local cosine transform—a method for the reduction of the blocking effect in JPEG 22113
Ahearn, J.S. *see* Tidrow, M.Z. 38504
Ahern, F.J., Leckie, D.G., Werle, D. Applications of RADARSAT SAR data in forested environments 32120
Ahern, S.M. *see* Herman, M.H. 28623
Ahlen, A., Sternad, M. Filter design via inner-outer factorization: Comments on "Optimal deconvolution filter design based on orthogonal principle" 29664
Ahlen, A. *see* Sternad, M. 44825
Ahlers, E. *see* Pregla, R. 3112
Ahlers, F.-J. *see* Nachtwei, G. 19391
Ahlers, H. *see* Schmidt, W.-D. 23585
Ahlgren, E. *see* Holt, A. 17367
Ahlgren, W.L., Sen, S., Johnson, S.M., Konkel, W.H., Vigil, J.A., Ruth, R.P. Vapor-phase growth of epitaxial and bulk ZnSe 755
Ahlswede, R. The maximal error capacity of arbitrarily varying channels for constant list sizes 21479
Ahlswede, R., Bassalygo, L.A., Pinsker, M.S. Nonbinary codes correcting localized errors 21627
Ahlswede, R., Csiszar, I. Common randomness in information theory and cryptography. I. Secret sharing 21462
Ahluwalia, A. *see* De Rossi, D. 46523
Ahluwalia, H.S. *see* Hendricks, K.J. 44376
Ahluwalia, K., Nicolau, T. Standardization of controls for economical design of industrial plants 39908
Ahmad, A. *see* Abdelrahman, M.A. 9010
Ahmad, A. *see* Puharic, M. 16339
Ahmad, A. *see* Thakur, R.P.S. 2175
Ahmad, H.B., Jiang, X., King, T.A. Operation of Cr^{4+}:Mg_2SiO_4 pumped with a titanium sapphire laser 43758
Ahmad, I., Chen, C.Y.R. Grouping variables into multiport memories for ASIC data path synthesis 18659
Ahmad, I., Dhodhi, M.K., Saleh, K., Storer, R.H. High-level synthesis of self-recoverable ASICs using micro rollback 10037
Ahmad, I. *see* Ahmad, S. 27226
Ahmad, I. *see* Steinbauer, E. 38839
Ahmad, J., Jeans, T.G., Evans, B.G. DSP based carrier recovery technique for OQPSK mobile satellite communications 22872
Ahmad, J. *see* Khan, H.U. 13482
Ahmad, M., Akhter, P., Mufti, A. Effects of temperature on the performance parameters of BSF silicon solar cells 48132
Ahmad, M. *see* Fadul, F. 32485
Ahmad, M.Masood *see* Masood Ahmad, M.
Ahmad, M.O. *see* Wang, S. 10239

Ahmad, N. Design and study of the characteristics of an ionization chamber for gamma-ray dosimetry 38870
Ahmad, N.U. Conversion of a transmission system fault study program to include power circuit breaker interrupt ratings for quick evaluation on personal computer 47364
Ahmad, R., Halsall, F. Interconnecting high-speed LANs and backbones 5443
Ahmad, R., Halsall, F., Lam, K. Priority control in ATM networks 5158
Ahmad, R., Halsall, F., Zhang, J. Bandwidth allocation in private ATM networks 5304
Ahmad, R., Halsall, F., Zhang, J.S., Lam, K. Private ATM networks: alternative control algorithms and their performance 13980
Ahmad, R. *see* Weaver, E.T. 5502
Ahmad, S., Akhtar, J., Sarma, A.S.V., Gopal, R., Ahmad, I., Kumar, M. Silicon MM-wave IMPATTs 27226
Ahmad, S., Wahab, M.A. A statistical thermodynamics and growth restrictions (STGR) model of polytypism with special reference to zinc sulfide 639
Ahmad, S. *see* Chowdhury, N. 32308
Ahmad, S.N., Dhruvanarayana, L., Bharath Kumar, Chandra, U., Kumar, V. Evolution of computerised fuel handling controls in Indian NPP 8114
Ahmad, T., Rezazadeh, A.A., Gill, S.S. Effect of base dopants on the bias stress stability of AlGaAs/GaAs HBTs 2461
Ahmad, Z.A. *see* Abbas, M. 30287
Ahmadi, D. *see* Mukunda Rao, M. 22968
Ahmadi, M. *see* Erfani, S. 18869
Ahmadi, M. *see* Huei Wang 34274
Ahmadi, M. *see* Khasnabish, B. 5222
Ahmadi, M. *see* Nosratinia, A. 18931
Ahmadi, M. *see* Ramachandran, V. 13301
Ahmadi, M. *see* Yazdi, N. 10319
Ahmadpanah, M. *see* Aubrion, M. 10495
Ahmed, A.A.N. *see* Abdallah, E.A. 10507
Ahmed, A.A.N. *see* Abdallah, E.A.F. 10422
Ahmed, A.S.M. *see* Jibrail, W.W.S. 22754
Ahmed, B., Mahmoud, M.S., Otung, I.E. Fade measurements at 20 GHz using MAYAK and OLYMPUS satellites 22961
Ahmed, B. *see* Otung, I.E. 21256
Ahmed, E., Hill, A.E., Pilkington, R.D., Tomlinson, R.D. Growth and annealing of $CuIn_{0.75}Ga_{0.25}Se_2$ thin films 867
Ahmed, F.I., Abdel-Halim, I.A.M., El-Sherif, M.Z., Hamed, H.G. Effect of supply inductance and terminal capacitors on the characteristics of a group of induction motors 40176
Ahmed, F.I., Zaki, A.M., Eldin Ali, E.A. Efficiency improvement of induction motor under light load conditions 40227
Ahmed, H. Modelling features of metal-silicon annealing using pulsed electron beam 34596
Ahmed, H. Electron beam broadening in nanolithography 34857
Ahmed, H. *see* Blaikie, R.J. 19340
Ahmed, H. *see* Gajda, M.A. 31160
Ahmed, H. *see* Goodings, C.J. 42858
Ahmed, H. *see* Hornsey, R.I. 27547
Ahmed, H. *see* Hoyle, P.C. 33740
Ahmed, H. *see* Hussain, T. 42612
Ahmed, H. *see* Nakazato, K. 28219
Ahmed, H. *see* Srinivas, T.A.S. 31222
Ahmed, H. *see* Warris, J. 27796
Ahmed, H. *see* Wei Chen 27930
Ahmed, H.A. *see* Abdul-Kader, R. 34623
Ahmed, H.M., Khurram, M.U. State dependent nonlinear adaptive lattice filters 36734
Ahmed, H.M. *see* Khurram, M.U. 1340
Ahmed, H.M. *see* Khurram, M.U. 4705
Ahmed, I., Krane, R.J., Parsons, J.R. A preliminary investigation of the cooling of electronic components with flat plate heat sinks 40954
Ahmed, K.A., Liu, H.F. Characterisation of timing jitter in the gain-switched distributed feedback laser 35850
Ahmed, M., White, B.A. Robust motion parameter estimation from a monocular image sequence 13722
Ahmed, M.A. *see* Aly, A.I.M. 32658
Ahmed, M.E., Al-Suwaiyel, M.I. Fast methods for code search in CELP 4480
Ahmed, M.M. Fossil power plant performance goals: Will a DCS aid or undermine? 32718
Ahmed, N., Bairi, B.R., Bandopadhyay, B. Control system analysis and design approach for 500 MWe PHWR 16617
Ahmed, N. *see* Chang, B.K. 21745
Ahmed, P.Rafeeq *see* Rafeeq Ahmed, P.
Ahmed, R., Perreault, D. High speed low connectivity (HSLC) counter [using cellular automata concept] 10084
Ahmed, S. *see* Ching-Wei Yeh 41863
Ahmed, S. *see* Parashar, S. 32072
Ahmed, S.A. *see* Hussain, T.M. 23621
Ahmed, S.S. *see* Handschin, E. 47424
Ahmed, S.Usman *see* Usman Ahmed, S.
Ahmed, T., Dowell, J., Ellis, N., Fensome, I., Garvey, J., Jovanovic, P., Noyes, G., Stokes, W., Jonsson, L., Lundberg, B., Eisenhandler, E., Dowdell, J., French, M., Jaroslawski, S., Prydderch, M. A pipelined first-level forward muon drift chamber trigger for H1 38929
Ahmed, W. *see* Lec, R.M. 16062
Ahmed, W. *see* Lec, R.M. 23542
Ahmed, Z., Tucker, R.S., Zhai, L. Discontinuous modulation response of grating-assisted extended-cavity semiconductor lasers 35832
Ahmed, Z., Tucker, R.S., Zhai, L. Narrow-band modulation characteristics of grating-assisted extended cavity semiconductor lasers 35851
Ahmed, Z., Zhai, L., Lowery, A.J., Onodera, N., Tucker, R.S. Locking bandwidth of actively mode-locked semiconductor lasers 12157
Ahmed, Z. *see* Lowery, A.J. 20872
Ahmed, Z. *see* Zhai, L. 35806
Ahmed, Z. *see* Zhai, L. 35852
Ahmed-Zaid, S., Awed-Badeeb, O. Dynamic interaction of synchronous generators and induction motor loads 25435
Ahn, B.C. *see* Yoon, J.K. 34995
Ahn, C.C. *see* Atwater, H.A. 33611
Ahn, C.C. *see* Nikzad, S. 673
Ahn, C.H., Allen, M.G. A planar micromachined spiral inductor for integrated magnetic microactuator applications 19177
Ahn, C.H., Allen, M.G. A new toroidal-meander type integrated inductor with a multilevel meander magnetic core 42266
Ahn, I. Evaluation of a parallel database machine for caller dependent routing 22468
Ahn, J. *see* Joshi, A.B. 42955
Ahn, K., Sahni, S. NP-hard module rotation problems 26558
Ahn, K., Sahni, S. Flipping modules to improve circuit performance and routability 41581
Ahn, S. *see* Ganguly, A.K. 27419
Ahn Bong Man *see* Bong Man Ahn
Ahn Byung Chul *see* Byung Chul Ahn
Ahn Byung Tae *see* Byung Tae Ahn
Ahn Chieteuk *see* Chieteuk Ahn
Ahn Dong-Joon *see* Dong-Joon Ahn
Ahn Doyeol *see* Doyeol Ahn
Ahn Hae-Il *see* Hae-Il Ahn
Ahn Ki Hwan *see* Ki Hwan Ahn
Ahn Seong Joon *see* Seong Joon Ahn
Ahn Seung Joon *see* Seung Joon Ahn
Ahn Seung-Ho *see* Seung-Ho Ahn
Ahn Sung Tae *see* Sung Tae Ahn
Ahne, H. *see* Leuschner, R. 11101
Ahnert, W., Feistel, R. EARS auralization software 14845
Ahokas, H., Ohberg, A., Hinkkanen, H., Rouhiainen, P. Site investigation equipment developed by Teollisuuden Voima Oy 16014
Ahonen, A.I., Hamalainen, M.S., Ilmoniemi, R.J., Kajola, M.J., Knuutila, J.E.T., Simola, J.T., Vilkman, V.A. Sampling theory for neuromagnetic detector arrays 31919
Ahonen, A.I., Hamalainen, M.S., Kajola, M.J., Knuutila, J.E.T., Laine, P.P., Lounasmaa, O.V., Parkkonen, L.T., Simola, J.T., Tesche, C.D. 122-channel SQUID instrument for investigating the magnetic signals from the Human brain 24214
Ahopelto, J., Lezec, H., Ochiai, Y., Usui, A., Sakaki, H. Maskless InP wire formation on planar GaAs substrates 26400
Ahopelto, J. *see* Lezec, H.J. 27535
Ahouzi, E., Campos, J., Yzuel, M.J. Influence of the noise in optical pattern recognition with preprocessing 29896
Ahouzi, E. *see* Campos, J. 13516
Ahr, O. *see* Legros, D. 32648
Ahrabian, Q., Madadi, H. Estimation of pole position of an inverter fed permanent-magnet synchronous machine by the extended Kalman filter 40567
Ahren, L. *see* Huang, H. 7044
Ahrenkiel, R.K. *see* Vernon, S.M. 41294
Ahrens, J. *see* Lohmann, D. 46810
Ahsan, J., Khan, M.F., Shabir, M., Zaman, N. Rings characterized by their fuzzy submodules 527
Ahsan, Q. *see* Hoque, A. 25112
Ahtianen, A., Chatras, B., Hornbeek, M., Kesti, S. Experiences with Octopus automated TTCN translation tools applied to GSM/SS7 30235
Ahuja, D.S. *see* Jain, V.K. 3365
Ahuja, N., Abbott, A.L. Active stereo: integrating disparity, vergence, focus, aperture and calibration for surface estimation 21943
Ahuja, N. *see* Das, S. 4928
Ahuja, N. *see* Hu, X. 13614
Ahuja, N. *see* Hu, X. 22211
Ahuja, N. *see* Krichnan, A. 45221
Ahuja, N. *see* Krishnan, A. 4980
Ahuja, N. *see* Zhen Hong 36917
Ahumada, A.J., Jr. *see* Peterson, H.A. 22081
Ai, B. *see* Malec, D. 28297
Ai, C. *see* Xu, Y. 23895
Ai, L. *see* Hutchinson, S.A. 24327
Ai, M. *see* Shinoda, H. 15827
Ai Bui *see* Bui Ai
Ai Jun *see* Hongpu Li 3278
Ai-di Qian *see* Zhi-zhang Xu 3453
Ai-Guo Wu *see* Li Zhang 28118
Ai-Guo Wu *see* Wu Ai-Guo
Ai-Guo Xiao *see* Xiao Ai-Guo
Ai-Qin Liu *see* Liu Ai-Qin
Aiba, J. Designers seek optimum forms, prices for mobile phone isolators 14504
Aiba, K. *see* Morimoto, M. 8889
Aiba, K. *see* Yamamura, N. 17421
Aibara, N. *see* Shishido, A. 23827
Aibara, R. *see* Koyanagi, M. 2942
Aicklen, G.H., Tamil, L.S. Interactive analysis of propagation in optical fibers 2962
Aida, H. *see* Nakahara, A. 5241
Aida, H. *see* Saito, T. 45526
Aida, K. *see* Masuda, H. 12076
Aida, K. *see* Masuda, H. 43795
Aida, K. *see* Sato, Y. 30755
Aida, K. *see* Sato, Y. 45993
Aida, T., Tanuma, H., Sasaki, S., Yaguchi, T., Taguchi, S., Koganezawa, N., Nonaka, Y. Emission life and surface analysis of barium-impregnated thermionic cathodes 19284
Aida, T. *see* Hattori, T. 31561
Aida, T. *see* Kusunoki, T. 10607
Aidarous, S., Weinstein, S.B. Distributed systems for telecommunications 37342
Aidnik, D.L. *see* Fenzi, N.O. 1577
Aidong Jiang *see* Jiang Aidong
Aidong Shen *see* Hailong Wang 751
Aiello, G.R., Mills, M.R. Log-ratio technique for beam position monitor systems 15421
Aiello, G.R., Mills, M.R. Beam position monitor electronics using DC coupled demodulating logarithmic amplifiers 15452
Aiello, R., Pagani, E., Paolo Rossi, G. Causal ordering in reliable group communications 30166
Aiello, R., Pagani, E., Rossi, G.P. Design of a reliable multicast protocol 5488
Aiga, M. *see* Arimoto, S. 12177
Aiga, M. *see* Arimoto, S. 20844
Aiga, M. *see* Nishimura, T. 3633
Aiga, M. *see* Shima, A. 3635
Aiga, M. *see* Shima, A. 43907
Aigo, T., Yashiro, H., Goto, M., Jono, A., Tachikawa, A., Moritani, A. Thermal resistance and electronic characteristics for high electron mobility transistors grown on Si and GaAs substrates by metal-organic chemical vapor deposition 19902
Aigrain, P., Joly, P. The automatic real-time analysis of film editing and transition effects and its applications 46255
Aiguier, D. *see* Treado, T.A. 27418
Aiguo Yin, Xiaoqi Bao, Varadan, V.K., Varadan, V.V. Fiber acoustic sensor 23524
Aihara, K., Sakata, Y., Tago, N. Ultra-high-bandwidth heat resistant leaky coaxial cable 5700
Aihara, K., Yamamoto, M., Mizutani, T. Three-terminal conductance modulation of a quantum interference device using a quantum wire with a stub structure 28058
Aihara, K. *see* Kanou, N. 18924
Aihara, K. *see* Kanou, N. 42102
Aihara, M. *see* Arai, A. 25003
Aihara, M. *see* Ebinuma, Y. 24952
Aihara, M. *see* Narumi, S.-i. 43310
Aihara, Y., Shindo, T., Miki, M., Suzuki, T. Laser-guided discharge characteristics of long air gaps and observation of the discharge process 25035
Aihara, Y. *see* Kawasaki, S. 17348
Aihara, Y. *see* Shindo, T. 32466
Aihong, Z. *see* Xinzhi, H. 11800
Aihua Wang *see* Jianhua Zhao 33049
Aihua Yang *see* Yang Aihua
Aihua Zhang *see* Zhang Aihua
Aikawa, H. *see* Fijita, I. 11592
Aikawa, I. *see* Ohtomo, A. 42914
Aikawa, K., Kawahara, H., Tohkura, Y. Phoneme recognition using a dynamic cepstrum parameter incorporating the time-frequency characteristics of forward masking 21681
Aikawa, K. *see* Himeno, K. 35416
Aikawa, K. *see* Ishida, A. 43893
Aikawa, K. *see* Katagishi, K. 4559
Aikawa, K. *see* Katagishi, K. 29506
Aikawa, M. *see* Muraguchi, M. 1608
Aikawa, M. *see* Yamanaka, K. 23775
Aikawa, N., Yabiku, N., Sato, M. Maximally flat FIR bandpass digital filter 27067
Aikawa, S., Okuno, T., Ohmoto, R. Bit interleaving technique as a radar interference canceller 14701
Aikawa, S. *see* Okada, T. 5717
Aiken, P.H. *see* Halskov Madsen, K. 6247
Aikens, M. *see* Horowitz, Y.S. 31798
Aiki, M. *see* Fukada, Y. 45916
Aiki, M. *see* Takahashi, T. 38035
Aikiba, T. *see* Kitsukawa, G. 26953
Aikin, J.A., Lade, C.R., McCutcheon, R.G., Bagshaw, B.W. Valve packing qualification for improved plant availability [CANDU plants] 16613
Aikoh, H. *see* Tanaka, Y. 35540
Aimin Cheng *see* Cheng Aimin
Aimin Han *see* Han Aimin
Aimin Hou A theory of measurement in diagnosis from first principles 38369
Aimoto, Y. *see* Sugibayashi, T. 26919
Aimoto, Y. *see* Sugibayashi, T. 26954
Aindow, M., Cheng, T.T., Jones, I.P., Astles, M.G., Williams, D.J. Atomic force microscopy of growth features on epitaxial CdHgTe films 41264

Aindow, M., Cheng, T.T., Mason, N.J., Seong, T.-Y., Walker, P.J. Geometry and interface structure of island nuclei for GaSb buffer layers grown on (001) GaAs by metalorganic vapour phase epitaxy 9560

Ainslie, B.J. *see* Bonar, J.R. 35719

Ainslie, B.J. *see* Williams, D.L. 35918

Ainspan, H.A. *see* Soyuer, M. 34141

Ainsworth, W.A. Theoretical and simulation approaches to error correction strategies in automatic speech recognition 13014

Aints, M., Haljaste, A., Kudu, K., Sobek, V. Development of breakdown in uniform HF electric field 11349

Airphaiboon, S., Sangworasil, M., Kondo, S. Handwritten Thai character recognition based on loop structure analysis 13749

Aisawa, S., Noguchi, K., Koga, M., Matsumoto, T., Amemiya, Y., Sugita, A. Neural-processing-type optical WDM demultiplexer 45954

Aisheng He *see* Bisong Cao 36430

Aissani, A. Unreliable queuing with repeated orders 5194

Ait Amer, S., Magnaudeix, S., Duverneuil, P. On the behavior of rapid thermal CVD reactors 9729

Ait Amrane, O., Moulines, E., Grenier, Y. Structure and convergence analysis of the generalized multi-delay adaptive filter 13392

Ait-Abdelmalek, R. *see* Bocquet, B. 5007

Ait-Ameur, K. Influence of the longitudinal position of an aperture inside a cavity on the transverse mode discrimination 35914

Ait-Ameur, K., Stephan, G., Paddon, P., May, A.D. Principles of an intracavity polarimeter for measuring small optical anisotropies with an application to diffractive dichroism 35934

Ait-Bousbdallah, M. *see* Sari, Z. 17071

Ait-Boudaoud, D. *see* Cemes, R. 10311

Ait-Boudaoud, D. *see* Cemes, R. 42056

Ait-Sadi, R., Lowery, A.J., Tuck, B. Two-dimensional temperature modelling of DH laser diodes using the transmission-line modelling (TLM) method 28840

Ait-Sadi, R., Naylor, P. An investigation of the different TLM configurations used in the modelling of diffusion problems 12642

Aitchison, C.S. *see* Jia Yi Liang 43634

Aitchison, C.S. *see* Liang, J.Y. 28680

Aitchison, J.S. All-optical switching using AlGaAs waveguide devices at 1.55 μm 12405

Aitchison, J.S. *see* Al-hemyari, K. 35433

Aitchison, J.S. *see* Bonar, J.R. 35719

Aitchison, J.S. *see* Grant, R.S. 3488

Aitchison, J.S. *see* Ironside, C.N. 35466

Aitchison, J.S. *see* Tsang, H.K. 3804

Aitken, B.G. *see* Newhouse, M.A. 43796

Aitken, G.J.M. *see* Jones, P.F. 22088

Aitken, R.C. A comparison of defect models for fault location with I_{dd} measurements 1197

Aitken, R.C. *see* Maxwell, P.C. 2625

Aitken, T.W. *see* Lilley, J.S. 7394

Aitov, N.L., Zeigarnik, V.A., Kirillov, V.G., Rickman, V.Ju., Sinel'nikov, A.F., Tseluiko, A.V. Experimental pulse disk MHD generator 25757

Aitov, T.N., Sherbak, N.B. Application of parabolized method to calculation of the MHD-flows in the curvilinear channel [of MHD generators] 25768

Aivazyan, G.M. Algorithms and a universal calculation program for Mie coefficients 12591

Aiyama, Y., Yamamoto, M. Superconducting magnet 43369

Aiyama, Y. *see* Sekine, S. 16462

Aiyer, R.C. *see* Youseh, M.H. 29298

Aizaki, N. *see* Fukuzawa, S. 18738

Aizaki, N. *see* Hirasawa, S. 27906

Aizaki, N. *see* Kojima, Y. 27875

Aizaki, N. *see* Nakajima, K. 27873

Aizaki, N. *see* Sugibayashi, T. 26919

Aizaki, N. *see* Sugibayashi, T. 26954

Aizawa, K. *see* Komatsu, T. 31015

Aizawa, K. *see* Komatsu, T. 45077

Aizawa, K. *see* Murota, J. 9650

Aizawa, K. *see* Murota, J. 9651

Aizawa, K. *see* Saito, T. 22284

Aizawa, M. Molecular interfacing for protein molecular devices and neurodevices 42337

Aizawa, M., Nishiyama, H., Ueno, A., Kuroishi, M., Eguchi, K., Arai, H. Development of tubular type SOFC by wet process 17378

Aizawa, T., Ravikumar, K.G., Akiyama, M., Watanabe, T., Sekiguchi, T., Agata, M., Yamauchi, R. Bending loss characteristics of MQW optical waveguides 35439

Aizawa, T. *see* Ihara, I. 9823

Aizawa, Y. *see* Arai, S. 19308

Aizenberg, G.E., Swart, P.L., Lacquet, B.M. Bilinear transformed reflectance of materials with a spatially changing refractive index 35305

Aizenbud, Y., Leibowitz, M., Chang, P., Smith, D., Koenemann, B., Iyengar, V., Rosen, B. AC test quality: beyond transition fault coverage 1120

Aizhu Chen *see* Chen Aizhu

Ajan, A. *see* Ramamurthy Acharya, B. 41430

Ajibulu, A. The evolution of a mature cable TV network 31034

Ajiki, K. *see* Ema, S. 25894

Ajimine, E.M. *see* Yang, C.Y. 35288

Ajioka, T., Nara, A., Tominaga, Y., Ushikoshi, T., Kitabayashi, H. A method of eliminating B-mode dielectric breakdown failure in gate oxides utilizing a charging phenomenon 34621

Ajioka, T. *see* Tanaka, H. 34059

Ajioka, T. *see* Uchida, H. 10769

Ajiro, M., Miyata, H., Kan, T., Soga, M., Ono, M. Satellite image processing system utilizing an extended cellular array processor 22163

Ajisawa, A., Oda, N. Multiple quantum well infrared photodetectors 15009

Ajisawa, A. *see* Kanno, T. 31272

Ajith Kumar, B.P., Kannaiyan, J., Sugathan, P., Bhowmik, R.K. The NSC 16 MV tandem accelerator control system 46722

Ajjarapu, V. The role of bifurcation and continuation methods in the analysis of voltage collapse 39476

Ajjarapu, V. *see* Lee, B. 7729

Ajji, Z., Buck, M., Woll, C. Investigation of nucleation centres in diamond chemical vapour deposition with spatially resolved X-ray photoelectron spectroscopy 33742

Ajmera, A. *see* Gelpey, J.C. *(editor)* 43

Ajmera, P.K. *see* Ling, Z.G. 34499

Ajmera, P.K. *see* Madani, M.R. 2104

Ajmone Marsan, M., Bianco, A., Ciminiera, L., Sisto, R., Valenzano, A. Integrating performance analysis in the context of LOTOS-based design 37153

Ajmone Marsan, M. *see* Jereb, L. 45364

Ajuria, S.A. *see* Kenkare, P.U. 35081

Ajuria, S.A. *see* Tobin, P.J. 34761

Ajustron, F. *see* Coratger, R. 27587

Ajvazyan, H.M. Hail formation onset in a cloud, determined by a "window" in the ice absorption index in submillimeter wavelength 12602

Akabane, T. *see* Nakamura, S. 21679

Akaboshi, H., Yasuura, H. COACH: a computer aided design tool for computer architects 18766

Akada, M. *see* Kashiwagi, T. 37830

Akaev, A., Kutanov, A., Andrisaev, B., Dordoev, S., Snimshikov, I. Outer product implementation of holographic disk based photonic neural network 11569

Akaev, A.A., Gurevich, S.B., Zhumaliev, K.M., Abakirova, J. Information processes in holographic memory devices 2946

Akaev, A.A., Kutanov, A.A., Dordoev, S.Z., Abdrisaev, B.D., Snimshchikov, I.A. Optoelectronic neuron network around a holographic photothermoplastic disk 28571

Akagi, F., Yamamoto, T., Tsuchiya, R., Yoshida, K. Computer analysis of overwrite mechanism in longitudinal recording 43296

Akagi, H. *see* Fujita, H. 1304

Akagi, H. *see* Fujita, H. 8633

Akagi, H. *see* Ogasawara, S. 8790

Akagi, H. *see* Ogasawara, S. 40152

Akagi, H. *see* Peng, F.Z. 7697

Akagi, H. *see* Shinkawa, O. 17448

Akagi, H. *see* Tanaka, T. 9963

Akagi, H. *see* Tanaka, T. 16955

Akagi, K. *see* Kobashi, S. 16589

Akagi, M. *see* Kodama, N. 43303

Akagi, S. *see* Fujita, K. 39716

Akagi, T. *see* Hikita, M. 22865

Akahira, N. *see* Miyagawa, N. 20268

Akaho, S. Curve fitting that minimizes the mean square of perpendicular distances from sample points 33508

Akahori, T. *see* Harada, Y. 42551

Akahori, Y., Ikeda, M., Kohzen, A. A 2.8 Gbit/s monolithically integrated long wavelength five-channel pin-HEMT array and an ultra-wide-bandwidth pin-HEMT 35625

Akahori, Y., Ikeda, M., Kohzen, A., Akatsu, Y 11 GHz ultrawide-bandwidth monolithic photoreceiver using InGaAs pin PD and InAlAs/InGaAs HEMTs 37979

Akahori, Y., Ikeda, M., Kohzen, A., Itaya, U. Crosstalk characteristic of monolithically integrated receiver arrays 35640

Akai, K. Performance of SRF systems in storage rings 15427

Akai, K. *see* Kako, E. 15505

Akai, K. *see* Padamsee, H. 6995

Akai, K. *see* Shishido, T. 15356

Akai, K. *see* Suetake, M. 6993

Akai, Y. *see* Watanabe, T. 31965

Akaishi, A. *see* Kimura, S. 21433

Akama, K. *see* Ikeuchi, T. 45641

Akama, K. *see* Mabuchi, H. 18610

Akamatsu, B. *see* Miya, S. 2143

Akamatsu, K., Kawatsu, H. Advanced technology for numeric control die-sinking EDMs [electric discharge machines] 25972

Akamatsu, K., Nakamura, T., Masuda, M. Double side polishing for VLSI of silicon wafer: one side mirror polishing considered with etched wafer roughness 10918

Akamatsu, K. *see* Shinkai, M. 25962

Akamatsu, S., Sasaki, T., Fukamachi, H., Suenaga, Y. Automatic extraction of target images for face identification using the sub-space classification method 22162

Akamine, I. *see* Takayama, R. 6598

Akamine, T. *see* Saitoh, N. 9699

Akane, T. *see* Yoshida, N. 10913

Akansu, A.N., Caglar, H., Liu, Y. An objective performance measure in multiresolution signal decomposition 21717

Akansu, A.N. *see* Benyassine, A. 36839

Akao, K. *see* Nakano, M. 15236

Akao, N., Matsuda, T., Sugimoto, K. Influence of Dy content on aqueous corrosion of TbDyFeCo magneto-optical recording films 41491

Akarun, L., Haddad, R.A., Ersoy, C. Use of bitonic sorters for rank order filtering 21770

Akasaka, H. *see* Miyamoto, H. 20434

Akasaka, H. *see* Saito, J. 20418

Akasaka, N., Katsurashima, W., Nonaka, T., Hattori, T., Matsuda, Y. Design and qualification of optical fiber coating for ribbon fiber 5917

Akasaka, N. *see* Katsurashima, W. 5995

Akasaka, T., Araki, Y., Shimizu, I. In situ ellipsometric observation of the growth of crystalline silicon from fluorinated precursors 26480

Akasaka, T. *see* Ishihara, S. 9695

Akasaka, T. *see* Ishihara, S.-I. 26484

Akasaka, Y. *see* Saito, M. 34957

Akasaki, I., Amano, H. Conductivity control of AlGaN, fabrication of AlGaN/GaN multi-heterostructure and their application to UV/blue light emitting devices 1912

Akasaki, I. *see* Hirosawa, K. 658

Akasaki, I. *see* Taniguchi, M. 42299

Akashi, T. Applied fractal method to bioprocess of algae 15093

Akashi, T. *see* Takuma, T. 10612

Akatsu, Y. *see* Akahori, Y. 37979

Akatsuka, M. *see* Naito, K. 35735

Akay, M. *see* Ciaccio, E.J. 38957

Akay, M. *see* Ciaccio, E.J. 47036

Akay, M. *see* Ciaccio, E.J. 47103

Akazaki, M. *see* Takuma, T. 31372

Akazaki, T. *see* Enoki, T. 19041

Akazawa, H., Nagase, M., Utsumi, Y. Gas and adsorbate excitation pathways in synchrotron radiation excited Si growth using disilane 26500

Akazawa, K. *see* Uchiyama, T. 31929

Akbar, A., Houlgate, R., Kawamura, T., Lampe, W., Lumb, C., Petrusch, W., Schneider, H., Sklenicka, V., Vitet, S., Zagliani, F. Insulator pollution monitoring 47551

Akbar, S. *see* Fowler, B. 19671

Akbarov, N.F. *see* Abdukadyrov, M.A. 40476

Akduman, I. An inverse scattering problem related to buried cylindrical bodies illuminated by Gaussian beams 46075

Akei, M., Niwa, M., Shinonaga, M., Miyauchi, H., Matsumura, M. Radar image cross-range scaling method by analysis of picture segments 23104

Akella, V., Gopalakrishnan, G. SHILPA: a high-level synthesis system for self-timed circuits 26886

Akella, V. *see* Gopalakrishnan, G. 34021

Akella, V. *see* Gopalakrishnan, G. 41598

Akella, V.B. *see* Wehenkel, L. 24656

Aker, K.van den *see* van den Aker, K.

Akerberg, D. Novel radio access principles useful for third generation mobile radio systems 37761

Akerib, D. *see* Alexander, J.P. 24110

Akerib, D. *see* Young, B.A. 24033

Akerib, D.S. *see* Bebek, C.J. 31786

Akermann, A., III Pyramidal techniques for multisensor fusion 45169

Akers, S.B. *see* Park, S. 1165

Akeson, J.K., Casey, B.K., Dagli, A.A., Glickman, S.E., Kalisz, T. Cost impact of telecommunications switch software problems on divested Bell operating companies 45709

Aketagawa, M. *see* Takada, K. 31442

Akeyoshi, T., Maezawa, K., Mizutani, T. Weighted sum threshold logic operation of MOBILE (monostable-bistable transition logic element) using resonant-tunneling transistors 10052

Akeyoshi, T., Maezawa, K., Mizutani, T. Threshold logic function on both positive and negative weighted sums in multiple-input monostable-bistable transition logic elements 41795

Akeyoshi, T. *see* Maezawa, K. 41773

Akgul, T., El-Jaroudi, A., Simaan, M.A. A novel solution to multi-scale deconvolution of sensor array signals 4600

Akherraz, M. Analysis and design of a DC to DC resonant converter for railroad applications 17096

Akhmadeev, M.Kh. *see* Markov, Yu.N. 3299

Akhmanov, S.A., Chirkin, A.S., Golovnin, I.V. On stability of excited frequencies in a doubly-resonant optical parametric oscillator 21058

Akhmediev, N., Soto-Crespo, J.M. Stability of the soliton states in a nonlinear fiber coupler 35390

Akhmediev, N. *see* Ankiewicz, A. 3876

Akhmediev, N.N., Ankiewicz, A Generation of train of solitons in quadrature 35999

Akhmediev, N.N., Buryak, A. Three-core nonlinear fibre couplers: soliton states and bifurcation phenomena 35392

Akhmediev, N.N., Town, G., Wabnitz, S. Soliton coding based on shape invariant interacting soliton packets: the three-soliton case 23079

Akhmedov, B.A. *see* Mokhov, E.N. 26413

Akhmedov, F.A. *see* Al-Oran, B.F. 40477

Akhmetov, A.A., Devred, A., Ogitsu, T. Periodicity of crossover currents in a Rutherford-type

cable subjected to a time-dependent magnetic field 47533
Akhmetov, F.A., Kutlimratov, A. Eight-element high-voltage photoconverters based on GaAs-AlGaAs heterosystems 40475
Akhmetshin, A.M. Flaw detection in laminated structures by the dynamic free-vibration method in the complex resonance frequency plane 18351
Akhmetzyanov, S.Kh. *see* Lyamets, Yu.Ya. 39649
Akhtar, J. *see* Ahmad, S. 27226
Akhtar, M. *see* Bashir Uddin, Md. 8371
Akhtar, M. *see* Uddin, B. 16831
Akhtar, S., Tiwari, S. Non-quasi-static transient and small-signal two-dimensional modeling of GaAs MESFET's with emphasis on distributed effects 35020
Akhter, P. *see* Ahmad, M. 48132
Akiba, E. *see* Huot, J. 48070
Akiba, M. *see* Tsuji, H. 28422
Akiba, R. *see* Kaya, N. 32381
Akiba, S. *see* Horiuchi, Y. 30845
Akiba, S. *see* Suzuki, M. 5970
Akiba, T. *see* Kitsukawa, G. 26921
Akiba, Y. *see* Kiyota, H. 1875
Akikawa, K., Hayashi, Y., Hirayama, K., Hayashi, Y. Measurement of material constant for a sample placed between two coaxial lines 23846
Akil, M. *see* Natowicz, R. 45088
Akimichi, H. *see* Uchiyama, K. 43665
Akimoto, H. *see* Dierickxx, B. 24001
Akimoto, K. *see* Okuyama, H. 33594
Akimoto, K. *see* Ozawa, M. 42548
Akimoto, K. *see* Tamba, N. 34046
Akimoto, T., Suenaga, Y., Wallace, R.S. Automatic creation of 3D facial models 4786
Akimoto, T. *see* Nishikawa, O. 42380
Akimoto, Y. Frequency stabilized laser for optical frequency standards 46274
Akimoto, Y. *see* Klapper, D.B. 16152
Akimoto, Y. *see* Kyusojin, A. 18070
Akimoto, Y. *see* Ogi, H. 25594
Akimoto, Y. *see* Yoshimoto, K. 25217
Akimov, A.G., Zybin, D.N., Lipatov, N.I., Nefedov, S.M., Protsenko, D.E., Tikhomirova, T.A. Effect of the spatial structure of the radio-frequency discharge on the impedance of a laser head 11929
Akimov, A.I., Levshin, L.V., Saletskii, A.M. On the difference in concentration dependences of lasing efficiency of rhodamine 6G aqueous and ethanol solutions 12037
Akimov, B.A., Gaskov, A.M., Glonty, V.N., Ivanchik, I.I., Putilin, F.N., Ryabova, L.I. Laser deposited PbTe(Ga) films 42454
Akimov, K.Yu. Energy losses of fast charged particles in thin silicon detectors 15616
Akimov, N.K., Berezinets, P.A., Vasil'ev, M.K., Alekso, A.I., Gvozdev, A.V., Ershov, Yu.A., Ol'khovskii, G.G., Petrov, Yu.V., Proskuryakov, G.V., Barinberg, G.D., Chukanov, A.D. District-heating combined-cycle plant of 130 MW capacity 16689
Akimov, P.I., Syrovoy, V.A. The theory of antiparaxial expansions in the optics of dense electron beams in the presence of a nonuniform ion background 10603
Akin, J.R. *see* Baer, W. 7585
Akin, S. *see* Tan, J. 24280
Akingbehin, K. *see* Likine, E. 26122
Akins, R.B. *see* West, J.L. 3835
Akintunde, J.A. Effects of heat treatments on the electrical properties of Te-implanted laser-annealed GaAs 34682
Akioka, T. *see* Ookuma, S. 18732
Akisada, M. *see* Umetani, K. 7385
Akishin, A.I., Tyutrin, Yu.I. Using laser radiation to induce relaxation of proton and electron charges in irradiated dielectrics 11341
Akishin, A.I., Vitoshkin, E.A., Savel'eva, L.M., Tyutrin, Yu.I. Laser simulation of single radiation breakdowns in microcircuits 10165
Akita, K. *see* Ito, Y. 14344
Akita, S. *see* Torii, S. 24974
Akita, S. *see* Tsukamoto, O. 16779
Akita, S. *see* Watanabe, T. 33135
Akitsu, H., Kutsuwada, N., Omodani, M., Hoshino, Y. Image quality improvement by pre and post processing in DCT coding 13477
Akitt, D.R. *see* Sellathamby, C.V. 3729
Akitt, D.R. *see* Sellathamby, C.V. 12301
Akiyama, A., Sasaki, T., Seto, T., Mori, A., Ishigaki, R., Itoh, S., Yutani, N., Kimata, M., Tubouchi, N. 1040×1040 infrared charge sweep device imager with PtSi Schottky-barrier detectors 46503
Akiyama, A. *see* Seto, T. 31283
Akiyama, H. *see* Kadoya, Y. 2188
Akiyama, H. *see* Kametani, H. 10764
Akiyama, H. *see* Katsuki, S. 36126
Akiyama, H. *see* Koshiba, S. 18209
Akiyama, H. *see* Koshiba, S. 41349
Akiyama, H. *see* Shimomura, N. 38640
Akiyama, H. *see* Uedono, A. 19471
Akiyama, I. *see* Ohya, A. 32127
Akiyama, K., Takimoto, A., Ogawa, H. Photoaddressed spatial light modulator using transmissive and highly photosensitive amorphous-silicon carbide film 20501
Akiyama, K. *see* Kuratomi, Y. 3251
Akiyama, K. *see* Kuratomi, Y. 11778
Akiyama, K. *see* Yoshitake, S. 3654
Akiyama, M. How we change the technique and system of post production for the age of wide aspect TV 23322
Akiyama, M. Significance and future prospect of nuclear heat utilization in Japan 33150
Akiyama, M., Ishikawa, J. Repetitive track seeking algorithm for optical disk drives 20275
Akiyama, M., Ohashi, H., Takumi, K., Shinohara, Y., Hirose, M., Ban, H., Kasuya, T. Super-simulator for nuclear power plant 47649
Akiyama, M. *see* Aizawa, T. 35439
Akiyama, M. *see* Horikawa, M. 31901
Akiyama, M. *see* Iyoda, M. 12303
Akiyama, M. *see* Kamimura, H. 35078
Akiyama, M. *see* Nishimura, E. 43974
Akiyama, M. *see* Onozawa, S. 18677
Akiyama, M. *see* Sato, S. 30174
Akiyama, M. *see* Shikata, M. 10101
Akiyama, N., Serizawa, M., Mizuno, F., Ikota, M., Takami, K., Ema, S. Development of on-machine printing system for spatial filter 11809
Akiyama, R. *see* Ando, A. 38832
Akiyama, S. *see* Uraoka, Y. 33324
Akiyama, T., Terasaki, T., Harada, S. Measurement of short fatigue crack closure by surface wave ultrasonic testing 9826
Akiyama, T. *see* Fukuda, K. 26176
Akiyama, Y., Sugiura, O. Vibrating wire rope type vibro-actuator 48039
Akiyama, Y., Takaku, K. A study for the most suitable design of inverter drive induction motors 48173
Akiyama, Y., Yasuo, T., Ishida, N., Taniguchi, S., Saito, T. Development of a planar solid oxide fuel cell at Sanyo 17276
Akiyama, Y. *see* Eguchi, N. 20265
Akiyama, Y. *see* Sugiura, O. 16821
Akiyama, Y. *see* Sugiura, O. 44270
Akiyama, Y. *see* Takaku, K. 47879
Akiyoshi, K. *see* Genno, S. 23042
Akka, R. Utilizing 6D head-tracking data for stereoscopic computer graphics perspective transformations 22246
Akkad, F.El *see* El Akkad, F.
Akker, F.M.van den *see* van den Akker, F.M.
Akkerman, A. *see* Levinson, J. 11106
Akkerman, A. *see* Lifshitz, Y. 33334
Akmese, R. *see* Eastham, J.F. 47862
Akoh, H. *see* Cristiano, R. 24132
Akoh, H. *see* Cristiano, R. 38878
Akoh, H. *see* Nakagawa, H. 15614
Akoh, H. *see* Sato, H. 35280
Akopov, F.A., Barykin, B.M., Borodina, T., Chubarov, Y.I., Krishenko, L.P., Pakhomov, E.P., Valiano, G.E. Alkali resistance and electroconductivity of the current leads ceramics on the basis of ceria 25797
Akopov, S.G., Korshunov, V.N., Solov'yev, V.S., Fomichev, B.N. Energy characteristics of the irregularity distribution functions of the geometrical structure of optical fibers 12661
Akopyan, A.A., Vitusevich, S.A., Malyutenko, V.K. Contact exclusion in a nonuniform electric field: case of a cylindrical sample 42469
Akopyan, M., Aseev, V., Gorbunov, V., Gratchev, M., Zaikovski, I., Yabzhanov, V. Magnetic field measurement of the Moscow Meson Factory experimental area magnets 15528
Akopyan, Yu.F. *see* Sergeyenko, N.M. 25758
Akpaida, V.O., Ijeh, O. An electronic undervoltage discriminator for the protection of voltage sensitive household appliances 39465
Akpaida, V.O.A., Mozimo, O. An experimental determination of the effect of undervoltage supply on the performance of some selected domestic electrical appliances 33157
Akpinar, E., Trahan, R.E., Nguyen, A.D. Modeling and analysis of closed-loop slip energy recovery induction motor drive using a linearization technique 33091
Akram, M.Faheem *see* Faheem Akram, M.
Akram, S., Bhat, I.B., Melas, A.A. Nitrogen doping of ZnSe by OMVPE using a novel organometallic precursor 41335
Akram, S., Ehsani, H., Bhat, I.B., Ghandhi, S.K. Characteristics of ZnSe layers grown on Zn-Stabilized and Se-stabilized GaAs substrates 754
Akritas, A.G., Akritas, E.K. Various proofs of Sylvester's (determinant) identity 33515
Akritas, E.K. *see* Akritas, A.G. 33515
Akroune, M. *see* Mouillet, A. 28356
Akrout, N., Allart, C., Diab, C., Prost, R., Goutte, R. A fast algorithm for vector quantization: application to codebook generation in image subband coding 13802
Akselrod, S. *see* Karin, J. 39058
Aksenov, V.A. *see* Krishchuk, N.G. 25008
Aksinenko, V.D., Glagoleva, N.S., Mandrik, O.Yu., Matyushin, A.T., Matyushin, V.T., Mirkovski, Ya. A gas-filled streamer chamber at the GIBS spectrometer 46967
Aksinenko, V.D., Vardenga, G.L., Glagoleva, N.S., Gusakov, Yu.V., Dement'ev, E.A., Kaminskii, N.I., Kozubskii, E.V., Kuznetsov, A.A., Kulakov, B.A., Lukstin'sh, Yu., Mandrik, O.Yu., Matyushevskii, E.A., Matyushin, A.T., Matyushin, V.T., Mukhin, S.V., Nikolaevskaya, E.A., Nurgozhin, N.N., Okhrimenko, O.V., Radomanov, V.B., Rozhnyatovskaya, S.A., Saitov, I.S., Khusanov, E.K. Streamer chamber of a magnetic GIBS spectrometer 7265
Aksinenko, V.D., Volkov, Yu.N., Matyushin, A.T., Matyushin, V.T., Rozhnyatovskaya, S.A. Gas-discharge probe to monitor the gas composition in a streamer chamber 6380
Aksoy, A., Coban, A., Naqvi, A.A., Khiari, F.Z., Hanly, J.M., Howell, C.R., Tornow, W., Felsher, P.D., Al-Ohali, M.A., Walter, R.L. Response-function measurement of an NE213 scintillator using the ^{2}H(d,n)^{3}He reaction 31674
Aksu, I. *see* Sumner, M. 17482
Aksyutenkov, V.A., Khabarov, E.N. Anomalous dispersion in the region of self-absorption of electron-hole plasma of a heterostructure laser 20912
Aktas, Y. *see* Willett, J.E. 28894
Aktouf, Ch., Robach, Ch., Mazare, G. Memory testing in a massively parallel machine 6308
Akujuobi, C.M., Barniecki, A.Z. Wavelets and fractals: overview of their similarities based on different application areas 13334
Akuta, T. *see* Narikiyo, T. 25466
Akuto, K. *see* Ukita, H. 11889
Akutsu, T. A polynomial time algorithm for finding a largest common subgraph of almost trees of bounded degree 18025
Akyildiz, I.F., Liebeherr, J., Tantawi, A.N. DQDB$^{+/-}$: a fair and waste-free media access protocol for dual bus metropolitan networks 37143
Akyildiz, I.F., von Brand, H. Exact solutions for networks of queues with blocking-after-service 37427
Akyildiz, I.F. *see* Liebeherr, J. 22515
Akyurt, M. *see* Najjar, Y.S.H. 16673
Akyurt, M. *see* Najjar, Y.S.H. 47788
Al Falou, A. *see* Horn-von Hoegen, M. 33648
Al Muhaisni, M. *see* Henderson, I.A. 26110
Al Saleh, I. *see* Hamwi, A. 48041
Al-Achkar, M., Scott, C.G. A study of diffusion processes in Cu_xS-CdS solar cells using Rutherford backscattering 48131
Al-Adnani, A., Chapman, R., Durrani, T.S. Time-domain design of low delay wavelet transforms 21710
Al-Ahmad, H., Lockhart, G.B. Design and analysis of recursive filters with optimum clutter rejection using zero frequency initialization 18864
Al-Ahmad, H. *see* Musa, M. 46032
Al-Akhras, M.A., Khan, A.A., Alamoud, A.M. DC modelling of modified field-effect transistor 43010
Al-Alaoui, M.A. Novel IIR differentiator from the Simpson integration rule 42023
Al-Ali, A.R., Alakhdar, S.Z., Al-Baiyat, S. Neural network implementation using microprocessor-based systems 10386
Al-Ali, A.R., Bakhashwain, J.M. Microcontroller-based multi-language clock-calendar 34083
Al-Ali, A.R., Guizani, M. Design of a data acquisition unit using photonic devices 46327
Al-Arainy, A.A. *see* Qureshi, M.I. 25040
Al-Arian, S.A. *see* Debany, W.H., Jr. 10047
Al-Asadi, M., Benson, T.M., Christopoulos, C. Interfacing field problems modelled by TLM to lumped circuits 33854
Al-Ashwal, A.M. Application of bond-graph technique to power system analysis. I. Power flow calculation 39536
Al-Assadi, W.K., Malaiya, Y.K., Jayasumana, A.P. Modeling of intra-cell defects in CMOS SRAM 10175
Al-Assadi, W.K., Malaiya, Y.K., Jayasumana, A.P. Faulty behavior of storage elements and its effects on sequential circuits 33981
Al-Attabi, A. *see* Fouracre, R.A. 35162
Al-Bahadly, I.H. *see* Ray, W.F. 8880
Al-Bahi, A.M., Abdelrahman, M.M. Numerical simulation of aircraft prescribed maneuvers 15956
Al-Baiyat, S. *see* Al-Ali, A.R. 10386
Al-Baiyat, S.A., Rahim, A.H.M.A. Dynamic braking resistor-reactor switching strategies through a novel linear transformation technique 7812
Al-Bassam, S., Bose, B. Design of efficient error-correcting balanced codes 21517
Al-Bassam, S., Bose, B. Design of efficient balanced codes 44685
Al-Baya, A.H., El-Banhawy, M.H., Al-Gobaisi, D.M.K. Design requirements and associated performance of SVC plant for the Abu Dhabi power system 47434
Al-Ci Qiu *see* Qiu Al-Ci
Al-Daas, M. *see* Rodriguez-Tellez, J. 19912
Al-Falou, A. *see* Horn-von Hoegen, M. 734
Al-Fitiani, A.A. *see* Vishvakarma, B.R. 29289
Al-Fitiani, A.A. *see* Vishvakarma, B.R. 29367
Al-Ghamdi *see* El-Amin 7894
Al-Ghoneim, K., Casasent, D. High-accuracy pipelined iterative-tree optical multiplication 43578
Al-Gobaisi, D.M.K. *see* Al-Baya, A.H. 47434
Al-Haddad, K. *see* Chandra, A. 17510
Al-Haddad, K. *see* Saad, M. 8529
Al-Hadithi, K. *see* Kettleborough, J.G. 48279
Al-Hafid, H.T. *see* Al-Rizzo, H.M. 44350
Al-Hajry, M.A. *see* El-Ghazaly, H.A. 33570

Al-Hakim, L.A. A new graph-theoretic formulation for VLSI floorplan design 28232
Al-Hamouz, Z. *see* Abdel-Salam, M. 24993
Al-Harbi, T.S. *see* El-Hennawy, A. 11194
Al-Harkan, A.M., Batkin, I.S. Theoretical investigation of a new method for detecting low level X-rays from VDT screens 38631
Al-hemyari, K., Villeneuve, A., Kang, J.U., Aitchison, J.S., Ironside, C.N., Stegeman, G.I. Ultrafast all-optical switching in GaAlAs directional couplers at 1.55 μm without multiphoton absorption 35433
Al-Jalili, Y.O., Barton, S.K. A novel frequency domain method for symbol timing recovery and its application in multi-carrier demodulators 22303
Al-Jalili, Y.O., Henriquez-Navarro, J.M. Performance of a novel synchronisation algorithm over AWGN channels 12798
Al-Jalili, Y.O., Henriquez-Navarro, J.M. Experimental study of a symbol timing synchronisation algorithm implemented in the frequency domain 21497
Al-Jalili, Y.O. *see* Barton, S.K. 5846
Al-Jarrah, R. Pade approximation of Stieltjes series associated with some Freud weights 18056
Al-Jassim, M.M. *see* Schultz, J.C. 1887
Al-Jassim, M.M. *see* Zhu, J.G. 9541
Al-Jibouri, A., Graham, W.G. Photodetachment measurements of the H^- and D^- density in a tandem multicusp ion source 46828
Al-Jumaily, G.A. *see* Edlou, S.M. 11805
Al-Kaisi, M.M. *see* Al-Rawi, N.A. 33023
Al-Kaisi, M.M. *see* Al-Rawi, N.A. 33024
Al-Kandari, A., Soliman, S.A., El-Naggar, K. Digital dynamic identification of power system subharmonics based on the least absolute value 24669
Al-Khafaji, M. *see* Manaf, A. 20134
Al-Khalidi, M.S. *see* Addoweesh, K.E. 17094
Al-Khalili, A.J. *see* Rouatbi, F. 26593
Al-Maaitah, A.A. The design of the Banki wind turbine and its testing in real wind conditions 16734
Al-Mansour, F., Tomsic, M. Heat pumps in industry 40673
Al-Mashhadani, E.M., Sadowski, M., Szydlowski, A. Measurements of fusion-produced protons with modern nuclear track detectors 46969
Al-Mashouq, K.A., Reed, I.S. The use of neural nets to decode adaptively in a variety of channels 12866
Al-Meer, M. *see* Al-Naami, R. 30176
Al-Mudaiheem, R.I. *see* Rahim, Y.H.A. 25426
Al-Naami, R., Al-Meer, M. Performance of slotted ALOHA with multi-packet buffers 30176
Al-Najmawi, J.S., Farish, O., Fouracre, R. Charging mechanisms of polymer spacers electrically stressed in SF_6 environment 35124
Al-Nashash, H.A.M. ECG data compression using adaptive Fourier coefficients estimation 31911
Al-Ohali, M.A. *see* Aksoy, A. 31674
Al-Ohaly, A. *see* Elrazaz, Z. 32203
Al-Orainy, A.A. MCB for the performance of multichannel optical systems incorporating semiconductor laser preamplifiers 14625
Al-Orainy, A.A. Analysis of crosstalk in WDM-ring networks 45987
Al-Oran, B.F., Akhmedov, F.A., Zakhidov, R.A., Muminov, R.A. Autonomous photovoltaic installations under torrid climate conditions 40477
Al'-Oran, B.F., Muminov, R.A., Tursunov, M.N. Effect of the properties of original silicon on characteristics of solar elements 33042
Al-Qaq, W.A., Devetsikiotis, M., Townsend, J.K. Importance sampling methodologies for simulation of wireless communication links 14386
Al-Rabeh, A.H. Optimal order diagonally implicit Runge-Kutta methods 33550
Al-Rabghi, O.M. *see* Najjar, Y.S.H. 16673
Al-Raweshidy, H.S. Spread spectrum synchronisation and CDMA labelling for WDM 5939
Al-Raweshidy, H.S., Street, A.M., Chen, L.Q., Edwards, D.J., Cryan, R.A. Experimental performance comparison of optical spread spectrum system using analogue and digital correlators 30809
Al-Raweshidy, H.S. *see* Cryan, R.A. 30606
Al-Rawi, N.A., Al-Kaisi, M.M., Asfer, D. Reliability of photovoltaic modules. I. Theoretical considerations 33023
Al-Rawi, N.A., Al-Kaisi, M.M., Asfer, D.J. Reliability of photovoltaic modules. II. Interconnection and bypass diodes effects 33024
Al-Refaie, S.N. Characteristics of trapping states and their equivalent circuit for the Al-$InPO_4$ interface 42591
Al-Rizzo, H.M., Al-Hafid, H.T., Vishvakarma, B.R. Effect of sand and dust storms on terrestrial microwave links 44350
Al-Rizzo, H.M. *see* Tranquilla, J.M. 46134
Al-Rowaihi, S.F. *see* Rodd, M.G. 45366
Al-Said, A. *see* King, W.L. 24888
Al-Saleh, M.A. *see* Gultekin, S. 25669
Al-Salti, M., Statham, A. A review of the literature on the use of SPC in batch production 26239
Al-Shamma'a, A. *see* Stuart, R.A. 43702
Al-Shamma'a, A.I. *see* Dearden, G. 43979
Al-Shareef, H.N., Gifford, K.D., Rou, S.H., Hren, P.D., Auciello, O., Kingon, A.I. Electrodes for ferroelectric thin films 34293
Al-Shareef, H.N. *see* Gifford, K.D. 11369
Al-Sharif, A.I. *see* Abu-Safia, H.A. 3300
Al-Shehri, A., Belhaj, C., Aref, M., Guizani, M. An expert system for load flow analysis planning 32353
AL-Sudany, H.M.H., Taha, S.M.R. A novel digital technique for the measurement of the polar and rectangular forms of impedances 31384
Al-Sultan, K.S. An algorithm for the determination of the optimum target values for two machines in series with quality sampling plans 17949
Al-Suwaiyel, M.I. *see* Ahmed, M.E. 4480
Al-Wasfi, A.A. *see* Alseyab, S.A. 21430
Al-Zakri, A.S. *see* Gultekin, S. 25669
Alabedra, R., Orsal, B. Electrical and optical noises in optoelectronic transmitters and receivers 11845
Alabedra, R. *see* Orsal, B. 12225
Alabedra, R. *see* Vandamme, L.K.J. 19365
Aladjem, M.E. Multiclass discriminant mappings 29902
Alaeddine, A., Brugeas, I., Reineix, A., Jecko, B. From travelling wave antennas to the radiation of microstrip lines 12723
Alaeddine, A., Reineix, A., Jecko, B. Radiation characteristics of a microstrip traveling-wave antenna—power balance 4285
Alaerts, A. *see* Dierickx, B. 24001
Alaettinoglu, C., Udaya Shankar, A., Dussa-Zieger, K., Ibrahim, M. Design and implementation of MaRS: a routing testbed 45615
Alakhdar, S.Z. *see* Al-Ali, A.R. 10386
Alam, M.S. Efficient trinary signed-digit symbolic arithmetic 35537
Alam, M.S. Real-time optical computing: multiprocessor design 43590
Alam, M.S., Hirayama, K., Hayashi, Y., Koshiba, M. A vector finite-element analysis of complex modes in shielded microstrip lines 21356
Alam, M.S., Karim, M.A. Joint transform correlation under varying illumination conditions of the target 21927
Alam, M.S., Karim, M.A., Awwal, A.A.S. Two-dimensional register design using polarization-encoded optical shadow-casting 35528
Alam, S.K., Richards, D.W., Parker, K.J. Detection of intraocular pressure change in a human eye model using sonoelastic Doppler ultrasound 7398
Alame, N., Shihab, S. A model for calculating the field distribution of polluted post insulators during flashovers 39632
Alameh, K.E., Minasian, R.A., Fourikis, N. Photonics-based beamforming network for active phased arrays 36445
Alamgir, M., Abraham, K.M. An improved Li/SO_2Cl_2 cell 17168
Alamgir, M. *see* Abraham, K.M. 17204
Alamkan, J. *see* Happy, H. 11240
Alamo, J.A.del *see* del Alamo, J.A.
Alamo, J.L.del *see* del Alamo, J.L.
Alamoud, A.M. *see* Al-Akhras, M.A. 43010
Alani, A.F., Musgrave, G., Ambler, A.P. A steady-state response test generation for mixed-signal integrated circuits 2633
Alarco, J.A. *see* Ivanov, Z.G. 35287
Alarcon, G. *see* Guy, C.N. 31946
Alarie, J.P., Vo-Dinh, T., Miller, G., Ericson, M.N., Maddox, S.R., Watts, W., Eastwood, D., Lidberg, R., Dominguez, M. Development of a battery-operated portable synchronous luminescence spectrofluorometer 6681
Alaverdian, R.B., Alodjants, A.P., Arakelian, S.M., Gevorkian, L.P., Makarov, V.A., Chilingarian, Yu.S. Limiting states of the short laser pulses in a DFB-system 20962
Alavi, B. *see* Gould, G.L. 16622
Alavi, M., Fabula, T., Schumacher, A., Wagner, H.-J. Monolithic microbridges in silicon using laser machining and anisotropic etching 6433
Alavie, A.T., Karr, S.E., Othonos, A., Measures, R.M. A multiplexed Bragg grating fiber laser sensor system 23655
Alavie, A.T., Karr, S.E., Othonos, A., Measures, R.M. Fiber laser sensor array 23672
Alavie, A.T. *see* Othonos, A. 15066
Alavie, T. *see* Glennie, D. 6546
Alavie, T. *see* Measures, R.M. 23668
Alavutdinov, J.N., Alimov, A.K., Gaziev, U.Kh., Kamalkhodzhaev, M.A. Pulsed concentrated light therapy 33142
Alay, J. *see* Pereira, R. 27567
Alaybeyi, M.M., Lee, J.Y., Rohrer, R.A. Numerical integration algorithms and asymptotic waveform evaluation (AWE) 26587
Alba, J.J., Sanchez, J., Tora, M., Reig, A., Legorburu, L., Marquinez, F. Integration of knowledge-based tools in an EMS environment: guide-lines and case study 32263
Alba, J.L. *see* Garcia, C. 13144
Alba, M. Cache technology today: from notebooks to 67 MHz+ file servers 26935
Alba, R. *see* Migneco, E. 7144
Albach, M. How to avoid filters in off-line power supplies 16976
Albanese, A. *see* Girardi, G. 14252
Albanese, A. *see* Girardi, G. 22659
Albanese, R., Penn, J., Medina, R. Ultrashort pulse response in nonlinear dispersive media 44313
Albanese, R., Rubinacci, G. Two-component vector potential formulations for solving Maxwell equations in closed cavities 44217
Albanese, R.J. *see* Andrei, R.G. 32201
Albanese, V.M. The importance of flexibility in NO_x control of stationary sources 39910
Albani, L. *see* Mattavelli, M. 31016
Albani, L. *see* Migliorati, P. 30999
Albani, M. *see* Bertolotti, M. 35869
Alber, G.M., Marshall, A.G., Hill, N.C., Schweikhard, L., Ricca, T.L. Ultrahigh-resolution Fourier transform ion cyclotron resonance mass spectrometer 7288
Alberico, G., Ripamonti, S., Sacco, B. DAB (Digital Audio Broadcasting): advanced solutions for sound broadcasting 46163
Alberkrack, J.H. *see* Lhermite, F. 32924
Albers, J. An exact solution of the steady-state surface temperature for a general multilayer structure 43089
Albers, J. *see* Pohlmann, W. 14635
Albers, J.N. *see* Schreiber, H.-U. 18582
Albers, W., Kallenberg, W.C.M., Otten, G.D. Accurate test limits with estimated parameters 26230
Albersmann, J., Muller, H. Supply processing with a system exemplified by network management technology [power systems] 16198
Albert, G.E. Global warming and clean water, environmental protection policies for the 1990s 33294
Albert, J., Malo, B., Bilodeau, F., Johnson, D.C., Hill, K.O., Hibino, Y., Kawachi, M. Photosensitivity in Ge-doped silica optical waveguides and fibers with 193-nm light from an ArF excimer laser 44098
Albert, J. *see* Bilodeau, F. 35550
Albert, J. *see* Bilodeau, F. 35553
Albert, J. *see* Malo, B. 2966
Albert, J. *see* Malo, B. 43389
Albert, R., Albert, T., Marcoux, P. Fast, cost effective die attach and SMT solder joint inspection with reverse geometry X-ray imaging 33425
Albert, R.F. *see* Grabs, U. 8943
Albert, T. *see* Albert, R. 33425
Albert, T.M. X-ray system applications using reverse geometry for high sensitivity 9828
Albertazzi, A., Jr., Seara, R., Uliana, P.B. A new amplitude weighted filtering technique for noise reduction in images with 2π phase jumps 29875
Alberti, E.B. Continuous-time adaptive control of consumer electronic circuits 1080
Alberti, M. *see* Merri, M. 31957
Alberti, S., Danly, B.G., Gulotta, G., Giguet, E., Kimura, T., Menninger, W.L., Rullier, J.L., Temkin, R.J. Experimental study of a 28 GHz high-power long-pulse cyclotron autoresonance maser oscillator 3405
Alberti, S. *see* Rullier, J.L. 43694
Albertine, J.R. Recent high energy laser system tests using the MIRACL/SLBD 32169
Albertinetti, N., Minden, H.T. Sputter distribution of a large scale ion beam coater 9721
Albertini, A. *see* Nucci, C.A. 48091
Albertos, P. *see* Villanueva, H.E. 39697
Alberts, V., Neethling, J.H., Vermaak, J.S. Nucleation and growth of gallium arsenide on silicon (111) 41285
Alberts, V. *see* Leitch, A.W.R. 42463
Alberts, W.G., Dietz, E., Guldbakke, S., Kluge, H. Response of an electronic personal neutron dosemeter 39126
Albertsson, O. *see* Hornfeldt, S. 32902
Alberty, R.L. *see* Crum, T.D. 32081
Albicki, A. *see* Hossain, R. 37721
Albicki, A. *see* Wronski, L.D. 23065
Albin, D. *see* Rockett, A. 40470
Albiol, A., Vergara, L. On the use of instantaneous phase variance for clutter suppression 21772
Albo, J.L. *see* Fontan, F.P. 29176
Albrand, G. *see* Grezes-Besset, C. 11806
Albrecht, D. *see* Paoletti, D. 41545
Albrecht, E. *see* Adam, W. 7259
Albrecht, E. *see* Adam, W. 31715
Albrecht, E. *see* Adam, W. 46929
Albrecht, G. *see* Comaskey, B. 20713
Albrecht, G.F. *see* Comaskey, B. 12085
Albrecht, G.F. *see* Sutton, S.B. 3537
Albrecht, H. *see* Wolf, T. 37645
Albrecht, J. *see* Panknin, D. 27505
Albrecht, M. *see* Bauser, E. 18213
Albrecht, M. *see* Hansson, P.Q. 9598
Albrecht, M. *see* Hansson, P.Q. 18214
Albrecht, T.F. *see* Lutgen, S. 9644
Albrecht, W. Fire in the flue gas cleaning plant at Munich North refuse incineration heating power plant 32630
Albrektsen, O. *see* Salemink, H.W.M. 42460
Albridge, R.G. *see* McKinley, J.T. 44082
Albright, J., Braswell, R., Listvinsky, G., McAllister, M., Myrick, S., Ono, D., Thom, H. Design and fabrication of a 50 MW_t prototypical MHD coal-fired combustor 25320

Albrigo, T. Total cost of performing analog-to-digital upgrades [nuclear plants] 32559
Albuquerque, A.A. *see* Rodrigues, A.J. 37897
Albuquerque, A.A.de *see* de Albuquerque, A.A.
Alcalde, I. *see* Hein, B. 30559
Alcantara, J.I. *see* Blamey, P.J. 7484
Alcantara, J.I. *see* Blamey, P.J. 31988
Alcantara, R. *see* Lira, J. 37029
Alcatel, S. *see* Trompf, M. 13134
Alcock, A.J. *see* Bernard, J.E. 12083
Alcon, J.C.A. *see* Takahashi, J. 15381
Alconchel, F. *see* Ocana, J.L. 21128
Alda, J. *see* Porras, M.A. 12334
Aldag, H. *see* Klimek, D. 28746
Aldaz, A. *see* Codina, G. 48087
Aldea, C. *see* Garcia Ruiz, E. 6396
Aldebert, P. *see* Mosdale, R. 48110
Aldeen, M., Crusca, F. Quadratic cost function design for linear optimal control systems 32262
Aldeen, M., Trinh, H. Load-frequency control of interconnected power systems via constrained feedback control schemes 24778
Alden, R.T.H. *see* Yusof, S.B. 24616
Alder, M. *see* Zhang, Y. 13056
Alder, M.D. *see* Pijpers, M. 4560
Alderman, J.C. *see* Mathewson, A. 23586
Alderucci, V., Antonucci, P.L., Maggio, G., Giordano, N., Antonucci, V. Thermodynamic analysis of SOFC fuelled by biomass-derived gas 40461
Alderucci, V. *see* Giordano, N. 25667
Aldous, D. *see* Thompson, P.T. 14555
Aldridge, F. ASIC design in the sub-micron era 33811
Aldroubi, A. Portraits of frames: overcomplete representations with applications to image processing 21830
Aldroubi, A., Unser, M. Generalized sampling theory and application to multiresolutions and wavelets of L_2 21826
Aldroubi, A., Unser, M. Sampling procedures in function spaces and asymptotic equivalence with Shannon's sampling theory 36752
Aldroubi, A. *see* Unser, M. 13354
Aldroubi, A. *see* Unser, M. 22109
Aleaf, A.H. An 8-bit microcontroller for home appliances 41977
Alebastrov, V.A., Blagoveshchenskaya, N.F., Ivanov, V.P., Zyuzin, V.N., Kulikov, A.M., Lyannoi, B.E., Moisya, R.I., Namazov, S.A., Nasyrov, A.M., Romanovskii, Yu.A., Strekalov, V.A. Investigation of artificial clouds in the ionosphere by radiophysical methods. 1. Artificial ion clouds 39388
Aleev, R.M., Ovsyannikov, V.A. Method of allowing for the integrating properties of the visual analyzer in the observation of thermal images 15090
Alegret, S., Bartroli, J., Jimenez, C., Martinez-Fabregas, E., Martorell, D., Valdes-Perezgasga, F. ISFET-based urea biosensor 6606
Alegret, S. *see* Garcia Ruiz, E. 6396
Alegret, S. *see* Martorell, D. 6605
Alegret, S. *see* Valdes-Perezgasga, F. 6474
Aleinikov, A.L., Belikov, V.T., Nemzorov, N.I. Acoustic emission in heterogeneous media 41505
Aleinikov, V.E., Bamblevskii, V.P., Komochkov, M.M., Krylov, A.R., Mokrov, Yu.V., Timoshenko, G.N. Reference neutron fields for radiation monitoring 15648
Aleinikov, V.L. *see* Pikalov, M.G. 41894
Alejnikov, V.S. *see* Masychev, V.I. 28719
Aleksan, R., Besson, P., Bourgeois, Ph., Garganne, P., Hamel de Monchenault, G., Jarry, P., Lemaire, M.C., Robert, J.P. Measurements of CsI photocathode quantum efficiency in methane 46903
Aleksan, R., Besson, P., Bourgeois, Ph., Garganne, P., Robert, J.P. Quantum efficiency and ageing studies for bulk and porous CsI photocathodes in a MWPC 31759
Aleksandrov, A.F., Galuzo, S.Yu., Kanavets, V.I., Kuznetsov, A.M. Experimental study of a Cerenkov-type sectioned relativistic microwave-frequency multiplier 42373
Aleksandrov, A.F., Galuzo, S.Yu., Kuznetsov, A.M. Visual observation of the spatial distribution of output radiation from a Cerenkov microwave oscillator based on relativistic electron beam 1794
Aleksandrov, A.F., Kubarev, V.A., Cherepenin, V.A. Relativistic gyrotrons with beam oscillatory velocity pumping in the interaction space by a nonadiabatic magnetic undulator 1802
Aleksandrov, A.F., Kubarev, V.A., Cherpenin, V.A. Resonant methods of pumping the oscillator velocity of electron beams in guiding magnetic field 1790
Aleksandrov, A.F., Kubarev, V.A., Lugovskoy, A.V. Amplification of electromagnetic radiation by a relativistic electron beam in an electrostatic undulator with a resonant guiding magnetic field 11908
Aleksandrov, A.F., Kubarev, V.A., Lugovskoi, A.V. The use of electrostatic undulators to form helical relativistic electron beams 46803
Aleksandrov, A.F., Vesnin, V.L., Kubarev, V.A. Excitation of cyclotron oscillations of relativistic electron beam at subharmonics of bounce frequency in an undulator with a guiding magnetic field 29105
Aleksandrov, A.V., Calabrese, R., Ciullo, G., Dikansky, N.S., Guidi, V., Kot, N.Cl., Kudelainen, V.I., Lamanna, G., Lebedev, V.A., Logachov, P.V., Tecchio, L. High performances from a GaAs photoemitter 7142
Aleksandrov, A.V., Calabrese, R., Ciullo, G., Dikansky, N.S., Guidi, V., Kot, N.Cl., Kudelainen, V.I., Lamanna, G., Lebedev, V.A., Logachov, P.V., Tecchio, L., Yang, B. Low energy intense electron beams with extra-low energy spread 31655
Aleksandrov, A.V., Ciullo, G., Guidi, V., Kudelainen, V.I., Lamanna, G., Lenisa, P., Logachov, P.V., Maciga, B., Novokhatsky, A., Tecchio, L., Yang, B. The GaAs electron source: simulation and experiments 38805
Aleksandrov, A.V. *see* Novokhatski, A.V. 38820
Aleksandrov, D.M., Bukreev, V.G. Calculation of the magnetising field of a ferroprobe with sinewave output signals 41546
Aleksandrov, G.N. Optimization of overhead transmission line construction with increased nominal power 16386
Aleksandrov, G.N., Afanasyev, A.I. Optimization of the design of extra-high-voltage overhead transmission lines 39622
Aleksandrov, G.N., Kaplan, G.S., Tonkonogov, E.N. Switching and measurement unit for controllable shunting reactors 25037
Aleksandrov, M.T., Kuz'min, G.P., Prokhorov, A.M., Toker, G.R. Experimental modeling of thermal processes, arising on drilling of hard biological tissues by a pulsed-periodic CO_2 laser 15895
Aleksandrov, N.L., Vinichenko, Yu.P., Tumanskaya, A.Ye. Generalized directivity pattern of element of phased antenna array 4328
Aleksandrov, S.A., Tanin, L.V. Application of optical analog calculations for analysis of interferograms 12426
Aleksandrov, S.A., Tanin, L.V. The use of interference fields for optical analog calculations 13514
Aleksandrov, S.A., Tanin, L.V. Holographic polarization measurement 29050
Aleksandrov, V.V., Elagin, V.N., Korobov, O.G., Leites, L.V., Lur'e, A.I. Controllable transformer with a mobile short-circuited winding made of high-temperature superconducting ceramic 40289
Aleksandrov, Yu.N., Glazin, K.E., Korol', E.N., Milonov, Yu.Yu., Tovarnitskii, A.V. Investigating the complexity of presentation of integral and real data arrays in the P-ADIC number system 29736
Aleksandrova, E.L. *see* Cherkasov, Yu.A. 20295
Aleksandrovich, K.V., Berezin, I.A., Kumpan, M.A., Lobov, S.I., Pavlovskaya, N.G., Pukhov, S.P. Space and time structure of ionizing radiation fields produced by nanosecond 1-1.5-MV accelerators 6981
Aleksandrovich, S.V., Antonov, V.A., Grigor'yev, V.A., Koshchavtsev, N.F., Kompanets, I.N., Parfenov, A.V., Savvina, R.M., Savel'yev, V.A., Starodubtsev, N.F., Chapnin, V.A. Transformation of images in the IR range (λ>1.1 μm) using a photosensitive liquid-crystal structure 3229
Aleksandrovskii, V.I. *see* Degtyarev, N.P. 4526
Alekseenko, M.V. *see* Zabrodskii, A.G. 42645
Alekseenko, M.V. *see* Zabrodskii, A.G. 42646
Alekseev, D.N., Marakhtanov, M.K. Generation of fast electrons in an accelerator tube with azimuthal electron drift 38796
Alekseev, G.A., Shirmanova, S.I. On an interferometric technique of diagnostics of the atmosphere with the aid of satellite signals 32093
Alekseev, G.Yu., Bocharova, E.A., Burakhanov, B.M., Bityurin, V.A. Characteristics of entrance portion of MHD generator with different magnetic systems 25774
Alekseev, I.N., Levina, L.A., Oleinik, S.V., Ulumbekov, R.F., Fedotov, A.A., Kheruvimov, A.N. Instrumentation for the investigation of scintillators 46922
Alekseev, V.G. Empirical spectral and bispectral analyses of periodically nonstationary stochastic processes 29731
Alekseevskii, N.E., Kim, S.F., Latyshev, Yu.I. Relaxation of the magnetic moment of $Bi_2CaSr_2Cu_2O_{8+x}$ single crystals in the millisecond region 20178
Alekso, A.I. *see* Akimov, N.K. 16689
Alemany, C. *see* Mendiola, J. 15005
Alenberg, V.B. *see* Tetyorkin, V.V. 28642
Alencar, M.S. The capacity region for the multiple access Gaussian channel with stochastic fading 37087
Alencar, M.S. The capacity region for the Gaussian channel with random multipath 37810
Alengrin, G. *see* Ferrari, A. 13425
Alengrin, G. *see* Ferrari, A. 14731
Alengrin, G. *see* Tuveny, O. 21853
Aleo, S. *see* Fermo, R. 16311
Aleshkevich, V.A., Kozhoridze, G.D., Shamonin, M.V. Generation of Stokes stimulated Raman scattering pulses from spontaneous noise in fiber lightguides 43382
Alessandrello, A., Brofferio, C., Camin, D.V., Cattadori, C., Cremonesi, O., Fiorini, E., Garcia, E., Giuliani, A., Pavan, M., Pessina, G., Previtali, E., Zanotti, L. Optimization of Si-implanted thermistors for high resolution calorimeters to be used in a neutrino mass experiment 24031
Alessandrello, A., Brofferio, C., Camin, D.V., Cremonesi, O., Fiorini, E., Garcia, E., Giuliani, A., de Marcillac, P., Pavan, M., Pessina, G., Previtali, E., Zanotti, L. TeO_2 bolometers to search for double beta decay of ^{130}Te: status of art 24024
Alessandrello, A., Brofferio, C., Camin, D.V., Cremonesi, O., Giuliani, A., Pavan, M., Pessina, G., Previtali, E. An electrothermal model for large mass bolometric detectors 15622
Alessandrello, A., Brofferio, C., Camin, D.V., Cremonesi, O., Giuliani, A., Pavan, M., Pessina, G., Previtali, E. Signal modelling for TeO_2 bolometric detectors 24025
Alessandri, F., Baini, G., Mongiardo, M., Sorrentino, R. A 3-D mode matching technique for the efficient analysis of coplanar MMIC discontinuities with finite metallization thickness 19130
Alessandri, F., Barba, M., Mongiardo, M., Sorrentino, R. Rigorous and efficient analysis of hybrid T-junctions 1443
Alessandri, F., Mongiardo, M., Ravanelli, R. A compact, wide-band, variable phase shifter for reconfigurable satellite beam forming networks 29379
Alessandri, F., Mongiardo, M., Sorrentino, R. New efficient full wave optimization of microwave circuits by the adjoint network method 19017
Alessandri, F., Mongiardo, M., Sorrentino, R., Uher, J. Analysis of branch line coupler in suspended stripline with finite metallization thickness 1459
Alessandri, F. *see* Menzel, W. 44519
Alessandri, F. *see* Sorrentino, R. 27164
Alessi, J. *see* Huang, H. 7044
Alessi, J. *see* Kponou, A. 46821
Alessi, J.G., Prelec, K., McCafferty, D. BNL volume H^- sources 38835
Alexa, D. Reactive power regulation in electricity distribution networks. New static reactive power compensator with inductive accumulator and GTO thyristors 24784
Alexa, D., Pastravanu, A. AC/DC current source GTO converter with high power factor 25541
Alexander, C., Jr. *see* Cates, J.C. 28362
Alexander, C., Jr. *see* Kohmoto, O. 28377
Alexander, C., Jr. *see* Qiu, G. 28361
Alexander, C.M. *see* Grajew, G. 37613
Alexander, D. *see* Wiegand, M. 37296
Alexander, G.C. *see* Ramchandran, A. 16766
Alexander, G.C. *see* Wallace, A.K. 8287
Alexander, G.C. *see* Wallace, A.K. 8862
Alexander, G.C. *see* Wallace, A.K. 16789
Alexander, G.C. *see* Wallace, A.K. 17644
Alexander, G.D. *see* Inoue, K. 36850
Alexander, J. The use of silver conductors in low temperature cofire ceramic packages 9286
Alexander, J. Cofirable resistors for low temperature ceramic tape 17859
Alexander, J. *see* Crain, J.C. 5612
Alexander, J.C. *see* Abed, E.H. 39452
Alexander, J.M. 0.5 MM pitch paste deposits and X-ray variables experiment 34408
Alexander, J.P., Bebek, C., Browder, T.E., Dobbins, J.A., Gray, S.G., Honscheid, K., Jones, C.D., Katayama, N., Katris, J.S., Kim, P.C., Selen, M., Worden, H.M., Wurthwein, F., Cinabro, D., Henderson, S., Yamamoto, H., Artuso, M., Sobolewski, Z., Akerib, D., Chadha, M., Chan, S., Cowen, D.F., Miller, J.S., Gronberg, J., Korte, C., Morrison, R.J., Nelson, H.N., Nelson, T.K., Schmidt, D.M., Sperka, D., Qiao, C., Tajima, H., Balest, R., Smith, J.G. Studies of radiation damage to CAMEX64 preamplifiers exposed to γ-rays at the Cornell high energy synchrotron source 24110
Alexander, J.P., Bebek, C.J., Browder, T.E., Dobbins, J.A., Gray, S.G., Honscheid, K., Jones, C.D., Katayama, N., Katris, J.S., Selen, M., Wurthwein, F., Gronberg, J., Morrison, R.J., Hale, D.L., Korte, C., Kyre, S., Nelson, H.N., Nelson, T.K., Qiao, C., Sperka, D.J., Tajima, H., Cinabro, D., Henderson, S., Yamamoto, H., Artuso, M., Sobolewski, Z., Chan, S., Cowen, D.F., Miller, J.S., Balest, R. Studies of double-sided, double metal silicon strip detectors 46860
Alexander, M., Srihari, K., Emerson, C.R. Manufacturing cost analysis of surface mount PCB designs 10556
Alexander, M., Srihari, K., Emerson, C.R. Manufacturing cost analysis of surface mount PCB designs 34330
Alexander, M. *see* Burgess, B. 41930
Alexander, M. *see* Zhang, X.-C. 28986
Alexander, N. *see* Honig, A. 31618
Alexander, P. *see* Kovach, K. 46129
Alexander, P. *see* Nightingale, J. 8035
Alexander, P.H., Liu, J. Field analysis of dielectric-loaded lens applicator for microwave hyperthermia 7465

Alexander, S.B., Bondurant, R.S., Byrne, D., Chan, V.W.S., Finn, S.G., Gallager, R., Glance, B.S., Haus, H.A., Humblet, P., Jain, R., Kaminow, I.P., Karol, M., Kennedy, R.S., Kirby, A., Le, H.Q., Saleh, A.A.M., Schofield, B.A., Shapiro, J.H., Shankaranarayanan, N.K., Thomas, R.E., Williamson, R.C., Wilson, R.W. A precompetitive consortium on wide-band all-optical networks 6055
Alexander, S.B. *see* Livas, J.C. 6049
Alexander, S.W. *see* Borowski, S.K. 7559
Alexander, W. *see* Howard, S. 44912
Alexander, W.E. *see* Wilburn, V.C. 44911
Alexander, Z.A., Vladimir, S.A. Natural electromagnetic modes in cylindrical waveguide junction and their use for nondestructive microwave measurements of materials electromagnetic characteristics 31408
Alexanderson, B. New Swedish depository law—the committee report and the investigation work 40858
Alexandre, F., Guyot, F. A connectionist model constrained by an optical implementation 3275
Alexandre, F., Zerguine, D., Launay, P., Benchimol, J.L., Berz, M., Sermage, B., Komatitsch, D., Juhel, M. Quasi-planar GaAs heterojunction bipolar transistor device entirely grown by chemical beam epitaxy 42882
Alexandro, F.J. *see* Khadem, M. 32615
Alexandrou, S. *see* Denysenko, A. 15089
Alexandrou, S. *see* Hsiang, T.Y. 20519
Alexandrou, S. *see* Liu, M.Y. 23638
Alexandrov, A.G. *see* Abil'siitov, G.A. 11961
Alexandrov, A.K., Yatchev, I.S. Permeance computation using the boundary integral equation method 21166
Alexandrov, G.N. The Amazon transmission to Brazil industrial regions 24942
Alexandrov, S.E. Chemical vapour deposition of nitride and oxynitride dielectric films 9764
Alexandrova, E.L. *see* Cherkasov, J.A. 36056
Alexandrovich, B.M. *see* Godyak, V.A. 48451
Alexanian, A. *see* Volakis, J.L. 30876
Alexanian, A.G., Alexanian, A.G., Kazarian, R.K., Matevossian, L.A., Nickogossian, H.S. On resonance phototunneling and photoelectric properties of pInSb-nCdTe heterojunction 1917
Alexanian, A.G. *see* Alexanian, A.G. 1917
Alexeff, I., Blalock, T.V., Pace, M.O., Williams, B.E. Observation of water tree growth in polyethylene in real time 11375
Alexeff, I. *see* Dorris, D.L. 43152
Alexeyenko, A.M. *see* Pobedonostev, A.S. 1796
Alexiev, D., Butcher, K.S.A. Neutron transmutation doping of gallium arsenide 10808
Alexiev, D., Butcher, K.S.A., Edmondson, M., Tansley, T.L. Thermal annealing of liquid phase epitaxial gallium arsenide 27487
Alexiev, D. *see* Say Teng Lai 27722
Alexopoulos, N.G., Diaz, R.E. Preservation of the shape of ultra-wideband pulses in MMIC transmission lines by using frequency dependent substrates 42241
Alexopoulos, N.G., Diaz, R.E. An analytic continuation method for the ultra broadband determination of the electromagnetic properties of materials 43138
Alexopoulos, N.G. *see* Horng, T.-S. 1491
Alexopoulos, N.G. *see* Horng, T.-S. 12691
Alexopoulos, N.G. *see* Hung-Yu Yang 36394
Alexopoulos, N.G. *see* Tzyy-Sheng Horng 36432
Aleynik, S.V. An approximate calculation of the optimum time for the coherent analysis of fluctuating signals 21739
Alfano, B., Bandettini, A., Bencivelli, W., Bertolucci, E., Bottigli, U., Conti, M., Del Guerra, A., Fantacci, M.E., Gambaccini, M., Larobina, M., Marziani, M., Randaccio, P., Rosso, V., Russo, P., Stefanini, A. Digital imaging in radiology: preliminary results obtained with a high spatial resolution 2D silicon detector 15724
Alfano, R.R. *see* Haglund, R.F., Jr. 21065
Alfano, R.R. *see* Kalpaxis, L.L. 4813
Alfano, R.R. *see* Yang, L. 21011
Alferness, R.C., Buhl, L.L., Koren, U., Koch, T.L., Kim, I., Miller, B.I., Newkirk, M.A., Young, M.G., Gnall, R.P., Hernandez-Gil, F., Presby, H.M., Raybon, G., Burrus, C.A. Integrated MQW optical amplifier/noise-filter/photodetector photonic circuit 45985
Alferness, R.C. *see* Heismann, F. 35440
Alferness, R.C. *see* Kim, I. 43888
Alff, L., Mayer, B., Schuster, S., Frohlich, O., Gerdemann, R., Beck, A., Gross, A. Magnetic-field-effect three-terminal device based on $YBa_2Cu_3O_{7-\delta}$ grain boundary junctions 35283
Alfieri, A. *see* Balli, E. 24326
Alfimov, G.L., Goncharov, V.N. On the structures produced during a laser beam propagation 3828
Alfonso, A., Sheetz, J., Lindsay, J. Impact of Hurricane Andrew on FPL's fossil generation 32651
Alfonso, J.A.Martin *see* Martin Alfonso, J.A.
Alford, J.R. *see* Mitsa, T. 29763
Alford, M. *see* Willett, P. 4749
Alford, N.M. *see* Ivrissimtzis, L.P. 29354
Alford, N.McN. *see* Hosking, M.W. 27292
Alford, N.McN. *see* Ivrissimtzis, L.P. 29329
Alford, N.McN. *see* Ivrissimtzis, L.P. 44600
Alfredson, R.J. *see* Lisner, R.P. 40214
Alfrey, A.J. *see* Shine, R.J., Jr. 20714
Alfyorov, V.I., Labazkin, A.P., Rudakova, A.P., Shcherbakov, G.I. Application of MHD-accelerators in hyper-velocity experimental aerodynamics 24449
Algazi, V.R., Brown, K.L., Ready, M.J., Irvine, D.H., Cadwell, C.L., Chung, S. Transform representation of the spectra of acoustic speech segments with applications. II. Speech analysis, synthesis, and coding 4476
Algazi, V.R., Ford, G.E., Mow, M., Najmi, A. Design of subband coders for high quality images, based on perceptual criteria 13564
Algeri, A., Fischer, H.G., Holmgren, S.-O., Szeptycka, M. Anode wire ageing in proportional counters: the problem of analog response 31719
Alghamdi, A., Dasgupta, A. Interaction mechanics between embedded micro-actuators and the surrounding host in adaptive structures 28326
Algrain, M.C., Saniie, J. Interlaced Kalman filtering of 3D angular motion based on Euler's nonlinear equations 36646
Alguindigue, I.E., Uhrig, R.E., Cai, M., Trenty, A. Discrimination of ex-core neutron noise signatures using artificial neural networks 32616
Alhajji, A. *see* Shaparev, N.K. 33101
Alhamadi, M.A., Damerdash, N.A. A coupled vector-scale potential method for permanent magnetic modeling in large-scale 3D-FE magnetic field computations 47895
Alhara, K. *see* Suzuki, M. 13279
Alhargan, F.A., Judah, S.R. Tables of normalized cutoff wavenumbers of elliptic cross section resonators 42167
Alhaus, R., Luehti, H., Broemmelsiek, C., Bach, W. ABB's advanced cycle system 25226
Alhusein, M.A., Abu-Leiyah, O., Inayatullah, G. A combined system of renewable energy for grid-connected advanced communities 16495
Ali, A., Halijak, C.A. Analysis of a PRSA generator 12835
Ali, A.A. Optimum hop length for millimeteric wave radio links in arid land climate 14435
Ali, E.A.Eldin *see* Eldin Ali, E.A.
Ali, F., Gupta, A., Salib, M. 9.5-14.5 GHz GaAs HBT 1W MMIC with 55% peak power added efficiency 34264
Ali, F. *see* Salib, M. 1639
Ali, H.H., Zaghloul, M.E. VLSI implementation of a dynamic retina 10368
Ali, H.H., Zaghloul, M.E. Associative memory using temporal relations 18932
Ali, H.O., Costache, G. Finite-element time-domain analysis of axisymmetrical radiators 44605
Ali, L.B. *see* Roturier, J. 9011
Ali, M.G.S. Ultrasound in an absorbing medium in the near-field of an oscillating piston 38990
Ali, M.I., Howe, M., Sanchez-Sinencio, E., Ramirez-Angulo, J. A BiCMOS low distortion tunable OTA for continuous-time filters 10283
Ali, M.K.M., Kamoun, F. Neural networks for shortest path computation and routing in computer networks 45552
Ali, M.M. The performance analysis of a random packet selection policy for multicast switching 5166
Ali, M.M. *see* Sharma, R. 32108
Ali, M.W. *see* Hubing, T.H. 44199
Ali, S. *see* Kim, S. 1652
Ali, S.A.M., Gol, O. An energy efficient induction motor 40207
Ali, S.I.M. *see* Jibrail, W.W.S. 22754
Ali, S.M. *see* Cheung-Wei Lam 17895
Ali, S.M. *see* Lee, L.H. 1382
Ali, W. *see* Cofie, P. 32461
Ali Jun *see* Jun Ali
Ali-Ahmad, W.Y., Bishop, W.L., Crowe, T.W., Rebeiz, G.M. A submillimeter-wave planar low noise Schottky receiver 4280
Ali-Ahmad, W.Y., Rebeiz, G.M. A 335 GHz quasi-optical Schottky receiver 42221
Ali-Ahmad, W.Y. *see* Gauthier, G. 1423
Ali-Arshad, S., de Kock, L. Long-pulse analog integration 6371
Alia, G., Martinelli, E. On the lower bound to the VLSI complexity of number conversion from weighted to residue representation 19985
Aliazidi, A.A. *see* Khadjiivanov, L.P. 13880
Alibert, C. *see* Grunberg, P. 35836
Alie, S. *see* Dabkowski, F.P. 20813
Alietti, M., Nava, F., Tonini, R., Cantoni, P., Stagni, L., Cavallini, A. Rapid thermal process-induced defects in silicon position detectors 31671
Aliev, R. *see* Saidov, M.S. 33040
Aliev, R.K., Agoshkin, S.A. Investigation of the efficiency of photovoltaic conversion of solar radiation 25676
Alifertsev, O.N., Snesarevskii, V.P. Ohmic contacts for oxide superconductor $Y_1Ba_2Cu_{3O7-\delta}$ produced with a silver foil electric explosion method 2867
Alig, R.Casanova *see* Casanova Alig, R.
Aligue, F.J.L., Antunez, A.F.A., Sotoca, I.A. An AM detector for use with or without power carrier 18541
Alilovic-Curgus, J., Vuong, S.T. A metric based theory of test selection and coverage 13891
Alim, M.A. High-frequency terminal resonance in $ZnO\text{-}Bi_2O_3$- based varistors 19149
Alim, O.A., Youssef, E.A., Mokhtar, A.G. Two novel speech coding techniques based on multipulse representation 4569
Alimin, D.D., Bel'dyugin, I.M., Zolotarev, M.V. Phase locking of laser array with multibeam intracavity interaction in nonlinear media 12282
Alimov, A.K. *see* Alavutdinov, J.N. 33142
Alimpiev, S.S. *see* Vereshchagina, L.N. 18297
Alimuddin, M., Beckhoff, G.F. VLSI design of a systolic array for finding maximal overlaps of strings 10129
Alinovsky, N.I., Goncharov, A.D., Dikansky, N.S., Ostanin, V.P., Sukhina, B.N., Chertok, I.I., Shamovsky, V.G. Series of high voltage ion accelerators for use in industrial technological lines 15330
Aliouane, K., Saadate, S., Davat, B. Analytical study and numerical simulation of combined voltage source series active and shunt passive filters 16149
Alipatov, G.V., Romanov, S.K. Synthesis of an optimal phase-locked loop system based on the root mean square criterion with a weight function 10029
Alippi, C. *see* Dell'Acqua, A. 7283
Alippi, C. *see* Dell'Acqua, A. 46998
Aliyeva, T.I., Gusev, V.D. Depolarization of electromagnetic waves during scattering by inhomogeneities of dielectric constant 21192
Aliyu, Y.H. *see* Morgan, D.V. 11865
Aliyu, Y.H. *see* Morgan, D.V. 23779
Aljancic, U. *see* Resnik, D. 10946
Aljarayesh, I.O.A. *see* Abu-Safia, H.A. 3300
Alkaa, A. *see* Segur, P. 46925
Alkayat, R. *see* Godlove, T.F. 31785
Alkemade, P.F.A. *see* Jongste, J.F. 10738
Alkemade, P.F.A. *see* Schropp, R.E.I. 33060
Alkhatib, B., Bergeon, B., Ermine, J.L., Falinower, C.M., Monsion, M. Generic knowledge based system for design analysis of control law for industrial processes 32229
Alkhechi, B. *see* Budkowski, S. 14116
Alkhoja, J. *see* Rauly, D. 42244
Alkire, R.C. *see* Mannheim, E. 2169
Alkire, R.C. *see* Mannheim, E. 34767
Allab, M. *see* Djeffal, S. 7504
Allaert, J. *see* van Parys, H. 38109
Allaert, K. *see* Ackaert, A. 335
Allain, J.L. *see* Brizard, C. 19536
Allain, J.Y., le Flohic, M., Monerie, M., Poignant, H. Holmium in ZBLAN: interplay of lasing, co-lasing and excited-state absorption 3545
Allain, J.Y., Monerie, M., Poignant, H., Georges, T. High-efficiency ytterbium-doped fluoride fibre laser 3548
Allain, J.Y. *see* Ibrahim, H. 3533
Allakhverdiev, K.R. *see* Dahinten, T. 3870
Allakhverdov, F.M. *see* Izmailov, A.M. 18526
Allam, J. *see* Williams, D.A. 2600
Allam, L. *see* Mengue, S. 10529
Allam, M., Zhang, J. Detection of anomalies in an image by wavelet analysis 22123
Allamando, E. A multi-function monolithic integrated circuit 27309
Allan, D.A. *see* O'Sullivan, P.J. 6030
Allan, D.C. *see* Bar-Yam, Y. 1835
Allan, D.W. *see* Weiss, M.A. 18517
Allan, J., Chan, W.S., Shao, Z.Y., Mellitt, B. Low frequency and radio frequency electromagnetic compatibility for rapid transit railways 8931
Allan, J. *see* Burdett, S. 8923
Allan, J. *see* Hill, R.J. 8915
Allan, J. *see* Kadhim, R. 17528
Allan, M., Kemp, I.J. Commutation strategies for the DC brushless motor 8452
Allan, R.N., Navarro Sanchez, H. Uncertainty considerations in the pool purchase price in the England and Wales electricity supply industry 39540
Allan, R.N. *see* Avouris, N.M. 7747
Allander, K.S. *see* MacArthur, D.W. 24002
Allara, D.L. *see* Lercel, M.J. 27964
Allard, B., Morel, H., Chante, J.P. Reusing basic semiconductor region models in power device bond graph definition 2404
Allard, B. *see* Lin, C.-C. 2437
Allard, B. *see* Viverge, P.J. 17055
Allard, J.F., Castagnede, B., Henry, M., Launks, W. Evaluation of tortuosity in acoustic porous materials saturated by air 41532
Allard, L.B. *see* Templeton, I.M. 27748
Allard, P.G., Yip, G.L. Bending loss of a single-mode triangular-index fiber with a depressed cladding ring by a vector mode method 3042
Allart, C. *see* Akrout, N. 13802
Allasia, G., Besenghi, R., Demichelis, V. Multivariable interpolation by weighted arithmetic means at arbitrary points 9442
Allbee, D.C. *see* Srinivasan, R. 19622
Allebach, J.P. *see* Balasubramanian, R. 36881
Allebach, J.P. *see* Balasubramanian, R. 36947
Allebach, J.P. *see* Flohr, T.J. 22086
Allegra, S., Annunziata, M., Cesaroni, F., Lunadei, C. PLANNER 4: a simulator to design packet switching data network 5141

Allegre, J. *see* Georgakilas, A. 33625
Allegretto, W., Xie, H. Solutions for the microsensor thermistor equations in the small bias case 19157
Allegretto, W. *see* Paranjape, M. 46358
Allemand, M. A rewriting based method for the formal verification of microprocessors 1260
Allemong, J.J., Bennon, R.J., Selent, P.W. Multiphase power flow solutions using EMTP and Newtons method 32289
Allen, B. *see* Lo, D.C.W. 1638
Allen, B. *see* Sharma, A.K. 1649
Allen, B. *see* Tripathi, V.K. 27169
Allen, B. *see* Wang, H. 1594
Allen, B.R. *see* Ton, T.-N. 1574
Allen, B.R. *see* Yang, C.C. 19100
Allen, C. Interfacing low-level sensors to microprocessors 6425
Allen, C. The Interoperable Systems Project (ISP) 45549
Allen, C., Boscand, C., Bories, M. Visually guided robot control for examination of the throat by naso-endoscopy 7383
Allen, C., Mistry, N. A camera-based stereo laser tracking system for robot positioning applications 3950
Allen, C., O'Brien, S. Matching 3D segmented objects using wire frame analysis 4982
Allen, C.K., Guharay, S.K., Reiser, M. Solution of Laplace's equation by the method of moments with applications to charged particle transport 46771
Allen, C.K. *see* Guharay, S.K. 31582
Allen, C.K. *see* Guharay, S.K. 46732
Allen, C.R., Pillay, P. State-of-the-art brushless drive techniques for robot applications 17505
Allen, C.R. *see* Ratcliff, K. 26236
Allen, D. Implementation of PLD logic in FPGAs 33971
Allen, E.L. *see* Jones, K.S. 2042
Allen, E.M. *see* Thrush, E.J. 9630
Allen, F.R. Safety management—policy, analysis and implementation [nuclear industry] 47651
Allen, G. *see* Kirkham, H. 7760
Allen, G.D. *see* Kirkham, H. 47414
Allen, G.D. *see* Parisi, A.V. 47113
Allen, G.R. *see* Harris, D.B. 3422
Allen, G.R. *see* Sullivan, J.A. 3426
Allen, J. A successful ISO-9001 registration: the key points 34439
Allen, J. *see* Armstrong, R.C. 26605
Allen, J. *see* Bamji, C.S. 43076
Allen, J.C., Hobbs, S.L. Detecting target motion by frequency-plane smoothing 29612
Allen, J.C. *see* Gerr, N.L. 36656
Allen, J.E. *see* Rajagopal, S. 24719
Allen, J.W., Beal, P.R., Welbourne, M.C., Thompson, A.W. Practical prediction of coal burner performance 8159
Allen, L. *see* Sandow, P.M. 1969
Allen, L.H. *see* Ganapathiraman, R. 2242
Allen, L.H. *see* Lin, M.E. 34693
Allen, L.H. *see* Lin, M.E. 34811
Allen, L.H. *see* Ma, Z. 27618
Allen, L.H. *see* Ma, Z. 33665
Allen, L.S. *see* Manry, M.T. 21900
Allen, M.G. *see* Ahn, C.H. 19177
Allen, M.G. *see* Ahn, C.H. 42266
Allen, M.G. *see* Kim, Y.W. 3151
Allen, M.O., Benedict, S.L., Peters, M.L. Meeting the challenge of a peer-to-peer network: an SNA management services infrastructure for APPN 14187
Allen, M.R., Urkowitz, H. Radar detection performance limitations in sea clutter for conventional noncoherent integration 23201
Allen, M.S. *see* Becker, M.C. 10195
Allen, O.E., Hill, D.A., Ondrejka, A.R. Time-domain antenna characterizations 12733
Allen, P. *see* Andreasen, L. 37652
Allen, P.E., Blalock, B.J. The influence of device selection on the performance of a simple BiCMOS operational amplifier 18500
Allen, P.E. *see* Shi, X. 18892
Allen, P.J., Smith, S.J.M., Harkness, W.F.J., Fish, D.R. A specialised computer-based monitoring system for intraoperative electrocorticography 39042
Allen, P.J., Tonkin, S.P., Keiller, R.A. Large scale correlations in low angle terrain screening and clutter visibility 38154
Allen, P.K. *see* Jiang, J.C. 31192
Allen, P.M. *see* Bazylenko, M.V. 35461
Allen, P.S. *see* Liu, Q. 28421
Allen, R.A., Troccolo, P., Owen, J.C., III, Potzick, J.E., Linholm, L.W. Comparisons of measured linewidths of sub-micrometer lines using optical, electrical, and SEM metrologies 6778
Allen, R.D., Ly, Q.P., Wallraff, G.M., Larson, C.E., Hinsberg, W.D., Conley, W.E., Muller, K.P. New chemistry in the design of chemically amplified positive resists 11069
Allen, R.D., Wallraff, G.M., Hinsberg, W.D., Conley, W.E., Kunz, R.R. New single-layer positive resists for 193- and 248-nm lithography using methacrylate polymers 11103
Allen, R.D. *see* Kunz, R.R. 11030
Allen, R.D. *see* Kunz, R.R. 11061
Allen, R.D. *see* Wallraff, G.M. 27957
Allen, R.J. *see* Schoenbach, K.H. 11842
Allen, R.J. *see* Schoenbach, K.H. 28621
Allen, R.L., Kamangar, F.A. Registration and matching using orthogonal wavelets 13669
Allen, R.L., Kamangar, F.A., Stokely, E.M. Laplacian and orthogonal wavelet pyramid decompositions in coarse-to-fine registration 44978
Allen, R.M., Young, B.R. Gain-scheduled lumped parameter multi-input, multi-output models of a pilot-plant climbing film evaporator 39706
Allen, S. *see* Rodwell, M.J.W. 27285
Allen, S. *see* Winful, H.G. 12077
Allen, S. *see* Yu, R. 6364
Allen, S.J., Brehmer, D., Palmstrom, C.J. Novel electronics enabled by rare earth arsenides buried in III-V semiconductors 10786
Allen, S.J. *see* Scott, J.S. 42854
Allen, S.J. *see* Scott, J.S. 42860
Allen, S.J., Jr. *see* Keay, B.J. 42529
Allen, S.T., Bhattacharya, U., Rodwell, M.J.W. Multi-terahertz sidewall-etched varactor diodes and their application in submillimetre-wave sampling circuits 19034
Allen, S.T. *see* Konishi, Y. 10462
Allen, T., Mellor, P.H., Monkhouse, P.J., Howe, D. Assessment of battery technologies for electric vehicles 17572
Allen, T. *see* Monkhouse, P.J. 17571
Allen, T.J., Curtis, K.M., Orton, J.W. Investigation into effects of device variation on performance of optoelectronic neural networks 11777
Allen, V.A., Belina, J. ECG data compression using the discrete cosine transform (DCT) 24317
Allen, W.G. *see* Mak, M.W. 4471
Allen, W.G. *see* Mak, M.W. 36600
Allen, W.J.J., Curran, E.P., Stewart, J.J.T. Current applications of knowledge-based system technologies for the soldering of printed board assemblies 1735
Allenby, B. Industrial ecology gets down to Earth 33453
Allenspach, M. *see* Brews, J.R. 34987
Allenspach, R. *see* Haag, M. 32067
Allery, M.N., Ward, J.W. The potential for 'store-and-forward' communications using small satellites in low Earth orbits 22954
Alles, A.B., Puskas, R., Callahan, G., Burdick, V.L. Compositional effects on the liquid-phase sintering of praseodymium oxide-based zinc oxide varistors 879
Alles, M.L. *see* Massengill, L.W. 34067
Allesch, J. Innovation and regional development strategies for the economic development of East Germany 180
Allewijn, R. *see* Roeters, P.B. 32110
Alley, G.T. *see* Britton, C.L., Jr. 46993
Alley, R. *see* Saez, P. 23989
Alley, R. *see* Schultz, D. 38807
Allia, P., Tiberto, P., Baricco, M., Vinai, F. Improved ductility of nanocrystalline $Fe_{73.5}Nb_3Cu_1Si_{13.5}B_9$ obtained by direct-current joule heating 11453
Allibert, C.H. *see* Maury, C. 11500
Allin, D.S. *see* Karin, J.R. 29001
Allinson, C., Bergen, H., Dawson, E. Message collision in block ciphers with message authentication 21589
Allinson, N.M. *see* Howard, N.J. 41864
Alliot, J.-M. *see* Delahaye, D. 39338
Allison, G. *see* Clarke, A.M. 37568
Allison, G. *see* Ramos, A. 7519
Allison, J., Windisch, B., Haberthur, B. Revolution on the conductor surface [machine insulation] 16797
Allison, J.M., Birch, K.P., Crowder, J.G. The evaluation of interactions between anaesthetic agent vapours and carrier gases by laser refractometry 47073
Allison, L. The case for additive SMT for flex circuits 33393
Allison, L.J. *see* Nithianandam, J. 24485
Allison, P. *see* Sherman, J. 46733
Allison, P. *see* Smith, H.V., Jr. 38826
Allison, P. *see* Smith, H.V., Jr. 38827
Allison, S. *see* Himel, T. 6991
Allison, S.W., Gillies, G.T. Observations of and applications for self-imaging in optical fibers 43439
Alliss, R.J., Sandlin, G.D., Chang, S.W., Raman, S. Applications of SSM/I data in the analysis of Hurricane Florence (1988) 24499
Allmen, C.R., Ming-Wei Lu A reduced sampling approach for reliability verification 26260
Allmis, S. Implementing a flexible synchronous network 5292
Allnut, R.M., Dissanayake, A., Zaks, C., Lin, K.T. A study of satellite motion-induced multipath phenomena 37933
Allnutt, J.E. *see* de Maagt, P.J.I. 21238
Allnutt, J.E. *see* Maagt, P.J.I. 12596
Allnutt, J.E. *see* Witternigg, N. 4097
Allott, S., Raczkowycz, J. Testing embedded ADCs 10246
Allouche, J.-P. Note on the cyclic towers of Hanoi 26282
Allred, D.D. *see* Karain, W.I. 31813
Allred, L.G., Cain, M.J., Kirkland, L.V. A PC-based platform for MATE 23446
Allred, L.G., Kelly, G.E. A system for fault diagnosis in electronic circuits using thermal imaging 19197
Allsopp, D.W.E. *see* Batty, W. 11684
Allstot, D.J., Kiaei, S., Zele, R.H. Analog logic techniques steer around the noise 1211
Allstot, D.J., San-Hwa Chee, Kiaei, S., Shrivastawa, M. Folded source-coupled logic vs. CMOS static logic for low-noise mixed-signal ICs 18895
Allstot, D.J. *see* Lee, S.-S. 26630
Allstot, D.J. *see* Sang-Soo Lee 43065
Allstot, D.J. *see* Slager, J. 28279
Allum, D. *see* Rosendale, G. 26950
Alm Carlsson, G. *see* Helmrot, E. 15783
Alm Carlsson, G. *see* Sandborg, M. 24191
Alm Carlsson, G. *see* Sandborg, M. 24222
Alm Carlsson, G. *see* Sandborg, M. 24223
Almaliach, N. *see* Eran, Y. 17932
Almar, R., Horine, B., Andersen, J. High frequency STW resonator filters 2759
Almberger, J., Bruyere, M. Power uprating of Sweden's Ringhals-3 47653
Almeida, A.de *see* de Almeida, A.
Almeida, A.T.de *see* de Almeida, A.T.
Almeida, J.B. *see* Costa, M.F.M. 6803
Almeida, J.B. *see* Costa, M.F.M. 31427
Almeida, M.A. *see* Vaisman, R. 24939
Almendra, A. *see* Rodriguez, T. 19412
Almonacid, G. *see* Casanova, P. 26815
Almonte, M. *see* Benton, J.L. 10842
Almoznino, E., Loinger, F., Brosch, N. A procedure for the calculation of background in images 13528
Alnot, M. *see* Bouziane, A. 26476
Alodjants, A.P. *see* Alaverdian, R.B. 20962
Alodzhants, A.P., Dzheiranyan, G.A., Gevorkyan, I.P., Arakelyan, S.M. Nonclassical states of light in tunnel-coupled optical fibers and possibilities for experimental realization in the beams of low-power high-coherence cw lasers 12300
Aloisi, P. *see* Borras, R. 2390
Aloisio, A., Cevenini, F., Patricelli, S., Parascandolo, P. High-density zero suppressor and encoder VME board using field programmable gate array 46997
Aloisio, G. *see* Cicinelli, E. 47094
Alolah, A.I. A new scheme for speed control of three phase induction motors using phase angle-controlled single phase supply 8405
Alolah, A.I. *see* Rahim, Y.H.A. 25426
Alomary, A.Y., Imai, M., Hikichi, N. An ASIP instruction set optimization algorithm with functional module sharing constraint 18765
Alomary, A.Y., Imai, M., Sato, J., Hikichi, N. An integer programming approach to instruction set selection problem 18767
Alon, Y. *see* Bui, L.Q. 7565
Alonge, F. MRAC and sliding motion control techniques to design a new robust controller for induction motor drives 17446
Aloni, M. *see* Eran, Y. 17932
Alonis, J. *see* Shannon, D.C. 20728
Alonso, A.Lopez *see* Lopez Alonso, A.
Alonso, A.M. *see* Sanz-Bobi, M.A. 32897
Alonso, C., Meynard, T.A., Foch, H., Batard, C., Piquet, H. A model of GTO compatible with power circuit simulation 2490
Alonso, J. *see* Baro-Roma, J. 6467
Alonso, J. *see* de Gracia, J. 6430
Alonso, J. *see* Valdes-Perezgasga, F. 6474
Alonso, J.C., Oshima, T., Yamada, A., Konagai, M., Takahashi, K. Low-temperature epitaxial growth of undoped and n-doped silicon by photochemical vapor deposition using $SiH_4/SiH_2Cl_2/H_2/PH_3$ mixtures 33659
Alonso, J.C. *see* Falcony, C. 9720
Alonso, J.C. *see* Oshima, T. 33626
Alonso, J.I., Lopez, E.J., Perez, F., Ortigoso, F., Boveda, A. GaAs MMIC wide-band 4-way phase splitter 27275
Alonso, J.I. *see* Boveda, A. 27272
Alonso, J.I. *see* Boveda, A. 33938
Alonso, J.I. *see* Boveda, A. 45761
Alonso, J.M., Diaz, J., Blanco, C., Villegas, P.J., Rico, M. A smart-lighting emergency system for fluorescent lamps 17588
Alonso, J.M. *see* Nuno, F. 145
Alonso, M. *see* Harmony, T. 31914
Alonso, R. *see* Subias, J. 37668
Alonso-Betanzos, A. *see* Moret-Bonillo, V. 38955
Alonso-Chamarro, J. *see* Garcia Ruiz, E. 6396
Alonso-Vante, N. Spectral sensitization of titanium dioxide electrodes via Ru-based chalcogenides thin layers 32985
Alouani, A.T., Rice, T.R. On asynchronous data fusion 44908
Alouani, A.T. *see* Noureddine, A.H. 24859
Alouani, A.T. *see* Shetty, S. 15084
Alouani, A.T. *see* Smaili, Y.A. 25384
Alp, T. *see* Najjar, Y.S.H. 16673
Alpat'ev, A.N., Smirnov, V.A., Shcherbakov, I.A. Model for an active medium based on a (Cr,Tm,Ho):YSGG crystal 28787
Alpatov, V.P., Bagdasarov, V.Kh., Chibisov, M.P., Denisov, N.N., Manenkov, A.A., Starkovsky, A.N. Experience of pulsed Nd:YAG laser application to the treatment of some urological diseases 47119

Alper, T. *see* Freemantle, R.J. 15258
Alperin, E.D. *see* Matveev, B.V. 44744
Alperin, N. *see* Hoffmann, K.R. 24236
Alpert, Ya.L., Green, J.L. The cone structure and focusing of the electric field of VLF and LF waves at high altitudes of the ionosphere 4125
Alpert, Ya.L., Green, J.L. Cone structure and focusing of VLF and LF electromagnetic waves at high altitudes in the ionosphere 29166
Alqahtany, H., Eng, D., Stoukides, M. Synthesis gas production from methane over an iron electrode in a solid electrolyte cell 17152
Alquie, C. *see* DeReggi, A.S. 43137
Alquie, G. *see* Vallete, F. 10472
Alquie, G. *see* Vallette, F. 10429
Alrutz, H., Butera, B., Caesar, K., Lebowsky, F., Rohrer, S., Stoffel, G. A single chip video front end decoder 6205
Alrutz, H., Desor, H.-J., Flamm, P., Summa, V., Wagner, E. A single chip multistandard video encoder 6209
Alsaka, Y.A., Zuniga, R. Frequency-space contractive speech coding 13088
Alsammarae, A.J., Hussain, B., Behera, A.K. Techniques for voltage enhancements in auxiliary system at nuclear generation station 32573
Alseyab, S.A., Al-Wasfi, A.A., Abdullah, A.S. A study of steering capability of a microstrip phased array using inter-injection locked oscillators 21430
Alshahib, I. *see* Witts, G. 41758
Alshebeili, S.A., Mertzios, B.G., Venetsanopoulos, A.N. Efficient implementation of nonlinear Volterra systems via Laguerre orthogonal functions 13253
Alshebeili, S.A., Ozgen, M.T., Cetin, A.E., Venetsanopoulos, A.N. Cumulant-based parametric multichannel FIR system identification methods 4721
Alsheraidah, A.S., Mahmod, J.R., Alsheraidah, S.S. DC filter effect on the performance of a separately excited DC motor fed from three-phase semi-controlled converter 47887
Alsheraidah, S.S. *see* Alsheraidah, A.S. 47887
Alsina, P.J., Gehlot, N.S. Induction motor current control by neural servo controller using direct inverse control strategy 40180
Alsing, P.M. *see* Newell, T.C. 33931
Alsing, P.M. *see* Newell, T.C. 36635
Alsmiller, F.S., Alsmiller, R.G., Jr., Fu, C.Y., Gabriel, T.A., Lillie, R.A., Slater, C.O. Radiation levels in the SSC experimental facilities 31541
Alsmiller, R.G., Jr. *see* Alsmiller, F.S. 31541
Alspector, J., Jayakumar, A., Ngo, B. An electronic parallel neural CAM for decoding 1354
Alstad, K., Rorvik, O., Eskedal, J., Michelsen, R. Stresses on metal oxide surge arresters caused by single line-to-earth faults in distribution networks grounded by arc suppression coils 25051
Alstrin, A.L. *see* Leone, S.R. 18227
Alstrup, N.C. *see* Christiansen, N. 17350
Alsup, J.M. Adaptive beamforming for active sonar 36740
Alsuwailem, A.M. A very high bandwidth data capture interface for microprocessor-based polarity correlator 46315
Alt, L. Rational linear reparametrization of NURBS and the blossoming principle 588
Altafim, R.A.C., Nunes, V.A.A., Giacometti, J.A., Oliveira, O.N., Jr. Electrical discharges in small air gap 43168
Altas, I.H., Sharaf, A.M. A photovoltaic system maximum energy tracking via a fuzzy logic controller 8240
Altenburger, U. *see* Hild, R. 28020
Altenburger, U. *see* Nitzsche, G. 26237
Altendorf, E.H. *see* Tang, W.C. 28827
Al'ter, L.Sh. Prediction of the electromagnetic environment in the grouping of mobile communications equipment 22820
Alterovitz, S.A. *see* Rosenfeld, D. 2451
Alterovitz, S.A. *see* Rosenfeld, D. 19782
Alterovitz, S.A. *see* Schacham, S.E. 2596
Alterovitz, S.A. *see* Tabory, C.N. 42907
Alterovitz, S.A. *see* Young, P.G. 19069
Altes, R.A. Application of eigenanalysis and tomography to time-frequency representations 13306
Altfeder, I.B., Volodin, A.P. Low-temperature scanning tunneling microscope with a reliable piezoelectrical coarse approach mechanism 11418
Althaus, H.-L., Kuhn, G., Panzer, K. Bidirectional modules for optical transmission: BIDI brings fiber to the home 37990
Althaus, L., Brown, R.W., Brackin, P. Introductory interdisciplinary instrumentation laboratory for electrical and mechanical engineering students 127
Altin, C. *see* Bidwell, P. 32674
Altin, C.A., Campbell, J.P. The Clean Air Act Amendments and the Conemaugh Station—affected units 32695
Altindal, S. *see* Ozdemir, S. 40493
Altinkemer, K. Topological design of ring networks 33801
Altintas, A. *see* Colak, D. 38135
Altland, A. Electronic transport time through mesoscopic devices with contact barriers 34882
Altmaier, H. Simulation of propagation of lightning partial currents in systems with potential equalisation 32474
Altman, E., Baccelli, F., Bolot, J.-C. Discrete-time analysis of adaptive rate control mechanisms 45283
Altman, E., Liu, Z. Improving the stability characteristics of asynchronous traffic in FDDI token ring 45348
Altman, E.J. Normal form analysis of Chua's circuit with applications for trajectory recognition 29901
Altman, J. *see* Schweitzer, M. 39531
Altmann, S. Fundamental studies in electrical engineering—examples of a lecture for students at HTWK Leipzig: mesh current analysis 40836
Altmeier, M. *see* Eversheim, P.D. 31625
Altmeyer, J. *see* Schurmann, B. 26618
Altner, S. *see* Wild, U.P. 20279
Alton, T. TGEN: flexible timing generator architecture 6328
Altshuler, E.E. A monopole antenna loaded with a modified folded dipole 4294
Altshuler, G.B., Belashenkov, N.R., Karasev, V.B., Khramov, V.Y., Khloponin, L.V. Resonators with field rotation 28918
Altshuler, G.B., Inochkin, M.V. Thin nonlinear lenses in ultrashort pulses optics 20498
Al'tshuler, G.B. *see* Azarenkov, A.N. 12337
Alty, J.L. Co-operative working and multimedia in telecommunications: the importance of metaphor 37229
Aluma, A. *see* Masia, F. 31822
Alumot, D., Neumann, G., Sherman, R., Tirosh, E. Dual sensor technology for high-speed detection of 0.1 micron defects 17933
Alunans, P. *see* Oweis, S.M. 17255
Alurralde, M. *see* Levinson, J. 11106
Alvarado, F., Hu, Y., Adapa, R. Uncertainty in power system modeling and computation 24650
Alvarado, F.L. *see* Gu, M. 24768
Alvarado, F.L. *see* Johnson, B.K. 32391
Alvarado, P. *see* Crousillat, E.O. 24849
Alvarenga, B.P.de *see* de Alvarenga, B.P.
Alvarex Melcon, A. *see* Guglielmi, M. 27139
Alvarez, A. *see* Guerra, F. 22345
Alvarez, A. *see* Guerra, F. 30469
Alvarez, A. *see* Guglielmi, M. 1427
Alvarez, A.-L. *see* Wagner, J. 9646
Alvarez, A.L., Wagner, J., Calle, F., Maier, M., Gutierrez, G., Sacedon, A., Calleja, E., Munoz, E. Incorporation of Be into $In_xGa_{1-x}As$ ($0.004 \leqslant X \leqslant 0.17$) studied by photoluminescence and resonant Raman spectroscopy of local vibrational modes 42627
Alvarez, A.M., Si, S.M. Data-pump implementation for automatic interworking between automode modems and other CCITT & Bell modems 22645
Alvarez, A.M., Sim Thiam Ann, Sng Eng Guan Adaptive active acoustic attenuation: A^4 13379
Alvarez, F. *see* Goodall, R. 19680
Alvarez, F. *see* Jansen, M. 20847
Alvarez, I. Protocols for communication in industrial systems 37114
Alvarez, J.A., Gorrochategui, I., Varona, J.M., Solana, F.G., Gonzalez, J.J., Diez-Aja, J., Busquier, V. Validation of a method for generating controlled fatigue cracks for calibration of non-destructive test techniques 9827
Alvarez, J.L. *see* Juday, R.D. 30120
Alvarez, J.M.A. *see* Secades, M.R. 25933
Alvarez, L., Guichard, F., Lions, P.-L., Morel, J.-M. Axioms and fundamental equations of image processing 29744
Alvarez-Bravo, J.V., Carrascosa, M., Arizmendi, L. Experimental effects of light intensity modulation on the recording and erasure of holographic gratings in BSO crystals 3903
Alvarez-Campana, M. *see* Azcorra, A. 14266
Alvarez-Cercadillo, J. *see* Ortega-Garcia, J. 13139
Alvarez-Cuevas, F., Bertran, M., Oller, F., Selga, J.M. Voice synchronization in packet switching networks 5143
Alvarez-Gallegos, J., Alvarez-Gallegos, J., Herrera-Alfonsin, R.J. Sliding mode control of induction motors using singular perturbation techniques 25430
Alvarez-Gallegos, J. *see* Alvarez-Gallegos, J. 25430
Alvensleben, F.von *see* von Alvensleben, F.
Alvertos, N., D'Cunha, I. Object recognition using an efficient technique for aligning quadric surfaces 30025
Alves, J.B.M. *see* De Azevedo, H.R. 40256
Alves, J.E.R., Pilotto, L.A.S., Watanabe, E.H. An adaptive digital controller applied to HVDC transmission 32390
Alves, J.L.D. *see* Coutinho, A.L.G.A. 18104
Alves, M.A.F. *see* Fraga, M.M. 15655
Alves, N., Giacometti, J.A., Minami, G., Oliveira, O.N., Jr. Ferroelectric behavior of P(VDF-TrFE) copolymer samples 43173
Alves, V.Castro *see* Castro Alves, V.
Alves de Barros, M. *see* Natowicz, R. 45088
Alvsten, B., Blaabjerg, F., Pedersen, J.K. An advanced measurement system for power electronic components and circuits 6343
Alvsten, B., Ritchie, E. Problem oriented, project organized education in power electronics at the University of Aalborg, Denmark 148
Alvsvaag, S.J. *see* Benvenuti, A. 7252
Alwash, J.H.H. *see* Ismail, K.S. 8841
Alwin, P.E. IEC type 2 coordination for short circuit protection of motor starters 8266
Aly, A.I.M., Abdel-Aal, M.M., Ahmed, M.A., Sabek, M.G. Radiation doses resulting from a proposed coal-fired power plant in the Suez Canal area 32658
Aly, K.A. *see* Dowd, P.W. 14616
Aly, K.A. *see* Dowd, P.W. 20449
Alybin, V.G., Dmitriyev, S.C. A satellite television converter 38239
Alybin, V.G., Dmitriyev, S.C., Zyablikov, S.Yu. Hybrid monolithic microwave devices 34266
Alzawa, K. *see* Houshuyama, O. 29524
Alzebdeh, K., Ostoja-Starzewski, M. Micromechanically based stochastic finite elements 9491
Amada, E. *see* Takiyasu, Y. 30432
Amada, H. *see* Ohya, A. 32127
Amada, Y. *see* Kowaka, M. 3414
Amadi-Echendu, J.E., Zhu, H., Higham, E.H. Analysis of signals from vortex flowmeters 6383
Amakawa, K. *see* Kubota, T. 33163
Amako, Y. *see* Yamashita, Y. 21690
Amalric, J.L. *see* Ghomi, M. 29337
Amalric, J.L. *see* Proust, I. 29332
Amamiya, Y. *see* Shimawaki, H. 42187
Amamoto, N., Nakazawa, Y., Yamada, T. Cellular base-station maintenance spectrum analyzer MS2616A/26A 38424
Amann, H. *see* Reinmuth, K. 2561
Amann, M.-C. The effects of spatial correlation on the linewidth broadening in tunable laser diodes 12166
Amann, M.-C., Illek, S. Tunable laser diodes utilizing transverse tuning scheme 12101
Amann, M.-C. *see* Wolf, T. 20766
Amann, M.C., Borchert, B., Illek, S., Wolf, T. Tuning range and spectral selectivity of the distributed forward coupled (DFC) laser 20787
Amann, M.C. *see* Wolf, T. 37645
Amano, C. *see* Yamaguchi, M. 37682
Amano, C. *see* Yamaguchi, M. 45722
Amano, H. *see* Akasaki, I. 1912
Amano, H. *see* Suzuki, K. 9912
Amano, H. *see* Tokunaga, N. 17036
Amano, K. *see* Genno, S. 23042
Amano, K. *see* Takinami, N. 16318
Amano, M. *see* Hikita, M. 3170
Amano, M. *see* Kasuga, M. 6739
Amano, M. *see* Kikuchi, K. 28985
Amano, M. *see* Manabe, T. 25588
Amano, M. *see* Morelato, A. 16225
Amano, N. *see* Sakakibara, S. 727
Amano, N. *see* Sakakibara, S. 9519
Amano, T., Horima, H., Fukuoka, K., Yamazaki, T. Characteristics and applications of a non-metallic, waterproof, non-halogen flame-retardant optical wire with an elliptical construction 3056
Amano, T., Kondo, S., Nagai, H. High purity liquid phase epitaxial growth of InP 9613
Amano, T. *see* Obara, Y. 19221
Amantea, R. *see* Abeles, J.H. 20863
Amantea, R. *see* Carlson, N.W. 43826
Amanullah, K. The electret recording system 36122
Amar, F. *see* Chen, K.S. 24503
Amar Dutt, A., Subrahmanyam, V. Dynamic analysis of inverter fed induction motor under field oriented control 8367
Amara, A.Belhadj *see* Belhadj Amara, A.
Amara, M., Scavarda, S., Villedieu, E. Studying power transfers in the nuclear legged robot RHESUS using bond graph and scattering formalisms 25545
Amaral, G. *see* Swanstrom, J. 38400
Amaratunga, G.A.J. Electronic and optical applications of diamond-like carbon 42442
Amaratunga, G.A.J., Veerasamy, V.S., Davis, C.A., Milne, W.I., McKenzie, D.R., Yuan, J., Weiler, M. Doping of highly tetrahedral amorphous carbon 27662
Amaratunga, G.A.J. *see* Chan, K.K. 11164
Amaratunga, G.A.J. *see* Goud, C.B. 34937
Amaratunga, G.A.J. *see* McKenzie, D.R. 27502
Amaratunga, G.A.J. *see* Sankara Narayanan, E.M. 11204
Amaratunga, G.A.J. *see* Udrea, F. 28140
Amaratunga, G.A.J. *see* Veerasamy, V.S. 27455
Amaratunga, G.A.J. *see* Veerasamy, V.S. 27647
Amat-Guerri, F. *see* Duchowicz, R. 20662
Amati, M. *see* Gulloch, W. 5734
Amato, G., Boccenti, M., Crescentini, F., Sigismondi, M. The development strategy of the Iveco bus division in the sector of electric and hybrid buses for town transport 48231
Amato, G. *see* Demichelis, F. 27495
Amato, G. *see* Manfredotti, C. 9785
Amaudruz, P. *see* Bonutti, F. 24109
Ambec, I. *see* Adam, W. 7259
Ambec, I. *see* Adam, W. 31715
Ambec, I. *see* Adam, W. 46929
Ambekar, V.D. *see* Prasad, M. 47493
Ambekar, V.S. *see* Biswas, D.C. 38861

Ambikairajah, E., Keane, M., Kelly, A., Kilmartin, L., Tattersall, G. Predictive models for speaker verification 29518
Ambikairajah, E., Keane, M., Tattersall, G. Speaker verification using self segmenting linear predictors 13048
Ambikairajah, E. *see* Kelly, A. 13047
Ambikairajah, E. *see* Kilmartin, L. 4554
Ambikairajah, E. *see* Lennon, S. 4490
Amblard, G. *see* Weill, A. 11070
Amblard, G.R., Weill, A.P., Brault, C. Advanced I-line lithography: evaluation of a new chemical amplification negative resist 11081
Amblard, P.-O., Lacoume, J.-L. A deductive construction of third-order time-frequency distributions 45025
Amblard, P.O., Lacoume, J.L. Construction of fourth-order Cohen's class: A deductive approach 13340
Amblard, P.O., Lacoume, J.L., Brossier, J.M. Transient detection, higher-order time-frequency distributions and the entropy 4732
Amblard, P.O. *see* Lacoume, J.L. 13390
Ambler, A.P. *see* Alani, A.F. 2633
Ambler, A.P. *see* Dislis, C. 43037
Ambos, P. *see* Irving, E. 39810
Ambrazeviciene, V., Galdikas, A., Grebinskij, S., Mironas, A., Tvardauskas, H. Gas-sensing properties of chemically deposited SnO_x films doped with Pt and Sb 15109
Ambrose, A.F. *see* Heismann, F. 45723
Ambrose, R.G. *see* Miethig, M. 46514
Ambrose, S., Green, C.L., Dryden, R., Provol, S.J. The Midwest Power PCFB demonstration projects AHLSTROM PYROFLOW first and second generation pressurized circulating fluidized bed (PCFB) technology 32642
Ambrose, T.P. *see* Fuhr, P.L. 23679
Ambrose, T.P. *see* Fuhr, P.L. 31264
Ambrosi, G. *see* Adriani, O. 46977
Ambrosi, G. *see* DiBitonto, D. 31722
Ambrosini, G., Aguer, M., Bee, C.P., Bonino, R., Buono, S., Duval, P.Y., Etienne, F., Fallou, J.L., Ferrari, R., Ferrato, D., Fumagalli, Ganev, P., Hellman, S., Huet, M., Jones, R., Khodabandeh, A., Lanza, A., Le Van Suu, A., Mapelli, L., Mornacchi, G., Nacash, R., Pain, J., Pastore, F., Polesello, G., Prigent, D., Rondot, C., Stapnes, S., Tamburelli, F., Tisserant, S. The RD13 scalable data acquisition system 38898
Ambrosini, G., Bee, C.P., Buono, S., Ferrari, R., Ferrato, D., Fumagalli, Ganev, P., Hellman, S., Jones, R., Khodabandeh, A., Mapelli, L., Mornacchi, G., Polesello, G., Prigent, D., Rondot, C., Tamburelli, F. Building distributed run-control in UNIX 38419
Ambrosini, R. *see* Takahashi, Y. 30943
Ambrosio, M. *see* Abbrescia, M. 7270
Ambrosio, M. *see* Agnetta, G. 31780
Ambrosius, B.A.C. *see* Overgaauw, B. 39349
Ambrosius, H.P.M.M. *see* van der Poel, C.J. 3589
Ambroz, J. *see* Hejzlar, P. 39987
Ambrozic, V., Cajhen, R., Nastran, J. A step voltage method for determination of an induction motor rotor time constant in a cold state 16862
Ambs, P. *see* Legeard, L. 11581
Amdo, K. *see* Ishitani, A. 18727
Amelin, A.I., Ber, M.N., Gornov, M.G., Gurov, Yu.B., Lapushkin, S.V., Morokhov, P.V., Pechkurov, V.A., Shafigullin, R.R., Shchurenkova, T.D., Fateev, A.Yu. Semiconductor spectrometer of charged low-energy pions 7287
Amelinckx, S. *see* Luyten, W. 33632
Amemiya, K., Tokiguchi, K., Hakamata, Y., Yamada, S., Hirao, Y., Tokuda, N. Acceleration of high current heavy ions using a variable energy radio-frequency quadrupole linac and measurement of the input beam emittance 46799
Amemiya, K. *see* Tokiguchi, K. 15328
Amemiya, Y. Study of functional devices based on non-Boolean logic 18681
Amemiya, Y. *see* Aisawa, S. 45954
Amemiya, Y. *see* Fujita, O. 18914
Amemiya, Y. *see* Vezin, V. 33630
Amendola, G., Angert, N., Bourgarel, M.-P., Bru, B., Cervellera, F., Fortuna, G., Haseroth, H., Hill, C., Hutter, G., Klabunde, J., Klein, H., Kugler, H., Liska, D., Lombardi, A., Lustig, H., Malwitz, E., Musso, A., O'Hanlon, H., Parisi, G., Pisent, A., Raich, U., Ratzinger, U., Riccati, L., Ricci, R., Schempp, A., Sherwood, T., Sortais, P., Tanke, E., Tetu, P., van der Schueren, A., Vretenar, M., Warner, D., Weiss, M. A heavy ion linac for the CERN accelerator complex 15300
Amendola, G., Quesada, J.M., Weiss, M. Beam dynamics studies for the CERN lead-ion RFQ 15445
Amendola, G. *see* Cervellera, F. 15397
Amendolia, S.R., Galeotti, S., Morsani, F., Passuello, D., Ristori, L., Sciacca, G., Turini, N. The GLUEchip: a custom VLSI chip for detector readout and associative memories circuits 18746
Amendolia, S.R. *see* Denby, B. 7272
Amer, P.D., Chassot, C., Connolly, T., Diaz, M. Partial order transport service for multimedia applications: reliable service 13901
Amer, P.D. *see* Kalyansundaram, P. 30233
Amer, R.Y. A simple charge simulation method for the calculation of high voltages fields 36101
Amer, S. *see* Zaki, A.M. 8449
Amer, S.Ait *see* Ait Amer, S.
Amerasekera, A., Chang, M.-C., Seitchik, J.A., Chatterjee, A., Mayaram, K., Chern, J.-H. Self-heating effects in basic semiconductor structures 10638
Amerasekera, A., Chatterjee, A. An investigation of BiCMOS ESD protection circuit elements and applications in submicron technologies 28290
Amerasekera, A., Chatterjee, A., Chang, M.-C. Prediction of ESD robustness in a process using 2D device simulations 35003
Amersfoort, M.R., de Boer, C.R., Oei, Y.S., Verbeek, B.H., Demeester, P., Groen, F.H., Pedersen, J.W. High performance 4-channel PHASAR wavelength demultiplexer integrated with photodetectors 38125
Amersfoort, M.R., de Boer, C.R., van Ham, F.P.G.M., Smit, M.K., Demeester, T., van der Tol, J.J.G.M., Kuntze, A. Phased-array wavelength demultiplexer with flattened wavelength response 35455
Amersfoort, M.R., de Boer, C.R., Verbeek, B.H., Demeester, P., Looyen, A., van der Tol, J.J.G.M. Low-loss phased-array based 4-channel wavelength demultiplexer integrated with photodetectors 35634
Amersfoort, P.W.van *see* van Amersfoort, P.W.
Amersfoot, P.W.van *see* van Amersfoot, P.W.
Ametani, A. Frequency-dependent tower impedance above imperfectly conducting earth 7978
Ametani, A., Ishihara, A. Investigation of impedance and line parameters of a finite-length multiconductor system 24940
Ametov, S.D., Ganeev, R.A., Ganikhanov, F.Sh., Gorelik, I.G., Dakhin, A.A., Zinov'ev, A.V., Kunin, D.G., Usmanov, T. Measurement of laser pulse lengths in the range 0.2-50 ps 28940
Ameziane, E.L. *see* Chahboun, N. 41424
Ameziane, E.L. *see* Laaziz, Y. 1829
Amgoud, K. *see* Sari, Z. 17071
Amic, S. *see* Sequeira, V. 31047
Amick, P., Zupan, D., Herbster, R.E. Integration of coal gasification and combined cycle facilities on the Wabash River coal gasification repowering project 32753
Amidei, D., Azzi, P., Bacchetta, N., Bailey, M., Barnett, B., Bedeschi, F., Bisello, D., Boswell, C., Busetto, G., Carithers, W.C., Carter, H., Castro, A., Dell'Agnello, S., Derwent, P.F., Ducar, R., Dunn, A., Ely, R.P., Flaugher, B., Galeotti, S., Barbaro-Galtieri, A., Garfinkel, A.F., Haber, C., Holland, S., Hrycyk, M., Herrup, D., Hughes, R., Kleinfinder, S., Loreti, M., Mariotti, M., Matthews, J., Menzione, A., Merrick, T., Nelson, C., Pescara, L., Produit, N., Punzi, G., Raffaelli, F., Ristori, L., Schneider, O., Segler, S., Shapiro, M.D., Shaw, N.M., Shaw, T., Skarha, J., Snider, F.R., Song, T.Y., Spies, A., Tartarelli, F., Tipton, P., Tkaczyk, S., Tseng, J., Turini, N., Turner, K., Vejcik, S., Watts, G., Wesson, T.R., Wester, W.C., III, Wenzel, H., Wong, M., Yao, W., Zetti, F. Electrical performance of the CDF silicon vertex detector 46890
Amidei, D. *see* Tkaczyk, S. 46989
Amidon, D.W. Beyond the digital subscriber line: issues at ISDN customers' premises 22647
Amiel, M. *see* Renaudin, C. 15772
Amiel, M. *see* Zhu, Y.M. 13788
Amikura, K. *see* Watanabe, M. 48104
Amin, A. Non-circuit related signalling 22434
Amin, B., Serrano-Iribarnegaray, L. Space phasor or space vector? [letter and reply] 40174
Amin, M. *see* Zalubas, E.J. 13314
Amin, M.G. Spectral decomposition of time-frequency distribution kernels 21897
Amin, M.G. *see* Perry, R.J. 4708
Amin, M.H.G., Chorley, R.J., Richards, K.S., Bache, B.W., Hall, L.D., Carpenter, T.A. Spatial and temporal mapping of water in soil by magnetic resonance imaging 7637
Amin, V.R. Incorporating DSM into real-time process control system 9061
Aminaka, E. *see* Tsutsui, T. 35589
Amindavar, H., Ritcey, J.A. Pade approximations of probability density functions 44860
Amindavar, H., Ritcey, J.A. Pade approximations for detectability in K-clutter and noise 44861
Amine, H., Llopis, O., Plana, R., Graffeuil, J., Sautereau, J.F. Conversion gain and noise in microwave analog frequency dividers using various types of FET 27297
Amine Es-Sbai, Z. *see* Poloujadoff, M. 40196
Amini, A.A. *see* Shi, P. 31905
Amini, M.M., Barr, R.S. Network reoptimization algorithms: a statistically designed comparison 33497
Amini, S. *see* Chen Ke 41191
Amino, T. *see* Ebara, M. 38257
Aminzadeh, M.S. Approximate 1-sided tolerance limits for future observations for the Rayleigh distribution, using regression 41022
Amipre, N.Beer *see* Beer Amipre, N.
Amir, Y., Moser, L.E., Melliar-Smith, P.M., Agarwal, D.A., Ciarfella, P. Fast message ordering and membership using a logical token-passing ring 45355
Amiri, A. *see* Pirkul, H. 45289
Amiri, H., Zamperoni, P. Multiform enhancement by means of locally adaptive rank-order filters for the preprocessing of natural images 22200
Amiri-Hezaveh, A., Balluffi, R.W. Apparatus for producing ultraclean bicrystals by the molecular beam epitaxy growth and ultrahigh vacuum bonding of thin films 773
Amirov, I.I., Abramov, V.V., Vikharev, A.V., Orlikovskii, A.A., Selukov, A.A., Smirnov, V.K. Trench etching in silicon in a halogen-containing plasma with increased pressure 27670
Amiry, A. *see* Robin, D. 6895
Amit, M. *see* Chuchem, D. 11994
Amit, Y. A nonlinear variational problem for image matching 45225
Amitai, D., Averbuch, A., Itzikowitz, S., Turkel, E. Asynchronous and corrected-asynchronous finite difference solutions of PDEs on MIMD multiprocessors 41173
Amitai, Z. QuickSwitch: a new bus connectivity solution 26821
Amitava Sen *see* Shau-Ming Lun 47422
Amlouk, M. *see* Kamoun, N. 33684
Ammann, H. *see* Schutz, J. 44133
Ammann, L.P. *see* Dowling, E.M. 21907
Ammar, F.B., Pietrzak-David, M., de Fornel, B., Godfroid, H. Experimental results on a high power induction motor drive using a field-oriented control based on a Kalman filter implemented on a floating point RISC processor 8890
Ammar, F.Ben *see* Ben Ammar, F.
Ammar, H.H. *see* Kumar, V. 22670
Ammar, H.H. *see* Kumbhat, M. 25503
Ammar, M.H., Cheung, S.Y., Scoglio, C.M. Routing multipoint connections using virtual paths in an ATM network 5253
Ammar, M.H. *see* Clark, R.J. 5491
Ammar, M.H. *see* Rouskas, G. 6024
Ammel, A.Van *see* Van Ammel, A.
Ammerlaan, J.A.M., van der Put, P.J., Schoonman, J. Kinetics and mechanism of tungsten LPCVD using WF_6 and SiH_4 studied by in-situ growth rate measurements 825
Ammons, J.C., Carlyle, W.M., DePuy, G.W., Ellis, K.P., McGinnis, L.F., Tovey, C.A., Xu, H. Computer-aided process planning in printed circuit card assembly 1728
Ammoumou, A., Aboutajdine, D., Najim, M. A new FTF9N stabilized recursive algorithm, implementation on finite-precision 4693
Amnon Silverstein, D., Klein, S.A. A DCT image fidelity metric and its application to a text-based scheme for image display 22083
Amo Ruiz, A.M.Del *see* Del Amo Ruiz, A.M.
Amodio, P., Mastronardi, N. A parallel version of the cyclic reduction algorithm on a hypercube 600
Amodio, P., Mazzia, F. Boundary value methods for the solution of differential-algebraic equations 26368
Amodio, P., Mazzia, F., Trigiante, D. Stability of some boundary value methods for the solution of initial value problems 9476
Amokrane, R. *see* Vanderhaghen, R. 35586
Amon, C.H. *see* Nigen, J.S. 27355
Amon, S. *see* Krizaj, D. 1904
Amon, S. *see* Resnik, D. 10946
Amor, H. High definition video codec for broad band applications 38275
Amor, H., Hagenauer, J., Kays, R., Moll, G., Muller-Romer, F., Schafer, R., Sieben, U., Uhlig, D., Westerkamp, D. HDTV-T—a joint research project on digital terrestrial broadcast of HDTV 30992
Amorim, A., Poggioli, L., Maio, A. Calibration of an electromagnetic calorimeter for LHC using $Z^0 \rightarrow e^+ + e^-$ events 31688
Amoroso, F. Improved method for calculating mitigation bandwidth of DSPN signals 13167
Amoroso, F. Adaptive A/D converter to suppress co-channel constant envelope interference in a mobile digital link 22818
Amoruso, V., Lattarulo, F. The electromagnetic field of an improved lightning return-stroke representation 12515
Amoruso, V., Lattarulo, F. Lightning-originated tangential electric field across air-soil interfaces 29087
Amory, D.W. *see* Zakzewski, C.A. 24325
Amosov, A.V., Barabanov, V.S., Gerasimov, S.Yu., Morozov, N.V., Sergeev, P.B., Stepanchuk, V.N. Electron-beam-induced absorption of laser radiation at λ=193, 248, and 353 nm in quartz glass 28928
Amouri, A. *see* Lucidarme, J. 25399
Amphlett, J.C., Creber, K.A.M., Davis, J.M., Mann, R.F., Peppley, B.A., Stokes, D.M. Hydrogen production by steam reforming of methanol for polymer electrolyte fuel cells 25666
Amplatz, K. *see* Robinson, J.D. 7363

Ampolini, F.P., Ferguson, L.T. A distributed control system based power monitoring system 32704
Amrane, O.Ait *see* Ait Amrane, O.
Amrani, C., Drissi, M., Fouad Hanna, V., Citerne, J. Packaging and interconnection mutual coupling effects in planar structures and discontinuities 1629
Amrani, M.E.H., Ibrahim, M.S., Persaud, K.C. Synthesis, chemical characterisation and multifrequency measurements of poly *N*-(2-pyridyl) pyrrole for sensing volatile chemicals 15112
Amstel, W.D.van *see* van Amstel, W.D.
Amthauer, E.O. *see* Wiechmann, E.P. 16992
Amuchastegui, C., Arizti, F., Sanchez, J.J., Perez Toca, J.M., Gracia, F.J. A new electronic switch controlled by an infrared sensor 1677
Amy, R.M. Standards by consensus [telecommunications] 37266
An, H., Haga, Y., Yosomiya, R. Photovoltaic devices fabricated with encapsulated TiO_2 composite materials and p-type silicon 17404
An, H., Nauwelaers, B., van de Capelle, A. Measurement technique for active microstrip antennas 4281
An, H., Nauwelaers, B., Van de Capelle, A. Broadband active circularly polarized microstrip antennas 29308
An, H. *see* Mori, Y. 15202
An, X. *see* Song, F. 36879
An Dinh Van *see* Dinh Van An
An Hongming *see* Hongming An
An Ilsin *see* Ilsin An
An Nguyen Luong *see* Luong An Nguyen
An Ping Zhao *see* Cvetkovic, S.R. 44089
An Sung-Woo *see* Sung-Woo An
An Wen *see* Wen An
Anaf, L. *see* Catrysse, J.A. 36226
Anagni, F., Marchetti, U., Podesta, L., Sacerdoti, G. New techniques for management of a medium voltage distribution network: optoelectric sensors for control of switchboards in SF_6 17104
Anagnostakis, E.A. Designing a launcher-receptor quantum electron device 28221
Anagnostopoulos, C.N., Erhardt, H.J., Philbrick, R.H., Andrus, J.M., Kecskemety, B.J. A single register 8 K CCD trilinear color sensor with unrestricted exposure settings 38564
Anagnostopoulos, G. *see* Lala, J.H. 17563
Analoui, M., Kagawa, Y. On the surface-patch and wire-grid modeling for planar antenna mounted on metal housing 21380
Anami, K. *see* Shiomi, T. 41892
Anami, K. *see* Ukita, M. 26922
Anami, K. *see* Ukita, M. 34049
Anami, S. *see* Michizono, S. 1810
Anami, S. *see* Saito, Y. 2704
Anan, T. *see* Shimomura, H. 35922
Anan, T. *see* Yokoyama, H. 3710
Ananasso, F., Carosi, M. Architecture and networking issues in satellite systems for personal communications 45891
Ananasso, F., Giancristofaro, D., Ruggieri, M. Design criteria for on-board transmitters in satellite communication systems 30665
Ananasso, F. *see* Jongejans, A. 37929
Anand, G.V. Mode filtering and its applications to sonar signal processing 30926
Anand, G.V. *see* Annachelvi, P. 28342
Anand, R., Mehrotra, K., Mohan, C.K., Ranka, S. Analyzing images containing multiple sparse patterns with neural networks 13642
Anand, R.P. *see* Samant, M.S. 7157
Anand, S., Chidambaram, M. Optimal redundancy allocation of a PWR cooling loop using a multi-stage Monte Carlo method 47661
Anand, V., Haigh, D.G., Khanifar, A., Losada, C.A., Pollard, J.K., Webster, D.R., Parker, A.E. Use of SPICE in communications research 41569
Anand, V., Khanifar, A. A novel integral detector/amplifier/converter for microwave optical communication systems 5936
Anand, V. *see* Khanifar, A. 30746
Ananda, A., Verma, Y., Smith, B.T., Johnson, P.H., Campisi, I.E., Finger, K.E. Bond integrity of microwave absorbers for CEBAF 15467
Ananda Rao, P. *see* Ramaiah, M. 16503
Anandakumaran, K., Stonkus, D.J. Aging assessment of nuclear generating station cables 16546
Anan'ev, V.D., Voronov, B.I., Gundorin, N.A., Denisov, V.D., Kvasnikov, S.A., Konstantinov, V.I., Kulikov, S.V., Matora, I.M., Pogodaev, G.N., Popov, A.B. Measurement of spatial density distribution of primary-neutron generation in a pulse booster 47677
Anan'ev, Y.A. Some unusual resonators 20941
Anani, A., Visintin, A., Petrov, K., Srinivasan, S., Reilly, J.J., Johnson, J.R., Schwarz, R.B., Desch, P.B. Alloys for hydrogen storage in nickel/hydrogen and nickel/metal hydride batteries 32997
Ananiev, S.M., Kashikhin, V.S., Lamzin, E.A., Myasnikov, Yu.A., Nagaenko, M.G., Potekhin, S.P., Rozhdestvensky, B.V., Severgin, Yu.P., Sytchevsky, S.E., Shilkin, N.F., Artyukh, A.G. Magnets for the COMBAS large-acceptance spectrometer 15680
Anantakrishnan, T.S. *see* Narsaiah, A. 16510
Anantaraman, A. *see* Oliveira, J.C.T. 48391
Anantaraman, A.V., Song, G.S., Adama, W.A. A comparative study of electromagnetic fields produced by the operation of electric vehicles and internal combustion engine vehicles 48211
Anantha Raman, K. *see* Basha, A.M. 25489
Ananthakrishnan, T.S., Narsaiah, A., Bairi, B.R. Software design of Radiation Data Acquisition System for KAPP 16533
Ananthakrishnan, T.S. *see* Bhargava, R. 8075
Ananthakrishnan, T.S. *see* Bhargava, R. 16536
Anarim, E., Aydinoglu, H., Goknar, I.C. Decision based directional edge detector 30141
Anarim, E. *see* Yemez, Y. 13628
Anassontzis, E.G. *see* Adam, W. 46929
Anastassiou, D. Scalability for HDTV 30982
Anastassiou, D. *see* Ti-Hao Chiang 31012
Anastassiu, H. *see* Volakis, J.L. 44331
Anat Sneh, Jian-Yu Liu, Johnson, K.M. High-speed analog refractive-index modulator that uses a chiral smectic liquid crystal 35509
Anaya, J.J. *see* Fritsch, C. 7657
Anayama, C., Sekiguchi, H., Kondo, M., Sudo, H., Fukushima, T., Furuya, A., Tanahashi, T. One-step-metalorganic-vapor-phase-epitaxy-grown AlGaInP visible laser using simultaneous impurity doping 3630
Anayama, C. *see* Furaya, A. 43840
Anayama, C. *see* Furuya, A. 12176
Anazawa, Y., Tajima, K., Kaga, A., Ito, Y., Isozaki, H. Analysis of vernier motors based on the unified theory 25876
Anbar, M. *see* Hejazi, S. 31290
Anbo Wang, Shunhua Zhou, Murphy, K.A., Claus, R.O. Photoinduced birefringence rotation in germanosilicate glass optical fiber 43448
Anbo Wang *see* Gollapudi, S. 3068
Anbuhl, K. *see* Bocker, J. 17429
Anbukumar, S. *see* Santhanaraghavan, P. 33587
Anc, M. *see* Sandow, P.M. 1969
Anceau, C. *see* Pezzani, R. 14357
Ancimer, R.J., Fraser, R.A. Flame-induced laser Doppler velocimetry velocity bias 31481
Ancin, F.J., Burrows, B.L., Carrasco, R.A. Pitch detection of speech signals using the wavelet transform 4525
Ancona, M.A. *see* Dobisz, E.A. 2319
Ancona, M.A. *see* Dobisz, E.A. 11038
Ancona, M.A. *see* Dobisz, E.A. 27948
Ancsin, J., Hill, K.D. Contamination of platinum resistance thermometers by silver 46386
and Mavko, B. *see* Stritar, A. 8052
Anderberg, B. *see* Anton, F. 15327
Anderheggen, E. *see* Schwarzenbach, H.U. 31181
Anderle, M. *see* Dana, S.S. 838
Anderle, M. *see* Pavesi, L. 28658
Anderle, M. *see* Pavesi, L. 35616
Anderman, A. Modular avionics and open systems architecture for future manned space flight 47206
Anderman, M. Ni-Cd battery for aircraft: battery design and charging options 39311
Anderman, M., McHenry, E. High performance Ni-Cd cells utilizing fiber structured electrodes 17236
Anderman, M., Tsenter, B. Monoblock sealed Ni-Cd battery for electric vehicles 40624
Andermo, P.G. System flexibility and its requirements on a third generation mobile system 37760
Anders, G.J., Vainberg, M., Horrocks, D.J., Foty, S.M., Motlis, J., Jarnicki, J. Parameters affecting economic selection of cable sizes 32425
Anders, J.T. START vibrating gyroscope 47191
Anders, M., Fuchs, H. Applications of SFM in the chemical industry 28366
Anders, S., Juttner, B., Lindmayer, M., Rusteberg, C., Pursch, H., Unger-Weber, F. Vacuum breakdown with microsecond delay time [interrupters] 8698
Anders, W. Bunch length measurements at the BESSY storage ring 7052
Andersen, B.R., Haddock, J.L., Burgess, R.P., Se Il Kim Korean mainland to Cheju Island HVDC link 39579
Andersen, D.R., Yang, X., Luther-Davies, B. Cross-phase modulation of weak probe beams guided by spatial soliton-induced waveguides 36002
Andersen, D.R. *see* Dasgupta, S. 43821
Andersen, J. *see* Almar, R. 2759
Andersen, J.B., Eggers, P. A heuristic model of power delay profiles in land mobile communications 14466
Andersen, M.A.E. Comparison of three IGBT-inverters, one hard-switched and two with snubber circuits using a minimum number of components 1054
Andersen, M.A.E. A new application for zero-current-switched full-wave resonant converters 16981
Andersen, O. *see* Dalsgaard, P. 4499
Andersh, D.J. *see* Halama, B.B. 47317
Andersh, D.J. *see* Millar, E.M. 46035
Andersin, M., Frodigh, M. Traffic adaptive channel assignment in city environments 45810
Andersohn, L. *see* Horn-von Hoegen, M. 33648
Andersohn, L. *see* Kohler, U. 9612
Anderson, A., Joshi, J. Wideband constant phase digital attenuators for space applications 34265
Anderson, A.A. *see* Jones, A.R. 39943
Anderson, A.J. *see* Carey, M.J. 41960
Anderson, A.P. *see* Tennant, A. 29288
Anderson, A.P. *see* Tennant, A. 36412
Anderson, B., Behnke, J., Berman, M., Kobeissi, H., Huling, B., Langan, J., Sui-Yuan Lynn, Morgan, R. Using COO to select nitride PECVD clean cycle 34783
Anderson, B.D.O. *see* Gray, D.A. 44887
Anderson, B.D.O. *see* Kennedy, R.A. 29578
Anderson, B.D.O. *see* Pulford, G.W. 44853
Anderson, B.M., Cole, J.R., Holland, R.G. An open standard for industrial controllers 5515
Anderson, C.H. *see* Lee, M. 37049
Anderson, C.J., Lyle, J.A. Technique for evaluating system performance using Q in numerical simulations exhibiting intersymbol interference 30726
Anderson, C.S. *see* Hendrix, C.E. 36204
Anderson, D., Desaix, M., Karlsson, M., Lisak, M. Nonlinear optical beam propagation 3888
Anderson, D. *see* Hook, A. 20321
Anderson, D. *see* Moslehi, M.M. 28269
Anderson, D. *see* Semenov, V. 1495
Anderson, D. *see* Socolow, R.H. *(editor)* 26038
Anderson, D.F., Kierstead, J.A., Lecoq, P., Stoll, S., Woody, C.L. A search for scintillation in doped and orthorhombic lead fluoride 46870
Anderson, D.F., Kwan, S., Peskov, V. CsI and some new photocathodes 42350
Anderson, D.F. *see* Aprile, E. 31717
Anderson, D.F. *see* Aprile, E. 46900
Anderson, D.F. *see* Fanourakis, G.K. 24011
Anderson, D.F. *see* Woody, C.L. 7253
Anderson, D.J., Valera, J.D., Jones, J.D.C. Electronic speckle pattern interferometry using diode lase stroboscopic illumination 6864
Anderson, D.J. *see* Morgan, R.D. 11611
Anderson, D.N. *see* Decker, D.T. 47253
Anderson, D.P. Metascheduling for continuous media 5508
Anderson, D.P. *see* Megiddo, N. 4646
Anderson, D.P. *see* Tench, D.M. 17832
Anderson, D.R., Ball, M.S., Caussyn, D., Ellison, M.J., Ellison, T.J.P., Fox, W., Friesel, D., Hamilton, B., Lee, S.Y., Nagaitsev, S., Schwandt, P., Adney, J., Ferry, J., Sundquist, M., Reistad, D., Sedlacek, M. Design of a 6 MeV electron cooling system for the SSC medium energy booster 7064
Anderson, E.B., Taylor, E.J., Wilemski, G., Gelb, A. A high performance hydrogen/chlorine fuel cell for space power applications 33010
Anderson, E.C., Natarajan, N. A reference architecture for telecommunications operations applications 30305
Anderson, E.H. *see* Ferrera, J. 27909
Anderson, E.W. *see* Pasquale, J.C. 13972
Anderson, F. 3D ellipsoidal backprojection images from large arrays. II 16083
Anderson, G., Cohen, I., Homann, B., Smith, D., Strossman, W., VanDalen, G.J., Weaver, L.S., Evans, D., Vernon, W., Band, A., Burman, R., Chang, T., Federspiel, F., Foreman, W., Gomulka, S., Hart, G., Kozlowski, T., Louis, W.C., Margulies, J., Nuanes, A., Sandberg, V., Thompson, T.N., White, D.H., Whitehouse, D. Data acquisition system for the Large Scintillating Neutrino Detector at Los Alamos 38901
Anderson, G.B., Peters, A.J. An overview of the maintenance and reliability of AC traction systems 48372
Anderson, G.B. *see* Fork, D.K. 28309
Anderson, G.B. *see* Johnson, R.I. 27492
Anderson, G.B. *see* Mei, P. 42911
Anderson, G.B. *see* Ready, S.E. 27459
Anderson, G.D. Grasping rigid objects in zero-g 39142
Anderson, G.P., Golden, J.P., Ligler, F.S. A fiber optic biosensor: combination tapered fibers designed for improved signal acquisition 6615
Anderson, G.W. *see* Kub, F.J. 11835
Anderson, H.R. A ray-tracing propagation model for digital broadcast systems in urban areas 12597
Anderson, H.R. Digital terrain database structures and accuracy requirements for propagation modelling 36213
Anderson, H.U. *see* Carter, J.D. 17344
Anderson, H.U. *see* Chen, C.C. 17273
Anderson, H.U. *see* Chen, C.C. 17370
Anderson, H.U. *see* Tai, L.-W. 17272
Anderson, J. Mastering analogue filters 18850
Anderson, J. Circuitmaker, circuit training? 41555
Anderson, J., Doshi, B.T., Dravida, S., Harshavardhana, P. Fast restoration of ATM networks 37599
Anderson, J. *see* Kleam, J. 32567
Anderson, J. *see* Risk, I.C. 13827
Anderson, J.A., Fernando, J., Nguyen, T., Prior, J.O., Constantinescu, A., Parkey, R.W., Antich, P.P., Chaney, R.C., Hammack, H., Fenyves, E.J. Constructing a small laboratory animal imaging device based on scintillating fibers 24244
Anderson, J.A. *see* Nelson, G.S. 24245
Anderson, J.A. *see* Prior, J.O. 24074
Anderson, J.B. *see* Balachandran, K. 36512
Anderson, J.C. A spectral magnitude analysis theorem and applications 13345

Anderson, J.C. A wavelet magnitude analysis theorem 44979
Anderson, J.E. *see* Adams, K.M. 34351
Anderson, J.G., Short, T.A. Algorithms for calculating of lightning induced voltages on distribution lines 24597
Anderson, J.G. *see* McDermott, T.E. 47579
Anderson, J.L. *see* Stein, K.M. 24285
Anderson, J.M., Sibbald, C.L., Stuchly, S.S. Dielectric measurements using a rational function model 46588
Anderson, J.M. *see* Stuchly, S.S. 44532
Anderson, J.McC., Dempsey, G.J., Wright, G.T.H., Cullen, C., Crawley, M., McAdams, E.T., McLaughlin, J., MacKenzie, G., Adgey, A.A.J. Portable cardiac mapping assessment of acute ischaemic injury 39130
Anderson, J.S. *see* Cunningham, J.P. 22445
Anderson, K. Advanced control concurrent front end [thermal power stations] 47721
Anderson, K. *see* Loe, R.S. 13376
Anderson, K.R. *see* Wirsz, E. 5519
Anderson, L. *see* Bergemont, A. 18742
Anderson, L. *see* Hoang, L. 18712
Anderson, L. *see* Sethi, R.B. 854
Anderson, L.W. *see* Childs, M.A. 41455
Anderson, L.W. *see* Voytas, P.A. 31641
Anderson, M. EMI countermeasures 36243
Anderson, M., Berman, F. Assessing partitioning/scheduling/storage trade-offs for regular iterative algorithms 1244
Anderson, M., Lawson, S. A direct approach to the design of multidimensional PCAS digital filters satisfying gain and group delay specifications simultaneously 42053
Anderson, M.P., Loew, M.H., Brown, D.G. Gabor function based medical image compression 36583
Anderson, N.C. Studies on ion implanted GaAs [switches] 28619
Anderson, N.G. *see* Toivonen, M. 10722
Anderson, N.G. *see* Unnikrishnan, S. 12237
Anderson, P. Effective use of local workstation disks in an NFS network 5550
Anderson, P.C., Hanson, W.B., Coley, W.R., Hoegy, W.R. Spacecraft potential effects on the Dynamics Explorer 2 satellite 47269
Anderson, P.G. *see* Gaborski, R.S. 45117
Anderson, R. *see* Hamilton, H. 2831
Anderson, R. *see* Lunt, M.J. 15819
Anderson, R.A. *see* Swegle, J.A. 34484
Anderson, R.B. Cogeneration and independent electric power production 39899
Anderson, R.D., Jr. The practical application of total quality management 410
Anderson, R.E. *see* Campbell, A.N. 35049
Anderson, R.E. *see* Campbell, A.N. 43043
Anderson, R.J., Gibbons, E.P., Perry, S.T. Operation of the Helios 1 compact synchrotron RF system 15460
Anderson, R.J., Wilson, M.N., Smith, A.I.C., Jorden, A.R., Kempson, V.C., Schouten, J.C., Townsend, M.C., Uythoven, J.A., Andrews, D.E., Weger, A. Report on Helios: routine operation 6911
Anderson, R.J. *see* Wilson, M.N. 7113
Anderson, S. *see* Bruns, G. 45503
Anderson, S.E. *see* Liao, S.H. 11484
Anderson, S.G.H., Yeo, I.-S., Jawarani, D., Ho, P.S., Ramaswami, S., Cheung, R. Confinement effects of oxide overlayers on the stress and yield behavior of Al alloys 19666
Anderson, S.J. *see* Munukutla, L.V. 11125
Anderson, S.R. *see* Zupac, D. 34975
Anderson, T. *see* Stephens, T. 38046
Anderson, T. *see* Tomov, I.V. 42358
Anderson, T.E., Owicki, S.S., Saxe, J.B., Thacker, C.P. High-speed switch scheduling for local-area networks 30397
Anderson, T.J. *see* Rees, W.S., Jr. 756
Anderson, T.J. *see* Rees, W.S., Jr. 41385
Anderson, T.J. *see* Yu, J.E. 42655
Anderson, W. *see* Gal, G. 43491
Anderson, W.A. *see* He, L. 2056
Anderson, W.A. *see* He, L. 10867
Anderson, W.A. *see* He, L. 34506
Anderson, W.A. *see* Jia, Q.X. 10539
Anderson, W.A. *see* Jia, Q.X. 18194
Anderson, W.A. *see* Jia, Q.X. 35185
Anderson, W.A. *see* Shi, Z.Q. 1936
Anderson, W.A. *see* Shi, Z.Q. 11404
Anderson, W.A. *see* Shi, Z.Q. 19428
Anderson, W.A. *see* Wallace, R.L. 9683
Anderson, W.A. *see* Zheng, J.P. 11854
Anderson, W.R., Lombardi, D.R., Wheeler, R.G., Ma, T.P., Mitev, P.H. Determination of Si/SiO_2 interface roughness using weak localization 19470
Anderson, W.T., Christianson, K.A., Moglestue, C. Failure mechanisms in life-tested HEMTs 2570
Anderson, W.T., Gerdes, J., Roussos, J.A. Temperature dependent GaAs MMIC radiation effects 34268
Anderson, W.T. *see* Papanicolaou, N.A. 42999
Andersson, A.M. *see* Gustafsson, J.C. 20395
Andersson, B. *see* Mangan, M.F. 48419
Andersson, B.A.G. BusinessPhone 24—a new digital key and hybrid system 5393
Andersson, F., Ohlen, C. REL 100 transmission line terminal—one example of 'the intelligent terminal' 7818
Andersson, G. Interaction between AC and DC systems 47428
Andersson, G. *see* Noroozian, M. 24684
Andersson, G. *see* Noroozian, M. 32243
Andersson, J.Y. *see* Lundqvist, L. 23575
Andersson, L. Reliable and easy to operate [personal alarm system] 45781
Andersson, L. *see* Nakhamkin, M. 33082
Andersson, L.-G. *see* Beamount, P. 17131
Andersson, M., Bjork, C., Karlsson, B. Energy system cost reduction as a result of end-use measures and the introduction of a biomass-fired cogeneration plant 25208
Andersson, M. *see* Bjork, C. 9030
Andersson, M. *see* Hult, M. 27578
Andersson, M.O. *see* Farmer, K.R. 19735
Andersson, M.O. *see* Lundgren, P. 2413
Andersson, P., Philipson, L.H. Interaction semantics of a symbolic layout editor for parameterized modules 9896
Andersson, R., Heinonen, K. Experiences of furfuraldehyde analysis in condition monitoring of power transformers 16917
Andersson, T. Moment-method calculations on apertures using basis singular functions 36161
Andersson, T.G. *see* Ekenstedt, M.J. 668
Andersson, T.G. *see* Wang, S.M. 41260
Andersson, Y. *see* Hult, M. 27578
Anderton, S. Issues for VPN users 13984
Andhole, S.K. *see* Bhattacharya, P.K. 34963
Andiani, D., Pusaka, J. Calibration system for national line standard: a first look 31089
Andideh, E. *see* Adesida, I. 2185
Andina, D. *see* Sanz-Gonzalez, J.L. 13414
Andle, J.C., Josse, F., Vetelino, J.F., McAllister, D.J. Design of an improved acoustic plate mode delay line for biosensor applications 15098
Andler, G. *see* Abrahamsson, K. 15584
Andlinger, M. *see* Bencze, G.L. 38858
Andlinger, M. *see* Gasparini, F. 7223
Ando, A., Tsumori, K., Takeiri, Y., Kaneko, O., Oka, Y., Okuyama, T., Kojima, H., Yamashita, Y., Akiyama, R., Kawamoto, T., Mineo, K., Kurata, T., Kuroda, T. Cesium-seeded experiments on the 1/3-scaled H^- ion source for Large Helical Device 38832
Ando, A. *see* Tamura, N. 46889
Ando, A. *see* Tomizawa, M. 15571
Ando, D., Higashino, S., Yanaka, K. Avoiding accumulation of deterioration caused by iterated DCT image coding 29891
Ando, F. *see* Tanaka, K. 11321
Ando, H., Yokota, T., Tanoue, K. Optical head with annular phase-shifting apodizer 20262
Ando, H. *see* Ando, S. 3592
Ando, H. *see* Chavez-Pirson, A. 43859
Ando, H. *see* Fujii, T. 692
Ando, H. *see* Fujii, T. 2475
Ando, H. *see* Shimizu, M. 46668
Ando, K., Takahashi, K., Takeuchi, Y. Stabilization of metastable zinc-blende phase MnTe by ionized cluster beam deposition 9786
Ando, K. *see* Arai, A. 25003
Ando, K. *see* Onishi, H. 7962
Ando, K. *see* Yamaguchi, M. 8757
Ando, K. *see* Zhong, L. 1825
Ando, M. New DBS receiver antennas 29376
Ando, M., Sato, M., Murasaki, T. Uniform fields by classical GTD equivalent edge currents 12588
Ando, M. *see* Hayakawa, Y. 33589
Ando, M. *see* Ichikawa, K. 29349
Ando, M. *see* Koezuka, T. 431
Ando, M. *see* Murasaki, T. 21198
Ando, N. *see* Mita, Y. 3344
Ando, N.Shigeo *see* Shigeo Ando, N.
Ando, S. Micro order emphasis: a probability cohesion approach to image noise reduction and enhancement 22184
Ando, S., Kobayashi, N., Ando, H. Novel hexagonal-facet GaAs/AlGaAs laser grown by selective area metalorganic chemical vapor deposition 3592
Ando, S., Sawada, T., Inoue, Y. Thin, flexible waveplate of fluorinated polyimide 11799
Ando, S. *see* Fukui, T. 9744
Ando, S. *see* Matsuura, T. 11645
Ando, S. *see* Nagao, K. 22160
Ando, S. *see* Shinoda, H. 15827
Ando, S. *see* Sogawa, T. 26474
Ando, S. *see* Sogawa, T. 27541
Ando, S. *see* Suzuki, K. 11217
Ando, T. Trend of linear image sensors and related image input technologies 38557
Ando, T., Isomae, S., Tamura, M. Reduction of p-n junction leakage currents by high-energy carbon ion implantation 1920
Ando, T., Tomioka, T., Nakazono, M., Atsumi, K., Tane, Y., Nakano, J., Hirata, S. Fine pitch TAB assembly technology for 820 pin count ceramic PGA using single point bonding technology at room temperature 42338
Ando, T. *see* Isomae, S. 10822
Ando, T. *see* Kimura, Y. 34488
Ando, T. *see* Miura, Y. 15241
Ando, T. *see* Tamura, M. 1911
Ando, T. *see* Tsuji, H. 28422
Ando, T. *see* Tsuji, H. 28422
Ando, T. *see* Yamauchi, J. 11649
Ando, T. *see* Yamauchi, J. 20367
Ando, Y., Kuzuhara, M., Itoh, T. Cylindrical gate approach for signal and noise modeling of striped channel field-effect transistors 10461
Ando, Y. *see* Kanayama, K. 2956
Ando, Y. *see* Korenaga, Y. 14846
Ando, Y. *see* Osawa, M. 34236
Ando Hideki *see* Hideki Ando
Andoh, E. *see* Kamiya, N. 26379
Andoh, E. *see* Kamiya, N. 41160
Andoh, H. *see* Minemura, H. 20271
Andoh, N. *see* Fujiwara, O. 21288
Andoh, N. *see* Nakahara, K. 1595
Andoh, N. *see* Yamamoto, K. 10027
Andonov, R. *see* Marnane, W.P. 4420
Andonovic, I. *see* Fawcett, G. 3040
Andonovic, I. *see* Hunter, D.K. 5670
Andonovic, I. *see* Smith, G.R. 5049
Andonovic, I. *see* Tancevski, L. 46007
Andou, K. *see* Kawano, M. 27907
Andra, P. *see* Osten, W. 31432
Andrade, A.M.de *see* de Andrade, A.M.
Andrade, D.L. *see* Vassiliadis, C.A. 40042
Andrade, M.C.de *see* de Andrade, M.C.
Andrade, V.H.G. *see* Vaisman, R. 24939
Andrae, C., Gotzhein, R., Sedillot, S. An evolutionary approach to the development of complex protocol standards 14117
Andrasic, G., James, J.R. Height reduced superdirective array with helical directors 12775
Andrasic, G., James, J.R., White, M.P. Performance limitations due to environmental coupling constraints for electrically small superconducting HF loop antennas 12762
Andre, A.D., Johnson, W.W. Stereo effectiveness evaluation for precision hover tasks in a helmet-mounted display simulator 24394
Andre, E. *see* Moison, J.M. 18205
Andre, J.-C., Viriot, M.-L., Goure, J.-P., Coulet, P. Opto-electronic devices for chemical and biochemical sensors 43609
Andre, J.P., Bellon, P. Control of ordering-disordering defect parameters for the realization of efficient opto-electronic devices 1922
Andre, J.P., Deswarte, A., Lugagne-Delpon, E., Voisin, P., Ruterana, P. High electron mobility in $(InAs)_n(GaAs)_n$ short period superlattices grown by MOVPE for high-electron mobility transistor structure 41293
Andre-Obrecht, R., Suaudeau, N. Modeling sound duration in an automatic recognition system based on hidden Markov models 21705
Andreaco, M. *see* Moses, W.W. 15732
Andreadakis, N.C. *see* Poguntke, K.R. 46014
Andreae, G., Niessen, G. Ceramic joints for high temperature sensor applications 886
Andreae, J.H. *see* Watson, C.I. 7491
Andreasen, A. *see* Drewes, A.M. 24279
Andreasen, L., Johns, B., Pezzullo, W., Reuben, C., Tsuji, B., Brisebois, M., Travis, K., Allen, P. ADSI: the dawn of a new age of interactive services 37652
Andreasen, M.M. *see* Duffy, A.H.B. 17798
Andreasen, S.B. *see* Hansen, S.L. 43794
Andreasen, S.Bank *see* Bank Andreasen, S.
Andreassen, S. Model-based biosignal interpretation 39074
Andreatos, A.S., Protonotarios, E.N., De Grandi, G. The design of a transceiver for packet video communication on an integrated services network 23283
Andree, W. *see* Nacke, B. 17621
Andreeff, T. *see* Knowles, W.M.C. 8110
Andreeff, T. *see* Knowles, W.M.C. 16608
Andreeta, J.P. *see* Frejlich, J. 31525
Andreev, A. Yu. *see* Vasilevskiy, M.I. 774
Andreev, A.A., Platonov, K.Yu. Spatial structure of the electromagnetic field in a three-wave free-electron laser 28890
Andreev, A.A. *see* Khanov, D. 20552
Andreev, A.A. *see* Khanov, D. 20553
Andreev, A.T., Panajotov, K.P. Distributed single-mode fiber to single-mode planar waveguide coupler 43411
Andreev, A.T., Panajotov, K.P., Zafirova, B.S., Koprinarova, J.B. Single-mode fiber to planar waveguide coupling 35347
Andreev, A.T. *see* Panajotov, K.P. 35348
Andreev, A.Ts., Vasilev, V.D., Kozlov, V.A., Kuznetsov, A.V., Senatorov, A.A., Shubochkin, R.L. Polarization phase nonreciprocity in all-fiber ring interferometers 15051
Andreev, I.Yu., Zotov, I.V. Frequency division of composite signals in multichannel asynchronous communication systems 30195
Andreev, N.I. *see* Ageev, A.I. 15546
Andreev, P. *see* Pavlov, D. 17226
Andreev, V.A., Andrianov, A.A., Emel'yanov, A.N., Sidnev, S.A. Mutual influence of strip-conductor circuits 10541
Andreev, V.A. *see* Man'ko, V.S. 10753
Andreev, V.A. *see* Ryzhkov, V.N. 10802
Andreev, V.M., Zhebulev, I.A., Karlina, L.B., Mokina, I.A., Rumyantsev, V.D., Shvarts, M.Z. A high-efficiency $InP/In_{0.53}Ga_{0.47}As$ element for tandem solar cells 17394
Andreev, Yu.N. *see* Bhar, G.C. 3833

Andreeva, E.I., Shcherbakov, A.S., Berishev, I.E., Il'in, Yu.V., Tarasov, I.S. Semiconductor generator of binary words formed by picosecond optical pulses 35802
Andreeva, E.I. *see* Shcherbakov, A.S. 11566
Andreeva, R.I., Kochetkov, A.A., Nikolaev, V.N. Determining the activation energy of the degradation of InGaAsP heterojunction lasers at λ=1.55 μm 20816
Andrei, R.G., Keri, A.J.F., Albanese, R.J., Johnson, P.B. Bridge capacitor bank installation concept reactive power generation in EHV systems 32201
Andrejco, M. *see* Eskildsen, L. 12066
Andrejco, M. *see* Eskildsen, L. 37981
Andrejco, M. *see* Goldstein, E.L. 23006
Andrejco, M.T. *see* Fermann, M.E. 20756
Andrejco, M.T. *see* Stock, M.L. 3483
Andrejczuk, A., Zukowski, E., Dobrzynski, L., Cooper, M.J. A spectrometer for Compton scattering studies of heavy elements and the problem of bremsstrahlung background 24134
Andrekson, P.A. Linear propagation of optical picosecond pulse trains over oceanic distances 5873
Andrekson, P.A. *see* Bertilsson, K. 12099
Andrekson, P.A. *see* Bertilsson, K. 28802
Andrekson, P.A. *see* Bertilsson, K. 43799
Andren, B., Briedne, M., Hansson, L.A., Persson, B. Visual relevance of display image quality testing by photometric methods 23918
Andrenko, A.S. Rigorous solution of the problem of dielectric slab modes scattering by finite-periodic inhomogeneities 12700
Andrenko, A.S. *see* Nosich, A.I. 44533
Andreotta, R.J. The role of the communications industry in data superhighways 45398
Andreou, A.G. *see* Liu, W. 13086
Andreou, A.G. *see* Paschalidis, N.P. 11307
Andres, M.del Carmen de *see* del Carmen de Andres, M.
Andres, P. *see* Lancis, T. 45144
Andresen, B.F., Levy, B. MWIR target contrast reduction due to solar scattering 32156
Andresen, B.H. *see* Carbajal, B.G., III 28278
Andresen, J. Leased line choices for high-speed data 30406
Andresen, K., Yu, Q. Robust phase unwrapping by spin filtering combined with a phase direction map 4946
Andresen, T. *see* Hernes, M. 48313
Andresic, G. *see* James, J.R. 13204
Andreu, J. *see* Asensi, J.M. 28062
Andreu, J. *see* Bertomeu, J. 27517
Andreu, J. *see* Puigdollers, J. 28617
Andreu, O., Gedge, S.L., Pollard, J.K., Khanifar, A. Modelling of the narrow-band mobile radio channel in a data communication simulation 5795
Andreu, V. *see* Esteve, M. 14219
Andreuccetti, D., Bini, M., Ignesti, A., Olmi, R., Priori, S., Vanni, R. High permittivity patch radiator for single and multi-element hyperthermia applicators 15906
Andreucci, F., Camporeale, C., Uliana, M. A stereoscopic technique for seafloor statistical characterization by acoustic remote sensing 24514
Andrew, J.P., Ogunbona, P.O., Paoloni, F.J. Image coding using DCT and wavelet techniques 36908
Andrew, J.P. *see* Ogunbona, P.O. 36907
Andrew, S.R. *see* Marsh, J.H. 3398
Andrews, A.J. *see* Fletcher, J.H. 35698
Andrews, B.D., Effros, M., Chou, P.A., Gray, R.M. A mean-removed variation of weighted universal vector quantization for image coding 4849
Andrews, C.C., Spencer, G.F., Li, F., Weichold, M.H., Kirk, W.P. Fabrication and low temperature transport studies of sub-micron, in-plane gated FETs defined by low energy ion exposure 19920
Andrews, C.C., Spencer, G.F., Li, F., Weichold, M.H., Kirk, W.P. Fabrication of a nanoscale, in-plane gated quantum wire by low energy ion exposure 42992
Andrews, C.C. *see* Li, F. 27549
Andrews, C.J. Regional differences in emissions reduction opportunities: policy implications 8034
Andrews, C.J. A simple model for assessing emissions reduction options 32518
Andrews, D. *see* Jenkins, R. 23448
Andrews, D.E. *see* Anderson, R.J. 6911
Andrews, D.L., Conrad, J.M., Schaper, L., Mengel, S.A., Berleant, D.J. Design of a high speed MIMD distributed processor node using MCM technology 359
Andrews, J. IEEE 1149.1 applied to mixed TTL-ECL and differential logic 1157
Andrews, J. Two years after JTAG became an IEEE standard 26163
Andrews, J. *see* Carlson, N.W. 20825
Andrews, J.H., Singer, K.D. Photoinduced diffraction in polymer waveguides 20381
Andrews, J.H., Singer, K.D., Cahill, P.A. Nonlinear optical interactions in polymer waveguides 21028
Andrews, J.P., McClintock, J.A. Interferometric optical sensor readout system 6551
Andrews, J.R. *see* Kraft, V. 13058
Andrews, J.T. *see* Abeles, J.H. 20863
Andrews, J.W. *see* Hu, Y.Z. 2197
Andrews, M., Anwar, M.A., Cole, R., Reiffer, G. BT Northern Ireland STAR SDH network—NISTAR 13946
Andrews, M., Boys, J.T. Improvements in estimating the spectra of random PWM waveforms 4656
Andrews, M.K., Harris, P.D., Turner, G.C., Harris, I.M. A miniature resonating pressure sensor 14963
Andrews, M.S. Eigenstructure based pitch estimation in speech processing applications 29531
Andreyev, A.V. *see* Artyushin, V.V. 14402
Andreyev, G.A., Argatin, S.G., Khokhlov, G.I. A method of subsurface sounding using an LFM signal 30603
Andreyev, G.A., Kokhlov, G.I. Effective scattering area of circularly polarized short millimeter waves by ground covers 44339
Andreyev, V.A., Shul'ga, V.G. The resultant protection from mutual electromagnetic interference of balanced circuits of the IKM-480S regeneration sections 30592
Andreyeva, L.N. *see* Oranov, A.M. 9875
Andria, G., Savino, M., Trotta, A. FFT-based algorithm oriented to measurements on multifrequency signals 4608
Andriamampianina, L., Stamon, G., Karavias, G., Poulenard, M. Numerical descriptor of 2D forms applied to line drawings 22015
Andriamifidy, J.L., Vives Fos, R., Ramiarinjaona, C., Rialland, J.F. Predetermination of the electromagnetic losses in high speed electrical machines: application to switch reluctance motor 8341
Andrian, J. *see* Adjouadi, M. 13706
Andrian, J. *see* Ivanov, D. 46402
Andrianov, A.A. *see* Andreev, V.A. 10541
Andrianov, S.N., Zalilova, N.E., Makeeva, E.V., Mirumyants, S.O., Salakhutdinov, I.F., Trofanchuk, L.A. Ion-exchange method of forming waveguides in glasses for the IR region 11651
Andrianov, V.A. Subsurface radar of the layered-inhomogeneous soil of a planet 6170
Andrianov, V.A., Smirnov, V.M. Determination of altitude profile of electron density of the Earth's ionosphere from two-frequency measurements of the radio signals of satellites 47246
Andrianov, V.I. *see* Chertkov, V.A. 34135
Andricacos, P.C. *see* Chang, J.W. 11487
Andriesh, A., Chumash, V., Cojocary, I., Bertolotti, M., Fazio, E., Michelotti, F., Hulin, D. Optical hysteresis and ultrafast transmission switching in chalcogenide glasses 3796
Andrieu, J. *see* Raingeaud, Y. 44386
Andrieux, B. Revamping of fossil and nuclear power plant condensers 47716
Andrievskii, E.A., Mazmanyan, R.O. Generalized structure and algorithm of operation of an automatic magnetic property-measuring system 31389
Andrievskii, V.F., Aslamov, P.P., Budko, T.O., Gushchinskaya, E.V., Zaporozhets, E.V., Malyshev, S.A., Ryzhkov, M.P., Shevtsov, V.S. Photodetectors on $A^{III}B^{V}$ compounds for integrated microcircuits with optical interconnections 28672
Andriole, K.P. *see* Huang, H.K. 37495
Andrisaev, B. *see* Akaev, A. 11569
Andrisano, O., Chiani, M., Tralli, V., Frullone, M., Moss, C.R. Millimetre wave short range communications for advanced transport telematics 5748
Androjna, F. NEK Operating Experience Assessment Program 39883
Andronov, Yu.I. *see* Anikanov, S.S. 32591
Androsch, I., Glas, P. Influence of spatio-temporal refractive index changes in a GaAs etalon on the generation of ultrashort pulses in a Nd-phosphate glass laser 28765
Androulidaki, M. *see* Dimoulas, A. 2567
Androulidaki, M. *see* Tzanetakis, P. 35564
Andruk, W. *see* Hart, M.C. 17186
Andrukhiv, M.G., Belotelov, S.V., Virt, I.S. Transient processes in n^{+}-p structures made of $Cd_xHg_{1-x}Te$ 42467
Andrukhiv, M.G. *see* Khlyap, G.M. 10720
Andrus, H.E., Jr. *see* Thibeault, P.R. 8213
Andrus, H.E., Jr. *see* Thibeault, P.R. 32757
Andrus, J.M. *see* Anagnostopoulos, C.N. 38564
Andruszkiewicz, J. Influence of measured and regulated quantities of a controller of a capacitor bank upon effectiveness of parallel compensation 7703
Andruszkiewicz, J., Kordus, A., Lorenc, J., Marszalkiewicz, K. A power capacitor bank controller with improved properties in voltage distortion conditions 40389
Anello, S.F. *see* Male, H. 39187
Anemogiannis, E. *see* Henderson, G.N. 20905
Anemogiannis, K. *see* Dill, R. 30630
Anescu, G., Negut, G. FTRE—a PC computer code based on a fault tree reduction algorithm and its PSA application 39881
Anferov, V.A. *see* Phelps, R.A. 38798
Anfindsen, O.Jorgen *see* Jorgen Anfindsen, O.
Anfinogentov, V.G., Trubetskov, D.I. Chaotic oscillations in hydrodynamic model of Pierce diode 1788
Anfossi, D. *see* Marzorati, A. 16001
Anfossi, I. *see* Wernekinck, E. 16959
Ang, G.C., Bin, S., Gay, R.K.L. A conceptual data model for PCB assembly based on the STEP methodology 10568
Ang, M.K., Gay, R.K.L., Chew, L.C. A generic CAD interface from PCB CAD systems to autoinsertion machines 33340
Ang, P. *see* Tong, P. 22170
Ang, P.H., Ruetz, P.A., Auld, D. Advances in video compression 22167
Ang, P.H. *see* Hatamian, M. 27005
Ang, R.P., Dutt, N.D. A representation for the binding of RT-component functionality to HDL behavior 1177
Ang, R.P., Dutt, N.D. Equivalent design representations and transformations for interactive scheduling 26604
Ang, S.S., Shi, Y.J., Brown, W.D. A comparison of square, triangular, and sinusoidal waveforms used for avalanche electron injection in MOS structures 27593
Ang, S.S., Shi, Y.J., Brown, W.D., West, L. The effects of gamma irradiation on low-pressure chemical-vapor-deposited silicon dioxide metal-oxide-silicon structures 42587
Ang, S.S. *see* Ranade, R.M. 19558
Ang Chuan-Heng *see* Chuan-Heng Ang
Ang Gim Ching, J., Yap Kian Tiong, Gay, R. Modelling of information on printed circuit board using STEP 9236
Angadi, M.A., Thanigaimani, V. Hall effect in MnTe films 34558
Angelaccio, M., Colajanni, M. Subcube matrix decomposition: a unifying view for LU factorization on multicomputers 33539
Angelidis, E., Diamessis, J.E. A novel method for designing FIR digital filters with nonuniform frequency samples 42075
Angelidis, G., Semlyen, A. Optimal power flow using a generalized power balance constraint 16216
Angelini, F., Bellazzini, R., Brez, A., Lomtadze, T., Massai, M.M., Raffo, R., Spandre, G., Spezziga, M.A. A thin, large area microstrip gas chamber with strip and pad readout 7225
Angelini, F., Bellazzini, R., Brez, A., Massai, M.M., Raffo, R., Spandre, G., Spezziga, M., Bozzo, M., Meyer, T., Ribeiro, R., Markou, A., Clergeau, J.F., Contardo, D., Smadja, G. Behaviour of microstrip gas chamber in strong magnetic field 46951
Angelini, L. *see* Rovetta, A. 39082
Angelini, R. What was earlier a pair of wires. Data communication in building automation 17419
Angelini, R. Data communications for building automation 33088
Angelique, J.C. *see* He Zhiyong 46884
Angelis, A.D. *see* Ciocci, F. 28895
Angelis, C.de *see* de Angelis, C.
Angelis, D.De *see* De Angelis, D.
Angelis, K.de *see* de Angelis, K.
Angello, L. *see* Sanyal, A. 8125
Angello, L.C., Folsom, B.A., Sommer, T.M., Pratapas, J.M., Krueger, M.S. Field evaluation of gas cofiring as a viable dual fuel strategy 8123
Angelo, J.E. *see* de Boer, M.P. 33668
Angelopoulos, G., Pitas, I. 2-D FFT algorithms with parallel bit reversion on hypercube computers 9497
Angelopoulos, J.D., Venieris, I.S., Stassinopoulos, G.I. A TDMA based access control scheme for APON's 6082
Angelopoulos, J.D. *see* Venieris, I.S. 13883
Angelopoulos, J.D. *see* Venieris, I.S. 14049
Angelopoulos, J.D. *see* Venieris, I.S. 22511
Angelopoulos, M., Patel, N., Shaw, J.M., Labianca, N.C., Rishton, S.A. Water soluble conducting polyanilines: applications in lithography 27959
Angelov, I., Zirath, H., Rorsman, N., Karlsson, C., Weikle, R.M., II An *F*-band resistive mixer based on heterostructure field effect transistor technology 1607
Angelov, I. *see* Zirath, H. 1591
Angelov, I. *see* Zirath, H. 27274
Angelov, I.W. *see* Iliev, G.S. 13364
Angelskii, O.V., Strinadko, M.T., Timochko, B.M., Dominikov, N.N. Holographic recording of distant objects 21098
Angelutz, A.A. *see* Abil'siitov, G.A. 11961
Angenieux, G. *see* Ferrari, P. 31405
Angenieux, G. *see* Tao, J.-W. 4207
Angenieux, G. *see* Tao, J.-W. 27123
Angenieux, G. *see* Tao, J.-W. 29252
Angert, N., Bossler, J., Dahl, L., Glatz, J., Gutowski, W., Hutter, G., Klabunde, J., Kube, G., Nicklas, A., Ratzinger, U., Schafer, D., Schulte, H., Schwedhelm, R., Spadtke, P., Vinzenz, W., Wolf, B., Deitinghoff, H., Friedrich, J., Klein, H., Schempp, A. Commissioning and first operation experience of the new heavy ion injector of the UNILAC 6905
Angert, N. *see* Amendola, G. 15300
Angert, N. *see* Friedrich, J. 15302

Angert, N. *see* Jennewein, E. 23963
Angert, N. *see* Steck, M. 7061
Anghinolfi, F., Aspell, P., Campbell, M., Heijne, E.H.M., Jarron, P., Meddeler, G., Santiard, J.C. ICON, a current mode preamplifier in CMOS technology for use with high rate particle detectors 1079
Anghinolfi, F. *see* Bates, S. 24057
Anghinolfi, F. *see* Dierickx, B. 24001
Angiolillo, J.S., Blanchard, H.E., Israelski, E.W. Video telephony 22471
Anglade, F. Quantitative measurement of solderability by meniscography technology applied to SMDS 34411
Anglin, R.L., Jr. International organizations to enable world-wide mobile satellite services 37734
Angrilli, F., Basso, R. Monitoring and diagnostics of stresses in reciprocating machines 46640
Angstadt, R., Johnson, M.E., Martin, M.I., Matulik, M.S., Utes, M. Design of a hardware testing system for the D Zero detector 15673
Anguela, X., Broquetas, A. A near field 3D radar imaging technique 30870
Anguelov, T. *see* Bozzoli, W. 38923
Anguelov, T. *see* Green, B. 46985
Anguh, M.M., Martin, R.R. A truncation method for computing Walsh transforms with applications to image processing 5122
Anguita, D., Parodi, G., Zunino, R. Associative structures for vision 36896
Anguita, J.V. *see* Huertas, P. 15095
Angulo, J.M., Echevarria, M. Electronics Work-Bench: a didactic program for the design and simulation of electronic circuits 33813
Angulo, J.M., Garcia-Vallejo, F., Tajes, E. A PC-based logic analyser 23479
Angulo, J.M. *see* Idiondo, R. 18805
Angulo Usategui, J. Properties of the 80286, 80386 and 80486 microprocessors. 1 1274
Anh, D.M. *see* Rahardja, S. 30442
Anh Ngo Ton *see* Ton Anh Ngo
Anheier, W. *see* Riege, M.W. 10090
Anholt, R., Pence, J. Check accuracy of temperature-dependent equivalent circuits 19029
Anido, G. *see* Butler, M. 37620
Anido, G. *see* Dutkiewicz, E. 37673
Anido, G. *see* Eyers, T. 37576
Anido, G. *see* Kerekes, I. 37591
Anido, G. *see* Lawrence, J. 37097
Anido, G.J. *see* Atkinson, D.J. 37590
Anido, G.J. *see* Banh, B.A. 37162
Anido, G.J. *see* Bradlow, H.S. 30444
Aniel, F., Jin-Delorme, Y., Crozat, P., de Lustrac, A., Adde, R., van Hove, M., dDe Raedt, W., van Rossum, M., Jin, Y., Launois, H. Gate length electric parameter dependences of ultra-submicrometre δ-doped pseudomorphic HEMTs 1499
Anikanov, S.S., Andronov, Yu.I. Modeling basic integral characteristics of power plant with VVER-1000 water-cooled power reactor operating in flexible mode (FOCUS model) 32591
Anikanov, S.S., Dunaev, V.G., Mitin, V.I. Controlling VVER-1000 power distribution during power level changes 47674
Anikeev, B.V. Supermodes of a transient laser 35925
Anikeev, B.V., Pankratov, I.A. Neutralisation of parasitic photorefraction in a laser with electrooptic negative feedback 43806
Anikeev, I.Y. Mode competition in a loop stimulated Brillouin scattering laser 29012
Anikeev, V.V. *see* Sin'ko, D.V. 35749
Anikin, V.I., Ishimov, V.M., Mikhailov, V.N., Staselko, D.I. Pulsed recording of holograms in the green on photothermoplastic and silver-halide media 21123
Anis, H.A. *see* Li, Y.-F. 11641
Anis, W.R., Abdul-Sadek Nour, M. Switching mode photovoltaic pumping system 25276
Anischenko, S.E. *see* Larkin, S.Y. 15185
Anishchenko, V.A. Adaptive method of estimating interrelated variables of power plant state 25082
Anishchenko, V.S., Safonova, M.A., Chua, L.O. Stochastic resonance in the nonautonomous Chua's circuit 1002
Anishchenko, V.S., Safonova, M.A., Chua, L.O. Confirmation of the Afraimovich-Shilnikov torus-breakdown theorem via a torus circuit 26652
Anisimov, V.A., Bobrenko, V.M., Kutsenko, A.N., Sheremetikov, A.S. Calculation relationships of acoustic tensometry for rayleigh surface waves 18353
Anisimov, Ya.F. Probability indices of electromagnetic compatibility of the components of electric power systems 32187
Anitha, V.P., Bhattacharya, A., Patil, N.C., Major, S. Study of sputtered molybdenum nitride as a diffusion barrier 10999
Anjanappa, M.A., Bi, J. Modelling, design and control of embedded Terfenol-D actuator 35248
Ankiewicz, A., Akhmediev, N., Peng, G.D., Chu, P.L. Limitations of the variational approach in soliton propagation in nonlinear couplers 3876
Ankiewicz, A. *see* Akhmediev, N.N. 35999
Anklam, W.J. *see* Root, D.E. 42861
Ankudinov, V.E. Solving the magnetic field integral equation by the cubage method 21169
Anlage, S.M. *see* Pambianchi, M.S. 20181
Ann, H., Potapov, V.I. Potential and technical methods for reducing emissions caused by power plants in the former USSR 39939
Ann, S. *see* Bae, M. 29539
Ann, S.J.M. *see* Inseop Lee 29968
Ann, S.J.M. *see* Lee, I. 36877
Ann Hee Wook *see* Hee Wook Ann
Ann Loo Goh *see* Goh Ann Loo
Ann Sim Thiam *see* Sim Thiam Ann
Annachelvi, P., Selvarajan, A., Anand, G.V. Surface acoustic wave distribution and acousto-optic interaction in proton exchanged $LiNbO_3$ waveguides 28342
Annaert, G., Barel, A. Comparative study of undersea fields produced by various dipoles 4134
Annamalai, N.K., Sawyer, J., Karulkar, P., Maszara, W., Landstrass, M. Radiation response of silicon on diamond (SOD) devices 34984
Anneberg, L. *see* Chakraborty, R.N. 30407
Annen, A. *see* Drusedau, T. 27628
Annenkov, Yu.Z., Ivanov, P.G., Makarov, V.M., Orlov, V.S., Shvarts, A.L. A new generation of acoustoelectronic frequency-selective devices for communications systems 37958
Annenkov, Yu.Z., Yevdokimov, D.P. The development of analog microelectronic devices for satellite communications equipment 34189
Annila, P.A., Yli-Hankala, A.M., Lindgren, L. The effect of atropine on the T-wave amplitude of ECG during isoflurane anaesthesia 47090
Annis, A.D. *see* Shannon, J.M. 28081
Anno, H. *see* Hasegawa, J. 15813
Anno, Y., Maekawa, T., Tamaki, J., Asano, Y., Hayashi, K., Miura, N., Yamazoe, N. Development of semiconductor gas sensor for 2-methylpyrazine from consomme soup 46529
Annunziata, M. *see* Allegra, S. 5141
Anoda, Y., Nakamura, H., Watanabe, T., Hirano, M., Kukita, Y. Experimental and analytical simulations of the Mihama Unit-2 steam generator tube rupture (SGTR) incident 16615
Anorga, J.R. *see* Vinolas, J. 7459
Anoshin, O.A. *see* Maximov, B.K. 25617
Anoykin, E.V., Belov, A.V., Dianov, E.M., Kurkov, A.S., Devyatykh, G.G., Guryanov, A.N., Gusovskiy, D.D., Khopin, V.F. Erbium-doped single-mode fibre based on SiO_2/Ga_2O_3 glass 28474
Anping Jiang *see* Jiang Anping
Anraku, K., Inaba, S., Imori, M. Low power ADC with fast zero suppression for balloon-borne experiment 10217
Ansari, A., Viswanathan, R. Application of expectation-maximization algorithm to the detection of a direct-sequence signal in pulsed noise jamming 4757
Ansari, A.H. Development of the electric power system in Karrachi 16118
Ansari, F. *see* Arshak, K.I. 38464
Ansari, N. *see* Bin-ou Zhu 44926
Ansari, N. *see* Schuster, R. 30021
Ansari, R., Guillemot, C. A hierarchical scheme for coding video at 4-10 Mbps 13777
Ansari, R. *see* Cetin, A.E. 36763
Ansari, R. *see* Guillemot, C. 45214
Ansari, T.H., Singh, R.A. Electrical transport properties of polycrystalline titanium molybdate 10678
Ansell, M.P. *see* Bond, I.P. 8251
Anselmetti, D. *see* Dammer, U. 28348
Ansermet, S. Industrial development of micromechanical devices: from academic prototypes to volume production 31203
Anshi Xu *see* Xu Anshi
Anskinewitsch, W. Thermal removal of insulation remnants from electric motor stators in repair shops 16778
Anslow, P.J. *see* Goodwin, A.R. 20838
Anson, L. Image compression: making multimedia publishing a reality 21962
Anson, L.W., Chivers, R.C. Coupling of ultrasonic transducers to layered structures 7671
Anson, M.J. *see* Hood, K.J. 6052
Ansorge, H., Emde, F. Low-cost high performance radio-link antennas for 23/26/28/38 GHz frequency bands 14437
Ansorge, M., Pellandini, F. Explicit description of lattice state-space wave digital filters 10333
Anspach, G. *see* Wilson, E. 39109
Anspach, J.H. *see* Stevens, R.E. 32317
Anstreicher, K.M. A long-step barrier method for convex quadratic programming 9425
Antao Li The effect of acknowledgment traffic on the performance of ALOHA channels 5188
Antar, Y.M.M. *see* Ittipiboon, A. 12744
Antepyan, R. Analyze third-order IMD in power amplifiers 26733
Antes, K.J., Larsson, A.M., Meitzler, C.R. A volume ion source with pulsed magnetic field 7134
Anthony, C.J., Kelly, M.J. The effect of cross section on the electron states in quantum wire lasers 20880
Anthony, D. *see* Harmon, J.P. 24020
Anthony, D.M. *see* Hutchins, D.A. 9812
Anthony, I. *see* Lohmann, D. 46810
Anthony, J.M. *see* Cho, C.-C. 9609
Anthony, M. *see* Okuda, T. 22329
Anthouard, P. *see* Eyharts, P. 15294
Antic, D., Klaassens, J.B., Deleroi, W. An integrated boost-buck and matrix converter topology for low speed drives 8567
Antich, P.P. *see* Anderson, J.A. 24244
Antich, P.P. *see* Nelson, G.S. 24245
Antich, P.P. *see* Prior, J.O. 24074
Antikain, P.A., Bylkin, B.K., Samarets, G.N. VVER life extension 47641
Antikainen, J. *see* King, W.L. 24888
Antill, M., Benjamin, E. DSP-based FM stereo generator for digital studio-to-transmitter link 22789
Antilogus, P. *see* Abe, K. 7260
Antilogus, P. *see* Abe, K. 15619
Antilogus, P. *see* Abe, K. 46930
Antinori, F. *see* Campbell, M. 46972
Antipenko, B.M., Zabaznov, A.M., Nikitichev, A.A., Pis'mennyi, V.A., Stavrov, A.A., Tipenko, Yu.S., Tsvetkov, V.B., Shcherbakov, I.A. Periodic-pulse operation of holmium lasers using YAG and YSGG crystals 35747
Antipin, B.M., Bogdanovich, V.A. Scale-invariant robust signal detector 29618
Antipov, A.N. *see* Tereshin, O.N. 29392
Antipov, A.V., Britvich, G.I., Vasil'chenko, V.G., Chumakov, A.A., Buchinskaya, I.I., Zhmurova, Z.I., Krivandina, E.A., Sobolev, B.P., Devitsin, E.G., Kozlov, V.A., Krechko, Yu.A., Motin, Yu.D. Investigation of new inorganic materials for homogeneous electromagnetic calorimeters 7196
Antipov, O.L. Mechanism of self-pumped phase conjugation by near-forward stimulated scattering of heterogeneous laser beams in nematic liquid crystal 3879
Antipov, V.G., Kutt, R.N., Nikishin, S.A., Ruvimov, S.S., Sorokin, L.M., Stepanov, M.V. The structure quality of single-domain MBE GaAs layers grown on hydrogen passivated Si(001) substrates 41252
Antkowiak, J. HDTV codec for high rate transmission on fiber optic links 38276
Antognazza, L. *see* Char, K. 2863
Antognetti, P., Danielli, P., De Gloria, A., Faraboschi, P., Olivieri, M. A standard cell set for delay insensitive VLSI design 18653
Antognetti, P., De Gloria, A., Faraboschi, P., Olivieri, M., Taddeo, A. VLSI design of a neural processing element for the Boltzmann machine 18944
Antoine, C. *see* Jimenez, M. 1779
Antoine, C.Z., Bonin, B., Cavedon, J.M., Chianelli, C., Hisleur, J.M., Mahut, B., Poupeau, J.P. Avoiding dust contamination during chemical treatment of RF cavities? 11526
Antoine, J.-P. Wavelet analysis in image processing 13776
Antoine, J.-P., Carrette, P., Murenzi, R. The scale-angle representation in image analysis with 2D wavelet transform 13546
Antoja, F. *see* Masia, F. 31822
Antola, A., Avai, A., Breveglieri, L. Modular design methodologies for image processing architectures 36897
Antola, A., Distante, F. Optimal balancing of acyclic and cyclic data flow graphs in high level architectural synthesis environment 41993
Antola, A., Distante, F., Marchese, A. High level synthesis through folding of data flow graphs: optimal intra-node scheduling 19946
Antolini, R. *see* Cristoforetti, L. 32004
Antolini, R. *see* Speranza, G. 15850
Anton, F., Klein, U., Krischel, D., Anderberg, B. Compact electron storage ring JESCOS with normal conducting or superconducting magnets for X-ray lithography 15327
Anton, F. *see* Einfeld, D. 15326
Anton, F. *see* Lehr, H. 15324
Anton, J.L.de Miguel y *see* de Miguel y Anton, J.L.
Anton Molina, O., Camara Perez, L., de Miguel y Anton, J.L., Gomez Salas, E., Rodriguez, F., Martin, J.L., Hernandez-Gil, F. Packaged array of dual pin photodetectors for coherent detection applications 38493
Antonakopoulos, T., Koutroubinas, S., Koutsonikos, J., Makios, V. A distributed bandwidth allocation algorithm for Gbit/s LANs 5455
Antonelli, A., Baldini, R., Balla, A., Becciani, C., Bertani, M., Biagini, M.E., Bini, C., Bidoli, V., Bressani, T., Calabrese, R., Cardarelli, R., Carlin, R., Casari, C., Chiaratti, R., Cugusi, L., Dalpiaz, P., De Simone, S., De Zorzi, G., Di Virgilio, A., Feliciello, A., Ferrer, M.L., Ferretti Dalpiaz, P., Gauzzi, P., Gianotti, P., Giantin, R., Guiducci, S., Iazzi, F., Luppi, E., Marcello, S., Masoni, A., Messi, R., Minetti, B., Morandin, M., Paoluzi, L., Pasqualucci, E., Pauli, G., Petrucci, F., Pia, A., Pitacco, G., Posocco, M., Preger, M.A., Puddu, G., Santi, L., Santonico, R., Sartori, P., Savrie, M., Serci, S., Spinetti, M., Tecchio, L., Tessaro, S., Voci, C. The FENICE detector at the e^+e^- collider ADONE 24054
Antonelli, A. *see* Bernholc, J. 2088
Antonenkov, V.B. *see* Avanesyan, G.R. 41893
Antonetti, A. *see* White, J.O. 21044
Antoniadis, A.D. *see* Su, L.T. 35005
Antoniadis, D.A. *see* Goodson, K.E. 10761

Antoniadis, D.A. *see* Sherony, M.J. 42939
Antoniadis, H., Hsieh, B.R., Abkowitz, M.A., Jenekhe, S.A., Stolka, M. Photovoltaic and photoconductive properties of aluminium/poly/(*p*-phenylene vinylene) interfaces 42554
Antoniazzi, L. *see* Cataldi, G. 31666
Antonielli, A. *see* Hill, G.R. 6051
Antonik, P. *see* Baldygo, W. 23204
Antonik, P. *see* Wicks, M.C. 44562
Antonio, J.K. Concurrent communication in high-speed wide area networks 45553
Antonio, J.K., Tsai, W.K., Huang, G.M. Time complexity of a path formulated optimal routing algorithm 45377
Antoniou, A. *see* Prasad, K.S. 34163
Antoniou, G.E. 2D discrete time lossless bounded real functions: minimal state space realisation 10293
Antonopoulos, C.S., Kriezis, E.E. Numerical calculation of the electromagnetic field in stratified media of planar or cylindrical geometry 44336
Antonov, A.A., Petrov, V.V. Optomechanical memories based on cylindrical data media 35316
Antonov, A.A. *see* Permyakov, L.N. 47693
Antonov, A.V. *see* Chulkova, A.A. 41528
Antonov, B.M., Sultanov, A.T. MHD-generator electrode current thyristor-capacitor adder 25836
Antonov, V.A. *see* Aleksandrovich, S.V. 3229
Antonov, V.A. *see* Svechnikov, S.V. 42553
Antonov, V.I., Sidiryakov, E.V., Shevtsov, V.M. Choice of the discretization frequency and numerical capacity of an analog-digital converter in digital relay safety systems 39666
Antonova, E.E. *see* Bezdelkin, V.V. 43234
Antonova, I.V. *see* Markov, Yu.N. 3299
Antonovich, A.V. *see* Leyzerovich, A.Sh. 32688
Antonsen, R. *see* Suleiman, O.H. 15941
Antonsen, R.G. *see* Suleiman, O.H. 24179
Antonsen, T., Jr. *see* Levush, B. 27417
Antonsen, T.M., Jr., Bondeson, A., Roulin, M., Tran, M.Q. Studies of self-consistent field structure in a quasioptical gyrotron 1787
Antonsen, T.M., Jr. *see* Fischer, R.P. 42367
Antonsen, T.M., Jr. *see* Saraph, G.P. 10625
Antonsen, T.M., Jr. *see* Ze-Xiang Zhang 35643
Antonsen, T.M., Jr. *see* Zhang, Z.X. 43692
Antonucci, P.L. *see* Alderucci, V. 40461
Antonucci, P.L. *see* Giordano, N. 25667
Antonucci, V. *see* Alderucci, V. 40461
Antonucci, V. *see* Giordano, N. 25667
Antonuk, L.E., Yorkston, J., Huang, W., Siewerdsen, J., Street, R.A. Considerations for high frame rate operation of two-dimensional a-Si:H imaging arrays 31300
Antonuk, L.E., Yorkston, J., Street, R.A. Two-dimensional, TFT+sensor arrays for medical imaging 31909
Antonuk, L.E. *see* Boudry, J.M. 31302
Antonuk, L.E. *see* Morton, E.J. 15731
Antonuk, L.E. *see* Yorkston, J. 31301
Antonuk, L.E. *see* Yorkston, J. 31321
Antos, A.J., Glaesemann, G.S., VanDewoestine, R.V. Recent results on fatigue and dispersion modification in optical fibers 35411
Antov, R.D., Korzhavyy, A.P., Kristya, V.I. Potential distribution in planar diode with secondary-emission cathode 1777
Antrack, T. *see* Bartzke, K. 38468
Antreich, K.J., Graeb, H.E., Wieser, C.U. Circuit analysis and optimization driven by worst-case distances 26622
Antsiferov, V.V. Measurement of high intensity atomic and ionic beams by using method of Doppler laser spectroscopy 46727
Antsiferov, V.V., Baturin, V.A., Dremin, G.I. Photoneutralization of H^- ion beams by polarized laser radiation 46726
Antunes, C.H., Craveirinha, J.F., Climaca, J.N. A multiple criteria model for new telecommunication service planning 13924
Antunez, A.F.A. *see* Aligue, F.J.L. 18541
Antyufeev, V.I., Sultanov, A.S., Ovsyannikov, Yu.V., Voronova, A.S., Kubata, V.G. Synthesis of a multichannel radiometer with a partly given structure. 2. Synthesis of an optimum structure 29739
Antyukhin, V.M., In'kov, Yu.M. Harmonic composition of the current supply and input characteristics of two-bridge rectifiers 40340
Anunciada, A.V. *see* Silva, M.M. 17598
Anuradha, V.K., Visvanathan, V. A CORDIC based programmable DXT processor array 41952
Anvar, S., Mur, M. The NA48 charged trigger: a high rate, high precision, multiprocessor system 38890
Anvari, B.K. An algorithm for combined receiver sample timing and frequency offset estimation 42015
Anvari, H.A. *see* Faucher, J. 17467
Anwar, A.F.M., Liu, K.-W., Carroll, R.D. An envelope function description of the quantum well formed in strained layer SiGe/Si modulation doped field effect transistors 11236
Anwar, A.F.M., Liu, K.-W., Jahan, M.M., Kesan, V.P. DC, small-signal parameters and noise performance for SiGe/Si FETs 19889
Anwar, A.F.M. *see* Jahan, M.M. 19366
Anwar, A.F.M. *see* Kuo-Wei Liu 19905
Anwar, A.F.M. *see* Liu, K.-W. 19888
Anwar, M.A. *see* Andrews, M. 13946
Anzai, H. *see* Naito, Y. 21232
Anzai, H. *see* Yamamoto, K. 38866
Anzhi He *see* Jiajun Zhang 3267
Anzhi He *see* He Anzhi
Anzill, W., Kartner, F.X., Russer, P. Simulation of the phase noise of oscillators in the frequency domain 26743
Anzill, W., Russer, P. A general method based on harmonic balance techniques to simulate noise in free running oscillators 1539
Anzill, W., Russer, P. A general method to simulate noise in oscillators based on frequency domain techniques 42212
Anzill, W. *see* Gungerich, V. 1583
Anzinger, H. *see* Hintermaier, M. 28041
Anzivino, G. *see* O'Shaughnessy, K. 47008
Ao, R., Kummerl, L., Haarer, D. Future trends in frequency-selective optical memories 20259
Ao Chen Pin *see* Pin Ao Chen
Aoike, N. *see* Yoshikawa, K. 17592
Aoki, A. *see* Umemoto, T. 23276
Aoki, H., Moriyama, M. Influence of plating bath treatment on characteristics of nonelectrolytically plated metal film resistors 10518
Aoki, H. *see* Okada, T. 41914
Aoki, H. *see* Ookuma, S. 18732
Aoki, H. *see* Saito, T. 42770
Aoki, H. *see* Sunahara, Y. 21234
Aoki, H. *see* Uchida, T. 27791
Aoki, H. *see* Uchiyama, K. 10192
Aoki, K., Kamakura, T., Kumamoto, Y. Parametric loudspeaker—applied examples 14848
Aoki, K. *see* Izumi, M. 13484
Aoki, K. *see* Numata, K. 10163
Aoki, K. *see* Saitoh, N. 9699
Aoki, M., Hara, A., Ohsawa, A. Intrinsic gettering of iron in Czochralski silicon crystals 2014
Aoki, M., Kikuchi, N., Sekine, K., Sasaki, S., Suzuki, M., Taniwatari, T., Okuno, Y., Kawano, T., Takai, A. Low-drive-voltage and low-chirp integrated electroabsorption modulator/DFB-laser for 2.5 Gbit/s 200-km normal fiber transmission 38120
Aoki, M., Kikuchi, N., Sekine, K., Sasaki, S., Suzuki, M., Taniwatari, T., Okuno, Y., Takai, A., Kawano, T. Low drive voltage and extremely low chirp integrated electroabsorption modulator/DFB laser for 2.5 Gbit/s 200 km normal fibre transmission 14597
Aoki, M., Sato, K., Kobayashi, Y. Long-term reliability testing of electric double-layer capacitors 34292
Aoki, M., Suzuki, M., Sano, H., Kawano, T., Ido, T., Taniwatari, T., Uomi, K., Takai, A. InGaAs/InGaAsP MQW electroabsorption modulator integrated with a DFB laser fabricated by band-gap energy control selective area MOCVD 11885
Aoki, M., Suzuki, M., Taniwatari, T., Sano, H., Kawano, T. New photonic device integration by selective-area MOVPE and its application to optical modulator/laser integration 28495
Aoki, M. *see* Hasegawa, T. 26920
Aoki, M. *see* Hasegawa, T. 26952
Aoki, M. *see* Katoh, M. 33702
Aoki, M. *see* Kawahara, T. 26925
Aoki, M. *see* Kitsukawa, G. 26921
Aoki, M. *see* Kitsukawa, G. 26953
Aoki, M. *see* Kobayashi, Y. 19171
Aoki, M. *see* Kurokawa, N. 34378
Aoki, M. *see* Takayama, R. 6598
Aoki, M. *see* Tanaka, H. 1237
Aoki, M. *see* Uomi, K. 20775
Aoki, N. *see* Kimura, H. 35684
Aoki, N. *see* Kumano, T. 2868
Aoki, O. *see* Higashi, T. 12183
Aoki, O. *see* Ogita, S. 28859
Aoki, R. *see* Murakami, H. 2900
Aoki, R. *see* Sakai, K. 709
Aoki, S. *see* Koga, K. 27895
Aoki, S. *see* Konijn, J. 24087
Aoki, S. *see* Nakajima, K. 23715
Aoki, T. A discussion on the temperature dependence of latch-up trigger current in CMOS/BiCMOS structures 20012
Aoki, T., Maeda, S., Higuchi, T. Design of optical circuits for multiplex computing based on set-valued logic 20452
Aoki, T., Makino, S. Future prospects for telecommunications networks - networks to carry new services 37248
Aoki, T., Nishikawa, Y., Fukasawa, K., Sheng, W.Q., Hirose, M. Electron-flux induced growth of microcrystalline germanium by ECR plasma 41415
Aoki, T. *see* Grajew, G. 37613
Aoki, T. *see* Hyuga, F. 2140
Aoki, T. *see* Maeda, S. 28572
Aoki, T. *see* Nozaki, Y. 8652
Aoki, T. *see* Shirasaki, T. 24810
Aoki, T. *see* Tokunaga, H. 14015
Aoki, Y. Hologram copying and printing 21120
Aoki, Y. *see* Henmi, N. 45919
Aoki, Y. *see* Jun Xu 29791
Aoki, Y. *see* Kawashima, T. 45070
Aoki, Y. *see* Kayukawa, N. 25782
Aoki, Y. *see* Mabuchi, H. 18610
Aoki, Y. *see* Mitsuhashi, R. 46073
Aoki, Y. *see* Morita, S. 22144
Aoki, Y. *see* Nishimura, R. 8781
Aoki, Y. *see* Nishimura, R. 25289
Aoki, Y. *see* Nishimura, R. 25766
Aoki, Y. *see* Oikawa, S. 25783
Aoki, Y. *see* Saito, J. 20418
Aoki, Y. *see* Sakamoto, Y. 14702
Aoki, Y. *see* Xu, J. 7489
Aoki, Y. *see* Zhang, S. 31877
Aomi, H., Derouin, F., Ohmi, T. The adhesion and the protection of metallic impurities at the interface of Si wafer surface with anion species 34748
Aomi, H. *see* Ohmi, T. 6866
Aomine, T. *see* Ichikawa, F. 35276
Aono, H., Sugimoto, E., Mori, Y., Okajima, Y. Electromotive force responses of Cl_2 gas sensor using $BaCl_2$-KCl solid electrolyte 6665
Aono, K. LSIs for video codec 6197
Aono, M. Multicolor fluorescent lamps 40656
Aono, M. *see* Nakayama, T. 33657
Aono, T. *see* Aoyagi, H. 19615
Aoshima, S., Tsujimura, T., Yabuta, T. A miniature mobile robot using piezo vibration for mobility in a thin tube 28321
Aoto, N. *see* Tokashiki, K. 27902
Aoyagi, A. *see* Suzuki, K. 25568
Aoyagi, H., Motohashi, A., Kinoshita, A., Aono, T., Satoh, A. Basic properties of anodized porous silicon formed under uniform current density 19615
Aoyagi, H. *see* Clendenin, J. 38808
Aoyagi, H. *see* Saez, P. 23989
Aoyagi, H. *see* Saka, T. 23991
Aoyagi, H. *see* Schultz, D. 38807
Aoyagi, M., Tomikawa, Y. Ultrasonic rotary motor using longitudinal and bending multimode vibrator with mode coupling caused by external additional asymmetry 25470
Aoyagi, M., Tomikawa, Y. Ultrasonic motor actuator using longitudinal and torsional vibrations—an experimental study of its high torque constructions 32883
Aoyagi, M. *see* Kanbe, N. 2736
Aoyagi, M. *see* Kusakabe, C. 25471
Aoyagi, M. *see* Matsushita, T. 28172
Aoyagi, P.H., Jin-Fa Lee, Mittra, R. A hybrid Yee algorithm/scalar-wave equation approach 18112
Aoyagi, T. *see* Kawano, M. 30825
Aoyagi, Y. *see* Bird, J.P. 42504
Aoyagi, Y. *see* Ishibashi, K. 27534
Aoyagi, Y. *see* Ishii, M. 27718
Aoyagi, Y. *see* Isshiki, H. 720
Aoyagi, Y. *see* Meguro, T. 28766
Aoyagi, Y. *see* Ozasa, K. 9520
Aoyagi, Y. *see* Ozasa, K. 26450
Aoyagi, Y. *see* Suian Zhang 33650
Aoyagi, Y. *see* Fauchet, P.M. *(editor)* 17665
Aoyama, A. *see* Ukachi, T. 2977
Aoyama, H. *see* Sasaki, K. 11949
Aoyama, K. *see* Douseki, T. 1181
Aoyama, K. *see* Sato, Y. 45923
Aoyama, K.-I. *see* Hagimoto, K. 30756
Aoyama, M. *see* Suzuki, I. 726
Aoyama, M. *see* Suzuki, I. 34588
Aoyama, M. *see* Yamada, T. 1849
Aoyama, S., Kusunose, H., Hanazaki, M., Yoshioka, N., Watakabe, Y., Hayashi, A., Isao, A., Tokoro, Y. Advanced process with magnetically enhanced RIE for phase-shifting mask fabrication 2360
Aoyama, S., Ohmi, T. Texture analysis of Si(100) and Si(111) surfaces using autocovariance of AFM images 34713
Aoyama, S., Shibata, N. Low-temperature deposition of SiC films by microwave-plasma chemical vapor deposition 33737
Aoyama, S. *see* Kozono, S. 14507
Aoyama, S. *see* Sanada, T. 6091
Aoyama, S. *see* Tanaka, M. 6239
Aoyama, T., Ikarashi, T., Miyanaga, K., Tatsumi, T. Facet formation mechanism of silicon selective epitaxial layer by Si ultrahigh vacuum chemical vapor deposition 42403
Aoyama, T., Suzuki, K., Tashiro, H., Toda, Y., Yamazaski, T., Arimoto, Y., Ito, T. Boron diffusion through pure silicon oxide and oxynitride used for metal-oxide-semiconductor devices 19829
Aoyama, T. *see* Fukuda, S. 8666
Aoyama, T. *see* Kanemitsuya, K. 25903
Aoyama, T. *see* Youyang Wu 46957
Apana, R. *see* Kamath, R.R. 170
Apanasevich, P.A., Dyakov, Yu.E., Kotaev, G.G., Kruglik, S.G., Nikitin, S.Yu., Orlovich, V.A. Steady-state backward stimulated Raman scattering with nonmonochromatic pump 3882
Apanasevich, S. *see* Grohs, J. 3803
Apanasevich, S.P. *see* Sinitsyn, G.V. 11758
Apanasewicz, S. Some applications of integral equations for 2-D electromagnetic field analysis 44213
Apanasewicz, S., Kazmierski, M., Kersz, I. Contribution to the electromagnetic field analysis in a thin conducting plate 44250
Apanovich, Y., Cottle, R., Freydin, B., Lyumkis, E., Polsky, B., Tchernaiev, A., Blakey, P. The

influence of lattice heating on semiconductor device characteristics 19719
Apanovich, Y., Lyumkis, E., Polsky, B., Blakey, P. Non-isothermal analysis of breakdown in SOI transistors 19863
Apanovich, Y., Lyumkis, E., Polsky, B., Shur, A., Blakey, P. A comparison of energy balance and simplified hydrodynamic models for GaAs device simulation 19715
Aparna, Y., Reddy, P.S., Naidu, B.S., Reddy, P.J. Characterization of n-CdS/p-$CuGa_xIn_{1-x}Se_2$ thin film heterojunctions 17405
Apateanu, L., Hollenkamp, A.F., Koop, M.J. Electrolyte stratification in lead/acid batteries: effect of grid antimony and relationship to capacity loss 17219
Apateanu, L. *see* Hollenkamp, A.F. 40420
Apel, P.Yu., Kravets, L.I. Extraction of radiolysis products in a process of solvent-induced sensitization of heavy-ion tracks in polyethyleneterephthalate 38904
Apeldoorn, G.van *see* van Apeldoorn, G.
Apeldoorn, O., Schulting, L. 10 kVA four level inverter with symmetrical input voltage distribution 8565
Apeldoorn, O. *see* Protiwa, F.-F. 2538
Apelgren, E. *see* Deshpande, V. 19678
Apetz, R. *see* Radermacher, K. 2079
Apfelbaum, J. *see* Rafael, F.S. 15551
Apfelbeck, J., Georgokitsos, K., Turban, K.A. UMTS mobility management 22912
Apletalin, V.N., Dyakonova, O.A., Kazantsev, Yu.N., Simonyan, D.E., Solosin, V.S., Zubov, A.S. Reflectometer for small reflection coefficient measurements in millimeter and centimeter wave bands 31402
Apolinski, M. *see* Kaplan, D.M. 7226
Apollinari, G. Scintillator-strip/WLS-fiber EM shower maximum detectors in the CDF plug upgrade 7246
Apollo, S.J. *see* Manry, M.T. 21900
Apollonov, V.V., Artemov, D.V., Kislov, V.I., Prokhorov, A.M. Synthesis of laser resonator configurations as an inverse problem in optics 35924
Apone, J. *see* Skormin, V.A. 39161
Aponick, N. Linking teachers and students across networks 5528
Apostolakis, G., Okrent, D., Grusky, O., Wu, J.S., Adams, R., Davoudian, K., Xiong, Y. Inclusion of organizational factors into probabilistic safety assessments of nuclear power plants 39772
Apostolakis, G. *see* Chhibber, S. 9346
Apostolakis, G.E. *see* Chhibber, S. 32623
Apostolakis, P.J. *see* Wang, J.S. 3383
Appel, U. *see* Frank, W. 31072
Appelbaum, J. *see* Crutchik, M. 32008
Appelmann, W., von Marx, H., Roske, R. Flexibility in broadband networks 5309
Appelquist, G. *see* Dell'Acqua, A. 7283
Appelquist, G. *see* Dell'Acqua, A. 46998
Appignani, P.L. Daily power fluctuations as a measure of maintenance effectiveness in power plant safety 39747
Appleby, A.J. Fuel cells and hydrogen fuel 25668
Appleby, A.J., Kainthla, R.C. Rechargeable nontoxic manganese-zinc batteries 17192
Appleby, M.H. *see* Rao, N.S. 32025
Appledorn, C.R. *see* Soares, E.J. 15759
Appleton, C.J., O'Reilly, J.J. Simulation of WDM optical communication networks 5954
Appleton, C.J., Zhang, S.L., O'Reilly, J.J. Modelling WDM video distributive networks 14814
Appleton, L. *see* Oleynik, G. 46322
Appleton, S. A uniform drive and process control system for the pulp and paper industry 9049
Apra, M. *see* Mezzanatto, G. 39235
Aprile, E., Bolotnikov, A., Chen, D., Mukherjee, R., Xu, F., Anderson, D.F., Peskov, V. Performance of CsI photocathodes in liquid Xe, Kr, and Ar 31717
Aprile, E., Bolotnikov, A., Chen, D., Mukherjee, R., Xu, F., Anderson, D.F., Peskov, V. Electron extraction from a CsI photocathode into condensed Xe, Kr, and Ar 46900
Apruzese, J.P. *see* Qi, N. 3417
Apte, P.P., Saraswat, K.C. SiO_2 degradation with charge injection polarity 19460
Apte, P.R. *see* Sarkar, B.K. 27186
Aquino, M. *see* Freni, S. 40458
Ara, K., Katagiri, M., Wakayama, N., Kobayashi, K., Termaat, K.P., Johnsen, T. Development of water level gauge with binary coding thermocouples and its application to measurement of in-vessel reactor water level 38745
Ara, K. *see* Kishimoto, M. 21160
Ara, T., Asano, H., Oda, S., Matsuse, K. An identification of equivalent circuit constants of synchronous machine using Fourier transformation with DC decaying current 16800
Arab, A.B. An accurate solution for the dark diffusion current of preferentially doped polysilicon solar cells 48143
Arabani, M.P., Shirani, A.R. An economical model for HV & UHV transmission lines right of way 16288
Arabi, T.R., Lape, K.M., Pomerleau, R., Noval, J., Jyh-Ming Jong, Tripathi, V.K. Time domain characterization of the complex frequency dependent dielectric permittivity of PCB materials 23852
Arad, M.A. *see* Fatemi, M. 16054
Arafa, S. *see* El-Bakry, M. 40562
Arafa, S. *see* Shehata, S.A. 33901
Araff, M.A.B. Static VAr compensators in the Malaysian grid 16159
Aragaki, S., Hanyu, T., Higuchi, T. A high-density multiple-valued content-addressable memory based on one transistor cell 18736
Araguas, J.P.Lopez *see* Lopez Araguas, J.P.
Arahira, S., Matsui, Y., Kunii, T., Oshiba, S., Ogawa, Y. Transform-limited optical short-pulse generation at high repetition rate over 40 GHz from a monolithic passive mode-locked DBR laser diode 43915
Arahira, S., Oshiba, S., Matsui, Y., Kunii, T., Ogawa, Y. 500 GHz optical short pulse generation from a monolithic passively mode-locked distributed Bragg reflector laser diode 43900
Arai, A., Aihara, M., Ando, K., Ito, K., Kuwaki, A., Kono, J. Development of prefabricated joint for 275 kV XLPE cable 25003
Arai, F. *see* Fukuda, T. 4881
Arai, F. *see* Fukuda, T. 20072
Arai, F. *see* Ueyama, T. 5819
Arai, H. Radiation pattern of 280 MHz flat antenna mounted on truck 12752
Arai, H. *see* Aizawa, M. 17378
Arai, H. *see* Eguchi, K. 17360
Arai, H. *see* Kuga, N. 36442
Arai, H. *see* Kuriki, M. 45477
Arai, H. *see* Nakajima, K. 14772
Arai, H. *see* Toki, M. 1418
Arai, H. *see* Yamaguchi, R. 17380
Arai, I., Motomura, I., Suzuki, T. A microwave Doppler radar system for noncontact measurement of head and finger movements in clinical use 24201
Arai, I., Suzuki, T. Experimental results on subsurface radar with improved resolution 6129
Arai, I. *see* Wu, X. 23147
Arai, J., Noro, Y. An induction machine model for an analog power system simulator 32290
Arai, K. A demonstration of transmitting digital compressed video via fiber optics between Tokyo and Las Vegas 46024
Arai, K. Highly reliable power-module packaging technology 47974
Arai, K., Tateishi, H., Umeda, M., Agatsuma, K. New type of Nb_3Sn fiber-reinforced-superconductors for high-field pulsed magnet and effect of thermal stress 2882
Arai, K. *see* Enoki, T. 19041
Arai, K. *see* Kamitani, Y. 33869
Arai, K. *see* Kanemitsu, T. 32267
Arai, K. *see* Kukuchi, S. 43258
Arai, K. *see* Ohsawa, Y. 16722
Arai, K. *see* Okamoto, H. 25288
Arai, K. *see* Takahashi, M. 8275
Arai, K. *see* Tokumaru, H. 20430
Arai, K. *see* Toyoshima, Y. 41398
Arai, K.I. *see* Hayashi, Y. 43331
Arai, K.I. *see* Yamaguchi, M. 35245
Arai, M., Wang, J., Okuda, K., Miyamichi, J. Thousands of hand-written Kanji recognition by 'HoneycombNET' 36525
Arai, M. *see* Hotta, K. 20612
Arai, R., Mizukami, M., Tanabe, T., Katoh, K., Yoshizawa, T., Yamazaki, H., Murata, S., Tanaka, Y., Sato, I. Feasibility study on high data transfer rate of 300 Mbit/s with 8-beam laser diode array 20278
Arai, S. Developers cultivate TFT LCDs specifically for notebook computers 46558
Arai, S., Kudo, K., Hirayama, H., Miyake, Y., Miyamoto, Y., Tamura, S., Suematsu, Y. Fabrication technology for long-wavelength GaInAs(P)/InP quantum-wire lasers by wet-chemical etching and OMVPE regrowth 28834
Arai, S., Ueda, Y., Maruyama, Y., Tonegawa, S., Aizawa, Y., Makino, T. 2.45 GHz, 100 kW high efficiency klystron 19308
Arai, S. *see* Dong, J. 3674
Arai, S. *see* Fukaumi, T. 42260
Arai, S. *see* Ikeda, T. 20786
Arai, S. *see* Kudo, K. 12278
Arai, S. *see* Kudo, K. 20780
Arai, S. *see* Miyake, Y. 12206
Arai, S. *see* Shimomura, K. 22739
Arai, S. *see* Tokuda, N. 15301
Arai, S. *see* Yasuda, H. 27871
Arai, S. *see* Yidong Huang 43850
Arai, T., Koyama, M., Tanimoto, H., Yoshida, Y. A 2.5 V active lowpass filter using all-npn gain cells with a 1 V_{pp} linear input range 27055
Arai, T. *see* Koyama, M. 42042
Arai, T. *see* Okamoto, H. 6250
Arai, T. *see* Watanabe, T. 31965
Arai, T. *see* Yamamura, T. 25356
Arai, T. *see* Yoshikawa, K. 25353
Arai, Y. *see* Ono, N. 27660
Arai, Y. *see* Osawa, M. 34236
Arai, Y. *see* Yugami, H. 25357
Arakaki, O. *see* Ito, T. 19569
Arakaki, Y. *see* Ikegami, T. 5789
Arakaki, Y. *see* Ikegami, T. 37932
Arakaki, Y. *see* Tanabe, T. 7062
Arakaki, Y. *see* Tomizawa, M. 15571
Arakawa, F. The power system planning in Japan: an international perspective on the future of power systems 24843
Arakawa, F. *see* Takahashi, K. 24857
Arakawa, F. *see* Uchiyama, K. 10192
Arakawa, H. *see* Shirai, Y. 7524
Arakawa, K., Arakawa, Y. Proposal of median-type fuzzy filter and its optimum design 42069
Arakawa, K. *see* Yamamoto, Y. 25966
Arakawa, K. *see* Yamamoto, Y. 25977
Arakawa, M., Yamakawa, H. A study on multicriteria structural optimum design using qualitative and fuzzy reasoning 12728
Arakawa, T., Fukada, H. Effect of NH_3 nitridation on time-dependent dielectric breakdown characteristics of heavily oxynitrided tunnel oxide films 35117
Arakawa, T., Okuyama, H., Yamashita, Y., Ohta, T., Kumar, R., Noda, S., Hoga, H. Improvement in radiation stability of SiN X-ray mask membranes 27860
Arakawa, T., Tsukamoto, S., Nagamune, Y., Nishioka, H., Lee, J.-H., Arakawa, Y. Fabrication of InGaAs strained quantum wire structures using selective-area metal-organic chemical vapor deposition growth 9750
Arakawa, T., Yamashita, Y., Hoga, H., Noda, S., Fukuda, H. Effect of synchrotron radiation on electrical characteristics of SiO_xN_y films formed by rapid thermal processing in a N_2O ambient 19441
Arakawa, Y. Fabrication of quantum wires and dots by MOCVD selective growth 41340
Arakawa, Y. *see* Arakawa, K. 42069
Arakawa, Y. *see* Arakawa, T. 9750
Arakawa, Y. *see* Kono, T. 42414
Arakawa, Y. *see* Yamauchi, T. 12205
Arakawa, Y. *see* Zhang, Z.L. 35923
Arakelian, S.M. *see* Alaverdian, R.B. 20962
Arakelian, S.M. *see* Drnoian, V.E. 3795
Arakelyan, S.M. Noise transformation and induction of spatial structures and instabilities by laser beams in nonlinear systems with distributed feedback 28938
Arakelyan, S.M. *see* Alodzhants, A.P. 12300
Arakelyan, V.G. Gas-chromatographic determination of furfural in transformer oil for diagnostic purposes 25487
Arakelyan, V.G. Preventing condensation in SF_6 electrical equipment 40080
Araki, A. *see* Katsura, T. 6937
Araki, A. *see* Kobayashi, Y. 15291
Araki, H., Kanie, H., Sano, M. Growth of ZnS_xSe_{1-x} crystals from ZnSe-Sb_2S_3-Sb_2Se_3 solutions 26396
Araki, H. *see* Suzuki, H. 805
Araki, H. *see* Takedomi, S. 25467
Araki, H. *see* Tanahashi, T. 40575
Araki, H. *see* Yoshida, M. 40577
Araki, K., Hashimoto, T. The comparison between the linear optimal restoration filter and MEM restoration filter 4953
Araki, K. *see* Ariji, Y. 15784
Araki, K. *see* Hagiwara, H. 31948
Araki, K. *see* Inagaki, K. 6043
Araki, K. *see* Kadowaki, N. 30684
Araki, K. *see* Koga, K. 27895
Araki, K. *see* Matsui, T. 34227
Araki, K. *see* Mizuno, T. 12533
Araki, K. *see* Shikatani, M. 6037
Araki, M. *see* Tsuji, H. 28422
Araki, N. Corporate communications networks take big strides toward 21st century 37593
Araki, N., Kimura, N., Mogi, Y., Takahashi, S., Senfuku, A., Tanabe, T., Mori, A., Kido, S., Ishigaki, T., Suzuki, M., Sasano, Y. Satellite-borne ozone layer sensor 7618
Araki, N., Morita, N. FD-TD analysis of power loss distribution in a human body model heated by a waveguide applicator 7494
Araki, N., Shinonaga, H., Ito, Y. Study on networking issues of medium earth orbit satellite communications systems 37947
Araki, N. *see* Yagi, S. 30624
Araki, S., Kawai, S., Kurita, H., Numai, T., Kasahara, K., Kubota, K. Non-blocking optical interconnection networks using electro-optical matrix switches based on VSTEPs 20495
Araki, S. *see* Oohashi, K. 11591
Araki, T. *see* Abe, M. 33804
Araki, T. *see* Chuen-Huei Yang 28698
Araki, T. *see* Shirai, Y. 10595
Araki, T. *see* Yokoyama, S. 35679
Araki, Y. *see* Akasaka, T. 26480
Araki, Y. *see* Ishihara, S. 9695
Araki, Y. *see* Ishihara, S.-I. 26484
Aramaki, S., Assanto, G., Stegeman, G.I., Marciniak, M. Realization of integrated Bragg reflectors in DANS-polymer waveguides 11657
Aramaki, Y. *see* Nakajima, J. 6165
Arambepola, S.L. *see* Strange, A. 37964
Aramendi, E. *see* Ruiz, J. 106
Aranda, A. *see* Grossi, R.O. 18089
Aranda, J., de la Cruz, J.M., Dormido, S., Ruiperez, P., Hernandez, R. Reduced-order Kalman filter for alignment 36704
Aranda, J.M.Perez *see* Perez Aranda, J.M.
Arango, M., Kramer, M., Rohall, S.L., Ruston, L., Weinrib, A. Enhancing the Touring Machine

API to support integrated digital transport 13971
Aranguren, G. *see* Martin, J.L. 30139
Arani, F., Honary, B. Trellis coded modulation over rings 4417
Arapostathis, A. *see* Farach, J.E. 25061
Arapov, L.N., Avrakhov, P.V., Balakin, V.E., Chashurin, V.I., Kazakov, S.Yu., Khavin, N.G., Kluev, V.F., Krynov, G.S., Kuznetsov, G.I., Larionov, A.V., Lukin, A.N., Pirogov, O.V., Samoylov, S.A., Shirokov, V.V., Solyak, N.A., Teryaev, V.E., Valyaev, Yu.D., Yasnov, G.I. 14 GHz VLEPP klystron 15283
Aras, C.M., Kurose, J.F., Reeves, D.S., Schulzrinne, H. Real-time communication in packet-switched networks 37076
Arason, J.H. Fiber optics: the logical option [cable TV networks] 38324
Arata, J. *see* Tsuchiya, T. 14512
Aratani, K. *see* Yasuda, K. 20250
Aratani, S., Zhang, C., Pakbaz, K., Hoger, S., Wudl, F., Heeger, A.J. Improved efficiency in polymer light-emitting diodes using air-stable electrodes 3359
Aratskii, D.B., Morozov, O.A., Soldatov, E.A., Fidel'man, V.R. Precision method of determining the time delay in multichannel signal propagation 21862
Araujo, A.de A. *see* de A. Araujo, A.
Araujo, A.E.A., Dommel, H.W., Marti, J.R. Simultaneous solution of power and control systems equations 32291
Araujo, C.A.Paz de *see* Paz de Araujo, C.A.
Araujo, C.B.de *see* de Araujo, C.B.
Araujo, C.P.De *see* De Araujo, C.P.
Araujo, D. *see* Rudra, A. 41330
Araujo, H.de *see* de Araujo, H.
Araujo, L.E.E.de *see* de Araujo, L.E.E.
Araujo, R.E.De *see* De Araujo, R.E.
Araya, A. *see* Mio, N. 11934
Araya, K. *see* Ohtake, K. 25714
Arayani, S. *see* Tabler, J. 16232
Arbab, A., Spetz, A., Lundstrom, I. Gas sensors for high temperature operation based on metal oxide silicon carbide (MOSiC) devices 6655
Arbel, A. A multiobjective interior primal-dual linear programming algorithm 33491
Arbell, H. *see* Balberg, I. 41613
Arbes, M. *see* Palm, H. 10752
Arbesser-Rastburg, B. *see* Witternigg, N. 4097
Arbet-Engels, V. *see* Lie, D.Y.C. 2080
Arbolino, M.V., Gasparini, O. Calculation of turbulence effects on acoustic remote-sensing systems 39373
Arbour, C. *see* Pankow, J.W. 19271
Arbuzov, Yu.D., Evdokimov, V.M. Spectral and capacitance characteristics of nonstationary photoconversion 33038
Arbuzov, Yu.D., Evdokimov, V.M., Lisovskiy, Yu.L., Lunichev, V.N. Distribution of radiation defects and recombination and damage coefficients under the effect of protons 40487
Arcangeli, R., Ycart, B. Almost sure convergence of smoothing D^m-splines for noisy data 26340
Arcelli, C., Kwok, P.C.K., Sanniti di Baja, G. Medial lines by parallelwise erosion of successive contour pairs 29903
Arcelli, C., Ramella, G. Finding contour-based abstractions of planar patterns 4826
Arcelli, C., Sanniti Di Baja, G., Kwok, P.C.K. Parallel pattern compression by octagonal propagation 45197
Archambault, J.-L., Russell, P.St.J., Barcelos, S., Hua, P., Reekie, L. Grating-frustrated coupler: a novel channel-dropping filter in single-mode optical fiber 28470
Archambault, J.-L. *see* Dong, L. 2949
Archambault, J.-L. *see* Kringlebotn, J.T. 28791
Archambault, J.-L. *see* Kringlebotn, J.T. 28800
Archambault, J.-L. *see* Russell, P.St.J. 3887
Archambault, J.L. *see* Abdulhalim, I. 43434
Archambeault, B., Lemaire, L. Optimization of FDTD for EMI modeling applications 44461
Archambeault, B., Mellitz, R. EMI prediction using wire mesh boxes in NEC 44459
Archambeault, B. *see* Chamberlin, K. 41223
Archana Rao, M. *see* Jhunjhunwala, A. 22634
Archer, J.W. *see* Batechlor, R.A. 5733
Archer, N.P., Wang, S. Learning bias in neural networks and an approach to controlling its effect in monotonic classification 4589
Archer, P. *see* Davey, E.C. 39763
Archer, T. *see* Yang, F. 11147
Archer, V.D. *see* Liu, T.M. 20025
Archer-Hall, J. *see* Hudson, C. 7356
Arches, J.-P. *see* Foch, H. 32908
Archibong, G.I., Ilyas, M. An efficient technique for integrating voice and data in wireless communications with a cellular structured environment 5804
Archie, C. Performance of the IBM synchrotron X-ray source for lithography 6947
Archie, C.N. *see* Silverman, J.P. 27989
Archontoulakis, G. *see* Hatziathanassiou, V. 25442
Archuletta, S.F. *see* Sturrock, J.C. 15671
Arcioni, J.C., Petroni, O.D. Selection of insulators under conditions of ambient contamination 16402
Arcioni, P., Bressan, M., Perregrini, L. A new algorithm for the modal analysis of 3-D arbitrarily shaped resonant cavities 27148
Arcioni, P., Ko, K., Pendleton, R.P. Numerical evaluation of beam coupling impedances in heavily damped accelerating cavities 15435
Arcos, J.M.Los *see* Los Arcos, J.M.
Arcuri, G. Fiber-based internetworking—FDDI bridges 45522
Ardalan, S.H. *see* Adali, T. 22809
Ardalan, S.H. *see* Ybarra, G.A. 6102
Ardalan, S.S., Martin, H.L., Wang, T.K., Stuart, C. ASIC implementation of a 16-kbps waveform coder using adaptive vector quantization 22707
Ardanuy, A. *see* Masgrau, E. 13107
Arden, D.A.G. *see* McMillan, J.C. 46141
Ardevol, H. *see* Monte, E. 13130
Ardizzone, E., Chella, A., Pirrone, R., Sorbello, F. Recovering 3-D form features by a connectionist architecture 22258
Ardo, A., Koch, T. Lund University electronic library. 2. Gopher, WWW. Planned projects 30513
Ardouin, J.-P. Point source detection based on point spread function symmetry 13534
Arduini, F., Fioravanti, S., Giusto, D.D. On computing multifractality for texture discrimination 22003
Arduini, F. *see* Regazzoni, C.S. 22065
Ardzhanov, A.S., Bogatov, N.M., Slutskiy, A.A. Analysis of the temperature effect on the volt-ampere characteristic of gallium arsenide power diodes at a high current density 28076
Arecchi, F.T., Boccaletti, S., Ciofini, M., Meucci, R. Pattern competition in a high-power CO_2 laser due to optogalvanic modulation of the pump profile 43723
Arecchi, F.T. *see* Pampaloni, E. 35508
Aref, M. *see* Al-Shehri, A. 32353
Areitio Bertolin, C. *see* Areitio Bertolin, J. 5577
Areitio Bertolin, G. *see* Areitio Bertolin, J. 5577
Areitio Bertolin, J., Areitio Bertolin, C., Areitio Bertolin, G. Detection and correction of faults in computer networks.1 5577
Areitio Bertolin, J., Areitio Bertolin, M.T. New solutions in the field of data transmission 22585
Areitio Bertolin, M.T. *see* Areitio Bertolin, J. 22585
Arel, N. *see* Audet, D. 41992
Arel, N. *see* Audet, D. 43115
Areli, T., Hongsmatip, T. A unique MMIC broadband power amplifier approach 10500
Arena, C., Tarricone, L., Genova, F., Rigo, C. Absorption coefficient and exciton oscillator strengths in InGaAs/InP multi-quantum wells 9638
Arena, S.N. *see* Villanueva, H.E. 39697
Arencibia, P.D. *see* Martin Alfonso, J.A. 43856
Arend, M., Block, E., Hartmann, S.R. Random access processing of optical memory by use of photon-echo interference effects 11577
Arend, P.van der *see* van der Arend, P.
Arends, H.-J. *see* Lohmann, D. 46810
Arends, J. 88110: memory system and bus interface 41973
Arendsen, R. *see* Brombacher, A. 447
Arendt, R., Kaiser, M., Bontschew, B., Frenck, H.-J. New flexible reactor design for R&D PECVD deposition systems 26409
Arenson, R.L. *see* Huang, H.K. 37495
Arenson, R.L. *see* Zhu, Q. 24254
Arent, D.J. *see* Kurtz, S.R. 9739
Ares, F., Elliott, R.S., Moreno, E. Design of planar arrays for obtaining efficient footprint patterns with an arbitrary boundary 29363
Ares, F., Elliott, R.S., Moreno, E. Synthesis of shaped line-source antenna beams using pure real distributions 36427
Ares, F. *see* Estevez, H. 39115
Ares, F. *see* Moreno, E. 940
Ares, L. *see* Gutierrez, F.J. 6636
Ares, L. *see* Gutierrez, F.J. 6661
Ares, R. *see* Watkins, S.P. 33645
Aresu, A., Martellucci, A., Paraboni, A. Experimental assessment of rain anisotropy and canting angle in a horizontal path at 30 GHz 29179
Areti, H. *see* Bowden, M. 38924
Areti, H. *see* Hojvat, C. 31779
Aretz, K., Stemmer, T. Jitter measurements in optical transmission systems 14583
Arevalo, S. *see* Guerra, F. 22345
Arevalo, S. *see* Guerra, F. 30469
Argade, S.D. Cathodes for molten salt batteries 17254
Argast, J., Rampton, M., Xin Qiu, Moon, T. Image compression with the wavelet transform 36816
Argatin, S.G. *see* Andreyev, G.A. 30603
Argaut, P., Auclair, H., Favrie, E. Development of 500 kV low density polyethylene insulated cable 16353
Argazzi, R. *see* Bignozzi, C.A. 43640
Argazzi, R. *see* Smestad, G. 48138
Argiri, M. *see* Williams, A. 25231
Argiriou, A. *see* Santamouris, M. 25942
Argiriou, A. *see* Santamouris, M. 48478
Argo, P.E. *see* Wright, J.W. 47263
Arguelles, J., Lopez, M.J., Martinez, M., Bracho, S. Sensor actuator to control the temperature effects into a system based on a quartz crystal 35183
Arguelles, J., Martinez, M., Bracho, S. Dynamic I_{dd} test circuit for mixed signal ICs 42088
Arguelles, J. *see* Bracho, S. 18893
Argyle, B.E. *see* Herman, D.A., Jr. 11507
Argyle, B.E. *see* Trouilloud, P.L. 2833
Argyrakis, I. *see* Adamides, E.D. 13894
Arhaes, M.A. *see* Skachkov, V.V. 4770
Arhart, R.J. The chemistry of ethylene propylene insulation. I 11376
Arhart, R.J. The chemistry of ethylene propylene insulation. II 28313
Ari, N. *see* Knapp, P. 44378
Arianer, J., Brissaud, I., Essabaa, S., Humblot, H., Zerhouni, W. The Orsay polarized electron source from a flowing helium afterglow 23993
Arias, A.Gonzalez *see* Gonzalez Arias, A.
Arias, E. *see* Torres, L. 5035
Arias, J.L., Drake, E.D., Boughn, D.W. Development update on the ARA Sealed Bipolar Lead-Acid battery 40625
Arias, J.M., Pasko, J.G., Zandian, M., Shin, S.H., Williams, G.M., Bubulac, L.O., de Wames, R.E., Tennant, W.E. MBE HgCdTe heterostructure p-on-n planar infrared photodiodes 11838
Arias, J.M. *see* Shin, S.H. 10790
Arias, J.O. MOSFET power transistors. 2 28124
Arias, J.Otero *see* Otero Arias, J.
Arias, L. *see* Nowicki, R.S. 1943
Arias de Velasco, A.A., Moseley, P.T., Peat, R., Pelaez, J.G. Atmosphere-dependent potentials at oxide interfaces 6659
Arichandran, K. *see* Chan Gaik Tatt 9336
Arico, A.S. *see* Giordano, N. 25667
Arie, A., Bortz, M.L., Fejer, M.M., Byer, R.L. Iodine spectroscopy and absolute frequency stabilization with the second harmonic of the 1319-nm Nd:YAG laser 3811
Arieatas, R. *see* Mallalieu, K. 38373
Arienzo, M., Comfort, J.H., Crabbe, E.F., Harame, D.L., Iyer, S.S., Kesan, V.P., Meyerson, B.S., Patton, G.L., Stork, J.M.C., Sun, Y.C. SiGe heterojunctions transistors and optoelectronic devices 11161
Arienzo, M. *see* Pong-Fei Lu 18713
Arii, K. *see* Kitani, I. 11377
Arii, K. *see* Uto, S. 15156
Ariji, E. *see* Ariji, Y. 15784
Ariji, Y., Ariji, E., Araki, K., Kanda, S. CT values of dental materials and preparation of phantoms with CT values equivalent to those of some human soft tissues 15784
Arijs, E. *see* Calcutt, S.B. 24493
Arikan, M.C., Straw, A., Balkan, N. Warm electron energy loss in GaInAs/AlInAs high electron mobility transistor structures 19897
Arikara, M. *see* Swan, D.H. 40621
Arikata, I. *see* Kubota, T. 33163
Ariki, Y. Mixture density HMMs with two-level transition 4521
Arima, H. *see* Maehata, K. 31624
Arima, H. *see* Miyamoto, H. 34037
Arima, H. *see* Morioka, Y. 16444
Arimitsu, M. *see* Uemura, S. 16837
Arimitsu, M. *see* Uemura, S. 16846
Arimitu, M. *see* Chikaraishi, H. 24785
Arimoto, K., Asakura, M., Tsukude, M., Hidaka, H., Fujishima, K. A smart design methodology for advanced memories 18715
Arimoto, K. *see* Ooishi, T. 18729
Arimoto, K. *see* Tsukude, M. 1229
Arimoto, K. *see* Tsukude, M. 18728
Arimoto, N. CRT displays must meet tough demands for quality, performance 23799
Arimoto, S., Watanabe, H., Yasuda, M., Kadoiwa, K., Omura, E., Aiga, M., Ikeda, K. Realization of high-power operation in AlGaInP lasers by employing multiquantum barrier and strained active layer 20844
Arimoto, S., Yasuda, M., Shima, A., Kadoiwa, K., Kamizato, T., Watanabe, H., Omura, E., Aiga, M., Ikeda, M., Mitsui, S. 150 mW fundamental-transverse-mode operation of 670 nm window laser diode 12177
Arimoto, S. *see* Ishihara, T. 33063
Arimoto, S. *see* Koga, H. 21595
Arimoto, S. *see* Suzuki, H. 18024
Arimoto, S. *see* Yuasa, T. 4456
Arimoto, Y., Inagaki, K., Fujise, M., Furuhama, Y., Inoue, M., Kashiwase, T. Simplified gimbal design for LEO satellites tracking to a GEO satellite 14571
Arimoto, Y., Ohkubo, K., Fumoto, T., Yamasaki, H. Effects of annealing on the magnetic properties of high B_s CoHfTa materials 20130
Arimoto, Y. *see* Aoyama, T. 19829
Arimoto, Y. *see* Inagaki, K. 6043
Arimoto, Y. *see* Ohkubo, K. 43277
Arimoto, Y. *see* Sato, A. 18721
Arimoto, Y. *see* Suzuki, K. 28127
Arimoto, Y. *see* Suzuki, K. 34960
Arink, R. *see* Kaan, A.P. 6928
Arinushkin, V.N., Geifman, E.M., Remenyuk, A.D., Tolstobrov, M.G., Chibirkin, V.V. Radiation-defect formation and annealing in the electron bombardment of semiconductor power equipment 34910
Arioka, R. *see* Nagashima, Y. 23149

Ariola, V. *see* Cavagnetto, F. 7503
Arisaka, S. *see* Kinoshita, K. 2897
Arismunandar, A., Dupuis, P. Energy in ASEAN: an outlook into the 21st Century 32531
Aristarkhova, A.A., Volkov, S.S., Kitayeva, T.I., Klimkovich, B.V., Krasnitskiy, V.Ya., Mal'chenkov, A.P., Torgashin, Yu.I., Tolstoguzov, A.B., Chumakov, E.N. Testing of integrated circuits by the secondary-ion emission method 9212
Aristone, F., Palmier, J.F., Sibille, A., Maude, D.K., Portal, J.C., Mollot, F. Non-linear transport properties of miniband conduction in the presence of crossed electric and magnetic fields: a semi-classical approach 42511
Aristone, F. *see* Dutisseuil, E. 34594
Aristov, V.V. *see* Kudryashov, V.A. 28044
Arita, H. *see* Sato, T. 40375
Arita, H. *see* Ueda, T. 32487
Arita, K. *see* Yoshiike, N. 6511
Arita, Y. *see* Awaya, N. 794
Aritome, S., Hatakeyama, I., Endoh, T., Yamaguchi, T., Shuto, S., Iizuka, H., Maruyama, T., Watanabe, H., Hemink, G., Sakui, K., Tanaka, T., Momodomi, M., Shirota, R. An advanced NAND-structure cell technology for reliable 3.3 V 64 Mb electrically erasable and programmable read only memories (EEPROMs) 41883
Ariyavisitakul, S. Performance of dynamic feedback power control in a TDMA radio system 45844
Ariyavisitakul, S., Li Fung Chang Signal and interference statistics of a CDMA system with feedback power control 22854
Ariyoshi, H. *see* Higashiyama, Y. 37179
Ariyoshi, H. *see* Ichiyanagi, T. 31068
Ariyoshi, K., Yamazaki, T., Matsushima, R. Facsimile software for notebook computers 5427
Ariyoshi, M. *see* Kitamura, Y. 48323
Arizio, R., Bomitali, E., Demarie, M.L., Limongiello, A., Mussa, P.L. Managing interdatabase dependencies with 'rules+quasi-transactions' 5389
Arizmendi, L. *see* Alvarez-Bravo, J.V. 3903
Arizmendi, L. *see* Muller, R. 28585
Arizti, F. *see* Amuchastegui, C. 1677
Arjona, M. *see* Pujol, J. 12271
Arkadan, A.A., VanderHeiden, R.H. Transformer modeling including nonlinearities and loading effects 40279
Arkadan, A.A., VanderHeiden, R.H. Computation of electric machines parameters in the abc frame of reference using finite element analysis 47856
Arkadan, A.A. *see* Mohammed, O.A. 40831
Arkhipov, N., Zolotarjova, E. New materials for commutation elements [optical fibres] 2927
Arkhipov, V.I., Khramchenkov, D.V., Rudenko, A.I., Sessler, G.M. Space-charge dispersive transport in corona-charged dielectrics 28298
Arkhipova, T.A., Debur, V.G., Kuptsova, G.Z., Mechetin, A.M., Pakhomov, M.T., Smirnova, M.I. A position-sensitive detector and microchannel-plate-inverter image intensifier operating in a photon-counting mode 6559
Arkles, B. *see* Faltermeier, J. 831
Arko, A.J. *see* Meissner, P.L. 1939
Arkusha, Yu.V., Polyanskiy, N.Ye., Prokhorov, E.D. On the possibility of GaAs short Gunn diodes operating at active region temperatures above 500 K 19027
Arkwright, J., Chu, P.L., Tjugiarto, T. Variable demultiplexing using a twin-core fiber Mach-Zehnder interferometer 37654
Arkwright, J., Wu, B., Skinner, I., Chu, P. Resonantly enhanced nonlinearity using stimulated down-pumping in neodymium doped twin-core fibre 35965
Arkwright, J., Wu, B., Skinner, I., Chu, P.L. Enhanced switching speeds in rare earth doped fibres 35400
Arlantsev, S.V., Grigoryants, E.A., Vadkovskii, A.D., Zvorykin, V.D., Metreveli, G.E. Pumping of the GARPUN wide-aperture excimer laser by counterpropagating electron beams 43738
Arlauskas, K. *see* Juska, G. 42440
Arleo, P. *see* Reinhardt, K. 34743
Arlinger, S. *see* Lunner, T. 24357
Arlinghaus, H.F., Spaar, M.T., Tanigaki, T., McMahon, A.W., Holloway, P.H. Sputter-initiated resonance ionization spectroscopy: an analytical technique for quantitative and sensitive measurements of impurities and ultra-shallow doping profiles in semiconductors 42386
Arlowe, H.D. Thermal detection contrast of human targets 6836
Arlt, B. *see* Temple, V. 28117
Arlt, G., Robels, U. Aging and fatigue in bulk ferroelectric perovskite ceramics 35146
Arlt, H. Experience of damage in gas-insulated switchgear. I 48012
Armada, M. *see* Ceres, R. 7656
Arman, M.J., Sullivan, D.J. High power transit-time RF amplifier for super accelerators 41679
Armand, N.A. The works of B.A. Vvedenskiy on the propagation of ultrashort waves along the Earth's surface 21236
Armand, N.A., Vard'ya, V.P., Korshunov, I.P., Matveyev, R.F. Optical phasing of a three-element centimeter-band radio interferometer 12790
Armani, J.M. *see* Degueurce, L. 7102
Armas, B. *see* Chehouani, H. 9733
Armas, B. *see* Henry, F. 9760
Armas, V. *see* Montiel, J.A. 41557
Armbruster, H. The flexibility of ATM: support of future network services, multimedia communication and mobile communication. 2 30285
Armbruster, P. *see* Fioni, G. 7286
Armbruster, W. Wideband acoustic echo canceller with two filter structure 22674
Armel, M.S. *see* Dukes, E.C. 31693
Armendariz, M.G. *see* Carson, R.F. 3387
Armengaud, L., Gerbe, V., Lalande, M., Lajzerowicz, J., Cuzin, M., Jecko, B. Electromagnetic study of an electronic sampler for picosecond pulse measurements 31790
Armenise, M.N., Castagnolo, B., Passaro, V., Rizzi, M. A new all-photonic error control system 11763
Armenise, M.N., Passaro, V.M.N., Conese, T., Matteo, A.M. New guided-wave optical beamformer for phased array antennas 3247
Armenise, M.N. *see* Barbarossa, G. 28488
Armenise, M.N. *see* Castagnolo, B. 14562
Armenta, J.A. *see* Befus, C.J. 7883
Armenta-Deu, C. Capacity effects on the determination of the state-of-charge in lead-acid cells 40402
Armiento, C.A. *see* Rothman, M.A. 12126
Armigliato, A. *see* Brizard, C. 19536
Armington, A.F. *see* Bliss, D.F. 41234
Armistead, C.J. *see* Ring, W.S. 35864
Armitage, A.D. *see* Payne, P.A. 47299
Armitage, D.N. *see* Foster, D.F. 33607
Armitage, G.J., Adams, K.M. Packet reassembly during cell loss 5144
Armitage, G.J., Adams, K.M. The impact of header compression and rate control on typical TCP/IP traffic over ATM connections 37069
Armitage, G.J., Adams, K.M. Creating a multimedia terminal, with ATM over the desktop LAN 37441
Armon, D., Ben-Haim, Y., Braun, S. Crack detection in beams by rank-ordering of eigenfrequency shifts 41533
Armour, E.A. *see* Yu-Chue Fong 41279
Armstrong, A.J. *see* Behrens, R.T. 28373
Armstrong, A.R. *see* Schinzel, P. 23763
Armstrong, B. *see* Bernacki, S. 35199
Armstrong, B.C. A comparison of conventional, adaptive and hybrid Doppler processing techniques 14698
Armstrong, B.C., Griffiths, H.D. Performance of adaptive optimal Doppler processors in heterogeneous clutter 23130
Armstrong, B.M. *see* Panwar, O.S. 26516
Armstrong, B.M. *see* Ye, L. 9565
Armstrong, C.M. *see* Uhm, H.S. 19302
Armstrong, D.S. EMC aspects of electrified railways at high frequencies 40610
Armstrong, G.A. *see* Murray, E. 2504
Armstrong, J.J., Kessler, T.J. Large-aperture high-efficiency holographic gratings for high-power laser systems 36038
Armstrong, J.J. *see* Kessler, T.J. 35949
Armstrong, J.J. *see* Lin, Y. 35944
Armstrong, J.R. *see* Gadagkar, A.S. 26588
Armstrong, J.V., Farrell, T., Turner, G. Characterisation of wet chemical etching of AlGaAs layers using dynamic optical reflectivity 42739
Armstrong, J.V. *see* Sun, D. 708
Armstrong, M.L., Tipton, D.F. Machine for continuous hologram production 29048
Armstrong, N.J. *see* Clays, K. 20357
Armstrong, N.J. *see* Penner, T.L. 21010
Armstrong, N.R. *see* Pankow, J.W. 19271
Armstrong, R.C., Allen, J. FICOM: a framework for incremental consistency maintenance in multi-representation, structural VLSI databases 26605
Armstrong, S.R. *see* Pemble, M.E. 26436
Armstrong, T. *see* Abbott, B. 7245
Armstrong, T. *see* Abbott, B. 31776
Armstrong, T.R., Chick, L.A., Bates, J.L. Chemical interactions between interconnect and electrode materials during sintering in solid oxide fuel cells 17373
Armstrong, T.R. *see* Chick, L.A. 17347
Armstrong, T.R. *see* Minh, N.Q. 17285
Armstrong, W.W. *see* Popovic, D.B. 24323
Armstrong-Helouvry, B., Dixon, P. Elucidating negative feedback during the introduction to operational amplifiers 41684
Arnaldi, B. *see* Villard, D. 33544
Arnarson, H., Pau, L.F. PDL-HM: morphological and syntactic shape classification algorithm. Real-time application to fish species classification 45038
Arnaud, B.St. *see* St. Arnaud, B.
Arnaud, C., Benvenuti, C., Bernard, Ph., Bloess, D., Cavallari, G., Chiaveri, E., Hilleret, N., Tuckmantel, J., Weingarten, W. CERN'S technology for superconducting cavities in European industry 15506
Arnaud, J. Linewidth of gain-coupled distributed feedback lasers 35808
Arnaud, R. *see* Buisson, X. 41241
Arnaudon, H., Benetti, P., Boskma, L., Burger, P., Confin, A., DeSalvo, R., Paolucci, S., Rossella, M., Schomaker, R. Proximity focussed hybrid photo diode characteristics evaluations 46878
Arnaudon, L., Myers, S., Olsen, R., Peschardt, E. Transverse feedback and LEP performance 15357
Arnaut, L.R., Davis, L.E. Chiral properties of lossy n-turn helices in the quasi-stationary approximation using a transmission-line model 29126
Arnaut, L.R., Davis, L.E. Absorption in a semi-infinite lossy medium over a range of widely varying parameters 29205
Arnbak, J.C. The European (r)evolution of wireless digital networks 5784
Arnbak, J.C. *see* Vvedenskaya, N.D. 45850
Arndt, F. Advances in the mode-matching simulation and CAD of waveguide components 27189
Arndt, F. *see* Braknovic, V.J. 4203
Arndt, F. *see* Hauth, W. 27155
Arndt, F. *see* Ihmels, R. 1436
Arndt, F. *see* Ihmels, R. 1452
Arndt, F. *see* Krupezevic, D.V. 44540
Arndt, F. *see* Sieverding, T. 1435
Arndt, F. *see* Sieverding, T. 19021
Arndt, G.D. *see* Hwu, S.U. 44580
Arndt, S.A. *see* Raglin, K.A. 16586
Arne Osborg, P. *see* Sutija, D.P. 17366
Arnell, S.E. *see* Moszynski, M. 15632
Arneodo, M. *see* O'Shaughnessy, K. 47008
Arnett, L. *see* Gibson, A.J. 21459
Arney, S.C. *see* Yao, J.J. 28169
Arnol, J. *see* Lippens, J.M. 32149
Arnold, B. *see* Spencer, T. 41917
Arnold, C. *see* Wiechmann, K. 47664
Arnold, C.P. *see* Arrillaga, J. 7737
Arnold, D., Ulm, G. Determination of photon emission probabilities of radionuclides using a Si(Li) detector calibrated by the primary standard source, BESSY 38856
Arnold, H. *see* Hackman, R.H. 23219
Arnold, H.B. *see* Abatzoglou, T.J. 29645
Arnold, J., O'Brien, E., Brandis, R. A simple interworking scheme for interlaced video services 38261
Arnold, J. *see* Pang, K. 5622
Arnold, J. *see* Pang, K. 36914
Arnold, J. *see* Pickering, M. 36910
Arnold, J.C., Gray, D.C., Sawin, H.H. Influence of reactant transport on fluorine reactive ion etching of deep trenches in silicon 27735
Arnold, J.F. Development and coding of high definition television 6233
Arnold, J.F. *see* Biggar, M.J. 30543
Arnold, J.F. *see* Frater, M.R. 37582
Arnold, J.F. *see* Zhang, X. 5589
Arnold, J.M. Nonlinear guided waves 3884
Arnold, J.M. Nonlinear guided waves 3886
Arnold, J.M. Spectral synthesis with general elements: Gaussian beams in diffraction theory 21204
Arnold, J.M. Soliton pulse-position modulation 23000
Arnold, J.M. Modulation and noise in soliton pulse trains 44104
Arnold, J.M. *see* Ironside, C.N. 35466
Arnold, J.S. ATM private networks 13976
Arnold, R., Chowanetz, M., Wolz, W., Muller-Glaser, K.D. Test/agent: CAD-integrated automatic generation of test programs 14880
Arnold, R. *see* French, M. 46990
Arnold, R. *see* Guyonnet, J.L. 46904
Arnold, R.C. *see* Muller, R.W. 15333
Arnold, R.C. *see* Muller, R.W. 15338
Arnold, R.G., Marsh, S.P. A microwave active bandstop filter with tunable centre frequency 1647
Arnold, R.G., Pedder, D.J. Substrate effects on MCM-D spiral inductor performance 1759
Arnold, W. *see* Hochhauser, E. 38883
Arnold, W.E. *see* Yarden, A.L. 32576
Arnold, W.H., Barouch, E., Hollerbach, U., Orszag, S.A. A focus vernier for optical lithography 11041
Arnone, C., Giaconia, C., Pace, C., Greco, M. Flexible laser tracing systems for defining thin film hybrid geometries 34458
Arnot, H.E.G., Zappe, H.P., Epler, J.E., Graf, B., Widmer, R., Lehmann, H.W. Magnetron dry etching for photonic device fabrication 27684
Arnott, J.L. *see* Hine, N.A. 37570
Arnott, J.L. *see* Hine, N.A. 39110
Arnouat, C., du Chaffaut, G., Lecerf, C. Distribution network management. A trial 14012
Arnoud, Y. *see* Adam, W. 46929
Arnould, J., Lafore, D. Low switching loss four electrode GTO thyristor 2495
Arnould, J. *see* Lafore, D. 1062
Arnould, J. *see* Li, J.M. 2537
Arnould, P. *see* von der Hardt, H.-J. 46617
Arnstein, D. *see* Smith, D.R. 37168
Arnum, E. How fax and the Internet made VANs irrelevant? 37394
Aroca, C. *see* Moron, C. 43266
Aroca, R. *see* Souto, J. 6627

Arodzero, A., Brau, J., Frey, R., Furuno, K., Hwang, H., Mason, D., Strom, D., Yang, X., Bashindzhagyan, G., Todd, R.A. A prototype silicon preradiator for the SSC 7256
Arof, A.K., Radhakrishna, S. Electrical properties of silver vanadate electrochemical cells 17151
Arokiaraj, J. *see* Santhanaraghavan, P. 33587
Arola, O. *see* Partanen, J. 24792
Aromataris, L. *see* Reineri, C. 16387
Aromatoris, L., Moitre, D., Reineri, C. Modelling of the shunt (capacitive) admittance of a three-phase line with guard wires. Numerical calculation 39595
Aromin, J., Ghantous, N. New approach in integrating a cogeneration plant to a complex distribution system 32316
Aronhime, P., Cecil, G. A new method of capacitance measurement 15165
Aronhime, P., Desai, M. Offset independent active *RC* filters 18855
Aronov, D.A., Kabulov, R.R., Mamatkulov, R., Usmanov, Sh., Yuabov, Yu.M. Postdegradation characteristics of *p-i-n* photoelectric cells made of hydrogenated amorphous silicon (*a*-Si:H) 3328
Aronov, I.Z. *see* Svichar, A.E. 16669
Aronowitz, S. *see* Demirlioglu, E. 10869
Aronsbeim-Grotsch, J. *see* Magedanz, T. 37286
Aronson, L.B., Rankin, G., Trutna, W.R., Jr., Dolfi, D.W. Reduced sidelobe integrated acousto-optic filter with birefringence apodization 3241
Arora, A., Attie, P., Evangelist, M., Gouda, M. Convergence of iteration systems 9444
Arora, B.M., Srivastava, A.K., Banerjee, S., Shah, A. Growth of InGaAs/InP for long-wavelength photodetectors by low-pressure metallorganic vapour phase epitaxy 23644
Arora, B.M. *see* Srivastava, A.K. 23643
Arora, B.M. *see* Srivastava, A.K. 41300
Arora, B.M. *see* Subramanian, S. 19407
Arora, C.M. *see* Chouhan, S. 39587
Arora, N. *see* Naraghi-Pour, M. 44705
Arora, N.D. *see* Cheng-Liang Huang 19843
Arora, N.D. *see* Cheng-Linag Huang 34961
Arora, N.D. *see* Sharma, M.S. 2673
Arora, R., Srinivas, D., Foster, R.F., Hillman, J.T., Studiner, D.W. Cluster tool for CVD metallization 799
Arora, R. *see* Srinivas, D. 41486
Arora, R. *see* Studiner, D.W. 826
Arora, R.K. *see* Mongia, R.K. 18984
Arora, S.R. *see* Thirwani, D. 41113
Aroua, A., Boschung, M., Cartier, F., Grecescu, M., Pretre, S., Valley, J.-F., Wernli, C. Characterisation of the mixed neutron-gamma fields inside the Swiss nuclear power plants by different active systems 32001
Arov, D.Z., Gavrilyuk, I.P. A method for solving initial value problems for linear differential equations in Hilbert space based on the Cayley transform 18083
Arowojolu, A.A. *see* Nche, C. 30661
Arozullah, M. *see* Ko, H. 13239
Arpagaus, M. *see* Eichenberger, S. 38928
Arpin, L.J., Brunson, G.R., Stickler, A.C., Briggs, G.W. The systems that answer business phones 5409
Arpino, F. *see* Di Barba, P. 47919
Arques, D., Jacques, I. Classification of genus-1 pointed maps and associated functional relation 512
Arreghini, F., Ianoz, M., Zweiacker, P., Giri, D.V., Tehori, A. SEMIRAMIS: an asymmetrical bounded wave EMP simulator with a good confinement inside the transmission line 44435
Arri, E., Locci, N. Uncertainty analysis in a novel method for transformer power losses measurement 46595
Arridge, S.R., Schweiger, M. Inverse methods for optical tomography 37037
Arridge, S.R. *see* Schweiger, M. 47053
Arrillaga, J., Camacho, J.R., MacDonald, S.J., Arnold, C.P. Operating characteristics of unit and group connected generator-HVDC converter schemes 7737
Arrillaga, J., Macdonald, S.J., Watson, N.R., Watson, S. Direct connection of series self-excited generators and HVDC converters 32907
Arrillaga, J. *see* Adam, P. 47427
Arrillaga, J. *see* Campos Barros, J.G. 25523
Arrillaga, J. *see* Dewe, M.B. 25060
Arrillaga, J. *see* Medina, A. 32838
Arrillaga, J. *see* Medina, A. 32841
Arrillaga, J. *see* Zavahir, J.M. 24898
Arrillaga, J. *see* Zavahir, J.M. 47479
Arrington, P. *see* Studdard, B. 8172
Arroyo, C. *see* Auchincloss, P.S. 46953
Arroyo, C. *see* Kinnel, T.S. 38880
Arroz, G. *see* Laursen, K. 6738
Arrue, B.C., Inigo, R.M. High order curve recognition with the Hough transform using a connectionist approach 29926
Arsayev, I.Ye., Yurchuk, E.F., Lobanova, M.V. On the field variations in a horn and lens collimator 44574
Arsenault, D.R. *see* Lyons, W.G. 1402
Arsenault, H.-H. *see* Asselin, D. 22270
Arsenault, H.H., Asselin, D., Prevost, D., Leclerc, L., Sheng, Y. New ways of using optics for faster pattern recognition 13511
Arsenault, H.H. *see* Bergeron, A. 12429
Arsenault, H.H. *see* Bergeron, A. 43572
Arsenault, H.H. *see* Gualdron, O. 21963
Arsenault, H.H. *see* Paquet, E. 22093
Arseneau, R. The performance of demand meters under varying load conditions 32501
Arsenis, S., Simoni, N., Znaty, S. An information model for the QoS monitoring of an ATM switch: from analysis to implementation 13865
Arshad, A.S. *see* Avenell, C.S. 25207
Arshak, A. *see* Mathur, B.P. 11090
Arshak, K.I., Ansari, F., Collins, D. Analysis of thick film strain resistors on stainless steel and ceramic substrates 38464
Arshak, K.I., McDonagh, D., Mathur, B.P. Simulation of resist exposure and development on topographic substrates 34862
Arshak, K.I. *see* Mathur, B.P. 11090
Arshak, K.I. *see* Mathur, B.P. 28011
Arsic, M., Denic, D. High-reliability incremental-type position transducer with autocalibration capability 14999
Arsic', M. *see* Denic', D. 4440
Arslan, O., Constable, P.D.L., Kent, J.T. Domains of convergence for the EM algorithm: a cautionary tale in a location estimation problem 467
Arslan, T.S., Bottaci, L., Taylor, G.E. A fault dictionary based expert system for failure diagnosis in a multiple-PCB environment 10559
Art, M., Bredberg, B. Taymer SI360 full surface inspection system for wire and cable 27333
Artaki, I., Ray, U., Jackson, A.M., Gordon, H.M., Vianco, P.T. Solderability preservative coatings: electroless tin vs organic azoles 34379
Artaki, I., Ray, U., Jackson, A.M., Gordon, H.M., Vianco, P.T. Solderability preservative coatings: electroless tin vs organic azoles 42297
Artal, E. *see* Herrera, A. 19145
Artal, E. *see* Pradell, L. 30649
Artalejo, J.R. *see* Falin, G.I. 9390
Artamonov, A., Epstein, V., Gorbunov, P., Jemanov, V., Kruchinin, S., Maslennikov, A., Khovansky, V., Zuckerman, I., Ereditato, A., Riccardi, F., Zacek, V. Experimental results from a prototype liquid scintillator calorimeter 31697
Artamonov, G.T., Perzhu, V.L., Rotari, S.L. An optical-electronic computer system for invariant pattern recognition 11745
Artamonov, V.Yu., Marinin, Yu.S., Moshchinskii, Yu.A., Bessmertnykh, N.A. Development of low-vibration asynchronous terminal motors with a short-circuited rotor 40187
Artashevich, N.M. *see* Sinchuk, O.N. 40688
Artaud, M. *see* Tuveny, O. 21853
Artazcoz, J. *see* Garcia-Alonso, A. 797
Artelius, B. Interference on telecommunication installations shown at high speed EMU class X2 of Swedish State Railways 48350
Artemenko, S.N., Kaminskii, V.L., Yushkov, Yu.G. Extraction of the energy in large axisymmetric resonators through an oversized coaxial line 40307
Artem'ev, M.Yu., Dement'ev, V.G., Nesterov, V.M. Electric-discharge XeCl laser generating 500-nsec pulses 35685
Artem'ev, M.Yu., Dement'ev, V.G., Nesterov, V.M. Active-medium inhomogeneity and beam divergence of the electric discharge XeCl laser 35686
Artemiev, V.M., Kostyukovskii, A.G. Structure of ground transport robot for cleaning the polyheliostatic system of the Crimean SES-5 32797
Artemov, D.V. *see* Apollonov, V.V. 35924
Artemyan, G.L. Influence of operational factors on the vibroactivity of low-power motors 25418
Artemyan, G.L. Vibrodiagnostics of low-power asynchronous motors 40165
Artes, A. *see* Pedraja, F.G. 14429
Arthi, N., Kalvalya, C., Ramgopal Rao, V. Computers in medicine 24268
Arthur, C. *see* Vogel, D. 30487
Arthur, G., Martin, B. Modelling the printability of sub-micron 5X reticle defects at I-line exposure wavelength 28017
Arthur, J.R. Molecular beam epitaxy of compound semiconductors 26459
Arthur, S.D., Temple, V.A.K. Special 1400 volt N-MCT designed for surge applications 2493
Artina, E. *see* Frontera, F. 15669
Artiomov, A.S. New method of H^- beam diagnostics 46723
Artiomov, A.S. Correlation method of measurements—the negative (H^-,D^-) ion beam parameters 46724
Artiomov, A.S., Vaganov, N.G., Gevorkov, A.K., Limar, V.V., Sidorov, V.P. Method and apparatus for multifunctional nonperturbative diagnostics of H^- beams 46725
Artman, D.J., Chari, S., Gooch, R.P. Joint equalization and timing recovery in a fractionally-spaced equalizer 21888
Artola, J., Dell, J. Broyden quasi-Newton method applied to electrical impedance tomography 29785
Artuso, M., Mukhin, Y. A fast ring imaging detector for the CLEO upgrade 46938
Artuso, M. *see* Alexander, J.P. 24110
Artuso, M. *see* Alexander, J.P. 46860
Artuzi, W.A., Jr, Yoneyama, T. Characterization and measurements of laterally shielded coplanar waveguide at millimeter wavelengths 34212
Artyukh, A.G. *see* Ananiev, S.M. 15680
Artyukh, Yu.N. Architecture of a computerized timing system for laser-ranging signal processing 15945
Artyushenko, V.G., Zakharov, N.D., Lerman, A.A., Nabatov, A.O., Urusovskaya, A.A., Shtein-Margolina, V.A. Electron-microscope investigation of fibrous waveguides made of silver halides 20317
Artyushenko, V.M. *see* Shelukhin, O.I. 13230
Artyushin, V.V., Andreyev, A.V., Kozhakov, A.V. The noise immunity of complex radio signal search devices based on combined surface-acoustic wave/charge coupled device structures 14402
Artzner, G. On the absolute calibration of Shack-Hartmann sensors and UV laboratory wavefront measurements 46368
Aruga, S., Okino, K., Satoh, K., Sakurai, T. Mini-Laser Welder M801B 44176
Aruga, T. *see* Shikatani, M. 6037
Arugu, D.O., Green, K., Nunan, P., Terbeek, M., Crank, S.E., Lam Ta, Capsuto, E., Sethi, S. 0.35-micron excimer DUV photolithography process 2330
Arulmozhi, G., Nadarajan, R. Markovian parallel system with the repairman's vacation 41048
Arumov, G.P., Bukharov, A.Yu., Nekhaenko, V.A., Pershin, S.M. Single-longitudinal-mode passively *Q*-switched YAG:Nd laser with the optical degenerative feedback 20708
Arumugam, A., Radhakrishnan, T., Suen, C.Y., Wang, P.S.P. A thinning algorithm based on the force between charged particles 45193
Arumugam, P., Subramanian, B. Flux density measurements in Indian MHD pilot plant 25811
Arunachalam, S.A., Malghan, V.R., Thiagarajan, K. Indian MHD programme—status review 25298
Arunachalam, S.A., Somasundaram, S.K., Thirumalai, K., Ramakrishna Rao, B., Bhaskar, K.S. Indian MHD retrofit 25301
Arunachalam, S.A., Thirumalai, K., Rao, G.V.S., Venkataraman, K., Selvakumar, M., Ramesh, V., Madhappan, M. Coal combustion tests with Indian coals in slagging mode [MHD power plants] 25323
Arunasalam, A.N. *see* Gooi, H.B. 7799
Arungsrisanachai, I. *see* Seko, T. 1140
Arutyunyan, G.V., Dzhotyan, G.P., Sarkisyan, G.R. Interaction of two modes in a laser-active quasiwaveguide layer 12338
Arutyunyan, G.V., Dzhotyan, G.P., Sarkisyan, G.R. Theory of a quasiwaveguide amplifier-oscillator with interference effects 12669
Arutyunyan, S.M., Kostanyan, R.B., Sanamyan, T.V. Spectral lasing and luminescence properties of $YAlO_3$:Er^{3+} crystals 28750
Arutyunyan, V.M., Vardanyan, S.H., Margaryan, A.L., Meliksetyan, V.A. Effect of surface potential on the physical processes in photoelectrochemical converters of solar energy 40393
Arvas, E. *see* Sadigh, A. 36159
Arvidsson, G. *see* Helmfrid, S. 21008
Arvieux, J., De Sanctis, E. *(editors)* Conference Proceedings. Vol.44. The ELFE Project an Electron Laboratory for Europe. Physics with a 15-30 GeV High Intensity Continuous Beam Electron Accelerator 33188
Arvind, A.S. *see* Sadiku, M.N.O. 45598
Arweiler, H.W. Fast line measurement for ISDN suitability 37559
Arweiler, H.W., Heymann, R. Rapid test method for determining line parameters for ISDN 30539
Arwin, H. *see* Jansson, R. 20291
Arx, J.Von *see* Von Arx, J.
Arya, L.D. *see* Verma, H.K. 7806
Arya, S., Mount, D.M. Algorithms for fast vector quantization 4399
Arzbaecher, R. *see* Bloem, D. 24284
Arzt, E. *see* Bader, S. 34824
Arzt, E. *see* Kraft, O. 34806
Arzt, E. *see* Mocki, U.E. 34829
Arzt, E. *see* Sanchez, J.E., Jr. 2208
Arzumanov, A., Borisenko, A., Lysukhin, S. Energy calibration and energy spread measurements of the 1 MV tandem accelerator at Alma-Ata 15390
As, D.J. *see* Ehrhardt, A. 38131
As, D.J. *see* Feiste, U. 35894
As, D.J. *see* Sartorius, B. 35821
Asada, E., Hioka, T., Sagara, T., Tatsumi, K., Gomi, K. MELSEP 2000: CRT operation equipment for power generation plants 39976
Asada, H., Hayama, H., Saito, T., Sera, K., Okumura, F. A poly-Si defect-tolerant scanner for large area AMLCDs 31367
Asada, H., Matsuyama, K., Gamachi, M., Miyoshi, H., Taniguchi, K. Chip organization of Bloch line memory with thermomagnetically written domain patterns 43335
Asada, H. *see* Matsuyama, K. 43294

Asada, K., Fujishima, M., Ikeda, M., zhang, H. Optimization methods of delay and chip area in designing high speed VLSI modules 18669
Asada, K. *see* Cho, K.-R. 18769
Asada, K. *see* Fujishima, M. 11205
Asada, K. *see* Ikeda, M. 18612
Asada, K. *see* Lee, M. 11306
Asada, K. *see* Lee, M. 19993
Asada, K. *see* Lee, M. 20013
Asada, K. *see* Lee, M.O. 18594
Asada, M. *see* Chen, H.-J. 22165
Asada, M. *see* Gu, H. 13588
Asada, M. *see* Himeno, T. 16301
Asada, M. *see* Hirayama, H. 28826
Asada, M. *see* Hirayama, H. 43910
Asada, M. *see* Miyake, Y. 12206
Asada, M. *see* Nakamura, T. 13593
Asada, M. *see* Suemasu, T. 28086
Asada, T., Morimoto, M., Hara, A. Hydrodynamic bearings and precision processing 31041
Asahara, H. *see* Kawahara, K. 24886
Asahara, T., Kojima, T., Miyake, M., Fujino, T. A DS/SS RAKE receiver using weighted averaging technique with a forgetting factor 14401
Asahara, Y. Waveguide laser and amplifier 28762
Asahi, H., Ijuin, H., Kohara, T., Asami, K., Watanabe, H., Gonda, S. Optical properties of atomically controlled InGaAs/InP quantum well structures 33599
Asahi, H. *see* Kim, S.G. 42524
Asahi, H. *see* Seta, M. 9622
Asahi, H. *see* Tewordt, M. 42525
Asahi, R., Sakata, J., Tabata, O., Mochizuki, M., Sugiyama, S., Taga, Y. Integrated pyroelectric infrared sensor using PVDF thin film deposited by electro-spray method 31233
Asai, A., Ohachi, T., Taniguchi, I. Admittance characteristics of Au/p-Si Schottky diode with damage induced by reactive ion etching 19757
Asai, H. *see* Bandi, V.G. 21292
Asai, H. *see* Hayashi, K. 10041
Asai, H. *see* Kawamura, Y. 35771
Asai, H. *see* Kinoshita, H. 26663
Asai, H. *see* Nishigaki, M. 18404
Asai, H. *see* Shimizu, N. 35179
Asai, K., Miyashita, T., Ishigure, K., Fukatsu, S. An application of electrolytic deposition for the electronic passivation of GaAs surfaces through the formation of thin organic films 42728
Asai, K. *see* Hattori, S. 6215
Asai, K. *see* Hyuga, F. 2140
Asai, K. *see* Yasaki, T. 25641
Asai, M. *see* Iwata, Y. 7312
Asai, M. *see* Kimoto, T. 29910
Asai, M. *see* Okada, T. 41914
Asai, M. *see* Ozaki, A. 21360
Asai, O. *see* Kodaira, M. 7123
Asai, S. The materials issues for future ULSIs 19968
Asai, S., Funaki, M., Sawa, H., Kato, K. Fabrication of an insulated metal substrate (IMS), having an insulating layer with a high dielectric constant 19231
Asai, S., Hanyu, I., Takikawa, M. Resolution limit for optical lithography using polarized light illumination 27846
Asaii, B., Gosden, D.F., Gogani, E.S. Induction motor parameter identification by solving complex equivalent circuit equations 40218
Asaina, T. *see* Tanimoto, M. 34088
Asaka, H. *see* Kobayashi, J. 40293
Asaka, M. *see* Kuriyama, Y. 45914
Asaka, M. *see* Sugiyama, T. 42195
Asaka, S. *see* Miyawaki, T. 6238
Asakavicius, J. *see* Gaigalis, V. 23562
Asakawa, K., Yoshizawa, H. Neural network hardware development by using digital systems 42112
Asakawa, K. *see* Kohmoto, S. 19587
Asakawa, K. *see* Numai, T. 3665
Asakawa, K. *see* Yoshikawa, T. 3608
Asakawa, M., Sakamoto, N., Inoue, N., Esaki, S., Yamamoto, T., Chen, J., Fujita, M., Imasaki, K., Ohigashi, N., Tsunawaki, Y., Nakai, S., Yamanaka, C. FEL oscillation by coherent radiation emitted from an electron bunch 3695
Asakawa, M., Sakamoto, N., Inoue, N., Yamamoto, T., Mima, K., Nakai, S., Chen, J., Fujita, M., Imasaki, K., Yamanaka, C., Agari, T., Asakuma, T., Ohigashi, N., Tsunawaki, Y. A millimeter-range FEL experiment using coherent synchrotron radiation emitted from electron bunches 43691
Asakawa, M., Sakamoto, N., Inoue, N., Yamamoto, T., Mima, K., Nakai, S., Jizhong Chen, Fujita, M., Imasaki, K., Yamanaka, C., Agari, T., Asakuma, T., Ohigashi, N., Tsunawaki, Y. Experimental study of a waveguide free-electron laser using the coherent synchrotron radiation emitted from electron bunches 43965
Asakawa, M. *see* Chen, J. 47026
Asakawa, S. *see* Kokubun, Y. 43480
Asaki, M.T., Chung-Po Huang, Garvey, D., Jianping Zhou, Murnane, M.M., Kapteyn, H.C. Frequency doubling of sub-20 femtosecond pulses in Ti:sapphire 20699
Asaki, M.T. *see* Backus, S. 44099
Asako, Y., Faghri, M. Parametric study of turbulent three-dimensional heat transfer of arrays of heated blocks encountered in electronic equipment 26200
Asakuma, T. *see* Asakawa, M. 43691
Asakuma, T. *see* Asakawa, M. 43965
Asakuma, T. *see* Chen, J. 47026
Asakura, H., Iida, M. Optical devices for densely spaced wavelength division multiplexing transmission systems 6092
Asakura, K. *see* Mahmoud, I.I. 943
Asakura, M. *see* Arimoto, K. 18715
Asakura, M. *see* Tsukude, M. 18728
Asakura, S. *see* Ishihara, A. 14993
Asakura, T. *see* Peiponen, K.-E. 6800
Asakura, T. *see* Rasanen, J. 23894
Asakura, T. *see* Widjaja, J. 4950
Asakura, T. *see* Yoshida, A. 14581
Asal, R. *see* Dammer, U. 42432
Asami, A. *see* Enomoto, A. 15297
Asami, A. *see* Hanaki, H. 15436
Asami, K. *see* Asahi, H. 33599
Asami, K. *see* Kim, S.G. 42524
Asami, K. *see* Seta, M. 9622
Asamizu, H. *see* Murata, K. 37595
Asano, A., Takahashi, T., Maeda, K., Niwa, T. Water tree retardant XLPE cable using VLDPE 47530
Asano, A. *see* Brandt, M.S. 27457
Asano, F. *see* Joson, H.A.L. 24348
Asano, H. High-temperature superconducting thin films preparation and properties of high-temperature superconducting films with a controlled epitaxial orientation 43341
Asano, H., Kuwahata, A. Game theoretic analysis of a buy-back system and a cogenerator-customer wheeling system 24729
Asano, H. *see* Ara, T. 16800
Asano, H. *see* Sasaki, T. 3402
Asano, J. *see* Minemura, T. 3364
Asano, K., Higashiyama, Y., Yatsuzuka, K., Urayama, K. Ion-flow anemometer using a high-voltage pulse 46670
Asano, K. *see* Hattori, S. 6215
Asano, K. *see* Honma, H. 25849
Asano, K. *see* Mitsunobu, S. 6996
Asano, K. *see* Takahashi, S. 38344
Asano, M. *see* Yoshida, M. 7267
Asano, S. Operation of the Internet backbone 30403
Asano, S. *see* Maruta, T. 30300
Asano, S. *see* Nishimura, Y. 14343
Asano, T., Makihira, K., Tsutae, H. Characteristics of thin-film transistors fabricated on nucleation-controlled poly-Si films by surface steps 42949
Asano, T. *see* Fujita, S. 41336
Asano, T. *see* Kanki, T. 28370
Asano, T. *see* Nishimura, K. 16491
Asano, T. *see* Ohsawa, H. 23317
Asano, T. *see* Ohsawa, M. 38256
Asano, Y. *see* Anno, Y. 46529
Asano, Y. *see* Fijita, I. 11592
Asano, Y. *see* Ikeda, H. 24089
Asano, Y. *see* Komiya, T. 5877
Asano, Y. *see* Mizuno, S. 5880
Asanuma, N., Nagabuchi, H. A new reference signal for evaluating the quality of speech coded at low bit rates 29564
Asao, H. *see* Oh-hashi, H. 1446
Asar, A.-u., McDonald, J.R., Rattray, W. Experience with artificial neural network models for short-term load forecasting in electrical power systems: a proposed application of expert networks 16241
Asar, A.U., McDonald, J.R. Case studies on the application of artificial neural networks to short-term load forecasting 7887
Asari, G. *see* Tanaka, K. 11321
Asari, K. *see* Nakanishi, Y. 24953
Asari, K.V., Eswaran, C. An optimization technique for the design of multiple valued PLA's 33957
Asari, M. *see* Fujii, Y. 9605
Asatani, K. *see* Bowick, J.W. 45429
Asatani, K. *see* Sato, N. 45411
Asato, K.T., Cooper, R.A., Robertson, R.N., Ster, J.F. SMART^{Wheels}: development and testing of a system for measuring manual wheelchair propulsion dynamics 31991
Asatsuma, T., Dodd, P., Donegan, J.F., Lunney, J.G., Hegarty, J. Er^{3+}-doped silicon prepared by laser doping 10840
Asaumi, K. Approximate effective nonlinear coefficient of second-harmonic generation in KTiOPO_4 12335
Asayama, K. *see* Hashimoto, C.M. 19869
Asbeck, P.M., Chang, F.M.-C., Wang, K.-C., Sullivan, G.J., Cheung, D.T. GaAs-based heterojunction bipolar transistors for very high performance electronic circuits 28114
Asbeck, P.M., Tu, C.W., Ho, M.C., Fu, S.L., Gee, R.C., Chin, T.P. Materials and structures for advanced III-V HBTs 11152
Asbury, C.T. *see* Gaborski, R.S. 45117
Ascagni, S., Bassi, E., Benzi, F., Maccone, G., Pomo, V. Position control for electrical drives in industrial automation 17496
Ascarrunz, F.G. *see* Ferre, E.S. 10431
Ascarrunz, F.G. *see* Nelson, C.W. 23382
Ascham, S.R. *see* Borley, S.J. 38113
Aschauer, E. *see* Urban, G. 46525
Aschauer, M. *see* Engelhardt, C.M. 42507
Aschenauer, E.C. *see* Badertscher, A. 7311
Ascher, U.M., Hongsheng Chin, Reich, S. Stabilization of DAEs and invariant manifolds 41169
Aschermann, B. *see* Patzelt, T. 1500
Aschoff, T. *see* Visser, H. 47124
Aseev, V. *see* Akopyan, M. 15528
Aseltine, D.A. *see* Sahl, J.D. 39112
Asenchik, O.D. *see* Mogilny, V.V. 11568
Asensi, J.M., Andreu, J., Puigdollers, J., Bertomeu, J., Delgado, J.C. Carrier injection in a-Si:H p-i-n devices: hydrogen redistribution and defect creation 28062
Asensi, J.M. *see* Bertomeu, J. 27517
Asensi, J.M. *see* Puigdollers, J. 28617
Asenstorfer, J. Super-resolution pitch estimator using chaos theory 13057
Asfar, O.R. *see* Hawwa, M.A. 35205
Asfer, D. *see* Al-Rawi, N.A. 33023
Asfer, D.J. *see* Al-Rawi, N.A. 33024
Ash, G.R., Fu Chang Management, control, and design of integrated networks with real-time dynamic routing 30247
Ash, G.R., Fu Chang Transport network design of integrated networks with real-time dynamic routing 45373
Ash, G.R., Huang, B.D. An analytical model for adaptive routing networks 22374
Ashar, P., Devadas, S., Keutzer, K. Path-delay-fault testability properties of multiplexer-based networks 1138
Ashar, P., Dey, S., Malik, S. Exploiting multicycle false paths in the performance optimization of sequential circuits 26879
Ashburn, P. *see* Chan, K.K. 11164
Ashburn, P. *see* Routley, P. 18583
Ashburn, S. *see* Ren, X. 2530
Ashburn, S.P., Ozturk, M.C. Material and electrical properties of germanosilicides formed by solid phase reactions using rapid thermal annealing 2222
Ashburn, S.P., Ozturk, M.C. Formation of germanides by rapid thermal annealing and their applications in advanced MOSFET processes 2552
Ashburn, S.P. *see* Grider, D.T. 9776
Ashby, C.I.H. *see* Ginley, D.S. 2864
Ashby, C.I.H. *see* Martens, J.S. 41855
Ashby, L., Kuner, D. Integrating a full custom microprocessor in a user defined ASIC array as a fully diffused core 18788
Ashby, M.D., Ferguson, S.T. Testing and troubleshooting techniques for the passive branching plant 46232
Ashby, N.F. *see* Cebon, D. 38374
Ashcheulov, A.A., Bespal'ko, V.V., Rarenko, A.I. Coordinate-sensitive anisotropic thermoelectric radiation detector 46456
Ashdown, B., Korbel, N. A bonding topology for new communication equipment 13937
Ashdown, G.A. Study of a VLF distributed antenna array 4341
Ashdown, I. Non-imaging optics design using genetic algorithms 48448
Ashe, T.L. *see* Otting, W.D. 7512
Asher, G.M. The robust modelling of variable topology circuits using bond graphs 18469
Asher, G.M. *see* Ferrah, A. 8843
Asher, G.M. *see* Ferrah, A. 25453
Asher, G.M. *see* Ferrah, A. 40527
Asher, G.M. *see* Ferrah, A. 40563
Asher, G.M. *see* Lamb, J.D. 18027
Asher, G.M. *see* Pena, R.S. 16852
Asher, G.M. *see* Sumner, M. 8848
Asher, G.M. *see* Sumner, M. 17482
Asher, G.M. *see* Sumner, M. 47872
Ashida, H. *see* Kitayoshi, H. 3905
Ashida, I. *see* Ito, T. 27879
Ashida, M. *see* Yanagi, H. 35555
Ashida, Y. *see* Kawano, H. 15608
Ashidate, S. *see* Sumiyoshi, T. 11989
Ashikaga, T., Mizuno, T., Shimizu, H., Natori, K., Fujiwara, N., Kaya, Y. Development of motors and controllers for electric vehicles 48225
Ashikaga, T. *see* Terashima, M. 16839
Ashikaga, T. *see* Terashima, M. 40602
Ashimbaeva, B.U. *see* Zashkvara, V.V. 38938
Ashiwake, N., Kawamura, K., Daikoku, T., Zushi, S. Study of a multifin thermal conductor for cooling heat-dissipating components. 1 287
Ashiwake, N., Kawamura, K., Daikoku, T., Zushi, S. Study of a multifin thermal conductor for cooling heat-dissipating components. 2 288
Ashiwake, N. *see* Kieda, S. 321
Ashiya, F. *see* Hogari, K. 14620
Ashizuka, T. *see* Kimishima, M. 1581
Ashkenas, D. *see* Kramer, K.-J. 1882
Ashkenazi, V., Bingley, R.M., Whitmore, G.M., Baker, T.F. Monitoring changes in mean-sea-level to millimeters using GPS 32102
Ashkenazi, V., Hill, C.J., Ochieng, W.Y., Nagle, J. Wide-area differential GPS: a performance study 46144
Ashkinazi, G., Hadas, T., Meyler, B., Nathan, M., Zolotarevski, L., Zolotarevski, O. Process and device characterization of high voltage gallium arsenide P-i-N layers grown by an improved liquid phase epitaxy method 9570

Ashkinazi, G., Meyler, B., Nathan, M., Zolotarevski, L., Zolotarevski, O. Breakdown voltage of high-voltage GaAs Schottky diodes 11136
Ashkinazi, G., Meyler, B., Nathan, M., Zolotarevski, L., Zolotarevski, O. Temperature dependence of forward current-voltage characteristics in a GaAs PiN structure with near-fully compensated i-region under low and high injection conditions 19747
Ashkinazi, G., Meyler, B., Nathan, M., Zolotarevski, L., Zolotarevski, O. Novel variable gallium arsenide capacitors 42844
Ashkinazi, L.A. New opportunities for using carbon in heaters 17606
Ashley, C.S. *see* Brinker, C.J. 11389
Ashley, D.J. *see* Johnson, M.J. 26712
Ashley, H. *see* Eggers, A.J., Jr. 8253
Ashley, J. Sliding block codes between constrained systems 21615
Ashley, P.R. *see* Tumolillo, T.A., Jr. 43543
Ashley, R., Reynolds, J.S. Overall and zonal energy end use in an energy conscious office building 25947
Ashman, R. *see* Usher, J. 38013
Ashmead, A. Beam quality in the commercial world. Nd:YAG/dye/Ti:S pulsed systems 3742
Ashmole, P.H. Introduction to 'FACTS' .39567
Ashmontas, S., Suzhiedelis, A. Electrical properties of small area GaAs n-n$^+$-junction 10724
Ashok, S. *see* Kar, S. 10781
Ashok, S. *see* Kar, S. 19449
Ashok, S. *see* Nam, C.W. 10964
Ashok, S. *see* Nam, C.W. 34744
Ashok, S. *see* Srikanth, K. 10711
Ashok, S. *see* Wang, Y.G. 34762
Ashoub, N., Bock, H., Scherpke, G. The neutron radiography facility at the Atominstitut—Vienna 33799
Ashour, A. Effect of processing conditions on structural and physical properties of Cd-rich thin films of CdTe 27477
Ashour, A. *see* Ramadan, A.A. 38645
Ashour, A.F., Morley, C.T. Three-dimensional nonlinear finite element modelling of reinforced concrete structures 9492
Ashour-Abdalla, M. *see* Sotnikov, V.I. 21414
Ashrit, P.V. *see* Le Quang Nguyen 35483
Ashry, H.A. *see* Soliman, F.A.S. 10524
Ashtijou, M., Fusheng Chen Functional testing of RAMs by random testing simulation 10158
Ashton, C., Webber, M. A high level satellite system planning tool 14552
Ashton, R.A. *see* McAndrew, C.C. 11212
Ashur, A. *see* Aggoun, A. 18592
Ashurbekov, N.A., Vinokurov, Y.S., Sadyigov, Z.Y. Multichannel PDA based on metal-resist-semiconductor for information storage and processing system 11834
Ashwin, M.J. *see* Wagner, J. 42628
Ashworth, D. *see* Nobles, P. 29189
Ashworth, J. *see* Linge, N. 22589
Ashworth, M., Davies, A.M. Performance of a three dimensional hydrodynamic model on a range of parallel computers 47279
Ashworth, M.J. Combining business and customer goals: implementing an energy services information system 7871
Ashworth, S. *see* Metra, P. 16382
Asi, M.K., Saleh, B.E.A. Signal synthesis in the time-frequency domain 13415
Asif Khan, M., Kuznia, J.N., Olson, D.T., George, T., Pike, W.T. GaN/AlN digital alloy short-period superlattices by switched atomic layer metalorganic chemical vapor deposition 18162
Asimakopoulos, D.N. *see* Soilemes, A. 15993
Asimov, M.M. *see* Rubinov, A.N. 35701
Asina, S.S., Surma, K.M., Goncharenko, V.P., Ivanov, A.A. Local electron bombardment as a method of optimizing the pulsed characteristics of power thyristors 19800
Asirvatham, D., Stonham, T.J. A design strategy for digital neural networks with multiple input connectivity 10385
Asjes, R.J. *see* van Amstel, W.D. 46614
Askar, M.H., Abbas, H., Afifi, S.E. Rechargeability of manganese dioxide/zinc cell using zinc sulfate electrolyte 48088
Askarov, Sh.I. *see* Bakhadyrkhanov, M.K. 34497
Askenazy, S., Van Bockstal, L., Herlach, F., Schneider-Muntau, H.-J. Pulsed field coils with optimized current density distribution 12534
Askins, C.G., Putnam, M.A., Williams, G.M., Friebele, E.J. Stepped-wavelength optical-fiber Bragg grating arrays fabricated in line on a draw tower 28456
Askins, C.G. *see* Williams, G.M. 3541
Asla, J. Methods to reduce cracked capacitors in board assemblies 34359
Aslamov, P.P. *see* Andrievskii, V.F. 28672
Aslanian, E. *see* Budagov, J. 46955
Asmone, A., Bertino, M., Bini, C., De Zorzi, G., Diambrini Palazzi, G., Di Cosimo, G., Di Domenico, A., Garufi, F., Gauzzi, P., Zanello, D. Performance of a highly segmented scintillating fibres electromagnetic calorimeter 31692
Asmone, A., Bertino, M., Bini, C., De Zorzi, G., Diambrini Palazzi, G., Di Cosimo, G., Di Domenico, A., Garufi, F., Gauzzi, P., Zanello, D., Festinesi, A. Thermal neutron radiation damage on light yield and attenuation length of scintillating fibres 31721
Asmontas, S., Suziedelis, A. New microwave detector 46590
Asmoodeh, M. *see* Davila, C.E. 36774
Asmussen, J. *see* Bansky, J. 23545
Asmussen, J. *see* Wei, J. 40663
Asmussen, J., Jr. *see* Manring, E.B. 17984
Asnis, L.N., Blatov, I.V., Glukov, A.V., Moskalenko, A.V., Palagin, V.V. Multifunctional radar systems with CO_2 lasers and coherent signal reception 14718
Aso, H. Uniform wiring structure embeddable in Euclidean space 1272
Aso, T. *see* Ohsugi, T. 46838
Aso, T. *see* Ohsugi, T. 46839
Aso, T. *see* Tamura, N. 46889
Asobe, M., Itoh, H., Miyazawa, T., Kanamori, T. Efficient and ultrafast all-optical switching using high Δn, small core chalcogenide glass fibre 12350
Asobe, M., Kanamori, T., Ken'ichi Kubodera Applications of highly nonlinear chalcogenide glass fibers in ultrafast all-optical switches 35351
Asobe, M., Kubodera, K., Knamori, T. All-optical switching device using chalcogenide glass fiber 28969
Asobe, M. *see* Wakita, K. 20791
Asoka-kumar, P., Greenberg, J.S., Henderson, S.D., Huomo, H., Lubell, M.S., Lynn, K.G., Mayer, R., McCorkle, S., McDonough, J., Palathingal, J.C., Phlips, B.F., Vehanen, A., Weber, M., Wu, X.Y. An intense monoenergetic positron beam with an adjustable energy between 0.5 and 3.0 MeV 23994
Asokan, T. Grain boundary properties of hot pressed zinc oxide varistors 10513
Asokan, T., Sudarshan, T.S. Effect of residual stress on the surface flashover of alumina ceramics 43221
Asokan, T., Surdashan, T.S. Dependence of the surface flashover properties of alumina on polishing abrasive parameters 2703
Asokan, T., Surdashan, T.S. Optimization of test procedure to improve insulator performance under high electric stress 2734
Asom, M.T. *see* Adams, L.E. 20805
Asom, M.T. *see* Bethea, G.C. 23727
Asom, M.T. *see* Catchmark, J.M. 12218
Asom, M.T. *see* Chirovsky, L.M.F. 20491
Asom, M.T. *see* Choquette, K.D. 28817
Asom, M.T. *see* Henderson, G.N. 20905
Asom, M.T. *see* Kojima, K. 3579
Asom, M.T. *see* Morgan, R.A. 20829
Asom, M.T. *see* Pan, Z.G. 12137
Asonen, H. *see* Guodong Zhang 35880
Asonen, H. *see* Nappi, J. 35897
Asonen, H. *see* Pessa, M. 12242
Asonen, H. *see* Zhang, G. 9652
Asonen, H. *see* Zhang, G. 12128
Asonen, H. *see* Zhang, G. 12187
Aspacher, B., Rester, A.C. Compton continuum suppression by analog pulse shape analysis 31809
Aspacher, B., Rester, A.C. Compton continuum suppression by digital pulse shape analysis. II 31810
Aspar, B. *see* Devine, R.A.B. 34645
Aspden, P.L. *see* King, I.D. 12583
Aspell, P. *see* Anghinolfi, F. 1079
Aspell, P. *see* Dierickx, B. 24001
Aspinall, D. *see* Wang, M.S. 13736
Asplund, G., Astrom, U., Canelhas, A., Aberg, M., Purra, E., Heyman, O. A novel approach on UHVDC 800 kV station and equipment design 47494
Asplund, G. *see* Astrom, U. 47495
Asplund, G. *see* Wenyan Zhang 39578
Asplund, G. *see* Zhang, W. 24899
Aspnes, D.E. *see* Kamiya, I. 9608
Asquith, P., O'Brien, F. Isolating wide area network faults at BHP through the application of expert systems 14237
Assaad, J., Bruneel, C., Decarpigny, J.-N., Nongaillard, B. Electromechanical coupling coefficients and far-field radiation patterns of lithium niobate bars (Y-cut) used in high-frequency acoustical imaging and nondestructive testing 16067
Assaderaghi, F., Hui, K., Parke, S., Duster, J., Ko, P.K., Hu, C. Study of current drive in deep sub-micrometer SOI PMOSFET'S 19835
Assaderaghi, F., Kop, P.K., Hu, C. Observation of velocity overshoot in silicon inversion layers 10760
Assaderaghi, F. *see* Chan, M. 42942
Assaderaghi, F. *see* Parke, S. 20024
Assadi, H., Tan, A., Etezadi-Amoli, M., Egbert, D., Fadali, M.S. Application of the ARTMAP neural network to power system stability studies 24798
Assadian, M. *see* Rajagopal, S. 24719
Assal, S. *see* Mencaraglia, D. 40492
Assaleh, K.T., Mammone, R.J. Signal-adaptive decomposition of multicomponent signals 36730
Assaleh, K.T. *see* Farrell, K.R. 36624
Assali, K.El *see* El Assali, K.
Assanto, G. *see* Aramaki, S. 11657
Assayag, G.B. *see* Hoffmann, P. 19697
Assayag, G.Ben *see* Ben Assayag, G.
Asseev, A.A., Myae, E.A., Sokolov, S.V., Fedotov, Yu.S. On increasing the bent crystal extraction efficiency by using thin internal target 15399
Asseev, A.A., Vasil'ev, A.N., Ludmirsky, E.A., Maisheev, Y.A., Nurushev, S.B., Fedotov, Yu.S. Peculiarities of using the bent crystal for the extraction of protons from IHEP accelerator to the PROZA facility 15403
Asseev, P.I., Grouzinenko, V.B. Investigation of electrode-quartz interface 20064
Asselin, D., Arsenault, H.-H. Rotation and scale invariance with polar and log-polar coordinate transformations 22270
Asselin, D. *see* Arsenault, H.H. 13511
Asselt, W.van *see* van Asselt, W.
Assentoft, J.E. *see* Drewes, A.M. 24279
Asseo, E., Baird, S., Bosser, J., Chanel, M., Lefevre, P., Ley, R., Maccaferri, R., Manglunki, D., Mohl, D., Molinari, G., Perrier, J.-C., Pettersson, Th., Tranquille, G., Vandeplassche, D., Williams, D.-J. Performance update of LEAR 15383
Assev, A.A., Elin, A.P., Kalajdov, A.V., Lapitskij, S.N., Minchenko, A.V. Nonresonant slow extraction of protons from the IHEP accelerator to the SWD setup 15570
Assimilalo, G. Gear induced loads can affect motor bearing life 25374
Assoul, M., Zahidi, M., Corcuff, P., Mignot, J. Three-dimensional measurements of skin surface topography by triangulation with a new laser profilometer 47071
Assoul, S., Westphall, C.B. Management in broadband networks: ATM networks fault management 14038
Assoul, S., Westphall, C.B. Management issues in broadband networks 14057
Ast, D.G. Poly-Si transistors for G-H displays 31369
Ast, D.G. *see* Moore, C.B. 10645
Ast, D.G. *see* Tsutsu, H. 19601
Astakhov, V.V., Bezruchko, B.P., Pudovochkin, O.B., Seleznev, Y.P. Phase multistability and establishment of oscillations in nonlinear systems with period doubling 9924
Astakhov, Yu.N., Van'ko, V.I., Ovchinnikov, V.V. Developing a system of split-phase design for compact power lines 24995
Astakhov, Yu.N., Zubanov, K.K., Kavchenkov, V.P., Pashenkova, T.Ye. Application of similarity theory in forecasting electrical energy generation 16490
Astami, K. *see* Cunningham, M.J. 23569
Astashonok, G.N., Plavinskii, G.A. A block thermal point [electric heating] 8983
Aste, M. *see* Coianiz, T. 29825
Asthana, A., Laznovsky, M., Mathews, B. SEMU: a parallel processing system for timing simulation of digital CMOS VLSI circuits 41787
Asthana, C.B., Prahlada Evaluation of missile seeker dwell time for three-dimensional aerial engagements 32163
Asthana, P. *see* Nordin, G.P. 3896
Astier, S. *see* Clenet, S. 8343
Astier, S. *see* Cros, J. 8455
Astier, S. *see* Cros, J. 17136
Astin, I. *see* Thomas, L. 24482
Astles, M.G. *see* Aindow, M. 41264
Astola, J. *see* Koskinen, L. 36882
Astola, J. *see* Kuosmanen, P. 21760
Astola, J. *see* Lin Yin 45001
Astola, J. *see* Tang, K. 22009
Aston, D. *see* Abe, K. 7260
Aston, D. *see* Abe, K. 15619
Aston, D. *see* Abe, K. 46930
Aston, T.R. 25 years of linear motoring 8459
Astorga, O.A.Maldonado *see* Maldonado Astorga, O.A.
Astrachan, P., Brooks, T., Everett, J., Law, W.-o., McIntyre, K., Nguyen, C., Weng, C. Testing a DSP-based mixed-signal telecommunications chip 1263
Astrain, H. *see* Huang, W. 17868
Astrom, U., Asplund, G., Carlsson, L., Jonsson, U., Loof, O. Outdoor thyristor valve—a test installation in the Konti-Skan DC link at Stenkullen converter station 47495
Astrom, U. *see* Asplund, G. 47494
Astrov, Y. *see* Willebrand, H. 31291
Astrov, Yu. A. Current structures in Si:Zn 42392
Astrov, Yu.A., Khorev, S.A. The structure of current filaments in Si:Zn 42393
Astvatsatur'yan, E.R., Belyanov, A.A., Eliseev, K.G., Kalashnikov, O.A., Kurnaev, S.A., Chumakov, A.I. A test technique for single-event upsets in digital integrated circuits 2619
Asuma, K. *see* Nakajima, J. 6165
Asumu, D.E. *see* Senior, J.M. 5955
Asumu, D.E. *see* Senior, J.M. 30805
Asundi, A. Computer gratings display and applications 38592
Asvestas, J.S., Kleinman, R.E. Electromagnetic scattering by indented screens 44323
Aswegen, A.van *see* van Aswegen, A.
Aswendt, P. *see* Hofling, R. 6816
Atac, M. Visible light photon counters for detecting very low level light 24072
Atac, M. *see* Abbott, B. 7245
Atac, M. *see* Abbott, B. 31776

Atac, M. *see* Kaplan, D.M. 46937
Atai, J. *see* Chen, Y. 36003
Atakov, E.M., Clement, J.J., Miner, B. Characterization of two electromigration failure modes in submicron VLSI 34799
Atakov, E.M., Shepela, A., Miner, B. Effect of laminates and alloy additions on electromigration in Al interconnects 34835
Atalar, A. *see* Degertekin, F.L. 16033
Atalar, A. *see* Karaman, M. 13505
Atalar, A. *see* Karaman, M. 31834
Atamanchuk, I.G., Bukanov, V.N., Dryapachenko, I.P., Kumshaev, S.B., Ol'khovskii, K.I., Pavlenko, A.A., Polyanskii, V.N., Rudenko, B.A., Trotskii, V.Ya., Tokarevskii, V.V., Chesnokova, T.D., Churyumova, T.A. A multifunctional unit for applied research at the U-240 cyclotron 27659
Atamas, A.V. Methods of cooling solid-state laser rods 43817
Atamna, Y. *see* Berge, N. 37544
Atanasoski, R.T., Owens, B.B., Smyrl, W.H., Xidis, A.L. High energy insertion cathodes 40448
Atanasov, P. *see* Sheng Luo Xie 23739
Atanasov, P.A. Some aspects of high-pressure N_2 assisted CO_2-laser cutting of metals 21140
Atanasov, P.A. *see* Baeva, M.G. 11965
Atanasov, P.A. *see* Tzolov, V.P. 28725
Atanassov, G. *see* Liu, X. 3294
Atanassova, E., Dimitrova, T. Electrical studies of the reactions between ethanol vapours and inversion mode Si-thin SiO_2 structures 15111
Atanassova, E. *see* Paskaleva, A. 2036
Atanga, F.J. *see* Marquez-Villegas, R.M. 14026
Atarashi, H. *see* Yamamura, K. 19123
Atcha, J.I. *see* Iniewski, K. 42581
Atchison, L. The Hewlett Packard standard instruments control library (SICL) for VXI systems 23421
Athale, R.A. *see* Yang, X. 11722
Athan, A., Duchamp, D. Agent-mediated message passing for constrained environments 22567
Athan, S. *see* Scharf, J.E. 7350
Athanassova, V. *see* Pranchov, R. 1757
Athane, B. Implications of legal metrology in flow measurement for the utilities 46681
Athas, G.J., Brooks, J.S., Klepper, S.J., Uji, S., Tokumoto, M. Tunnel diode oscillator application to high sensitivity de Haas-van Alphen and superconducting critical field studies of anisotropic organic conductors 10015
Atherton, D.L., Czura, W. Remote field eddy current technique: phantom exciter model calculations 908
Atherton, D.L., Frey, P., Guo, X. Remote field slit defect responses 26536
Atherton, D.L. *see* Barnes, R. 9832
Atherton, J.S., Snowden, C.M., Richardson, J.R. Characterization of thermal effects on microwave transistor performance using an efficient physical model 1547
Atherton, M. *see* Kennedy, I. 47068
Atherton, P. Consumer audio DSP and Motorola's DSP56004 microprocessor 23357
Atiya, A.F. *see* Parthasarathy, S. 25169
Atkin, D.M., Adams, M.J. Optical switching in the twin-guide travelling-wave laser amplifier 3612
Atkins, A.W., Wusterbarth, M. Frame 9Fs to deliver 2400 MW for Black Point 16697
Atkins, G.R., Zhen Hua Wang, McKenzie, D.R., Sceats, M.G., Poole, S.B., Simmons, H.W. Control of defects in optical fibers—a study using cathodoluminescence spectroscopy 43400
Atkins, G.R. *see* Stepanov, D.Yu. 11608
Atkins, J.W., Lawer, S. Whither broadband—a perspective on wide-area networking 14177
Atkins, P. Tutorial introduction and historical overview of the need for heading sensors in sonar applications 46107
Atkins, R.A., Gardner, J.H., Gibler, W.N., Lee, C.E., Oakland, M.D., Spears, M.O., Swenson, V.P., Taylor, H.F., McCoy, J.J., Beshouri, G. Fibre-optic pressure sensors for internal combustion engines 46469
Atkins, R.M. *see* Mizrahi, V. 3023
Atkins, R.M. *see* Mizrahi, V. 45946
Atkins, S. *see* Finlayson, G.D. 37490
Atkinson, A.L., Haggett, B.G.D. Whole cell biosensors for environmental monitoring 23732
Atkinson, D. *see* Irii, H. 4464
Atkinson, D.J., Acarnley, P.P. A practical implementation of a DSP based induction motor drive 17433
Atkinson, D.J., Anido, G.J., Bradlow, H.S. Deterministic multiplexing and bandwidth reservation for B-ISDN 37590
Atkinson, D.J. *see* Craig, E. 16993
Atkinson, J.K. Hybrid chemical and physical sensor arrays 15113
Atkinson, J.T. *see* Search, D.J. 26218
Atkinson, K.E. *see* Graham, I.G. 41190
Atkinson, R., Hendren, W.R., Salter, I.W., Walker, M.J. Optical and magneto-optical properties of MBE grown Co/Au multilayers 35220
Atkinson, R., Salter, I.W., Xu, J. Angular performance of phase-optimized magneto-optic quadrilayers 28385
Atkinson, R.M., Hawkins, P.G., Hills, P.R., Woollons, D.J., Clearwaters, W.A. Application management in a distributed, object-oriented condition monitoring and maintenance planning system 46292
Atkinson, S., Wuppermann, B. Fast silicon aids RF and system design 14465
Atkinson, S., Wuppermann, B. Architectures for a DECT transmit and receive device: a comparison 22800
Atkinson, S. *see* Wupperman, B. 33937
Atlas, D. *see* Marks, F.D., Jr. 15998
Atlas, L. *see* Fang, J. 13361
Atlas, L.E. *see* Connor, J.T. 4394
Atlas, L.E. *see* Connor, J.T. 32181
Atlas, L.E. *see* Loughlin, P.J. 13323
Atmaca, T., Perros, H.G., Dallery, Y. Approximate analysis of a multi-class open queueing network with class blocking and push-out 37102
Atmani, H. *see* Guasch, C. 42499
Atobe, N. *see* Oguchi, T. 5870
Atobe, N. *see* Takasugi, H. 46651
Atoda, N. *see* Kato, K. 31469
Atoda, N. *see* Nagata, H. 27885
Atoda, N. *see* Oizumi, H. 27855
Atoda, N. *see* Tanaka, T. 27880
Atrens, A., Brosnan, C.C., Ramamurthy, S., Oehlert, A., Smith, I.O. Linearly increasing stress test (LIST) for SCC research 18368
Atreya, N. Measurement methods for digital video systems 46200
Atriss, A.H., Peterson, B.C., Parker, L.L. Enhanced voltage-controlled oscillator and lock detect circuit 10016
Atsumi, K. *see* Ando, T. 42338
Atsumi, K. *see* Endo, F. 11191
Atsumi, M. *see* Nagaya, K. 4013
Atsumo, T. *see* Inoue, T. 27000
Atsumo, T. *see* Inoue, T. 41936
Atsumo, T. *see* Suzuki, H. 11331
Atsuta, T. *see* Fujii, H. 35919
Atsuta, Y. Communication requirements spur changes in small chip filters, ceramic resonators 10259
Attaianese, C., Marongiu, I., Perfetto, A. Control improvement of induction motor drives 17422
Attaianese, C., Pagano, E., Diegoli, C., Zigon, M. Impulse voltage response prediction of high voltage transformer windings 40297
Attaianese, C., Pagano, E., Perfetto, A. Intrinsic characteristics of digitally controlled asynchronous motors 40199
Attaianese, C., Perfetto, A. A predictive algorithm for current control of inverter fed asynchronous motors 16881
Attal, J. *see* Charbonnier, A. 14459
Attal, J. *see* da Fonseca, R.J.M. 18327
Attal, J. *see* Margat, C. 14451
Attal, J. *see* Pautet, M.B. 14452
Attal, J. *see* Pautet, M.B. 14453
Attardo, F., Tarantola, C., Cappio Borlino, M., Giuinta, M., Lavezzaro, L. GHz-TEM cell: radiated immunity test performance 44436
Attari, M., Fabry, P., Mallie, H., Quezel, G. A new double-jet cell for fast-ion-sensitive electrodes 6466
Attarinejad, R., Sornmo, L. Maximum likelihood analysis of late potentials 15856
Attenborough, K. *see* Watson, A.P. 47294
Atteri, R. *see* El-Sharkawi, M.A. 16125
Atteri, R. *see* Sumic, Z. 32363
Attia, A. *see* Huang, C.-K. 17198
Attia, A.I. *see* Ratnakumar, B.V. 25634
Attia, A.O. *see* Abo Zaid, A. 13648
Attia, M. *see* Guibert, L. 33126
Attia, M.H., Kops, L. Distortion in the thermal field around inserted thermocouples in experimental interfacial studies. 3. Experimental and numerical verification 38459
Attiah, U. *see* Cohen, E. 26989
Attie, P. *see* Arora, A. 9444
Attig, R.C. *see* Chapman, J.N. 25307
Attikiouzel, Y. *see* Godfrey, K.R.L. 29998
Attikiouzel, Y. *see* Togneri, R. 4568
Attikiouzel, Y. *see* Zhang, Y. 13056
Attolini, G., Franzosi, P., Pelosi, C., Lazzarini, L., Salviati, G. Metalorganic vapor phase epitaxial growth and structural characterization of GaAs/InP heterostructures 41295
Attridge, J.W. *see* Robinson, G.A. 46520
Attwood, D. Undulator radiation for at-wavelength interferometry of optics for extreme-ultraviolet lithography 27825
Attwood, J.R., Gregory, B., Lindsey, G.P., Sutcliffe, W.J. Prefabricated accessories for extruded polymeric cable at 66 kV to 150 kV 16424
Attwood, S.E.A. *see* Caldwell, M.T.P. 38986
Atuahene-Gima, K., Patterson, P. Managerial perceptions of technology licensing as an alternative to internal R&D in new product development: an empirical investigation 164
Atungsiri, S.A., Kondoz, A.M., Evans, B.G. Multirate coding: a strategy for error control in mobile communication systems 30656
Atutov, S.N., Mariotti, E., Meucci, M., Bicchi, P., Marinelli, C., Moi, L. A 670 nm external-cavity single mode diode laser continuously tunable over 18 GHz range 43890
Atwater, H.A., Wong, S.S., Ahn, C.C., Nikzad, S., Frase, N. Analysis of monolayer films during molecular beam epitaxy by reflection electron energy loss spectroscopy 33611
Atwater, H.A. *see* Hashim, I. 770
Atwater, H.A. *see* Nikzad, S. 673
Atwater, H.A. *see* Ramana Murty, M.V. 41379
Atwater, H.A. *see* Saunders, W.A. 9604
Atwater, H.A. *see* Tsai, C.-J. 41309
Atwater, H.A., Chason, E., Grabow, M.H., Lagally, M.G. *(editors)* Evolution of Surface and Thin Film Microstructure Symposium 40707
Atwater, T., Gaetano, K., Kanaris, C. Improved impedance spectroscopy technique for status determination of production Li/SO_3 batteries 17182
Atwood, E.R., Gutmann, R.J. Spectral decomposition of mapped PIMR semiconductor wafer characterization data using numerical frequency domain methods 3310
Atwood, W.B. Gamma Large Area Silicon Telescope (GLAST) applying silicon strip detector technology to the detection of gamma rays in space 46855
Atzmon, Z., Eizenberg, M., Shacham-Diamand, Y., Mayer, J.W., Schaffler, F. Low-dose implantation of Sb in $Si_{1-x}Ge_x$ epitaxial layers: Correlation between electrical properties and radiation damage 19540
Au, R. *see* Shimomura, S. 11019
Au, T.-M., Luk, K.-M., Lee, K.-F. Moment method analysis of circularly polarized microstrip antenna with parasitic element 21413
Au, T.M. *see* Luk, K.M. 4301
Au, W.K. *see* Sadjadi, F. 38155
Au-Yang, M.K. Application of ultrasonics to nonintrusive vibration measurement 31533
Aubert, H. *see* Aubrion, M. 10495
Aubert, H. *see* Boone, F. 36302
Aubert, H. *see* Chramiec, J. 27183
Aubert, X. *see* Dugast, C. 36626
Auberton-Herve, A.J. *see* Balestra, F. 35008
Aubin, J., Baehr, R., Eckholz, K., Hall, A.C., Hurter, T., James, R.E., Kozlowski, M., McNutt, W.J., Nordman, H., Pettersson, L., Poittevin, J., Preininger, G., Tanguy, A., Zaitsev, V.A. Lifetime evaluation of transformers 25519
Aubin, J.F. *see* Flam, R.P. 38189
Aubin, M., Ghamlouch, H., Fournier, P. Measurement of the Seebeck coefficient by an AC technique: application to high-temperature superconductors 6769
Aubin, N. *see* Bonnin, P. 22099
Auborn, J.E., Fuller, J.M., McCauley, H.M. Target detection by co-occurrence matrix segmentation and its hardware implementation 13599
Aubourg, E., Cummings, A., Shutt, T., Stockwell, W., Barnes, P.D., Jr., Da Silva, A., Emes, J., Haller, E.E., Lange, A.E., Ross, R.R., Sadoulet, B., Smith, G., Ning Wang, White, S., Young, B.A., Yvon, D. Measurement of electron-phonon decoupling time in neutron-transmutation doped germanium at 20 mK 19925
Aubourg, E. *see* Stockwell, W. 18495
Aubourg, E. *see* Young, B.A. 24033
Aubourg, M. *see* Courivaud, N. 27162
Aubourg, M. *see* Krupka, J. 34225
Aubourg, M. *see* Ongareau, B. 11238
Aubourg, M. *see* Thetiot, D. 27290
Aubourg, M. *see* Verdeyme, S. 27193
Aubret, C. *see* Adam, W. 46929
Aubrion, M., Aubert, H., Ahmadpanah, M., Baudrand, H. Analysis of discontinuous-layer propagation structures by transverse resonance method 10495
Aubrun, C. *see* Sauter, D. 33420
Aubry, J.F. *see* Fellah, M.K. 8539
Aubry, J.F. *see* Wang, P. 8533
Aubry, J.F. *see* Zein El Din, A.S. 8659
Aubry, J.P. *see* Cambon, O. 43228
Aubry, P. *see* Davignon, A. 13707
Aubry, W.M. *see* Rao, N.A.H.K. 7670
Aubry, Y., Sage, J.-P., Fontes, E. Mixing and coherent detection applied to remote sensing 6146
Auchincloss, P.S., de Barbaro, P., Bodek, A., Budd, H., Pillai, M., Qun, F., Sakumoto, W.K., Merritt, F.S., Oreglia, M.J., Schumm, B., Bolton, T., Arroyo, C., Bachmann, K.T., Bazarko, A.O., Blair, R.E., Foudas, C., King, B.J., Lefmann, W.C., Leung, W.C., Mishra, S.R., Oltman, E., Quintas, P.Z., Rabinowitz, S.A., Sciulli, F., Seligman, W.G., Shaevitz, M.H., Bernstein, R.H., Borcherding, F., Fisk, H.E., Lamm, M., Marsh, W., Merritt, K.W.B., Schellman, H., Yovanovitch, D. A study of the energy dependence of the mean, truncated mean, and most probable energy deposition of high-energy muons in sampling calorimeters 46953
Auchterlonie, L. Information relating to millimetre-wave propagation deduced from data obtained from resonator measurements—prediction of some limiting effects 36194
Auciello, O. *see* Al-Shareef, H.N. 34293
Auciello, O. *see* Gifford, K.D. 11369
Auckland, D.W., Kabir, S.M.F., Varlow, B.R. Charge deposition in gas filled channels with insulating walls 2705

Auckland, D.W., Lowe, J., Shuttleworth, R., Simms, J.R., Varlow, B.R. A permanent magnet actuated solid state controlled auto-reclose circuit breaker 25579
Auckland, D.W., Smith, C.D., Varlow, B.R. Application of ultrasound to the NDT of solid insulation 28314
Auckland, D.W. *see* McGrail, A. 28312
Auclair, H. *see* Argaut, P. 16353
Auclair, J.Y. *see* Bisson, F. 45463
Aucoin, P.J., Jr. *see* Erickson, J.D. 39143
Aucoin, P.J., Jr. *see* Erickson, J.D. 47161
Aucouturier, J.-L. *see* Gouverneur, S. 19254
Aucouturier, J.L. *see* Dondon, P. 14937
Auda, H.A., Elsherbeni, A.Z. Multiple microstrip lines on a multilayered cylindrical dielectric substrate on perfectly conducting wedge 21302
Aude, C.W. *see* Namkung, J.S. 6545
Aude, J.S., Lopes Filho, E.P., Martins, M.F., Pinto, S.B. ARCO: a cost-effective and flexible hardware maze router 1695
Audeh, M.D. *see* Kahn, J.M. 23082
Audeh, N.F. *see* Gracchi, V.C. 46053
Audeh, N.F. *see* Mahafza, B.R. 46069
Audeh, N.F. *see* Mahafza, B.R. 47321
Audeh, N.F. *see* Strickland, B.R. 36374
Auderset, H. *see* Kramer, J. 11863
Audet, D., Savaria, Y., Arel, N. An architectural approach for increasing clock frequency and communication speed in monolithic-WSI systems 41992
Audet, D., Savaria, Y., Arel, N. Pipelining communications in large VLSI/ULSI systems 43115
Audet, D. *see* Kermouche, R. 41985
Audet, Y., Chapman, G.H. Design of a large area magnetic field sensor array 46422
Audley, D. *see* Osterman, D.P. 24128
Audley, M.D., Kelley, R.L., Rawley, G.L. A prototype kinetic inductance thermometer for X-ray calorimetry 24127
Audoin, C., Diener, W.A. Frequency, phase and amplitude changes of the hydrogen maser oscillation 23386
Audoin, C. *see* Vig, J.R. 20100
Audoly, C. Review of active methods for acoustic echo cancellation 20074
Audouin, O. *see* Hamaide, J.-P. 20339
Audounet, J. *see* Damakoa, I. 3704
Audsin Mohana Dhas, D., Sumitha, J. Two units connected in series with general bulk service of accessible batches in unit 2 26270
Auer, E., Battenschlag, P. Design and performance of a VLSI implemented 16 channel FDM demultiplexer for onboard processing 22951
Auer, E., Troll, P., Mossinger, U. A fully integrated, hybridized time switching unit for onboard processing application 22963
Auerhammer, J., Genz, H., Graf, H.-D., Grill, W., Hahn, R., Richter, A., Schlott, V., Thomas, F., Topper, J., Weise, H., Wesp, T., Wiencken, M. First observation of amplification of spontaneous emission achieved with the Darmstadt IR-FEL 43978
Auerhammer, J., Liu, H. Vignetting effects of wiggler bores on empty modes in free-electron laser resonators 35900
Aufermann, A., Fink, H., Leonhardt, G. Switchgear design for the future—new protective and remote control strategies 8685
Auffret, R. *see* Chawki, M.J. 12143
Auffret, R. *see* Li, H.W. 46013
Auge, E. *see* Kotropoulos, C. 21994
Auge, J. *see* Hauptmann, P. 6402
Augenbraun, J., Boyce, J., Pearlstein, L., Plotnick, M. A comparative analysis of methods for joint coding of DCT coefficients for digital video compression 30153
Augenstein, D. *see* Bennett, E.B., Jr. 32577
Auger, F. Some simple parameter determination rules for the generalized Choi-Williams and Butterworth distributions 36719
Auger, G. *see* He Zhiyong 46884
Augis, J.A. *see* Clech, J.-P. 34375
Augis, J.A. *see* Clech, J.-P. 41017
Augot, D., Sendrier, N. Idempotents and the BCH bound 44714
Augousti, A.T., Mason, J. Mathematical modelling of a resonant optical device based on liquid crystals 43555
Augousti, A.T. *see* Mason, J. 31189
Augugliaro, A., Cataliotti, V., Dusonchet, L., Mangione, S., Morana, G. Optimum management of distributed reactive compensation on radial operated MV networks with small generating units 24794
Augur, R.A. *see* Dirks, A.G. 27795
Augustin, E.P. *see* Dunn, D.S. 12732
Augustin, P., Roberts, P.D. On-line hierarchical steady-state optimising control of a power plant using the ISOPE technique with dynamic information 16627
Augustine, B.H., Feng, S.T., Irene, E.A., Ray, M.A. Thermal-optical switching of a silicon based interference filter 35524
Augustine, F. *see* Varadarajan, R. 34103
Augustinus, A. *see* Adam, W. 7259
Augustinus, A. *see* Adam, W. 31715
Augustinus, A. *see* Adam, W. 46929
Augusto, J.Soares *see* Soares Augusto, J.
Augustus, E.P. *see* Goldstein, D.H. 30110
Augustus, E.P. *see* Goldstein, D.H. 32168
Augustus, P.D. *see* Skinner, D.K. 18329
Aujla, N.S. *see* Karacaoglu, U. 29330
Aulchenko, V.M., Baibusinov, S.O., Bondar, A.E., Kuzmin, A.S., Leontiev, L.A., Okhapkin, V.S., Pestsov, L.V., Smakhtin, V.P., Sukhanov, A.I., Shwartz, B.A. CMD-2 barrel calorimeter 7220
Auld, B.A. *see* Beck, P.A. 6427
Auld, B.A. *see* Hossack, J.A. 16042
Auld, B.A. *see* Van Der Weide, D.W. 44586
Auld, D. *see* Ang, P.H. 22167
Aulenbacher, U., Barg, R. Target and clutter modeling for millimeter wave 23118
Auletta, R. *see* Makhdoom, S. 18782
Auletta, R.J. Synthesized self-timed synchronous systems 18660
Auleytner, J., Adamczewska, J., Reginski, K. The real structure of Ge ions-implanted Si crystals subjected to thermal annealing 2055
Aulich, H.A. *see* Demesmaeker, E. 8748
Aull, B.f., Nichols, K.B., Maki, P.A., Palmateer, S.C., Brown, E.R., Lind, T.A. Monolithic optoelectronic transistor: a new smart-pixel device 3386
Aulombard, R.L. *see* Briot, O. 26457
Aulombard, R.L. *see* Cloitre, T. 9526
Aulombard, R.L. *see* Cloitre, T. 9636
Ault, B.J. *see* Lavers, C.R. 28484
Aum, P. *see* Gu, T. 42973
Aum, P. *see* Li, X. 34972
Aun Ng Kien *see* Ng Kien Aun
Aune, A., Mosnier, O.N. Simulation of beam instabilities in a superconducting linear collider 7046
Aune, B. *see* Cavedon, J.M. 15354
Aune, B. *see* Fouaidy, M. 15516
Auner, G. *see* Demczyk, B.G. 34813
Auner, G.W. *see* Beijing Wang 43559
Aurand, J.F. *see* Clark, R.S. 44468
Aurbach, D., Ein-Eli, Y., Chusid, O., Carmeli, Y., Babai, M., Yamin, H. The correlation between the surface chemistry and the performance of Li-carbon intercalation anodes for rechargeable 'rocking-chair' type batteries 48081
Auret, F.D., Barnard, W.O., Meyer, W.E., Myburg, G. Effect of electron-beam deposition rate on the electrical properties of Ti/ and Pt/n-GaAs contacts 1941
Auret, F.D. *see* Goodman, S.A. 27484
Auret, F.D. *see* Goodman, S.A. 34600
Auriol, P. *see* Puharic, M. 16339
Aurola, T. *see* Rikkonen, T. 32190
Auslander, D.M. *see* Gibb, W.J. 24269
Auslender, A.H. *see* Korte, J.J. 15969
Auslender, V.L., Gorbunov, V.A., Nekhaev, V.E., Panfilov, A.D., Poliakov, V.A., Tuvik, A.A., Faktorowich, B.L., Cheskidov, V.G. High-frequency powerful electron accelerators type ILU for industrial applications 6910
Ausschnitt, C. *see* Ferguson, R. 26942
Aussenegg, F.R., Leitner, A., Zhao, Z. Enhanced sensitivity of dye monolayers as chemical sensors by electrodynamic interaction with a smooth metal surface 31333
Ausserlechner, U., Kasperkovitz, P., Steiner, W. Pick-up systems for vibrating sample magnetometers-a theoretical discussion based on magnetic multipole expansions 38484
Aust, E., Knoll, W., Hickel, W., Knobloch, H., Orendi, H. Electro-optic characterization of polymeric materials for integrated optics 43495
Aust, E. *see* Herminghaus, S. 43463
Aust, E. *see* Ito, S. 35504
Aust, J. *see* Cooper, J.B. 31316
Aust, M. *see* Sharma, A.K. 1649
Austin, B. *see* Wallace, A. 45163
Austin, E. *see* Sarcona, G. 11111
Austin, J. *see* Wan, K.W. 30617
Austin, M.T. Europe's ONP bargain: what's in it for the user? 45420
Austin, M.W. *see* Lyle, R.P. 35495
Austin, M.W. *see* Webster, M.A. 35496
Austin, P., Caminade, J., Sanchez, J.L. Correlation between technology and the electrical characteristics of a power polysilicon emitter bipolar transistor 2483
Austin, R.F. *see* Momoh, J.A. 24800
Austin, R.H. *see* Nguyen, D.C. 43972
Austin, R.H. *see* Sheffield, R.L. 44008
Austin, S. *see* Zavaliagkos, G. 21672
Austin, W.J. *see* Zhang, G. 45168
Austing, D.G. *see* Khan-Cheema, U.M. 42852
Auston, D.H. *see* Darrow, J.T. 20533
Auston, D.H. *see* Weling, A.S. 18958
Autiero, D., Bosi, F., Camarri, P., Cavasinni, V., DelPrete, T., Iacopini, E., Rizzi, D. Characteristics and performance of an electromagnetic shower sampling calorimeter with wavelength shifting fibre readout 15629
Autiero, D., Camarri, P., Cardini, A., Cavasinni, V., Del Prete, T., Di Girolamo, B., Flaminio, V., Iacopini, E., Gorin, A., Manuilov, I. Study of a possible scintillating fibre tracker at the LHC and tests of scintillating fibres 15630
Autonov, V.I. *see* Lyamets, Yu.Ya. 39649
Autran, J.-L., Seigneur, F., Delmas, J., Plossu, C., Balland, B. Characterization of interface states in submicrometer MOS transistors by different charge pumping techniques 11210
Autran, J.L., Seigneur, F., Plossu, C., Balland, B. Characterization of $Si-SiO_2$ interface states: Comparison between different charge pumping and capacitance techniques 1962
Autran, J.L. *see* Djahli, F. 42962
Autric, M. *see* Montagne, J.E. 11997
Autric, M. *see* Prat, C. 20959
Autry, M.W. *see* Bradley, T.W. 47187
Autry, T.A. *see* Addington, L.A. 17156
Auty, C.G. *see* Foster, B. 31714
Auvergne, D. *see* Coll, P. 1118
Auvergne, D. *see* Deschacht, D. 10092
Auvergne, D. *see* Moraes, F. 19989
Auvergne, J.-P., Clavel, P., Cromer, J.-C., Thom, F. SDEM position sensor for hydraulic cylinders with up to 20 m stroke 6799
Auvert, G. CW laser-induced removal of interconnections in submicron devices 19498
Auvert, G. *see* Boughaba, S. 41458
Auvray, P. *see* Guivarc'h, A. 18201
Auvray, P. *see* Guivarc'h, A. 41274
Auyang, L. *see* Parham, T.G. 48450
Auzel, F. *see* Chen, Y. 35741
Auzel, F. *see* Zhou, B.W. 35921
Auzimour, P. *see* Blair, G. 13974
Auzins, J., Wilhelm, R.V. Automotive electronics—getting in gear for the 90s and beyond 40632
Avadhanam, N., Mitra, S. Robust fractal characterization of 1-D and 2-D signals 29870
Avadhany, N. *see* Singh, B. 2296
Avai, A. *see* Antola, A. 36897
Avakian, R.S., Taube, A.L. Devices for microwave resonance therapy 31967
Avakov, R.A., Radoichevski, V.T., Shalayev, A.Ya. Diagnostics of digital switching systems 14341
Avakyants, L.P. *see* Kurova, I.A. 42441
Avalle, C.A. *see* Zacharias, R.A. 39293
Avanesyan, G.R., Antonenkov, V.B., Bogomolov, Yu.A. A more efficient use of RAM 41893
Avaritsiotis, J.N. *see* Papaioannou, D.A. 10984
Avaritsiotis, J.N. *see* Vlachos, D.S. 6663
Avdeev, S.P., Karnaukhov, V.A., Karch, V., Kuznetsov, V.D., Vydai, Yu.T., Petrov, L.A., Bochkarev, O.V., Kuz'min, E.A., Mukha, I.G., Chulkov, L.V., Yan'kov, G.B. CsI(Tl) film scintillators with a large area 7198
Avdeev, S.P., Karnaukhov, V.A., Kuznetsov, V.D., Petrov, L.A. Discrete scintillation monitor of relativistic nuclear beams 6949
Avdeev, S.P., Karnaukhov, V.A., Kuznetsov, V.D., Petrov, L.A., Karcz, W., Oeschler, H., Lips, V., Barth, R. Electronic hardware and software at the Faza setup 7275
Avdeichikov, V.V., Bergholt, L., Guttormsen, M., Taylor, J.E., Westerberg, L., Whitlow, H.J., Bordenko, Yu.A., Burachas, S.F. Light output and energy resolution of BGO and GSO scintillators for light ions 7239
Avdeyev, S.P., Karnaukhov, V.A., Kuznetsov, W.D., Petrov, L.A., Barth, R., Lips, V., Oeschler, H., Bochkarev, O.V., Chulkov, L.V., Kuzmin, E.A., Mukha, I.G., Olkin, V.A., Yankov, G.B., Karcz, W., Vidaj, Y.T., Neubert, W., Norbeck, E. FASA—a 4 π detector setup for the investigation of target multifragmentation in nucleus-nucleus collisions 7149
Avenell, C.S., Arshad, A.S., Griffiths, A.J., Syred, N. The development of a 200 kW pyrolyser and its environmental impact 25207
Avent, B.L. *see* Roy, A.K. 47486
Averbuch, A. *see* Aharoni, G. 22113
Averbuch, A. *see* Amitai, D. 41173
Averin, D.V., Register, L.F., Likharev, K.K., Hess, K. Single-electron Coulomb exclusion on the atomic level 19710
Averin, S.V., Kohl, A., Muller, R., Meskida Kusters, A., Wisser, I., Heime, K. High-speed n-$Ga_{0.47}In_{0.53}As$ photodetectors with low dark current 46424
Averin, S.V., Novikov, S.V., Meskida-Kusters, A., Potapov, V.T., Heime, K., Tsarev, A.N., Shmartsev, Yu.V. Metal-semiconductor-metal photodiode structures with a low dark current density 43629
Averous, M. *see* Obadi, A. 9566
Aversa, F. *see* Bocciolini, M. 24082
Avery, R.A. *see* Sarkar, A.D. 8151
Avery, R.E., Bantly, J., Blessing, S., Buchholtz, D., Gobbi, B., Liu, Y., Rajagopalan, S. Performance of the Forward Drift Chambers for the DO detector 7257
Avery, R.E., Bantly, J., Blessing, S., Buchholz, D., Gobbi, B., Liu, Y., Rajagopalan, S., Tilden, R., Martin, M. Performance of 2 mm radius straw tube drift cells 7258
Avery, S.C. *see* Nicol, C.J. 30004
Avery, S.E., Liew, J.C. Hermetic microstrip mixer package 18970
Avetisyan, D.A., Pischulova, N.M. Solution a of problem of optimal forming of automatic equipment system cables by discrete optimization methods 19180
Avgerinos, J.A., Machias, A.V., Papageorgiou, C.D. A CHP tariff model as a tool for the negotiations between utility-customer 16173
Avgerinos, J.A., Machias, A.V., Papageorgiou, C.D. Using the HLF (heat load following) model to forecast the CHP production in a RDF plant 16628

Avi-Itzhak, H.I. *see* Sako, H. 29818
Avila, S.Fernandez de *see* Fernandez de Avila, S.
Avins, J. *see* Chihoub, A. 46341
Avis, L.M. *see* Lee, R.B., III 23617
Avis, S.E., Hall, S.R., Naden, J.M. Strapdown heading sensor for towed arrays 47280
Avitabile, G. *see* Maci, S. 21411
Avitabile, G.F. *see* Maci, S. 29307
Avogadro, C.I. Small hydro in the Argentine Republic 16706
Avolio, F.M. Building internetwork firewalls 45625
Avouris, N.M., Allan, R.N., Lagoudakos, M. Modular graphic representation of complex electrical networks 7747
Avouris, P. *see* Hasegawa, Y. 42558
Avouris, P. *see* Wintterlin, J. 26495
Avraham, M. *see* Mitchell, H.B. 45085
Avrakhov, P.V. *see* Arapov, L.N. 15283
Avram, C. *see* Zhao, W. 14239
Avramov, I.D. Transmission and reception of high fidelity sound in buildings using surface transverse wave based 1 GHz FM radio 5862
Avramov, I.D. Gigahertz range resonant devices for oscillator applications using shear horizontal acoustic waves 11422
Avramov, I.D. Microwave oscillators stabilized with surface transverse wave resonant devices 19053
Avramov, S., Oldham, N.M. Automatic calibration of inductive voltage dividers for the NASA Zeno experiment 6293
Avrelin, N.V. *see* Masunov, E.S. 7011
Avrillon, S. *see* Fukunaga, C. 46852
Avrillon, S. *see* Saitoh, Y. 7254
Avrillon, S. *see* Saitoh, Y. 46854
Avrillon, S. *see* Tanaka, M. 46975
Avrin, D. *see* Huang, H.K. 37495
Avrutin, E.A., Gorfinkel, V.B., Luryi, S., Shore, K.A. Control of surface-emitting laser diodes by modulating the distributed Bragg mirror reflectivity: Small-signal analysis 12131
Avrutskii, V.A., Bizyayev, A.S., Gushchin, I.A., Levitova, L.V. Gas discharge lightning protection of installations with a dielectric body 16458
Avrutskii, V.A., Bizyayev, A.S., Gushchin, I.A., Prokhorov, Ye.N., Sergiyevskaya, I.M. Damage to articles made of carbon-filled plastic by the impact of lightning currents 9807
Avset, B.S. *see* Evensen, L. 24055
Avset, B.S. *see* Ohlckers, P. 11278
Avtaeva, S.A., Baryshev, Yu.P., Ishikaev, R.M., Orlikovskii, A.A., Otobraev, D.K. Characteristics of a nonequilibrium plasma of an RF low-pressure discharge in CF_3Br used to etch semiconductors 27398
Aw Chye Huat *see* Chye Huat Aw
Awad, S.S. *see* Wagdy, M.F. 1290
Awadalla, K.H. *see* Sharsher, H.A. 12727
Awadelkarim, O.O., Mikulan, P.I., Gu, T., Ditizio, R.A., Fonash, S.J. Hydrogen permeation, Si defect generation, and their interaction during CHF_3/O_2 contact etching 42744
Awadelkarim, O.O. *see* Gu, T. 42973
Awadelkarim, O.O. *see* Mikulan, P.I. 34865
Awaga, M., Takahashi, H. The μVP 64-bit vector coprocessor: a new implementation of high-performance numerical computation 10193
Awai, I. *see* Dong, Y. 19008
Awai, I. *see* Fukuda, K. 11446
Awai, I. *see* Hano, M. 20166
Awai, I. *see* Takasugi, A. 19010
Awaji, N., Kodaira, M., Kishimoto, T., Ida, T., Kijima, Y., Tsuchidate, H. High current beam storage experiments in SORTEC SR source 15371
Awaji, N. *see* Kodaira, M. 7123
Awaji, N. *see* Maejima, Y. 19691
Awaji, N. *see* Maejima, Y. 28022
Awaki, H. *see* Kunieda, H. 15683
Awamoto, K. *see* Kanno, T. 31273
Awang, Z., Miles, R.E. 2 GHz gallium arsenide bulk acoustic wave resonators fabricated using sol-gel technology 28343
Awano, A., Haraguchi, K., Yamasaki, H. $Li/Fe_{1-x}Co_xS_2$ system thermal battery performance 17177
Awano, H. *see* Yoshihiro, M. 20432
Awashima, T., Yamamoto, W., Sato, M., Ohtsuki, T. An optimal chip compaction method based on shortest path algorithm with automatic jog insertion 26592
Awashima, T. *see* Mahmoud, I.I. 943
Awashima, T. *see* Togawa, N. 26790
Awaya, N., Arita, Y. Accelerated-deposition rate and high-quality film copper chemical vapor deposition using a water vapor addition to a hydrogen and $Cu(HFA)_2$ reaction system 794
Awcock, G.J., Lawrence, D.H., Thomas, R. The teaching of applied image processing at the University of Brighton 13841
Awdeh, R.Y., Mouftah, H.T. A contention resolution algorithm for input-buffered Batcher-banyan networks 45290
Awed-Badeeb, O. *see* Ahmed-Zaid, S. 25435
Awerkamp, D.R. The standards work of the SAE AE4 Committee [on EMC] 44422
Aweya, J. *see* Billinton, R. 32412
Awrach, J. *see* Mil'shtein, S. 10613
Awwal, A.A.S., Power, G.J. Object tracking by an optoelectronic inner product complex neural network 11576
Awwal, A.A.S., Power, G.J. Three-dimensional pattern recognition using an opto-electronic inner product complex neural network 35520
Awwal, A.A.S. *see* Alam, M.S. 35528
Axelrod, T.S. *see* Eeckman, F.H. 13604
Axelsson, B. *see* Hansson, B. 15802
Axelsson, O. On mesh independence and Newton-type methods 26371
Axenborg, J.E., Hirsh, I. A PC-based on-line system for physiological in vivo and in vitro experiments 7420
Axner, D.H. Migration options from 10BaseT 5566
Axner, D.H. Differing approaches to virtual LANs 37395
Axsmith, W.G., Bass, C. Overground method locates concentric-neutral corrosion 8025
Ay, B., Edelman, R. Automatic logic and timing model generation for cell based design 18688
Ay, H. 20 kW TV double transmitter with the new transmitter field bus system 30957
Aya, S., Marumoto, K., Yabe, H., Matsui, Y. Improvement of pattern and position accuracies by multiple electron beam writing for X-ray mask fabrication 11096
Aya, S. *see* Marumoto, K. 27856
Aya, S. *see* Trube, J. 27992
Ayache, N. *see* Gueziec, A. 45069
Ayache, N. *see* Nastar, C. 39020
Ayad, R. *see* O'Shaughnessy, K. 47008
Ayadi, F. *see* Hayes, J.F. 22622
Ayala, A. *see* Hasting, J.S. 39203
Ayame, Y. *see* Hara, O. 10608
Ayani, R. *see* Popescu, A. 14223
Ayanoglu, E., Chih-Lin I, Gitlin, R.D., Mazo, J.E. Diversity coding for transparent self-healing and fault-tolerant communication networks 21621
Ayanoglu, E., Gitlin, R.D., Oguz, N.C. Performance improvement in broadband networks using forward error correction for lost packet recovery 30525
Ayari, B., Kaminska, B. A new dynamic test vector compaction for automatic test pattern generation 34004
Ayasli, Y. *see* Katzin, P. 1598
Aydaraliev, M., Zotova, N.V., Karandashov, S.A., Matveev, B.A., Stus', N.M., Talalakin, G.N. Low-threshold long-wave lasers (λ=3.0-3.6 μm) based on III-V alloys 3614
Aydemir, M.T., Caldeira, P., Lipo, T.A., Murai, Y., da Silva, E.R.C., Ledwich, G. Utilization of a series resonant DC link for a DC motor drive 25880
Aydemir, M.T. *see* Murai, Y. 40549
Aydil, E.S., Gottscho, R.A. Plasma passivation of III-V semiconductor surfaces 42743
Aydil, E.S., Gregus, J.A., Gottscho, R.A. Multiple steady states in electron cyclotron resonance plasma reactors 10915
Aydil, E.S., Gregus, J.A., Gottscho, R.A. Electron cyclotron resonance plasma reactor for cryogenic etching 27671
Aydil, E.S. *see* Zhen-Hong Zhou 2163
Aydin, K. *see* Zrnic, D.S. 15995
Aydin, T. *see* Dincer, M.S. 43172
Aydinoglu, H. *see* Anarim, E. 30141
Ayed, R.Ben *see* Ben Ayed, R.
Ayers, D. The versatile world of OTAs 41682
Ayers, S.M. *see* Hall, D.B. 14922
Aygolu, U., Panayirci, E. Multilevel ternary line codes with trellis structure 36548
Aylett, B.J., Earwaker, L.G., Keen, J.M. Metallisation and silicidation of porous silicon 42791
Ayling, S.G. *see* Marsh, J.H. 3398
Aylor, J.H. *see* Bell, R.H., Jr. 18560
Aylor, J.H. *see* Gribble, B.R. 18663
Aylott, N. Distribution of multipoint capabilities in the B-ISDN 37584
Aymerich, X. *see* Martin, F. 19455
Aymerich, X. *see* Nafria, M. 1956
Ayotte, D.P. *see* Ready, P. 16542
Ayoub, G.T. A 3-D solder paste measurement technique 38699
Ayres, J.R. Characterization of trapping states in polycrystalline-silicon thin film transistors by deep level transient spectroscopy 2525
Ayres, J.R., Brotherton, S.D., Clarence, I.R., Dobson, P.J. Photocurrents in poly-Si TFTs 34953
Ayres, J.R., Young, N.D. Hot carrier effects in devices and circuits formed from poly-Si 34968
Aytur, O. *see* Kaz, A. 29006
Ayuso, A.J.R., Luna, J.C.S., Calle, V.E.S., Soler, J.M.L., Cordoba, J.L.P. The realization of a multi-pulse synthesizer for a text-voice convertor in Spanish 12991
Ayuso, A.J.R. *see* Luna, J.C.S. 12994
Ayuso, A.R. *see* Verdejo, J.E.D. 12988
Ayyash, S.A., Reichmeyer, F., Hariri, S., Jabbour, K. Distributed computing on an FDDI based network 14215
Ayyaswamy, P.S. *see* Jog, M.A. 42344
Ayzatskiy, N.I., Ostrovskiy, A.O. On the theory of the stability of steady-state modes of operation in a distributed self-excited oscillator system with external feedback 10007
Azadagan, F. Polarisation maintaining fibres and components 20305
Azamatov, Z.T., Mamatdzhanov, F.D., Rasulov, K.K., Tashpulatov, K.Z. Diffusion welding of piezoelectric transducers of acoustic optical devices 35512
Azar, K., Pan, S.S., Parry, J., Rosten, H. Effect of circuit board parameters on thermal performance of electronic components in natural convection cooling 40965
Azarbayejani, A.J., Galyean, T., Horowitz, B., Pentland, A. Recursive estimation for CAD model recovery 37043
Azarenkov, A.N., Al'tshuler, G.B., Belashenkov, N.R., Kozlov, S.A. Fast nonlinearity of the refractive index of solid-state dielectric active media 12337
Azarian, M.H., Bauer, C.L., Jhon, M.S. Tribology of thin-film media in both flying and sliding modes 2823
Azarian, M.H., Bauer, C.L., O'Connor, T.M., Jhon, M.S. Head-disk interaction in gas-lubricated slider bearings 2822
Azarian, M.H. *see* O'Connor, T.M. 2824
Azary, Z. *see* Wildnauer, K.R. 23486
Azcorra, A., Vazquez, E., Alvarez-Campana, M., Vinyes, J. Formal description techniques at work: an ISDN Q.931 implementation using LOTOS 14266
Azeddine, D. *see* Sato, Y. 8636
Azeem, A. *see* Park, D. 16263
Azeem, A. *see* Park, D. 16267
Azegami, M., Fujiyoshi, H. A systematic approach to intelligent building design 22399
Azema, A. *see* Aboudihab, I. 31239
Azema, P. *see* Drira, K. 37130
Azemard, H. *see* Henein, J. 14454
Azemard, N. *see* Moraes, F. 19989
Azemard-Crestani, N. *see* Deschacht, D. 10092
Azeredo Leme, C. *see* Castagnetti, R. 6436
Azevedo, H.R.De *see* De Azevedo, H.R.
Aziz, A. A scalable and efficient intra-domain tunneling mobile-IP scheme 45597
Aziz, A., Bonnaud, O., Lhermite, H., Raoult, F. Lateral polysilicon pn diodes: current-voltage characteristics simulation between 200 K and 400 K using a numerical approach 42842
Aziz, A., Diffie, W. Privacy and authentication for wireless local area networks 37455
Aziz, M.J. The mechanism of solid phase epitaxy 9572
Aziz, M.J. *see* Brunco, D.P. 6839
Aziz, M.V. FDDI— a step ahead in networking 22527
Aziz, S.M., Waller, W.A.J. On testability of differential split-level CMOS circuits 41825
Aziz, S.M. *see* Waller, W.A.J. 34020
Azkargorta, J. *see* Iparraguirre, I. 43762
Azli, N.A., Yatim, A.H.M. A comparison between phase-controlled and equal pulsewidth modulation (EPWM) rectifier based on supply and load performances 8513
Azorin, J. *see* Azziz, N. 24376
Azoulay, M. *see* George, M.A. 2108
Azoulay, M. *see* George, M.A. 10755
Azoulay, R. *see* Chertouk, M. 35031
Azoulay, R. *see* Hamida, A.B. 34518
Azoulay, R. *see* Oudar, J.L. 20947
Azoulay, R. *see* Raffle, Y. 18165
Azoulay, R. *see* Rivera, T. 35963
Azpiazu, L., Martinez, P., Garitagoitia, J.R., Di Pietro, R., Ortiz de Zarate, R. Transformer distribution station integrated protection and control 25608
Azubalis, V., Burba, A. Perspective electricity demand and management in Lithuania 24868
Azuma, H. *see* Chen, L. 16258
Azuma, H. *see* Ito, T. 27603
Azuma, J. *see* Itoh, F. 19613
Azuma, M., Yokoi, T., Shiiya, I., Shimizu, I. Stable a-Si:H fabricated from halogenous silane by ECR hydrogen plasma 33708
Azuma, M. *see* Fujimoto, T. 16293
Azuma, M. *see* Kawahashi, A. 33133
Azuma, M. *see* Scott, J.F. 43153
Azuma, T., Nakasugi, T., Oogi, S., Takigami, Y., Oyamatsu, H. Nanofabrication techniques for a 100 nm-scale tungsten polycide gate structure 27889
Azuma, Y., Shibata, Y., Tamura, S., Kuwaki, N. Non-destructive optical fiber amplitude modulator for optical talk system over 80 km 6005
Azuma, Y. *see* Yang, M. 46427
Azumai, Y. *see* Sato, H. 28980
Azyazov, V.N. New mechanism of heterogeneous relaxation of electron energy in the active medium of an oxygen-iodine laser 43736
Azyazov, V.N., Igoshin, V.I., Kuprianov, N.L. The O_2 vibrational population and mechanism of I_2-dissociation in oxygen-iodine laser 35662
Azzam, R.M.A. Multi-detector photopolarimeters for industrial optical sensing and metrology 6423
Azzam-ul-Asar, J.R., McDonald, J.R., Khan, M.I. A specification of neural network applications in the load forecasting problem 24854
Azzaro, C. *see* Tounsi, A. 9732
Azzerboni, B., Cardelli, E. Magnetic field evaluation for disk conductors 44242
Azzi, P. *see* Amidei, D. 46890
Azzini, G.A. *see* Montangero, P. 43608
Azzini, G.A. *see* Serra, L. 20843

Azziz, N., Azorin, J. Thermoluminescence neutron dosimetry in mixed fields 24376

B, J.C.Tellez *see* Tellez B, J.C.
Ba, B., Kane, M., Fickou, A., Sissoko, G. Excess minority carrier densities and transient short circuit currents in polycrystalline silicon solar cells 8772
Ba-Razzouk, A., Debebe, K., Rafesthain, T., Rajagopalan, V. SEMAS: a new simulation module for AC drive systems 25866
Baack, C., Walf, G. Photonics for future data transmission networks 23032
Baack, C., Walf, G. Photonics in future telecommunications 30743
Baan, J. *see* Steendijk, P. 31955
Baath, L.B. *see* Zhang, F.J. 38194
Baba, H., Kimura, H., Shimamoto, S., Onozato, Y. A note on an information network system employing a non-stationary small satellite 14536
Baba, K., Hayashi, K., Miyagi, M. Laser writing of submicrometre lines on copper island films 11571
Baba, K., Murata, M., Miyahara, H. Evaluation of end-to-end performance for data traffic in ATM networks 45275
Baba, K. *see* Iwata, Y. 7312
Baba, K. *see* Wakamiya, N. 22320
Baba, M. *see* Ito, N. 31797
Baba, M. *see* Ochiai, Y. 27834
Baba, N. *see* Masuda, H. 10933
Baba, N. *see* Saito, M. 28481
Baba, T., Yogo, Y., Suzuki, K. Low threshold 1.3 μm GaInAsP/InP circular planar buried heterostructure surface emitting lasers 20908
Baba, T., Yogo, Y., Suzuki, K., Koyama, F., Iga, K. First room temperature CW operation of GaInAsP/InP surface emitting laser 20855
Baba, T. *see* Kawanaka, M. 10823
Baba, T. *see* Matsuyama, T. 9687
Baba, T. *see* Matsuyama, T. 40462
Baba, Y., Segawa, S., Fukunaga, S., Shigemi, J., Ochi, H. High-density multilayer ceramic substrate 10592
Baba, Y., Yamamoto, H., Sasaki, T.A. Surface X-ray-absorption fine structures of SiO_x ($0<x<2$) and SiN_x ($0<x<4/3$) produced by low-energy implantation in Si(100) 10858
Baba, Y. *see* Ezaki, K. 11361
Baba, Y. *see* Ishitani, H. 48228
Baba, Z. *see* Moshref, A. 7722
Babaev, A.E., Savin, V.G. Operation of a cylindrical piezoelectric transducer shielded by an elastic shell in the reception of transient acoustic waves 39417
Babai, M. *see* Aurbach, D. 48081
Babaian, A.Z., Nazanian, A.E., Nikogossian, V.Ts., Tumanian, A.R., Zacharian, A.G., Ludmirski, E.A., Rummler, J. Septum magnet for electron extraction system at the synchrotron EPI 15398
Babak, L.I. Maximum amplifying properties of active circuits with feedback and calculation of microwave transistor amplifiers 19086
Babak, L.I. *see* Pokrovskii, M.Yu. 1558
Babakov, M.F., Savchenkov, N.V. Effectiveness of dual-polarization signals in adaptive suppression of interfering reflections 6099
Babakov, Yu.P. *see* Novikov, V.A. 25342
Babakov, Yu.P. *see* Novikov, V.A. 25761
Babakov, Yu.P. *see* Sergeyenko, N.M. 25753
Babalow, A.F., Savin, D.D., Slack, B. Power plant simulation. Desktop computer training for utility electrical operators 96
Baban, I., Kilchenmann, P. A modern test facility for large power electronics components 8519
Babanov, I.V., Glova, A.F., Lebedev, E.A. Generation properties of a long, single-pass diffusion CO_2 laser amplifier 28733
Babanov, Yu.E., Svetovoy, V.B. Mechanism of surface processes in silicon etching 27755
Babanskaya, I. *see* Kirscht, F.-G. 2006
Babanskaya, I. *see* Morgenstern, T. 18294
Babar, A.K. *see* Padmini, S. 16507
Babayan, G.E., Kokoulin, M.A., Ovsyannikov, G.A. Mutual synchronization of Josephson oscillations in junction networks with a finite capacitance value 20183
Babb, J. *see* Agarwal, A. 18772
Babb, M. Soft starters: a growing market for intelligent devices 25380
Babb, M. 'Self protected' motor starters communicate with PLCs 40082
Babba, B. *see* Abouzeid, P. 1129
Babbitt, W.R., Bell, J.A. Coherent transient continuous optical processor 44061
Babbs, C.F. *see* Hsu, J. 24224
Babentsov, V.N. *see* Sochinskii, N.V. 33631
Baber, C., Hone, K.S. Modelling error recovery and repair in automatic speech recognition 13013
Babi, J., Kern, H.P., Ott, H.P., Welsh, J., Tschuppert, B., Zbinden, K. New 110 kV substation for the city of Lucerne 32977
Babiak, R., Creagh, K., Kwan, Y.L., Orr, P., Panther, A., Randall, T., South, P. The role of electrical energy in a sustainable future 16496
Babiarz, A.J. Fluid dispensing in the nineties 27369
Babiarz, P.S. Intrinsically safe outputs made easy 26143
Babic, D.I., Chung, Y., Dagli, N., Bowers, J.E. Modal reflection of quarter-wave mirrors in vertical-cavity lasers 12188
Babic, D.I., Ram, R.J., Bowers, J.E., Tan, M., Long Yang Scaling laws for gain-guided vertical cavity lasers with distributed Bragg reflectors 44012
Babic, D.I. *see* Dudley, J.J. 20828
Babic, D.I. *see* Dudley, J.J. 28819
Babic, D.I. *see* Dudley, J.J. 43830
Babic, D.I. *see* Law, K.-K. 43498
Babic, D.I. *see* Schramm, J.E. 2125
Babic, H. *see* Mitra, S.K. 13406
Babic, R. The class-prototype extraction from finite number of input patterns as a generalization of their distortion-level ordering 29928
Babic, S. *see* Mahmutcehajic, R. 24598
Babich, E.D. *see* Callegari, A. 27942
Babich, F. Design of access protocols able to handle a mixed traffic on slotted channels 30245
Babich, F. Home network requirements. The ESPRIT HS proposal 45452
Babich, F. Contention resolution multiple access techniques for handling speech and data traffic on wireless networks 45851
Babichev, R.K., Babicheva, G.V., Zubkov, V.I., Ivanov, V.N. Radiation resistance of an asymmetric coplanar line with a single lateral ground plane located at the surface of a ferrite substrate magnetized parallel to the coplanar line conductors 29225
Babichev, R.K., Zubkov, V.I., Ivanov, V.N., Natkhin, I.I. Current density in nonsymmetrical coplanar lines, located on a magnetized semi-infinite ferrite 11504
Babichev, R.K., Zubkov, V.I., Ivanov, V.N., Natkhin, I.I. Integral equation for current density in system of coplanar conductors, exciting surface magnetostatic waves 11505
Babichev, R.K., Zubkov, V.I., Ivanov, V.N., Natkhin, I.I. Radiation resistance of nonsymmetrical coplanar lines, located on a longitudinally magnetized ferrite plate 43329
Babicheva, G.V. *see* Babichev, R.K. 29225
Babiloni, F. *see* Capitanio, L. 39065
Babin, S.A., Gershinskii, G.A., Eremenko, T.Yu., Timofeev, T.T., Khorev, S.V. Convex–concave resonator for mode selection in a large-bore laser 44017
Babin, S.A., Khorev, S.V., Kuklin, A.E., Yeremenko, T.Yu. Waveguide argon laser 12014
Babin, S.M., Miller, R.E., Rowland, J.R. A high-power, dual-frequency monostatic acoustic sounder for studying the atmospheric boundary layer 7610
Babin, S.V., Holopkin, A.I., Lyakhov, M.N., Valiev, K.A., Velikov, L.V., Zhikharev, E.N. Investigation of new dry high-sensitivity resist using 100 kV electron lithography 28043
Babina, N.I. *see* Ispirov, G.T. 28471
Babintsev, V.V., Vorob'ev, A.P., Eremchenko, E.N., Kistenev, E.P., Neushkin, A.A., Perelygin, V.F., Ryadovikov, V.N., Kholodenko, A.G. Energy and coordinate resolution of a nonsegmented electromagnetic calorimeter prototype 7210
Babkin, A.F., Lamekin, V.F., Shishigin, R.V., Shiptsov, V.V. A meter of an exponentially falling signal duration 6820
Babkin, D.Yu. *see* Ryabushkin, O.A. 3341
Babkin, S.E. *see* Komarov, V.A. 18386
Babkin, S.E. *see* Komarov, V.A. 41536
Babkina, T.V., Grigor'yants, V.V., Il'in, Y.B., Lobanov, A.A. Optical methods in new information technology: an acoustooptical spatial filter based on a coherent communications line 20505
Babkina, T.V., Grigor'yants, V.V., Il'in, Yu.B., Lobanov, A.A. An acousto-optical spatial filter based on a coherent communications line 28580
Bablet, J. *see* Bouchut, P. 12207
Babokin, G.I., Kolesnikov, E.B. Frequency-controlled induction drive for a haulage unit in the KSh1KGU cleaning combine 8918
Babokin, G.I., Kolesnikov, E.B., Rebenkov, E.S. Investigating the frequency start of induction drives in the operation of mining machines 9067
Babonneau, G. *see* Damm, G. 37548
Baboux, J.C. *see* El Guerjouma, R. 9847
Babu, B.N.S., Guella, T.P. Effect of antenna aircraft interaction on phased-array radar performance 23180
Babu, E.Suresh *see* Suresh Babu, E.
Babu, G.Phanendra *see* Phanendra Babu, G.
Babu, R.M.Suresh *see* Suresh Babu, R.M.
Babucci, E. *see* DiBitonto, D. 31722
Babusci, D. *see* D'Angelo, A. 6943
Baca, A. Examples of Monte Carlo methods in reliability estimation based on reduction of prior information 41025
Baca, A.G. *see* Bartram, M.E. 11022
Baca, A.G. *see* Hjalmarson, H.P. 28629
Baca, A.G. *see* Shul, R.J. 27770
Bacal, M., Courteille, C., Leroy, R., Stern, R.A. Beam intensity and brightness in H^- and D^- hybrid sources: measurement of basic parameters 46826
Bacal, M. *see* Courteille, C. 15597
Bacal, M. *see* Courteille, C. 46816
Bacal, M. *see* Cowan, R.G. 46728
Bacal, M. *see* Skinner, D.A. 38822
Bacalao, A. *see* Gonzalez, V. 32761
Baccaglioni, G. *see* Acerbi, E. 15541
Baccar, M., Abidi, M.A. Fusion of multi-scale edge maps for robust segmentation of range images 5070
Baccarani, G. *see* Gnudi, A. 28103
Baccarani, G. *see* Verzellesi, G. 34918
Baccarini, L., Biscevic, G., Chiesa, F., Miletic, A. Error-correction techniques and adaptive linearization in SDH radio 14416
Baccelli, F., Massey, W.A., Wright, P.E. Determining the exit time distribution for a closed cyclic network 37095
Baccelli, F. *see* Altman, E. 45283
Baccetti, B., Taverna, M., Bellini, S., Salvini, G. High capacity digital radio with trellis coding 37720
Bacchetta, M., Bacci, L., Iazzi, N., Liles, I., Zanotti, L. A SOG based planarization scheme compatible with a stacked via multi-level metal process 19662
Bacchetta, N., Bisello, D., Canali, C., Da Ros, R., Fuochi, P.G., Fusaro, G., Giraldo, A., Gotra, Y., Paccagnella, A., Verzellesi, G. Radiation tolerance of the FOXFET biasing scheme for AC-coupled Si microstrip detectors 38865
Bacchetta, N., Bisello, D., Canali, C., Da Ros, R., Giraldo, A., Gotra, Y., Paccagnella, A., Piacentino, G.M., Verzellesi, G. FOXFET biased microstrip detectors: an investigation of radiation sensitivity 46842
Bacchetta, N. *see* Amidei, D. 46890
Bacchetta, N. *see* Tkaczyk, S. 46989
Bacci, C. *see* Belli, P. 7236
Bacci, C. *see* Bencze, G.L. 38858
Bacci, C. *see* Morosanu, C. 31771
Bacci, L. *see* Bacchetta, M. 19662
Bacelar, J.C.S. *see* Buda, A. 7291
Bach, C., Richter, S. Performance evaluation of an ATM-based high-speed slotted ring network 30295
Bach, D. First GT8C heads for Martinlaakso 16696
Bach, E., Driscoll, J., Shallit, J. Factor refinement 582
Bach, R., Craatz, P., Kalkner, W., Krefter, K.-H., Oldehoff, H., Ritter, G. Voltage tests for the assessment of medium-voltage cable installations 7952
Bach, R., Kalkner, W., Oldehoff, H. Loss factor measurement at 0.1 Hz on PE/XLPE cable installations which have aged in operation 7953
Bach, W. *see* Alhaus, R. 25226
Bach, W. *see* Iglhaut, B. 44470
Bacha, A. *see* Sauget, P. 44406
Bache, B.W. *see* Amin, M.H.G. 7637
Bachelard, H.S. *see* Morris, P.G. 47055
Bachelet, B., Riff, R., Marchesin, A. ALCATEL 4400: broadband PABX 45715
Bachelier, E., Schaffarczyk, A. Selection criteria for gas-insulated medium voltage switchgear 8684
Bachelot, F. *see* Jaisson, D. 34237
Bachelu, C., Lefebvre, M. A study of the use of local interconnect in CMOS leaf cell design 35070
Bachem, E., Dax, A., Fink, T., Weidenfeller, A., Schneider, M., Urban, W. Recent progress with the CO-overtone $\Delta v=2$ laser 3445
Bachem, K.H. *see* Leier, H. 27249
Bachem, K.H. *see* Pletschen, W. 11897
Bacher, G., Forchel, A., Waag, A., Landwehr, G. Room temperature stimulated emission from a CdTe/CdMgTe superlattice laser structure in the red spectral range 43921
Bacher, K. *see* Lodenkamper, R. 12381
Bacher, P., Dujeu, B. The French nuclear electricity program in 1992 25123
Bacher, P., Dujeu, B. French nuclear power in the Europe of today 32546
Bachir, S., Kossanyi, J., Ronfard-Haret, J.C. Electroluminescence of Ho^{3+} ions in a ZnO varistor-type structure 35566
Bachl, R. *see* Ko, C.C. 29692
Bachler, J., Bartke, J., Bialkowska, H., Bock, R., Brockmann, R., Buncic, P., Chase, S.I., Derado, I., Eckardt, V., Eschke, J., Ferenc, D., Fleischmann, B., Fuchs, M., Gazdzicki, M., Gebauer, H.J., Gladysz, E., Harris, J.W., Heck, W., Hoffmann, M., Kabana, S., Kadija, K., Keidel, R., Kosiec, J., Kowalski, M., Kuhmichel, A., Lahanas, M., Lee, Y., Le Vine, M., Ljubicic, A., Jr., Margetis, S., Nappi, E., Odyniec, G., Paic, G., Panagiotou, A.D., Petridis, A., Pfennig, J., Piper, A., Posa, F., Puhlhofer, F., Rai, G., Rauch, W., Renfordt, R., Rohrich, D., Rothard, H., Runge, K., Sandoval, A., Schmidt, E., Schmitz, N., Schmoetten, E., Schneider, I., Seyboth, P., Seyerlein, J., Skrzypcak, E., Stock,

R., Strobele, H., Teitelbaum, L., Thomas, A., Tonse, S., Vasileiadis, G., Vesztergombi, G., Vranic, D., Wenig, S. Study of particle spectra with an optically readout RICH detector in the NA35 experiment 46934
Bachler, J., Buncic, P., Bock, R., Di Mauro, A., Heck, W., Hoffmann, M., Koncul, M., LeVine, M., Ljubicic, A., Jr., Nappi, E., Paic, G., Panagiotou, A., Posa, F., Roland, G., Runge, K., Sandoval, A., Scognetti, T., Schmoetten, E., Stock, R., Tomasicchio, G., Vasileiadis, G., Vranic, D., Wensveen, M. Reconstruction of Cherenkov rings in imaging detectors 46915
Bachman, D.A. *see* Leung, K.N. 7143
Bachman, D.A. *see* Leung, K.N. 38833
Bachman, D.A. *see* Young, A.T. 46825
Bachmann, C.M., Musman, S.A., Schultz, A. Classification of simulated radar imagery using lateral inhibition neural networks 4886
Bachmann, K.J. Lattice-matched heteroepitaxy of wide gap ternary compound semiconductors 782
Bachmann, K.J. *see* Jiang Liu 27691
Bachmann, K.J. *see* Kelliher, J.T. 18189
Bachmann, K.J. *see* Kelliher, J.T. 41383
Bachmann, K.T. *see* Auchincloss, P.S. 46953
Bachmann, K.T. *see* Kinnel, T.S. 38880
Bachmann, T. *see* Rottschalk, M. 35472
Bachmann, T. *see* Wendler, E. 27634
Bachu, S., Gunter, W.D., Perkins, E.H. Aquifer disposal of CO_2: hydrodynamic and mineral trapping 47708
Bachurin, A.E., Mironov, M.K., Stezhka, P.N. Use of photocells for checking the antenna position during solar radio emission observations 46154
Baciocchi, M. *see* Di Fabrizio, E. 27925
Baciocchi, M. *see* Gentili, M. 27982
Baciocchi, M. *see* Luciani, L. 27926
Bacis, R. *see* Bouvier, A.J. 12001
Bacis, R. *see* Bouvier, A.J. 12013
Back, B. *see* Davids, C.N. 24115
Backbom, L. *see* Oberg, M. 28686
Backbom, L. *see* Oberg, M. 43929
Backe, H., Barth, H., Balzhauser, M., Bonn, J., Degen, B., Fleischmann, L., Leiderer, P., Moore, R.B., Otten, E.W., St. Schneller, Przyrembel, M., Weinheimer, C. Future perspectives of the Mainz Neutrino Mass Experiment 47013
Backes, R. *see* Witte, F.-O. 1255
Backlund, T. *see* Lindahl, O.A. 7326
Backmann, C. *see* Kalinchik, W.P. 47393
Backstrom, M. *see* Dagys, M. 31404
Backstrom, M.G. *see* Ljung, S.P.O. 44413
Backus, S., Asaki, M.T., Shi, C., Kapteyn, H.C., Murnane, M.M. Intracavity frequency doubling in a Ti:sapphire laser: generation of 14-fs pulses at 416 nm 44099
Bacon, D.D. *see* Lau, M.Y. 331
Bacon, D.D. *see* Lee, C.H. 43878
Bacon, D.F. Testing and comparison of topographic databases 36216
Bacon, D.F. *see* Wan, K.W. 30617
Bacon, D.R. *see* Chivers, R.C. 24535
Bacon, R.R. *see* Klontz, K.W. 8948
Bacquet, G. *see* Maaref, H. 11817
Bacquet, Y. *see* Bertru, N. 41323
Bacrania, K.L. *see* Karanicolas, A.N. 27019
Bacsa, R., Ravindranathan, P., Dougherty, J.P. Hydrothermal synthesis of barium titanate thin films on titanium metal substrates 9693
Badaev, S.V. *see* Leiderman, A.Yu. 40480
Badalyan, V.G., Bazulin, E.G., Bychkov, I.V., Vopilkin, A.Kh., Kaplun, S.M., Lomakin, A.V., Pentyuk, M.V., Ruben, E.A., Tikhonov, D.S., Shtern, A.M. A computerized system for testing and certifying Avgur 2.2 ultrasonic nondestructive test transducers 18388
Badalyan, V.G., Bazulin, E.G., Vopilkin, A.K., Kaplun, S.M., Lomakin, A.V., Pentyuk, M.V., Ruben, E.A., Tikhonov, D.S., Shtern, A.M. AVGUR 3.1 computerized ultrasonic flaw detector 18346
Badalyan, V.G., Vopilkin, A.Kh. Computer systems for ultrasonic nondestructive testing 41521
Badan, L. *see* Palmieri, V. 15512
Badar-Goffer, R.S. *see* Morris, P.G. 47055
Badawi, A.S. *see* Kadah, Y.M. 7353
Badcock, J.M., Jarvis, R.A. Wire-frame modelling of polyhedral objects from rangefinder data 30922
Baddeley, R.W. Two-arc transitive graphs and twisted wreath products 529
Baddipudi, S. *see* Pierce, B.L. 34329
Baddour, R. *see* Maingot, S. 8740
Baddourah, M. *see* Gupta, V. 41216
Baddourah, M.A. *see* Qin, J. 41215
Baden, C.C.E. *see* Willard, C. 5821
Badent, R. *see* Irmisch, M. 2710
Bader, B. *see* Hirtz, G. 6228
Bader, B. *see* Weigel, R. 1301
Bader, F.E. *see* Clech, J.-P. 34375
Bader, F.E. *see* Clech, J.-P. 41017
Bader, F.E. *see* Noctor, D.M. 40945
Bader, G., Przywara, B. T9000—a preliminary evaluation of arithmetic performance 1270
Bader, G. *see* Le Quang Nguyen 35483
Bader, M.G. *see* Biddulph, R.H. 26540
Bader, S., Flinn, P.A., Arzt, E., Nix, W.D. Dispersion strengthening of Al films by oxygen ion implantation 34824
Bader, S. *see* Kraft, O. 34806
Bader, S.K. *see* Susak, D.M. 37718
Bader, V.A. *see* Ryabushkin, O.A. 3341
Baders, S. *see* Besser, P.R. 34825
Badertscher, A., Bogdan, M., Goudsmit, P.F.A., Knecht, L., Leisi, H.J., Schroder, H.Ch., Sigg, D., Zhao, Z.G., Chatellard, D., Egger, J.-P., Jeannet, E., Aschenauer, E.C., Gabathuler, K., Simons, L.M., Rusi El Hassani, A.J. A high resolution reflecting crystal spectrometer to measure 3 keV pionic hydrogen and deuterium X-rays 7311
Badessi, S. *see* LaFlame, D. 12766
Badessi, S. *see* Mizzoni, R. 29402
Badger, D., Pugel, M., Grubbs, G., Elliott, T., Wignot, L., Holbrook, G., Selwa, P., Lehmann, W. The integration of tuner and main chassis in a TV receiver—a system solution 14771
Badgwell, T.A., Trachtenberg, I., Edgar, T.F. Modeling the wafer temperature profile in a multiwafer LPCVD furnace 18287
Badhwar, G.D. *see* Braby, L.A. 47144
Badilini, F., Merri, M., Benhorin, J., Moss, A.J. Beat-to-beat quantification and analysis of ST displacement from Holter ECGs: a new approach to ischemia detection 15885
Badin, J.S. *see* Schoenung, S.M. 33086
Bado, P. *see* Rudd, J.V. 12086
Badolo, M., Emplit, P. Anomalous dispersion in multimode optical fibers at 1100 nm 28454
Badoni, V. *see* Kiamilev, F. 5671
Badoz, P.A. *see* Guldner, Y. 10726
Badoz, P.A. *see* Sagnes, I. 15028
Badr, M.A.L., Mahrous, S., Eteiba, M.B. Loss of field solid state relay for protection of synchronous machines 8317
Badran, F. *see* Thiria, S. 24498
Badran, H.F., Mouftah, H.T. Input-output-buffered broad-band packet-switch architectures with correlated input traffic 5164
Badran, S.M., Choudhry, M.A. Design of modulation controllers for AC/DC power systems 32292
Badrinath, B.R. *see* Acharya, A. 45576
Badrinath, V. *see* Dijkerman, R. 13331
Badrinath, V. *see* Mazumdar, R. 17994
Badwal, S.P.S., Foger, K. Status of SOFC development in Australia 17326
Badziak, J., Jablonski, S. Generation of picosecond pulses by fast periodic *Q*-switching in KrF excimer laser with saturable absorber 12024
Badzian, A.R. *see* Grot, S.A. 10910
Bae, B.S., Jung, S.H., Kang, H.M., Sohn, J.H. Hydrogenated amorphous silicon thin film transistor fabricated by n+ anodization 34994
Bae, I.T. *see* Feddrix, F. 17297
Bae, I.T. *see* Sarangapani, S. 17302
Bae, J.J. *see* Takahashi, K. 30448
Bae, J.W., Temkin, H., Parsons, C., Quinn, W.E., Brusenbach, P., Kim, M., Uchida, T., Swirhun, S.E. Photocurrent spectroscopy of Bragg mirrors in vertical cavity surface emitting lasers 28806
Bae, J.W., Temkin, H., Swirhun, S.E., Quinn, W.E., Brusenbach, P., Parsons, C., Kim, M., Uchida, T. Reflection noise in vertical cavity surface emitting lasers 3626
Bae, J.W., Temkin, H., Swirhun, S.E., Quinn, W.E., Brusenbach, P., Parsons, C., Kim, M., Uchida, T. Reflection noise in vertical-cavity surface-emitting lasers 28816
Bae, M., Kim, U., Ryoo, G., Whang, H. An effective storage method during a sampling of speech signals 29540
Bae, M., Lee, M., Lee, H. On detecting the steady state segments of phonemes by using the magnitude distribution of speech waveforms 29541
Bae, M., Lee, M., Min, K., Ann, S. On the predictor for the waveform coding of speech signals by using the dual first order difference values 29539
Bae Chang Joon *see* Chang Joon Bae
Bae Gwi-Nam *see* Gwi-Nam Bae
Bae Hankyung *see* Hankyung Bae
Bae In Tae *see* In Tae Bae
Bae Jongsuck *see* Jongsuck Bae
Baechler, J., Buncic, P., Bock, R., Di Mauro, A., Weck, W., Hoffman, M., Le Vine, M., Ljubicic, A., Jr., Nappi, E., Paic, G., Panagiotou, A., Posa, F., Roland, G., Runge, K., Sandoval, A., Scognetti, T., Schmoetten, E., Stock, R., Tomasicchio, G., Vasileiadis, G., Vranic, D. An optical readout RICH detector for the NA35 heavy-ion experiment 46909
Baecker, R.M. *see* Harrison, B.L. 5613
Baehr, R. *see* Aubin, J. 25519
Baek, D.H., Kang, H., Chung, J.W. Interaction of slow N_2^+ ions with the Si(001) surface: a combined photoemission and LEED study 34779
Baek, K.K. *see* Solorzano, I.G. 10675
Baek Jong-Tae *see* Jong-Tae Baek
Baek-Haeng Lee *see* Yoon-Ho Kim 16904
Baenziger, M.A., James, W.D., Wouters, B., Li, L. Dynamic loads on transmission line structures due to galloping conductors 47559
Baer, M., Suter, I., Sieling, P. Managing the Swiss telephone network 37362
Baer, R.L., Flory, C.A., Tom-Moy, M., Solomon, D. STW chemical sensors 14950
Baer, T. *see* Hutchison, S.B. 20719
Baer, W., Akin, J.R. New approach for Earth surface modeling for real-time rendering perspective views 7585
Baere, P.De *see* De Baere, P.
Baerendtsen, H.D. *see* Larsen, J.G. 2878
Baeriswyl, E. *see* Mizuguchi, J. 20289
Baers, L.B., Rivero Gutierrez, T., Carrillo Mendoza, R.A., Jimenez Santana, G. Use of higher order signal moments and high speed digital sampling technique for neutron flux measurements 25155
Baert, K. *see* Caymax, M. 42622
Baert, K. *see* Sugawara, T. 6690
Baert, L. *see* Wevers, M. 18370
Baets, J.De *see* De Baets, J.
Baets, R. *see* Sato, K. 35794
Baets, R.G., David, K., Morthier, G. On the distinctive features of gain coupled DFB lasers and DFB lasers with second-order grating 12165
Baev, V.M. *see* Bohm, R. 20681
Baev, V.P., Berezin, G.L., Buyanov, Yu.L., Trifonov, E.S. Composite current lead for low-temperature solenoid 8784
Baeva, M.G., Atanasov, P.A. Numerical model of an axial fast-flow CO_2 laser with controlled turbulence 11965
Baez-Lopez, D.J.M., Ramirez-Cortes, J.M. Direct determination of the coefficients of Chebyshev polynomials and other considerations 10258
Bafail, A.Omer *see* Omer Bafail, A.
Baffier, N. *see* Maingot, S. 8740
Bafleur, M., Givelin, P., Vidal, M.P., Siskos, S., Macary, V. Thermal shutdown CMOS circuits for smart power applications 9947
Bafleur, M. *see* Givelin, P. 1034
Bafutto, M., Kuhn, P.J., Willmann, G. Modelling and performance analysis of common channel signalling networks 5256
Bagaev, S.N. *see* Kaminskii, A.A. 3498
Bagaev, S.N. *see* Kaminskii, A.A. 28785
Bagatin, M., Desideri, D., Toigo, V. The power supply system for Langmuir probes on RFX 25546
Bagautdinov, I.R. *see* Bazhanov, Yu.V. 15070
Bagautdinov, I.R. *see* Martsinovskii, V.A. 14662
Bagby, J.S., Ching-Her Lee, Nyquist, D.P., Yi Yuan Identification of propagation regimes on integrated microstrip transmission lines 34214
Bagchi, K. *see* Yeh, G.K. 36781
Bagchi, K. *see* Schwetman, H. *(editor)* 17662
Bagchi, K.K. *see* Koch, P. 26978
Bagchi, T., Das, S.K. An efficient hybrid heuristic for the gate matrix layout problem in VLSI design 43111
Bagdasarov, S. *see* Budagov, J. 46955
Bagdasarov, V.Kh. *see* Alpatov, V.P. 47119
Bagdasarov, V.Kh. *see* Skolbelkin, O.K. 47118
Bagdonavicius, V. *see* Adomenas, V. 38236
Baggaley, J. *see* Mellor, J. 5504
Bagge, L., Danared, H., Ehrnsten, K., Herrlander, C.J., Hilke, J., Nilsson, A., Rensfelt, K.-G. The vacuum system of CRYRING 15311
Bagge, L. *see* Abrahamsson, K. 15584
Baggen, C.P.M.J., Wolf, J.K. On band-limited additive Gaussian noise channels in the presence of sampling jitter 12804
Baggen, L.C.J., Jeronimus, C.J.J., Herben, M.H.A.J. The scan performance of the Fresnel-zone plate antenna: a comparison with the parabolic reflector antenna 4279
Baggen, P.M.J. *see* de Bot, P.G.M. 30953
Baggen, S. *see* van Linden, O.L. 12821
Bagger, C., Henneso, E., Mogensen, M. Testing of single solid oxide fuel cells by DC and AC techniques 17280
Baggerman, J.A.G., Visser, R.J., Collart, E.J.H. Ion-induced etching of organic polymers in argon and oxygen radio-frequency plasmas 27836
Baggeroer, A.B. Matched field processing: source localization in waveguides 30928
Baggeroer, A.B., Kuperman, W.A., Mikhalevsky, P.N. An overview of matched field methods in ocean acoustics 44879
Baghai, A.A., Divall, J. Cost effective solutions for coverage enhancement 22881
Baghai-Wadji, A.-R. *see* Jakoby, B. 27201
Baghai-Wadji, A.R. *see* Reichinger, H.P. 2752
Baghai-Wadji, A.R. *see* Zidek, H.P. 2753
Bagheri, M., Kong, D.T., Holden, W.S., Irizarry, F.C., Mahoney, D.D. An STS-N byte-interleaving multiplexer/scrambler and demultiplexer/descrambler architecture and its experimental OC-48 implementation 5909
Bagherzadeh, N. *see* Gray, J. 41937
Bagiana, F. Tomorrow's space: journey to the virtual worlds 24391
Bagini, V. *see* Schirripa Spagnolo, G. 12491
Baginski, T.A. Characterization of a nonohmic RF-insensitive solid-state ignition element 35037
Baglikov, V.B. *see* Parygin, V.N. 20391
Bagnasco, E. Management of the distribution network [telecommunication] 22438
Bagnoli, P.E. *see* Piccirillo, A. 10950

Bagnoud, C., Acklin, B., Collings, N. Use of bistable GaAs Fabry-Perot devices as all-optical logic gates 3260
Bagotzky, V.S. Researches in the field of lithium batteries in the CIS 17166
Bagotzky, V.S. *see* Volfkovich, Yu.M. 48044
Bagotzky, V.S. *see* Volfkovich, Yu.M. 48045
Bagraev, N.T., Chaikina, E.I., Klyachkin, L.E. Non-equilibrium impurity diffusion in silicon and silicon carbide 19502
Bagraev, N.T., Klyachkin, L.E., Sukhanov, V.L. Low temperature impurity diffusion in SiC: planar quantum-size p-n junctions and n-p-n transistor structures 10826
Bagraev, N.T., Klyachkin, L.E., Sukhanov, V.L. Gettering in silicon under vacancy generation conditions 19481
Bagratashvili, V.N., Lobastov, V.A., Zherikhin, A.N., Petnikova, V.M., Shuvalov, V.V. Ultrafast relaxation in Y-Ba-Cu-O and Ni thin films studied by nonlinear spectroscopy technique 21024
Bagratashvili, V.N. *see* Vereshchagina, L.N. 18297
Bagshaw, B. Bruce 'B' Valve Improvement Program 16560
Bagshaw, B.W. *see* Aikin, J.A. 16613
Bagshaw, P.C. An investigation of acoustic events related to sentential stress and pitch accents, in English 13069
Bagshaw, P.C. An investigation of acoustic events related to sentential stress and pitch accents, in English 29510
Bague, P., Morizot, J.P., Desgardin, G. Evidence for the phenomenon of carburization-decarburization of tungsten carbide 27406
Bah, S., Quezel, G., Benech, P., Ngalamou, L., Legrand, J.F. Effect of compressive stress on a composite resonator based on PVF_2 11407
Baha, B. The control of quasi-resonant converters 17068
Baha, B. Analysis of quasi-resonant converters using a state plane method 33892
Bahadur, L., Rao, T.N., Pandey, J.P. Extension of the spectral response of sprayed ZnO thin film electrodes induced by nickel and cobalt doping 34647
Bahar, E. Transformation of Rice's small perturbation results for rough surface scattering into a comprehensive single scatter solution that includes physical and geometrical optics 4071
Bahar, E., Kubik, R.D. Simulation of high resolution radar polarimetric images—unified full wave approach 30919
Bahar, E., Kubik, R.D. Tilt modulation of high resolution radar backscatter cross sections: unified full wave approach 36198
Baharev, S.I. *see* Tikhonravova, L.V. 28392
Bahavar, B., Chaudhry, M.I., McCluskey, R.J. Effects of propane and methane on carbonization and surface morphology in heteroepitaxial growth of β-SiC films on (100) Si via chemical vapor deposition 765
Bahavar, B., Chaudhry, M.I., McCluskey, R.J.M. Hetero-epitaxial growth of SiC films by CVD from silane, methane, propane, and hydrogen mixtures 9575
Bahder, T.B. *see* Tober, R.L. 1880
Baher, H., Afifi, E. A novel switched-capacitor cascade structure for sigma-delta-converters 18825
Baher, H., Beneat, J. Design of analog and digital data transmission filters 18843
Bahgat, S.F. *see* El Rayess, D.M. 29781
Bahgat, S.F. *see* Ghoniemy, S. 12793
Bahir, G. *see* Fraenkel, A. 46443
Bahir, G. *see* Maayan, E. 26433
Bahl, I. *see* Willems, D. 1407
Bahl, I.J., Stuchly, S.S. Closed-form expressions for computer-aided design of microstrip ring antennas 12746
Bahl, L.R., Bellegarda, J.R., de Souza, P.V., Gopalakrishnan, P.S., Nahamoo, D., Picheny, M.A. Multonic Markov word models for large vocabulary continuous speech recognition 4482
Bahl, L.R., Brown, P.F., de Souza, P.V., Mercer, R.L., Picheny, M.A. A method for the construction of acoustic Markov models for words 44761
Bahl, L.R. *see* Bellegarda, J.R. 13116
Bahl, R. Compact sonar system design—a case study 14725
Bahl, R. *see* Sudhir, G. 13715
Bahl, S.R., del Alamo, J.A., Dickmann, J., Schildberg, S. Physics of breakdown in InAlAs/InGaAs MODFET's 28187
Bahnck, D. *see* Ross, F.M. 34912
Bahnmaier, A.H., Jones, H. The mechanism of the CW sodium-vapor/hydrogen laser 3444
Bahr, A. *see* Kunisch, J. 1493
Bahr, D. *see* Muller, M. 2022
Bahr, J., Brenner, K.-H., Moisel, J., Singer, W., Sinzinger, S., Spick, T., Testorf, M. Diffusion elements in glass: comparison and optimization of the diffusion response in different substrates 11796
Bahr, J. *see* Vasil'ev, A.V. 7211
Bahr, J.L. *see* Sarkar, M.N.I. 23502
Bahr, K. Delivering pay TV—the MDS way 46162
Bahr, R.K., Bucklew, J.A. Quick simulation of detector error probabilities in the presence of memory and nonlinearity 21841
Bahram, N.K. BiCMOS: a viable alternative to bipolar 28288
Bahram-pour, A.R., Bolorizadeh, M.A., Ilaghi, M., Hashemi, S.A., Jazebi, J., Karimy, M.A. A double grid corona discharge TEA CO_2 laser 11975
Bahram-pour, A.R. *see* Shojaei, M. 20622
Bahram-pour, A.R. *see* Shojai, A. 11976
Bahrami, M., Honary, B. Combined source and block-coded modulation technique for data transmission 5305
Bahrdt, J., Wustefeld, G. A Taylor-expanded generating function for particle motion in arbitrary magnetic fields 7032
Bahret, W.F. The beginnings of stealth technology 23158
Bahsoun, S.M., Fishman, D.A., Nagel, J.A. WDM applications for optically amplified systems 3519
Bahuguna, R.D., Khajehnouri, K. An improved processing technique for dichromated gelatin holograms 3914
Bai, C. *see* Song, F. 36879
Bai, G.R., Chang, H.L.M., Foster, C.M. Preparation of single-crystal $Y_3Al_5O_{12}$ thin film by metalorganic chemical vapor deposition 41450
Bai, L. *see* Adams, W.A. 48386
Bai, Z. Error analysis of the Lanczos algorithm for the nonsymmetric eigenvalue problem 41159
Bai, Z., Demmel, J.W. Computing the generalized singular value decomposition 599
Bai Baodong *see* Xie Dexin 3990
Bai Bor-Long *see* Bor-Long Bai
Bai Gang *see* Gang Bai
Bai Jian-Guo, Jian De, Zhao Si-Hua Intelligent processing of information on measurement 31144
Bai Jintao *see* Jintao Bai
Bai Ruidong *see* Deng Jixiang 32184
Bai Shwang-Shi *see* Shwang-Shi Bai
Bai Son Yong *see* Yong Bai Son
Bai Tiecheng *see* Zheng Fang 18309
Bai Ying-Wen *see* Ying-Wen Bai
Bai Yingxin *see* Yingxin Bai
Bai-Yu Jiang *see* Jiang Bai-Yu
Baiborodin, Yu.V., Dyadin, S.S., Lyadenko, A.F., Mashchenko, A.I., Ul'yanov, I.A., Fatin, Yu.L. Noncoherent fiber-optic gyroscope with ring resonator 15050
Baibusinov, S.O. *see* Aulchenko, V.M. 7220
Baican, R. *see* Michel, R.P. 29139
Baidus, N.V. *see* Karpovich, I.A. 34760
Baier, A., Panzer, H. Multi-rate DS-CDMA radio interface for third-generation cellular systems 22913
Baier, G., Schule, V., Vogel, A. Non-nernstian zirconia sensors for combustion control 6652
Baier, G. *see* Schule, V. 6620
Baier, G. *see* Vogel, A. 6666
Baier, P.W., Felhauer, T., Klein, A., Mammela, A. Survey of linear block estimation algorithms for the detection of spread spectrum signals transmitted over frequency selective channels 5719
Baier, P.W. *see* Edrich, M. 37779
Baier, P.W. *see* Felhauer, T. 5792
Baier, P.W. *see* Jung, P. 5783
Baier, P.W. *see* Klein, A. 5768
Baier, P.W. *see* Klein, A. 30646
Baier, P.W. *see* Klein, A. 37774
Baier, P.W. *see* Steiner, B. 30631
Baier, V.N., Chehab, R., Katkov, V.M. On a possibility of using crystals for the production of polarized positrons at high energies 31614
Baifei Shen *see* Shen Baifei
Baigger, P. *see* Bonicelli, T. 1065
Baigger, P. *see* Bonicelli, T. 8580
Baihui Gan *see* Gan Baihui
Baik, K.H. *see* Gogolides, E. 28035
Baik, K.H. *see* Ronse, K. 28009
Baik, M. *see* Hsu, T.-Y. 2381
Baik Heung Ki *see* Heung Ki Baik
Baik Ki-Ho *see* Ki-Ho Baik
Baikie, I.D., Bruggink, G.H. Characterization of surface preparation methods using a novel scanning Kelvin probe 33775
Baikie, I.D., Bruggink, G.H. Characterization of oxides and thin films [work function topography] 38666
Bailey, A. *see* Bridger, K. 17416
Bailey, A.D., Jr. *see* Chang, A.-M. 17771
Bailey, A.E. *(editor)* URSI register of national standards laboratories for electromagnetic metrology 18
Bailey, A.G. British Standard relating to static due to material handling 36115
Bailey, B. *see* Perez, R. 47809
Bailey, B.H., Doty, J.R., III, Perez, R., Stewart, R., Donegan, J.E. Evaluation of a demand side management photovoltaic system 32793
Bailey, C.W., Jr. *see* Gunning, K. 22598
Bailey, D., Bandyopadhyay, D., Benard, F., Bhadra, S., Chlebana, F., Crombie, M., Hartner, G., Orr, R.S., Sampson, C., Teuscher, R. Online background reduction in the ZEUS third level trigger 38920
Bailey, D., Bandyopadhyay, D., Benard, F., Bhadra, S., Chlebana, F., Crombie, M., Orr, R.S., Sampson, C., Teuscher, R. The ZEUS third level trigger hardware architecture and the control system 38919
Bailey, D.A. Improved cooling of electronic equipment from the use of a diffuser 377
Bailey, D.A., Stimple, J.R. Optical spectrum analyzers with high dynamic range and excellent input sensitivity 23485
Bailey, D.K. *see* Groves, T.R. 2301
Bailey, D.L. *see* Townsend, D.W. 15764
Bailey, D.W., Dougal, R.A., Hudgins, J.L. A streamer propagation model for high gain photoconductive switching 28634
Bailey, H.S. *see* Josloff, A.T. 7548
Bailey, J. *see* Weber, E.R. 19483
Bailey, J.A. Use of software and computers in calibration and certifications 46280
Bailey, J.K. *see* Zhang, Y. 786
Bailey, M. *see* Amidei, D. 46890
Bailey, M. *see* Bedeschi, F. 38912
Bailey, M.C. *see* Shively, D.G. 29317
Bailey, M.L. A delay-based model for circuit parallelism 26802
Bailey, M.W. *see* Tkaczyk, S. 46989
Bailey, N.J., Purvis, A., Bowler, I.W., Manning, P.D. Applications of the phase vocoder in the control of real-time electronic musical instruments 14859
Bailey, R., Bohl, T., Bordry, F., Burkhardt, H., Cornelis, K., Collier, P., Desforges, B., Faugier, A., Hatton, V., Lamont, M., Miles, J., de Rijk, G., Schmickler, H. Three years operational experience with LEP 15273
Bailey, R., Jowett, J.M., Kalbreier, W., Mertens, V., Poole, J., de Rijk, G. Experimental studies of pretzel beam dynamics in LEP 7041
Bailey, R.B. *see* Kozlowski, L.J. 31285
Bailey, R.B. *see* Kozlowski, L.J. 46502
Bailey, R.J. *see* Donnelly, J.P. 28870
Bailey, S.G. *see* Hakimzadeh, R. 8764
Bailey, S.G. *see* Landis, G.A. 19551
Bailey, V., Janicki, G.C., Haulik, T. *(editors)* 38th International SAMPE Symposium. Advanced Materials: Performance Through Technology Insertion 40764
Bailey, W. *see* George, M. 34653
Bailing Yang *see* Yang Bailing
Bailleul, G. *see* Monich, M. 23408
Baillie, D.A. *see* Tooley, F.A.P. 20398
Baillieu, F. *see* Esteve, D. 43084
Baillon, P. *see* Adam, W. 46929
Bailly, G., Abry, C., Boe, L.-J., Laboissiere, R., Perrier, P., Schwartz, J.-L. Inversion and speech recognition 13098
Bailly, G. *see* Bonnyman, J. 44771
Bailly, G. *see* Henneberger, G. 48272
Bailly, J.C. *see* Lafosse, X. 11696
Bailly-Salins, R. *see* Shaw, M.J. 3423
Baim, R.F. Successful process improvement is achievable—if we keep it simple [electric utilities] 32319
Bain, J.A., Clemens, B.M., Brennan, S. Structural characterization of Pt/Co multilayers for magnetooptic recording using X-ray diffraction 28352
Bain, L.J., Patel, J.K. Prediction intervals based on partial observations for some discrete distributions 17966
Bain, R.A., Bayer, R.K. Restart testing program for piping following steam generator replacement at North Anna Unit 1 32603
Baines, G.D. *see* El-Attar, M.M.K. 40146
Baines, T.S., Hamblin, D.J., Harrison, D.K. A unified classification of manufacturing strategies and design processes 26131
Baini, G. *see* Alessandri, F. 19130
Baiocchi, A., Blefari-Melazzi, N. An error-controlled approximate analysis of a stochastic fluid flow model applied to an ATM multiplexer with heterogeneous on-off sources 45276
Baiocchi, A., Priscoli, F.D., Grilli, F., Sestini, F. The geometric dynamic channel allocation strategy for high traffic FDM/TDMA mobile communications networks 45829
Baiocchi, C.J. *see* Katz, A. 9713
Baiocchi, F. *see* Katz, A. 20903
Baiocchi, F. *see* Wheeler, D.R. 27958
Baiocchi, F.A. *see* Guinn, K.V. 41488
Baiocchi, F.A. *see* Katz, A. 9547
Baiocchi, F.A. *see* Katz, A. 18136
Baiocchi, O. *see* Shimoji, M. 44531
Baiod, R. *see* Phelps, R.A. 38798
Baiqiang Tian, Tinga, W.R. Single-frequency relative Q measurements using perturbation theory 38671
Baiqiang Tian, Tinga, W.R. A microwave oscillation loop for dielectric constant measurement 46586
Bair Ming-Jeng *see* Ming-Jeng Bair
Bairamov, R.B., Muradov, B.B., Chuguevets, T.P. Solar complexes: new stage in using renewable sources of energy 25105
Baird, A.M. *see* Winterberger, W.J. 7680
Baird, J.P. *see* Zhuang, W.Z.L. 6785
Baird, J.P. *see* Zhuang, W.Z.L. 36039
Baird, K. *see* Abe, K. 7260
Baird, K. *see* Abe, K. 15619
Baird, K. *see* Abe, K. 46930
Baird, R.T., Fiez, T.S. Stability analysis of high-order delta-sigma modulation for ADC's 34134

Baird, S. *see* Asseo, E. 15383
Baird, T. *see* Tarof, L.E. 20524
Baireuther, O. EURESCOM supporting public network operators to prepare for new networks and services 14003
Bairi, B.R. *see* Ahmed, N. 16617
Bairi, B.R. *see* Ananthakrishnan, T.S. 16533
Bairi, B.R. *see* Bhatnagar, P.V. 16511
Bairi, B.R. *see* Bhattacharya, S. 6350
Bairi, B.R. *see* Narsaiah, A. 16510
Bais, J.M., van Hilten, O. The potential for electric vehicles in Amsterdam 48202
Baishi Wang, Xi Zhang Electronic speckle carrier shearography for automated deformation measurement 31527
Baisuo Wang *see* Wang Baisuo
Baitinger, U.G. *see* Ryba, M. 955
Baity, F.W., Goulding, R.H., Hoffman, D.J., Ryan, P.M., deGrassie, J.S., Petty, C.C., Pinsker, R.I. The technology of fast wave current drive antennas 44631
Baixauli, J.G., Chilet, S.S., Breijo, E.G. OrCAD/PCB: the creation and modification of libraries 19212
Baixauli, J.G. *see* Breijo, E.G. 18646
Baixuan Shi *see* Shi Baixuan
Baiya Li *see* Xinghua Feng 40223
Baiyong Liu *see* Liu Baiyong
Baizar, R. *see* Bogdanova, N. 23516
Baja, G.Sanniti di *see* Sanniti di Baja, G.
Bajaj, J. *see* Irvine, S.J.C. 41297
Bajaj, S., Lyall, S.M. A practical implementation of IEEE 1149.1 [boundary scan testing] 33341
Bajard, J.-C. *see* Skaf, A. 34017
Bajic, B. Signal decorrelation induced by transit-time and frequency fluctuations 44840
Bajikar, S. *see* Jaafar, M.A.S. 17848
Bajkova, A.T. *see* Frieden, B.R. 36923
Bajon, D. *see* Bouzidi, F. 27160
Bajor, G. *see* Davis, C. 11301
Bajovic, V.S. The correct quasi-one-dimensional model of the fluid flow in a Faraday segmented MHD generator channel 48144
Bajovic, V.S., Veefkind, A. Shock tube experiments on coal combustion MHD energy conversion 25765
Bajpai, O.P., Meenakshisundaram, P. White-light directional false color coding in discrete imagery 4974
Bajpai, R.C. *see* Chandra, V. 30910
Bajs, T. *see* Feretic, D. 39820
Bajuk, S.P. *see* O'Grady, D.S. 2353
Bajwa, R.S. *see* Owens, R.M. 36683
Bak, J. *see* Namkung, W. 15292
Bak, J. *see* Namkung, W. 15293
Bak-Jensen, B. *see* Bak-Jensen, J. 16457
Bak-Jensen, B. *see* Bak-Jensen, J. 16919
Bak-Jensen, J., Bak-Jensen, B., Damsgaard Mikkelsen, S., Sorensen, J.T. Examinations of ZnO-varistors in the leakage region with regard to high frequency stresses 16457
Bak-Jensen, J., Bak-Jensen, B., Mikkelsen, S.D., Sorensen, J.T. Parametric identification in frequency domain modelling 16919
Baka, M.E., Copping, A.J. An optimised FPGA configuration for signal processing 18886
Bakaev, V.G., Vadkovskii, A.D., Danilov, E.O., Grigor'yants, E.A., Zvorykin, V.D., Metreveli, G.E., Sychugov, G.V. Generation of electron beams for pumping of the GARPUN wide-aperture excimer laser 43733
Bakaev, V.G. *see* Basov, N.G. 28739
Bakalidis, G.N. *see* Georgopoulos, C.J. 23003
Bakalov, V.P. Equations for optimal estimation in the restoration of space-limited multidimensional signals by autocorrelation function 29724
Bakamidis, S.G., Boutalis, Y.S. A new fast algorithm to identify the nearest neighbour 13416
Bakardjieva, V. *see* Beshkov, G. 9765
Bakeman, P.E., Jr. *see* Kinoshita, H. 2065
Baker, B.A. How to successfully bring multimedia to your corporate networking environment 46210
Baker, B.R. Green's function for magnetic shielding by a permeable layer 44471
Baker, C.T.H., Derakhshan, M.S. Convergence and stability of quadrature methods applied to Volterra equations with delay 41192
Baker, D. 2 phase hybrid stepping motors 40260
Baker, D. *see* Dunn, C. 34079
Baker, D. *see* Swanson, D. 19139
Baker, D.A. *see* Zuckerwar, A.J. 31863
Baker, E. An integrated system for the excitation of brushless DC motors 8440
Baker, E.D. *see* Nickel, J.R. 7763
Baker, E.L., Campbell, R. Optimized wave shaping of a molybdenum conical lined shaped charge 24400
Baker, E.L. *see* Campbell, R. 24401
Baker, G. High-bit-rate digital subscriber lines 5631
Baker, G. *see* Lawrence, B.L. 44056
Baker, H.J., Colley, A.D., Hall, D.R., Rodrigues, N., Zhao, H. Radio frequency discharge excited carbon monoxide lasers 11946
Baker, H.J. *see* Hengchang, Z. 11922
Baker, H.J. *see* Hornby, A.M. 11955
Baker, I.M. *see* Purdy, D.R. 43597
Baker, J.E. Image accuracy and representational enhancement through low-level multi-sensor integration techniques 22234
Baker, J.E. *see* Sugg, A.R. 10917
Baker, J.G. *see* Li, D. 12208
Baker, J.V. *see* Cowan, M.D. 46551
Baker, J.W. *see* Kronenberg, M.L. 17167
Baker, K. Time-to-market: an issue in mixed-signal vs. analogue 2628
Baker, K. *see* Bruls, E. 10102
Baker, K. *see* Harvey, R.J.A. 27095
Baker, K. *see* Mehtani, R. 10203
Baker, K. *see* Verhelst, B. 6330
Baker, K.B. *see* Hanuise, C. 7600
Baker, K.M. A practical method for characterization and correlation of acoustic microscopes 16034
Baker, M. Sharpening the focus of viewpoints between higher education and employers of the expertise required for contemporary and future technical managers 167
Baker, M.C. *see* Riff, E.J. 6254
Baker, R., Downing, A., Finn, K., Rennison, E., DooHyun David Kim, Young Hwan Lim Multimedia processing model for a distributed multimedia I/O system 13970
Baker, R. *see* Middleton, P.H. 17365
Baker, R.J., Johnson, B.P. Sweep circuit design for a picosecond streak camera 46510
Baker, S. The role of incident investigation in system validation 39335
Baker, T.F. *see* Ashkenazi, V. 32102
Baker, T.J. *see* Normand, E. 39240
Baker, T.L., Morisseau, D. Performance an alertness on 8-hour versus 12-hour work shifts 33454
Baker, W.I. *see* Mahmood, A. 26873
Bakhadyrkhanov, M.K., Askarov, Sh.I., Kurbanova, U.Kh. Investigation of the influence of a magnetic field on the conditions of excitation and parameters of instabilities of an ultralow-frequency current in Si:S 34497
Bakhashwain, J.M. *see* Al-Ali, A.R. 34083
Bakhrakh, L.D., Yarmakhov, I.G. Investigation of the diffraction of electromagnetic waves at slots in screens of finite thickness 12558
Bakhru, H. *see* Dabral, S. 294
Bakhshandeh, B. Simulation of high speed clock networks 27360
Bakhtairov, V.F., Levin, V.E. Using optical rangefinders in the Mishennaya Geodetic Observatory (Kamchatka) to record movements of the Earth's surface 15986
Bakhtari, K. *see* Harbi, A. 25250
Bakhtiari, S. *see* Ganchev, S.I. 38651
Bakhtizin, R.Z., Ghots, S.S., Glazer, P.V. Statistical model of semiconductor field emitter with atomically clean surface 19286
Bakic, K. *see* King, W.L. 24888
Bakiri, G. *see* Dietterich, T.G. 4380
Bakirov, M.Ya. *see* Abdullaev, G.B. 40479
Bakirtzis, A.G., Vlachogiannis, J.G. Block matrices and their applications in power systems 16132
Bakke, M. *see* Levitt, H. 24352
Bakken, P.M. *see* Craig, A.D. 37915
Bakker, E.M., van Leeuwen, J., Tan, R.B. Prefix routing schemes in dynamic networks 22369
Bakker, G. *see* Chen, J. 18697
Bakker, R.J., Knippels, G.M.H., van der Meer, A.F.G., Oepts, D., Jaroszynski, D.A., van Amersfoort, P.W. Dynamic desynchronization of a free-electron laser resonator 20924
Bakker, R.J., van der Geer, C.A.J., Jaroszynski, D.A., van der Meer, A.F.G., Oepts, D., van Amersfoort, P.W. Broadband tunability of a far-infrared free-electron laser 3685
Bakker, R.J. *see* Jaroszynski, D.A. 12264
Bakker, R.J. *see* van Amersfoort, P.W. 12257
Bakker, R.J. *see* van der Geer, C.A.J. 15391
Bakker, S.J.M. *see* Hilbrandie, G.R. 35265
Baklanov, K., Taboryski, R., Lindelof, P.E. New type of charged-particles detector based on point contacts formed in a GaAs-AlGaAs heterostructure by split-gates 24007
Baklanova, O.E., Vasilenko, V.A. Data compression with ΣΠ-approximations based on splines 45043
Bakos, G.C., Tsagas, N.F., Lygouras, J., Lucas, J. Long distance noncontact high precision measurements 21939
Bakos, G.C. *see* Lygouras, J.N. 46109
Bakos, J.S., Sorlei, Z. Investigation of far-infrared lasers [Relaxation rates] 12025
Bakouris, M.G., Giamniadakis, J.S., Kassapakis, K., Sardis, T.S., Sykas, E.D. Analyzing and testing ATM network equipment using the Atmospheric Test Tool 13978
Bakov, Yu.V. Computer analysis of periodic conditions in ferromagnetic semiconductor devices with controlled self-biasing 2862
Bakowski, C. *see* Horwitz, A.E. 24173
Bakowski, C. *see* Schneider, K. 24171
Bakowski, M. Semiconductor devices for high power applications 11189
Bakowski, M. *see* Bleichner, H. 42900
Baksht, F.G., Djuzhev, G.A., Elizarov, L.I., Ivanov, V.G., Kostin, A.A., Shkolnik, S.M. Generation of negative hydrogen ions in low-voltage cesium-hydrogen discharge 38823
Bakueva, L.G., Il'in, V.I., Musikhin, S.F., Sharonova, L.V. Diamond-like films formed by laser evaporation and multilayer structures based on them 41432
Bakulin, Yu.A. Investigation of the primary parameters of a 'contact rail/tunnel wall' circuit 12653
Bakuta, V.G., Karpenko, L.N., Litunovskii, V.N., Ovchinnikov, I.B., Tkachenko, Yu.A. High-speed pulsed gas valve for plasma accelerators 38766
Bakyalakshmi, R. *see* Reddy, P.K. 29291
Bal, L. *see* Abadir, M. 9288
Bala, C., Craiu, O., Lupu, V., Papalau, I. Methods for electric machine ventilation calculation 32824
Bala, J., Wechsler, H. Shape analysis using genetic algorithms 22129
Bala, K., Petropoulos, K., Stern, T.E. Multicasting in a linear lightwave network 6025
Bala, K. *see* Stern, T.E. 6073
Balabin, A.I., Kropachev, G.N., Parshin, I.O., Skachkov, D.G. Coulomb coherent beam oscillations in multi-aperture linac 46785
Balachandra, P. *see* Srinivasan, R. 8043
Balachandran, J. *see* Malghan, V.R. 25343
Balachandran, K., Anderson, J.B., Finamore, W.A., Pimentel, C.J.-L. Better rate 1/2 coded continuous phase modulation schemes and the M-algorithm 36512
Balachandran, U. *see* Sampathkumar, T.S. 11520
Balachandran, U. *see* Varma, H.K. 41498
Balaji, T., Buddhudu, S. Fluorescence spectra of Ce^{3+} -doped alkaline earth and lanthanide oxyhalide powder phosphors 11831
Balaji, T., Buddhudu, S. Fluorescence spectra of Eu^{3+} ions in dual lanthanide oxyhalide powder phosphors 28613
Balaji Gupta, P. *see* Chhokra, R.S. 14875
Balakin, V.E., Syrachev, I.V. Status of VLEPP RF Power Multiplier (VPM) 17016
Balakin, V.E. *see* Arapov, L.N. 15283
Balakrishna, C., Gray, L.J., Kane, J.H. Efficient analytical integration of symmetric Galerkin boundary integrals over curved elements: thermal conduction formulation 26383
Balakrishnan, K., Vengatesan, B., Ramasamy, P. Growth and characterization of some $I\text{-}III\text{-}VI_2$ compound semiconductors 33590
Balakrishnan, K. *see* Tipper, D. 37499
Balakrishnan, M. *see* Naseer, A.R. 41785
Balakrishnan, N. *see* Zrnic, D.S. 15995
Balakrishnan, S.N. *see* Steck, J.E. 39435
Balan, A. *see* Verma, S.P. 8288
Balan, H. *see* Darie, S.I. 48037
Balanda, A. *see* Buda, A. 7291
Balandin, V.A., Gevorkyan, E.V., Pasechnik, S.V. Increase of the sensitivity of a liquid-crystal cell to low-frequency pressure vibrations 6409
Balanis, C.A. *see* Gilb, J.P.K. 27159
Balanis, C.A. *see* Gilb, J.P.K. 42326
Balanis, C.A. *see* Liu, K. 29338
Balanis, C.A. *see* Lyons, M.R. 19135
Balanis, C.A. *see* Weimin Sun 36339
Balaram, J. Statistical mechanics approach to image differencing based inspection 29868
Balaras, C. *see* Santamouris, M. 25942
Balaras, C. *see* Santamouris, M. 48478
Balart, R., Orr, R.S. Computational accuracy and stability issues for the finite, discrete Gabor transform 9496
Balasa, F. *see* Franssen, F.H.M. 34124
Balashov, S.M., Pavlov, A.M., Emel'yanov, A.I., Nazarov, V.S. Development of elements simulating the fuel elements of RBMK reactors and nuclear district heating stations 32588
Balashov, S.M., Videneev, E.N., Nigmatulin, B.I. The effect of boric acid on the thermohydraulic characteristics of a partially uncovered core [fission reactors] 16559
Balashova, E., Neofitnyi, M. Spatial filters for coherent light field differentiation 11807
Balasinski, A., Ma, T.-P. Impact of radiation-induced nonuniform damage near MOSFET junctions 34974
Balasinski, A., Vishnubhotla, L., Ma, T.P., Tseng, H.-H., Tobin, P.J. Fluorinated CMOSFETs fabricated on (100) and (111) Si substrates 19853
Balasko, M., Svab, E. Recent neutron radiography work in Hungary and perspectives 33798
Balasubrahmanian, A.K., Prem Prakash, Bhargava, R., Das, M., Seth, V.K. Operator advisor expert systems for NPP 16509
Balasubrahmanyam, D. *see* Kaushik Fiete, O.P. 27280
Balasubrahmanyan, V.K. *see* Naranan, S. 36593
Balasubramaniam, A. *see* Meena, K. 13765
Balasubramanian, C. *see* Kannan, M.D. 42595
Balasubramanian, C. *see* Narayandass, S.K. 43151
Balasubramanian, K. *see* Koyuncu, B. 8028
Balasubramanian, N. *see* Balasubramanian, S. 10659
Balasubramanian, N. *see* Balasubramanian, S. 42706
Balasubramanian, R., Bouman, C.A., Allebach, J.P. Sequential scalar quantization of color images 36881

Balasubramanian, R., Bouman, C.A., Allebach, J.P. Sequential scalar quantization of color images 36947
Balasubramanian, R., Selvarajan, A. Coupled-mode analysis of three-wave mixing process in crystal cored fibres 21078
Balasubramanian, R. *see* Flohr, T.J. 22086
Balasubramanian, S., Kumar, V., Balasubramanian, N. Reduced phosphorus loss from InP surface during hydrogen plasma treatment 42706
Balasubramanian, S., Kumar, V., Balasubramanian, N., Premachandran, V. Passivation of surface and bulk defects in InP 10659
Balasubramanian, V. *see* Nagalakshmi, R. 25349
Balasubramanian, V. *see* Vijayan, P. 25348
Balasubramaniyan, A., Heinbockel, J., Mortazawi, A. An eight MESFET periodic spatial power combiner 1413
Balasubramanyam, P.V., Murty, A.S.R., Parameswaran, S., Harigopal, S. Damping of torsional oscillations—a coordinated approach 47352
Balasurbramaniyan, A., Mortazawi, A. Two-dimensional MESFET-based spatial power combiners 19117
Balavlenkov, Ye.V. Optical switching elements 14587
Balaz, I. The analytic-asymptotical approach to the solution of bifurcations in RC nonlinear autonomous circuits 1099
Balaz, P., Tvarozka, V. NPP VVER safety upgrading by backfitting and reconstruction 39885
Balazs, J., Giczi, I., Lengyel, M. Micro-optical circuit design using AUTOCAD and finite element analysis 11671
Balazs, M.K. Ultrapure water: friend or foe? 1982
Balazs, M.K. *(editor)* 1994 Semiconductor Pure Water and Chemicals Conference. Conference Proceedings 40814
Balbachas, D.V., Fleming, R.J. Thermally simulated conductivity and luminescence in cross-linked polyethylene 35165
Balbekov, V.I. The effect of vacuum chamber wall conductivity of an accelerator on the value of Coulomb tune shifts 7050
Balbekov, V.I. *see* Ageev, A.I. 15546
Balber, H. *see* Bausch, J. 24984
Balberg, I. The two carriers' mobility-lifetime products and their light intensity dependencies in hydrogenated amorphous silicon 27465
Balberg, I., Arbell, H. Temperature as a bifurcation parameter in nonlinear electronic circuits 41613
Balberg, I., Lubianiker, Y. Evidence for the defect-pool model from induced recombination level shifts in undoped *a*-Si:H 1862
Balbin Villaverde, A. *see* Munin, E. 3836
Balbo, N., D'Andrea, R., Malesani, L., Tomasin, P. Synchronous reluctance motors for low-cost, medium performance drives 8887
Balbo, N., Sella, D., Penzo, R., Bisiach, G., Cappellieri, D., Malesani, L., Zuccato, A. Hybrid active filter for parallel harmonic compensation 16148
Balcer-Kubiczek, E.K. *see* Harrison, G.H. 15899
Balcou, Y. An improved Fourier analysis of damped transients 13363
Baldenweg, U. *see* Brand, O. 16063
Balderes, J. *see* Stefanakos, E. 48289
Baldereschi, A. *see* Peressi, M. 34569
Baldereschi, A. *see* Scandolo, S. 34585
Baldereschi, A. *see* Scandolo, S. 36010
Balderson, D.E. *see* Escalona, O.J. 7453
Baldi, P., Shenoy, M.R., Nouh, S., De Micheli, M.P., Ostrowsky, D.B. Estimation of the extent and influence of longitudinal diffusion on $LiNbO_3$ proton exchanged segmented stripe waveguides 20385
Baldick, R., Kahn, E. Transmission planning issues in a competitive economic environment 32373
Baldini, L. *see* Giuli, D. 44363
Baldini, R. *see* Antonelli, A. 24054
Baldis, H.A. *see* Nantel, M. 11914
Baldo, P.M. *see* Meng, W.J. 41326
Baldwin, C.J. *see* Kennedy, W.N. 40278
Baldwin, G. *see* Dalal, V.L. 33054
Baldwin, G. *see* Dalal, V.L. 33713
Baldwin, G.T., Landron, C.O., Lorence, L.J., Jr. Extending the range of the time projection Compton spectrometer to lower energy 15676
Baldwin, K.C. *see* Monsay, E.H. 38163
Baldwin, K.J. *see* Damzen, M.J. 44048
Baldwin, L. On-line dimensional gauge for glass and plastic containers 46636
Baldy, M. *see* Maurel, P. 20914
Baldy, P., Morvan, M. A linear time and space algorithm to recognize interval orders 523
Baldygo, W., Brown, R., Wicks, M., Antonik, P., Capraro, G., Hennington, L. Artificial intelligence applications to constant false alarm rate (CFAR) processing 23204
Baldygo, W.J., Wicks, M.C. Expert system constant false alarm rate (ES-CFAR) processor 30905
Balek, V., Fusek, J., Kriz, O., Leskela, M., Niinisto, L., Nykanen, E., Rautanen, J., Soininen, P. Emanation thermal analysis in the characterization of zinc sulfide thin films prepared from different precursors 33627
Balekdjian, A. *see* Kim, A. 3335
Balembois, F., Georges, P., Brun, A. Quasi-continuous-wave and actively mode-locked diode-pumped Cr^{3+}:LiSrAlF$_6$ laser 3494
Balemi, S. Discrete event systems control of a rapid thermal multiprocessor 276
Baleriaux, H. *see* De Wilde, W.R. 24756
Bales, L., Lasiecka, I. Continuous finite elements in space and time for the nonhomogeneous wave equation 18087
Balest, R. *see* Alexander, J.P. 24110
Balest, R. *see* Alexander, J.P. 46860
Balestra, F., Jomaah, J., Ghibaudo, G., Faynot, O., Auberton-Herve, A.J., Giffard, B. Analysis of the latch and breakdown phenomena in N and P channel thin film SOI MOSFET's as a function of temperature 35008
Balestra, F. *see* Emrani, A. 19844
Balestra, F. *see* Emrani, A. 35001
Balestra, F. *see* Jomaah, J. 19810
Balestra, F. *see* Mounib, A. 19764
Balestra, F. *see* Rais, K. 28260
Balestra, G. *see* D'Alessio, T. 31923
Balestri, S., Burlamacchi, P., Greco, V., Molesini, G. Folded CO_2 laser resonators with controlled beam quality 20938
Balestrini, S. *see* Wender, S.A. 7232
Balestro, F. *see* Morche, D. 1277
Baleva, M., Tuncheva, V. Laser-assisted deposition of PbO films 33701
Balewski, K., Beyer, H.G., Bieler, M., Bockmann, T., Bothe, W., Bredehoft, K., Brinkmann, R., Choroba, S., Dehler, M., Dohlus, M., Drevlak, M., Dwersteg, B., Ebert, M., Febel, A., Fischer, R., Flottman, K., Hahne, P., Hartwig, H., Holtkamp, N., Holzer, B., Hulsmann, P., Jurgensen, H., Kaiser, H., Klatt, R., Klein, H., Kouptsidis, J., Krawczyk, F., Kumpfert, H., Kurz, M., Loffler, F., Marx, M., Muench, H., Musfeldt, H., Nagl, M., Narciss, H., Nawrath, G., Neumann, R., Neumuller, P., Oentrich, W., Peters, F., Peters, J., Peters, M., Pillat, P., Rossbach, J., Schmitz, M., Scholz, H.-P., Schumann, G., Schwarz, W., Seesselberg, E., Sinram, K., Sommerfeld, M., Tsakanov, V., Ullrich, F.R., Van Rienen, U., Vilcins, S., Voss, G.A., Wanzenberg, R., Weiland, T., Werner, M., Wipf, S., Wolter, H., Wumpelmann, H., Zhang, M. A 500 GeV S-band linear collider study: status report 1992 46775
Balfour, C. *see* Stuart, R.A. 43702
Balfour, R. *see* Messing, T. 17191
Bali, L.M. *see* Pandya, T.P. 12262
Bali, S.R. Methodology for repairing of NEAX-61S PCBs (cards) 5660
Balian, R.A. *see* Ladommatos, N. 48431
Balibar, S. *see* Guthmann, C. 32888
Balictsis, C.M. *see* Oughstun, K.E. 44311
Baliga, B.J. New materials beyond silicon for power devices 2392
Baliga, B.J. *see* Chow, T.P. 11222
Baliga, B.J. *see* Mehrota, M. 19752
Baliga, B.J. *see* Shekar, M.S. 42903
Baliga, B.J. *see* Syau, T. 19609
Balikoev, I.S. *see* Glazkov, A.A. 15592
Balis, U.J., Morris, K.F., Koleski, J., Lindsey, B.G. Simulations of a ventrolateral medullary neural network for respiratory rhythmogenesis inferred from spike train cross-correlation 39062
Balk, L.J. *see* Maywald, M. 42423
Balk, O.A. *see* Hochhauser, E. 38883
Balk, P. *see* Afanas'ev, V.V. 10768
Balk, P. *see* Werner, K. 41365
Balkabukh, A.I. *see* Vasil'ev, A.S. 33890
Balkan, N. *see* Arikan, M.C. 19897
Balkanski, M. *see* Julien, C. 42453
Balkarei, Yu.I., Elinson, M.I. An optoelectrical system for storing and processing information based on discrete active media with controllable coupling 28430
Balkarey, Yu. I., Grigor'yants, A.V., Evtikhov, M.G., Cohen, A.S., Rzhanov, Yu.A. Diffusive and diffractive transverse structures in bistable semiconductor interferometers with band edge absorption 12361
Balkarey, Yu.I., Elinson, M.I. Optoelectronic image processing system based on a discrete active medium with controlled connections 2945
Balkcum, A.J. *see* Chong, C.K. 27430
Balkenende, A.R. Microstructure of magnetic suspensions studied by vibrating sheared sample magnetometry 35212
Balkey, K.R. *see* Kaushansky, M.M. 39806
Balkovoi, A.P., Mukhametgaleev, T.Kh., Ryzhov, S.N. Improved model of a step electric drive 25859
Ball, A.D. *see* Worden, K. 457
Ball, D.F. *see* von Emloh, D.A. 33292
Ball, E. *see* Linge, N. 22589
Ball, F., Campbell, A., Hutchison, D. Quality of service commitment in ATM networks 5303
Ball, G.A., Holton, C.E., Hull-Allen, G., Morey, W.W. 60 mW 1.5 μm single-frequency low-noise fiber laser MOPA 43797
Ball, G.A., Hull-Allen, G., Holton, C., Morey, W.W. Low noise single frequency linear fibre laser 3542
Ball, G.A., Meltz, G., Morey, W.W. Polarimetric heterodyning Bragg-grating fiber-laser sensor 20307
Ball, J. *see* Cai, M. 13448
Ball, J.A. *see* Barvainis, R. 46149
Ball, L.L. Residential services architecture for the interactive delivery of information and video services 37224
Ball, M. *see* Caussyn, D.D. 7026
Ball, M. *see* Caussyn, D.D. 38778
Ball, M. *see* Ellison, M. 38779
Ball, M. *see* Huang, H. 23976
Ball, M. *see* Lee, S.Y. 7040
Ball, M. *see* Li, D. 6973
Ball, M.O. *see* Haritsa, J.R. 30309
Ball, M.S. *see* Anderson, D.R. 7064
Ball, M.S. *see* Hamilton, B.J. 46783
Ball, R., Lever, P., Jennings, P. An investigation of 'windowing' phenomena seen during EM susceptibility profiling 44476
Ball, R. *see* Bourne, C. 17569
Ball, R. *see* Lever, P. 4157
Ball, R.A. *see* Cheetham, W.J. 47395
Ball, V. *see* Faulkner, A. 24360
Ball, Z. *see* Phillips, H.M. 18318
Balla, A. *see* Antonelli, A. 24054
Ballad, J.P., Chester, J.K., Riley, R.C., Shammas, N.Y.A. Interference immunity tests of an HVDC value section consisting of two thyristor levels 8589
Balladore, J.L. *see* Ouabbou, A. 11098
Ballal, A.K., Salamanca-Riba, L., Partin, D.L. Significance of a nucleation layer in inhibiting interfacial pitting in InAs films grown by two-step MOCVD on (100) InP substrates 10953
Balland, B. *see* Autran, J.-L. 11210
Balland, B. *see* Autran, J.L. 1962
Balland, B. *see* Djahli, F. 42962
Balland, G. *see* Pamart, J.L. 38032
Ballandras, S., Bigler, E. Doubly rotated SAW quartz cuts with low sensitivity to stress and temperature effects exhibiting a power flow angle close to zero 43233
Ballard, D., Nielsen, D. A real-time knowledge processing executive for Army rotorcraft applications 39188
Ballard, R.D. The MEDEA/JASON remotely operated vehicle system 16009
Ballardie, T., Francis, P., Crowcroft, J. Core based trees (CBT) an architecture for scalable inter-domain multicast routing 30251
Ballat, J., Konig, D. Insulation characteristics and welding behavior of vacuum switch contacts made from various CuCr alloys 8704
Ballat, J., Konig, D., Reininghaus, U. Spark conditioning procedures for vacuum interrupters in circuit breakers 8703
Ballato, A. Network characterization of piezoelectric stacks for smart structures 20077
Ballato, A. *see* Gualtieri, J.G. 11357
Ballato, A. *see* Gualtieri, J.G. 35139
Ballato, A. *see* Kosinski, J.A. 11394
Ballato, A. *see* Kosinski, J.A. 20102
Ballato, A. *see* Nakazawa, M. 23518
Ballato, A. *see* Yong, Y.-K. 20060
Balle, S., Littler, I.C.M., Bergmann, K., Kowalski, F.V. Frequency shifted feedback dye laser operating at a small shift frequency 3469
Balle, S., Mirasso, C.R., Sapia, A., Spano, P. Analytical results of the switch on statistics in distributed feedback laser diodes by short triangular pulses 3629
Balle, S. *see* Kowalski, F.V. 28911
Balle, S. *see* Torrent, M.C. 28836
Ballegeer, D.G., Agarwala, S., Tong, M., Ketterson, A.A., Adesida, I., Griffin, J., Spencer, M. Selective reactive ion etching effects on GaAs/AlGaAs MODFETS 10902
Ballegeer, D.G., Nummila, K., Adesida, I. Multilayer resist process for asymmetric gate recess in field-effect transistors 28212
Ballentine, P.H. *see* Borrelli, P.J. 11370
Ballesteros, C. *see* Rodriguez, T. 19412
Ballesteros, E. *see* Mustieles, F.J. 3128
Balleyguier, P. *see* De Brion, J.-P. 38817
Balleyguier, P. *see* Guimbal, P. 43975
Balleyguier, P. *see* Joly, S. 15306
Balleyguier, P. *see* Joly, S. 44009
Balli, E., Casolo, G.C., Giomi, A., Alfieri, A., Chiti, M., Citerna, F.D. Thrombolytic therapy affects the time course of spectral components of heart period variability in anterior wall myocardial infarction 24326
Balling, P. *see* LaFlame, D. 12766
Ballingall, J. *see* Chin, A. 41382
Ballingall, J.M., Ho, P., Mazurowski, J., Lester, L., Hwang, K.C., Sutliff, J., Gupta, S., Whitaker, J. $In_xGa_{1-x}As$ (x=0.25-0.35) grown at low temperature 33604
Ballingall, J.M., Pin Ho, Smith, R.P., Wang, S., Tessmer, G., Yu, T., Hall, E.L., Hutchins, G. Material and device characteristics of MBE microwave power FETs with buffer layers grown at low temperature (300°C) 1640
Ballingall, J.M. *see* Gupta, S. 38488
Ballingall, J.M. *see* Ho, P. 11242
Ballingall, J.M. *see* Zhao, J.H. 2508
Ballingall, J.M. *see* Zhao, J.H. 11895
Ballini, Y. *see* Guivarc'h, A. 18201
Ballini, Y. *see* Guivarc'h, A. 41274

Ballman, A.A. *see* Cheng, K.L.K. 18123
Ballo, P. *see* Mudron, J. 1883
Ballon, J., Berat, C., Buenerd, M., Chauvin, J., Hostachy, J.Y., Laamyem, M., Martin, P., Rey-Campagnolle, M., Touillon, R., Volkemer, B. A high resolution fast-RICH counter for on-line tagging of high energy particles 31716
Ballon, J., Berat, C., Buenerd, M., Chauvin, J., Hostachy, J.Y., Laamyem, M., Martin, P., Sghaier, H., Stassi, P., Rey-Campagnolle, M., Touillon, R., Volkemer, B. HYPOLIT, a high resolution fast beam RICH 46910
Ballon, J., Berat, C., Buernerd, M., Chauvin, J., Hostachy, J.Y., Laamyem, M., Martin, P., Rey-Campagnolle, M., Touillon, R. A high resolution fast-RICH counter for on-line tagging of high energy beam particles 7203
Ballot, E., Barrau, P., Ravel, J.Y. Safety improvements achieved and proposed on Mochovce No.1 and No.2 units 47697
Balluffi, R.W. *see* Amiri-Hezaveh, A. 773
Ballutaud, D. *see* Dumont, H. 41307
Bally, J. *see* Chamberlin, R.A. 44359
Balmain, K.G. *see* Laurin, J.-J. 36260
Balmer, G.J. *see* Jakeman, E. 46093
Balmer, J.E. *see* Ellenberger, U. 31294
Balmer, U. Technical basic requirements for cable distribution networks 23329
Balmford, R.A.H., Redman-White, W. New high-compliance CMOS current mirror with low harmonic distortion for high-frequency circuits 9970
Balocchi, R., Michelassi, C., Varanini, M., Carpeggiani, C., Santarcangelo, E., Emdin, M. A methodology for evaluating the influence of the respiratory component in measuring the complexity of heart rate variability 39046
Balogh, L. *see* Redl, R. 32276
Balohoubek, E. *see* Fathy, A. 1482
Balram, N., Moura, J.M.F. Noncausal Gauss Markov random fields: parameter structure and estimation 21470
Balsa, R. *see* Fernandez, R. 36930
Balsamo, S. Properties and analysis of queueing network models with finite capacities 5579
Balsamo, S., de Nitto Persone, V. A survey of product form queueing networks with blocking and their equivalences 26273
Balser, S.J. *see* Grund, C.E. 16212
Balsi, M. *see* Barone, A. 1367
Balsley, B.B., Woodman, R.F., Sarango, M., Urbina, J., Rodriguez, R., Ragaini, E., Carey, J. Southern-hemisphere PMSE: where are they? 29178
Balter, S. Digital image processing: a visual tour 47077
Baltes, H. CMOS as sensor technology 6391
Baltes, H. Microsensors between physics and technology 23529
Baltes, H. *see* Boltshauser, T. 6439
Baltes, H. *see* Boltshauser, T. 46359
Baltes, H. *see* Brand, O. 16063
Baltes, H. *see* Castagnetti, R. 6436
Baltes, H. *see* Dammann, M. 2551
Baltes, H. *see* Filanovsky, I.M. 33942
Baltes, H. *see* Kramer, J. 11863
Baltes, H. *see* Leme, C.A. 6393
Baltes, H. *see* Lenggenhager, R. 6489
Baltes, H. *see* Moser, D. 6618
Baltes, H. *see* Paul, O. 28268
Baltes, H. *see* Riccobene, C. 34928
Baltrusaitis, R.M. *see* Humphries, S., Jr. 46774
Balu, N., Herve, P. Pattern recognition techniques applied to real time particle sizing 15199
Balu, N. *see* Adapa, R. 39557
Balz-Fritz, A. *see* Nickel, O. 24186
Balzer, B. *see* Braun, C. 24563
Balzer, G. Construction and performance of metal oxide surge arresters, compared with spark gap overvoltage protectors 8005
Balzer, G., Matamontero, S., Vasnetsov, M., Tschudi, T. Phase defects in a phase-conjugate photorefractive-gain oscillator 44130
Balzhauser, M. *see* Backe, H. 47013
Bamba, Y. *see* Imamura, K. 42866
Bambach, W. *see* Hein, B. 30559
Bamber, C., Donaldson, W.R., Lincke, E., Melissinos, A.C. A pulsed-power electron accelerator using laser-driven photoconductive switches 6885
Bamberger, J. *see* Lang, M. 44834
Bamberger, R.H., Eddins, S.L., Nuri, V. Generalized symmetric extension for size-limited multirate filter banks 37027
Bamberger, R.H. *see* Nuri, V. 13353
Bambill, D.V. *see* Laura, P.A.A. 578
Bamblevskii, V.P. *see* Aleinikov, V.E. 15648
Bamborough, K.M., Richmond, W. Windpower experience in Highland region 25332
Bamert, H. 'Collapsed backbone' data wiring in local area networks 45633
Bamford, L.D., Hall, P.S., Fray, A. Estimation of mutual coupling betwen phased array elements 36431
Bamji, C.A. *see* Varadarajan, R. 26591
Bamji, C.S., Allen, J. GLOVE: a graph-based layout verifier 43076
Bamji, S.S., Bulinski, A.T., Chen, Y. Thermally stimulated current from water-treed XLPE 43199
Bamji, S.S. *see* Bulinski, A. 43195
Bammer, M., Swaton, H. Field oriented regulation in inverter driven asynchronous machines: Use of binary pulse sequences for noise reduction by spectral broadening 16827
Bammer, M. *see* Swaton, H. 25879
Ban, H. *see* Akiyama, M. 47649
Ban, S., Hirayama, H., Namito, Y., Tanaka, S., Nakashima, H., Nakane, Y., Nariyama, N. Calibration of silicon PIN photodiode for measuring intensity of 7~40 keV photons 47021
Ban, V.S., Joshi, A.M., Urli, N.B. Characterization of process-induced defects in 2.6 μm InGaAs photodiodes 35583
Ban, Y., Ishibashi, A., Ohta, H., Kamiyama, S., Kidoguchi, I., Mannoh, M., Takamori, A., Ohnaka, K. Red semiconductor laser 3678
Ban, Z. *see* Kovacic, Z. 8658
Banakar, M.H. On-line control of interruptible load groups 7777
Banakar, M.H., Zheng, Y., Prager, R. Expert system-based fault location identification function for distribution systems 8018
Banakova, I.V., Biryukov, V.N., Markov, Yu.N. Numerical analysis of RL-, RC- and LC-networks in frequency domain 41606
Banaszak Holl, M.M. *see* Seidler, P.F. 41485
Banba, N. *see* Watabu, K. 6194
Banba, S., Suematsu, E., Ogawa, H. Fundamental properties of HEMT photodetector for use in fiber optic links 28679
Banba, S. *see* Ogawa, H. 5910
Banbury, P.C. *see* Euthymiou, P.C. 7201
Banck, J., Wasinger, K. Passive low temperature dry fuel storage with Siemens' FUELSTOR facility 39848
Band, A. *see* Anderson, G. 38901
Band, J. A brave new world? intellectual property litigation in the multimedia industry 38205
Banda, B.M. *see* Narula, R.G. 40017
Bandara, K.M.S. *see* Sarusi, G. 38495
Bandara, K.M.S.V., Levine, B.F., Kuo, J.M. *p*-doped single-quantum-well infrared photodetector 15014
Bandari, A. *see* Drucker, J. 34753
Bandekas, D.V. *see* Papadopoulos, D.P. 25409
Bandelier, B. *see* Rioux-Damidau, F. 44234
Bandelow, U., Wunsche, H.J., Wenzel, H. Theory of selfpulsations in two-section DFB lasers 35785
Bandelow, U. *see* Wunsche, H.J. 12162
Bandettini, A., Bencivelli, W., Bertolucci, E., Bottigli, U., Conti, M., Del Guerra, A., Fantacci, M.E., Randaccio, P., Rosso, V., Russo, P., Stefanini, A. Characterization of the response of a double side μ-strip silicon detector to X-rays in the diagnostic energy range 15723
Bandettini, A. *see* Alfano, B. 15724
Bandi, V.G., Asai, H. Acceleration techniques for waveform relaxation analysis of RLCG transmission lines driven by bipolar logic gates 21292
Bandinelli, M., Chiti, S., Cioni, R. Antenna modeling and analysis for ELF/VLF/LF applications 4262
Bandler, J.W., Biernacki, R.M., Shao Hua Chen, Grobelny, P.A., Shen Ye Yield-driven electromagnetic optimization via multilevel multidimensional models 41597
Bandler, J.W., Ye, S., Biernacki, R.M., Chen, S.H., Swanson, D.G., Jr. Minimax microstrip filter design using direct EM field simulation 1449
Bandler, J.W. *see* So, P.P.M. 27198
Bandler, S.W., Perdieu, L.H., Dalcin, J.R., Dziomba, G.E., Panczak, M.X., Williams, T.K. Thick film multilayer AlN power hybrid circuit 19266
Bandman, O.L. Synthesis of algorithmically oriented architectures of optical processors 11762
Bando, N. *see* Shibuki, M. 14819
Bando, Y., Kitami, Y., Tomita, T., Honda, T., Ishida, Y. A newly developed 300 kV field-emission analytical transmission electron microscope 10636
Bando, Y. *see* Terashima, T. 2877
Bandopadhyay, B. *see* Ahmed, N. 16617
Bandurski, W. Transient analysis and simulation of nonuniform lossy transmission lines 12650
Bandurski, W. The integral form of the transmission line equations for nonuniform stationary transmission lines 44482
Bandy, S. *see* Majidi-Ahy, R. 10453
Bandy, S. *see* Tanabe, E. 42353
Bandyopadhyay, A., Verma, P.R., Bhattacharyya, A.B., Zarabi, M.J. LATCHSIM—a latch-up simulator in VLSI CAD environment for CMOS and BiCMOS circuits 43112
Bandyopadhyay, A. *see* Banerjee, S. 20906
Bandyopadhyay, A. *see* Banerjee, S. 20917
Bandyopadhyay, A. *see* Pal, S.K. 8722
Bandyopadhyay, D. *see* Bailey, D. 38919
Bandyopadhyay, D. *see* Bailey, D. 38920
Bandyopadhyay, S. *see* Datta, A.K. 45140
Bandyopadhyay, S. *see* Jaekel, A. 41831
Bandyopadhyay, S.K. *see* Mukhopadhyay, P.K. 27330
Bane, K. *see* Pellegrini, C. 44002
Bane, K. *see* Ruth, R.D. 46776
Bane, K.L.F., Gluckstern, R., Holtkamp, N. The coupled dipole modes of the NLC accelerator structure 15434
Banerjee, A., Yang, J., Glatfelter, T., Hoffman, K., Guha, S. Experimental study of p layers in "tunnel" junctions for high efficiency amorphous silicon alloy multijunction solar cells and modules 48113
Banerjee, A.K. Life Cycle Management in the US—Stone & Webster's experience 16545
Banerjee, B. *see* McCleer, P.J. 16816
Banerjee, C. *see* Dagen, A.J. 37808
Banerjee, D. *see* Gangopadhyay, G. 1814
Banerjee, D. *see* Sharma, S.N. 27468
Banerjee, D.K., Deb, S., Majumder, D.D. TOMI: try object with maximum information—a new approach to computer vision problems 13768
Banerjee, I., Kuzminov, D. Nitrogen redistribution in SiO_2 under ion bombardment 42565
Banerjee, J.P. *see* Mitra, M. 27227
Banerjee, P., Saxena, M., Suri, A.K. A study on time link between National Physical Laboratory and Sikandarabad earth station via INSAT-TV network 6821
Banerjee, P. *see* Banerjee, S. 7719
Banerjee, P. *see* De, K. 26876
Banerjee, P. *see* De, K. 33985
Banerjee, P. *see* Ramkumar, B. 26620
Banerjee, P. *see* Ramkumar, B. 26864
Banerjee, P.K. *see* Rahim, M.A. 17935
Banerjee, P.P. Recent developments in physics and applications of photorefractive materials 43375
Banerjee, P.P. *see* Chen-Wen Tarn 20440
Banerjee, P.P. *see* Pliszka, P. 3824
Banerjee, R. Celling the Japanese method 9331
Banerjee, R., Sharma, S.N., Chattopadhyay, S., Batabyal, A.K., Barua, A.K. Control of powder formation in silane discharge by cathode heating and hydrogen dilution for high-rate deposition of hydrogenated amorphous silicon thin films 795
Banerjee, R. *see* Gangopadhyay, U. 42960
Banerjee, R. *see* Sharma, S.N. 27468
Banerjee, S., Banerjee, P. A new performance index for parameter selection under random load changes 7719
Banerjee, S., Li, V.O.K., Chihping Wang Performance analysis of the send-on-demand: a distributed database concurrency control protocol for high-speed networks 30495
Banerjee, S., Mukherjee, B. FairNet: a WDM-based multiple channel lightwave network with adaptive and fair scheduling policy 6083
Banerjee, S., Sahasrabudhe, S.C. C-factor: a morphological shape descriptor 29989
Banerjee, S., Srivastava, A.K., Bandyopadhyay, A., Chand, N. Excess transverse magnetic component in quantum well lasers 20906
Banerjee, S., Srivastava, A.K., Bandyopadhyay, A., Chand, N. Many body effects in strained quantum well lasers 20917
Banerjee, S. *see* Arora, B.M. 23644
Banerjee, S. *see* Bhattacharya, S. 11163
Banerjee, S. *see* Bhattacharya, S. 28180
Banerjee, S. *see* Chakradhar, S.T. 41842
Banerjee, S. *see* Chau, P.M. 29652
Banerjee, S. *see* Chen, W. 2068
Banerjee, S. *see* Chen, W. 2245
Banerjee, S. *see* Chowdhury, S.P. 39661
Banerjee, S. *see* Chowdhury, S.P. 40087
Banerjee, S. *see* Hari Rama Krishna, G. 42885
Banerjee, S. *see* Kinosky, D. 33699
Banerjee, S. *see* Kinosky, D. 34737
Banerjee, S. *see* Kinosky, D.S. 10962
Banerjee, S. *see* Lian, S. 9557
Banerjee, S. *see* Lin, J. 2067
Banerjee, S. *see* Manna, I. 42932
Banerjee, S. *see* Qian, R.Z. 9587
Banerjee, S. *see* Srivastava, A.K. 41300
Banerjee, S. *see* Subramanian, S. 19407
Banerjee, S. *see* Sultan, A. 2024
Banerjee, S. *see* Sultan, A. 19519
Banerjee, S. *see* Sultan, A. 42623
Banerjee, S.K., Zimmer, G., Feldle, H.P., Marten, P., Schmidt, L.P. An *X*-band phased array microwave/photonic beamforming network 6126
Banerjee, S.K. *see* Bhattacharya, S.S. 42937
Banerjee, S.K. *see* Chen, W.-M. 19856
Banerji, B.C. Software requirement specification. LCA avionics design—a case study 15966
Banerji, P., Sarkar, C.K. Effect of band nonparabolicity on the hot electron longitudinal conductivity in n-$Hg_{1-x}Cd_xTe$ in the extreme quantum limit magnetic fields at low temperatures 42430
Banes, D. Designing more secure LANs 14149
Baney, D.M., Sorin, W.V. Extended-range optical low-coherence reflectometry using a recirculating delay technique 23913
Banfi, G.P., Danielius, R., Piskarskas, A., Di Trapani, P., Foggi, P., Righini, R. Femtosecond traveling-wave parametric generation with lithium triborate 3779
Banfi, G.P., Di Trapani, P., Danielius, R., Piskarskas, A., Righini, R., Sa'nta, I. Tunable femtosecond pulses close to the transform limit from traveling-wave parametric conversion 3775
Banfi, G.P. *see* Danielius, R. 20985
Banfi, G.P. *see* Nitti, S. 36015
Banford, H.M. *see* Fouracre, R.A. 35162

Bang, J.H. *see* Kim, D.Y. 9977
Bang Kwang Hyun *see* Kwang Hyun Bang
Bang-Sup Song *see* Seung-Hoon Lee 34132
Bang-Sup Song *see* Un-Ku Moon 42043
Banga, E.R. *see* Garcia, C. 13144
Bangar Raju, B., Varadarajan, T.S. Laser characteristics of a new laser dye: 7-diethylamino-3-styryl benzimidazo (1,2-a) quinoline 35700
Bangen, H.-J. Validation problems in air traffic control systems 39337
Bangert, U., Harvey, A.J., Howells, S., Faux, D.A., Dieker, C. Stress distributions and defect nucleation in buried heterostructure laser diodes 43870
Bangert, U. *see* Faux, D.A. 35826
Bangerter, R.O. *see* Barnard, J.J. 31535
Bangerter, R.O. *see* Celata, C.M. 31562
Bangerter, R.O. *see* Yu, S.S. 15339
Bangham, J.A. Using the root datasieve to recognise and locate patterns in a data sequence 13800
Bangham, M. *see* Kessler, D.H. 8183
Banh, B.A., Anido, G.J. Effect of mobile services on signalling network design 37162
Banham, M.R., Galatsanos, N.P., Katsaggelos, A.K., Gonzalez, H. Restoration of single-channel images with multi-channel filtering in the wavelet domain 22278
Banhart, F. *see* Werner, J.H. 27579
Bani-Hashemi, A. A Fourier approach to camera orientation 21955
Bani-Hashemi, A. *see* Schuster, R. 30021
Banica, I. *see* Racoveanu, C.E. 16544
Baniel, P., Belouet, C. Gas film levitation: a unique containerless technique for the preparation of fluoride glass rods 896
Bank, R.E., Chan, T.F. An analysis of the composite step biconjugate gradient method 26341
Bank Andreasen, S. *see* Lomholt Hansen, S. 30862
Banker, J., Muczynski, J. Designing with programmable multichip modules 1712
Bankman, I.N., Johnson, K.O., Schneider, W. Optimal detection, classification, and superposition resolution in neural waveform recordings 24273
Bankov, S.E., Bugrova, T.I. Analysis of a millimeter-wave integrated beam-forming network for quasioptical multibeam antennas 4344
Bankov, S.Ye., Burgrova, T.I. Eigenmodes of planar metal-dielectric grating 12672
Bankov, V.N. *see* Kats, V.D. 35203
Bankowski, E.N. Holographic media for information storage, processing and display: a review of methods 2941
Banks, C., Mikkelsen, M. Systems engineering in BT's account management—the bid manager 9176
Banks, D. *see* Dalton, C. 5473
Banks, D.L. Exact results and bounds for the mean squared error of percentile bootstraps 9376
Banks, D.R., Heim, C.G., Lewis, R.H., Caron, A., Cole, M.S. Second-level assembly of column grid array packages 34400
Banks, D.R. *see* Ries, M.D. 34386
Banks, H.T., Ito, K., Wang, Y. Computational methods for identification and feedback control in structures with piezoceramic actuators and sensors 11398
Banks, I. The next generation of SNMP 37326
Banks, L., Hedgley, R. Digital ferroelectric printhead technology 11391
Banks, V.A.A., Roberts, D.G., Fitch, A. Water tree retardant crosslinked polyethylene cables 24961
Banks, V.A.A., Roberts, D.G., Moody, S.M. Long term testing of water tree retardant crosslinked polyethylene cable 16349
Bankston, R.G. Instant access to City Hall: an examination of how local governments use interactive video to reach citizens 38346
Bann, R. *see* Pepler, D.A. 35947
Bannai, E. Association schemes and fusion algebras (an introduction) 9464
Bannaya, V.F., Litvak-Gorskaya, L.B., Lugovaya, G.Ya. Characteristics of low-temperature conduction in mercury-doped germanium 34493
Bannikov, V.S. Bio-electronic informational-computational media. 3. Mathematical model of a bio-electronic informational-computational medium 1760
Bannister, B.R. *see* Eckersall, K.R. 10354
Bannister, D.J., Ide, J.P., Yeo, S.P. Phase ambiguity in waveguide transmission measurements 23857
Bannister, D.J., Smith, D.I. Traceability for on-wafer CPW S-parameter measurements 42232
Bannister, J., Gerla, M., Kovaucevic, M. An all-optical multifiber tree network 5562
Bannister, J.V. *see* Somasundrum, M. 6472
Bannister, P.R. ELF propagation highlights 4124
Bannister, P.R., Harrison, J.K., Rupp, C.C., King, R.W.P., Cosmo, M.L., Lorenzini, E.C., Dyer, C.J., Grossi, M.D. Orbiting transmitter and antenna for spaceborne communications at ELF/VLF to submerged submarines 4314
Bannister, P.R., Ingram, R.F., McCarrick, M.J., Wong, A.Y. Results of the joint HIPAS/NUWC campaigns to investigate ELF generated by auroral electrojet modulation 4138
Bannister, R.L. *see* Newby, R.A. 16699
Bannister, R.W. *see* McDonnell, D.G. 46552
Bannov, N., Mickevicius, R., Mitin, V., Sirenko, Yu. Low-frequency noise in the low-dimensional semiconductor structures 27530
Banos, J.C.M., Papageorgiou, M., Schaffner, C. Integrated optimal routing and congestion control in packet-switched networks 22377
Banos, J.D., Rebollar, J.M. Analysis of open ended coaxial probes with finite size ground plane 6765
Banos, L. *see* Sebastian, P.J. 34557
Banqueri, J., Gamiz, F., Carceller, J.E., Cartujo, P., Lopez-Villanueva, J.A. Influence of the interface-state density on the electron mobility in silicon inversion layers 1953
Bansal, R. *see* Zhang-Ning Lu 36333
Bansal, V. *see* Ravindran, K. 5250
Bansky, J., Brockhaus, A., Engemann, J., Asmussen, J., Slosarcik, S. 3D—Green Tape planar Langmuir—sensor structures for plasma diagnostics 23545
Bantelmann, H., Timmerman, D. Assessment of tenders under the European Community Order Placement Procedure 40898
Bantly, J. *see* Avery, R.E. 7257
Bantly, J. *see* Avery, R.E. 7258
Bantyukov, E.N. A control pulse shaper for wave stepper motor 1114
Bantyukov, E.N. Pulse-duration selector 1115
Bantz, D.F., Bauchot, F.J. Wireless LAN design alternatives 45546
Banu, M., Dunlop, A. A 660 Mb/s CMOS clock recovery circuit with instantaneous locking for NRZ data and burst-mode transmission 27036
Banwell, T.C. Simple precision bias circuit for medium-power amplifiers 41696
Banyaga, A. *see* Chaiyasena, A.P. 29706
Banyard, J.E. *see* Williams, D.C. 46612
Banyasz, I. Evaluation of the imaging properties of holograms recorded in materials of limited spatial resolution 12442
Bao, C., Sas, P., Van Brussel, H. A novel filtered-X LMS algorithm and its application to active noise control 21873
Bao, J., Bastien, S.P., Sunak, H.R.D. Comparison of the noise performance in erbium- and praseodymium-doped fiber amplifiers 3512
Bao, J.S. *see* Boardman, A.D. 43263
Bao, X., Webb, D.J., Jackson, D.A. 32-km distributed temperature sensor based on Brillouin loss in an optical fiber 6516
Bao, X., Webb, D.J., Jackson, D.A. 22 km distributed strain sensor using Brillouin loss in an optical fibre 23687
Bao, X., Webb, D.J., Jackson, D.A. Combined distributed temperature and strain sensor based on Brillouin loss in an optical fiber 31248
Bao, X.L. *see* Uberall, H.M. 36137
Bao, Y. *see* Dubost, G. 21426
Bao, Z. *see* DeFreez, R.K. 20827
Bao, Z. *see* Yu, L. 44075
Bao Liming *see* Wang Xianrong 47382
Bao Liu *see* Nianhong Wan 6342
Bao Xi Mao *see* Xi Mao Bao
Bao Xiaoqi *see* Xiaoqi Bao
Bao Ximao, Yan Hai, Mao Baohua Formation of shallow junctions by implantation through silicide screen 27623
Bao Xue Chen, Xiang Tong Li, Iimura, Y., Kobayashi, S. High-contrast channel waveguide switch with two sections of a nematic liquid crystal covering 11638
Bao Zheng, Liao Guisheng, Wu Renbiao, Zhang Yuhong, Wang Yongliang 2D temporal-spatial adaptive clutter suppression for phased array airborne radars 14700
Bao Zheng *see* Jiao Licheng 9373
Bao Zhuoyu *see* Zhuoyu Bao
Bao Zongyu *see* Ye Zongyuan 24135
Bao-Gen Shen, Lin-Shu Kong, Fang-Wei Wang, Lei Cao Structure and magnetic properties of $Sm_2Fe_{14}Ga_3C_x$ (x=0-2.5) compounds prepared by arc melting 2792
Bao-Gen Shen *see* Jifan Hu 35223
Bao-Hua Zhuang *see* Zhuang Bao-Hua
Bao-Min Shao, Jing-Jang Hwang, PeChang Wang Distributed assignment of cryptographic keys for access control in a hierarchy 44669
Bao-Min Xu, Zhi-Wen Yin, Hong Wang Microstructure development of the single-step, low-temperature sintered $SrTiO_3$ GBBL capacitor materials 33756
Bao-Shan Han *see* Han Bao-Shan
Bao-Xia Jin *see* Jin Bao-Xia
Baoan Shi *see* Shi Baoan
Baocheng Zhang *see* Zhang Baocheng
Baodong Bai *see* Bai Baodong
Baohong Liu *see* Liu Baohong
Baohua Lu *see* Lu Baohua
Baohua Mao *see* Mao Baohua
Baohua Zhong *see* Zhong Baohua
Baojuan Gao *see* Gao Baojuan
Baojun Ning *see* Ning Baojun
Baokang Bi *see* Siyuan Han 35289
Baoliang Qian *see* Qian Baoliang
Baolin Wan *see* Wenhui Cen 7996
Baolin Wan *see* Wan Baolin
Baoqiong Chen *see* Chen Baoqiong
Baoren Zhu *see* Zhong, J. 20866
Baosen Hong *see* Hong Baosen
Baoshen Jin *see* Jin Baoshen
Baosheng Lu *see* Lu Baosheng
Baoshu Wang *see* Wang Baoshu
Baoxi Xu *see* Xu Baoxi
Baoxiang Kang *see* Kang Baoxiang
Baoyuan Sun *see* Sun Baoyuan
Baozheng Zhang *see* Zhang Baozheng
Baozhi Zhao *see* Zhao Baozhi
Baozing Yuan *see* Yuan Baozing
Baozong Yuan *see* Yuan Baozong
Bapat, A.S., Raghavan, S.V. Analysis of protocol layer residency in the host-NIU system of a network node 5569
Bapat, S. Towards richer relationship modeling semantics 30395
Bapat, S.L. *see* Gaunekar, A.S. 24412
Bappert, V., Blauert, J. Auditory quality evaluation of speech-coding systems 36596
Baptista, J.L. *see* Joanni, E. 14970
Baptista, J.P.V.P. *see* Sforza, M. 37934
Baptista, J.V.P.P. *see* van Dooren, G.A.J. 36176
Baqai, F.A., Hua, Y. Matrix pencil method for inverse synthetic aperture radar imaging 30912
Baquedano, J.A., Levi, A.F.J., Jalali, B. Comparison of graded and abrupt junction $In_{0.53}Ga_{0.47}As$ heterojunction bipolar transistors 19771
Baquedano, J.A., Levi, A.F.J., Jalali, B., Cho, A.Y. Forward delay in scaled $Al_{0.48}In_{0.52}As/In_{0.53}Ga_{0.47}As$ heterojunction bipolar transistors 11142
Baquedano, J.A. *see* Laskar, J. 19071
Baquero, M., Ferrando, M., Escobar, G., Navarro, A., Pastor, P., Selfa, E. Arbitrary wave synthesis using spectral transformations 29278
Baquet, I. *see* Derouiche, Z. 15705
Bar, S.X. *see* Kanber, H. 41296
Bar, S.X. *see* Wu, C.S. 19088
Bar-Chaim, N. *see* Lau, K.Y. 11585
Bar-Cohen, Y., Mal, A.K., Shyh-Shiuh Lih NDE of composite materials using ultrasonic oblique insonification 18384
Bar-David, I. Direct differential detection of phase-shift-keyed signals: a local-oscillatorless DPSK receiver 37995
Bar-David, I., Plotnik, E., Rom, R. Forward collision resolution—a technique for random multiple-access to the adder channel 37082
Bar-Ilan, J., Kortsarz, G., Peleg, D. How to allocate network centers 22620
Bar-Ness, Y., Siveski, Z., Kamel, R., Chen, D.W. Adaptive algorithms for interference cancelation in multiuser communications systems 37091
Bar-Ness, Y. *see* Kamel, R.E. 29403
Bar-Ness, Y. *see* Messer, H. 13438
Bar-Ness, Y. *see* Siveski, Z. 45302
Bar-Noy, A., Kessler, I. Tracking mobile users in wireless communications networks 5818
Bar-Noy, A., Kessler, I. Tracking mobile users in wireless communications networks 45816
Bar-Or, O. *see* Belotserkovsky, E. 46482
Bar-Shalom, Y. *see* Deb, S. 23122
Bar-Shalom, Y. *see* Dezert, J. 22025
Bar-Shalom, Y. *see* Jauffret, C. 6158
Bar-Shalom, Y. *see* Kumar, A. 4601
Bar-Shalom, Y. *see* Kumar, A. 29848
Bar-Shalom, Y. *see* Li, X.R. 32054
Bar-Shalom, Y. *see* Raghavan, V. 21784
Bar-Yam, Y., Lei, T., Moustakas, T.D., Allan, D.C., Teter, M.P. Quasi-equilibrium nucleation and growth of diamond and cubic boron-nitride 1835
Bar-Yam, Z., Cummings, J.P., Dowd, J.P., Kern, W., Chung, S.U., Lee, J.H., Weygand, D.P., Willutzki, H.J., Crittenden, R., Dzierba, A., Smith, P., Zieminska, D., Bonner, B., Clement, J., Mutchler, G. A cylindrical drift chamber of novel design 46864
Bar-Yehuda, R., Chor, B., Kushilevitz, E., Orlitsky, A. Privacy, additional information and communication 45267
Bar-Ziv, E. *see* Baum, D. 29104
Bara, J. *see* Pradell, L. 30649
Baraban, A.P., Bulavinov, V.V., Troshikhin, A.G. Changes in the charge state of Si-SiO_2 structures studied by the method of field cycling in a system with electrolytic contacts 34620
Baraban, A.P. *see* Bota, S.A. 34628
Barabanenkov, M.Yu. The spatial location of the intermediate new phase precipitate layer during SOI structure fabrication 10731
Barabanov, A.R., Tsarapkin, D.Ts. Amplifier on IMPATT diode for the 5-mm band 19084
Barabanov, V.S., Kantsyrev, V.L., Morozov, N.V., Sergeev, P.B., Tyunina, M.A. Reflection of KrF laser radiation from silicon surfaces with various coatings 35956
Barabanov, V.S., Morozov, N.V., Sagitov, S.I., Sergeev, P.B. Optical materials and coatings for excimer lasers 20956
Barabanov, V.S., Morozov, N.V., Sergeev, P.B. Absorption induced by ionizing radiation in windows of KrF and ArF lasers 20955
Barabanov, V.S., Morozov, N.V., Sergeev, P.B. Electron-beam ArF laser with beam radiation divergence 10^{-4} rad 35687
Barabanov, V.S. *see* Amosov, A.V. 28928
Barabas, M. *see* Szarvas, G. 11670

Barabas, N. A three phase motor drive with a unique DC current sense 48172
Barabash, L.S. *see* Kendall, H.W. 46970
Barabino, M., De Muro, G., Laudato, D., Maini, M. An embedded simulator integrated in an industrial field bus based control system 32654
Barac, S. Linear motors—more power, better accuracy 47902
Barace, R.De *see* De Barace, R.
Baraff, G.A. *see* Gershoni, D. 28831
Barakat, M. *see* Shafai, L. 36358
Barakat, R. *see* Hsu, W. 36144
Barakat, R. *see* Rao, T.C.K. 36181
Baraldi, C. *see* Tartari, A. 39017
Baram, Y. *see* Ringach, D.L. 36989
Baran, A. *see* Budagov, J. 46955
Baran, D. *see* Brandenburger, G. 7405
Baran, J.E. *see* d'Alessandro, A. 3239
Baran, J.E. *see* Smith, D.A. 28537
Baran, M.E. Data requirements for real-time monitoring and control of feeders 7878
Baran, R. *see* Ko, H. 13239
Baran, U. Future office interconnection architectures for LAN and wide area access 22580
Baranauskas, V. *see* Peled, A. 19160
Barandiaran, J., Laresgoiti, I., Perez, J., Corera, J., Echavarri, J. Diagnosing faults in electrical networks 32460
Barandiaran, J.M. *see* Gorria, P. 43282
Baranger, H.U., Jalabert, R.A., Stone, A.D. Quantum-chaotic scattering effects in semiconductor microstructures 42492
Baraniecki, M. *see* Dimolitsas, S. 4463
Baraniecki, M. *see* Dimolitsas, S. 14068
Baraniuk, R.G. Signal transform covariant to scale changes 4655
Baraniuk, R.G., Jones, D.L. New signal-space orthonormal bases via the metaplectic transform 13360
Baraniuk, R.G., Jones, D.L. A signal-dependent time-frequency representation: fast algorithm for optimal kernel design 36760
Baraniuk, R.G., Jones, D.L. Shear madness: new orthonormal bases and frames using chirp functions 44980
Baraniuk, R.G. *see* Jones, D.L. 13312
Barankevich, V.I., Vasil'ev, S.N., Gornostaev, S.V., In'kov, Yu.M., Litovchenko, V.V., Petrov, V.A., Solodunov, A.M., Sharov, V.A. Tractional electric drive with asynchronous motors for suburban trains 40614
Baranov, A. *see* Grunberg, P. 35836
Baranov, A. *see* Tournie, E. 43939
Baranov, A.N., Danilova, T.N., Ershov, O.G., Imenkov, A.N., Sherstnev, V.V., Yakovlev, Yu.P. Structure of spatial modes in long-wavelength stripe-geometry lasers based on InAsSb/InAsSbP 35803
Baranov, A.N. *see* Yakovlev, Yu.P. 20817
Baranov, A.V. Temperature stabilization of the output power of microwave amplifiers using Schottky-barrier field-effect transistors 19043
Baranov, G.L. *see* Volkov, I.V. 32188
Baranov, I.A., Klimenko, V.A., Senchenko, V.V. Efficient algorithm for numerical analysis of the spectrum of natural modes of a suspended symmetrical strip transmission line 12660
Baranov, I.Ya., Goncharov, V.D., Timoshchuk, I.V. Calculation model of a CO laser with a high-frequency discharge in a supersonic stream of combustion products 43728
Baranov, S.A. *see* Abakumov, P.N. 9958
Baranovskii, S.D. *see* Cleve, B. 27491
Baranovskii, S.D. *see* Thomas, P. 34532
Baranovskii, V.G. Using the image method for approximate calculation of parameters of attached eddy-current transducers 41539
Baranowski, J. *see* Werner, P. 34511
Baranowsky, P.W., II MSAT and cellular hybrid networking 37738
Baransel, C., Dobosiewicz, W., Gburzynski, P. CBRMA++/SR: on the design of a MAN/WAN MAC protocol for high-speed networks 22521
Barany, A. *see* Hedblom, K. 15385
Baranyi, A. *see* Berceli, T. 27293
Baranyi, S.J. How to boost servomotor efficiency for incremental motion 32887
Baras, J.S. *see* Berman, Z. 13308
Baras, J.S. *see* Berman, Z. 13457
Baras, J.S. *see* Berman, Z. 44961
Baras, J.S. *see* Frantzeskakis, E. 36724
Baras, J.S. *see* Haritsa, J.R. 30309
Barashenkov, V.S., Sosnin, A.N., Shmakov, S.Yu., Goleminov, N.G., Polanski, A. Mathematical modeling of radiation damage to microelectronic devices 15613
Barashko, A.S. Some useful properties of signature analyzers 14914
Barat, P. *see* Mukhopadhyay, P.K. 27330
Baratta, T. *see* Jacobs, R. 39774
Baratz, J. *see* Mayhew, L. 32248
Baraz, E.M. *see* Gorkunov, E.S. 41508
Baraz, E.M. *see* Gorkunov, E.S. 41526
Barba, A., Crusselles, E., Melus, J.L. The customer premises networks in the Universal Mobile Telecommunication System: security aspects 45813
Barba, D., Neudecker, A. Psychovisual lattice vector quantization in subband image coding 30078
Barba, D. *see* Hanen, J. 38244
Barba, D. *see* Saadane, A. 36825
Barba, J. *see* Colef, M. 36932
Barba, J. *see* Wu, H.-S. 13479
Barba, M. *see* Alessandri, F. 1443
Barba, P.D., Savini, A. Global optimization methodologies and application in electromechanics 3961
Barba, P.Di *see* Di Barba, P.
Barbacini, S. *see* Lacquaniti, L.G. 7428
Barbagelata, L. *see* Sanelli, C. 15539
Barbanera, S. *see* Matarazzo, S. 43346
Barbar, K., Desainte-Catherine, M., Miniussi, A. The semantics of musical hierarchies 44748
Barbara, D. *see* Kao, B. 37075
Barbara Paola *see* Paola Barbara
Barbaresco, F. Time-frequency analysis of a complex radar signal by a fast recursive processing of the wavelet transform for detection of moving objects in clutters 14690
Barbaresco, F. Statistical segmentation of radar images 38153
Barbarino, G.C. *see* Abbrescia, M. 7270
Barbarino, G.C. *see* Agnetta, G. 31780
Barbaro, P.de *see* de Barbaro, P.
Barbaro-Galtieri, A. *see* Amidei, D. 46890
Barbaro-Galtieri, A. *see* Tkaczyk, S. 46989
Barbarossa, G., Armenise, M.N., Matteo, A.M. Triple-coupler ring-based optical guided-wave resonator 28488
Barbarossa, G., Laybourn, P.J.R. Optical damage threshold of P_2O_5 and GeO_2-P_2O_5-doped silica-waveguides 11628
Barbarossa, G., Laybourn, P.J.R. Effect of temperature gradient on sintering kinetics of doped silica waveguides by flame hydrolysis deposition 11629
Barbarossa, G. *see* Maxwell, G.D. 5645
Barbarossa, S. Detection and estimation of the instantaneous frequency of polynomial-phase signals by multilinear time-frequency representations 4717
Barbarossa, S., Farina, A. Space-time-frequency processing of synthetic aperture radar signals 46038
Barbaroux, J. *see* Schanen, J.L. 32915
Barbat, C., Lajoie-Mazenc, C. Axelia: an expert system to help define and evaluate power supply costs for an industrial process 24624
Barber, B.C. The phase statistics of a multichannel radar interferometer 23112
Barber, C. *see* Papakostopoulos, D. 15845
Barber, D. *see* Ramsay, B. 32104
Barber, D. *see* Won-Kyu Rhim 4011
Barber, D.C. *see* Brown, B.H. 47099
Barber, D.C. *see* Shields, K. 39029
Barber, D.G., Shokr, M.E., Fernandes, R.A., Soulis, E.D., Flett, D.G., LeDrew, E.F. A comparison of second-order classifiers for SAR sea ice discrimination 32080
Barber, D.P., Boge, M., Bottcher, H., Bremer, H.-D., Brinkmann, R., Bruckner, W., Duren, M., Gianfelice-Wendt, E., Kaiser, R., Klanner, R., Lewin, H.-C., Lomperski, M., Meyners, N., Nowak, W.-D., Patel, P.M., Ripken, G., Rith, K., Roloff, H.O., Steffens, E., Westphal, D., Zapfe, K., Zetsche, F. High spin polarization at the HERA electron storage ring 31578
Barber, G.C. *see* Liu, K. 29338
Barber, G.D.M., Herke, D.L. Conducted susceptibility measurements on integrated circuits 42251
Barber, H.B., Barrett, H.H., Dereniak, E.L., Hartsough, N.E., Perry, D.L., Roberts, P.C.T., Rogulski, M.M., Woolfenden, J.M., Young, E.T. A gamma-ray imager with multiplexer readout for use in ultra-high-resolution brain SPECT 15748
Barber, H.B. *see* Rogulski, M.M. 15745
Barber, K.F., Abarcar, R.B. A US government/industry program to develop a commercialize electric vehicles 48185
Barber, K.W., Horne, R.J. Moisture barrier protection, screening and armouring for HV and EHV cable 7964
Barber, P.W. *see* Khaled, E.E.M. 44294
Barber, R. *see* Fallahi, M. 20763
Barber, R. *see* McGreer, K.A. 37683
Barber, R. *see* Sudersena Rao, T. 41331
Barber, R.J. *see* Morash, R.T. 40147
Barber, W.C., Johnson, R.T., Lee, J.S., Laws, K.E., Bland, R.W. Measurement of tunnel junction resistance during formation 20196
Barberis, E., Cartiglia, N., Dorfan, D.E., Rahn, J., Spencer, E.N., Wilder, M. A fast shaping amplifier-comparator integrated circuit for silicon strip detectors 24093
Barberis, E., Cartiglia, N., LeVier, C., Rahn, J., Rinaldi, P., Sadrozinski, H.F.-W., Wichmann, R., Ohsugi, T., Unno, Y., Miyata, H., Tamura, N., Yamamoto, K. Capacitances in silicon microstrip detectors 46846
Barberis, E. *see* Ohsugi, T. 46838
Barberis, E. *see* O'Shaughnessy, K. 47008
Barberis, E. *see* Ziock, H.-J. 46885
Barberis, E. *see* Ziock, H.J. 7184
Barberis, M. *see* Bianchi, R. 39604
Barbero, E., Cociglio, M., Ferrero, F. Evaluating high-speed networks and services: issues, preliminary results and future trends 22626
Barbero, J.C. *see* Pellizoni, R. 7881
Barbetta, L., Francese, A., Papini, B. Interworking issues in international UPT service 22862
Barbi, G.B., Santos Blanco, J. Structure of tin oxide layers and operating temperature as factors determining the sensitivity performances to NO_x 6639
Barbi, I., Vieira, J.L.F. A high power factor PWM-ZVS single-stage power supply 32946
Barbi, I. *see* Pinheiro, J.R. 40318
Barbiellini, G. *see* Bocciolini, M. 24082
Barbier, D. *see* Kadoun, A. 19350
Barbier, D. *see* Maddalon-Vinante, C. 19487
Barbier, D. *see* Rosso, C. 3105
Barbier, D. *see* Rosso, C. 28475
Barbier, J.N. *see* Pons, M. 18250
Barbier, J.N. *see* Rouch, H. 9727
Barbier, P. *see* Jacob, J. 15458
Barbier, P.R., Moddel, G. An asynchronous image subtracting optically addressed spatial light modulator 31229
Barbier, P.R., Wang, L., Moddel, G. Thin film photosensor design and fabrication issues for liquid crystal spatial light modulators 23578
Barbier, P.R. *see* Burdge, G. 3215
Barbieri, A., Capodieci, P., Coiro, S., Saitto, A., Salvatori, E. LAN interconnection and videoconferencing applications via ITALSAT satellite 22946
Barborak, M., Malek, M. Partitioning for efficient consensus 22365
Barbosa, E. *see* Frejlich, J. 31525
Barbosa, L.C., MacDonald, C.E., Wolf, J.K. Estimation of tracking errors using array heads 28372
Barbosa, L.C. *see* Raghavan, S.A. 13271
Barbosa, L.O. *see* Dhillon, A.S. 37437
Barbosa, L.O. *see* Gupta, A.K. 22736
Barbour, A.E. A reconfigurable fault-tolerant system 10125
Barbour, A.E. Correction to the paper titled: The test patterns for fault-tolerant logic circuits using the block design theory 26791
Barbour, A.E. *see* Seireg, R.H. 13081
Barbour, A.E. *see* Stroud, C.E. 1142
Barbour, J.C., Casalnuovo, S.A., Kurtz, S.R. Advanced dielectrics for passivation of INSB 10967
Barbusse, D. *see* Stoehr, M. 9645
Barbuto, D.M. *see* Cevallos, E.E. 37407
Barcelos, S. *see* Archambault, J.-L. 28470
Barchanski, J.A. Parallel modelling of computer networks for connectivity analysis 22549
Barchenko, V.T. *see* Glazkov, A.A. 15592
Barchesi, C., Generosi, R., Cricenti, A. A bipolar amplifier for controlling piezo translator 26727
Barchesi, C., Generosi, R., Rinaldi, M. A portable power supply for sputter-ion pumps 1052
Barcrania, K.L. *see* Karanicolas, A.N. 42003
Barcus, J.M. *see* Morgan, L. 25045
Barcz, A. *see* Kaminska, E. 10976
Barcz, A.J. *see* Piotrowska, A. 34846
Barczynska, J. *see* Bell, J.M. 35480
Bard, J.F., Clayton, R.W., Feo, T.A. Machine setup and component placement in printed circuit board assembly 33326
Bardal, A., Matthee, Th., Wecker, J., Samwer, K. Initial stages of epitaxial growth of Y-stabilized ZrO_2 thin films on a-SiO_x/Si(001) substrates 41275
Bardan, G. *see* Carabules, A. 32379
Bardati, F., Brown, V.J., Tognolatti, P. Temperature reconstructions in a dielectric cylinder by multi-frequency microwave radiometry 7320
Bardeleben, H.J.Von *see* Von Bardeleben, H.J.
Bardelli, L., Manoni, G. Present status of Italian activities in HDTV via satellite 30989
Bardelli, L., Manoni, G. Italian experiences associated with high definition television via satellite 38280
Bardin, T. *see* Dziura, T.G. 43883
Bardinet, M. Improving the search of topological schemata of a power network by acquiring inference rules 32193
Bardis, L. *see* Tuohy, S.T. 33531
Bardsley, D.J. Immunity testing on extended systems 4159
Bardsley, D.J. *see* Fowler, E.P. 38875
Bardsley, F.R. *see* LaCombe, D.J. 43006
Bardwell, J.A. *see* van der Zwan, M.L.W. 27665
Bardy, G.H. *see* Feldman, C.L. 24308
Bardy, J. *see* Eyharts, P. 15294
Bardyn, J.-P. *see* Stefanelli, B. 1078
Bare, H.F. *see* Mikolas, D. 44139
Bareau, P., Pacaud, A. Statistical analysis of the propagation of a microwave upsetting signal on an electronic board 29230
Bareikis, V., Katilius, R., Matulionis, A. Noise in confined structures of doped semiconductors 19359
Bareikis, V., Liberis, J., Matulionis, A., Sakalas, P., Capizzi, M. Effect of hydrogen on hot electron noise in short samples of GaAs 19338
Bareith, A., Kiss, I. Full scale simulator experiments on nuclear power plant operating crew performance at Paks NPP 25129
Bareket, T. *see* Gopher, D. 7693
Barel, A. *see* Annaert, G. 4134
Barel, A. *see* Bluvband, Z. 31106

Barengolts, S.A., Litvinov, E.A., Uimanov, I.V. The effect of field emission on the superconducting properties of a cathode 35301
Barengol'ts, S.A., Litvinov, E.A., Uimanov, I.V. A superconducting current switch based on field emission 43372
Barfknecht, A.T. *see* Ko, H.L. 27009
Barfknecht, A.T. *see* Lee, G.S. 28413
Barfknecht, A.T. *see* Mears, C.A. 11528
Barfknecht, A.T. *see* Mears, C.A. 20192
Barfknecht, A.T. *see* Quenter, D. 11551
Barfknecht, A.T. *see* Verghese, S. 35263
Barg, R. *see* Aulenbacher, U. 23118
Bargar, W.L. *see* Musits, B.L. 31984
Bargar, W.L. *see* Paul, H.A. 24369
Barger, R. *see* Mayer-Kress, G. 31082
Bargeron, C.B. *see* Benson, R.C. 19264
Bargon, J., Baumann, R. Laser-induced generation and patterning of electrically conducting polymers 34870
Barham, J. *see* Sheppard, S.J. 31858
Barham, R.G. The NPL laser pistonphone 16035
Barhen, J. *see* Rosen, J. 12448
Bari, D.di *see* di Bari, D.
Bariatto, M., Fontes, A., Quacchia, J.Q., Furlan, R., Santiago-Aviles, J.J. Rapid titanium silicidation: a comparative study of two RTA reactors 2247
Baribeau, J.-M. *see* Jesson, D.E. 9597
Baribeau, J.-M. *see* LeGoues, F.K. 9569
Baribeau, J.-M. *see* Lu, Z.H. 42948
Baricco, M. *see* Allia, P. 11453
Bariff, M.L. *see* Hawk, S.R. 168
Barile, E.C., Fante, R.L., Guella, T.P., Torres, J.A. Performance of space-time adaptive airborne radar 23187
Barille, R. *see* Roche, F.M. 2219
Barinberg, G.D. *see* Akimov, N.K. 16689
Barinberg, V.A. *see* Dvornikov, V.I. 17514
Barinov, V.A., Volkov, G.A., Kalita, V.V., Kogan, F.L., Makarov, S.F., Manevich, A.S., Mogirev, V.V., Sin'chugov, F.I., Skopintsev, V.A., Khvoshchinskaya, Z.G. Improvement of operational reliability standards in electric power systems 16127
Barinov, V.A., Volkov, G.A., Kalita, V.V., Kogan, F.L., Makarov, S.F., Manevich, S., Mogirev, V.V., Sinchugov, F.I., Skopintsev, V.A., Khvoshchinskaya, Z.G. Improving the reliability of electrical power system operation 39535
Barinov, V.A. *see* Dzhangirov, V.A. 24658
Barish, K. *see* Bellwied, R. 31684
Baritaud, T., Campana, M., Chauvaud, P., Gilbert, H. On the security of the permuted kernel identification scheme 12931
Baritompa, W. Multidimensional bisection: a dual viewpoint 18048
Barkan, P., Hinckley, C.M. The benefits and limitations of structured design methodologies 223
Barkan, P., Iansiti, M. Prototyping: a tool for rapid learning in product development 230
Barkat, K. *see* Kachan, A.D. 16684
Barkay, N., Katzir, A. Mechanical fatigue monitoring using absorption spectroscopy of infrared fibers 3025
Barkay, N., Katzir, A. Transmission of infrared laser radiation through silver-halide optical fibers during repeated plastic deformation 43431
Barker, A.T. Electricity, magnetism and the body: some uses and abuses 31995
Barker, D. Applications guide the selection of crystal oscillators 20059
Barker, D. Function generators test digital devices 38584
Barker, D. *see* Verma, S. 26520
Barker, D.E. *see* Fray, A.F. 36365
Barker, F.M. *see* Fields, C.R. 39091
Barker, F.M. *see* Taylor, S.M. 39090
Barker, J. *see* Lilley, J.S. 7394
Barker, K.D. *see* Walling, R.A. 25496
Barker, L.V. *see* Trimmer, B.D. 39441
Barker, M.D. *see* Gale, A.A. 6578
Barker, P. *see* Upton, M. 27003
Barker, P.H. *see* Brindhaban, S.A. 38797
Barker, P.S., Chen, J.R., Agbor, N.E., Monkman, A.P., Mars, P., Petty, M.C. Vapour recognition using organic films and artificial neural networks 23754
Barker, R.M., Brady, F.A. Automated generation of test purposes for the OSI distributed transaction processing protocol 14118
Barker, R.W., Hinich, M.J. Statistical monitoring of rotating machinery by cumulant spectral analysis 8297
Barker, S.J. *see* Sprey, M.A. 29313
Barker, T.N. *see* Poore, A.B. 4756
Barker, T.N. *see* Poore, A.B. 29641
Barker, V.A., Nielsen, B.F. Using program package NSPCG to analyze the trunk reservation service protection method 5596
Barkley, J.S. Techniques for diagnosing line replaceable modules (LRMS) on automatic test equipment 23444
Barklie, R.C. *see* Sealy, L.T. 10834
Barlabe, A. *see* Pradell, L. 30649
Barlas, T.R. *see* Dmitruk, N.L. 19581
Barlatey, L., Smith, H., Mosig, J. Printed radiating structures and transitions in multilayered substrates 12754
Barlaud, M. *see* Gaidon, T. 22189
Barlaud, M. *see* Haddad, P. 22012
Barletta, A., Reggiani, U., Zanchini, E. On electromagnetic energy and electromagnetic coenergy 12523
Barletta, W.A., Bonifacio, R. A RF-linac, FEL based drive beam injector for CLIC 6875
Barletta, W.A. *see* Dorfan, J. 15288
Barley, T.D. *see* Gillum, W.O. 34425
Barlik, R. *see* Nowak, M. 17007
Barlik, R. *see* Olesinski, R. 17080
Barlow, G. *see* Papadakis, N. 17210
Barlow, J. *see* Koenemann, B. 1186
Barlow, J.A. *see* Coenen, F.P. 14250
Barlow, J.L., Zha, H., Yoon, P.A. Stable chasing algorithms for modifying complete and partial singular value decompositions 33501
Barlow, M., Booth, I., Parr, A. The collection of two speaker recognition targeted speech databases 13007
Barlow, M. *see* Booth, I. 13044
Barlow, M. *see* Booth, I. 29519
Barlow, M. *see* Downs, T. 4552
Barlow, P. *see* Spicer, C. 38218
Barltrop, N. Multiple unit floating offshore wind farm (MUFOW) 32807
Barmak, K. *see* Clevenger, L.A. 27574
Barman, H. *see* Knutsson, H. 13693
Barmashenko, B.D., Elior, A., Lebiush, E., Rosenwaks, S. The effect of mixing on iodine dissociation, population inversion and lasing in chemical oxygen-iodine lasers 12006
Barmashenko, B.D., Rosenwaks, S. Modelling of high pressure $O_2(^1\Delta)$ generators for chemical oxygen-iodine lasers 12007
Barmby, P.W., Fromhold, T.M., Dunn, J.L., Bates, C.A., Sheard, F.W., Eaves, L. Magnetotunnelling through 1s- and 2p-like donor states in the quantum well of resonant-tunnelling diodes 42837
Barmentlo, M. *see* Eliel, E.R. 44081
Barmentlo, M. *see* van Aerle, N.A.J.M. 20407
Barminova, Ye.Ye., Chikhachev, A.S. Nonsteady-state acceleration process of charged particles in a planar diode 6897
Barna, A. *see* Pecz, B. 19616
Barna, G.G., Loewenstein, L.M., Henck, S.A., Chapados, P., Brankner, K.J., Gale, R.J., Mozumder, P.K., Butler, S.W., Stefani, J.A. Dry etch processes and sensors 27711
Barna, K. *see* Lanera, D. 39639
Barnaby, J. *see* Jastrzebski, A.K. 27268
Barnard, C. *see* Myslinski, P. 3571
Barnard, E. *see* Scalkwyk, J. 13164
Barnard, H.J., Weber, J.H., Biemond, J. Efficient signal extension for subband/wavelet decomposition of arbitrary length signals 30081
Barnard, J., Pahwa, A. Determination of the impacts of high impedance faults on protection of power distribution systems using a probabilistic model 16438
Barnard, J.A. *see* Cates, J.C. 28362
Barnard, J.A. *see* Jansen, R.H. 42231
Barnard, J.A. *see* Qiu, G. 28361
Barnard, J.J., Bangerter, R.O., Deadrick, F., Faltens, A., Friedman, A., Fong, C.G., Godlove, T.F., Grote, D.P., Judd, D.L., Griffith, L.V., Kirbie, H.C., Lee, E.P., Neil, V.K., Newton, M.A., Paul, A.C., Reginato, L.L., Sharp, W.M., Shay, H.D., Yu, S.S. Recirculating induction accelerators for heavy-ion fusion 31535
Barnard, J.J., Yu, S.S., Faltens, A. Vacuum requirements for heavy ion recirculating induction accelerators 23964
Barnard, J.J. *see* Celata, C.M. 31562
Barnard, J.J. *see* Lauer, E.J. 23987
Barnard, J.J. *see* Sharp, W.M. 15484
Barnard, J.J. *see* Yu, S.S. 15339
Barnard, W.O. *see* Auret, F.D. 1941
Barner, J.R. *see* Lakshmikumar, K.R. 37862
Barnert, H. *see* Kugeler, K. 39843
Barnes, A.V. *see* McKinley, J.T. 44082
Barnes, B. The emergence of management platforms 37318
Barnes, C. *see* Nathanson, F. 23175
Barnes, C.F., Holder, E.J. Classified variable rate residual vector quantization applied to image subband coding 4848
Barnes, C.F., Sjoberg, E.S. A comparative study of JPEG and residual VQ compression of radar imagery 46055
Barnes, C.F. *see* Kossentini, F. 45215
Barnes, C.F. *see* Sjoberg, E.S. 47217
Barnes, D. ETSI and type approval activities for UMTS 22904
Barnes, D. The economics of computer-based training 39445
Barnes, G.J. *see* South, C.R. 4461
Barnes, G.R. Spread spectrum wireless links 14409
Barnes, G.T., Wu, X., Wagner, A.J. Scanning slit mammography 15808
Barnes, G.T. *see* Gauntt, D.M. 38983
Barnes, J. *see* Barnham, K. 25692
Barnes, J.C., Barnes, N.P., Wang, L.G., Edwards, W. Injection seeding. II. Ti:Al_2O_3 experiments 35753
Barnes, J.C. *see* Barnes, N.P. 35752
Barnes, L.A. *see* Perry, J. 15867
Barnes, L.J. *see* McManamon, P.F. 11699
Barnes, L.R. *see* Smith, A.A. 32652
Barnes, M. *see* Stone, A. 39920
Barnes, M.S. *see* Keller, J.H. 1986
Barnes, N.P., Barnes, J.C. Injection seeding. I. Theory 35752
Barnes, N.P. *see* Barnes, J.C. 35753
Barnes, N.P. *see* Jani, M.G. 3490
Barnes, P. *see* Moffat, D. 15431
Barnes, P. *see* Padamsee, H. 6995
Barnes, P. *see* Padamsee, H. 15428
Barnes, P.A., Joongseo Park, Crofton, J. Non-alloyed contacts to p-type GaAs [for photoconductive switches] 27773
Barnes, P.D., Jr. *see* Aubourg, E. 19925
Barnes, P.D., Jr. *see* Stockwell, W. 18495
Barnes, P.D., Jr. *see* Young, B.A. 24033
Barnes, P.N. *see* Wu, R.L.C. 41409
Barnes, P.R. *see* Tesche, F.M. 39480
Barnes, P.R. *see* Thomas, D.E. 47585
Barnes, R., Atherton, D.L. Effects of bending stresses on magnetic flux leakage patterns 9832
Barnes, R. *see* Moshref, A. 7722
Barnes, R.I. Full wave determination of oblique incidence reflection coefficients for model E_s-layers 21258
Barnes, S. *see* Morgan, D.V. 11865
Barnett, A.M., Collins, S.R., Cotter, J.E., Ford, D.H., Hall, R.B., Rand, J.A. Polycrystalline silicon-film solar cells: present and future 48125
Barnett, A.M., Hall, R.B., Rand, J.A. Thin polycrystalline silicon solar cells 25688
Barnett, B. *see* Amidei, D. 46890
Barnett, B. *see* Fauteux, D. 17196
Barnett, B. *see* Tkaczyk, S. 46989
Barnett, C.A. *see* Phillips, N.J. 12490
Barnett, C.A. *see* Phillips, N.J. 36055
Barnett, G.A., Benson, S.V., Madey, J.M.J. Hole output coupling in the Mark III free-electron laser 28892
Barnett, I., Benincasa, G., Berrig, O., Brun, R., Burla, P., Coudert, G., Pett, J.G., Pettin, R., Royer, J.P., Trofimov, N. The CERN control protocol for power converters 15672
Barnett, J.C. *see* Kopp, B.A. 44629
Barnett, J.T., Billard, B.D., Lee, C. Nonlinear morphological processors for point-target detection versus an adaptive linear spatial filter: a performance comparison 29833
Barnett, J.T., Kedem, B. Discrete frequency estimation using parametric filtering and the contraction mapping method 36725
Barnett, R. *see* Coates, D. 17240
Barnett, S.A. *see* Choi, C.-H. 41374
Barnett, S.A. *see* Wang, L.S. 17375
Barnett, S.M., Huttner, B., Phoenix, S.J.D. Eavesdropping strategies and rejected-data protocols in quantum cryptography 21518
Barnett, W.M. *see* Whitefield, P.D. 35683
Barnette, B.D. *see* Birkmire, D.P. 16107
Barney, J.S., Harrop, R., Dykstra, C.J. Source distribution dependent scatter correction for PVI 15727
Barnham, K., Barnes, J., Haarpaintner, G., Nelson, J., Paxman, M., Foxon, T., Roberts, J. Quantum-well solar cells 25692
Barnham, K.W.J. *see* Nelson, J. 11833
Barnhart, C.M. *see* Wieselthier, J.E. 37277
Barnhart, E.N. *see* Pickering, L.W. 36189
Barni, M., Cappellini, V., Mecocci, A. The use of different metrics in vector median filtering: application to fine arts and paintings 22010
Barnicoat, G.P. Signalling in hybrid private telecommunication networks 22429
Barniecki, A.Z. *see* Akujuobi, C.M. 13334
Barnklau, K. Quality assurance applied to low voltage switchgear 32970
Barnoux, C. *see* Adam, W. 7259
Barnoux, C. *see* Adam, W. 31715
Barnoux, C. *see* Adam, W. 46929
Barnsley, P. All-optical clock extraction using two-contact devices 5669
Barnwell, P., Brakspear, S. Alternative substrates for power electronic circuits: an experimental evaluation 1050
Barnwell, P., Brakspear, S., Yuhua Cen An experimental evaluation of alternative high power thick film substrate materials 19252
Barnwell, P. *see* Brown, G. 40997
Barnwell, P. *see* Forte, P. 1726
Barnwell, P.G., Jackson, T.J. Low profile high frequency power supplies using thick film planar transformers 8551
Barnwell, T.P., III *see* Nayebi, K. 13322
Barnwell, T.P., III *see* Nayebi, K. 13355
Barnwell, T.P., III *see* Nayebi, K. 34175
Baro, J. *see* Sevenhans, J. 22870
Baro, J.A. *see* Fuhrmann, D.R. 22080
Baro, M.D. *see* Deol, R.S. 2981
Baro-Roma, J., Sanchez, J., del Valle, M., Alonso, J., Bartroli, J. Construction and development of ion-selective electrodes responsive to anionic surfactants 6467
Barochin, B.L. *see* Levin, L.I. 8191
Barocsi, A., Jakab, L., Richter, P., Schrodter, C., Hagedorn, C. Investigation of acousto-optic tunable filter parameters for fast spectrometer application 11717
Baroetto, F. *see* Lombardo, S. 1831

Baron, A.E., Danielson, J.D.S., Gouterman, M., Wan, J.R., Callis, J.B., McLachlan, B. Submillisecond response times of oxygen-quenched luminescent coatings 23758

Baron, A.Q.R., Ruby, S.L. Time resolved detection of X-rays using large area avalanche photodiodes 47027

Baron, C.J. *see* Eichorst, D.J. 28338

Baron, E., Bianchi, L., Dural, J., Grunberg, C., Joubert, A. Energy deposited by neutrons and gamma rays in the cryogenic system of SISSI 15585

Baron, F., Liber, M. 58 GHz technology and experimental link 14446

Baron, T.le *see* le Baron, T.

baron van Till, J.W.J. Visions on the combination of SDH, ATM and LANs as seen from the customer side 14002

Baronavski, A.P., Ladouceur, H.D., Shaw, J.K. Dependence of sum frequency field intensity on group velocity mismatches 44057

Barone, A., Balsi, M., Cimagalli, V. Cellular networks of oscillators 1367

Barone, A. *see* Cristiano, R. 24132

Barone, A. *see* Cristiano, R. 38878

Barone, A. *see* Nakagawa, H. 15614

Baroni, S. *see* Peressi, M. 34569

Barot, D.T., Sander, M.T., Sculati, J.R., Tanner, A.L., Steinfeld, G., Farooque, M. Performance, cost and marketing of 200 MW carbonate fuel cell power plants based on coal/natural gas/phased construction 8257

Baroth, E., Hartsough, C., Johnsen, L., McGregor, J., Powell-Meeks, M., Walsh, A., Wells, G., Chazanoff, S., Brunzie, T. A survey of data acquisition and analysis software tools. I 38416

Barouch, E., Coifman, R., Ma, J., Peckerar, M.C., Rokhlin, V. Advanced transformational analysis applied to e-beam proximity effect correction 2320

Barouch, E., Cole, D.C., Hollerbach, U., Orszag, S.A. Vector aerial image with off-axis illumination 2358

Barouch, E. *see* Arnold, W.H. 11041

Barouch, E. *see* Eib, N.K. 11063

Barouch, E. *see* Kunz, R.R. 2342

Barouch, E. *see* Rothschild, M. 27946

Barouch, E. *see* Templeton, M.K. 2339

Barov, N. *see* Hartman, S.C. 38818

Barov, N. *see* Rosenzweig, J. 42357

Barowski, H., Sattler, K.M., Schoepe, W. Static and dynamic forces on a permanent magnet levitating between superconducting surfaces 2923

Barquero, L.Rodriguez *see* Rodriguez Barquero, L.

Barr, A.P. *see* Manzer, A.M. 8084

Barr, D. *see* Geurts, J. 5076

Barr, D.L., Gualtieri, G.J., Case, C.B., Marcus, M.A., Brown, W.L. Iron redistribution in aluminum thin films 33721

Barr, D.L. *see* Oates, A.S. 34793

Barr, D.M. *see* Gummer, J.H. 16710

Barr, D.S. An adaptive feedback controller for transverse angle and position jitter correction in linear particle beam accelerators 15347

Barr, J.R.M. *see* Hughes, D.W. 12056

Barr, R. *see* Kimura, I. 47250

Barr, R.S. *see* Amini, M.M. 33497

Barrada, M. *see* Bath, A. 27599

Barragan, L.A., Roy, A. An empirical study of vision programs for data dependence analysis 13829

Barrat, M., Lepetit, O. Recursive wavelet transform for 2D signals 29695

Barratt, C. *see* Shul, R.J. 27770

Barratt, M. *see* Beebe, D. 14614

Barrau, J. *see* Maaref, H. 11817

Barrau, P. *see* Ballot, E. 47697

Barraud, A. *see* Perez, H. 31330

Barrault, M., Bernard, G., Maftoul, J., Rowe, S. Post-arc current measurement down to the ten milliamperes range 32506

Barraza, J. *see* Rodriguez, J. 8426

Barrce, M. *see* Marc, F. 43054

Barreh, J., Dhawan, S., Hicks, T., Shippy, D. The POWER2 processor 41919

Barrell, J. *see* Hoang, L. 18712

Barrere, F. *see* Bergougnoux, P. 30468

Barrero, J.M.Garcia *see* Garcia Barrero, J.M.

Barret, G., Gardet, F. An integrated approach to mixed-mode VLSI simulation and test with LabSMASH 27097

Barret, J.W., Parker, P.E. Smooth limits of piecewise-linear approximations 33511

Barret, M. *see* Benidir, M. 13463

Barreto, G., Butler, J.M., Wharton, C.B. Effect of structure length on relativistic backward-wave oscillator properties 42370

Barrett, C.P. *see* Walker, A.C. 11904

Barrett, G. Model checking in practice: the T9000 virtual channel processor 26967

Barrett, H.H. *see* Barber, H.B. 15748

Barrett, H.H. *see* Rogúlski, M.M. 15745

Barrett, H.H., Gmitro, A.F. *(editors)* Information Processing in Medical Imaging. 13th International Conference, IPMI '93 Proceedings 33251

Barrett, J. *see* Yamada, T. 42312

Barrett, K.E. LAN standards and policies: a how-to guide 22539

Barrett, M., Creighton, R. Development of a single chip digital beamforming network 45888

Barrett, M. *see* Wojtkowski, W.G. 30436

Barrett, O.R. *see* Abedini, Y.S. 31271

Barrett, P.A. Delta-4: an open architecture for dependable systems 14175

Barrett, R.C. *see* Terris, B.D. 42583

Barrett, R.F., Holdsworth, D.A. Frequency tracking using hidden Markov models with amplitude and phase information 13173

Barrett, R.F. *see* Quinn, B.G. 44888

Barrett, S.F., Jerath, M.R., Rylander, H.G., III, Welch, A.J. Digital tracking and control of retinal images 47121

Barrette, J. *see* Bayraktaroglu, B. 10439

Barrette, J. *see* Bayraktaroglu, B. 27204

Barrick, M., Bommarito, D., Holland, K., Norris, K.C., Patterson, B., Takamori, Y., Vigil, J., Wiltshire, T. Performance of a 0.50 NA broadband DUV step-and-scan system 2351

Barriere, A.S., Kim, B.Y., Mombelli, B., Porte, B., Desbat, B. Surface state of InP (100) substrates at different stages of a cleaning 34510

Barriere, J.P. *see* Becker, R.D. 39368

Barriere, M.T. *see* Haber, S.B. 39773

Barriere, M.T. *see* Haber, S.B. 39834

Barriga, A. *see* Bellido, M.J. 10121

Barringer, E.A., Heitzenrater, D.P., Tharp, M.R. Advanced planar solid oxide fuel cell: design concept and fabrication methodologies 17282

Barrington, D.A.M. *see* Frandsen, G.S. 41750

Barrios, A.E. A terrain parabolic equation model for propagation in the troposphere 44361

Barrios, L.J., Ruiz, A., Guinea, D., Ibanez, A., Bustos, P., Etxeberria, J. Experimental comparison of sensors for tool-wear monitoring on milling 14936

Barriot, E., Quervel, J.C., Seveque, F. Applicational products and services for business communication 45622

Barro, S., Presedo, J., Vila, J., Ruiz, R., Palacios, F. Patient management in CCUs: need for an intelligent interpretation of signals 7458

Barro, S. *see* Regueiro, C.V. 18939

Barron, A.E., Ivers, K. Simulation training for electronic mail systems 33273

Barron, A.R. *see* Jenkins, P.P. 42736

Barron, A.R. *see* Jenkins, P.P. 42979

Barron, B.S. *see* Bedge, S. 34718

Barron, C.C., Mahon, C.J., Thibeault, B.J., Coldren, L.A. Design, fabrication and characterization of high-speed asymmetric Fabry-Perot modulators for optical interconnect applications 28510

Barron, C.C., Mohan, C.J., Thibeault, B.J., Wang, G., Karin, J.R., Coldren, L.A., Bowers, J.E. Asymmetric Fabry-Perot modulators with millimeter-wave (37 GHz) frequency response 20403

Barron, J.L., Fleet, D.J., Beauchemin, S.S. Performance of optical flow techniques 45068

Barron, M. Integrated cost and schedule control 40866

Barron, R.L., Choe, W.J. Manufacturing considerations for the design of RF products 1696

Barros, F.J., Mendes, M.T. Analysis of product-mix, machine aggregation and dispatch schemes in microchip assembly 17809

Barros, J.G.Campos *see* Campos Barros, J.G.

Barros, M.Alves de *see* Alves de Barros, M.

Barroso, J.J. *see* Castro, P.J. 1479

Barrow, D., Vasant Kumar, C.V.R., Pascual, R., Sayer, M. Crystallization of sol gel PZT on aluminium and platinum metallizations 9691

Barrow, D. *see* Sayer, M. 28322

Barrow, D. *see* Woias, P. 6608

Barrow, D.A. *see* Marsh, J.H. 12253

Barrow, S.M. *see* Lhermite, F. 32924

Barry, C., Hickey, M., Noronha, C., Taranenko, N., Kasovsky, L. A multi-Gbit/s optical LAN utilizing a passive WDM star: towards an experimental prototype 30392

Barry, C.F. *see* Kazovsky, L.G. 5485

Barry, C.H. *see* Su, S.-L. 19939

Barry, D.M. *see* Meniconi, M. 11314

Barry, J.R. *see* Kahn, J.M. 23082

Barry, L.P., O'Dowd, R.F., Debau, J., Boittin, R. Tunable transform-limited pulse generation using self-injection locking of an FP laser 28865

Barry, L.P. *see* Debeau, J. 30728

Barry, L.P. *see* Debeau, J. 35823

Barry, M.L. Estimating the effects of process technology improvements on microprocessor performance 41929

Barry, R.A., Humblet, P.A. Latin routers, design and implementation 6068

Barry, S., McQuillan, P., Purser, M., Moffett, J. Implementing and proving security services for the RARE/COSINE community 14090

Barry, T.P., Liggett, K.K., Williamson, D.T., Reising, J.M. Enhanced recognition accuracy with the simultaneous use of three automated speech recognition systems 4585

Barry, W.C. Broad-band characteristics of circular button pickups 15344

Bars, D.le *see* le Bars, D.

Bars, J.Le *see* Le Bars, J.

Bars, M.Le *see* Le Bars, M.

Barsan, N. Conduction models in gas-sensing SnO_2 layers: grain-size effects and ambient atmosphere influence 31339

Barsky, A.G., Drab, E.S., Korneev, S.S., Levshin, V.L., Mousichenko, A.E., Nekroutenko, V.J., Nikolaev, V.A. Holographic processor of a cross-correlation function with the incoherent long-term memory 36057

Barsony, I. *see* Klappe, J.G.E. 2085

Barsotti, E. *see* Bowden, M. 38924

Barsov, V.I. *see* Gorbienko, I.D. 29735

Barsukov, A.F. *see* Shvyryaev, Yu.V. 25181

Bart, A. *see* Tinguely, C. 32287

Bart, G.C.J. *see* Jongste, J.F. 42605

Bart, M.le *see* le Bart, M.

Bartalucci, S., Boni, R., Gallo, A., Hsieh, H., Raffone, G., Spataro, B. Design criteria and measurements of the prototype of the DAΦNE accumulator cavity 15501

Bartalucci, S., Boni, R., Gallo, A., Palumbo, L., Parodi, R., Serio, M., Spataro, B., Vignola, G. DAΦNe accelerating cavity: R and D 15502

Bartalucci, S., Palumbo, L., Serio, M., Spataro, B., Vignola, G., Zobov, M., Fedele, R., Di Massa, G., Masullo, M.R., Vaccaro, V.G. Impedance and beam dynamics in DAΦNE 7054

Bartalucci, S., Serio, M., Spataro, B., Zobov, M., Palumbo, L. Broad-band model impedance for DAΦNE main rings 31551

Bartel, S. *see* Pannenbacker, K. 25097

Bartell, P. *see* Cilliers, P.J. 24266

Bartella, J.C. *see* Beranek, M.W. 23683

Bartels, B.E., Chang, N. Future fighter fable: a day in the life of a future fighter-how do we get there from here? 39431

Bartels, C.W., Marron, D.B. Making emissions trading work: the role of a new computer-assisted market 7798

Bartels, J.A. *see* de Jongh, K.H.R. 40658

Bartels, S. Top-down design faster and simpler. Produce synthesisable VHDL descriptions with SPeeDCHART-VHDL automatically 41766

Barter, J.D., Lee, P.H.Y. Real-time wave-amplitude spectrum analyzer for air-liquid interfaces 46620

Bartezzaghi, E., Pedrelli, M., Savoldelli, A. A general methodology to evaluate the economical, environmental and social impacts related to the diffusion of electric vehicles 48296

Barth, E., Caelli, T., Zetzsche, C. Image encoding, labeling, and reconstruction from differential geometry 5119

Barth, H., Rockenbach, G. TMN aspects regarding radio relay systems for SDH and PDH signals 14061

Barth, H. *see* Backe, H. 47013

Barth, M.J., Tsuji, S. Egomotion determination through an intelligent gaze control strategy 22262

Barth, M.J. *see* Clark, G.A. 22294

Barth, R., Spangenberg, B., Kurz, H. Dry etching studies of $YBa_2Cu_3O_{7-\delta}$ nm structures at cryogenic temperatures 28401

Barth, R. *see* Avdeev, S.P. 7275

Barth, R. *see* Avdeyev, S.P. 7149

Barth, R. *see* Schley, P. 23725

Barth, W., Schempp, A. Funneling of low energy ion beams 15545

Barthe, F. *see* Moison, J.M. 18205

Barthe, J. *see* Boutruche, B. 47141

Barthel, B., Hymes, L. Implementation of ANSI/J-STD-001: process control requirements in a contract manufacturing environment 34435

Barthelemy, H. *see* Fabre, A. 42038

Barthelemy, M. *see* Zhou, J.W. 6499

Barthelemy, P. *see* Dou, H. 22551

Barthelmie, R.J. Prospects for offshore wind energy: the state of the art and future opportunities 8256

Bartholet, W.G. *see* Baze, M.P. 35073

Bartholomew, D. *see* Schiebel, R.A. 11133

Bartholomew, R.F. *see* Newhouse, M.A. 43796

Bartholomew-Biggs, M.C., Nguyen, T.T. Orthogonal and conjugate basis methods for solving equality constrained minimization problems 9428

Bartke, J. *see* Bachler, J. 46934

Bartkiewicz, G.W., Berkowitz, R.L. Preliminary requirements for satellite based automatic dependent surveillance (ADS) 39331

Bartl, R. *see* Pinz, A. 45174

Bartl, W. A drift tube detector for the DELPHI experiment 31663

Bartlet, J. System simulation using multiple microprocessor model types 977

Bartlett, A. *see* Golz, J. 15038

Bartlett, A.D. *see* Carlton, G. 38060

Bartlett, A.D. *see* Jackson, G.H. 16341

Bartlett, C.T. A second generation holographic head up display 46553

Bartlett, D. Consider testability when designing mixed-signal ASICs 18894

Bartlett, D.T. Personal dosemeter calibration requirements: are they reasonable? 39121

Bartlett, E.B. *see* Basu, A. 32619

Bartlett, P.N., Birkin, P.R. The application of conducting polymers in biosensors 31324

Bartlett, S. *see* Chan, G.K. 45783

Bartley, P.G. *see* Hearn, C.P. 6747

Bartley, W.H. *see* Rode, D.M. 8040

Bartmann, W.P. *see* Hartlieb, E. 16936
Bartnikas, R., Novak, J.P. On the character of different forms of partial discharge and their related terminologies 35110
Bartnikas, R. *see* Densley, R.J. 47531
Bartnikas, R. *see* Hudon, C. 43205
Bartnikas, R. *see* Mazroua, A.A. 35116
Bartoli, F.J. *see* Hoffman, C.A. 10683
Bartoli, F.J. *see* Hoffman, C.A. 42516
Bartolini, F. *see* Mecocci, A. 30140
Bartolo, B.Di *see* Di Bartolo, B.
Bartolo, D.de *see* de Bartolo, D.
Bartolo, F. *see* Nguyen, H.T. 9022
Bartolome, A.R. Learning styles: interactivity levels and path control 33265
Bartolomeo, M.Di *see* Di Bartolomeo, M.
Bartoloni, A., D'Amelio, C., Zirilli, F. Wind reconstruction from Ku-band or C-band scatterometer data 32087
Bartolozzi, M., Braccini, G., Marconi, P.F., Bonvini, S. Recovery of zinc and manganese from spent batteries 48052
Bartolucci, G., Giannini, F., Limiti, E. Wideband equivalent circuit model of nonsymmetrical microstrip double step discontinuities 21354
Barton, C. Pre-emptive testing in the access network 22472
Barton, C. Pre-emptive testing in the access network 22473
Barton, D.L., Dunlop, D.D. An introduction to MHDL 1585
Barton, D.L. *see* Dreike, P.L. 42224
Barton, J.M. *see* Wojtkowski, W.G. 30436
Barton, J.S. *see* Haran, F.M. 2954
Barton, J.S. *see* McBride, R. 15257
Barton, M. *see* Davies, R.L. 45800
Barton, P.E. *see* Jaenisch, H.M. 5088
Barton, R. *see* Brotherton, T. 14733
Barton, R. *see* Marple, L. 21893
Barton, R.R. A simple simulation model for teaching design of experiments and process optimization 26097
Barton, R.S. *see* Juday, R.D. 30120
Barton, S. *see* Xue, H. 14258
Barton, S.K., Al-Jalili, Y.O. A multi-carrier demodulator architecture for SMS/IBS 5846
Barton, S.K. *see* Al-Jalili, Y.O. 22303
Barton, S.K. *see* Guo, Y.J. 12757
Barton, S.K. *see* Guo, Y.J. 21418
Barton, S.K. *see* Guo, Y.J. 21445
Barton, S.K. *see* Hussain, S. 22923
Barton, S.K. *see* Hussain, S. 22945
Barton, S.K. *see* Hussain, S. 22983
Barton, S.K. *see* Shahid, M. 21495
Barton, S.K. *see* Smith, H. 37930
Barton, S.K. *see* Wilkinson, T.A. 14397
Barton, T.A. *see* Fuhrmann, D.R. 29708
Barton, T.J. *see* Swanson, L.S. 35614
Bartoo, M.L. *see* Fearn, L.A. 31889
Bartos, F.J. The time is right for small AC drives 25871
Bartos, F.J. The next generation is here for Simoreg DC drives 33095
Bartos, J. Determination of capture rates from non-equilibrium quasistatic *C-U* characteristics of MIS capacitors 34625
Bartos, J. *see* Thurzo, I. 11122
Bartos, S. Evaluation of the final developments in the voltage-source nonresonant GTO PWM inverters for asynchronous traction drives 47956
Bartosiewicz, L., Jasinski, A., Zakrzewski, Z. Properties of the DC resonant link resulting from a control method 47963
Bartosiewicz, L. *see* Domino, A. 8616
Bartosiewicz, L. *see* Jasinski, A. 47964
Bartosz, E. *see* Hagopian, V. 24019
Bartram, M.E., Howard, A.J., Baca, A.G., Shul, R.J., Rieger, D.J. A new method for promoting photoresist adhesion on tungsten films for self-aligned refractory gates on GaAs 11022
Bartroli, J. *see* Alegret, S. 6606
Bartroli, J. *see* Baro-Roma, J. 6467
Bartroli, J. *see* de Gracia, J. 6430
Bartroli, J. *see* Martorell, D. 6605
Bartroli, J. *see* Valdes-Perezgasga, F. 6474
Barts, T. *see* Chou, W. 46706
Barts, T. *see* Garren, A.A. 46763
Bartsch, B., Braeske, T., Reuter, R. Oceanic lidar: radiative transfer in the atmosphere at operating altitudes from 100 m to 100 km 24510
Bartsch, R.R. *see* Rej, D.J. 6882
Bartucca, F., Biglieri, E. DS-SSMA capacity for a mobile satellite system 37084
Barty, C.P.J., Lemoff, B.E., Gordon, C.L., III Generation, measurement, and amplification of 20-fs high-peak-power pulses from a regeneratively initiated self-mode-locked Ti:sapphire laser 20697
Bartz, D., Fields, M. Creating a concurrent engineering environment to enhance supportability of the F/A-18E/F aircraft 24415
Bartz, M. Large-scale dithering enhances ADC dynamic range 10229
Bartz, M., Bayern, K.A., Diederichs, J.R., Kelley, D.F. Baseband vector signal analyzer hardware design 23483
Bartzke, K., Antrack, T., Schmidt, K.-H., Dammann, E., Schatterny, C. The needle sensor—a micromechanical detector for atomic force microscopy 38468
Baru, S.E. *see* Martinez-Davalos, A. 7342
Barua, A., Choudhary, K.A. EXSHOF: an artificial intelligence approach to high-order filter synthesis 18856
Barua, A.K. *see* Banerjee, R. 795
Barua, A.K. *see* Saha, S.C. 18261
Barua, K., Das, M.K., Reddy, T.Rs., Mishra, S.S., Rajendra Kumar, S. Thick film potentiometric sensor for flight control actuation system 23547
Barua, R. *see* Pal Choudhury, P. 41833
Baruch, N. *see* Zhang, Y. 46444
Barue, C. *see* Melin, G. 15579
Barus, M., Donoval, D. CAMPEX—a general tool for the development of computer aided measurement, parameters extraction and data visualization software 14887
Barus, M. *see* Racko, J. 10742
Barvainis, R., Ball, J.A., Ingalls, R.P., Salah, J.E. The Haystack Observatory λ3-mm upgrade 46149
Barvman, J.C. *see* Meissner, P.L. 1939
Barwolff, A. *see* Klehr, A. 35768
Barwood, G.P., Edwards, C.S., Gill, P., Klein, H.A., Rowley, W.R.C. Development of diode and fibre laser sources for a Sr^{+} trapped ion optical frequency standard 6297
Barwood, G.P., Gill, P., Rowley, W.R.C. Optically narrowed Rb-stabilised GaAlAs diode laser frequency standards with 1.5×10^{-10} absolute accuracy 6296
Barwood, G.P., Gill, P., Rowley, W.R.C. Laser diodes for length determination using swept-frequency interferometry 6798
Barwood, G.P. *see* Knight, D.J.E. 6295
Barybin, A.A., Perepelovski, V.V. Effective boundary of channel in quasi-two-dimensional simulation of thin-film semiconductor devices 42995
Barykin, A.A., Davydov, S.V., Dorokhov, V.D., Zakharov, V.P., Butuzov, V.V. Generation of the second harmonic of CO_2 laser pulses in a $ZnGeP_2$ crystal 12339
Barykin, B.M. *see* Akopov, F.A. 25797
Baryshev, A.M. *see* Koshelets, V.P. 10492
Baryshev, Yu.P. *see* Avtaeva, S.A. 27398
Baryshev, Y.V., Kazarezov, I.V., Kozyrev, E.V., Kuznetsov, G.I., Makarov, I.G., Nezhevenko, O.A., Persov, B.Z., Tiunov, M.A., Yakovlev, V.P., Zapryagaev, I.A. A 100 MW electron source with extremely high beam area compression 31656
Baryshnikov, O.P. *see* Kudrin, B.I. 8290
Barzanti, L.J. *see* Danson, C.N. 3569
Barzilai, T.P. *see* Kandlur, D. 37609
Barzoukas, M. *see* Messier, J. 12356
Basak, A. A DC linear motor with sectional armature winding 40238
Basak, A., Flores Filho, A.F. The assessment and design of a novel brushless DC linear motor 8460
Basak, A. *see* Kano, Y. 44266
Basak, B.K. System architecture of a FETEX-150 switch 14332
Basak, D., Sen, S.K. Electrical conduction in aluminium/yttrium oxide/aluminium sandwich structure 42597
Basak, J. *see* Mukherjee, D.P. 13674
Basak, P.S. *see* Saha, D.P. 48117
Basar, T. *see* Veeravalli, V.V. 44934
Basart, J.P. *see* Doering, E.R. 9833
Basavaiah, S. *see* Kobeda, E. 11291
Basavanhally, N.R. *see* Nordin, R.A. 43415
Basbug, F. *see* Erdol, N. 21765
Basch, T. *see* Kessler, D.H. 8183
Baschant, D., Gatzmanga, H. A model for the calculation of the cross sensitivity of NDIR-photometers with electronic radiation detectors 23477
Baschirotto, A., Castello, R., Montecchi, F. Design strategy for low-voltage SC circuits 42039
Baschnagel, A. *see* Otani, K. 8966
Baselli, G. *see* Porta, A. 36751
Basevich, A.B. *see* Gevorkyan, A.G. 23391
Basha, A.M., Anantha Raman, K. PC based IIR filter algorithm for power transformer relaying 25489
Basha, A.M., Janardhanan, P., Bindu, R. PC-based protective relaying algorithms for generator using digital filters 40100
Basha, A.M., Varghese, J.P., Oommen, A.O. Computer-aided relay co-ordination in industrial power system 9023
Bashagha, A.E., Ibrahim, M.K. Design of a square-root architecture: digit-serial approach 26809
Bashar, S.A., Rezazadeh, A.A. Realization of fast photoreceivers based on ITO/n-GaAs Schottky diodes 43632
Bashar, S.A. *see* Matin, M.A. 35837
Basharin, S.A., Matkhanov, P.N., Boyarkina, M.G. Synthesis of macromodels for non-linear dynamic circuits 33857
Bashaw, M.C., Aharoni, A., Hesselink, L. Phase-conjugate replay for a-axis strontium barium niobate single-crystal fibers 11578
Bashaw, M.C. *see* Aharoni, A. 35308
Bashaw, M.C. *see* Hesselink, L. 11562
Basher, E., Choudhury, T.A., Khan, P.K.S. Computer aided analysis of alternator dynamics during transient conditions 47844
Bashin, G.M. Multialternative invariant detection of a weak fading signal against a background of stationary interference of unknown intensity 13290
Bashindzhagyan, G. *see* Arodzero, A. 7256
Bashir, R., Venkatesan, S., Yen, H., Neudeck, G.W., Kvam, E.P. Doping of polycrystalline silicon films using an arsenic spin-on-glass source and surface smoothness 2033
Bashir, R. *see* Yen, H. 9564
Bashir, Y. *see* Kulakowski, P. 15854
Bashir Uddin, Md., Akhtar, M., Rezwan Khan, Md., Choudhury, M.A., Rahman, M.A. Phase shifting by static PWM cycloconverters and inverters for starting single phase induction motors 8371
Bashir Uddin, Md., Choudhury, M.A., Rahman, M.A. PWM DC-DC converters for DC-AC conversion in an UPS 8515
Bashirov, R.I., Elizarov, V.A. Germanium amplifier 33903
Bashtavelova, E., Winsel, A. PbO_2 active material as an electrocrystalline network 17217
Bashtavelova, E. *see* Winsel, A. 17216
Basiev, T.T., Grudinin, A.B., Karasik, A.Ya., Senatorov, A.K., Sobol', A.A., Fedorov, V.V., Shubochkin, R.L. Picosecond laser with active mode locking and calcium lithium niobium gallium disordered Nd^{3+}-activated garnet 43807
Basiev, T.T. *see* Loutts, G.B. 18126
Basile, C. *see* Yo-Sung Ho 30990
Basile, P., Cutugno, F., Maturi, P. The wavelet transform and phonetic analysis 4543
Basini, G. *see* Bocciolini, M. 24082
Basir, O.A., Shen, H.C. Sensory data fusion: a team consensus approach 21846
Basista, J., Oleksy, J. Simple test circuit provides IGBT conduction and switching losses 2445
Basiuk, E.V. *see* Dmitruk, N.L. 19581
Baskaran, S. *see* Bride, J.A. 18303
Basle, S. *see* Richard, C.J. 38327
Basmaji, P. *see* Lubyshev, D.I. 730
Basore, P.A. Defining terms for crystalline silicon solar cells 48127
Basov, N.G., Bakaev, V.G., Bogdanovskii, A.V., Vadkovskii, A.V., Grigor'yants, E.A., Zvorykin, V.D., Metreveli, G.E., Suchkov, A.F., Sychugov, G.V. E-beam pumped 'Garpun' broadband KrF laser with ~1 GW pulsed lasing power 28739
Basov, N.G., Vadkovskii, A.D., Zvorykin, V.D., Metreveli, G.E., Suchkov, A.F. Injection control of the parameters of radiation emitted by a high-power KrF laser pumped by an electron beam 43734
Bass, C. *see* Axsmith, W.G. 8025
Bass, I.L. Closely spaced mirror pair for reshaping and homogenizing pump beams in laser amplifiers 28952
Bass, M. *see* Munin, E. 3836
Bass, M. *see* Nicholls, J.F.H. 20730
Bass, M. *see* Paugstadt, R. 43772
Bass, M. *see* Schmaul, B. 20737
Bass, M. *see* Zhang, X.X. 20684
Bass, M. *see* Zhang, X.X. 20729
Bass, M. *see* Zhang, X.X. 20732
Bass, M. *see* Zhang, X.X. 20736
Bass, M.A. *see* Loutts, G.B. 18126
Bass, R.S. *see* Hanafi, H.I. 42957
Bass, R.S. *see* Licata, T.J. 34819
Bassaler, J.M., Baudrand, H. Calculation of the resonance frequencies of the Rhodotron cavity using Green function 15433
Bassaler, J.M. *see* Gal, O. 7059
Bassalygo, L.A. Lower bounds on the probability of successful substitution of messages 29473
Bassalygo, L.A. *see* Ahlswede, R. 21627
Bassan, M. *see* Giudicotti, L. 27443
Bassani, F., Tatarenko, S., Kheng, K., Jouneau, P.H., Saminadayer, K., Magnea, N., Cox, R. Donor doping of (211) CdTe epilayers and CdTe/CdZnTe piezoelectric heterostructures by molecular beam epitaxy 10848
Bassani, F. *see* Chen, Y. 20940
Bassano, L.C., Dragoni, C. Overvoltages and protective devices in systems up to 132 kV 32483
Bassato, G. *see* Facco, A. 31554
Bassato, G. *see* Fortuna, G. 6906
Bassett, D.L. Control of tap change under load transformers through the use of programmable logic controllers 32253
Bassett, I.M. *see* Geers, D.G. 35402
Bassett, I.M. *see* Lo, K.M. 38545
Bassett, R.N., Clark, R.D., Kuhlman, M.A., Smith, G.H., Wolfe, J.E. Development of a miniaturized multichip-module (MCM) valve driver 351
Bassett, S., Winchell, M. Standard cell routing optimization using a genetic algorithm 41560
Bassetti, M., Boni, R., Gallo, A., Migliorati, M., Palumbo, L., Serio, M., Verolino, L. Beam loading in DAΦNE cavities 7053
Bassetti, M., Coiro, O., Ghigo, A., Migliorati, M., Palumbo, L., Serio, M. DAΦNE longitudinal feedback 7055
Basseville, M., Benveniste, A., Gach-Devauchelle, B., Goursat, M., Bonnecase, D., Dorey, P., Prevosto, M., Olagnon, M. In situ damage monitoring in vibration mechanics: diagnostics and predictive maintenance 6865
Basseville, M. *see* Zhang, Q. 17785

Bassi, E., Benzi, F., Bellon, A. Arc furnaces, static converters and other disturbing loads 7736
Bassi, E. *see* Ascagni, S. 17496
Bassi, P. *see* Gao, P. 3283
Bassini, R., Boiano, C., Brambilla, S., Malatesta, M. An eight-channel time-to-digital converter on a VME board 38911
Bassiouni, M.A. Analysis of data loss rates in finite communication buffers with semi-Markov producers and consumers 45313
Bassiouni, M.A., Tzannes, N.S., Tzannes, M.C. High-fidelity integrated lossless/lossy compression and reconstruction of images 5019
Bassiri, S., Hajj, G.A. Higher-order ionospheric effects on the Global Positioning System observables and means of modeling them 39340
Bassler, H. Charge transport in random organic photoconductors 28592
Basso, A. Autoassociative neural networks for image compression: a massively parallel implementation 4892
Basso, A., Geurtz, A., Kunt, M. Image coding based on zerocrossing and energy information 30082
Basso, A. *see* Li, W. 22191
Basso, R. *see* Angrilli, F. 46640
Basso, V., Bertotti, G. Description of magnetic interactions and Henkel plots by the Preisach hysteresis model 43244
Bassous, E., Freeman, M., Halbout, J.-M., Iyer, S.S., Kesan, V.P., Munguia, P., Pesarcik, S.F., Williams, B.L. Characterization of microporous silicon fabricated by immersion scanning 1891
Bastard, D. *see* Molina, C. 21997
Basten, M.A. *see* Booske, J.H. 15472
Basterrechea, J., Catedra, M.F. Electromagnetic analysis of complex microstrip structures using a CG-FFT scheme 27131
Basterrechea, J., Catedra, M.F. Computation of microstrip S-parameters using a CG-FFT scheme 42134
Basti, G. *see* Perrone, A.L. 24066
Bastiaansen, H.J.M., van der Keur, J.M., Blok, B. Rigorously modeling short bent, graded-index dielectric slab waveguides 35437
Bastiaens, H.M.J. *see* Lankhorst, F.T.J.L. 11936
Bastiaens, K., Lemahieu, I., Desmedt, P. On the use of a multi-threaded operating system for an efficient parallel implementation of the ML-EM algorithm for PET image reconstruction 47051
Bastida, E.M., Donzelli, G.P., Longari, C., Pagani, M., Rasa, F., Scopelliti, L. Efficient development of power FETs and micromodules 28203
Bastida, E.M., Donzelli, G.P., Magistrali, F., Pagani, M. Design yield and reliability issues in mass producible MMICs 27286
Bastie, J. *see* Lecollinet, P. 23613
Bastien, F. *see* El Habti, A. 20062
Bastien, S.P. *see* Bao, J. 3512
Bastien, S.P. *see* Krishnan, M. 3510
Bastien, S.P. *see* Sridhar, B. 3507
Bastien, S.P. *see* Sridhar, B. 3515
Bastien-Thiry, C. SE-TC2: Telecom 2 expert system (the first expert system in a CNES satellite control centre) 22976
Basting, D. *see* Frowein, H. 20626
Bastos, F. *see* da Silva, L. 37291
Bastos, R.M.R.de *see* de Bastos, R.M.R.
Bastos, T.Freire *see* Freire Bastos, T.
Basu, A., Bartlett, E.B. Backpropagation architecture optimization and an application in nuclear power plant diagnostics 32619
Basu, A. *see* Sarkar, S. 41584
Basu, A.K. *see* Damle, S.H. 30907
Basu, B.N. *see* Jain, P.K. 27432
Basu, D., Singh, U.S. Electronics for India's satellite launch vehicles 32034
Basu, D.K. *see* Chakraborti, A. 25036
Basu, D.K. *see* Kundu, M. 31960
Basu, D.K. *see* Mitra, M. 27085
Basu, K. *see* Shafik, E. 45460
Basu, S., Basu, Su., Chaturvedi, P.K., Bryant, C.M., Jr. Irregularity structures in the cusp/cleft and polar cap regions 44344
Basu, S., Chiang, C.-H. A complete parametrization of 2D nonseparable orthonormal wavelets 13307
Basu, S., Maas, S.A. Design and performance of a planar star mixer 34259
Basu, S. *see* Wang, Z. 44345
Basu, S.K. *see* Goswami, S.K. 39583
Basu, S.K. *see* Goswami, S.K. 39588
Basu, S.K. *see* Goswami, S.K. 39658
Basu, S.K. *see* Mitra, M. 27085
Basu, Su. *see* Basu, S. 44344
Basu, Su. *see* Decker, D.T. 47253
Basuray, A. *see* Seth, M. 45141
Basyigit, C., Uctug Yildirim, M., Bulent Ertan, H. Analysis of a wind turbine driven pole amplitude modulated induction generator 40074
Basztura, C., Sawczyn, T. Automatic speech signal segmentation with chosen parametrization method 13071
Batabyal, A.K. *see* Banerjee, R. 795
Batabyal, A.K. *see* Sharma, S.N. 27468
Batagelj, V., Korenjak-Cerne, S., Klavzar, S. Dynamic programming and convex clustering 33494
Bataillard, P. *see* Hendji, A.N. 6610
Bataineh, A., Ozguner, F., Szauter, I. Parallel logic and fault simulation algorithms for shared memory vector machines 26872
Bataineh, A., Ozguner, F., Szauter, I. Parallel and vector logic and fault simulation algorithms on the Cray Y-MP supercomputer 33814
Batalama, S.N., Pados, D.A., Papatheodorou, T.S. A heuristic single-row router minimizing interstreet crossings 930
Batalov, A.A., Vorob'ev, A.P., Golovkin, V.F., Eremchenko, E.N., Kistenev, E.P., Komarov, V.I., Musyura, S.P., Platonov, V.G., Rodnov, Yu.V., Sergeev, V.A., Smol', A.V., Tikhonov, V.V., Kholodenko, A.G., Tsyupa, Yu.P. A hadron calorimeter with cylindrical compressed-gas ionization chambers 46920
Batani, D. *see* Bollanti, S. 24124
Batani, D. *see* Turcu, I.C.E. 28025
Batanov, A.S., Zubkov, V.L., Kartsev, Yu.A., Sazonov, D.M., Frolov, N.Ya. Determination of the characteristics of a reflective phased antenna array in a waveguide simulator by the alternate replacement of the reflective elements by transmitting 4334
Batard, C. *see* Alonso, C. 2490
Batarseh, I. *see* Liu, R. 40316
Batarseh, I. *see* Megalemos, C. 26716
Batchelder, J.S. *see* Taubenblatt, M.A. 6826
Batchellor, C.R., Holliday, M.G., Thorley, A.M. A novel coherent communications transceiver 38094
Batchelor, A.R. Heat sink analysis for two-terminal cylindrical microwave oscillator devices 42199
Batchelor, B.G., Whelan, P.F. Generalisation procedures for colour recognition 45229
Batchelor, B.G. *see* Wani, M.A. 6353
Batchelor, B.G. *see* Whelan, P.F. 29981
Batchelor, J.C., Langley, R.J. Switched dual mode patch antennas for mobile systems 45787
Bate, G. Data storage technologies 35242
Batechlor, R.A., Archer, J.W., Bird, T.S., Giugni, S., Kot, J.S., Nikolic, N., Ostry, D.I., Percival, T.M., Young, A.C. Australian activities in microwave links for wireless LANs 5733
Batek, T.J. New breed of BLDC motor can fit servo applications 16905
Batelaan, P. *see* Febvre, P. 6168
Bateman, A., Mu Li, Chan, K. Implementation of the LINC transmitter using the combined analogue locked loop universal modulator (CALLUM) 23273
Bateman, D.G. *see* Bird, T.S. 12784
Bateman, S.C., Kao, W.H. Simulation of an integrated design and test environment for mixed-signal integrated circuits 1341
Bates, C.A. *see* Barmby, P.W. 42837
Bates, G.A. The use of GPS in a mobile data acquisition system 48235
Bates, I. *see* Rao, V. 40079
Bates, J.B., Gruzalski, G.R., Dudney, N.J., Luck, C.F. New amorphous thin-film lithium electrolyte and rechargeable microbattery 17251
Bates, J.K. A theory for an acoustic perception system 13087
Bates, J.L. *see* Armstrong, T.R. 17373
Bates, J.L. *see* Chick, L.A. 17347
Bates, J.L. *see* Youngblood, G.E. 17369
Bates, K. *see* Bernacki, B.E. 2935
Bates, M.E. The Baby Bells and information services 22404
Bates, R. EMC gaskets—traps to avoid 36244
Bates, R. Experience gained through worldwide field trials & early volume deployment [optical fibre systems] 38043
Bates, S., Munday, D.J., Parker, M.A., Anghinolfi, F., Chilingarov, A., Ciasnohova, A., Glaser, M., Jarron, P., Lemeilleur, F., Santiard, J.C., Gossling, C., Lisowski, B., Pilath, S., Rolf, A., Bonino, R., Clark, A.G., Kambara, H., Wu, X., Fretwurst, E., Lindstrom, G., Schulz, T., Moorhead, G.F., Taylor, G.N., Tovey, S.N., Hawkings, R., Weidberg, A., Teiger, J. Study of neutron irradiated silicon counters with a fast amplifier 24057
Bates, S. *see* Borer, K. 7221
Bates, T. *see* Kremann, R.W. 16649
Bateson, K.N. *see* Hamill, D.C. 16971
Bath, A., Papaioannou, G.J., Lepley, B., Barrada, M. On the interface state distribution of BN on InP structures 27599
Bath, H. *see* Jairath, R. 19606
Batha, H.D. Effect of piezoelectric rod orientation on optimum sensitivity 20046
Batha, H.D. *see* Darrah, S.D. 11358
Bathaee, S.M.T., Abedi, M., Hashemi G, S.M.R. Adaptive control algorithm for voltage and frequency control of isolated induction generator 8375
Bathe, P. *see* Zhang, W. 36852
Batinic, M. *see* Helmreich, K. 42375
Batista, J. *see* Dias, J. 13695
Bat'kaev, D.D. *see* Plokhoi, V.V. 7213
Batkin, I.S. *see* Al-Harkan, A.M. 38631
Batley, T.W. Managing product quality in New Zealand firms 9330
Batra, S., Maddox, R., Tran, L., Manning, M., Dennison, C., Fazan, P. Development of polysilicon TFTs for 16 MB SRAMs and beyond 18720
Batra, S. *see* Bhattacharya, S. 11163
Batra, S. *see* Mayhew, L. 32248
Batra, S. *see* Sultan, A. 2024
Batra, S. *see* Sultan, A. 19519
Batra, S. *see* Sultan, A. 42623
Batrakov, A.S., Ivanov, V.P. Recognition of 3-D objects in the image of a scene 4954
Batrakov, A.V., Popov, S.A., Proskurovskii, D.I. Lag time of a liquid-metal cathode 42356
Batrakov, D.O., Zhuk, N.P. An iterative solution to the inverse problem of remote sensing of nonuniform media based on values of the polarization parameters 29132
Batrouni, G.G., Hansen, A., Ristow, G.H. Tolerance and sensitivity in the fuse network 34320
Batsyn, M.Ya., Korjagina, G.M., Morozov, G.N., Sokolov, Yu.N., Ju Zixiang, Wang Bingnan, Chen Dongqing Technical-economic analysis of commercialization of coal-fired MHD power plants 25316
Battaglia, M. *see* Adam, W. 46929
Battaglia, V., Newman, J. Magnetic field effects in high-power batteries. I. The penetration of an electric field into a cylindrical conductor 48082
Battaglia, V., Newman, J. Magnetic field effects in high-power batteries. II. Time constant of a radial circuit terminated by a cylindrical cell with inductance 48083
Battaiotto, P. *see* Bocciolini, M. 24082
Battenschlag, P. *see* Auer, E. 22951
Battersby, N. *see* Taylor, G.E. 10352
Battersby, N. *see* Toumazou, C. 10364
Battersby, N.C. *see* Toumazou, C. 1310
Battiato, J.M. *see* Stone, T.W. 35526
Battini, M., Bessi, F., Chiti, S., Pomponi, R. LEMP effects on equipment in telecommunication centres 45693
Battista, S. *see* Pires, C. 23306
Battiste, V., Downs, M. Development of an electronic chart display system (ECD) with global positioning satellite (GPS) data 39213
Battiste, V. *see* Hart, S.G. 7694
Battistella, A. *see* Facco, A. 15404
Battistella, A. *see* Facco, A. 31554
Battistella, A. *see* Fortuna, G. 6906
Battiston, R. *see* DiBitonto, D. 31722
Battle, M.O. *see* Bebek, C.J. 31786
Batts, M.D. *see* Harris, D.G. 14179
Batty, W., Allsopp, D.W.E. Enhanced electroabsorption characteristics in δ-doped quantum well optical modulators 11684
Batukova, L.M. *see* Karpovich, I.A. 34760
Batur, C. *see* Srinivasan, A. 33442
Baturin, V.A. *see* Antsiferov, V.V. 46726
Batygin, Y.K. BEAMPATH: a program library for beam dynamics simulation in linear accelerators 7060
Batygin, Y.K. Particle distribution generator in 4D phase space 46764
Batygin, Y.K. *see* Danilov, V.D. 7010
Batygin, Yu.V. Field penetration through thin sheet blanks in inductor systems for pulse magnetic installations 8531
Bau, H.H. *see* Kim, J.O. 14929
Baublis, D.C., Miller, J.A. A utility perspective: NO_x control for six tangentially-fired boilers 8186
Baucells, J. *see* Mier, P. 27256
Baucells Boix, J. Ku-band solid state power amplifiers for the new European satellites 27231
Bauch, L., Bauer, J., Bottcher, M., Haack, U., Hoppner, W., Mehliss, G. Chromeless phase mask by resist silylation for i-line lithography 2356
Bauch, L., Bottcher, M., Wolff, A., Jagdhold, U., Ludwig, I., Mehliss, G. Silylation and dry development of e-beam resist 2311
Bauch, L., Wolff, A., Jagdhold, U., Skaloud, T., Bauer, J. Dry etching pattern transfer of 0.3 μm structures in technological layers using transmission phase masks 27761
Bauchert, K.A. Real-time hardware implementation of an optical correlation image preprocessing algorithm using an off-the-shelf image processing board, [TOPS system] 30106
Bauchert, K.A. *see* Hahn, W.B. Jr. 30107
Bauchot, F.J. *see* Bantz, D.F. 45546
Baucke, R.C., D'Angelo, J. Numerical imaging of finite element frequency domain solutions 44356
Baucom, K.C. *see* Biefeld, R.M. 9524
Baucom, K.C. *see* Biefeld, R.M. 41262
Baucom, K.C. *see* Kurtz, S.R. 35766
Baucom, T.C. Multimedia and wireless communications 37228
Baud, L. *see* Billon, T. 28156
Baudat, P.A. *see* McKinley, J.T. 44082
Baude, P.F., Tamagawa, C.Ye.T., Polla, D.L. Fabrication of sol-gel derived ferroelectric PLZT (9/65/35) optical waveguides 11634
Baude, P.F., Ye, C., Polla, D.L. Chemically assisted ion-beam etching of sol-gel derived PZT, PLZT and $LiTaO_3$ thin films for silicon based device integration 28310
Baude, P.F. *see* Haase, M.A. 3590
Baude, P.F. *see* Haase, M.A. 28812
Baudet, J. *see* Heddebaut, B. 35079
Baudet, M. *see* Lambert, B. 9637
Baudet, M. *see* Lambert, B. 28494

Baudo, G., Calasanzio, D., Chilese, M., Lodi, G. The valve-regulated lead-acid battery for future EV's applications 48252
Baudoin, G. *see* Mauc, M. 13153
Baudois, D. *see* Serviere, C. 4726
Baudois, D. *see* Serviere, C. 21771
Baudon, Y. *see* Gerbaud, L. 17473
Baudrand, H. *see* Aubrion, M. 10495
Baudrand, H. *see* Bassaler, J.M. 15433
Baudrand, H. *see* Boone, F. 36302
Baudrand, H. *see* Bouzidi, F. 27160
Baudrand, H. *see* Chramiec, J. 27183
Baudrand, H. *see* Ghomi, M. 29337
Baudrand, H. *see* Guillot, P. 1429
Baudrand, H. *see* Guillot, P. 42174
Baudrand, H. *see* Le Roy, I. 30899
Baudrand, H. *see* Proust, I. 29332
Baudrand, H. *see* Pujol, S. 19090
Baudrand, H. *see* Tao, J.-W. 27123
Baudras-Chardigny, E. Management of RCE networks 14043
Baudron, J., Khadr, A., Kocsis, F. Availability and survivability of SDH networks 22419
Baudru, F. *see* Vinet, F. 2367
Baudry, L., Thobel, J.L., Charef, M., Dessenne, F., Bourel, P. Influence of the screening model and wave-function shape on impurity scattering mobility in quantum wire 19384
Baudry, L. *see* Thobel, J.L. 19383
Bauduin, B. *see* Boulaire, J.Y. 5263
Bauer, A., Godon, M., Carlier, J., Ma, Q., Tipping, R.H. Absorption by H_2O and H_2O-N_2 mixtures at 153 GHz 4121
Bauer, A., Ludeke, R. Direct determination of impact ionization quantum yield in Si by ballistic-electron-emission microscopy 27471
Bauer, A.H. *see* Copeland, D.A. 28708
Bauer, B., Henry, F., Schimpe, R. Gain stabilization of a semiconductor optical amplifier by distributed feedback 43936
Bauer, C. *see* Schuster, J. 33796
Bauer, C.E. Three dimensional packaging for high performance electronics 17852
Bauer, C.L. *see* Azarian, M.H. 2822
Bauer, C.L. *see* Azarian, M.H. 2823
Bauer, C.L. *see* O'Connor, T.M. 2824
Bauer, D., Humer-Hager, T. Multimedia communications in a banking environment 37561
Bauer, D. *see* Humer-Hager, T. 14180
Bauer, D.A. *see* Hafer, D.R. 32641
Bauer, D.J. *see* Fontana, R.R. 17911
Bauer, F. The MOS controlled thyristor and its limits 2499
Bauer, F., Stockmeier, T., Lendenmann, H., Dettmer, H., Fichtner, W. MOS controlled power switches above 2000 V: MCT versus IGBT 32965
Bauer, F. *see* Eitz, A.W. 39703
Bauer, G. *see* Frank, N. 41253
Bauer, G. *see* Glod, P. 42408
Bauer, G. *see* Krost, A. 27508
Bauer, G. *see* Shu Yuan 42494
Bauer, G. *see* Springholz, G. 9655
Bauer, G. *see* Springholz, G. 9666
Bauer, G. *see* Springholz, G. 10689
Bauer, G.H. *see* Bernhard, N. 34538
Bauer, G.H. *see* Bruggemann, R. 28091
Bauer, G.H. *see* Heintze, M. 866
Bauer, G.H. *see* Heintze, M. 26481
Bauer, G.H. *see* Zedlitz, R. 26482
Bauer, H., Sporrer, C. Distributed logic simulation and an approach to asynchronous GVT-calculation 26629
Bauer, H. *see* Sporrer, C. 41577
Bauer, J. Environmental protection as an integrated part of production 17806
Bauer, J., Calwer, H., Marklstorfer, P., Milla, P., Schulze, F.W., Ufert, K.-D. Manufacturing of large area single junction a-Si:H solar modules with 10.7% efficiency 33065
Bauer, J., Dammann, E., Fritsch, E., Rasch, A. Integrated optical three-beam-interferometer for displacement measurements 35459
Bauer, J. *see* Bauch, L. 2356
Bauer, J. *see* Bauch, L. 27761
Bauer, J. *see* Dietz, H. 17214
Bauer, J. *see* Goring, R. 3101
Bauer, J.G., Schier, M., Ebbinghaus, G., Emeis, N. High responsivity integrated tapered waveguide pin photodiode 35572
Bauer, J.M., McAllister, M.P. Overview and progress of the MHD integrated topping cycle (ITC) project in the USA 25299
Bauer, K. New 36 kV vacuum circuit breaker 32961
Bauer, K.W., Jr. *see* Kouba, E.T. 30869
Bauer, M.B. Global telecommunications tariffs: using WorldNet to design international networks 5347
Bauer, M.L. *see* Young, K.G. 7242
Bauer, P., Klaassens, J.B. Dynamics and analysis of a three phase AC power converters 8663
Bauer, P., Klaassens, J.B. Dynamic modelling of AC power converters 16954
Bauer, P., Klaassens, J.B. Space vector based power factor control of resonant converters 17072
Bauer, P., Mansour, M., Duran, J. Stability of polynomials with time-variant coefficients 10296
Bauer, P., van Duijsen, P.J. Large signal and small signal modeling techniques for AC-AC power converters 16957
Bauer, P. *see* Steinbauer, E. 38839
Bauer, P.H., Wang, J. Limit cycle bounds for floating point implementations of second-order recursive digital filters 18883
Bauer, P.H. *see* Leclerc, L.-J. 34177
Bauer, R. Opto-asic in the rotation transducer. 'Kit system' offers economic and technological advantages 23526
Bauer, R. *see* Bayha, E. 22964
Bauer, R.A., Sbrockey, N.M., Brower, W.E., Jr. Quantitative nucleation and growth studies of PACVD diamond film formation on (100) silicon 817
Bauer, R.G. *see* Melnikov, L.A. 20326
Bauer, S., Berger, H., Link, P., Gebhardt, W. Raman studies of the growth mechanism of ZnSe/GaAs(001) heterostructures 9559
Bauer, S., Huber, M., Ruth, C., Link, P., Gebhardt, W. Strain relaxation in thin ZnTe epilayers on GaAs and ZnSe/GaAs 41250
Bauer, S. *see* Papadopulos, P. 33715
Bauer, S.M., Filippov, S.B., Semenov, B.N., Tovstik, P.E., Vorokhovsky, Y.L. The effect of the temperature on the vibration frequencies of plane-convex plate of quartz resonators 20063
Bauer, T. Explosion protected gas analysis according to European and North American standards 6845
Bauer, Th.S. *see* Blok, H.P. 38935
Bauer, T.S. *see* Zondervan, A. 46867
Bauer-Mayer, S. *see* Graf, D. 2119
Bauer-Mayer, S. *see* Graf, D. 34700
Bauerfeld, W. Advanced communication services: multimedia communication and conversation 37216
Bauerle, D. *see* Kargl, P.B. 2249
Bauerle, D. *see* Kargl, P.B. 9747
Bauerle, P., Gotz, G., Hiller, M., Scheib, S., Fischer, T., Segelbacher, U., Bennati, M., Grupp, A., Mehring, M., Stoldt, M., Seidel, C., Geiger, F., Schweizer, H., Umbach, E., Schmelzer, M., Roth, S., Egelhaaf, H.J., Oelkrug, D., Emele, P., Port, H. Design, synthesis and assembly of new thiophene-based molecular functional units with controlled properties 26528
Bauerle, P. *see* Geiger, F. 43662
Bauersfeld, K.G. *see* Degani, A. 7529
Baufays, C. *see* Sobieski, P. 22936
Baugh, J.W., Jr., Sharma, S.K. Evaluation of distributed finite element algorithms on a workstation network 30497
Bauhof, C.R. ATM and FIS data link services 39329
Bauhof, C.R. ATM and FIS data link services 45780
Bauhuis, G.J., Driessen, F.A.J.M., Giling, L.J. Conduction mechanisms in ordered $GaInP_2$ epilayers 27478
Baulcomb, R.S. *see* Wright, A.P. 3666
Baulcomb, R.S. *see* Yeo, T.E. 12140
Baum, C.E. Norm detectors for multiple signals 44814
Baum, C.E., Degauque, P., Ianoz, M. Electromagnetic topology and soil effects applied to EMC problems 44428
Baum, C.E., Farr, E.G. Impulse radiating antennas 46084
Baum, C.E., Prather, W.D., McLemore, D.P. Topology for transmitting low-level signals from ground level to antenna excitation position in hybrid EMP simulators 44394
Baum, C.E., Stone, A.P. Transient lenses for transmission systems and antennas 42158
Baum, D., Har-Nov, Y., Guterman, H., Bar-Ziv, E. A robust particle position controller for an electrodynamic chamber 29104
Baum, D. *see* Staikov, P. 34553
Baum, P.N. *see* Shukla, V.S. 30859
Baum, S.S., Glassey, P.G. Supporting semiconductor manufacturing simulation tools using a structured data model 256
Bauman, L.E. *see* Cook, R.L. 25805
Baumann, D. *see* Wiechmann, K. 47664
Baumann, E.D. *see* Hammoud, A.N. 43150
Baumann, E.W., Zvolanek, B. Sensor image simulation using neural networks 29771
Baumann, G. *see* Heilig, R. 27262
Baumann, H. *see* Trah, H.-P. 25621
Baumann, J., Behrmann, G.J., Garbe, H. Long-term survey of the background electromagnetic environment in Switzerland 38638
Baumann, J., Yellen, S., Juhala, R., Shepard, A., Harding, C., Dalby, R., Waters, R. Strained quaternary InAlGaAs 810 nm lasers 20839
Baumann, J.A., Dalby, R.J., Waters, R.G., Yellen, S.L., Harding, C., Shepard, A. Growth of InAlGaAs strained quantum well structures for reliable 0.8 μm lasers 41303
Baumann, J.A. *see* Yellen, S.L. 12199
Baumann, R. *see* Bargon, J. 34870
Baumann, R. *see* Clausnitzer, G. 31621
Baumann, S. *see* Nowicki, R.S. 1943
Baumann, T., Germond, A.J. Application of the Kohonen network to short-term load forecasting 16281
Baumbaugh, A. *see* Abbott, B. 7245
Baumbaugh, A. *see* Abbott, B. 31776
Baumbaugh, B. *see* Abbott, B. 7245
Baumbaugh, B. *see* Abbott, B. 31776
Baumberger, W., Kaufmann, H. Monolithic integration of a spread-spectrum transmitter and receiver front end for wireless LAN applications 45852
Baumgardner, D. *see* King, G. 33386
Baumgart, G. *see* Doege, E. 23882
Baumgarten, G., Steinhaus, R.R. Application of thermoanalytical procedures to support development of electrical insulating materials 11333
Baumgartner, P., Brunner, K., Abstreiter, G., Bohm, G., Trankle, G., Weimann, G. Fabrication of in-plane-gate transistor structures by focused laser beam-induced Zn doping of modulation-doped GaAs/AlGaAs quantum wells 28197
Baumgartner, W.D., Brenneman, J.S., Imperato, J.L., Larson, D.A., de Mello Peregrino, R., Taylor, G.A. A new high-performance 0.01-to-20-GHz synthesized signal generator microwave chain 19107
Baumhacker, H., Brederlow, G., Fill, E., Schillinger, H., Schrodter, C., Volk, R., Witkowski, S., Witte, K.J. Status report of the ASTERIX IV high power iodine laser 35655
Baumhacker, H., Brederlow, G., Fill, E., Schrodter, C., Volk, R., Witkowski, S., Witte, K.J. Performance of the Asterix IV iodine laser 3425
Baumler, U.P.A. *see* Dickert, F.L. 31331
Baumont, F. *see* Kirchner, D. 6291
Baums, D., Schilling, M., Idler, W., Laube, G., Wunstel, K. Observation of wavelength-bistability in the interferometric Y-laser 3842
Baums, D. *see* Hildebrand, O. 45948
Baums, D. *see* Hofmann, M. 28866
Baums, D. *see* Schilling, M. 12171
Bauner, J.-O. *see* Eriksson, H. 14462
Baur, A., Franz, R. When oil filled transformers are at the end of their life—cast resin transformers for pole mounted substations 32975
Baur, C. *see* Koslowski, B. 27481
Baur, G., Hofmann, R., Solkner, G., Pfleiderer, H.-J. High voltage resolution with a laser diode based electro-optic measurement system 43104
Baur, H. Catching up in communications [infrastructures and industry in Central and Eastern Europe] 5271
Baur, R., Breskin, A., Chechik, R., Drees, A., Faschingbauer, U., Fischer, P., Fraenkel, Z., Glass, J., Glassel, P., de los Heros, C.P., Irmscher, D., Manner, R., Pfeiffer, A., Schon, A., Schukraft, J., Schwick, C., Shor, A., Specht, H.J., Steiner, V., Tapprogge, S., Tel-Zur, G., Tserruya, I., Ullrich, Th., Wurm, J.P. The CERES RICH detector system 46897
Baur, R., Drees, A., Fischer, P., Fraenkel, Z., Glassel, P., Klein, H., Pfeiffer, A., Schon, A., Shor, A., Specht, H.J., Steiner, V., Tserruya, I., Ullrich, T.S. In-beam experience from the CERES UV-detectors: prohibitive spark breakdown in multi-step parallel-plate chambers as compared to wire chambers 46911
Bausch, H., Kanelis, K., Zeng, W. A simplified torque control of induction machines for electric vehicles 40631
Bausch, H., Zeng, W., Kanelis, K., Lange, B. Torque control of current excited synchronous machines for electric vehicles 40628
Bausch, J., Balber, H. Austria's first phase conductor project using fibre optics—experience 24984
Bausch, J. *see* Heidemann, H. 23420
Bausell, J. Defining reassembly 10575
Bausells, J. *see* Lang, W. 19488
Bausells, J. *see* Marco, S. 1824
Bauser, E., Hansson, P.O., Albrecht, M., Strunk, H.P., Gustafsson, A. Liquid phase epitaxy of SiGe structures 18213
Bauser, E. *see* Hansson, P.O. 9598
Bauser, E. *see* Hansson, P.O. 18214
Bauser, E. *see* Konuma, M. 2118
Bauser, E. *see* Lee, S.H. 41403
Bauser, E. *see* Mohling, W. 9545
Bauser, E. *see* Weishart, H. 41372
Bausiere, R. *see* Sakly, J. 8661
Bausk, E.V., Yakovkin, I.B. SAW filters with high out-of-band rejection 2774
Bausk, Ye.V., Yakovkin, I.B. SAW filter for satellite television 6189
Bauspiess, F., Horster, P., Stempel, S. Network security by selective packet transport 37408
Bausz, I., Borka, J. Modelling of switched reluctance motor drive by MICRO-CAP III 17489
Bautista, J.J. *see* Laskar, J. 5858
Bautz, R., Michel, J. Development and field experience with an HV-cable monitoring system 16366
Bauza, D. Detection of slow traps in the oxide of MOS transistors by a new current DLTS technique 42988
Bauza, D., Ghibaudo, G. MOSFET parameter extraction from static, dynamic and transient current measurements 42961
Bava, E., Tavella, P., De Marchi, A. Doppler effects in a multi-wavelength Rabi cavity for the excitation of atomic beams in microwave frequency standards 23385

Bava, G.P., Debernardi, P., Tonetti, M. Hot carrier model for highly non degenerate four wave mixing in semiconductor laser devices 35828
Bavaria, R.B. *see* Deivendran, S. 30689
Bavay, J., Leblanc, M., Yernaux, M. Mapping and computerized network management within Electrabel 24797
Bavel, A.-M.Van *see* Van Bavel, A.-M.
Bavel, A.M.Van *see* Van Bavel, A.M.
Bavinck, H., Hooghiemstra, G., De Waard, E. An application of Gegenbauer polynomials in queueing theory 26271
Bavonak, I. Some aspects of modelling the properties of loudspeaking telephone operation 30560
Bavuso, S.J. *see* Boyd, M.A. 39218
Baw, C.La *see* La Baw, C.
Bawa, S.C. *see* Lal, C. 26180
Baweja, G. *see* Hubele, N.F. 26211
Baxa, E.G., Jr., Lai, Y.C., Kunkel, M.W. New signal processing developments in the detection of low-altitude windshear with airborne Doppler radar 23203
Baxa, E.G., Jr. *see* Aalfs, D.D. 7570
Baxa, E.G., Jr. *see* Mackenzie, A.I. 23173
Bay, H.L. *see* Mantl, S. 18146
Bay, H.L. *see* Muller, O. 19411
Bayar, E., Aghvami, A.H. Miniaturised L-band MIC LNA design 1620
Bayar, E., Robertson, I.D., Aghvami, A.H. Monolithic Ka-band coplanar waveguide amplifier design in MMIC 19132
Bayard, J.-P.R. Analysis of infinite arrays of microstrip-fed dipoles printed on protruding dielectric substrates and covered with a dielectric radome 44628
Bayazit, U., Pearlman, W.A. Hierarchical image sequence coding with tree structured vector quantization 36838
Bayens, C.A., Cremer, G.A. Update on projects using the Shell Coal Gasification Process 32755
Bayer, R.G. A new model for accelerated thermal cycle testing with application to TAB leads and PCB PTHs 40948
Bayer, R.K. *see* Bain, R.A. 32603
Bayer, R.K. *see* Gettler, M.W. 32611
Bayern, K.A. *see* Bartz, M. 23483
Bayha, E., Bauer, R., Irnich, N., Koch, K.-J. Design and performance of a variable rate digital demodulator for a 23/26 GHz DRS user spacecraft transponder 22964
Bayhan, H. *see* Bor, D. 31904
Bayle, F., Jacob, T., Joos, E., Laurent, B. In-depth tests carried out by EDF on the 125 MWe CFB boiler of the Emile Huchet power plant 39967
Bayle, F. *see* Gaujacq, C. 39971
Bayle, P., Courtois, B., Dana, M. Electronic systems CAD 18416
Bayley, A.M., Davis, R.J., Haggis, J.S., Karcher, H. Thermal effects on the pointing of the 32-m MERLIN radio telescope at Cambridge 46151
Bayley, P.A., Browne, A.K., Marshall, J.M., Van Swaaij, R.A.C.M.M., Hepburn, A.R. Study of the temperature and field dependence of electron drift mobility in $a\text{-}Si_{1-x}C_x{:}H$ using the time-of-flight technique 42435
Bayliss, E. *see* Misra, P. 38182
Baylor, J.S. *see* Gustafson, M.W. 25945
Baylou, P. *see* Molina, C. 21997
Bayly, P.V., Johnson, E.E., Idriss, S.F., Ideker, R.E., Smith, W.M. Efficient electrode spacing for examining spatial organization during ventricular fibrillation 24288
Baynat, B., Dallery, Y. A unified view of product-form approximation techniques for general closed queueing networks 5553
Baynat, B., Dallery, Y., Ross, K. A decomposition approximation method for multiclass BCMP queueing networks with multiple-server stations 26276
Bayne, P. Nuclear power and public acceptance 39731
Baynes, P. Filtered connectors for military applications 32147
Bayon, J.-F. *see* Le Boudec, P. 3576
Bayon, J.-F. *see* Le Boudec, P. 20677
Bayon, J.-F. *see* Myslinski, P. 3571
Bayon, J.F. *see* Douay, M. 43417
Bayon, J.F. *see* Ibrahim, H. 3547
Bayoumi, M. *see* Tyagi, A. 43087
Bayoumi, M.A. VLSI architectures for DSP applications: current trends 10214
Bayoumi, M.A. *see* Kidambi, M.R. 43077
Bayoumi, M.A. *see* Salama, M.M.A. 25022
Bayoumi, M.M., Chen, J. A hierarchical multiview-based hypothesizing approach for 3-D robot vision 4866
Bayouth, J.E., Macey, D.J. Quantitative imaging of holmium-166 with an Anger camera 39018
Bayraktaroglu, B. GaAs HBT's for microwave integrated circuits 27310
Bayraktaroglu, B., Barrette, J., Fitch, R., Kehias, L., Huang, C.I., Neidhard, R., Scherer, R. Thermally stable AlGaAs/GaAs microwave power HBT's 27204
Bayraktaroglu, B., Barrette, J., Kehias, L., Huang, C.I., Fitch, R., Neidhard, R., Scherer, R. Very high-power-density CW operation of GaAs/AlGaAs microwave heterojunction bipolar transistors 10439
Bayraktaroglu, B. *see* Liou, L.L. 1514
Bayro-Corrochano, E. Review of automated visual inspection 1983 to 1993. I. Conventional approaches 418
Bayro-Corrochano, E. Review of automated visual inspection 1983 to 1993. II. Approaches to intelligent systems 419
Bayro-Corrochano, E.J. *see* Pham, D.T. 5131
Bayruns, R. *see* Taylor, S. 30659
Bayse, W.A. *see* Denning, D. 5390
Bayus, B.L. High-definition television: assessing demand forecasts for a next generation consumer durable 14800
Baz, A., Poh, S. Distributed deflection sensing of rotating beams 31185
Bazakutsa, P.V. *see* Katok, V.B. 30817
Bazan, G. *see* Xiaokang Huang 27932
Bazanov, M.V., Pen, E.F., Tverdokhleb, P.E. Planar holographic splitters for volumetric interconnection formation 29038
Bazargan-Sabet, P., Huu-Nghia Vuong Trade-offs in designing a VHDL simulation tool for digital VLSI 41734
Bazarko, A.O. *see* Auchincloss, P.S. 46953
Bazarko, T. *see* Kinnel, T.S. 38880
Bazarov, A.A. *see* Yarlykov, M.S. 14740
Bazarov, G.P., Borodin, S.N., Kolomiets, A.M., Rikman, V.Yu. The optimal dimensions of electrodes in disk MHD generators 48146
Bazarov, G.P., Kolomiets, A.M. Supersonic pulsed MHD generator with continuous electrodes and transverse shaped magnetic field 25759
Bazban, T. *see* Robert, B. 4322
Baze, M.P., Bartholet, W.G., Braatz, J.C., Dao, T.A. Single event upset test structures for digital CMOS application specific integrated circuits 35073
Bazewicz, M. Networking-oriented information systems engineering 14208
Bazhanov, Yu.V., Vandyukov, E.A., Chugunov, A.V., Martsinovskii, V.A., Vakhitov, M.A., Bagautdinov, I.R., Demchuk, Yu.S. Monoblock polychromator using fiber optics for test and diagnostic systems 15070
Bazhanov, Yu.V. *see* Martsinovskii, V.A. 14662
Bazhenov, A.N., Sedov, V.N., Solovei, V.A. Fast-gain-switching preamplifier for high-throughput nuclear gamma-ray spectroscopy 31784
Bazhenov, V.Yu., Taranenko, V.B., Vasentsov, M.V. Optical switching in bistable active cavity containing nonlinear absorber on bacteriorhodopsin 21027
Bazhenov, V.Yu., Taranenko, V.B., Vasnetsov, M.V. Optical bistability in active cavity with transversal diffractional matching 3801
Bazhenov, V.Yu., Taranenko, V.B., Vasnetsov, M.V. WTA-dynamics in large aperture active cavity with saturable absorber 12344
Bazhenov, V.Yu., Taranenko, V.B., Vasnetsov, M.V. Transverse optical effects in bistable active cavity with nonlinear absorber on bacteriorhodopsin 12362
Bazin, C. *see* Gao, J. 7138
Bazin, J.P. *see* Benali, H. 7339
Bazin, J.P. *see* Benali, H. 37040
Bazso, Z. *see* Ezsol, G. 39873
Bazulin, E.G. Extrapolation of the spectra of echo signals for obtaining images of defects with longitudinal super resolution 18348
Bazulin, E.G. Images of defects with transverse and longitudinal superresolution obtained by the method of two-dimensional adaptive extrapolation 41535
Bazulin, E.G. *see* Badalyan, V.G. 18346
Bazulin, E.G. *see* Badalyan, V.G. 18388
Bazylenko, M.V., Gross, M., Gauja, E., Allen, P.M., Chu, P.L. Fabrication of nitrogen-doped silica waveguides 35461
Bazylev, V.A., Bourdier, A., Gouard, P., Buzzi, J.M. Electron trajectories in a free-electron laser with a reversed axial guide field 20927
Bazzani, A., Pusterla, M., Venturini, M. A study of effects of tune modulation in nonlinear maps 38789
Bazzi, O. *see* Bouras, B. 11716
Bazzill, T.M. *see* Huang, H.K. 37495
Beach, D. *see* Grill, A. 28336
Beach, D.B., Collins, R.T., Legoues, F.K., Chu, J.O. Erbium-doped silicon prepared by UHV/CVD 41489
Beach, M. *see* Mu Li 22562
Beach, M. *see* Xue, H. 14258
Beach, M.A. *see* Carter, P. 37946
Beach, M.A. *see* Willard, C. 5821
Beach, R. *see* Benett, W.J. 20891
Beach, R. *see* Comaskey, B. 20713
Beach, R. *see* Perry, M.D. 20743
Beach, R.J. *see* Comaskey, B. 12085
Beach, R.J. *see* Hackel, L.A. 27812
Beacham, J., Dumesnil, F., VanDevender, B.L. Applications of an atomic force metrology system in semiconductor manufacturing 23878
Beacken, M.J. A high performance optical bus for digital avionics systems 39231
Beadle, E.R. Analog signal isolation techniques 6892
Beadle, H.W.P., Judge, J., McFarlane, G. Enabling software technologies for multimedia telecommunications 14000
Beadle, H.W.P., Tonkin, B.A., Hall, S. Multimedia communications and applications 5340
Beadle, H.W.P. *see* Musangeya, W.T. 37240
Beag, Y.W., Egawa, K., Shimizu, R. A compact electron-gun evaporation source for highly stable evaporation of refractory metals 26479
Beal, P.R. *see* Allen, J.W. 8159
Beale, J., Jackson, J.W. British Aerospace regional jetliner digital flight guidance certification 39220
Beale, M. Uniform and filamentary transport in d.c. thin-film ZnS:Mn electroluminescent devices 3352
Beall, J.A., Ono, R.H., Galt, D., Price, J.C. Tunable high temperature superconductor microstrip resonators 1442
Beall, J.A. *see* Gait, D. 11530
Beam, E., III *see* Liu, W. 1552
Beam, E.A., III, Chau, H.F., Henderson, T.S., Liu, W., Seabaugh, A.C. The use of organometallic group-V sources for the metalorganic molecular beam epitaxy growth of $In_{0.48}Ga_{0.52}P/GaAs$ and $In_{0.53}Ga_{0.47}As/InP$ heterojunction bipolar device structures 41327
Beam, E.A., III, Seabaugh, A.C. The use of tertiarybutylphosphine and tertiarybutylarsine for the metalorganic molecular beam epitaxial growth of resonant tunneling devices 778
Beam, E.A., III *see* Chau, H.-F. 27205
Beam, E.A., III *see* Mikkelson, C.H. 42998
Beam, E.A., III. *see* Moise, T.S. 19795
Beam, E.A., III *see* Seabaugh, A.C. 1137
Beam, E.A., III *see* Seabaugh, A.C. 11290
Beaman, B., Shih, D.Y., Walker, G. Elastomeric connector for MCM and test applications 10585
Beaman, J., Hillas, A.M., Johnson, P.A., Lloyd-Evans, J., Smith, N.J.T., Watson, A.A., van Stekelenborg, J., Gaisser, T.K., Perrett, J.C., Petrakis, J.P., Stanev, T.S. Performance of the South Pole Air Shower Experiment during 1987 to 1992 15641
Beament, I.R., Ford, A.E.W. Effect of system and installation requirements on the introduction of 11 kV polymeric insulated cables in London 16342
Beamish, F.J.C., Spurgeon, D. Beyond the financial frontier [AMT] 9183
Beamount, P., Andersson, L.-G. Co-ordinated control and protection [of substations] 17131
Bean, A. *see* Abe, K. 7260
Bean, A. *see* Abe, K. 15619
Bean, A. *see* Abe, K. 46930
Bean, B.L. *see* Watkins, W.R. 38522
Bean, J.C. *see* Murtaza, S. 35457
Bean, J.C. *see* Ross, F.M. 34912
Bean, N.G. Effective bandwidths with different quality of service requirements 13861
Bean, N.G. Robust connection acceptance control for ATM networks with incomplete source information 30179
Beanland, R. *see* Sun, D. 708
Beanlands, R. *see* Laubenbacher, C. 24249
Bearce, B.L. *see* Veron, H. 23808
Beard, E. *see* Zhang, H.Z. 12677
Beard, K.W., DePalma, W.A., Buckley, J.P. Advancements in $Li/LiCoO_2$ hardware cell performance, safety and reliability 17199
Bearden, I.G. *see* Davids, C.N. 24115
Beardmore, G. Microengineering technology in aerospace sensors 46370
Beards, R.D., Copeland, M.A. An oversampling delta-sigma frequency discriminator 33941
Beardslee, M., Sangiovanni-Vincentelli, A. Heuristic methods for communication-based logic partitioning 18407
Beardsley, G. *see* Schein, L.B. 12531
Beare, A.N., Gaddy, C.D., Gilmore, W.E., Taylor, J.C., Fray, R.R., Divakaruni, S.M. Human factors guidelines for fossil power plant digital control system displays 39905
Bearman, M. *see* Indulska, J. 37519
Bearman, M. *see* Milosevic, Z. 37346
Bearman, M.Y., Raymond, K.A. Contexts, views and rules: an integrated approach to trader contexts 37520
Bearnson, G.B., Krivoy, S.R., Jarmin, R.D., Fratto, J.R., Khanwilkar, P., Crump, K.R., Smith, K.D. Electronics development for the Utah electrohydraulic total artificial heart 15923
Bearse, T.M. Integrated diagnostics support system (IDSS): fault isolation reasoners 32170
Bearzotti, A. *see* Gusmano, G. 18239
Beasley, D.E. *see* Figliola, R.S. 14964
Beasley, J., Ramamurthy, H., Ramirez-Angulo, J., Deyong, M. i_{DD} pulse response testing: a unified approach to testing digital and analogue ICs 11275
Beasley, J.D. Thermal conductivity measurements in nonlinear optical materials 28426
Beaton, J. *see* Cockburn, D. 24916
Beattie, A.R. *see* Wilson, S.P. 1851
Beattie, A.R. *see* Wilson, S.P. 19345
Beattie, B. *see* Garrison, R.F. 23922
Beattie, J.D. Human factors in the Canadian nuclear industry—application and research 39798
Beattie, W. *see* Hine, N.A. 37570
Beattie, W. *see* Hine, N.A. 39110
Beattie, W.C. *see* Hoque, A. 25112

Beatty, R.L., Sutton, W.H., Iskander, M.F. *(editors)* Microwave Processing of Materials III Symposium 26052
Beaty, L. *see* Ebeling, J.A. 40003
Beaty, M.G. Multichannel sampling for multiband signals 44841
Beaty, S.J. Genetic algorithms versus Tabu search for instruction scheduling 41106
Beauchamp, J. *see* Horner, A. 46269
Beauchemin, B. *see* Czech, G. 28048
Beauchemin, B.T. *see* Chen-Chy Lin 11088
Beauchemin, R., Latour, Y., Landry, M., Riffon, P. Hydro-Quebec's concerns related to performances of SF_6 circuit-breakers 25565
Beauchemin, S.S. *see* Barron, J.L. 45068
Beaucour, J. *see* Oldham, T.R. 34069
Beaud, P., Richardson, M., Miesak, E.J., Chai, B.H.T. 8-TW 90-fs Cr:LiSAF laser 3487
Beaudet, J.P., Desmaris, J. Uninterrupted power supply for a small size enterprise 48485
Beaudin, G., Deschamps, A., Encrenaz, P., Feautrier, P., Febvre, P., Gac, C., Gheudin, M., Leridon, B., Maoli, R., Michet, D., Pernot, J.C., Robert, C., Rosolen, C., Ruffie, G., Vola, P. 'PRONAOS', a balloon borne experiment for submillimeter radioastronomy with a 380 GHz heterodyne spectrometer 23251
Beaudin, G. *see* Bouregba, R. 34258
Beaufays, F., Abdel-Magid, Y., Widrow, B. Application of neural networks to load-frequency control in power systems 47383
Beaufays, F. *see* Widrow, B. 29571
Beaufays, F. *see* Widrow, B. 29690
Beaulieu, C., Chamberland, M., Tetu, M., Tremblay, P. Stability measurements of an optically injection-locked microwave oscillator 1565
Beaulieu, N.C., Abu-Dayya, A.A., McLane, P.J. On approximating the distribution of a sum of independent lognormal random variables 26289
Beaulieu, N.C., Biglieri, E., Lai, M. Sample rejection and importance sampling in the simulation of multidimensional signalling systems 22297
Beaulieu, N.C. *see* Paranchych, D.W. 29704
Beaumariage, T. *see* Hubele, N.F. 26211
Beaumont, B. *see* Taylor, S.J. 664
Beaumont, C.J. *see* Maxwell, G.D. 5645
Beaumont, C.J. *see* Smith, G.R. 5049
Beaumont, E.T., Feltus, M.A. RETRAN03 benchmarks for Beaver Valley plant transients and FSAR analyses 32597
Beaumont, S. Advanced technologies for mm-wave MMICs 10509
Beaumont, S.P., Bertin, R., Booth, C.N., Buttar, C., Carraresi, L., Cindolo, F., Colocci, M., Combley, F.H., D'Auria, S., delPapa, C., Dogru, M., Edwards, M., Fiori, F., Foster, F., Francescato, A., Gray, R., Hill, G., Hou, Y., Houston, P., Jones, B., Lynch, J.G., Lisowski, B., Matheson, J., Nava, F., Nuti, M., O'Shea, V., Ottaviani, P., Pelfer, P.G., Raine, C., Santana, J., Saunders, I., Seller, P.H., Shankar, K., Sharp, P.H., Skillicorn, I.O., Sloan, T., Smith, K.M., Tartoni, N., ten Have, I., Turnbull, R.M., Vanni, U., Vinattieri, A., Zichichi, A. GaAs solid state detectors for physics at the LHC 15637
Beaumont, S.P. *see* Cameron, N.I. 28210
Beaumont, S.P. *see* Hertel, G. 42520
Beaumont, S.P. *see* Murad, S.K. 27756
Beauregard, F. *see* Ghannouchi, F.M. 14330
Beauvais, E.C., Sheffield, V.K. Public policy for a multiproduct firm. Tearing down the 'Berlin Wall' in telecommunications 5280
Beauvais, J. *see* Marsh, J.H. 3398
Beauvais, W.J. *see* McNulty, P.J. 34073
Beauvais, W.J. *see* Reed, R.A. 35076
Beauvillain, J. *see* Coratger, R. 27587
Beauvillain, J. *see* Faye, M.M. 10856
Beauvillain, J. *see* Faye, M.M. 10862
Beaver, D., So, N. Global, unpredictable bit generation without broadcast 29502
Beavis, L.C. *see* Loubriel, G.M. 28622
Beavis, S.C. Design flow for the development of new FPGA architectures 41791
Bebbington, J.A. *see* Bonar, J.R. 35719
Bebbington, J.A. *see* Taneja Nayyar, A. 46355
Bebek, C. *see* Alexander, J.P. 24110
Bebek, C.J., Dobbins, J.A., Sholtys, R., Strohman, C.R., Akerib, D.S., Battle, M.O., Honscheid, K., Selen, M.A. A new data acquisition system for CLEO II 31786
Bebek, C.J. *see* Alexander, J.P. 46860
Bebelis, S., Yentekakis, I.V., Neophytides, S., Tsiakaras, P., Karasali, H., Vayenas, C.G. The use of SOFC for chemical cogeneration and for electrochemical promotion (NEMCA) 16738
Bebermeyer, R. *see* Rothwell, E. 46048
Bebic, M.Z. *see* Jeftenic, B.I. 17512
Beblowska, M. *see* Kruszewski, J. 43489
Becciani, C. *see* Antonelli, A. 24054
Beceiro, A.R. The Spanish radioactive waste management programme 39865
Becerra, A., Sierra, M., Gallego, J.D. Ultra low noise cooled S-band amplifier [for radioastronomy receivers] 27305
Becerra, R.C., Ehsani, M., Miller, T.J.E. Commutation of SR motors 8310
Bech-Thomsen, N., Wulf, H.C. Carcinogenic potential of fluorescent UV tanning sources can be estimated using the CIE erythema action spectrum 7492
Becher, C., Brooks, R., Kirby, T., Wasko, K., Moore, K., Raleigh, C., Stafford, J.W. Direct chip attach (DCA): the introduction of a new packaging concept for portable electronics 384
Bechevet, B. *see* Daval, J. 28384
Bechinger, C., Herminghaus, S., Leiderer, P. Photoinduced doping of thin amorphous WO_3 films 34677
Bechou, L. *see* Ousten, Y. 10571
Bechstedt, U., Borgs, W., Decker, G., Dolfus, G., Ermer, W., Hardt, A., Krol, G., Lippert, C., Pawlat, T., Rook, J., Rook, M., Rosin, D., Sagefka, T. Field measurement of the magnets for COSY-Julich 15536
Bechstedt, U., Ermer, W., Hardt, A., Krol, G., Rook, J., Rosin, D., Sagefka, Th., Stollenwerk, H., Nicia, R. Geodetical concept and alignment of COSY 6934
Becht, M. *see* Gerfin, T. 10994
Bechtel, J.H. *see* Cheng, W.H. 14598
Bechtel, N.G. *see* Yuen, C. 19089
Bechteler, W. *see* Grottke, M. 46379
Bechtold, J. *see* Martini, I. 28399
Beck, A. *see* Alff, L. 35283
Beck, B.L. *see* Fitzsimmons, J.R. 7388
Beck, C. Effects of roundoff errors on chaotic dynamics 13399
Beck, C. *see* De Filippo, E. 46876
Beck, C.E., Behera, A.K. Modelling external constraints: applying expert systems to nuclear plants 32570
Beck, C.E., Behera, A.K., Rowley, E.J. Video/CAD animation: a technical tool for simplifying the human task in nuclear plant maintenance 25136
Beck, E. *see* Ramm, J. 19545
Beck, E. *see* Ramm, J. 34704
Beck, F. Aluminium corrosion in semiconductor components encapsulated in epoxy resin. Causes and chemical conversion 10972
Beck, F.B. *see* Deshpande, M.D. 4036
Beck, H. *see* Pipoz, P. 43612
Beck, H.P. *see* Eichenberger, S. 38928
Beck, J. *see* Melendez, J.L. 11208
Beck, J.V. *see* Yan, L. 322
Beck, K.M. *see* Bender, H.A. 28584
Beck, M. *see* Wong, V. 20963
Beck, N., Wyrsch, N., Sauvain, E., Shah, A. The $\mu\tau$ problem: new results on micro-doped a-Si:H films 28595
Beck, N. *see* Shah, A. 34539
Beck, N.R. *see* Das Gupta, S. 48336
Beck, P.A., Auld, B.A., Kim, K.S. Silicon sensors as process monitoring devices 6427
Beck, R. *see* Lohmann, D. 46810
Beck, S., Deuser, L., Ghosh, J. Robust classification techniques for acoustic signal analysis 4597
Beck, S. *see* Ghosh, J. 38170
Beck, S.E. *see* Hames, G.A. 34720
Beck, T., Reng, N., Richter, K. Fiber type and quality dictate beam delivery characteristics 20333
Beck, W. Image enhancement and moving target detection in IR image sequences 29774
Beck, W.A. Photoconductive gain and generation-recombination noise in multiple-quantum-well infrared detectors 38514
Becker, B., Schulenberg, T. Status of the modern high temperature gas turbine family 39996
Becker, B. *see* Hengster, H. 41820
Becker, B. *see* Maghon, H. 32741
Becker, C.A. *see* Adler, M.S. 33398
Becker, C.R. *see* Xu Shanjia 4224
Becker, D. *see* Schulz, W. 17628
Becker, E., Wormann, T. Radical computations of zero-dimensional ideals and real root counting 33513
Becker, E.B. *see* Chang, J.H. 4027
Becker, E.B. *see* Chang, J.H. 44268
Becker, F., Carius, R., Eickhoff, T., Zettler, J.-Th., Beneking, C., Wagner, H. Spectrally resolved electroluminescence and photoluminescence in a-Si:H pin-diodes compared with optical multilayer calculations 28092
Becker, F. *see* Carius, R. 27458
Becker, F. *see* Carius, R. 42465
Becker, F. *see* Schneider, J. 2683
Becker, F. *see* Thomas, H.G. 7155
Becker, G. *see* Storm, W. 42671
Becker, H. Small and medium batch machining of heat sinks 40955
Becker, J., Beckord, K., Werner, U., Lutz, H.O. A system for correlated fragment detection in dissociation experiments 31672
Becker, J., Bernhardt, A. Determination of the damage threshold of optical components based on damage frequency measurements 3727
Becker, J. *see* Gahungu, F. 16422
Becker, J. *see* Gahungu, F. 16423
Becker, J. *see* Marlard, T. 16360
Becker, J.D. *see* Heitz, C. 29558
Becker, K. Nuclear quality standards - national and international developments 25157
Becker, K., Holden, D. Specifying the dynamic behavior of management systems 30306
Becker, K. *see* Haglund, R.F., Jr. 21065
Becker, L.J. Cycle optimization, design and construction of a 100 MW (nominal) LM-6000 combined cycle cogeneration plant for the process industry 8221
Becker, M., Ley, D. Extracting a symbolic object description from gray-level images using a Kalman-filter-based contour tracer combined with a complex edge-operator 30022
Becker, M. *see* Damm, G. 37548
Becker, M. *see* Ley, D. 40988
Becker, M.C., Allen, M.S., Moore, C.R., Muhich, J.S., Tuttle, D.P. The Power PC 601 microprocessor 10195
Becker, M.F. *see* Narayanan, C. 6461
Becker, M.F. *see* Walser, R.M. 18947
Becker, M.F. *see* Woei-Yun Ho 43643
Becker, M.F. *see* Zhang, C. 6568
Becker, M.W. *see* Xu, C. 44070
Becker, P.C. *see* Hong Koo Kim 9682
Becker, P.C. *see* Nykolak, G. 11650
Becker, P.C. *see* Nykolak, G. 35447
Becker, R. RFQ matching of current dominated ion beams 7058
Becker, R. BiNMOS cell-based methodology for EDP and communication systems 26830
Becker, R. *see* Brennan, P.V. 36363
Becker, R. *see* Garbe, G. 7691
Becker, R. *see* Jennewein, E. 23963
Becker, R.A., Kincaid, B.E. Rugged, low-cost pigtailing approach for $LiNbO_3$ integrated optic devices 35462
Becker, R.A., Kincaid, B.E. Improved electrooptic efficiency in guided-wave modulators 43521
Becker, R.D., Barriere, J.P. Airborne GPS for photo navigation and photogrammetry: an integrated approach 39368
Becker, R.S. *see* Kopf, R.F. 18178
Becker, R.W. *see* Matuck, G.C. 33320
Becker, T., Grieger, K. An efficient atomic multicast protocol for client-server models 22352
Becker, U.J., Rodin, J.P., Smith, B.R. Fast gaseous detectors in high magnetic fields 7207
Becker, U.J. *see* Chang, Y.-H. 31738
Becker, W., Diekmann, V., Jurgens, R., Kornhuber, C. First experiences with a multichannel software gradiometer recording normal and tangential components of MEG 31878
Becker, W. *see* Teuchner, K. 15226
Becker, W. *see* Wedler, H. 44599
Becker, W.-J. *see* Burda, W. 7668
Beckerman, M., Sweeney, F.J. Data fusion through simulated annealing of registered range and reflectance images 22236
Beckers, M., Peeters, J., Verboven, F. Object-oriented modeling, simulation and implementation of a network management system 37354
Beckert, K. *see* Franzke, B. 15382
Beckert, K. *see* Hofmann, I. 7048
Beckert, K. *see* Kalisch, G. 7047
Beckert, K. *see* Schaaf, U. 15359
Beckert, K. *see* Steck, M. 7061
Beckett, J. *see* Hoang, L. 18712
Beckett, J.R. Cost effective radiated emission tests in a non-ideal environment 36246
Beckham, C. *see* Kanber, H. 41296
Beckhoff, G.F. *see* Alimuddin, M. 10129
Beckhoven, D.Van *see* Van Beckhoven, D.
Beckman, M. *see* McCormick, F.B. 43584
Beckman, P., Roy, R.P., Whitfield, K., Hasan, A. A fast-response microthermocouple 6843
Beckmann, R. *see* Herrmann, J. 35044
Beckord, K. *see* Becker, J. 31672
Becks, T., Hopf, B., Kother, D., Kulke, R., Pogatski, P., Rittweger, M., Sporkmann, T., Werthen, M., Wolff, I. Activities on coplanar waveguide structures and circuits at the IMST 42230
Becks, T., Wolff, I. Full-wave analysis of various coplanar bends and T-junctions with respect to different types of air-bridges 1624
Becks, T., Wolff, I. Investigations on the reduction of package densities in coplanar circuits 1630
Beckwith, B. *see* Ngo, D. 1617
Beckwith, R. *see* Pettigrew, R.D. 32515
Beckwith, T. *see* Pettigrew, R.D. 32515
Becourt, N., Cros, B., Ponthenier, J.L., Berjoan, R., Papon, A.M., Jaussaud, C. Characterization of the buffer layer in SiC heteroepitaxy 683
Becourt, N. *see* Billon, T. 28156
Becourt, N. *see* Ouisse, T. 19476
Bector, C.R. *see* Sutardi 40869
Beda, P.I., Putnikov, Yu.G. Relationships governing propagation of eddy current in a nonmagnetic half-space and methods of using these relationships for solving flaw inspection problems 41538
Beda, P.I. *see* Sapunov, V.M. 18389
Bedair, S.M. Atomic layer epitaxy deposition processes 41248
Bedair, S.M. *see* Look, D.C. 1839
Bedard, B. *see* Katzin, P. 1598
Beddoes, M.P. *see* Braithwaite, R.N. 17988
Bedel, E., Munoz-Yague, A., Fontaine, C., Vieu, C. Improved method for GaAs-(Ga,Al)As epitaxial regrowth 9633
Bedel, E. *see* Guasch, C. 42499
Bederson, B.B., Wallace, R.S., Schwartz, E.L. Calibration of the Spherical Pointing Motor 31308
Bedeschi, F., Galeotti, S., Gherarducci, F., Mariotti, M., Morsani, F., Passuello, D., Tartarelli, F., Greico, G.M., Nelson, C., Tkaczyk, S., Haber, C., Ristori, L., Bailey, M., Sciacca, G.F.,

Turini, N., Cei, M. SPY: a monitoring system for the silicon vertex detector of CDF 38912
Bedeschi, F. *see* Amidei, D. 46890
Bedeschi, F. *see* Tkaczyk, S. 46989
Bedge, S., Barron, B.S., Lamb, H.H. Cu deposition from HF solutions and effects on regrowth of Si native oxide 34718
Bedi, I.S., Harle, D.A., Smith, D.G. Interworking CCITT No.7 with the TMN 22461
Bedi, J.S. *see* Kaushal, R.P. 29914
Bedini, L., Benvenuti, L., Salerno, E., Tonazzini, A. Edge preserving tomographic reconstruction from few projections 22001
Bedini, L., Pandolfi, S., Tonazzini, A. Training a Boltzmann machine for edge-preserving image restoration 29867
Bedini, R. *see* Franchi, D. 47108
Bediou, J., Vallee, A., Courtier-Arnoux, S. CADYRO: a program package on UNIX station dedicated to rotating machines 25391
Bedlek, M. *see* Racko, J. 10742
Bednall, E., Chessari, J. The role of human factors testing in speech technology 13942
Bednarczyk, S. *see* Tyler, M. 22389
Bednarski, S. *see* Piekoszewski, J. 48115
Bednyi, B.I. *see* Karpovich, I.A. 34760
Bedogni, V. *see* Negrini, F. 25303
Bedrosian, G. *see* Mayergoyz, I.D. 44240
Bedworth, M.D., Heading, A.J.R. The importance of models in Bayesian data fusion 21980
Bee, C.P., Heyes, W.G., Watson, E.J., Wendler, H., Francis, D.J., Sacks, L.E., Touchard, F., Witzig, C. The CPLEAR data acquisition and control system 38899
Bee, C.P. *see* Ambrosini, G. 38419
Bee, C.P. *see* Ambrosini, G. 38898
Beebe, D., Barratt, M. The hidden power of path-protection switching 14614
Beebe, E. *see* Abrahamsson, K. 15584
Beebe, R.F. Primary side filter inductor in phase shift technology 26707
Beebe, S. *see* Goossens, R.J.G. 34889
Beech, R.S., Ghosh, A.K. Optimization of alignability in integrated planar-optical interconnect packages 3368
Beech, S.C., Doble, I.R., Ford, J.R., Rochester, C.J. New unrepeatered cable design testing methodology and results 6008
Beecher, J.E., Durst, T., Frechet, J.M.J., Godt, A., Pangborn, A., Robello, D.R., Willand, C.S., Williams, D.J. New chromophores containing sulfonamide, sulfonate, or sulfoximide groups for second harmonic generation 28960
Beeckmans, E. *see* Pauwels, M. 18817
Beede, D. *see* Dahlman, J. 40349
Beek, R., Mucke, D., Kuhs, U. Pushbutton switches to ISO9000 quality standard 26210
Beeler, T.L. *see* Paul, D.W. 31180
Beeman, J. *see* Pfafman, T.E. 20123
Beeman, J.W. *see* Itoh, K.M. 19322
Beeman, J.W. *see* Knowlton, W.B. 19422
Beenackers, A.A.C.M. Biomass gasification: implementation and research in Europe 47627
Beenakker, C.W.J., Rejaei, B., Melsen, J.A. Scaling theory of conduction through a normal-superconductor microbridge 43365
Beenker, F. *see* Bouwman, F. 2626
Beer, A., Corre, A., Farthouat, Ph., Malferrari, L., Passaseo, M., Ryzhov, V., Schuler, G., Weymann, M., Bruschini, C., Casanova, V., Darbo, G., Martinengo, P., Rossi, L., Salvo, C., Frenkel, A., Torelli, M., Zanello, L. The beauty contiguity trigger of the BEATRICE experiment: detector, readout and processor overview 31662
Beer, J.M. *see* Tullin, C.J. 32663
Beer, R.de *see* de Beer, R.
Beer Amipre, N. New TV retail market dilemmas loom 23286
Beerel, G.H. *see* Leschber, D. 39907
Beerel, P.A., Meng, T.H.-Y. Automatic gate-level synthesis of speed-independent circuits 26885
Beerends, J.G., Stemerdink, J.A. A perceptual speech-quality measure based on a psychoacoustic sound representation 44752
Beerling, T.E., Helms, C.R. Direct observation of the etching of damaged surface layers from natural diamond by low-energy oxygen ion bombardment 19600
Beermann, H. *see* Stegemann, D. 32720
Beernink, K.J., Thornton, R.L., Chung, H.F. Low threshold current dual wavelength planar buried heterostructure lasers with close spatial and large spectral separation 35859
Beernink, K.J. *see* Bour, D.P. 3669
Beernink, K.J. *see* Bour, D.P. 43922
Beernink, K.J. *see* Cockerill, T.M. 20833
Beernink, K.J. *see* Coleman, J.J. 35817
Beers, I. *see* Vetanen, B. 27782
Be'ery, Y. Variable bit-rate methods for low-delay speech coders 4466
Be'ery, Y. *see* Berger, S. 37359
Be'ery, Y. *see* Vardy, A. 21632
Beesley, M.J. *see* Bouchard, J.G. 46696
Beeson, D. Technology outreach 461
Beeson, K.W., Ferm, P.M., Horn, K.A., Knapp, C.W., McFarland, M.J., Nahata, A., Shan, J., Wu, C., Yardley, J.T. Polymeric electro-optic materials and devices: meeting the challenges of practical applications 43541
Beeson, K.W., McFarland, M.J., Pender, W.A., Jianhui Shan, Chengjiu Wu, Yardley, J.T. Laser-written polymeric optical waveguides for integrated optical device applications 3157
Beeson, R.J. *see* Henson, G.E. 32829
Beetz, B., Fritz, H. Technical improvements of bending ring load cells 23532
Beetz, B.H. Digitalization of weighing systems in process automation 31123
Beex, A.A. *see* Dongping Zhu 45212
Beex, A.A. *see* Min Xie 44914
Beex, A.A. *see* Tilki, J.F. 44910
Beex, A.A. *see* Tilki, J.F. 45155
Beex, A.A. *see* Zakaria, G. 42067
Beex, A.A. *see* Zakaria, G. 44915
Beez, T. *see* Roth, H. 21456
Beez, T. *see* Roth, H. 29301
Befus, C.J., Armenta, J.A. Automated feeder capacitor control at Public Service Company of Colorado 7883
Beg, N.A., Toral, H. Off-site calibration of a two-phase pattern recognition flowmeter 23933
Begay, M.J., Van Zee, J., Westbrook, G., Williams, B. Getting to know your MCM die 338
Beggs, C.B. Ice thermal storage: theoretical study of the implications of the deregulated electricity market in England and Wales 47386
Beggs, J.H., Luebbers, R.J., Ruth, B.G. Analysis of electromagnetic radiation from shaped-end radiators using the finite difference time domain method 29284
Beggs, J.H., Ryan, D.A., Luebbers, R.J. Visualization of electromagnetic fields using the finite difference time domain method 44197
Beggs, S.L. *see* Johnson, D. 5365
Beghini, S. *see* Signorini, C. 31799
Begin, F. *see* Simard, M.-A. 30906
Begin, G. *see* Gavrilovic, M.M. 32325
Begley, M., Kempton, E.A.J., Sharp, N. One per customer digital radio system 14411
Begovic, M. *see* Phadke, A.G. 47608
Beguchev, V.P., Shefova, I.A., Musatov, A.L. Optical and photoemissive properties of multi-alkali photocathodes 1778
Begusic, D., Grenez, F. Real time simulation system for the ISDN U-transceiver adaptive filters 22667
Behagi, A., Turner, S. Piecewise linear modeling of solid-state varactor-tuned microwave oscillators 19055
Behagi, A. *see* Turner, S.D. 19051
Behbahani, F. *see* Hashemi, H. 45978
Behe, R. *see* Brachat, P. 36425
Behe, R. *see* Cerboni, A. 36405
Beheim, G., Tuma, M.L., Sotomayor, J.L., Flatico, J.M. Fourier transform spectrometry for fiber-optic sensor systems 6540
Behera, A.K. *see* Alsammarae, A.J. 32573
Behera, A.K. *see* Beck, C.E. 25136
Behera, A.K. *see* Beck, C.E. 32570
Behera, A.K. *see* Polanco, S. 17805
Behet, M., Stoll, B., Heime, K. Comparative study on the low pressure metalorganic vapor phase epitaxial growth of InSb on GaAs with trimethylantimony and triethylantimony as Sb precursors 41257
Behforooz, G.H. A new approach to spline functions 9443
Behl, L. *see* Bhargava, R. 8118
Behm, R.J. *see* Donig, F. 27727
Behmann, U. Catenaries as an indication of danger for trains 17551
Behnke, J. *see* Anderson, B. 34783
Behnke, T. *see* Michaelis, H. 46495
Behr, D. *see* Ramsteiner, M. 41348
Behrashi, R. *see* Negahban, M. 26758
Behrends, D. *see* Nickamp, K. 48348
Behrendt, W. *see* Wilcox, R.B. 35715
Behrens, F.H., Finco, S., Castro Simas, M.I. Medium-voltage lateral NMOS power devices in standard CMOS technology 2669
Behrens, R.T., Armstrong, A.J. An advanced read/write channel for magnetic disk storage 28373
Behrens, U., Cases, G., Freidhof, A., Furtjes, A., Mitchell, J., Molthagen, K., Surrow, B., Tsurugai, T., Yoshida, R. Calibration of the forward and rear ZEUS calorimeter using cosmic ray muons 31736
Behrens, U., Flasinski, M., Hagge, L., Vogel, W.O. The Eventbuilder of the ZEUS experiment 38917
Behrens, U. *see* Jacob, J. 15458
Behrhorst, S. Design DDS systems and digitize IFs with DACs/ADCs 1281
Behringer, F.A. Convexity is equivalent to midpoint convexity combined with strict quasiconvexity 550
Behringer, U., Engelke, H. Intelligent design splitting in the stencil mask technology used for electron- and ion-beam lithography 27918
Behrmann, G.J. *see* Baumann, J. 38638
Behrooz, A. *see* Marshall, G.J. 30345
Behruzi, M. *see* Li, Z. 17264
Bei Zhang *see* Zhang Bei
Beibei Shao *see* Shao Beibei
Beichao Zhang *see* Loewenhardt, P.K. 14997
Beides, H., Meliopoulos, A.P.S., Zhang, F. Modeling and analysis of power systems under periodic steady state conditions 24769
Beidi Zhu *see* Zhu Beidi
Beier, J., Krauss, U., Oswald, H., Fleck, E. Archives for coronary angiography: a comparison of cinefilm vs. video vs. digital 24203
Beifang Yang, Yue Zhou, Weili Cai, Pingsheng He, Yaozhong Ruan, Yunlan Huang, Xianming Liu, Guien Zhou Thin SiC films prepared by pyrolysis of polyimide Langmuir-Blodgett films on silicon 33681
Beigang, R., Fallnich, C., Feldbausch, R., Fix, A., Graber, Ch., Nebel, A., Urschel, R., Schroder, T., Wang, D., Wallenstein, R. Design and performance of efficient narrowband and mode-locked optical parametric oscillators of BBO and KTP 29008
Beigang, R. *see* Grasser, C. 20984
Beigang, R. *see* Nebel, A. 20981
Beigi, H.S.M. *see* Li, C.J. 25623
Beijersbergen, M.W. *see* Kristensen, M. 18967
Beijing Wang, Yang Zhao, Auner, G.W. Dual-wavelength method for high-density magneto-optic data storage at blue wavelengths 43559
Beikmohamadi, A. Benchmarking low-residue solder pastes 34361
Beikmohamadi, A. Effect of post-reflow no-clean solder paste residue on electrical performance 42315
Beilenhoff, K., Klingbeil, H., Heinrich, W., Hartnagel, H.L. Open and short circuits in coplanar MMIC's 19129
Beim, R.S., Litkenes, I.V., Syromyatnikov, S.Yu., Fedotova, N.V., Shelukhina, T.I. Predictive and experimental investigations of dynamic stability of a power system incorporating UHV transmission line 24644
Beimel, A., Chor, B. Universally ideal secret sharing schemes 21534
Beimin Qu *see* Qu Beimin
Beingessner, S.P., Blaising, J.J., Chollet-Leflour, F., Degre, A., Dromby, C., Forcorni, G., Goy, C., Lecoq, J., Morand, R., Moynot, M., Perrot, G., Rosier-Lees, S. The second level trigger of the L3 experiment. II. The event selection 31761
Beising, R. Suppositions and planned measures for CO_2 reduction in Western Europe 47614
Beith, D.M. *see* Eisenmann, N.R. 39759
Beitz, A., Raymond, K. Is ANSAware 3.0 a support environment for ODP? 14241
Bejan, A., Vargas, J.V.C., Lim, J.S. When to defrost a refrigerator, and when to remove the scale from the heat exchanger of a power plant 33154
Bejan, A. *see* Morega, M. 40924
Bejczy, A. *see* Rovetta, A. 39082
Bejczy, A.K. Teleoperation: the language of the human hand 5431
Bejsovec, V. *see* Stursa, J. 15406
Beke, H.P. Future design methods for DSP system design 18790
Bekefi, G., Catravas, P., Chen, C., Mastovsky, I. Experimental and theoretical studies of the proposed MIT relativistic klystron amplifier 19299
Bekefi, G., Chen, B., Conde, M.E., Mastovsky, I., Ricci, K., Taylor, C.J., Volfbeyn, P. Observations of frequency chirping and phase of a free electron laser amplifier 43698
Bekefi, G. *see* Catravas, P. 19307
Bekefi, G. *see* Chen, C. 11911
Bekefi, G. *see* Chen, C. 28688
Bekefi, G. *see* Jerby, E. 19296
Bekefi, G. *see* Jerby, E. 27420
Bekefi, G. *see* Jerby, E. 43697
Bekefi, G. *see* Jerby, E. 43958
Beker, B. *see* Chen, Y. 19126
Beker, B. *see* Yinchao Chen 36337
Beker, H., Beusch, W., Campbell, M., Catanesi, M.G., Chesi, E., Clemens, J.C., Delpierre, P., di Bari, D., Heijne, E.H.M., Jarron, P., Lenti, V., Manzari, V., Morando, M., Navach, F., Neyer, C., Pengg, F., Perego, R., Pindo, M., Quercigh, E., Redaelli, N., Sauvage, D., Segato, G., Simone, S. A hybrid silicon pixel telescope tested in a heavy-ion experiment 7152
Beker, H. *see* Campbell, M. 46972
Bekeris, V. *see* Ferrari, H. 15177
Bekhouche, N., Feliachi, A. Decentralized estimation for the automatic generation control problem in power systems 24761
Bekir, N. Comparison between coherent and noncoherent optical video communication 23027
Bekkay, T. *see* Chahboun, N. 41424
Bekkedahl, J. *see* Hibbs, A. 20209
Bekker, A. *see* Horowitz, M. 21100
Beklemishev, V.I., Levenets, V.V., Makhonin, I.I., Minazhdinov, M.S., Seletskaia, I.V. Examination of Si substrate surface after different chemical pretreatments by means of nulling ellipsometry 34768
Bekooij, J.P. *see* Labrujere, A.C. 6065
Bekut, D. *see* Nahman, J. 40352
Bel Hadj Tahar, J., Bolomey, J.C., Cauterman, M. Microwave life detector for buried victims 31394
Belady, C.L., Grimmett, J.D., Schwartz, G., Wyatt, G. Thermal analysis of electro-optic systems in TI's defense group 352
Belanger, M. *see* Koblents, B. 37937
Belanger, P.-A. Beam quality factor of the LP_{01} mode of the step-index fiber 3077

Belanger, P.-A. *see* Champagne, Y. 44042
Belani, J.G. *see* Nguyen, L.T. 40957
Belarbi, A. *see* Casanovas, J. 11345
Belas, E. *see* Hlidek, P. 20523
Belas, E. *see* Hoschl, P. 27733
Belashenkov, N.R., Gagarski, S.V., Kopp, V.I., Mochalov, I.V. Influence of Nd^{3+} concentration on operation dynamics of picosecond laser with intracavity Raman conversion of radiation in $KGd(WO_4)_2:Nd^{3+}$ crystals 20696
Belashenkov, N.R. *see* Altshuler, G.B. 28918
Belashenkov, N.R. *see* Azarenkov, A.N. 12337
Belavic, D. *see* Hrovat, M. 10515
Belavic, D. *see* Hrovat, M. 46380
Belchenko, Yu.I., Kupriyanov, A.S. Hollow cathode Penning SPS with anode H^- production 38825
Belcher, C. *see* Guo, B. 17601
Belcher, W.R. *see* Zhang, H.Z. 12677
Beldi, N. *see* Kechouane, M. 10844
Bel'dyugin, I.M. *see* Alimin, D.D. 12282
Bele-Tominc, L. *see* Vrbanec, J. 36701
Beleicheva, T.G. Two-dimensional problems of determination of mode spectra of anisotropic diffusion waveguide 11633
Belendez, A., Carretero, L., Pascual, I. Polarization influences on the efficiency of noise gratings recorded in silver halide holograms 21106
Belendez, A., Fuentes, R., Fimia, A. Noise gratings in thick-phase holographic lenses 3936
Belendez, A., Pascual, I., Fimia, A. Holographic enlarger with an afocal two-element system 3923
Belendez, A. *see* Fimia, A. 44143
Belendez, A. *see* Fimia, A. 44152
Belendez, A. *see* Pascual, I. 21094
Belen'kii, M.S. Effect of residual turbulent scintillation and a remote-sensing technique for simultaneous determination of turbulence and scattering parameters of the atmosphere 47247
Belenov, E.M., Nazarkin, A.V. Transient diffraction and precursorlike effects in vacuum 29161
Beler, M.de *see* de Beler, M.
Beletskii, A.I., Veligura, L.I., Vlasenko, N.A., Kononets, Ya.F. Intrinsic memory in ZnS-MnF_2 thin-film electroluminescent structures 20545
Beletskii, A.I. *see* Vlasenko, N.A. 43621
Belfiore, J.-C. *see* Corbo, P. 36554
Belfiore, J.-C. *see* Holtz, J. 45950
Belfor, R.A.F., Lagendijk, R.L., Biemond, J. Motion compensated sub-Nyquist sampling 14805
Belfort, M., Guieysse, M., Lermoyer, A. In orbit phase shift measurement on a satellite transponder 30685
Belgacem, S. *see* Kamoun, N. 33684
Belhadj, M. *see* Vesely, W.E. 39718
Belhadj Amara, A. *see* Kamoun, N. 33684
Belhaire, E. *see* Lalanne, P. 3273
Belhaire, E. *see* Zhu, Y. 34202
Belhaj, C. *see* Al-Shehri, A. 32353
Belic, I., Belic, L.I. High temperature metallization, alumina grains and intergranular volume modelling 289
Belic, L.I. *see* Belic, I. 289
Beliczynski, B., Gryka, J., Cain, G.D., Kale, I. IIR filter design via Hankel-norm optimal approximation of FIR prototype filters: a streamlined approach 34170
Belikov, S.V., Gurzhiev, S.N., D'yachkov, A.I., Kochetkov, V.I., Murav'eva, T.M., Pronchenko, V.N., Filin, P.A. Physical characteristics of the SOFZ-105 polymethyl methacrylate secondary emitter 7200
Belikov, S.V., Gurzhiev, S.N., D'yachkov, A.I., Kornilovskaya, D.D., Kochetkov, V.I., Malinovskaya, S.A., Murav'eva, T.M., Pronchenko, V.N., Filin, P.A. Physical characteristics of the SOFG-120 polymethyl methacrylate scintillator 7199
Belikov, V.T. *see* Aleinikov, A.L. 41505
Belina, J. *see* Allen, V.A. 24317
Belina, J. *see* McCormack, S.E. 24315
Belina, J. *see* Sakk, E. 24293
Belina, J.C. *see* Riccio, M.L. 15877
Beling, C.D. *see* Chen, T.P. 42845
Belis, E. *see* Boucheret, M.-L. 21494
Belkerdid, M.A. *see* Rawlins, G.S. 37699
Belkerdid, M.A. *see* Schelbert, P.G. 14387
Belkerdid, M.A. *see* Vigil, A.J. 10019
Belkerdid, M.A. *see* Vigil, A.J. 10257
Belkin, V.S., Shulzchenko, G.I. Forming of high-voltage nanosecond and subnanosecond pulses using standard power rectifying diodes 47975
Bell, C.E. Scheduling deep space network data transmissions: a Lagrangian Relaxation approach 30697
Bell, D. *see* Vaisnys, A. 38238
Bell, D.A., Courtwright, H.C. Automated control of aircraft utility subsystems on the MD-11 39232
Bell, D.A., Falconer, J.L., McConica, C.M. Desorption of tungsten pentafluoride from tungsten 821
Bell, G. Simulating mixed-mode designs using SPICE behavioral extensions 10346
Bell, G.D. *see* Zhang, Y.T. 15699
Bell, H.C., Rodrigues, F. Distance protection of split-phase transmission lines 7990
Bell, I.M. *see* Eckersall, K.R. 10354
Bell, I.M. *see* Taylor, G.E. 27093
Bell, J.A. *see* Babbitt, W.R. 44061
Bell, J.M., Smith, G.B., Green, D.C., Barczynska, J., Evans, L., MacDonald, K.A., Voelkel, G., West, B.O., Spiccia, L. Assessment of electrochromic devices based on sol-gel deposited films 35480
Bell, L.D., Manion, S.J., Hecht, M.H., Kaiser, W.J., Fathauer, R.W., Milliken, A.M. Characterizing hot-carrier transport in silicon heterostructures with the use of ballistic-electron-emission microscopy 1919
Bell, L.D. *see* Kaiser, W.J. 27521
Bell, M.R. On the commutativity of discrete memoryless channels in cascade 12794
Bell, M.R. Information theory and radar waveform design 38136
Bell, P.M. *see* Denysenko, A. 15089
Bell, R. Virtual private networks—the major issues, problems and opportunities 13983
Bell, R.G. *see* Raposo, J.A. 31355
Bell, R.H., Jr., Klenke, R.H., Aylor, J.H., Williams, R.D. Results of a topologically partitioned parallel automatic test pattern generation system on a distributed-memory multiprocessor 18560
Bell, R.K. *see* Young, I. 27004
Bell, R.O. *see* Mil'shtein, S. 17400
Bell, R.O. *see* Sana, P. 25684
Bell, S. Architecture and deployment issues in ATM LANs 45510
Bell, S.J. What online searchers should know about wireless data communications 30434
Bell, T.C. *see* Moffat, A. 4389
Bell, T.F. *see* Taranenko, Y.N. 12618
Bellamy, E.H., Bellettini, G., Budagov, J., Cervelli, F., Chirikov-Zorin, I., Incagli, M., Lucchesi, D., Pagliarone, C., Tokar, S., Zetti, F. Absolute calibration and monitoring of a spectrometric channel using a photomultiplier 31733
Bellamy, E.H., Bellettini, G., Budagov, J., Cervelli, F., Chirikov-Zorin, I., Kovtun, V., Incagli, M., Lucchesi, D., Pagliarone, C., Pukhov, O., Seminozhenko, V., Senchishin, V., Tokar, S., Verezub, N., Zaljubovsky, I., Zetti, F. Test of long scintillation counters for supercollider detectors 46956
Bellamy, K. Telecommunications service management in practice: critical people issues 37323
Bellan, P.M. *see* Sato, A.H. 31221
Bellanger, J.J. *see* Thoraval, L. 39063
Bellanger, M. Trends in adaptive filtering 10325
Bellanger, M.G. Adaptive processing of multidimensional signals: from principles to simulation 4697
Bellanger, M.G. *see* Resende, L.S. 21763
Bellani, V. *see* Coffa, S. 10843
Bellare, K.G. *see* Nary, K.R. 36342
Bellare, M., Goldreich, O. On defining proofs of knowledge 12935
Bellare, M., Yung, M. Certifying cryptographic tools: the case of trapdoor permutations 21537
Bellarmine, G.T., Turner, M.C. Energy conservation and management in the US 47354
Bellato, G. The regulation of luminosity 40640
Bellato, G., Cantarella, G., Fabrizi, F. The intelligent choice of low voltage switchboards and devices to optimise and rationalize industrial distribution network 25560
Bellato, M., Dainelli, A., Poggi, M. The beam diagnostics system of the ALPI post-accelerator 7096
Bellato, M. *see* Fortuna, G. 6906
Bellazzini, R. *see* Angelini, F. 7225
Bellazzini, R. *see* Angelini, F. 46951
Belle, P.Van *see* Van Belle, P.
Bellefeuille, J. Total quality management 413
Bellegarda, J., Braden-Harder, L., Jensen, K., Kanevsky, D., Zadrozny, W. Post-recognizer language processing: applications for automatic speech and handwriting recognition 13122
Bellegarda, J.R., de Souza, P.V., Nadas, A.J., Nahamoo, D., Picheny, M.A., Bahl, L.R. An efficient procedure for robust speaker adaptation using a piecewise linear acoustic mapping 13116
Bellegarda, J.R. *see* Bahl, L.R. 4482
Bellemo, S. Characterisation with S-parameters 17812
Bellemo, S. The measurement of RIN in lasers 46649
Bellens, R. *see* De Wolf, I. 34966
Beller, M.J., Li-Fung Chang, Yacobi, Y. Security for personal communications services: public-key vs. private key approaches 37363
Bellerive, J.P. *see* Vaillancourt, G.H. 47605
Bellettini, G. *see* Bellamy, E.H. 31733
Bellettini, G. *see* Bellamy, E.H. 46956
Belleville, M. *see* Poirier, F. 34119
Belli, M. *see* Bollanti, S. 24124
Belli, P., Bernabei, R., Dai, C., Incicchitti, A., Prosperi, D., Bacci, C. Liquid xenon detector for dark matter search at Gran Sasso 7236
Bellido, A.-M. Construction of iteration functions for the simultaneous computation of the solutions of equations and algebraic systems 41126
Bellido, M.J., Acosta, A.J., Valencia, M., Barriga, A., Huertas, J.L. A simple binary random number generator: new approaches for CMOS VLSI 10121
Bellifemine, F., Celidonio, M., Chimienti, A., Marcone, G., Picco, R. Subpixel accuracy in motion estimation for video coding 13832
Bellingham, J.G. *see* Leonard, J.J. 30924
Bellini, A., Figalli, G. An adaptive control for induction motor drives based on a fully linearized model 17432
Bellini, A., Figalli, G., Giunta, G. A stochastic observer for estimation of induction motor rotor flux 8403
Bellini, A., Figalli, G., Giunta, G. A stochastic observer for estimation of induction motor rotor flux 8872
Bellini, S. Blind estimation of a complex channel impulse response 4361
Bellini, S. Digital frequency estimators for M-PSK 21496
Bellini, S., Molinari, C. Efficient simulation of multilevel and coded transmission systems 5137
Bellini, S. *see* Baccetti, B. 37720
Bellini, V. *see* D'Angelo, A. 6943
Bellissard, J., Combe, P., Essoh, C., Sirugue-Collin, M. Convergence of the conductance of a Euclidean random resistor network: a superadditive approach 33861
Bello, A.Dal *see* Dal Bello, A.
Bello, I., Chang, W.H., Lau, W.M. Mechanism of cleaning and etching Si surfaces with low energy chlorine ion bombardment 42697
Bellofatto, O. *see* Negrini, F. 25303
Bellon, Herouard, Lecointe, Nandjee, Tesseron, Verseille Combustion turbines for peak load use in the French generation-transmission system 39998
Bellon, A., Berizzi, A., Silvestri, A., Tironi, E., Zaninelli, D. Provision for attenuation of perturbations (harmonics) 7735
Bellon, A. *see* Bassi, E. 7736
Bellon, A. *see* Campestrini, L. 25939
Bellon, M., Crassier, J.P. EDF's fossil-fired units: environmental improvements 39937
Bellon, P. *see* Andre, J.P. 1922
Bellone, S., Lirer, G. Analytical model of the effective recombination velocity of diffused $p\text{-}p^+$ ($n\text{-}n^+$) high-low junctions at arbitrary injection level 19395
Belloni, M., Lipschultz, F.P., Tanaka, J.A. A laboratory for student research on insulators using the pulsed electroacoustic technique 40820
Bellovin, S.M., Merritt, M. An attack on the Interlock Protocol when used for authentication 44723
Bellutti, P., Lui, A. Insight into gate oxide thinning 42569
Bellwied, R., Bennett, S., Cormier, T., Barish, K., Lajoie, J., Majka, R., Rotondo, F., Sandweiss, J., Wolin, E. GEANT simulation of a lead/scintillating fiber calorimeter: a comparison of the GEANT hadronic packages with data 31684
Belmans, R., De Weerdt, R., Tuinman, E. Combining field analysis techniques and macroscopic parameter simulation for describing the behaviour of medium sized squirrel-cage induction motors fed with an arbitrary voltage 16860
Belmans, R., Geysen, W., Freeman, E. CAD in electromagnetic field analysis 44212
Belmans, R. *see* Dableh, J.H. 8385
Belmans, R. *see* Feng, X. 8327
Belmans, R. *see* Johansson, T.B. 16909
Belmont, M.R. *see* Pugh, A.J. 23711
Belmont-Moreno, E., Menchaca-Rocha, A., Michaelian, K. Application of a specific luminescence model to heavy-ion scintillation detection 7153
Belmont-Moreno, E. *see* Menchaca-Rocha, A. 15642
Belobrajic, Z. Equipment for testing telecommunication networks and devices by generating test calls 13986
Beloglovsky, A.A. *see* Nikitin, O.A. 25034
Beloglovsky, A.A. *see* Vereshchagin, I.P. 20040
Belohlavek, M., Dutt, V., Greenleaf, J.F., Foley, D.A., Gerber, T.C., Seward, J.B. Multidimensional ultrasonic visualization in cardiology 7415
Belohoubek, E. *see* Harshavardhan, K.S. 43340
Belokopytov, G.V., Krasyuk, T.V. Cylindrical ferroelectric resonators with plane-parallel end-face electrodes 2743
Belokopytov, G.V., Pushechkin, N.P., Semenenko, V.N. Characteristics of intermode striction coupling in spherical electroacoustic resonators 2749
Belokrys, S.P. *see* Oseledchik, Yu.S. 26398
Belokurova, O.I. *see* Shcherbakov, A.S. 3244
Belot, D. *see* Diaz Nava, M. 30584
Belotelov, S.V. *see* Andrukhiv, M.G. 42467
Belotitskii, V.I., Kuzin, E.A., Petrov, M.P., Spirin, V.S. Regeneration of optical signals by fiber logic elements operating through stimulated Raman scattering and development of fiber-optic memory 2943
Belotserkovsky, A.A. *see* Dvornikov, V.I. 17514

Belotserkovsky, E., Bar-Or, O., Katzir, A. Infrared fibreoptic temperature monitoring during machining procedures 46482
Belotserkovsky, E., Zur, A., Katzir, A. Nonuniform temperature distribution monitoring with an IR fiber-optic radiometer 38531
Belouet, C. *see* Baniel, P. 896
Belous, O. *see* Veremey, V. 27184
Belous, S.A., Klovskii, D.D. Branch and bound method for design of recurrent signal reception algorithms 29730
Belousov, A.M. *see* Mirzoeva, L.A. 32160
Belousov, A.M. *see* Mirzoeva, L.A. 32161
Belousov, N.P., Zubovich, N.A., Tsvirko, Yu.A. Modeling of indium phosphide Gunn diode oscillators 10434
Belousov, S.P., Demin, V.N., Klochkov, A.P. An improved antifading medium-wave antenna 14760
Belousov, V.N., Nizienko, Yu.K. Powerful Nd:glass laser with composite active elements incorporating WFR cells and output pulse compressors 20703
Belov, A.S., Kuzik, V.E., Nechaeva, L.P., Vasil'ev, G.A., Plokhinski, Yu.V., Yakushev, V.P., Dudnikov, V.G. A source of polarized negative hydrogen ions with deuterium plasma ionizer 31627
Belov, A.S. *see* Dudnikov, V.G. 46819
Belov, A.V., Dianov, E.M., Guryanov, A.N., Miroshnichenko, S.I., Semenov, V.A., Vechkanov, N.N. Single-mode broad-band dispersion compensator based on multicladding fibre structure 35353
Belov, A.V., Dianov, E.M., Gusovskii, D.D., Karpov, V.I., Khopin, V.F., Kurkov, A.S., Shernyakov, Y.M., Vlasenko, O.A., Yavich, B.S. An efficient laser diode module for EDFA pumping 38002
Belov, A.V., Dianov, E.M., Semenov, V.A., Guryanov, A.N., Miroshnichenko, S.I., Vechkanov, N.N. The realization of broad-band dispersion compensation using the multicladding waveguide structure 38006
Belov, A.V., Gusovskiy, D.D., Khopin, V.F., Kurkov, A.S. Optical method for erbium doping distribution measurement in an active fibre preform 3019
Belov, A.V. *see* Anoykin, E.V. 28474
Belov, S.P., Khalimov, G.Z., Skrebtsov, S.A. Algorithm for the optimisation of coded structures in a meteor-burst communication channel 30700
Belov, V.P. *see* Dolinsky, A.V. 15287
Belova, N.G., Karas', V.I. Numerical simulation of high-current ion beam acceleration and charge compensation in magnet-isolated systems 23982
Belozerov, V.V., Goltsov, Yu.I., Shpak, L.A., Yurkevich, V.V. Posistor temperature sensors for a bench of thermoelectric run of computer electronic devices 27322
Belrose, J.S. VLF/LF transmitting antennas 4311
Belshaw, J.C. 'Propagation effects at Ka-band: review of the olympus experience': 22922
Belsky, V. A multi-grid method for variational inequalities in contact problems 33557
Belt, R. *see* Rosenblatt, G.H. 3481
Belt, R.F. *see* Quarles, G.J. 18127
Beltranda, G. *see* Dien, Y. 39758
Beltyugov, V.N., Protsenko, S.G. Thin-film dielectric light polarizer 28575
Belvaux, A., Bouwen, W., Schenk, J., Theys, J. Advantages of the digitalization of bus protection relays and breaker failure protection in medium voltage sub-stations. First application in Belgium 25030
Belvaux, A., Guilmain, C., Lafontaine, P. Optimisation of the choice and use of protection in a digital control station: application in Belgium 16427
Belverde, G. *see* Galluzzo, A. 1061
Belvin, W.K. Second-order state estimation experiments using acceleration measurements 31476
Belyaev, A.E. *see* Vlasenko, N.A. 43621
Belyaev, E.F., Shulakov, N.V. Peculiarities of calculating magnetic fields of small-power induction motors with the rotors made from ferromagnetic powder material 16866
Belyaev, L.S. Rational utilization and efficiency of intrastate (global) energy networks 24659
Belyaev, V.N., Kovalen', V.Yu., Shaigabudinov, A.R. A shaper of synchronization signals with a tunable threshold 46991
Belyaev, V.N., Kovalen', V.Yu., Shaigabudinov, A.R. Time-to-amplitude converter for lifetime spectrometers 47009
Belyaev, V.V., Kovtonyuk, N.F., Kuznetsov, A.B. Antiglare spectacles with controllable light transmission 3226
Belyaeva, A.I., Drozhzhin, N.V., Konovodchenko, E.V., Panin, V.V., Silaev, V.I., Soldatenkov, V.A. Quartz microbalance for studying surface contamination in cryogenic devices 38735
Belyakov, I.V. Statistical characteristics of the interference in channels of an automatic speed control system caused by current in an induction traction drive 8913
Belyakov, L.V., Goryayev, D.N., Rumyantsev, B.L., Sreseli, O.M., Yaroshetskiy, I.D. Selective photoreceivers based on Schottky diodes with a periodically profiled surface 30759
Belyakov, M.I. *see* Lukin, I.A. 14610
Belyakov, V.V. *see* Pershenkov, V.S. 34983
Belyanov, A.A. *see* Astvatsatur'yan, E.R. 2619
Belyanskiy, A.V., Kartashev, V.G. Effect of manufacturing errors on the characteristics of surface acoustic wave pattern-forming circuits 4347
Belyavsky, B.A., Galdetsky, A.V., Lopin, M.I. mm-range equipment for ceramic sintering based on O-type packetized oscillator 26522
Belyavsky, B.A. *see* Lopin, M.I. 1795
Belyayev, A.A., Remizov, L.T., Tolstobrova, N.V., Elbakidze, A.V. Method of detecting anomalous variations of the characteristics of the Earth's natural field at frequencies of 0.1-30 kHz in the search for electromagnetic precursors of earthquakes 47226
Belyayev, V.S. Dynamic variation of the carrier frequency signal power of a radio transmitter and the radio reception quality 14754
Belyayev, Y.F., Shulakov, N.V. Features of a method for analysing the magnetic field of low-power induction motors with the rotor made of ferromagnetic powder material 40175
Belyi, P.N. *see* Afonin, A.A. 8461
Belykh, V.N., Chua, L.O. A new type of strange attractor related to the Chua's circuit 992
Belykh, V.N., Verichev, N.N., Kocarev, L., Chua, L.O. On chaotic synchronization in a linear array of Chua's circuits 1003
Belzile, J. *see* Despins, C.L. 36555
Bemasconi, A., Dal Lago, A. The WESt combiner: benefits in digital radio systems for space diversity receivers 22782
Bemelmans, J. *see* Trontelj, J. 2670
Bemis, A.V. *see* Noor Mohammad, S. 10639
Bemmel, J.H.van *see* van Bemmel, J.H.
Bemmel, V., Ilyas, M. A novel congestion control strategy in ATM networks 5599
Ben Ammar, F., Peter-Contesse, L.-O., Pietzak-David, M., de Fornel, B. Power-range extension of an induction motor speed-drive by using a three-level GTO inverter with space vector modulation 8860
Ben Assayag, G., Vieu, C., Gierak, J., Sudraud, P., Corbin, A. New characterization method of ion current-density profile based on damage distribution of Ga^+ focused-ion beam implantation in GaAs 27651
Ben Ayed, R. *see* Aguili, T. 36307
Ben Hamida, N., Kaminska, B. Multiple fault testing in analog circuits 43071
Ben Hamida Naim *see* Naim Ben Hamida
Ben-Arie, J., Raghunath Rao, K. Optimal operators for template and shape recognition by non-orthogonal image expansion 36793
Ben-Arie, J., Rao, K.R. A novel matching technique using image expansion into nonorthogonal wavelets 13653
Ben-Arie, J., Rao, K.R. Template recognition by image expansion with nonorthogonal wavelets 22279
Ben-Arie, J., Rao, K.R. Optimal template matching by nonorthogonal image expansion using restoration 45039
Ben-Artzi, M. *see* Hardy, A. 36311
Ben-Atar, D. *see* Rahat, I. 19610
Ben-Brahim, L., Kurosawa, R. Identification of induction motor speed using neural networks 16833
Ben-David, A. Backscattering and polarization ratio for cylindrical graphite fibers at CO_2 laser wavelengths 21266
Ben-David, E. *see* Robinzon, R. 32159
Ben-David, G., Malah, D. On the performance of a vector-quantizer under channel errors 21641
Ben-David, R. *see* Abe, K. 7260
Ben-David, R. *see* Abe, K. 15619
Ben-David, R. *see* Abe, K. 46930
Ben-Haim, Y. *see* Armon, D. 41533
Ben-Hanan, U. *see* Peleg, K. 22141
Ben-He Jiang *see* Jiang Ben-He
Ben-Ren Chen, Holmgren, C. CCS network performance impacts in support of personal communications services 37785
Ben-ren Zhu *see* Zhu Ben-ren
Ben-Riala, A. *see* Abounada, A. 32880
Ben-Shalom, A., Kaplan, L., Boxman, R.L., Goldsmith, S., Nathan, M. SnO_2 transparent conductor films produced by filtered vacuum arc deposition 9767
Ben-Tzvi, D., Del Bimbo, A., Nesi, P. Optical flow from constraint lines parametrization 4825
Ben-Yaakov, S., Golan, C., Kesler, S. A standalone ultrasonic water stage monitoring system 7626
Ben-Yaakov, S. *see* Edry, D. 25535
Ben-Yuan Gu *see* Guo-Zhen Yang 36922
Ben-Zvi, J. Enterprise network and storage management: is there a disaster in your future? 14115
Benabes, P., Gauthier, A., Billet, D. New wideband sigma-delta convertor 1276
Benaissa, M. *see* Fenn, S.T.J. 4416
Benali, H., Buvat, I., Frouin, F., Bazin, J.P., Di Paola, R. A statistical model for the determination of the optimal metric in factor analysis of medical image sequences (FAMIS) 7339
Benali, H., Buvat, I., Frouin, F., Bazin, J.P., Di Paola, R. Foundations of factor analysis of medical image sequences: a unified approach and some practical implications 37040
Benalla, A., Gupta, K.C. CAD of two-port gap-coupled rectangular microstrip patches and linear series-fed arrays 21409
Benalla, H. *see* Quichaud, G. 16889
Benaloh, J., De Mare, M. One-way accumulators: a decentralized alternative to digital signatures 29497
Benalycherif, M.L. *see* Budkowski, S. 14116
Benammar, M., Maskell, W.C. A novel miniature zirconia gas sensor with pseudo-reference: amperometric operation providing unambiguous determination of air-to-fuel ratio 6651
Benammar, M., Maskell, W.C. Measurement of oxygen partial pressure using fully-sealed zirconia pump-gauge devices operated in the tracking mode. II 6668
Benard, F. *see* Bailey, D. 38919
Benard, F. *see* Bailey, D. 38920
Benarroch, A. *see* Mercader, L. 21264
Benassayag, G. *see* Faye, M.M. 10862
Benattar, R. *see* Mens, A. 6596
Benatti, P. *see* Abitbol, M. 38713
Benayoun, M., Leruste, P., Narjoux, J.L., Sene, M., Sene, R., Volte, A. Impact reconstruction in pad chambers. I. Simulation studies 46871
Benbouzid, M.E.H., Reyne, G., Meunier, G. Nonlinear finite element modelling of giant magnetostriction 43271
Bench-Capon, T.J.M. *see* Coenen, F.P. 14250
Benchekroun, D., Benrachi, F., Chambon, B., Cheynis, B., Drain, D., Pastor, C., Vagneron, L., Desesquelles, P., Giorni, A., Heuer, D., Lleres, A., Viano, J.B., Fabris, D., Nebbia, G., Viesti, G., Prete, G. Scintillating gas proportional phoswiches 7218
Benchimol, J.L. *see* Alexandre, F. 42882
Bencic, Z., Besic, A., Damjanic, F., Selih, J. Estimation of transient thermal impedance for constant current of a power thyristor using temperature field calculation 11188
Bencic, Z., Jakopovic, Z. A method of detecting measurement errors of the transient thermal impedance for constant current from its time dependence 23926
Bencic, Z., Sunde, V. Application constraints of transient thermal impedance for pulse current 42537
Bencic, Z. *see* Jakopovic, Z. 2540
Bencivelli, W., Bertin, R., Bertolucci, E., Bottigli, U., D'Auria, S., Del Papa, C., Fantacci, M.E., Randaccio, P., Rosso, V., Stefanini, A. Comparison of different GaAs detectors for X-ray digital radiography 31729
Bencivelli, W. *see* Alfano, B. 15724
Bencivelli, W. *see* Bandettini, A. 15723
Bencze, G.L., Benichou, J.L., Della Negra, M., Eggert, K., Herve, A., Peach, D., Radermacher, E., Seez, C., Waurick, G., Wrochna, G., Bacci, C., Ceradini, F., Ciapetti, G., Lacava, F., Margutti, G., Nisati, A., Petrolo, E., Pontecorvo, L., Tusi, A., Veneziano, S., Zanello, L., Cardarelli, R., Di Ciaccio, A., Santonico, R., Andlinger, M., Szoncso, F., Walzel, G., Wulz, C.E. Study of resistive plate chambers for muon detection at hadron colliders 38858
Bencze, G.L. *see* Gasparini, F. 7223
Benczur-Urmossy, G. *see* Warthmann, W. 48249
Benda, J. Metal oxide (ZnO) varistors 10523
Benda, O., Bydzovsky, J. A new method for identification of the bivariate Gaussian Preisach function 35228
Benda, V. Design considerations for fast soft reverse recovery diodes 2435
Benda, V., Dvorak, M., Brabec, L. A note on the problem of fast soft reverse recovery diodes 1041
Benda, V., Spur, P., Kojecky, B. An electron irradiation influence of the homogeneity of large-area GTO 2507
Benda, V., Spur, P., Kojecky, B. Improving large-area GTO homogeneity by electron irradiation 11190
Benda, V., Spur, P., Martinek, J., Pina, B. A simple optical method of in-process checking of GTO uniformity 2496
Bendaas, M.L., Ferrieux, J.P., Rognon, J.P. Modelling and control of power supplies for induction heating 8997
Bendaoud, M. *see* Malec, D. 28297
Bendapudi, S., Jha, M., Govindacharyulu, P.A., Zarabi, M.J. Reduction of fixed loss in buried-channel CCD's operating at 77 K 23717
Bender, D.K., Ferreira, A.M. Higher density using diffusion patterned vias and fine line printing 19262
Bender, F., Dahint, R., Josse, F., Grunze, M., von Schickfus, M. Mass sensitivity of acoustic plate mode liquid sensors on ZX-$LiNbO_3$ 46517
Bender, G., Larkins, E.C., Schneider, H., Ralston, J.D., Koidl, P. Strain relaxation in high-speed p-i-n photodetectors with $In_{0.2}Ga_{0.8}As/GaAs$ multiple quantum wells 10691
Bender, H., Suchar, R., Russer, P. Monte-Carlo PO simulation of scattering from rough surfaces near grazing incidence 44295
Bender, H. *see* Lauwers, A. 19627

Bender, H. *see* Pereira, R. 27567
Bender, H. *see* Verhaverbeke, S. 34717
Bender, H. *see* Werkhoven, C. 34736
Bender, H. *see* Wu, M.F. 10882
Bender, H. *see* Wu, M.F. 27642
Bender, H.A., Silfvast, W.T., Beck, K.M., Singh, R.K. Investigation of distortion and damage of molybdenum-silicon multilayer reflective coatings with high-intensity ultraviolet radiation [for soft X-ray lithography] 28584
Bender, H.A. *see* Richardson, M. 27811
Bender, M., Davidson, A., Dong, C., Drach, S., Glenning, A., Jacob, K., Jia, J., Kempf, J., Periakaruppan, N., Snow, G., Wong, B. Unix for nomads: making Unix support mobile computing 22564
Bender, S.C. *see* Byrd, D.A. 43963
Bender, S.C. *see* O'Shea, P.G. 12263
Bender, S.C. *see* O'Shea, P.G. 43968
Bender, S.C. *see* White, C.J. 28893
Bender, S.K., Pronske, K.L., Ralston, P.A.S. Advanced control software for utility steam stations 39979
Bender, W. *see* Chen, Y. 29755
Bender, W. *see* Feldman, U. 36810
Bendett, M. *see* Mactaggart, I.R. 14636
Bendi, S. *see* Venkatasubramanian, R. 18190
Bendiabdellah, A. *see* Kataoka, T. 8420
Bending, S.J. *see* Peck, A.J. 27557
Bending, S.J. *see* Stoddart, S.T. 42510
Bendl, J., Schreier, L. Switching-off process in synchronous machines by special types of short-circuits at mains 8345
Bendl, J., Schreier, L. Torque and current stress of a three-phase induction motor due to non-simultaneous switch-on 8372
Bendl, J., Schreier, L. Decreasing of torque and current shocks at the beginning of asynchronous start of synchronous machines 40140
Bendl, J., Schreier, L. Contribution to dynamic processes by reswitching synchronous machines 47846
Bendler, J.T., Takekoshi, T. Molecular modeling of polymers for high energy storage capacitor applications 17146
Bendong Luo *see* Luo Bendong
Bendorf, Ye., Korobkov, D.L. Methods of designing a fractional-interval corrector in the frequency domain 36684
Bendotti, P., M'Saad, M. On linear-quadratic adaptive control for the design of missile autopilots 16102
Bendtson, I. *see* Gade, J. 39080
Bendz, D.J. International actions [manufacturing practices] 277
Bene, R.W. *see* Narayanan, C. 6461
Bene, R.W. *see* Walser, R.M. 18947
Bene, R.W. *see* Woei-Yun Ho 43643
Beneat, J. *see* Baher, H. 18843
Benech, P. *see* Bah, S. 11407
Benech, P. *see* Mounier, E. 3123
Benech, Ph., Monllor, C. Optical non-contact transducer 23624
Benecke, C. *see* Schmitt, K. 43490
Benecke, W. *see* Lemke, S. 20198
Benedetto, J. *see* Bernacki, S. 35199
Benedetto, J. *see* Moore, R.A. 35191
Benedetto, J.J., Teolis, A. A wavelet auditory model and data compression 36591
Benedetto, J.J. *see* Teolis, A. 21829
Benedetto, J.M., Moore, R.A., McLean, F.B. Effects of operating conditions on the fast-decay component of the retained polarization in lead zirconate titanate thin films 20051
Benedetto, S., Garello, R., Mondin, M., Montorsi, G. Geometrically uniform multidimensional PSK trellis codes 29446
Benedetto, S., Garello, R., Mondin, M., Montorsi, G. Geometrically uniform partitions of L×MPSK constellations and related binary trellis codes 44679
Benedetto, S., Garello, R., Mondin, M., Montorsi, G. Geometrically uniform TCM codes over groups based on L×MPSK constellations 44704
Benedetto, S. *see* Hui, R. 3601
Benedetto, S. *see* Hui, R. 12105
Benedetto, S. *see* Hui, R. 44079
Benedetto, S. *see* Poggiolini, P. 38083
Benedetto, V., Colombo, C., Cornaglia, B., D'Aria, G., Spini, M. Loss of pointer in SDH digital radio relay systems 14413
Benedi, J.A., de la Fuente, R.M.N. A data acquisition system using opto-couplers with hardware linearization 23473
Benedict, M.K. *see* Vettiger, P. 3641
Benedict, S.L. *see* Allen, M.O. 14187
Benedicto, J., Rinous, P., Roberts, I., Roederer, A., Stojkovic, I. Geostationary payload concepts for personal satellite communications 37739
Benedicto, J. *see* Craig, A.D. 37915
Benedicto, J. *see* Lo Galbo, P. 37904
Benedicto, J. *see* Rastrilla, P. 22822
Benedicto, X. *see* Cullen, C. 22823
Benedicto, X. *see* Cullen, C. 45898
Benedicto, X. *see* Cullen, C.J. 37948
Benediktsson, J.A., Swain, P.H., Ersoy, O.K. Conjugate-gradient neural networks in classification of multisource and very-high-dimensional remote sensing data 32071
Beneke, S. *see* Dahlman, H. 31120
Beneking, C. *see* Becker, F. 28092
Beneking, C. *see* Carius, R. 42465
Beneking, G., Wagner, G., Colter, M., Kupriyanov, E.V., Pavlov, D.A., Khokhlov, A.F. High-conductivity layers of microcrystal n-type silicon for tandem solar cells based on amorphous silicon: fabrication, structure, properties, and applications 41433
Beneking, H. *see* Langheinrich, W. 27883
Beneking, H. *see* Langheinrich, W. 28039
Benel, R.A. Metaprototyping: system prototyping for ATC system development 15971
Benelli, G., Garzelli, A. Type-II hybrid ARQ protocol using concatenated codes 5233
Benelli, G. *see* Abrardo, A. 21484
Benelli, G. *see* Abrardo, A. 22798
Benemann, A. *see* Decreton, M. 2450
Benenati, J.A. *see* Acocella, J. 9266
Benenati, J.A. *see* Caulfield, T. 9262
Benenati, J.A. *see* Caulfield, T. 26202
Benenson, L.S., Fel'd, Ya.N. Some new quadratic lemmas for electromagnetic fields 44190
Benenson, R.E. *see* Xiao, Q.F. 15486
Benes, J.D. *see* Yarden, A.L. 32576
Benet, J.A., Perkons, A.R., Wong, S.H., Zaman, A. Spatial power combining for millimeter-wave solid state amplifiers 1414
Benet, S. *see* Chehouani, H. 9733
Beneteau, L. *see* Adye, T. 38896
Benett, W. *see* Comaskey, B. 20713
Benett, W.J., Freitas, B.L., Ciarlo, D., Beach, R., Sutton, S., Emanuel, M., Solarz, R. Microchannel cooled heatsinks for high average power laser diode arrays 20891
Benetti, P. *see* Arnaudon, H. 46878
Benezech, A. *see* Rouch, H. 9727
Benfield, R.A., Leighton, P., Gaglia, B.N. Startup and early operation of the UDG-Niagara cogeneration facility 8150
Benford, D.J. *see* Kooi, J.W. 43360
Benford, G. *see* Xiaoling Zhai 42369
Benford, J.N., Cooksey, N.J., Levine, J.S., Smith, R.R. Techniques for high power microwave sources at high average power 1793
Beng-Hong Lim *see* Agarwal, A. 18772
Bengio, Y. A connectionist approach to speech recognition 21668
Bengtson, R.D. *see* Yang, J.G. 8618
Bengtsson, B. *see* Nordholm, S. 22689
Bengtsson, E.W. *see* Orbert, C.L. 30036
Bengtsson, J. *see* Nikolajeff, F. 12459
Bengtsson, S. Emission control systems 47750
Bengtsson, S. *see* Ljungberg, K. 34769
Bengtsson, T., Kols, H., Ming, L., Leijon, M. Identification of discharging cavities in solids 2694
Bengtsson, T. *see* Bergquist, H. 11379
Bengtsson, T. *see* Leijon, M.A.S. 48036
Bengtsson, T. *see* Ming, L. 11347
Bengu, G., Ortiz, J.C. Telecommunications systems maintenance 30292
Benhabib, B. *see* He, X. 22174
Benhadj, R., Dawson, B., Safa, M.M.A. Imaging pneumatic proximity-to-tactile sensing 6447
Benhadj, R., Sadeque, S., Dawson, B. Tactile binary image identification 21920
Benhaim, P. *see* Britten, P. 22929
Benhamadou, M. On the inverse's computation of a real, upper Hessenberg matrix 33534
Benhamou, E.A. Spinning the spider's web: the face of global data networking in 1995 37468
Benhamou, P., Biron, B., Rezzouk, J. IDEAL: a network supervised by a network of supervisors 37350
Benhorin, J. *see* Badilini, F. 15885
Benichou, J.L. *see* Bencze, G.L. 38858
Benicourt, A. *see* Tapia-Stocker, C. 5578
Benidir, M., Barret, M. A Bezout resultant based stability test for 2-D digital recursive filters 13463
Benidir, M. *see* Krob, M. 4745
Beniere, F., Chaplain, R., Gauneau, M., Reddy, V., Regreny, A. Delta-doping in diffusion studies 27663
Benimoff, N.I., Burns, M.J. Multimedia user interfaces for telecommunications products and services 22411
Benincasa, G. *see* Barnett, I. 15672
Benisty, D. *see* Aguet, M. 25069
Benitah, L. *see* Dancygier, M. 11480
Benitez, E.L., Dark, M.L., Husk, D.E., Schnatterly, S.E., Tarrio, C. Soft-X-ray damage to p-terphenyl coatings for detectors 43627
Benitez, H. European Community EMC standardization 36224
Benitez, M.C. *see* Segura, J.C. 12992
Benitz, G.R. Asymptotic results for maximum likelihood estimation with an array of sensors 21839
Beniya, N. *see* Siba, K. 25587
Benjamin, E. *see* Antill, M. 22789
Benjamin, H. An overview of the mechanical building systems for the CBC Toronto Broadcast Centre 25946
Benjaminsen, J.T. Testing of terminations for 12 and 24 kV polymeric cable 24962
Benjelloun, M. *see* Kaoula, K. 13759
Benjelloun, M. *see* Kaoula, K. 30092
Benjelloun, M. *see* Sdigui, A. 5072
Benjeloun, M. *see* Sdigui, A. 13680
Benke, K.K., Cox, D., Skinner, D.R. A study of the effect of image quality on texture energy measures 45205
Benkelfat, B.E. *see* Goedgebuer, J.P. 13595
Benkeser, P.J. *see* Pao, T.L. 13506
Benkhellat, Y., Siebert, M., Thomesse, J.-P. Interoperability of sensors and distributed systems 6398
Benklevskaya, N.P. *see* Pashagin, A.I. 41529
Benkner, T. *see* Ehrhardt, D. 14770
Benkoski, J. *see* Greenberg, S. 968
Benlamri, R., Morris, T. A multi-sensor based system for surface inspection 9338
Benlarbi, A., Matton, D., Leroy, Y. Position and velocity profile of a microwave monochromatic source by interferometry 46592
Benlian Zhou *see* Zhou Benlian
Benlloch, J.V. *see* Quinto, J.V. 31105
Benmaiza, M., Tayli, M. Circuit-switched IPC for predictable message passing in a multiloop transputer network 37073
Benmohamed, L., Meerkov, S.M. Feedback control of congestion in packet switching networks: the case of a single congested node 45278
Benmouyal, G., Bilodeau, H., Chano, S., Sybille, G. New algorithm for protection of capacitor banks exposed to harmonic overvoltages 25011
Benmouyal, G., Zocholl, S.E. Testing dynamic characteristics of overcurrent relays 32472
Benmouyal, G. *see* Phadke, A.G. 47608
Bennaceur, R. *see* Bessais, B. 1856
Bennaceur, R. *see* Kamoun, N. 33684
Bennani, Y. Text-independent talker identification system combining connectionist and conventional models 4489
Bennati, M. *see* Bauerle, P. 26528
Bennegueouche, J., Damiano, J.P., Papiernik, A. Original multilayer microstrip disc antenna for dual-frequency band operation: theory and experiment 21382
Benner, A.F., Sauer, J.R., Ablowitz, M.J. Interaction effects on wavelength-multiplexed soliton data packets 23055
Benner, A.F. *see* Jenkins, R.B. 30776
Benner, S. *see* Kaden, C. 20808
Benner, W.R., Jr. *see* Murphy, P. 36083
Bennett, B.R., Shanabrook, B.V., Wagner, R.J., Davis, J.L., Waterman, J.R., Twigg, M.E. Interface composition control in InAs/GaSb superlattices 41350
Bennett, D.J., Price, T.E. Distribution of damage clusters in ion-implanted silicon 2035
Bennett, D.J., Price, T.E. Implantation damage and its effect on channelling 10824
Bennett, D.J., Price, T.E. Clustering, precipitation and diffusion in ion-implanted silicon 19525
Bennett, D.W., Kenington, P.B., Wilkinson, R.J. Power rating of multi-channel linear amplifiers 23282
Bennett, D.W., Kenington, P.B., Wilkinson, R.J. The effect of modulation on the power rating of multi-channel linear amplifiers 41692
Bennett, D.W. *see* Kenington, P.B. 12637
Bennett, D.W. *see* Kenington, P.B. 33912
Bennett, E.B., Jr., Augenstein, D., Hauser, E. The application of an externally-mounted leading edge flowmeter (LEFM) for the measurement of Sequoyah feedwater flow 32577
Bennett, G. ATM—the first 5 years 37470
Bennett, G. Double dipping: the case of the missing binomial coefficient identities 41073
Bennett, G.T. *see* Cover, R.A. 20929
Bennett, G.T. *see* Lampel, M.C. 29075
Bennett, H.E., Rather, J.D.G., Montgomery, E.E., IV Free-electron laser power beaming to satellites at China Lake, California 47450
Bennett, I.M. *see* Hou, J.-Y. 23577
Bennett, J., Dagata, J.A. Time-of-flight secondary ion mass spectrometry study of $P_2S_5/(NH_4)_2S$- and ultraviolet/ozone-treated GaAs 2124
Bennett, J., Dagata, J.A. Ultra-shallow depth profiling with time-of-flight secondary ion mass spectrometry 42614
Bennett, J.A., Dyson, P.L. New-methods for the synthesis and inversion of ground backscatter ionograms 12612
Bennett, J.A. *see* Norman, R.J. 12610
Bennett, J.C. *see* Farhat, K.S. 36366
Bennett, J.M. *see* Dampier, F.W. 17200
Bennett, K. *see* Schonfelder, V. 7146
Bennett, K.H. *see* Younger, E.J. 22815
Bennett, K.W., Brody, P.S., Rod, B.J., Cook, L.P., Schenck, P.K. Ferroelectric and dielectric properties of sol-gel and excimer-laser-deposited lead zirconate titanate and barium titanate films 35143
Bennett, K.W. *see* Oldham, T.R. 34069
Bennett, K.W. *see* Vaudin, M.D. 11374
Bennett, L. New solutions to perimeter protection and point access control 6443
Bennett, M. *see* Elahi, H. 47483
Bennett, M. *see* O'Brien, E. 31743
Bennett, M. *see* Vasanth, K. 33053
Bennett, M.H. *see* Bowling, R.A. 27712
Bennett, N., Wang, J., Shimmin, D.W., Binns, K.J. A new vector control scheme for an adjustable speed AC drive system utilising a high field permanent magnet synchronous machine 8839

Bennett, S. Radar displays for an SS7 network 22460
Bennett, S. *see* Bellwied, R. 31684
Bennett, S.B. INTELSAT VI reboost video presentation 47164
Bennett, V.M., Palmer, E.M. Electronic document delivery using the Internet 45619
Bennett, W. *see* Papadakis, N. 17210
Bennetts, B. *see* Bouwman, F. 2626
Benning, S.L. System control for fault-tolerant avionics architectures 39195
Benning, S.L., Pimpinella, R.J., Seals, J.D. The reliable optical card-edge connector (ROC) 39261
Benninghofen, B. Image processing and numerical methods for the approximation of terrain data 45219
Benninghoven, A. *see* Storm, W. 42671
Bennington, B., Kaczmarek, K., Marko, B. How the postal service wiring standards evolved 37688
Bennion, I. *see* Byron, K.C. 2965
Bennion, I. *see* Sugden, K. 44145
Bennon, R.J. *see* Allemong, J.J. 32289
Bennouna, A. *see* Laaziz, Y. 1829
Benoist, C. *see* Chaix, P. 20925
Benoist, P. *see* Royer, D. 16086
Benoit, A., Martin, M., Pannetier, B. Tunnel junction used as thermometer for ions detection 24053
Benoit, E. *see* Mauris, G. 46299
Benoit, J. *see* Chiaroni, D. 37687
Benoit, J. *see* Stubkjaer, K. 28874
Benotto, P. *see* O'Shaughnessy, K. 47008
Benqing Gao *see* Gao Benqing
Benrachi, F. *see* Benchekroun, D. 7218
Benramdane, N. *see* Julien, C. 42453
Benren Li *see* Li Benren
Bensalem, A., Hakmi, Z., Latreche, A. Electric energy supply of some localities of South Algeria (comparison autonomous groups—network 30 kV) 24881
Bensaoula, A. *see* Bensaoula, A.H. 42696
Bensaoula, A. *see* Medelci, N. 26418
Bensaoula, A. *see* Ming Lu 41400
Bensaoula, A.H., Bensaoula, A., Freundlich, A. Effects of ion beam and electron cyclotron resonance etch-induced damage on the optical properties of multiple quantum well structures 42696
Benson, D. *see* Randall, B. 391
Benson, R. Is chip on board cost effective against standard packaging? 9280
Benson, R.A. *see* Bentley, J.P. 6415
Benson, R.C., Phillips, T.E., Bargeron, C.B., Romenesko, B.M., Uy, O.M. Electromigration of silver in low-moisture hybrids 19264
Benson, S. *see* Liu, H. 31579
Benson, S.V. *see* Barnett, G.A. 28892
Benson, S.V. *see* Neil, G.R. 20928
Benson, T.M., Duffy, A.P., Christopoulos, C. A pro-active approach to the undergraduate teaching of electromagnetic compatibility 44401
Benson, T.M. *see* Al-Asadi, M. 33854
Benson, T.M. *see* Duffy, A.P. 44405
Benson, T.M. *see* Matin, M.A. 28479
Benson, T.M. *see* Matin, M.A. 35837
Benson, T.M. *see* Trenkic, V. 4169
Benson, T.M. *see* Trenkic, V. 36291
Benteftifa, M.H., Kurz, L. Feature detection via linear contrast techniques 4819
Benten, M.S.T., Sait, S.M. GAP: a genetic algorithm approach to optimize two-bit decoder PLAs 26811
Benterud, K., Conradi, J. A novel photodetector frequency response measurement technique using an electrooptic modulator 15030
Benterud, K.P., Krzymien, W.A., Grover, W.D. Quasi-orthogonal subcarrier multiplexing for high-capacity optical data links 23015
Bentley, J.P., Benson, R.A. Design conditions for optimal dual bluff body vortex flowmeters 6415
Bentley, K.S. *see* Unewisse, M.H. 46509
Bentley, P. UPS and downs 25527
Bento, A.C.S.S.M. *see* Conde, C.A.N. 7241
Bento, A.C.S.S.M. *see* dos Santos, J.M.F. 31805
Benton, D.J. *see* Robbins, W. 8109
Benton, J.L. Defects introduced by plasma processing of silicon 10951
Benton, J.L., Eaglesham, D.J., Almonte, M., Citrin, P.H., Marcus, M.A., Adler, D.L., Jacobson, D.C., Poate, J.M. Correlation of electrical, structural, and optical properties of erbium in silicon 10842
Benton, J.L. *see* Boone, T. 34708
Benton, R.D. *see* Cook, R.L. 25805
Benton, S.A. *see* St-Hilaire, P. 29053
Bentong Lin *see* Lin Bentong
Bentourkia, M. *see* Lecomte, R. 15737
Bentourkia, M. *see* Msaki, P. 31870
Bents, D.J., Schreiber, J.G., Withrow, C.A., McKissock, B.I., Schmitz, P.C. Design of small Stirling Dynamic Isotope Power System for robotic space missions 7547
Benussi, G.P. *see* Sberveglieri, G. 6632
Benveniste, A., Nikoukhah, R., Willsky, A.S. Multiscale system theory 36776
Benveniste, A. *see* Basseville, M. 6865
Benveniste, A. *see* Chou, K.C. 44931
Benveniste, A. *see* Zhang, Q. 17785
Benvenuti, A., Giordano, V., Guerzoni, M., Navarria, F.L., Camporesi, T., Vaz, P., Alvsvaag, S.J., Maeland, O.A., Klovning, A., Rongved, R., Read, A.L., Bjarne, J., Hedberg, V., Jarlskog, G., Kronkvist, I., Cassio, V., Gamba, D., Torassa, E., Vallazza, E., Zanini, L., Lanceri, L., Della Ricca, G., Poropat, P., Bonesini, M., Negri, P., Paganoni, M., Gomes, A., Maio, A., Peralta, L., Pimenta, M., Tome, B., Bitioukov, S., Gumenyuk, S., Kariukhine, A., Lapin, V., Obraztsov, V., Ostankov, A., Petrovick, L., Protopopov, I., Semenov, V., Zaitsev, A., Colledani, D., Dulinski, W., Turchetta, R. Prototype design, construction and test of a Pb/scintillator sampling calorimeter with wavelength shifter fiber optic readout 7252
Benvenuti, C. Superconducting coatings for accelerating RF cavities: past, present, future 15429
Benvenuti, C. *see* Arnaud, C. 15506
Benvenuti, L. *see* Bedini, L. 22001
Benvenutti, C.J., Pensutti, E.M., Costa, M.A. Control vehicle noise in C-band VSAT systems 45885
Benyassine, A., Akansu, A.N. An evaluation of M-band orthonormal filter banks: hierarchical and direct structures 36839
Benyon, B. *see* Sudersena Rao, T. 41331
Benyon, R.P. *see* Saxena, A.K. 42545
Benz, G. Optoelectronic microsystems. New technologies for integrated optics on silicon 43671
Benz, K.W. *see* Danilewsky, A.N. 33585
Benz, M.G., Rumaner, L.E., Knudsen, B.A., Zabala, R.J., Hart, H.R., Jr. Melt-formed superconducting joints for Nb_3Sn tape 11517
Benz, W. *see* Hornung, J. 3380
Benzaid, O., Bird, B.M. Interpolation techniques for incremental encoders 38513
Benzaid, O., Bird, B.M. TMS320C25 implementation of a stepping servo 40270
Benzi, F. *see* Ascagni, S. 17496
Benzi, F. *see* Bassi, E. 7736
Beogli, V. *see* Unger, P. 28934
Beom-Seok Seo *see* Taeck-Kie Lee 1044
Beom-Seok Seo *see* Young-Seok Kim 8590
Beomsup Kim, Greco, J.D., Yang, H.C., Wu, W.-C.S., Chowdhury, R.F. An integrated CMOS mixed-mode signal processor for disk drive read channel applications 34185
Ber, B. *see* Korobov, V. 33704
Ber, B.Ya., Busygina, L.A., Gorelenok, A.T., Kamanin, A.V., Merkulov, A.V., Mokina, I.A., Shmidt, N.M., Yakimenko, I.Yu., Yurre, T.A. Particularities of the Zn diffusion into InGaAsP from spin-on polymer films 42635
Ber, B.Ya., Bystrov, S.D., Zushinskii, D.A., Kornyakova, O.V., Le Tuan, Novikov, S.V., Savel'ev, I.G., Tret'yakov, V.V., Chaldyshev, V.V., Shmartsev, Yu.V. Feasibility of formation of $In_{0.52}Al_{0.48}As$ films isoperiodic with the InP substrates by liquid phase epitaxy at low (~650°C) temperatures 33624
Ber, M.N. *see* Amelin, A.I. 7287
Bera, M. *see* De, S.S. 42412
Bera, M. *see* De, S.S. 42428
Berak, J.M. *see* Ade, R.W. 6018
Beraldin, J.-A. *see* Livingstone, F.R. 36088
Beranek, J., Chvojka, M., Kralikova, B., Masek, K., Rohlena, K., Skala, J. Modeling of free-generation regime of iodine photodissociation laser with variable internal loss 35659
Beranek, M.W., Bartella, J.C., Capron, B.A., Griffith, D.M., Koshinz, D.G., Livezey, D.L., Soares, H.P., Jr. Physical design and fabrication of a multiple element slab waveguide spectrograph for multimode fiber-optic WDM systems 23683
Beranek, M.W. *see* Capron, B.A. 45945
Berarducci, T.N. *see* Kenney, T.J. 22168
Berat, C. *see* Ballon, J. 7203
Berat, C. *see* Ballon, J. 31716
Berat, C. *see* Ballon, J. 46910
Berbari, E.J., Ramachandran, D., Lander, P., Geselowitz, D. Identifying uncertainty in epicardial activation maps 39047
Berbari, E.J. *see* Lander, P. 39054
Berben, L. *see* Vandermeulen, D. 39031
Berberovic, S. An improved numerical method for calculating of complex earthing systems 39640
Berbezier, I. *see* Chevrier, J. 19368
Berbezier, I. *see* Derrien, J. 18145
Berceli, T., Herczfeld, P.R., Paolella, A. A new high-efficiency optical-microwave mixing procedure 27211
Berceli, T., Izutsu, M., Sueta, T. A new lightwave-microwave signal conversion method 1531
Berceli, T., Mernyei, F. Enhanced transmitter linearity for multiple subcarrier optical transmission 14652
Berceli, T., Rizzoli, V., Neri, A., Baranyi, A., Hilt, A., Ladvanszky, J. Harmonic-balance analysis of optically injection locked microwave FET oscillators 27293
Berchouz, D. *see* Vray, D. 16090
Berdaguer, P. *see* Plouchart, J.O. 42216
Berdaguer, P. *see* Wang, H. 2447
Berdala, J. *see* Clavreul, R. 43200
Berdala, J. *see* Hadid, A. 43210
Berdala, J. *see* Laurent, C. 43219
Berdinskikh, T.G. *see* Torchinskaya, T.V. 11874
Berdonosov, V.A., Kuleshov, V.K., Vyatkin, I.V. Radiation-direction flaw meters 18341
Berdyshev, A.V., Kurnosov, A.K., Napartovich, A.P. Formation of amplitude gratings in the medium of a CO laser subject to the field of its own multifrequency radiation 43737
Beregulin, E.V. *see* Ganichev, S.D. 38517
Berenbaum, A., Dixon, J., Iyengar, A., Keshav, S. A flexible ATM-host interface for XUNET II 5471
Berenberg, V.A., Danilov, V.V., Reznikov, Yu.A., Sidorov, A.I., Tomilin, M.G. Liquid crystals in laser optics 3224
Berends, R.W. *see* Siedel, D.J. 23383
Berendschot-Aarts, J.A.H.W. *see* Labrujere, A.C. 6065
Berenguel, M. *see* Camacho, E.F. 40059
Berenstein, C. *see* Berman, Z. 13308
Berenz, J. *see* Lai, R. 27284
Berenz, J. *see* Lo, D.C.W. 1638
Berenz, J. *see* Ton, T.-N. 1574
Berenz, J. *see* Wang, H. 1594
Berenz, J. *see* Wang, H. 1606
Berenz, J. *see* Wang, H. 19118
Berenz, J.B. *see* Wang, H. 10498
Berestnev, D.P., Zaitsev, V.V. Analysis of the dispersion characteristics of plane-layered waveguides 12659
Bereza, J. *see* Zgraja, J. 48488
Berezhnoi, A.A., Vetrov, A.A., Volkonskii, V.B. Optical processors for processing large arrays of radar signals 14714
Berezikov, S.A., Tolstoy, A.I. Determination of the parameters of the equivalent circuit of the active region of a Schottky-barrier gate field-effect transistor 19895
Berezin, A.Ya. *see* Abagyan, A.A. 25147
Berezin, G.L., Kir'enin, I.A., Trifonov, E.S. SFERA-2 superconducting magnetic system 11547
Berezin, G.L. *see* Baev, V.P. 8784
Berezin, I.A. *see* Aleksandrovich, K.V. 6981
Berezin, Yu.V., Okulov, M.O., Ryzhov, D.Ye. Improvement in noise immunity of discrete information reception by selective excitation of the ionosphere 45770
Berezina, G.M., Korshunov, F.P., Sobolev, N.A., Voevodova, A.V., Stuk, A.A. Rapid thermal annealing of neutron transmutation doped Czochralski silicon 2094
Berezinets, P.A. *see* Akimov, N.K. 16689
Berezkin, V.V. *see* Khatskelevich, Ya.D. 29668
Bereznai, G.T., Burns, R.S., Hancock, G.A. Technical requirements for simulator-based testing of candidates for authorization 101
Berg, A.P., Mikheal, W.B. Approaches to high quality speech coding using gain-adaptive vector quantization 13080
Berg, A.van den *see* van den Berg, A.
Berg, C. *see* Kessling, G. 15222
Berg, C.van den *see* van den Berg, C.
Berg, D. *see* Cohen, I. 40385
Berg, G. Operations support system for CME 20 45860
Berg, G. *see* Linhjell, D. 11339
Berg, G.J., Sharaf, T.A. System loadability and load shedding 39517
Berg, G.J. *see* Obadina, O.O. 7731
Berg, G.J. *see* Sharaf, T.A.M. 24636
Berg, H., Ritter, J. Fluorescence-based cooling water automation technology improves process control and reduces program costs 16656
Berg, H.M. *see* Ganesan, G.S. 387
Berg, H.M. *see* Ganesan, G.S. 40944
Berg, J.-E. Building penetration loss at 1700 MHz along line of sight street microcells 37769
Berg, J.G. *see* St Pierre, R.J. 20712
Berg, J.S., Warnock, R.L., Ruth, R.D., Forest, E. Construction of symplectic maps for nonlinear motion of particles in accelerators 46780
Berg, K. The sequential process advantage in MCM-L construction 341
Berg, M. Statistical reliability control from an IC user's perspective 17975
Berg, M. *see* Siegal, B. 40974
Berg, P.M.van den *see* van den Berg, P.M.
Berg, R.Van *see* Van Berg, R.
Berg, R.van den *see* van den Berg, R.
Berg, R.W. *see* Knutz, B.C. 25636
Berg, R.W. *see* Knutz, B.C. 25637
Berg, S.V. *see* Lynch, J.G., Jr. 45480
Berg, T., Bernhardt, G., Hesse, H. Weighing with electronic control of the hydraulic lift assembly 31489
Berg, W., Ko, K. Fluorescent screens and image processing for the APS linac test stand 15418
Bergamaschi, L., Bevilacqua, R., Zellini, P. Symplectic factorizations and parallel iterative algorithms for tridiagonal systems of equations 9455
Bergamaschi, R.A., Kuehlmann, A. A system for production use of high-level synthesis 34025
Bergamaschi, R.A. *see* Kuehlmann, A. 26869
Bergamin, A., Cavagnero, G., Mana, G. A displacement and angle interferometer with subatomic resolution 14994
Bergbauer, R., Bremer, C., Grell, E. A new photometric detector in the visible spectral range based on a silicon photodiode 15036
Berge, L. *see* Dumoulin, L. 23599
Berge, M. *see* Francis, O. 7623

Berge, N., Samaan, M., Juanole, G., Atamna, Y. Methodology for LAN modeling and analysis using Petri nets based models 37544
Bergeal, J. *see* Clement, M. 25027
Bergeault, E., Huyart, B., Delisle, Y., Bosisio, R.G. A MMIC six-port reflectometer 23860
Bergeault, E. *see* Abou Chahine, S. 31399
Bergel, I. *see* Sadot, D. 29777
Bergel, I. *see* Sadot, D. 46501
Bergem, D.R.van *see* van Bergem, D.R.
Bergemont, A., Haggag, H., Hart, M., Anderson, L. A new cell and process for very high density full feature EEPROMs and low power applications 18742
Bergemont, A. *see* Hoang, L. 18712
Bergemont, A. *see* Sethi, R.B. 854
Bergen, H. *see* Allinson, C. 21589
Bergen, M.T., Reisman, S., Tapp, W.N. Primate behavioral instrumentation 24147
Bergeon, B. *see* Alkhatib, B. 32229
Berger, C., Gabutti, A., Janos, S., Carelli, P., Castellano, M.G., Leoni, R., Peschiaroli, D. Phase transition study of superconducting microstructures 20186
Berger, C. *see* Abplanalp, M. 24046
Berger, C. *see* Leoni, R. 24048
Berger, C. *see* Mayer, K.H. 16558
Berger, D.G. *see* Perfecto, E.D. 308
Berger, D.G. *see* Perfecto, E.D. 9255
Berger, E. *see* Thierfelder, H.G. 16497
Berger, G. *see* Kulka, D. 17434
Berger, G. *see* Laugier, P. 7396
Berger, H., Weile, D.S. A new formulation of energy transport in nonuniform waveguiding structures 21313
Berger, H. *see* Bauer, S. 9559
Berger, H.S. A user's perspective on GTEM testing 29218
Berger, J. Roentgen: radiation therapy and case-based reasoning 39095
Berger, K.W. *see* Haney, S.J. 27814
Berger, K.W. *see* Kubiak, G.D. 19687
Berger, K.W. *see* Tichenor, D.A. 27831
Berger, M., Chmelir, M., Reedy, H. AFM-characterisation of defects in ultralow absorbing coatings for high power CO_2-laser optics 12289
Berger, M.G. *see* Munder, H. 34725
Berger, P. Physical models on deep penetration welding with emphasis on fluid dynamics 21127
Berger, P. *see* Holzwarth, A. 11980
Berger, P.R. *see* Dutta, N.K. 6028
Berger, P.R. *see* Dutta, N.K. 11892
Berger, P.R. *see* Nichols, D.T. 43689
Berger, S., Be'ery, Y., Ovadia, B.-S., Peretz, R., Wertheizer, G., Gross, Y. An application specific DSP for speech applications 37359
Berger, S.D., Eaglesham, D.J., Farrow, R.C., Freeman, R.R., Kraus, J.S., Liddle, J.A. Particle-particle interaction effects in image projection lithography systems 27903
Berger, S.D. *see* Farrow, R.C. 27894
Berger, T. *see* Chen, Z. 14221
Bergeret, H. *see* Sabary, F. 34472
Bergeron, A., Arsenault, H.H., Eustache, E., Gingras, D. Optoelectronic thresholding module for winner take-all operations in optical neural networks 43572
Bergeron, A., Arsenault, H.H., Gauvin, J., Gingras, D.J. Computer-generated holograms improved by a global iterative coding 12429
Bergeron, A. *see* Ledoux, B. 14782
Bergeron, P. *see* Brun, L. 3016
Bergeron, R. A measurement protocol for power quality coordination 25070
Bergervoet, J.R. EMC measurements and models connecting the system level with the module level 34322
Bergevin, R. *see* Methot, J.-F. 22239
Berggren, M. *see* Adam, W. 46929
Berggren, R.R. *see* Harris, D.B. 3422
Berggren, R.R. *see* Sullivan, J.A. 3426
Berggren, S., Enblom, R. Designing electrical power equipment to withstand seismic loads 17133
Berggren, S. *see* Coad, J.N.O. 47472
Berggren, S. *see* Coad, N. 7918
Berggren, S. *see* Enblom, R. 32389
Bergh, H.van den *see* van den Bergh, H.
Bergh, R. *see* Blake, J. 31258
Berghaus, Th. *see* Binggeli, M. 6537
Bergholt, L. *see* Avdeichikov, V.V. 7239
Bergholz, W., Zoth, G., Gelsdorf, F., Kolbesen, B. Metal contamination in ULSI technology 2642
Bergholz, W. *see* Kolbesen, B.O. 2002
Bergholz, W. *see* Kolbesen, B.O. 19929
Bergler, F., Foth, E. Multimedia communications using the Alcatel 2824 ISDN telephone 22697
Bergljung, C. *see* Borjeson, H. 36191
Berglund, C.N. *see* Murray, A. 27917
Berglund, R.C. Nuclear update 25121
Berglund, S. *see* Dell'Acqua, A. 7283
Berglund, S. *see* Dell'Acqua, A. 46998
Bergman, D. Surface mounting requirements: where are the international standards? 34327
Bergman, K. *see* Li-Jen Cheng 24470
Bergman, R. Transformation of high density packaging infrastructure 9362
Bergman, R.S., Parham, T.G. Applications of thin film reflecting coating technology to tungsten filament lamps 8968
Bergmann, C. *see* Elloumi, K. 17027
Bergmann, D. *see* Kleinhempel, W. 23206
Bergmann, D. *see* Oeynhausen, H. 32760
Bergmann, E.E. *see* Pimpinella, R.J. 39282
Bergmann, H. Test phantoms in nuclear medicine: planar gamma camera 24181
Bergmann, H.-W. *see* de With, A. 12498
Bergmann, H.W. *see* Schutte, K. 18304
Bergmann, J.R., Hasselmann, F.J.V., Costa, L.P.N., Teixeira, F.L., Rego, C.G. On the interpolation of numerically defined surfaces in collimated-beam dual reflector antennas 36390
Bergmann, J.R., Hasselmann, F.J.V., Teixeira, F.L., Rego, C.G. A comparison between techniques for global surface interpolation in shaped reflector analysis 44592
Bergmann, K., Friedrich, B.G., Stump, K., Elliott, W.H. Digital simulation, transient network analyzer and field tests of the closed loop control of the Eddy County SVC 32976
Bergmann, K. *see* Balle, S. 3469
Bergmann, K. *see* Kowalski, F.V. 28911
Bergmann, K. *see* Welsh, G. 16243
Bergmann, N.W., Mudge, J.C. A survey of multimedia computing and communications methods for remote collaboration 37242
Bergmann, R., Kurianski, J. The role of hydrogen in silicon liquid phase epitaxy 681
Bergmann, R., Menschig, A., Lichtenstein, N., Hommel, J., Harle, V., Scholz, F., Schweizer, H., Grutzmacher, D. Investigation of boundary scattering in dry etched quantum wires by artificial manipulation of the wire boundaries 27552
Bergmann, R., Robinson, S., Shi, Z., Kurianski, J. Silicon films incorporating a drift-field grown by liquid phase epitaxy for solar cell applications 18191
Bergmann, R. *see* Griesinger, U.A. 27923
Bergmann, R. *see* Lee, S.H. 41403
Bergmann, R. *see* Zheng, G.F. 40494
Bergmans, J.W.M. On the SNR merits of run-length-limited codes in feedback-equalized recording systems 4442
Bergmans, J.W.M., Fisher, K.D., Wong-Lam, H.E. Variations on the Ferguson Viterbi detector 11496
Bergmark, T., Ekstrom, C., Friden, C.-J., Gajewski, K., Hermansson, L., Jahnke, P., Johansson, A., Johansson, O., Johnson, T., Lofnes, T., Norman, G., Reistad, D., Wedberg, R., Westerberg, L., Sedlacek, M. Operations with internal targets and electron cooling at CELSIUS 31594
Bergner, H. *see* Hempel, K. 41797
Bergoni, N., Giordano, E., Portigliotti, C., Vegni, G. The participation of Milan in the Global Laboratory project 30519
Bergonzi, L. *see* Iliceto, F. 16924
Bergougnoux, P., Barrere, F., Vidal, P. Getting a cooperative environment by coordinating services through a network 30468
Bergquist, H., Kols, H., Bengtsson, T., Li Ming, Leijon, M.A.S. PD detection and localization in EPDM stress cones using acoustic technique 11379
Bergquist, J. *see* Tomita, Y. 12327
Bergqvist, H., Tornqvist, N.E., Gustavsson, R., Lundquist, J. New polymeric material for substitution of porcelain in cable terminations and surge arresters 25001
Bergqvist, J. Finite-element modelling and characterization of a silicon condenser microphone with a highly perforated backplate 16077
Bergqvist, J. *see* Gobet, J. 26466
Bergstrom, N. *see* Kahn, F.J. 6699
Bergveld, P. *see* van Kerkhof, J.C. 47034
Beridze, D.L., Tavartkiladze, Z.R., Ugrelidze, N.A. The characteristics of effective modulation-coding systems based on perforated convolution codes 12922
Beridze, T.M. *see* Sinchuk, O.N. 40688
Berikashvili, V.Sh., Dombrovskii, V.A., Dombrovskii, S.A., Kuznetsova, G.N. The study of light intensity distribution in single-mode fiber waveguides 11614
Berilla, J. *see* Singerman, R. 24150
Berinato, R.J. Acousto-optic tapped delay-line filter 3238
Berishev, I.E. *see* Andreeva, E.I. 35802
Berizzi, A. *see* Bellon, A. 7735
Berjoan, R. *see* Becourt, N. 683
Berkan, R.C. *see* Eryurek, E. 32609
Berkan, W., Dusza, A., Majewski, L., Michalski, A., Serafin, S. Configurations of thyristor frequency converters for induction heating 48470
Berkan, W., Dusza, A., Majewski, L., Michalski, A., Serafin, S. Methods of limiting of commutating overvoltages in thyristor frequency converters for induction heating 48471
Berkel, C.van *see* van Berkel, C.
Berkel, F.P.F.van *see* van Berkel, F.P.F.
Berkeliev, A., Zhilyaev, Yu.V., Nazarov, N., Rud', V.Yu., Rud', Yu.V. Induced polarization photosensitivity in n-GaP/p-Si heterojunctions 42468
Berkeliev, A., Zhilyaev, Yu.V., Nazarov, N., Rud, V.Yu., Rud, Yu.V., Fedorov, L.M. Enhancement of the induced photopleochroism in *p-n*-GaP/*p*-Si structures 38498
Berkeliev, B.M., Dolgikh, V.A., Rudoi, I.G., Soroka, A.M. Ultimate efficiency of the infrared He-Ar laser with ionizing pumping 11930
Berkeliev, B.M., Dolgikh, V.A., Rudoi, I.G., Soroka, A.M. Ultimate parameters of the ultraviolet high-pressure laser based on the second positive system of nitrogen 11931
Berkelman, K. The CESR B Factory 6883
Berkemeier, M.D., Fearing, R.S. Determining the axis of a surface of revolution using tactile sensing 23513
Berkes, I. *see* de Marcillac, P. 24058
Berkey, F.T. *see* Tsai, L.-C. 7619
Berkhoff, A.P. Impedance analysis of subwoofer systems 31073
Berkhoff, A.P., Slump, C.H., Herrmann, O.E., Hoenders, B.J. Simulation of room acoustics using a digital signal processor 21874
Berkhout, A.J. *see* Soede, W. 24353
Berkoe, J.M. *see* Williams, P.M. 47691
Berkoff, T.A. *see* Sirkis, J.S. 20306
Berkovich, S., Loew, M., Zaghloul, M. On-line processing and archiving of continuous data flows 13654
Berkovits, A. *see* Fang, D. 18381
Berkovskiy, A.G., Voronov, V.I., Mikhaylov, V.N. Effect of space charge on the time resolution of photomultipliers 10633
Berkowitz, A.E. *see* Parker, F.T. 35209
Berkowitz, R.L. *see* Bartkiewicz, G.W. 39331
Berkowski, M. *see* Ryba-Romanowski, W. 43802
Berkson, E. *see* Harris, A.I. 7382
Berkvens, P., Gremont, B., Letellier, P., Sierra, S. First beam results of the ESRF preinjector 15392
Berkvens, P., Renouf, M., Ring, T. The ESRF accelerator facility personnel safety system 6938
Berland, V., Touboul, A., Flament, O. Analysis of MOS SOI transistor degradation 2524
Berleant, D.J. *see* Andrews, D.L. 359
Berlemont, P. *see* Skinner, D.A. 38822
Berlien, J. *see* Schartz, L. 14972
Berlin, A.N., Livshits, L.N. The stability of an algorithm 14340
Berliner, T.T., Coleman, M.A. Residential variable energy pricing: American Electric Power Transtext pilot program results 39506
Berlinger, R. *see* Affolter, B. 45720
Berman, D.S. *see* Germano, G. 15763
Berman, E. *see* Kalman, H. 33372
Berman, F. *see* Anderson, M. 1244
Berman, L.E., Nouri, B., Roy, G., Neve, L. Interactive selection of JPEG quantization tables for digital X-ray image compression 24225
Berman, L.S., Grekhov, I.V., Karimov, I.N., Ostroumova, E.V. Surface states on silicon in metal-insulator-semiconductor structures with a tunnel-thin oxide layer 1950
Berman, M. *see* Anderson, B. 34783
Berman, P., Ramaiyer, V. Improved approximations for the Steiner tree problem 26318
Berman, S. *see* Clear, R. 17604
Berman, Z., Baras, J.S. Uniqueness and stability of discrete zero-crossings and maxima wavelet representations 13457
Berman, Z., Baras, J.S. Properties of the multiscale maxima and zero-crossings representations 44961
Berman, Z., Baras, J.S., Berenstein, C. The parametric wavelet maxima representation 13308
Bermas, T.B., Bortkevich, A.V., Kostenich, Yu.V., Lan'kova, S.M., Paramonov, Yu.M., Rubinov, A.N., Tsekhomskaya, T.S. Optical and lasing characteristics of microporous quartz glass impregnated with a dye-activated epoxy polymer 43752
Bermond, J.-C., Fraigniaud, P. Broadcasting and gossiping in de Bruijn networks 45328
Bermudez, J.C.M. *see* Schneider, M.C. 18859
Bernabei, F., Gratta, L., Listanti, M., Sarghini, A. Analysis of on-off source shaping for ATM multiplexing 5174
Bernabei, R. *see* Belli, P. 7236
Bernabeu, E. *see* Gonzalez-Cano, A. 15074
Bernabeu, E. *see* Guerrero, H. 6519
Bernabeu, E. *see* Guerrero, H. 15046
Bernabeu, E. *see* Porras, M.A. 12334
Bernacki, B.E., Bates, K., Mansuripur, M., Hansen, D., Cisneros, D. Characterization of a novel focusing/tracking technique with increased feedthrough immunity for optical-disk applications: the double-astigmatic method 2935
Bernacki, B.E., Mansuripur, M. Investigation of substrate birefringence effects on optical-disk performance 20142
Bernacki, B.E., Mansuripur, M. Causes of focus-error feedthrough in optical-disk systems: astigmatic and obscuration methods 35317
Bernacki, S., Jack, L., Kisler, Y., Collins, S., Bernstein, S.D., Hallock, R., Armstrong, B., Shaw, J., Evans, J., Tuttle, B., Hammetter, B., Rogers, S., Nasby, B., Henderson, J., Benedetto, J., Moore, R., Pugh, R., Fennelly, A. Standardized ferroelectric capacitor test methodology for non-volatile semiconductor memory applications 35199
Bernacki, S.E. Polarization dependent conductivity in thin film PZT capacitors 10537
Bernage, P. *see* Douay, M. 43417
Bernal, G. Helium neon and diode laser therapy is an effective adjunctive therapy for facial paralysis 15909
Bernal, J. *see* Harmony, T. 31914

Bernal, M.T. *see* Mosquera, C.F. 28994
Bernaldo de Quiros, J.G., Elgoibar, J.M.M., Sanchez, A.M. Switching harmonic compensation for non resonant DC/AC inverters 8543
Bernard, C. *see* Pons, M. 18250
Bernard, C. *see* Rouch, H. 9727
Bernard, E. *see* Lyke, J.C. 40929
Bernard, F.E. *see* Jackson, W.D. 25834
Bernard, G., Sidney, J., Vieille, J. Technical studies and developments for bird protection in France 24991
Bernard, G. *see* Barrault, M. 32506
Bernard, G. *see* Fang, J. 13361
Bernard, J.-M.L. *see* Pelosi, G. 36134
Bernard, J.E., Lokhnygin, V.D., Alcock, A.J. Grating-tuned, single-longitudinal-mode, diode-pumped Nd:YVO_4 laser 12083
Bernard, J.M.L. On the explicit solutions of problems of diffraction by a wedge 36141
Bernard, J.M.L. Progresses on the diffraction by a wedge: transient solution for line source illumination, single face contribution to scattered field, and new consequence of reciprocity on the spectral function 36142
Bernard, J.M.L., Pelosi, G. New inversion formula for the spectral function of the Sommerfield-Maliuzhinets integral and applications to the diffraction 36147
Bernard, M. *see* Glotin, F. 7019
Bernard, N. *see* Hueber, J.-M. 20630
Bernard, Ph., Bloess, D., Flynn, T., Hauviller, C., Weingarten, W., Bosland, P., Martignac, J. Superconducting niobium sputter-coated copper cavities at 1500 MHz 15504
Bernard, Ph. *see* Arnaud, C. 15506
Bernard, R., Le Cornec, A., Eymard, L., Tabary, L. The microwave radiometer aboard ERS-1.1. Characteristics and performances 39357
Bernard, T.M. Local and isotropic error diffusion: why and how? 22005
Bernard, T.M., NGuyen, P.E., Devos, F.J., Zavidovique, B.Y. A programmable VLSI retina for rough vision 22267
Bernardi, A., Scavarda, M. Technical facilities of San Marino State Radio and TV Broadcasting Company 14751
Bernardi, C.De *see* De Bernardi, C.
Bernardin, J.P., Gomes, A.S.L., Cohen, J.L., Lawandy, N.M. Experiments and numerical simulations on beam bending and transverse beam encoding by spatial self- and cross-phase modulation in ruby 12376
Bernardini, A., De Fina, S. Performance analysis of new techniques of predistortion with memory in digital radio links 5828
Bernardini, A., De Fina, S. A new predistortion technique using neural nets 29590
Bernardino, J., Joao Rosario, M., Costa Freire, J. Millimeterwave band-pass filters design with technological constraints 27163
Bernardis, M.De *see* De Bernardis, M.
Bernardo, G.Di *see* Di Bernardo, G.
Bernardon, A.M. *see* Waxman, A.M. 7684
Bernards, J.P.C. Design of a detection coil system for a biaxial vibrating sample magnetometer and some applications 6418
Bernards, J.P.C. *see* Rogers, D.J. 35219
Bernas, H., Rualt, M.O., Ping Zheng Multiple amorphous states in ion implanted semiconductors (Si and InP) 10836
Bernas, H. *see* Dumoulin, L. 23599
Bernas, H. *see* Ruault, M.-O. 34673
Bernasconi, A., Dal Lago, A. Improving SDH radio quality performance: the WEST combiner concept and benefits for space diversity receivers 14420
Bernasconi, A., Leoncini, M., Resta, G. Spectral properties of some matrices close to the Toeplitz triangular form 33459
Bernasconi, O. Smoothing of power spectral densities by successive autocorrelation: an application to flight flutter tests 13172
Bernasconi, P. *see* Gfeller, F.R. 45977
Bernasek, S. *see* Olness, G. 34864
Bernat, F., Valouch, V., Vondrasek, F. Performance criteria of star-shaped and circular space vector modulation strategies 40163
Bernat, F., Vecerka, T. Analysis of some problems in PWM design for voltage-type inverters 40332
Berndt, D. History of the accumulator battery 25645
Berndt, J. *see* Nickel, O. 24186
Berners, D., Reginato, L.L. Beam position and total current monitor for heavy ion fusion beams 15343
Bernes, M. *see* Dowell, D.H. 12255
Bernet, R. *see* Eichenberger, S. 38928
Bernet, S. *see* Kohler, B. 21125
Bernet, S. *see* Petzoldt, J. 8564
Bernet, S. *see* Renn, A. 20283
Bernet, S. *see* Wild, U.P. 20279
Bernfeld, M., Grunbaum, F.A. A tomography-based approach for imaging radar backscatter in range delay and Doppler 46051
Bernhard, K., Zrenner, A., Bohm, G., Trankle, G., Weimann, G. Charge transfer and electroabsorption in an electric field tunable double quantum well structure 43538
Bernhard, N., Frank, B., Bauer, G.H. Random telegraphic noise in a-Si_xC_x:H Schottky barriers 34538
Bernhard, U.P. *see* Welti, A.L. 37962
Bernhardt, A., Klein, K.-F., Fabian, H., Grzesik, U., Henschel, H., Kohn, O., Schmidt, H.U. Excitation dependent radiation-induced losses in step-index fibres with undoped core 28443
Bernhardt, A. *see* Becker, J. 3727
Bernhardt, G. *see* Berg, T. 31489
Bernhardt, H. *see* Bernstein, W. 16676
Bernhardt, P.A. Chaotic frequency modulation 36476
Bernhardt, R., Fang, S.-G. Resource services as components of shared application 5479
Bernhardt, R.C. The effect of multipath fading on automatic link transfer for a random walk trajectory 22838
Bernhardt, S. *see* Moore, D.R. 35343
Bernhardt, U. Quasi-continuous calculation of sampled noise in switched-capacitor filters by bandlimited coloured noise 1314
Bernhardt, U. Technical operation-equipment information systems based on GIS in electricity supply undertakings 16202
Bernhardt, U. Simplified calculation of sampled noise arising from white primary noise in switched-capacitor filters especially with continuous transfer paths 27045
Bernholc, J., Kajihara, S.A., Antonelli, A. Theory of doping of diamond 2088
Bernick, P. *see* Desclos, L. 34269
Bernier, E. *see* Pezzani, R. 14357
Bernier, P. New systems make fiber optic testing a remote possibility 5991
Bernier, P. Mini-OTDRs: small in size but growing in stature 23914
Bernik, S. *see* Hrovat, M. 882
Bernik, S. *see* Hrovat, M. 35255
Bernklau, D. *see* Rosenberger, M. 35866
Bernot, F. *see* Crelerot, O. 8811
Berns, R.S., Gorzynski, M.E., Motta, R.J. CRT colorimetry. Part II: metrology 15121
Berns, R.S., Motta, R.J., Gorzynski, M.E. CRT colorimetry. Part I: theory and practice 15120
Bernstein, A., Bienz, T., Caldwell, A., Chen, L., Derrick, M., Gialas, I., Hamri, A., Imlay, R., Kartik, S., Kim, H.J., Kinnel, T., Kreutzmann, H., Li, C.G., Lim, J.N., Loveless, R., Lu, B., Mallik, U., McLean, K.W., McNeil, R., Metcalf, W., Musgrave, B., Oh, B.Y., Park, S., Parsons, J.A., Reeder, D., Repond, J., Ritz, S., Roco, M.T.P., Sandler, P.H. Beam tests of the ZEUS barrel calorimeter 31661
Bernstein, A. *see* Wang, M.-Z. 31689
Bernstein, B. AC breakdown strength of extruded cables and its significance to the user 24954
Bernstein, B. *see* Densley, R.J. 47531
Bernstein, B.S., Brancato, E.L. Aging of equipment in the electric utilities 24672
Bernstein, B.S. *see* Pugh, P.F. 43185
Bernstein, G.H. *see* Xiaokang Huang 27932
Bernstein, J.B., Gleason, E.F., Wetsel, A.E., Liu, E.Z., Wyatt, P.W. Anomalous behavior of semi-insulating silicon rich amorphous silicon nitride 20031
Bernstein, J.B. *see* Murguia, J.E. 10971
Bernstein, L. Innovative technologies for preventing network outages 22386
Bernstein, L., Yuhas, C.M. Managing telecommunications networks 45439
Bernstein, N. *see* Thai, S. 4338
Bernstein, R.H. *see* Auchincloss, P.S. 46953
Bernstein, R.H. *see* Kinnel, T.S. 38880
Bernstein, R.S. *see* Norton, R.L. 7482
Bernstein, S.D. *see* Bernacki, S. 35199
Bernstein, W., Bernhardt, H., Goricke, P. On the life and maintenance of gas turbines 16676
Bernstorf, A. *see* Sundhar, S. 39629
Bernt, D. Maintenance-free batteries. Lead-acid, nickel/cadmium, nickel/hydride. A handbook of battery technology 26037
Bernt, H. *see* Lange, P. 19593
Bernt, H. *see* Wildau, H.-J. 34959
Bernt, P., Kruse, H., Landsbergen, D. Impact of alternative technologies on universal service and competition in the local loop 30557
Bernus, L.von *see* von Bernus, L.
Bernussi, A.A., Brasil, M.J.S.P., Brum, J.A., Cotta, M.A., Hamm, R.A., Staley, T.W., Chu, S.N.G., Harriott, L.R., Panish, M.B., Temkin, H., Cpqd-Telebras InGaAs/InP quantum wells with periodic thickness variation 42501
Berquist, A. *see* Gavi, L. 37307
Berrached, N.-E. *see* Ogawa, H. 4358
Berriane, R. *see* Sanchez, J.-L. 1036
Berrie, J. High-speed problems [PC design] 19210
Berrig, O. *see* Barnett, I. 15672
Berril, J. *see* Vibholm, S. 11348
Berriman, D. The bass race [loudspeaker design] 38366
Berrocal, J. *see* Quinteiro, J.M. 45329
Berroir, J.M. *see* Guldner, Y. 10726
Berroth, M. *see* Thiede, A. 27025
Berroth, M. *see* Thiede, A. 33996
Berroung, A., Fayeulle, S., Hamzaoui, B., Treheux, D., Le Gressus, C. Effect of X-irradiation and friction on the properties of insulators 2733
Berruto, E., Brannlund, T., Gustafsson, J., Maiwald, D., Schott, W., Whitworth, P. Radio protocol architecture of the CODIT UMTS system 45360
Berry, A.D. *see* Hendershot, D.G. 9746
Berry, F.C., Gasser, R.F., Jr., Chen, H.M. ADEPTS: space-based power system management using parallel architecture 39297
Berry, G. Teletext services—can't they go any faster? 37387
Berry, G.M., Burke, S.V., Heaton, J.M., Wight, D.K. Analysis of multilayer semiconductor rib waveguides with high refractive index substrates 11640
Berry, J.B. *see* Naishadham, K. 12630
Berry, J.E. *see* Morton, E.J. 15731
Berry, J.P. *see* Cros, J. 8455
Berry, K., McKinney, J. MCM-D process development and manufacturability 17853
Berry, M., DePinto, G., Steinberg, J. A methodology for continuous defect reduction in a high volume sub-micron CMOS factory 273
Berry, M.J. *see* Rogers, B. 17856
Berry, N. *see* Laursen, K. 6738
Berry, T., Daniels, A.R., Dunn, R.W. Parallel processing of sparse power system equations 32175
Berry, W.B., Sachs, J.L., Kleinman, R.I. Radio frequency (RF) third rail deicing—a comparison with heated rail 48376
Berryman, D.G. *see* Ozard, J.M. 4668
Berset, J.-M. *see* Glotin, F. 43976
Berset, J.M. *see* Glotin, F. 7019
Bershad, B.N. *see* Maeda, C. 22354
Bershad, B.N. *see* Maeda, C. 22648
Bershad, B.N. *see* Watson, T. 22568
Bershad, N.J. *see* Diggavi, S.N. 29606
Bersiner, L., Klein, T. Crossbar structures of integrated optical switching arrays with noninterferometric switches 37669
Berson, B. *see* Kwan, F. 19094
Berson, U. *see* Grajew, G. 37613
Berst, M. *see* Thomas, H.G. 7155
Bert, C.W. *see* Morris, C.P. 28371
Berta, G.L. *see* Pini Prato, A. 48415
Bertagnolli, G. *see* Iliceto, F. 16925
Bertani, M. *see* Antonelli, A. 24054
Berte, F. Variable speed asynchronous motors 47881
Bertenburg, R.M. *see* David, G. 27266
Bertenyi, E. The MSAT spacecraft of Telesat Mobile Inc 39137
Bertfelt, L., Haggstrom, I. An integrated TMN solution — Eripax and TMOS 45448
Bertha, F., Velaerts, B., Mathys, P., Tatakis, E., Wyns, A., Bogaerts, D., Miller, M. An improved power diode model for PSPICE, applied to converter simulation 2434
Berthelsen, G. *see* Bonicel, J. 5997
Berthiau, G., Durbin, F., Haussy, J., Siarry, P. Learning of neural networks approximating continuous functions through circuit simulator SPICE-PAC driven by simulated annealing 42109
Berthier, B. *see* De Filippo, E. 46876
Berthier, P., Legros, E., Giraudet, L., Scavennec, A. A 10 Gbit/s, -22.4 dBm photoreceiver using InP-based HFET preamplifier IC 38122
Berthold, G., Smoliner, J., Gornik, E., Bohm, G., Weimann, G., Suski, T., Wisniewski, P., Hamaguchi, C., Mori, N., Momose, H. Magnetophonon resonances in quantum wires 42536
Berthold, J.W., Reed, S.E., Nash, C.A. Fibre optic sensor system for void fraction measurement in aqueous two-phase fluids 31252
Bertholdt, H.-O., Wille, H., Hirning, H. Reducing radiation exposure by decontamination 39853
Berthot, J. *see* Bertin, P.Y. 38937
Bertilsson, K., Andrekson, P.A., Olsson, B.-E. Characterization and modeling of noise in erbium doped fiber amplifiers in the saturated regime 28802
Bertilsson, K., Andrekson, P.A., Olsson, B.E. Noise figure of erbium doped fiber amplifiers in the saturated regime 43799
Bertilsson, K., Rorgren, R., Andrekson, P.A., Eng, S.T. Characterization of an InGaAsP semiconductor laser amplifier as a multifunctional device 12099
Bertilsson, M., Ingemarsson, I. A construction of practical secret sharing schemes using linear block codes 21558
Bertin, A., Bruschi, M., Bystritsky, V.M., Capponi, M., Cereda, B., D'Antone, I., De Castro, S., Galli, D., Giacobbe, B., Marconi, U., Massa, I., Moroni, C., Piccinini, M., Poli, M., Semprini-Cesari, N., Spighi, R., Stolupin, V.A., Vecchi, S., Vezzani, A., Villa, M., Vitale, A., Wozniak, J., Zavattini, G., Zoccoli, A. Performance of a coincidence neutron spectrometer with double pulse-shape discrimination 31795
Bertin, C.L., Perlman, D.J., Shanken, S.N. Evaluation of a three-dimensional memory cube system 41900
Bertin, P., Roncin, D., Vuillemin, J. Programmable active memories: a performance assessment 1235
Bertin, P.Y., Berthot, J., Breton, V., Doroshkevitch, E., Fonvieille, H., Fournier, G.,

Marchand, C., Stavinsky, A., Vernin, P., Vlassov, A. MEMUS—multiparticle electroproduction modular upgradable spectrometer 38937
Bertin, R. *see* Beaumont, S.P. 15637
Bertin, R. *see* Bencivelli, W. 31729
Bertin, R. *see* Ponnapalli, S. 40938
Bertinelli, M. *see* Cerutti, S. 24301
Bertinetto, F., Gambini, P., Lano, R., Puleo, M. Frequency stabilization of DFB laser diodes to the P(3) line of acetylene at 1.52688 μm by external phase modulation 3656
Bertinetto, F. *see* de Vicente, J. 43724
Bertini, G.J., Chatterton, W.J. Dielectric enhancement technology 47524
Bertini, S., Ghiara, T., Marchesoni, M. AC/DC/AC high voltage traction drives with quasi-zero reactive power demand 40594
Bertino, M. *see* Asmone, A. 31692
Bertino, M. *see* Asmone, A. 31721
Bertlesen, T. *see* Cunningham, P.R. 29076
Bertness, K.A., Kramer, C., Olson, J.M., Moreland, J. In situ observation of surface morphology of InP grown on singular and vicinal (001) substrates 41301
Bertness, K.A. *see* Kurtz, S.R. 9739
Bertoldi, M. *see* Hagopian, V. 24019
Bertolin, C.Areitio *see* Areitio Bertolin, C.
Bertolin, G.Areitio *see* Areitio Bertolin, G.
Bertolin, J.Areitio *see* Areitio Bertolin, J.
Bertolin, M.T.Areitio *see* Areitio Bertolin, M.T.
Bertolini, G.A. *see* Bertolini, J.A. 22643
Bertolini, J.A., Bertolini, G.A. The architecture of timing and management in computer networks 22643
Bertolini, P., Bogatire, G., Fabres, J., Patin, M. New tools and methods for the design of LV networks 24880
Bertolino, G. *see* Fracassi, G.L. 24915
Bertolotti, M., Albani, M., Li Voti, R., Liakhou, G., Michelotti, F., Sibilia, C., Ferrari, A., Syrbu, A.V., Yakovlev, V.P. Thermal behaviour of a laser diode 35869
Bertolotti, M., Liakhou, G., Li Voti, R., Ruo Peng Wang, Sibilia, C., Yakovlev, V.P. Mirror temperature of a semiconductor diode laser studied with a photothermal deflection method 20898
Bertolotti, M. *see* Andriesh, A. 3796
Bertolucci, E. *see* Alfano, B. 15724
Bertolucci, E. *see* Bandettini, A. 15723
Bertolucci, E. *see* Bencivelli, W. 31729
Bertomeu, J., Puigdollers, J., Asensi, J.M., Delgado, J.C., Andreu, J. Parallel conduction in a-Si:H/a-$Si_{1-x}C_x$:H multilayers 27517
Bertomeu, J. *see* Asensi, J.M. 28062
Bertomeu, J. *see* Puigdollers, J. 28617
Berton, R. Multipath effects on radar observations 38146
Bertoncello, R. *see* Laidani, N. 10810
Bertone, D. *see* Lazzarini, L. 691
Bertone, D. *see* Mottet, S. 35491
Bertoni, H.L. *see* Honcharenko, W. 37694
Bertoni, H.L. *see* Honcharenko, W. 45873
Bertoni, H.L. *see* Maciel, L.R. 36182
Bertoni, H.L. *see* Xia, H. 29180
Bertoni, H.L., Carin, L., Felsen, L.B. *(editors)* Ultra-Wideband, Short-Pulse Electromagnetics. Proceedings of an International Conference 40761
Bertoni, S. *see* Cerofolini, G.F. 27645
Bertoni, S. *see* Cerofolini, G.F. 34610
Bertoni, S. *see* Meda, L. 34615
Bertoni, S. *see* Spaggiari, C. 19459
Bertotti, G. *see* Basso, V. 43244
Bertram, C.D., Nugent, A.H. Flow visualisation and measurement in a cardiac assist device 7474
Bertram, D., Spill, B., Stolz, W., Gobel, E.O. Direct epitaxial growth of (AlGa)As/GaAs quantum wires by orientation-dependent metalorganic vapor phase epitaxy 41346
Bertram, H.N. *see* Lin, G.H. 43316
Bertram, H.N. *see* Yuan, S.W. 43274
Bertram, W., Doring, K., Muller, H.B., Renftle, W., Stechemesser, H., Vau, V., Zeumann, J., Zumloh, A. Vacuum processing and control on COSY beam lines 15312
Bertran, E., Guimera, A., Montoro, G. Comparative study of dedicated motion-control processors 40237
Bertran, M. *see* Alvarez-Cuevas, F. 5143
Bertrand, G. *see* Leite, N.J. 45089
Bertrand, J., Bertrand, P. Reflectivity study of time-varying radar targets 23139
Bertrand, J.M. *see* Lauber, W.R. 4127
Bertrand, P. Numerical simulation of ECRIPAC plasma behaviour with Vlasov equations including electron and ion collective effects 15446
Bertrand, P. *see* Bertrand, J. 23139
Bertru, N., Bacquet, Y., Nouaoura, M., Lassabatere, L. UV-O_3 preparation of InAs (100) surfaces prior to MBE growth 41323
Bertsch, D.L. *see* Thompson, D.J. 7145
Bertsch, Y., Blaising, J.J., Bonnefon, H., Chollet-Le Flour, F., Degre, A., Dromby, G., Lecoq, J., Morand, R., Moynot, M., Perrot, G., Riccadonna, X. The second level trigger of the L3 experiment. I. The implementation 31760
Bertuccio, G., De Geronimo, G., Longoni, A., Lauxtermann, S., Bronner, W., Runge, K. HEMT based integrated charge preamplifier first results 31788
Bertuccio, G., Pullia, A. A method for the determination of the noise parameters preamplifying systems for semiconductor radiation detectors 15194
Bertuccio, G., Vescovo, E. Low cost pulse discriminator for a multichannel UV spectrograph 18534
Beru Zhao *see* Zhao Beru
Berube, L. *see* Foster, F.S. 15704
Bervoets, J. *see* Van Huffel, S. 24260
Berwick, A. *see* Gal, G. 43491
Berwick, J. SPICE simulation aids power factor corrector design. 1. State average controller model 39544
Berwick, J. SPICE simulation aids power factor corrector design. II. Start-up simulation 48040
Berwick, M., Jackson, D.A. Co-axial acousto-optical fibre frequency shifter 3243
Berz, M. *see* Alexandre, F. 42882
Berz, M. *see* Weishi Wan 46750
Berzinsh, E.L. *see* Rutkis, M.A. 12358
Besada Sanmartin, J.L. *see* Lopez Alonso, A. 29397
Besaucele, H. *see* Lacour, B. 20627
Bes'chastnov, P.M., Golubev, V.B., Pyata, E.A., Serednyakov, S.I., Shwartz, B.A., Silagadze, Z.K., Smakhtin, V.P., Tikhonov, Yu.A., Tukhanin, S.A., Usov, Yu.V. The results of vacuum phototriode tests 46433
Besenghi, R. *see* Allasia, G. 9442
Beserman, R. *see* Maayan, E. 26433
Beshkov, G., Dimitrov, D.B., Gesheva, K., Bakardjieva, V. Properties of μPCVD polysilicon films after rapid thermal annealing 9765
Beshkov, G., Kolentsov, K., Dimitrov, D.B., Yourukova, L., Rachkova, A., Kamenova, M. Effect of high temperature treatment in different ambient on the properties of SnO_2:F 33671
Beshkov, G. *see* Lasarova, V. 9717
Beshkov, G.D. *see* Gesheva, K.A. 18251
Beshkov, G.D. *see* Velchev, N.B. 27604
Beshouri, G. *see* Atkins, R.A. 46469
Besic, A. *see* Bencic, Z. 11188
Besieris, I.M., Chapzipetros, A.A. A bidirectional approach to the computation of localized wave fields generated by azimuthally symmetric sources 29084
Besieris, I.M. *see* Wansheng Su 34215
Besikci, C. *see* Choi, Y.H. 9584
Beskupchuk, A.M., Volkova, V.V., Lebedev, A.N., Myltseva, V.A. Dosimetric films based on simple nuclear emulsions 38905
Besland, M.P. *see* Hollinger, G. 34729
Besley, L.M. *see* Peng, L. 23556
Besmann, T.M., Gallois, B.M., Warren, J.W. *(editors)* Chemical Vapor Deposition of Refractory Metals and Ceramics II Symposium 26020
Besnard, P., Jia, X., Dalgliesh, R., May, A.D. Polarization switching in a microchip Nd:YAG laser using polarized feedback 3532
Besnard, P. *see* Le Boudec, P. 20677
Besnier, P., Degauque, P., Demoulin, B., Le Helloco, P. Theoretical and experimental investigations of nonuniform transmission lines 44479
Bespal'ko, V.V. *see* Ashcheulov, A.A. 46456
Bespalov, M.B. *see* Trifonov, A.P. 23137
Bespalov, V.I., Betin, A.A., Ergakov, K.V., Zhukov, E.A., Mitropolsky, O.V., Osipov, D.V., Turgenev, S.G. Self-phase conjugation of middle-IR radiation in four-wave mixing and stimulated scattering 3883
Bespalov, V.I., Betin, A.A., Ergakov, K.V., Zhukov, E.A., Mitropol'sky, O.V., Osipov, D.V., Turgenev, S.G. Self-phase-conjugation of middle infrared radiation by four-wave mixing and stimulated scattering 21055
Bespalova, M.B. Joint estimations of range and velocity in the probing of targets by trains of pulses 46068
Bespalova, M.B. *see* Trifonov, A.P. 21738
Bespalova, M.B. *see* Trifonov, A.P. 45024
Bessais, B., Ezzaouia, H., Bennaceur, R. Electrical behaviour and optical properties of screen-printed ITO thin films 1856
Bessalov, A.V., Gepko, I.A. Synthesis of orthogonal codes with inverting continuation 21639
Besse, P.-A. *see* Caracci, S.J. 3399
Besse, P.A. *see* Dall'Ara, R. 35628
Bessege, R. *see* Jaafari, A. 146
Bessege, R. *see* Lefort, A. 40372
Bessenyei, Z., Boncz, I., Niedak, T.Y., Sokolov, L.A. Experience with the ARGUS vibration diagnostics system at VVER 440 and 1000 MW type NPPs 39824
Besser, P.R., Baders, S., Venkatraman, R., Bravman, J.C. Stress gradient and relaxation measurements in Al and oxygen-implanted Al films 34825
Besser, P.R., Brennan, S., Bravman, J.C. An X-ray method for direct determination of the strain state and strain relaxation in micron-scale passivated metallization lines during thermal cycling 34812
Besser, P.R., Mack, A.S., Fraser, D., Bravman, J.C. X-ray determination and finite-element modeling of stress in passivated Al-0.5%Cu lines during thermal cycling 34828
Besser, P.R., Marieb, T.N., Bravman, J.C. Strain relaxation and in-situ observation of voiding in passivated aluminum alloy lines 34804
Besser, R.S., Louris, P.J. Development of a spray photolithography process for selective electroplating of microwave hybrids by using DoE and SPC methods 19257
Bessette, R.R. *see* Tuck, C.D.S. 17165
Bessho, K. *see* Maesaka, A. 2804
Bessho, Y. *see* Hino, M. 38559
Bessho, Y. *see* Itagaki, M. 17862
Bessi, F. *see* Battini, M. 45693
Bessi, L. *see* Tortoli, P. 36746
Bessler, U. *see* Friedrich, J. 15302
Bessmertnykh, N.A. *see* Artamonov, V.Yu. 40187
Bessolov, V.N., Lebedev, M.V., Novikov, E.B. Sulfide passivation of III-V semiconductors: electrochemical aspects 34732
Besson, J.-C. *see* Level, M.-P. 15290
Besson, M. *see* Smith, E. 37302
Besson, P. *see* Aleksan, R. 31759
Besson, P. *see* Aleksan, R. 46903
Besson, R. *see* Suter, J.J. 23840
Besson, R. *see* Walls, F.L. 20112
Besson, R.J., Boy, J.J., Glotin, B., Jinzaki, Y., Sinha, B., Valdois, M. A dual-mode thickness-shear quartz pressure sensor 14930
Besson, T. *see* Sakouti, K. 18641
Bessonov, E.G. Free-proton lasers based on high energy accelerators as high power, high efficiency cm to X-ray machines 43707
Best, M.E. *see* Smith, B.A. 43542
Best, P.E. *see* Markham, J.R. 6680
Best, R.W.B. *see* Faatz, B. 3696
Best, R.W.B. *see* Urbanus, W.H. 3408
Betancor, M.J. *see* Santamaria, A. 37432
Beth, M.U. *see* Mayerhofer, W. 20593
Beth, T., Ding, C. On almost perfect nonlinear permutations 29483
Beth, T. *see* Lam, K.-Y. 14231
Beth, T. *see* Yahalom, R. 45631
Bethea, G.C., Levine, B.F., Asom, M.T., Leibenguth, R.E., Stayt, J.W., Glogovsky, K.G., Morgan, R.A., Blackwell, J.D., Parrish, W.J. Long wavelength infrared 128×128 $Al_xGa_{1-x}As/GaAs$ quantum well infrared camera and imaging system 23727
Bethel, R.E., Paras, G.J. A PDF multitarget tracker 44859
Bethel, S.Z. *see* Dowell, D.H. 12255
Bethke, K.-H., Rode, B., Schneider, M., Schroth, A. A novel noncooperative near-range radar network for traffic guidance and control on airport surfaces 32053
Bethke, K.-H., Roede, B., Schroth, A. A novel near-range radar network for the guidance and control of vehicles on airport maneuvering areas 23167
Betin, A.A., Ergakov, K.V., Mitropol'skii, O.V. Reflection of speckle-inhomogeneous CO_2 laser radiation under four-wave interaction conditions with feedback 44039
Betin, A.A., Kirsanov, A.V. Selection of a phase-conjugate wave in an oscillator based on a four-wave interaction with feedback in an extended nonlinear medium 44105
Betin, A.A. *see* Bespalov, V.I. 3883
Betin, A.A. *see* Bespalov, V.I. 21055
Beton, P.H., Dellow, M.W., Main, P.C., Eaves, L., Henini, M. Magnetic-field dependence of the electrical characteristics of a gated resonant-tunneling diode 34904
Beton, P.H. *see* Buhmann, H. 42851
Beton, P.H. *see* Sakai, J.W. 42850
Beton, P.H. *see* Wang, J. 19562
Betrema, J., Penaud, J.G. Animals and lop-sided trees 513
Betsui, K. *see* Yasuda, H. 27871
Betsui, T. *see* Hasegawa, T. 7789
Bett, T.H., Stevenson, R.M., Norman, M.J., Danson, C.N., Pepler, D.A., Ross, I.N. A binary phase zone plate array for laser beam spatial intensity distribution conversion 12315
Bett, T.H. *see* Taghizadeh, M.R. 12479
Betta, G., Daponte, P. Detection of echoes in noisy environments for multilayer structure characterization 14909
Betta, G.F.Dalla *see* Dalla Betta, G.F.
Bettaz, M., Maouche, M., Soualmi, M., Boukebeche, M. Compact modeling and rapid prototyping of communication software with ECATNets: a case study 13911
Bettels, J., Bishop, F.A. Unicode: a universal character code 4447
Bettendroffer, E. *see* Otto, P. 31044
Betti, B., Crespi, M., Sanso, F. A geometric illustration of ambiguity resolution in GPS theory and a Bayesian approach 39342
Betti, M.Grazia *see* Grazia Betti, M.
Betti, S., De Marchis, G., Iannone, E. Applications of coherent techniques to optical transmission: state of the art and perspectives 37511
Betti, S., De Marchis, G., Iannone, E. Multifrequency modulation for high-sensitivity coherent optical systems 44654
Betti, S., De Marchis, G., Iannone, E. Toward an optimum use of the optical channel capacity 46020
Betti, S., De Marchis, G., Iannone, E., Marcelli, M., Matera, F. Optical code division multiple

access techniques based on polarization modulated coherent systems 5941
Betti-Berutto, A. *see* D'Agostino, S. 5756
Bettini, A. *see* Habetler, T.G. 17456
Betts, A.K., Bolsens, I., Sicard, E., Renaudin, M., Johnstone, A. SMILE: a scalable microcontroller library element 19990
Betts, A.K. *see* Visocchi, P.M. 18505
Betts, D. *see* Moss, J. 38339
Betts, G. Externally modulated optical analog links for microwave applications 45975
Betts, G.E., Johnson, L.M., Cox, C.H., III Optical modulators for analog link applications 6031
Betts, G.E., O'Donnell, F.J., Ray, K.G. Effect of annealing on photorefractive damage in titanium-indiffused $LiNbO_3$ modulators 43534
Betts, G.E. *see* Chung, H. 20387
Betts, G.E. *see* Cox III, C.H. 30701
Betts, R. A new range of erbium-doped fibre amplifier products from Photonic Technologies 38025
Betts, R. *see* Xuan Huy Pham 30549
Betts, R.A., Frisken, S.J., Wong, D., Wickham, P.J. Design and system evaluation of a power EDFA for deployment in the Wollongong fibre to the home/fibre to the curb field trial 38012
Betz, R.A. *see* Gale, A.A. 6578
Betz, R.E., Lagerquist, R., Jovanovic, M., Miller, T.J.E., Middleton, R.H. Control of synchronous reluctance machines 47848
Betz, T. Fast frequency-response measurement with Audio Analyzer UPD 14911
Beucher, S. *see* Rivest, J.-F. 21975
Beugnard, A., Retif, H. Specification of an educational automatic time division switching system 5646
Beuhler, A.J., Wargowski, D.A., Kowalczyk, T.C., Singer, K.D. Optical polyimides for single mode waveguides 3085
Beuker, R.A. *see* Shah, I.A. 13813
Beukers, J.M. Administrative procedures and agreements governing radionavigation 38190
Beuning, S., Bijoch, R.W., Harris, S., Van Demark, J.J., Volkmann, T.L. Expert system based remedial action schemes: activation, validation and execution 32228
Beurel, B. Satellite messaging systems 14458
Beuret, A., Bordry, Fk., Seran, H. Power converter simulation—power and control domain 8599
Beusch, W. *see* Beker, H. 7152
Beusch, W. *see* Campbell, M. 46972
Beusch, W. *see* Siebert, H.-W. 46896
Beuscher, H. Ion sources for proton injection into COSY 15593
Beutler, A. *see* Larsson, C.U.S. 31806
Beutler, D.E. *see* Mayer, T.S. 35028
Beutler, G. *see* Mervart, L. 39350
Beutler, G. *see* Santerre, R. 24474
Beuzekom, M.G.van *see* van Beuzekom, M.G.
Bever, M., Husoy, J.H., Aase, S.O., Ramstad, T.A. Reduction of coding artifacts in subband coders using adaptive filter banks 13561
Bever, T., Hirayama, Y., Tarucha, S. Enhanced collimation in narrow channels fabricated by focused-ion-beam implantation 34573
Bever, T., Pfeiffer, G., Prescha, T., Bohne, D.I., Weber, J., Wieck, A.D., Ploog, K. Deep level transient spectroscopy on focused ion beam written in-plane capacitances 19509
Beverley, R.E., III Kinetic modeling of photolytic lasers operating in the strong photochemical bleach-wave mode 20636
Beverly, R.E., III, Campbell, R.N. Triggering techniques for a compact Marx generator 32942
Bevilacqua, O.M. The non-polluting motor vehicle: dream or reality? Efforts towards introducing electric motor cars in the United States 40580
Bevilacqua, R. *see* Bergamaschi, L. 9455
Bewick, A. *see* Spooner, N.J.C. 7180
Bex, H., Greuel, K. Solid-liquid interface of an inductively heated metal sphere 25938
Bex, L. Review of latest developments of ion sources 6919
Bey, P.P., Jr., SooHoo, J.R., Fare, T.L. Optical neural network with autonulling bridge cells using a nearest-neighbor interconnection scheme 11774
Beyazova, M. *see* Tan, J. 24280
Beydoun, B., Tranduc, H., Oms, F., Charitat, G., Rossel, P., Peyre Lavigne, A. Power MOSFET design and modelling tool for power electronics 1063
Beyea, D.M. *see* Dabkowski, F.P. 20813
Beyea, D.M. *see* Meehan, K. 35811
Beyene, W. *see* Kadakia, S.D. 9298
Beyer, A. *see* Ivanov, K.P. 1398
Beyer, A. *see* Mueller, U. 4171
Beyer, A. *see* Thierbach, W. 42585
Beyer, B. *see* Holtz, J. 47962
Beyer, G. *see* Zhou, J.W. 6499
Beyer, G.P. *see* Kilner, J.A. 27605
Beyer, H.A. Performance analysis of CCD-cameras for industrial inspection 46508
Beyer, H.A., Kersten, T., Streilein, A. Metric accuracy performance of solid-state camera systems 23701
Beyer, H.G. *see* Balewski, K. 46775
Beyer, J.B. *see* Thompson, J.H. 43353
Beyer, U., Pottbrock, R., Voermans, R. 1-MW photovoltaic programme of RWE Energie AG. Planning, construction and operation of photovoltaic power stations 32791
Beyer, W. *see* Nickel, N.H. 9793
Beyerbach, D.M. *see* Nawab, S.H. 21722
Beyerer, J. Detection of milling tool damages by analyzing the workpiece texture 23709
Beyermann, G. *see* Bohm, H. 40399
Beyette, F.R., Jr., Geib, K.M., St. Clair, C.M., Feld, S.A., Wilmsen, C.W. Optoelectronic exclusive-OR using hybrid integration of phototransistors and vertical cavity surface emitting lasers 43684
Beyette, F.R., Jr. *see* Mitkas, P.A. 35534
Beyette, F.R. Jr. *see* Mitkas, P.A. 43567
Beyin Chen, Chung Len Lee A complement-based fast algorithm to generate universal test sets for multi-output functions 34005
Beylat, J.-L. *see* Gautheron, O. 30854
Beylat, J.L. *see* Riant, I. 35717
Beylkin, G., Saito, N. Wavelets, their autocorrelation functions, and multiresolution representation of signals 33463
Beylkin, G. *see* Jenkins, R.B. 30776
Beylkin, G. *see* Saito, N. 44985
Beylot, A.-L. *see* Damm, G. 37548
Beyne, E. *see* De Schepper, L. 26168
Beyne, E. *see* Peeters, J. 36261
Beynon, A.M. *see* Abdelrazik, M.B.E. 18596
Beyzavi, K., Linke, R.A., Devlin, G.E., Ogura, I., Numai, T., Kasahara, K. Observation of switching energy dependence on illuminating beam area in the VSTEP optoelectronic switch 43644
Bezdek, J.C. Integration and generalization of LVQ and c-means clustering 36795
Bezdelkin, V.V., Antonova, E.E. Fundamental characteristics of thickness vibrations of langasite plates for BAW resonators 43234
Bezdelkin, V.V. *see* Grouzinenko, V.B. 20098
Bezemer, J. *see* Meijer, P.M. 42346
Bezemer, J. *see* Van Swaaij, R.A.C.M.M. 27673
Bezemer, J. *see* van Swaaij, R.A.C.M.M. 42437
Bezille, J., Janah, H., Chan, J., Hartley, M.D. Influence of diffusion on some electrical properties of synthetic cables 47510
Bezille, J. *see* Gahungu, F. 16422
Bezille, J. *see* Marlard, T. 16360
Bezinge, A. *see* van der Wiel, A.J. 7322
Bezinger, A. *see* Nemirovsky, Y. 10919
Bezotosnyi, V.V., Konyaev, V.P., Markova, N.V., Kharisov, G.G. Narrowing of the angular distribution of the radiation emitted by high-power injection lasers with a wide stripe contact by an external microselector 43942
Bezruchko, B.P. *see* Astakhov, V.V. 9924
Bezzi, G., Bolchini, C., Bolzoni, I., Bombana, M., Buonanno, G., Cantu, S., Cavalloro, P., Sciuto, D., Zaza, G. CASTOR: an expert advisor for testability enhancement of VLSI systems 33842
Bezzi, G., Bolchini, C., Bolzoni, I., Cantu, S., Fummi, F., Sciuto, D. Design for testability issues in the implementation of sequential array architectures 41875
Bhadani, P.K., Harrison, R.G. Novel discharge circuit for a multijoule TEA CO_2 laser 43725
Bhadoria, B.S. *see* Chandra, A. 25777
Bhadra, S. *see* Bailey, D. 38919
Bhadra, S. *see* Bailey, D. 38920
Bhadra, S.N. *see* Chakraborty, C. 40155
Bhagath, S., Pecht, M.G. Modeling the effects of mixed flowing gas (FMG) corrosion and stress relaxation on contact interface resistance 27342
Bhagath, S. *see* Lall, P. 9296
Bhagavathi, D., Olariu, S., Schwing, J.L., Zhang, J. Time- and cost-optimal parallel algorithms for the dominance and visibility graphs [IC design] 43070
Bhagwat, P., Perkins, C.E. A mobile networking system based on Internet protocol (IP) 22565
Bhagwat, P. *see* Perkins, C.E. 37496
Bhaiwala, M. *see* McKinney, D. 41920
Bhalla, A.S. *see* Shaoping Li 6734
Bhalla, A.S. *see* Sheen, J. 2690
Bhalla, A.S. *see* Sheen, J. 43241
Bhalla, A.S. *see* Wang, J.F. 11363
Bhalla, A.S. *see* Yu, F.T.S. 36041
Bhalla, R., Ling, H. ISAR image formation using bistatic data from "XPATCH" 47318
Bhamidipati, V.N. *see* Reed, M. 8180
Bhan, M.K. *see* Dalal, V.L. 41464
Bhan, R.K., Gopal, V. Analysis of surface leakage currents due to Zener tunnelling in HgCdTe photovoltaic diodes 35582
Bhandare, P., Stohr, E., Mendelson, Y., Peura, R.A. IR spectrophotometric measurement of glucose in phosphate buffered saline solutions: effects of temperature and pH 38976
Bhandare, P. *see* Stohr, E. 38977
Bhandari, D. *see* Pal, N.R. 5129
Bhandari, D. *see* Pal, S.K. 36972
Bhandari, P.M. *see* Zutshi, P. 32773
Bhanot, V., Gupta, H.O., Sharma, J.D. Investigation of power system voltage security analysis under critical loading conditions 39483
Bhansali, V.K. Recent advances in nuclear power technology 8063
Bhanthumnavin, V., Lee, C.H. Optical second harmonic generation of oblique incident light in transmission in potassium dihydrogen phosphate crystal 44085
Bhanu, B., Jones, T.L. Image understanding research for automatic target recognition 24569
Bhanu Prakash, M.R. *see* Subrahmanya, S.V. 32244
Bhar, G.C., Das, S., Chatterjee, U., Datta, P.K., Andreev, Yu.N. Noncritical second harmonic generation of CO_2 laser radiation in mixed chalcopyrite crystal 3833
Bhar, G.C., Das, S., Chatterjee, U., Rudra, A.M., Feigelson, R.S., Route, R.K. Evaluation of $AgGaSe_2$ temperature-dependent nonlinear devices 29018
Bhar, G.C., Das, S., Chatteriee, U., Rudra, A.M., Route, R.K., Feigelson, R.S. Temperature effects in second harmonic generation in $AgGaSe_2$ crystal 12373
Bhar, G.C., Das, S., Datta, P.K. Tangentially phase-matched infrared detection in $AgGaS_2$ 31238
Bhar, G.C., Datta, P.K., Rudra, A.M. Noncollinear ultraviolet generation in a lithium borate crystal 35985
Bhar, G.C., Datta, P.K., Rudra, A.M., Chatterjee, U. Tangentially phase-matched efficient difference frequency generation in beta barium borate crystal 28974
Bharadwaj, K.L. *see* Srivastav, S.K. 39372
Bharadwaj, V. *see* Huang, H. 7044
Bharath Kumar *see* Ahmad, S.N. 8114
Bhargava, B., Khan, A.H., Imece, A.F., DiPietro, J. Effectiveness of pre-insertion inductors for mitigating remote overvoltages due to shunt capacitor energization 25018
Bhargava, R., Ananthakrishnan, T.S., Chandra, A.K., Dhodapkar, S.D., Swaminathan, P. Review of computer based safety related systems—case studies 8075
Bhargava, R., Ananthakrishnan, T.S., Chandra, A.K., Dhodapkar, S.D., Swaminathan, P. Assessment of software quality for safety related systems 16536
Bhargava, R., Behl, L., Khadilkar, S.V. ISE—a simulation development system for power plants 8118
Bhargava, R. *see* Balasubrahmanian, A.K. 16509
Bhargava, S. *see* Rao, A. 29958
Bhargava, V.K. *see* Gulliver, T.A. 36520
Bhargava, V.K. *see* Tellambura, C. 21500
Bhargava, V.K. *see* Tellambura, C. 36488
Bhargava, V.K. *see* Yang, C.Q. 21779
Bharj, J. *see* Robertson, I.D. 27215
Bhartia, P. *see* Ittipiboon, A. 12744
Bhartia, P. *see* Pramanick, P. 10403
Bhasin, K.B. *see* Miranda, F.A. 1404
Bhasin, K.B. *see* Richard, M.A. 4348
Bhasin, K.B. *see* Rohrer, N.J. 34256
Bhasin, K.B. *see* Toncich, S.S. 4183
Bhasin, K.B. *see* Toncich, S.S. 27136
Bhasin, K.B. *see* Toncich, S.S. 42140
Bhasin, S. *see* Meystel, A.M. 36794
Bhasin, S. *see* Meystel, M.A. 4903
Bhaskar, K.S. *see* Arunachalam, S.A. 25301
Bhaskar Rao, P. *see* Om Pal Singh 39829
Bhaskaran, V., Natarajan, B.K., Konstantinides, K. Optimal piecewise-linear compression of images 4839
Bhaskaranarayana, A. *see* Sambasiva Rao, V. 30688
Bhat, A.K.S. A fixed-frequency modified series-resonant converter: analysis, design and experimental results 8514
Bhat, A.K.S. Analysis and design of a modified series resonant converter 40313
Bhat, A.K.S. Analysis and design of a parallel resonant converter with the resonating capacitor on a tertiary winding 47958
Bhat, B.K. Analysis of random sequential complicated faults on a balanced power system 39644
Bhat, C.L., Tickoo, A.K., Koul, R., Kaul, I.K. Semi-intelligent trigger-generation scheme for Cherenkov light imaging cameras 31793
Bhat, D. *see* Venkatesh, S.K. 11354
Bhat, G.A. *see* Sharma, R. 2348
Bhat, I., Wang, W.-S. Growth of (100) oriented CdTe on Si using Ge as a buffer layer 26405
Bhat, I. *see* Ojo, O. 32904
Bhat, I. *see* Petrosky, J.C. 35581
Bhat, I.B. *see* Akram, S. 754
Bhat, I.B. *see* Akram, S. 41335
Bhat, I.B. *see* Iacoponi, J. 752
Bhat, I.B. *see* Johns, B. 736
Bhat, J.J., Thomson, P.P., Pillai, P.R.S. Development of (3,1) drive low-frequency piezofilm hydrophones with improved sensitivity 24536
Bhat, P.K. *see* Hollingsworth, R.E. 18273
Bhat, P.K. *see* Hollingsworth, R.E. 26488
Bhat, R. *see* Agarwala, S. 27742
Bhat, R. *see* Caneau, C. 703
Bhat, R. *see* Jong-Wook Seo 46445
Bhat, R. *see* Kamiya, I. 9608
Bhat, R. *see* Kastalsky, A. 11256
Bhat, R. *see* Koteles, E.S. 2040
Bhat, R. *see* Poguntke, K.R. 46014
Bhat, R. *see* Vail, E.C. 12094
Bhat, S.R. *see* Gopakumar, K. 25449
Bhat, S.S., Smith, D.J. Laser and sound scanner for non-contact 3D volume measurement and surface texture analysis 38987

Bhat, U.Narayan *see* Narayan Bhat, U.
Bhatia, C.M. *see* Rajagopal, K.R. 8812
Bhatia, C.Singh *see* Singh Bhatia, C.
Bhatia, D., Rajagopalan, R., Katkoori, S. Hierarchical reconfiguration of VLSI/WSI arrays 43078
Bhatia, D. *see* Chowdhary, A. 41830
Bhatia, H. *see* Hamel, H. 9278
Bhatia, H. *see* Kadakia, S.D. 9298
Bhatia, M., Karl, W.C., Willsky, A.S. A multiscale method for tomographic reconstruction 24228
Bhatia, P.K. On a characterization of Kerridge inaccuracy 41058
Bhatnagar, H.M. *see* Agrawal, V.K. 31406
Bhatnagar, P.S., Gupta, R.P., Khokle, W.S. Application of high temperature superconductors to microwave 42152
Bhatnagar, P.V., Jakati, R.K., Chaganty, S.P., Bairi, B.R. Stack gas activity release monitoring systems for NPP 16511
Bhatnagar, R. *see* Kulseth, C.R. 24703
Bhatnagar, Y. *see* Nathan, A. 6458
Bhatt, D.P., Udhayan, R. Electrochemical studies on a zinc-lead-cadmium alloy in aqueous ammonium chloride solution 25631
Bhatt, M.R., Desai, U.B. Robust image restoration algorithm using Markov random field model 29984
Bhatt, P.C.P. *see* Tanir, O. 5662
Bhatt, P.C.P. *see* Tanir, O. 22405
Bhatt, P.D. Local area networking (LAN) 22528
Bhattacharaya, J. Mathematical model for magnetisation curve of current transformer 16929
Bhattacharjee, A., Pilla, R.P. Suppression of the sideband instability in tapered FELs and IFELs 43991
Bhattacharjee, A. *see* Pilla, R.P. 35911
Bhattacharjee, A.K. *see* Dan, S. 4287
Bhattacharjee, M.C. Aging renewal process characterizations of exponential distributions 451
Bhattacharjee, P.S. Concentrator in local network 45704
Bhattacharjya, A.K., Roysam, B. Joint solution of low, intermediate, and high-level vision tasks by evolutionary optimization: Application to computer vision at low SNR 37012
Bhattacharya, A. *see* Anitha, V.P. 10999
Bhattacharya, A. *see* Dan, S. 4287
Bhattacharya, A.K., Haider, S.S. A VLSI architecture of an inverse discrete cosine transform 41945
Bhattacharya, A.S. *see* Kumar, V. 8117
Bhattacharya, B. *see* LeBlanc, W.P. 44756
Bhattacharya, B.K., Jain, R., Mehta, H.R., Nigam, R.K., Agrawal, N., Singh, D.R., Ramakrishnan, S. Digital simulation of steam generator level control loop for 500 MWe PHWR 16531
Bhattacharya, D. *see* Roychoudhury, I. 27278
Bhattacharya, D. *see* Shang-E Tai 41816
Bhattacharya, D.K. *see* Raj, B. 25167
Bhattacharya, G. *see* Yurkanin, T. 8212
Bhattacharya, K., Ghosh, D., Dasgupta, D. Microprocessor based protection of alternator against stator insulation failure 8344
Bhattacharya, K. *see* Kothari, M.L. 7841
Bhattacharya, M., Chattopadhyay, T. On the antijamming capability of the injection-locked microwave limiter discriminator 34262
Bhattacharya, P., Qian, K., Lu, X. An algebraic approach for morphological operations on 2D and 3D images 22050
Bhattacharya, P. *see* Goswami, S. 20538
Bhattacharya, P. *see* Sun, H.C. 20782
Bhattacharya, P. *see* Sun, H.C. 20895
Bhattacharya, P. *(editor)* Properties of lattice-matched and strained Indium Gallium Arsenide 17698
Bhattacharya, P.K., Andhole, S.K. Effects of radiation and annealing of n-channel IGFETs with implications for space applications 34963
Bhattacharya, P.K. *see* Chand, N. 18204
Bhattacharya, P.K. *see* Chen, W.L. 41329
Bhattacharya, P.K. *see* Claverie, A. 749
Bhattacharya, P.K. *see* Gupta, S. 11853
Bhattacharya, P.K. *see* Li, S.H. 687
Bhattacharya, P.K. *see* Li, W.Q. 19033
Bhattacharya, R. *see* Gangopadhyay, G. 1814
Bhattacharya, R. *see* Sharma, S.N. 27468
Bhattacharya, S., Banerjee, S., Nguyen, B.-Y., Tobin, P. An analytical model for the temperature dependence of leakage current in polysilicon-on-insulator (poly-SOI) p-MOSFET's 28180
Bhattacharya, S., Brglez, F., Dey, S. Transformations and resynthesis for testability of RT-level control-data path specifications 34028
Bhattacharya, S., Gopalakrishnan, K.R., Bairi, B.R. PC based alpha, beta and gamma counting system 6350
Bhattacharya, S., Lobo, M., Jung, L., Banerjee, S., Reuss, R., Batra, S., Park, K., Hu, G. Control of polysilicon emitter bipolar transistor characteristics by rapid thermal or furnace anneal of the polysilicon/silicon interface 11163
Bhattacharya, S. *see* Harshavardhan, K.S. 20170
Bhattacharya, S. *see* Katragadda, P. 40960
Bhattacharya, S. *see* Kundu, M. 31960
Bhattacharya, S. *see* Manna, I. 42932
Bhattacharya, S. *see* Pavan, A. 6023
Bhattacharya, S. *see* Sultan, A. 2024
Bhattacharya, S. *see* Sultan, A. 42623
Bhattacharya, S.S., Banerjee, S.K., Nguyen, B.-Y., Tobin, P.J. Temperature dependence of the anomalous leakage current in polysilicon-on-insulator MOSFET's 42937
Bhattacharya, T.K., Haykin, S. Application of time-frequency distributions for improved radar target detection 14691
Bhattacharya, T.K., Jones, G., Haykin, S. Information in the time-frequency plane and its applications to adaptive radar signal processing 38150
Bhattacharya, T.K. *see* Gangopadhyay, U. 42960
Bhattacharya, U. *see* Allen, S.T. 19034
Bhattacharya, U. *see* Rodwell, M.J.W. 27285
Bhattacharyya, A. Barrier heights at the Si-SiO_2 and poly-Si-SiO_2 interfaces 10773
Bhattacharyya, A. *see* Chen, B. 20026
Bhattacharyya, A.B., Chandra, S., Chand, A., Rustagi, S.C. Polysilicon SOI MOSFETs using rapid thermal polyoxide as gate dielectric 28183
Bhattacharyya, A.B. *see* Bandyopadhyay, A. 43112
Bhattacharyya, A.K. *see* Jackson, D.R. 21400
Bhattacharyya, B.B. *see* Nikodem, M. 10365
Bhattacharyya, B.B. *see* Wang, S. 10239
Bhattacharyya, J. *see* Ganchev, S.I. 38651
Bhattacharyya, M. *see* Bhuyan, P.K. 4118
Bhattacharyya, M. *see* Singh, G.K. 40179
Bhattacharyya, P.K., Mathukumar, V., Puntambekar, P.D., Pande, K.C. Intelligent controller application in power plants 16532
Bhattacharyya, R., Kluepfel, H.M. G-core hackers a clear and present danger 5274
Bhattacharyya, R. *see* Pal, S. 45128
Bhattacharyya, R. *see* Seth, T. 9705
Bhattacharyya, S. *see* Pal, S. 45128
Bhattacharyya, S.N. *see* Gangopadhyay, T.K. 38527
Bhattacharyya, S.S., Lee, E.A. Scheduling synchronous dataflow graphs for efficient looping 44897
Bhattarai, A. *see* Khan, M.A. 2566
Bhattarai, A.R. *see* Khan, M.A. 15010
Bhattarai, A.R. *see* Khan, M.A. 18265
Bhattcharya, P. *see* Gutierrez-Aitken, A.L. 20568
Bhatti, A. *see* Cushman, P. 24012
Bhatti, A. *see* Hulbert, M. 7206
Bhatti, A.R. *see* Falster, R. 2012
Bhatti, S.N. *see* Pavlou, G. 14047
Bhatti, S.S. *see* Singh, J. 9934
Bhatti, S.S. *see* Singh, J. 24140
Bhaumik, B. Semiconductors 42382
Bhavaraju, V.B., Enjeti, P.N. Analysis and design of an active power filter for balancing unbalanced loads 39584
Bhaven, V.S. *see* Sharma, M.P. 16502
Bhavnani, S.H. Design and construction of a solar-electric vehicle 48246
Bhavnani, S.H., Tsai, C.-P., Jaeger, R.C., Eison, D.L. An integral heat sink for cooling microelectronic components 323
Bhavnani, S.H. *see* Hopkins, D.C. 19267
Bhavsar, V.C. *see* Turner, C. 13744
Bhaway, M.M. *see* Pramanik, A. 6718
Bhaya, A. *see* Kaszkurewicz, E. 42125
Bhend, W.L. *see* Mertens, J.D. 38995
Bhide, A.L. *see* Satyamurthy, P. 25749
Bhide, V.G. *see* Dusane, R.O. 9697
Bhide, V.G. *see* Rozati, S.M. 872
Bhide, V.G. *see* Rozati, S.M. 33678
Bhihe, C.K., Mataga, P.A., Hutchinson, J.W., Rajendran, S., Kalejs, J.P. Residual stresses in crystal growth 41397
Bhimnathwala, H., Borrego, J.M. Measurement of the sheet resistance of doped layers in semiconductors by microwave reflection 46571
Bhingarde, S., Khawaja, R., Panyam, A., Sherwani, N.A. Over-the-cell routing algorithms for industrial cell models 43074
Bhingarde, S., Panyam, A., Sherwani, N.A. Middle terminal cell models for efficient over-the-cell routing in high-performance circuits 33818
Bhosale, C.H., Uplane, M.D., Patil, P.S., Lokhande, C.D. Characterization of sprayed $CdSb_2S_4$ thin films by photoelectrochemical method 42599
Bhouri, N.H., Cochran, D. Multiresolution time-frequency techniques for spread spectrum demodulation and jamming 22786
Bhowmik, A. Optical resonators for free-electron lasers 20942
Bhowmik, R.K. *see* Ajith Kumar, B.P. 46722
Bhukhanwala, S., Ramabadran, T. Automated segment based visual enhancement of photographs 22097
Bhukhanwala, S.A., Ramabadran, T.V. Automated global enhancement of digitized photographs 36982
Bhullar, B.S. *see* Boiarski, A.A. 6612
Bhumbra, B.S. *see* Davies, I.G.A. 28880
Bhunia, C.T. Voltage division multiplexing in data security 22312
Bhushan, B., Hinteregger, H.F., Rogers, A.E.E. Thermal considerations for the edge guiding of thin magnetic tape in a longitudinal tape transport 35234
Bhushan, B., Patel, A., De Souza, J.N., Claude, J.-P. Managing heterogeneous networks—integrator-based approach 14041
Bhushan, B. *see* Venkatesan, S. 34496
Bhushan, K.Phani *see* Phani Bhushan, K.
Bhushan, S., Thakur, D. Structural dependence of photoconductivity in Nd and Pr doped CdS films 20511
Bhutani, G., Pearlman, W.A. Image sequence coding using the zero-tree method 29959
Bhutt, S. *see* Lang, M.A.I. 39347
Bhutta, I.A. *see* Hayes, M.B. 23544
Bhuva, B. *see* Brown, A.O. 35077
Bhuva, B.L. *see* Milanowski, R.J. 34979
Bhuyan, P.K., Bhattacharyya, M., Tyagi, T.R. Statistical distribution of IEC at midlatitude and its application to Earth-ionosphere communication systems [ionosphere electron content] 4118
Bi, J. *see* Anjanappa, M.A. 35248
Bi, X. *see* Branham, B.H. 24303
Bi Baokang *see* Baokang Bi
Bi Guangguo *see* Xiang Zengjun 18921
Bi Qi *see* Qi Bi
Bi Shaolin *see* Shaolin Bi
Bi Xiao Fang *see* Xiao Fang Bi
Bi-Lin Huang *see* Yun-Zhen Wang 19533
Bi-Shiou Chiou, Jyh-Ming Tzeng, Jenq-Gong Duh Fabrication and properties of alumino-boro-silicate glass-ceramic systems 9806
Bi-Shiou Chiou, Shu-Ta Hsieh, Wen-Fa Wu Electrical behavior of low-power RF magnetron-sputtered indium tin oxide films on silicon substrate 41454
Bi-Zhen Dong *see* Guo-Zhen Yang 36922
Biagi, R. *see* De Renzi, V. 42780
Biagini, M.E., Guiducci, S., Masullo, M.R., Vignola, G. DAΦNe lattice update 15379
Biagini, M.E. *see* Antonelli, A. 24054
Bialas, S., Abramowicz, A. Comments on 'Analysis and realization of L-band dielectric resonator microwave filters' by V. Mandrangeas et al. [and reply] 34231
Bialecki, B., Dillery, D.S. Fourier analysis of Schwarz alternating methods for piecewise Hermite bicubic orthogonal spline collocation 33517
Bialkowska, H. *see* Bachler, J. 46934
Bialkowski, M.E. A field matching analysis of a waveguide structure incorporating two discended probes 29255
Bialkowski, M.E., Waris, V.P. Electromagnetic model of a planar radial-waveguide divider/combiner incorporating probes 18996
Bialkowski, M.E., Waris, V.P. Determination of the equivalent circuit parameters for an M-way radial waveguide combiner/divider 27182
Biallas, G. *see* Harwood, L. 15527
Bialoskorski, J. *see* Piekoszewski, J. 48115
Bialoskorski, P. *see* Koczara, W. 8511
Bialoskorski, P. *see* Koczara, W. 8597
Bialoskorski, P. *see* Koczara, W. 17083
Biamonte, M.A.B. Safety and a systems approach to training 39794
Bian Shuheng *see* Shuheng Bian
Biancheri, G. *see* Pini Prato, A. 48415
Bianchi, A. *see* Cerutti, S. 24301
Bianchi, G., Turner, J.S. Improved queueing analysis of shared buffer switching networks 5177
Bianchi, G., Turner, J.S. Improved queueing analysis of shared buffer switching networks 22310
Bianchi, L. *see* Baron, E. 15585
Bianchi, P., Fiamberti, D., Fiore, G. The measurement of fault-circuit impedance and contact voltage in earthed-neutral systems 39643
Bianchi, R., Negrini, A., Barberis, M. Irradiation technology in electric cables and wires with electron accelerators 39604
Bianchini, M.J. *see* Galani, Z. 19068
Biancini, J.A. Chip mounting technology 34465
Bianco, A. *see* Ajmone Marsan, M. 37153
Bianco, A. *see* Marsan, A. 5929
Bianco, A. *see* Marsan, M.A. 30218
Bianco, A. *see* Marsan, M.A. 30709
Bianco, A. *see* Marsan, M.A. 30745
Bianco, M. *see* von Criegern, R. 42616
Bianco, S., Casaccia, R., Fabbri, F.L., Giardoni, M., Passamonti, L., Russo, V., Sarwar, S., Votano, L., Zallo, A. Calorimetry for low energy photons with a hybrid of CsI(Tl) and Pb-SCIFI modules 31711
Bianco, S. *see* Sarwar, S. 31698
Biao, Y. *see* George, M.A. 10755
Biao Huang *see* Huang Biao
Biase, G.A.De *see* De Biase, G.A.
Biasi, B.Victor de *see* Victor de Biasi, B.
Biasi, V.de *see* de Biasi, V.
Biasini, M. *see* DiBitonto, D. 31722
Biasiol, G., Sorba, L., Bratina, G., Nicolini, R., Franciosi, A. Modification of heterojunction band offsets at III-V/IV/III-V interfaces 34584
Biasiol, G. *see* Bratina, G. 1908
Biasiol, G. *see* Cantile, M. 34893
Biasizzo, A. *see* Novak, E. 10276
Biasizzo, A. *see* Novak, F. 10278
Biavati, M. *see* Summonte, C. 8746
Biba, P., Judge, J., Johnson, G. Alternate use of containment spray pumps for shutdown cooling and spent fuel pool cooling 32586
Bibby, H.M., Hohmann, G.W. Three-dimensional interpretation of multiple-source bipole-dipole

resistivity data using the apparent resistivity tensor 7590
Bibilashvili, Yu.K. *see* Shcheslov, A.S. 32593
Bible, D.W. *see* Lauf, R.J. 25936
Bibra, M.L.von *see* von Bibra, M.L.
Bibyk, S. *see* Budinger, J.M. 14568
Bic, L. *see* Rundensteiner, E.A. 18427
Bicarregui, J., Ritchie, B. Invariants, frames and postconditions: a comparison of the VDM and B notations 30215
Bicchi, A., Canepa, G. Optimal design of multivariate sensors 46403
Bicchi, P. *see* Atutov, S.N. 43890
Bicciato, F. *see* Borgatti, R. 40325
Bich, W., Cox, M.G., Harris, P.M. Uncertainty modelling in mass comparisons 46647
Bickel, J.E. VLF/LF propagation measurements 4126
Bickers, L. *see* Senior, J.M. 5955
Bickers, L. *see* Senior, J.M. 30805
Bickley, D.G. *see* Blair, S.L. 42806
Bicknell, A., Smith, J.S., Lucas, J. Infrared sensor for top face monitoring of weld pools 40991
Bicknell, W. *see* Korman, C.S. 18481
Bidault, F., Cummings, T. Innovating through alliances: expectations and limitations 17777
Biddick, C.J. *see* Garofalo, J. 26898
Biddulph, P. *see* Cronstrom, H. 31804
Biddulph, R.H., Bader, M.G., Buxton, A. A simple apparatus for measuring the tensile strength of single fibres 26540
Bideux, L., Gruzza, B., Porte, A., Robert, H. Structural and electrical study of ⟨Au/InP(100)⟩ and ⟨Au/InSb/InP(100)⟩ systems 1947
Bidnurkar, M.M., Levitan, S.P., Melhem, R.G., Chiarulli, D.M. Model of lossless bus structure using erbium fiber amplifiers pumped near 820 nm 20487
Bidoli, V. *see* Antonelli, A. 24054
Bidoli, V. *see* Bocciolini, M. 24082
Bidstrup, S.A. *see* Cloud, T.A. 9304
Bidstrup, S.A. *see* Cloud, T.A. 17899
Bidstrup, S.A. *see* Laursen, K. 6738
Bidwell, P., Altin, C., Pankhania, M., Whitmer, J. The evaluation of particulate emission control alternatives for the McMeckin Station 32674
Bie, C.Y.C. *see* Shen, H.C. 4832
Bie, J.de *see* de Bie, J.
Biebl, E. *see* Luy, J.-F. 4272
Biebl, E. *see* Wollitzer, M. 10484
Biedenbender, M. *see* Lai, R. 19048
Biederman, I., Hummel, J.E., Cooper, E.E., Gerhardstein, P.C. Shape recognition in mind, brain, and machine 37050
Biedlingmaier, S. *see* Henniger, O. 30228
Biefeld, R.M. The use of novel organometallic sources in metal organic chemical vapor deposition (MOCVD) 41469
Biefeld, R.M., Baucom, K.C., Kurtz, S.R. The growth of $InAs_{1-x}Sb_x$/InAs strained-layer superlattices by metalorganic chemical vapor deposition 41262
Biefeld, R.M., Baucom, K.C., Kurtz, S.R., Follstaedt, D.M. The growth of $InP_{1-x}Sb_x$ by metalorganic chemical vapor deposition 9524
Biefeld, R.M., Drummond, T.J. Fermi level effects on dislocation formation in $InAs_{1-x}Sb_x$ grown by MOCVD 2092
Biefeld, R.M. *see* Kurtz, S.R. 35766
Biefeld, R.M. *see* Schneider, R.P. 781
Biegelmeier, G., Brugere, H., Gourbiere, E., Kieback, D., Lambrozo, J., Rabitsch, G., Vidal, R. Conventional limiting values of fault voltage and contact voltage. Limits of fault voltage and contact voltage allowing for the resistance of shoes in humans and foot pads in useful animals 207
Biegelmeier, G., Morx, A. The classification of network protection systems according to IEC publication 364—an imperfect approach 25025
Biegelsen, D.K. *see* Bringans, R.D. 9535
Biegelsen, D.K. *see* Liu, H.I. 19374
Biegelsen, D.K. *see* Liu, H.I. 27750
Biegelsen, D.K. *see* Liu, H.I. 34782
Biegl, C. *see* Sztipanovits, J. 4625
Bielak, J. *see* Zeng, X. 26378
Bielawski, S.S. *see* Mulyarchik, S.G. 42826
Bieler, M. *see* Balewski, K. 46775
Bielesch, U., Budde, M., Fischbach, M., Freisinger, B., Schafer, J.H., Uhlenbusch, J., Viol, W. A Q-switched multikilowatt CO_2 laser system excited by microwaves 11944
Bielewicz, Z. *see* Krzemiriski, Z. 40337
Bielle-Daspet, D. *see* Campo, E. 2547
Bielle-Daspet, D. *see* Guillemet, J.P. 26496
Bielser, B., Frischholz, G., Gminder, H.-J. Optical FTTC subscriber connection in the Ticino 5632
Bielski, J. *see* Kruszewski, J. 43489
Bielski, S. *see* Hagl, R. 40536
Biemond, J. *see* Barnard, H.J. 30081
Biemond, J. *see* Belfor, R.A.F. 14805
Biemond, J. *see* Bosveld, F. 31021
Biemond, J. *see* Franich, R.E.H. 13553
Biemond, J. *see* Franich, R.E.H. 29952
Biemond, J. *see* Frimout, E.D. 31048
Biemond, J. *see* Kleihorst, R.P. 22198
Biemond, J. *see* van der Meer, P.J. 14305
Bien Zeungnam *see* Zeungnam Bien
Bienaise, G. *see* Irving, E. 39810
Biendit, J.C. *see* Schaffer, M.D. 39484
Bieniosek, F.M. *see* O'Day, S.C. 46834
Bienz, T. *see* Abe, K. 7260
Bienz, T. *see* Abe, K. 15619
Bienz, T. *see* Abe, K. 46930
Bienz, T. *see* Bernstein, A. 31661
Bienz, T. *see* Wang, M.-Z. 31689
Bier, V.M. *see* Kaplan, S. 33287
Bierens, L.H.J., Deprettere, E.F. A matrix description of synthetic aperture radar data 14705
Bierhoff, R. The assessment of renewable energy sources from the viewpoint of a connection undertaking 32792
Bieringer, R. *see* Harding, K.G. 8967
Bierlein, J.D. *see* Cheng, K.L.K. 18123
Bierlein, J.D. *see* Cheng, L.-T. 21072
Bierlein, J.D. *see* Chu, D.K.T. 20049
Bierlein, J.D. *see* Chu, D.K.T. 20052
Bierman, G.S. *see* Hong, L. 29847
Biernacki, A.M. *see* Khoury, J. 13607
Biernacki, P. *see* Chen, K.Y. 1590
Biernacki, R.M. *see* Bandler, J.W. 1449
Biernacki, R.M. *see* Bandler, J.W. 41597
Biernacki, R.M. *see* So, P.P.M. 27198
Biersack, J.P. *see* Steinbauer, E. 38839
Biery, G.A. *see* Filippi, R.G. 34800
Biesenack, J., Koster, M., Langmaier, A., Ledeux, S., Marz, S., Payer, M., Pilsl, M., Rumler, S., Soukup, H., Wehn, N., Duzy, P. The Siemens high-level synthesis system CALLAS 33836
Biester, M., Douverne, E., Hulsen, U., Ruthemann, K., Zimmer, W. Hardware realization of an XPIC system/measurement method and results 14418
Biester, M. *see* Friedrich, J.A. 14449
Biesterbos, J. *see* De Loore, B.J.S. 23358
Bietrix, F., Lovstrom, B., Salomonsson, G. Enhancement of ultrasound images by multiscale analysis 15831
Biever, C. *see* van Exter, M.P. 43825
Biewald, H., Grube, S., Wagner, P., Riedel, H. Experiences of the East German electricity supply undertakings in adapting their cable installations to DIN VDE 16323
Biewald, H. *see* Riedel, H. 16324
Biey, M., Chialina, S., Hasler, M., Premoli, A. Piecewise-linear analysis for Chua's circuit family, including the computation of Lyapunov exponents 1000
Biezen, P.W.A.C. *see* de Haan, G. 22043
Biffi, A. *see* Galimberti, A. 47048
Biffi Gentili, G. *see* Maci, S. 21411
Bigan, E. *see* Choi, Y.H. 9584
Bigan, E. *see* Saxler, A. 18207
Bigan, E. *see* Staveteig, P.T. 28589
Bigelow, J.M., Leburton, J.P. Self-consistent modeling of resonant interband tunneling in bipolar tunneling field-effect transistors 42997
Bigelow, M.G., van Hout, F.J. The economic benefits of new stepper technology for manufacturing with 0.35 μm IC design rules 2384
Bigelow, T.A. *see* Edmunson, S.A. 39179
Bigeni, J.J. Pay television technologies 38258
Bigenwald, P., Boring, P., Moore, K.J., Gil, B., Woodbridge, K. Exciton binding energies and photo-induced tunnelling of carriers in (Ga,In)As-GaAs heterostructures grown with built-in piezoelectric field 42422
Bigg, T. Architectural VHDL design and test synthesis 41757
Biggar, M. *see* Leditschke, M. 36913
Biggar, M. *see* Pang, K. 5622
Biggar, M. *see* Pang, K. 36914
Biggar, M.J., Arnold, J.F. B-ISDN delivery of HDTV 30543
Bigger, J. *see* Stokes, K. 25982
Biggins, J.B. Protect transformers from fire hazards 16921
Biggs, P.J. *see* Entine, G. 15728
Bigham, J. *see* da Silva, L. 37291
Bigham, J. *see* Kehl, W. 37349
Bigio, I.J., York, G., McLeod, J., Czuchlewski, S.J., Rose, E., Hanson, D.E., Kurnit, N.A., McCown, A. Mercury: a second-generation KrF laser for inertial fusion research 20634
Bigler, E. *see* Ballandras, S. 43233
Biglieri, E. *see* Bartucca, F. 37084
Biglieri, E. *see* Beaulieu, N.C. 22297
Biglieri, E. *see* Drakul, S.L. 44658
Bignozzi, C. *see* Smestad, G. 48138
Bignozzi, C.A., Argazzi, R., Indelli, M.T., Scandola, F. Design of supramolecular systems for spectral sensitization of semiconductors 43640
Bigolas, J. *see* Drabik, W. 15331
Bigot, S. *see* Scheich, R. 8595
Bigun, J., du Buf, J.M.H. N-folded symmetries by complex moments in Gabor space and their application to unsupervised texture segmentation 36990
Bihai Tang *see* Yonglu Deng 26249
Biham, E. New types of cryptanalytic attacks using related keys 36541
Biham, E., Shamir, A. Differential cyptanalysis of the full 16-round DES 21540
Bihan, F.Le *see* Le Bihan, F.
Bihan, J.le *see* le Bihan, J.
Bihari, T.E. *see* Layton, C.F. 24398
Bihe Deng *see* Deng Bihe
Bihrle, R. *see* Stanghvi, N.T. 15713
Biing Sheng Wu *see* Shou Wei Hsieh 2511
Biing-Der Liu, Si-Chen Lee, Kou-Chen Liu, Tai-Ping Sun, Sheng-Jehn Yang InSb p-channel metal-oxide-semiconductor field-effect transistor prepared by photoenhanced chemical vapor deposition 28160
Biing-Jye Lee *see* Jyh-Feng Lin 3358
Biing-Jye Lee *see* Jyh-Feng Lin 43663
Biing-Jye Lee *see* Ming-Jiunn Jou 9516
Bij, J. *see* Burghoorn, J. 20654
Bijaoui, A. *see* Starck, J.-L. 45045
Bijele, M. Optical switching in broadband networks 43507
Bijkerk, F., Shmaenok, L., Louis, E., Nikolaus, B., Voss, F., Desor, R. Characterization of a novel two-stage KrF laser with high pulse energy and low beam divergence 11999
Bijkerk, F. *see* Louis, E. 26510
Bijkerk, F. *see* Shmaenok, L. 28026
Bijleveld, J. *see* Kaan, A.P. 6928
Bijleveld, J.H.M. *see* Heine, E. 15566
Bijleveld, J.H.M. *see* van der Linden, A. 15405
Bijleveld, J.H.M. *see* van der Linden, A. 15567
Bijoch, R.W. *see* Beuning, S. 32228
Bijwe, P.R. *see* Indulkar, C.S. 16914
Bijwe, P.R. *see* Indulkar, C.S. 16915
Bijwe, P.R. *see* Indulkar, C.S. 39610
Bijwe, P.R. *see* Verma, H.K. 7806
Bikai Luo *see* Luo Bikai
Bikowsky, Z. *see* Efendovich, A. 42021
Bikulchius, E. *see* Pachebutas, V. 10725
Bilagi, C.S. *see* Dhekial, R.P. 27185
Bilalovic, F. *see* Sabanovic, A. 16771
Bilbault, J.M. *see* Marquie, P. 44485
Bilbro, G. *see* Abdelqader, I. 4908
Bilbro, G.L. Fast stochastic global optimization 26322
Bilbro, G.L., Riddle, A.N., Trew, R.J. Excess noise in GaAs MESFET oscillators 1519
Bilbro, G.L. *see* Garnier, S.J. 7352
Bilbro, G.L. *see* Ybarra, G.A. 6102
Bilby, B.A. *see* Wang, Z.P. 627
Bilderback, D.H. *see* Thiel, D.J. 7310
Bilello, M. *see* Widrow, B. 29571
Bilello, M. *see* Widrow, B. 29690
Biles, J. Collimated fluorescent backlights for LCD direct viewing 6691
Bilger, H., Hartel, W., Ringeis, W. New light-water reactor concepts with passive safety equipment 47668
Bilgic, M.O. *see* Ehsani, M. 33888
Bilgutay, N.M. *see* Xin, J. 9821
Bilikha, J. *see* Kwankam, S.Y. 25064
Bilikha, J.B. *see* Ningo, N.N. 22748
Bilinskis, I., Lagunas, M.A. Randomizing of array element spacing and of processing array signals 21870
Bilitewski, U., Jager, A., Ruger, P., Weise, W. Enzyme electrodes for the determination of carbohydrates in food 6609
Bill, R., Lukaszek, L. Evaluation of low voltage electric machines slot insulation resistance to damp and damp salt environments 8304
Billard, B.D. *see* Barnett, J.T. 29833
Billard, T. *see* Warchter, D. 11231
Billardon, M. *see* Couprie, M.E. 7020
Billardon, M. *see* Couprie, M.E. 43983
Billardon, M. *see* Garzella, D. 43971
Billardon, M. *see* Hara, T. 43970
Billat, S. Process control: covering all of the bases [IC manufacture] 35053
Billatos, S.B., Grigely, L.J. Functional requirement mapping as a framework for concurrent engineering 17789
Billeneuve, B. *see* Tetu, M. 6033
Billerey, D. *see* Souilhac, D. 21068
Billet, D. *see* Benabes, P. 1276
Billet, D. *see* Stefanelli, B. 1078
Billey, S.C., Jockusch, W., Stanley, R.P. Some combinatorial properties of Schubert polynomials 9406
Billing, M. Introduction to beam diagnostics and instrumentation for circular accelerators 6968
Billinton, R., Aweya, J., Wacker, G. Value-based reliability evaluation of electric distribution systems 32412
Billinton, R., Gan, L. Monte Carlo simulation model for multiarea generation system reliability studies 7730
Billinton, R., Gan, L. Wind power modeling and application in generating adequacy assessment 32817
Billinton, R., Gbeddy, F. Effects of nonutility generators on composite system adequacy evaluation 24602
Billinton, R., Gupta, R., Chowdhury, N.A., Goel, L. Computer programs for reliability evaluation of distribution systems 7708
Billinton, R., Li, W. A system state transition sampling method for composite system reliability evaluation 24601
Billinton, R., Lian, G. Station reliability evaluation using a Monte Carlo approach 25604
Billinton, R., Lian, G. Consideration of dependent outages in security-constrained adequacy evaluation of composite systems 32173
Billinton, R., Lian, G. Effect of dependent outages on composite system reliability performance 32208

Billinton, R., Satish, J. Adequacy evaluation in generation, transmission and distribution systems of an electric power system 32207
Billinton, R. *see* Ghajar, R. 32296
Billinton, R. *see* Goel, L. 7707
Billinton, R. *see* Goel, L. 24606
Billinton, R. *see* Goel, L. 24731
Billinton, R. *see* Li, W. 24705
Billon, T., Ouisse, T., Lassagne, P., Jassaud, C., Ponthenier, J.L., Baud, L., Becourt, N., Morfouli, P. High temperature silicon carbide MOSFETs with very low drain leakage current 28156
Billonnet, L., Jarry, B., Guillon, P. New design techniques for high-order narrow-band microwave filters derived from low-frequency recursive concepts 10420
Billson, D.R., Hutchins, D.A. Laser-EMAT ultrasonic measurements of bonded metals 919
Billson, D.R., Hutchins, D.A. Development of novel piezoelectric ultrasonic transducers for couplant-free non-destructive testing 18372
Bilodeau, F., Hill, K.O., Malo, B., Johnson, D.C., Albert, J. High-return-loss narrowband all-fiber bandpass Bragg transmission filter 35550
Bilodeau, F., Malo, B., Johnson, D.C., Albert, J., Hill, K.O. Compact all-fiber narrowband transmission filter using Bragg gratings 35553
Bilodeau, F. *see* Albert, J. 44098
Bilodeau, F. *see* Malo, B. 2966
Bilodeau, F. *see* Malo, B. 43389
Bilodeau, H. *see* Benmouyal, G. 25011
Bilsen, F.A. *see* Soede, W. 24353
Bilsen, G., Engels, M., Lauwereins, R., Peperstraete, J.A. Development of a load balancing tool for the GRAPE rapid prototyping environment 18755
Bimberg, D. *see* Bohrer, J. 42522
Bimberg, D. *see* Grundmann, M. 41302
Bimberg, D. *see* Hieronymi, F. 20567
Bimberg, D. *see* Huhse, D. 28829
Bimberg, D. *see* Krost, A. 41292
Bimberg, D. *see* Schade, U. 38515
Bimberg, D. *see* Schell, M. 35798
Bimberg, D. *see* Schell, M. 43882
Bimberg, D. *see* Schell, M. 43901
Bimberg, D. *see* Schnabel, R.F. 26438
Bimberg, D. *see* Su, L.C. 41291
Bimbo, A.Del *see* Del Bimbo, A.
Bin, S. *see* Ang, G.C. 10568
Bin Cong, Salehnia, A., Sung Shin Designing and selecting computer interconnection network topologies for MIS applications 30452
Bin Fei *see* Fei Bin
Bin He *see* He Bin
Bin Hong-Zan *see* Zhang Fu-Run 31529
Bin Hu *see* Yinchun Hou 18128
Bin Im Ho *see* Ho Bin Im
Bin Li *see* Li Bin
Bin Luo *see* Luo Bin
Bin Ouyang *see* Ouyang Bin
Bin Qiu *see* Qiu Bin
Bin Wang *see* Wang Bin
Bin Wu *see* Junqi Lu 8451
Bin Xi *see* Xi Bin
Bin Xie, Danielsson, B., Winquist, F. Miniaturized thermal biosensors 6604
Bin Yang *see* Yang Bin
Bin Zhao *see* Zhao Bin
Bin Zhou *see* Limin Dai 25840
Bin Zhou *see* Yiyu Zhao 25838
Bin Zhou *see* Zhou Bin
Bin Zhu Wen *see* Wen Bin Zhu
Bin-chang Chieu *see* Red-Tom Lin 13720
Bin-Chang Chieu *see* Rong-Jian Chen 13817
Bin-Chang Chieu *see* Rong-Jian Chen 22192
Bin-Kwie Chen *see* Wen-Chen Chu 32294
Bin-ou Zhu, Ansari, N., Hou, E.S.H. An adaptive fusion model for distributed detection system 44926
Bin-Shing Chen, Mao-Chieh Chen Formation of n^+p shallow junction by As^+ implantation through $CoSi_2$ film 1886
Binari, S.C. *see* Marchywka, M. 34630
Bindal, V.N., Saksena, T.K., Jain, S.K., Gupta, R. Investigation of piezoelectric transducer performance at high electric drives 32136
Bindemann, R. *see* Vollmar, H.-P. 35563
Binder, A. Comparison of the electromagnetical performance of simplex wave and lap windings 32874
Binder, H. *see* Fischer, T. 26944
Binder, H. *see* Funhoff, D.J.H. 11050
Binder, M., Mammone, R.J., Rondeau, E., Lavene, B. Novel methods for increasing breakdown voltages in film capacitors 10535
Binder, M., Mammone, R.J., Thurston, E.P., Reddy, T.B. Gas plasma treatment of cathodes to improve Li/SO_2 cell performance 25629
Binder, R. *see* Knorr, A. 3584
Binder, R. *see* Lee, S.G. 28984
Binder, R. *see* Pereira, M.F., Jr. 21045
Bindloss, W. *see* Cheng, K.L.K. 18123
Bindra, K. *see* Davids, C.N. 24115
Bindschadler, R. *see* Fahnestock, M. 16013
Bindu, R. *see* Basha, A.M. 40100
Binet, A. *see* Guimbal, P. 43975
Binfield, P., Watson, J. Image quality factors affecting the reconstruction of laser transmission holograms: interim results 12473
Bing, K., Eigenmann, B., Scholtes, B., Macherauch, E. Brazing residual stresses in components of different metallic materials 26521
Bing Chen, Jinshong Xue, Junshan XU, Hongbing Yuan Initial application of CIM-OSA 14217
Bing Hu *see* Hu Bing
Bing Kang Sing *see* Sing Bing Kang
Bing Lu *see* Mingchang Wang 20921
Bing Qi *see* Qi Bing
Bing Tang *see* Hanyi Zhang 3717
Bing Xiong Yang, Hasegawa, H. Effects of phosphorus pressure on growth rate and layer quality of InP grown by gas source molecular beam epitaxy 41317
Bing Ye *see* Ye Bing
Bing Zhang Jing *see* Jing Bing Zhang
Bing Zhou *see* Zhou Bing
Bing-Jing Li *see* Pao-Lo Liu 36312
Bing-Le Wang *see* Wang Bing-Le
Bing-sheng He *see* He Bing-sheng
Bing-Zhong Wang, Qun Xiao Time-domain modeling of the impedance boundary condition for an oblique incident parallel-polarization plane wave 29119
Bing-Zong Li *see* Ping Liu 685
Bingcheng Li, Jun Shen Range-image-based calculation of three-dimensional convex object moments 22036
Bingcheng Li, Song De Ma A pyramid AR model to generate fractal Brownian random (FBR) field 30089
Bingchuan Yang *see* Xizhi Li 31240
Bingchun Xu *see* Xu Bingchun
Bingenheimer, W. *see* Sonderman, D.A. 40512
Bingfan Yang *see* Yang Bingfan
Bingfu Shen *see* Shen Bingfu
Binggeli, M., Kotrotsios, G., Christoph, R., Hintermann, H.E., Berghaus, Th., Guthner, P. Novel design for a compact fiber-optic scanning force microscope 6537
Binggeli, M. *see* Hanni, W. 9769
Bingham, C.R. *see* Davids, C.N. 24115
Binghseng Qiu *see* Qiu Binghseng
Bingjun Zhang, Mingchang Wang, Yanping Mang Super fine adjusting of resonant cavity length for free electron laser 28901
Bingkun Zhou *see* Bo Sun 3659
Bingkun Zhou *see* Hanyi Zhang 3717
Bingkun Zhou *see* Shouhua Huang 30782
Bingkun Zhou *see* Yanjie Chai 3718
Bingkun Zhou *see* Zhou Bingkun
Bingley, R.M. *see* Ashkenazi, V. 32102
Bingli Yu *see* Yu Bingli
Binglin Gu *see* Bisong Cao 36430
Bingnan Wang *see* Wang Bingnan
Bingyan Xu *see* Xu Bingyan
BingZhen Xu *see* Xu BingZhen
Bingzheng Xu *see* Xu Bingzheng
Bingzhong Guan *see* Roy, K. 41828
BingZong Li *see* Ping Liu 10978
Binh, L.N. *see* Ngo, N.Q. 35532
Binh Le Nguyen *see* Le Nguyen Binh
Binh Nguyen Ngon *see* Ngon Binh Nguyen
Binh Pham Hough transform using a morphological approach 13686
Binh Vu Thien *see* Vu Thien Binh
Binhkun Zhou *see* Zhou Binhkun
Bini, A. *see* Abrardo, A. 22798
Bini, C. *see* Antonelli, A. 24054
Bini, C. *see* Asmone, A. 31692
Bini, C. *see* Asmone, A. 31721
Bini, M. *see* Andreuccetti, D. 15906
Binkley, D.M. Optimization of scintillation-detector timing systems using Monte Carlo analysis 46994
Binkley, M. *see* Abbott, B. 7245
Binks, A. Rationalisation as a route to reliability 48441
Binks, D.J., Grimes, R.W. Incorporation of monovalent ions in ZnO and their influence on varistor degradation 10511
Binnie, C.D. *see* Guy, C.N. 31946
Binnie, T.D. Fast imaging microlenses 46499
Binns, K.J. *see* Bennett, N. 8839
Binns, P.J. *see* Hough, J.H. 46924
Binsma, J.J.M. *see* Kuindersma, P.I. 5984
Binsma, J.J.M. *see* Kuindersma, P.I. 38132
Binsma, J.J.M. *see* Staring, A.A.M. 43926
Binsma, J.J.M. *see* Thijs, P.J.A. 35870
Binsma, J.J.M. *see* Tiemeijer, L.F. 43935
Binsma, J.J.M. *see* van Helleputte, H.R.J.R. 35779
Binzhong Li *see* Jianguo Chen 35784
Biolo, R. *see* Cecchetti, W. 47123
Biondic, D. *see* Petricec, M. 25249
Biosca, C. *see* Masia, F. 31822
Biotteau, B. *see* Hamaide, J.-P. 20339
Biqing Li *see* Li Biqing
Biradar, L.S. *see* Reddy, V.U. 13220
Birand, M.Tuncay *see* Tuncay Birand, M.
Birbeck, J.C.H. *see* Jenkins, R.M. 28516
Birbir, F., Buyukaksoy, A. Plane wave diffraction by double impedance steps on a perfectly conducting ground plane 44285
Birbir, F. *see* Buyukaksoy, A. 21217
Birca-Galateanu, S. *see* Ivascu, A. 9948
Birch, A. Technical evaluation of rapid deployment and re-deployable intrusion detection systems (RDIDS/RIDS) 6497
Birch, D. The debate on the Digital Signature Algorithm 12917
Birch, G.E. *see* Mason, S.G. 45002
Birch, J. *see* Wahab, Q. 684
Birch, K.N. *see* Rieger, J.L. 23494
Birch, K.P., Downs, M.J. An updated Edlen equation for the refractive index of air 6289
Birch, K.P. *see* Allison, J.M. 47073
Birch, M.J. *see* Walker, A.C. 11904
Bird, A., Blaney, T., Burton, J. DataComms 2000: a strategic exploration of a transforming industry 5315
Bird, A.J., Carter, T., Dean, A.J., Ramsden, D., Swinyard, B.M. The optimisation of small CsI(Tl) gamma-ray detectors 7302
Bird, A.J. *see* He, Z. 7240
Bird, A.J. *see* He, Z. 7279
Bird, B.M. *see* Benzaid, O. 38513
Bird, B.M. *see* Benzaid, O. 40270
Bird, F. *see* Abbott, B. 31776
Bird, F. *see* Abe, K. 7260
Bird, F. *see* Abe, K. 15619
Bird, F. *see* Abe, K. 46930
Bird, G.R. *see* Whitlock, J.B. 8771
Bird, J.P., Ishibashi, K., Aoyagi, Y., Sugano, T. Experimental studies of electronic transport in semiconductor quantum dot structures 42504
Bird, J.P. *see* Ishibashi, K. 27534
Bird, J.S. *see* McMillan, J.C. 46141
Bird, N.C. *see* Van Berkel, C. 31299
Bird, S. *see* Abbott, B. 7245
Bird, S. *see* Howes, R. 43129
Bird, T.S., Bateman, D.G. Analysis of a parallel-plate waveguide-fed slot array including mutual coupling effects 12784
Bird, T.S. *see* Batechlor, R.A. 5733
Bird, T.S. *see* James, G.L. 4350
Bird, T.S. *see* Newell, P. 12767
Bird, T.S. *see* Newell, P. 44612
Bird, T.S. *see* Sprey, M.A. 29313
Birdsall, R. *see* Browne-Marke, D.D. 14062
Birecki, H. Read laser power effects in magneto-optic data recording 20417
Biri, J., Blasovszky, M., Gigler, J., Mohos, I., Somlai, K., Zarandi, Z., Bojowald, J., Dietrich, J., Hacker, U., Maier, R. Beam position monitor electronics at the cooler synchrotron COSY Julich 46996
Birinchi, M.V.S. *see* Murthy, L.S.N. 7927
Biringer, P.P. *see* Chen, Q. 41204
Biringer, P.P. *see* Chen, Q. 44248
Biringer, P.P. *see* Namjoshi, K.V. 44238
Biringer, P.P. *see* Namjoshi, K.V. 48477
Birk, Y. Power-efficient layout of a fiber-optic multistar that permits $\log_2 N$ concurrent baseband transmissions among N stations 6070
Birkeland, J. A low power GaAs MESFET monolithic downconverter for digital handheld telephone applications 1636
Birkett, C.L., Kienzle, M.G., Myers, G.A. Mechanisms underlying alterations in power spectra of heart rate variability associated with ectopy 24309
Birkhahn, R., Browning, N., Youngdahl, A., Lanagan, M., Poeppel, R. Interfacial resistance between ceramic superconductor and silver 11524
Birkin, P.R. *see* Bartlett, P.N. 31324
Birkinshaw, K., Langstaff, D.P. Silicon technology in ion detection — a high resolution detector array 47015
Birkinshaw, K. *see* Langstaff, D.P. 46942
Birkley, D. *see* Dotts, A. 23770
Birkmayer, W. *see* Wale, M.J. 29374
Birkmire, D.P., Karsh, R., Barnette, B.D., Pillalamarri, R. Target acquisition in cluttered environments 16107
Birks, M.J. *see* Fort, J.D. 25113
Birks, T.A. *see* Dong, L. 35407
Birks, T.A. *see* Li, Y.W. 43401
Birla, N. *see* Kamra, K. 11574
Birman, V. Theory of sandwich plates with piezoelectric reinforcements 28332
Birnbacher, D. *see* Kessling, G. 15222
Birnbaum, H.K. *see* Tsu, R. 18221
Birnbaum, I. *see* Smith, H.V., Jr. 38827
Birnbaum, M. *see* Chen, W. 20949
Birnbaum, M. *see* Stultz, R.D. 35975
Birnbreier, H. A new generation of sodium-sulphur batteries 40430
Birnbreier, H. *see* Hartkopf, T. 48334
Birnie, D.P., III, Melpolder, S.W., Fabes, B.D., Zelinski, B.J.J., Hanrahan, M.J. Laser processing of chemically derived dichroic filters 11815
Birnie, D.P., III *see* Lee, S.C. 43179
Biro, O., Magele, C., Richter, K.R., Vrisk, G. Solution of TEAM Workshop problem No. 13 [3D nonlinear magnetostatic problem] 3980
Biro, O., Richter, K.R. Solution of TEAM workshop problem No. 10 [3D nonlinear transient eddy current problem] 3991
Biron, B. *see* Benhamou, P. 37350
Birot, D. *see* Rocher, V. 38740
Birou, I. *see* Kelemen, A. 17519
Birtcher, C.R. *see* Liu, K. 29338
Birtcher, C.R. *see* Purchine, M.P. 4284
Birukov, I.N., Mirzojan, A.N., Ostroumov, P.N., Petronevich, S.A. Transverse beam parameter measurements at the INR proton linac 7104

Biryuk, N.D. The method of complex amplitudes and its generalization in a theory of electrical circuits 33849
Biryuk, N.D., Damgov, V.N. Analysis of nonlinear radio circuits by iterations on the basis of the method of complex amplitudes 9928
Biryukov, V.N. Semiconductor diode model for computer analysis 2410
Biryukov, V.N. *see* Banakova, I.V. 41606
Biscardi, R. *see* Murphy, J.B. 7125
Bisceglie, M.Di *see* Di Bisceglie, M.
Biscevic, G. *see* Baccarini, L. 14416
Bisch, M. *see* Sortais, P. 15591
Bischoff, C. *see* Machetanz, J. 24143
Bischoff, G.P. *see* Razdan, R. 18577
Bischoff, J.L. *see* Diani, M. 807
Bischoff, L., Hesse, E., Panknin, D., Skorupa, W., Teichert, J. Writing implantation with a high current density focused ion beam 27655
Bischoff, P.M. *see* Hollman, R.F. 2294
Bisdikian, C. *see* Spiegel, E.M. 37388
Bisdikian, C.C., Matragi, W., Sohraby, K. A study of the jitter in ATM multiplexers 45314
Bisdounis, L., Metafas, D.E., Maras, A.M., Mavridis, C. VLSI implementation of digit-serial arithmetic modules 18758
Bisello, D., Wyss, J., Zdarko, R. The dependence of pulse height on anode diameter and gas composition in limited streamer tubes 15653
Bisello, D. *see* Amidei, D. 46890
Bisello, D. *see* Bacchetta, N. 38865
Bisello, D. *see* Bacchetta, N. 46842
Bisello, D. *see* Tkaczyk, S. 46989
Biserni, M. *see* Frontera, F. 15669
Bisero, D. *see* Bruni, M. 42400
Bisewaski, B.J. *see* de Silva, J.R. 47473
Bisewski, B.J. *see* de Silva, J.R. 47467
Bisewski, B.J. *see* Gleadow, J.C. 47474
Bishoff, J.C. *see* Gisin, N. 2969
Bishop, B.A. *see* Kaushansky, M.M. 39806
Bishop, F.A. *see* Bettels, J. 4447
Bishop, J., Davies, A.E. The application of electric stress analysis and breakdown statistics to inspection criteria for submarine cable systems 5704
Bishop, J. *see* Abbott, B. 7245
Bishop, J.E.L., Pfutzner, H. Domain wall bowing and dynamic domain width in grain oriented SiFe 43265
Bishop, K.P. *see* Milner, L.M. 2291
Bishop, L., Levine, D. Computer-mediated communication as employee voice: the profit sharing plan 30359
Bishop, L. *see* Ravaioli, U. 11109
Bishop, M.T., Do, A.V., Mendis, S.R. Voltage flicker measurement and analysis system 47611
Bishop, P.G. *see* Read, R.J. 30566
Bishop, P.J. *see* Daniels, M.E. 19379
Bishop, S. *see* Stefanou, G.D. 26344
Bishop, S.R. *see* Littlehales, P.A. 38450
Bishop, T., Chawla, C., Szum, D., Poklacki, E. Aspects of thermo-oxidative and hydrolytic degradation in optical fiber cable matrix materials 2982
Bishop, T.E. *see* Chawla, C.P. 35372
Bishop, W.L. *see* Ali-Ahmad, W.Y. 4280
Bishop, W.L. *see* Kormanyos, B.K. 34278
Bishop, W.L. *see* Siegel, P.H. 34257
Bisi, O. *see* Pavesi, L. 28658
Bisi, O. *see* Pavesi, L. 35616
Bisiach, G. *see* Balbo, N. 16148
Bisliev, A.M., Gudaev, M.-A.A. Automatic pendulum magnetometer with capacitive displacement sensor 6379
Bismayer, U. *see* Verhey, J. 42721
Bisoffi, G. *see* Fortuna, G. 6906
Bisognano, J. *see* Liu, H. 31579
Bisognano, J.J. *see* Li, R. 23971
Bison, P.G., Bressan, C., Grinzato, E., Marinetti, S. Automatic air and surface temperature measure by IR thermography with perspective correction 6835
Bisong Cao, Aisheng He, Zhihui Liu, Qiuming Lin, Xiaohua Yu, Yuke Tian, Binglin Gu, Changsheng Shi, Ligang Yu High T_c superconducting superdirection antenna array 36430
Bispo, D. *see* Neto, L.M. 40206
Bispo, E. *see* Fitzgibbon, A.W. 45164
Bisseling, J.T., Lawnickzak, D. PSCS flexible service profile 37752
Bissessur, H., Gaborit, F., Martin, B., Pagnod-Rossiaux, P., Peyre, J.-L., Renaud, M. 16 channel phased array wavelength demultiplexer on InP with low polarisation sensitivity 38029
Bisseur, V. *see* Li, X. 34972
Bisson, F., Auclair, J.Y., Lao Martinez, H. New version of the DCN212: controlling service performance on digital leased lines 45463
Bisson, R.U. *see* Neville, K.J. 15943
Bissonnette, D. *see* Rochon, P. 20242
Bistak, P. *see* Huba, M. 40235
Bister, M. *see* Li, H. 24208
Bister, M. *see* Xin, Y. 24207
Biswal, M. *see* Gadepally, K. 34802
Biswal, M. *see* Ratnam, P. 11175
Biswas, B.B., Chandra, A.K., Govindarajan, G. Programmable digital comparator system for KAPP 8073
Biswas, B.B. *see* Jangra, L.R. 8116
Biswas, B.B. *see* Suresh Babu, R.M. 16535
Biswas, B.N., Lahiri, P., Mondal, D., Sinha, A.P. Direct optical control of IMPATT oscillators 19047
Biswas, D.C., Ambekar, V.S., Pant, L.M., Dinesh, B.V., Choudhury, R.K. A position sensitive ionisation chamber for measurement of fission fragments and medium mass heavy ions 38861
Biswas, D.J., Nilaya, P., Chatterjee, U.K. Four-branch oscillation from a dual-polarization cavity CO_2 laser 3707
Biswas, D.R., Burpee, C.D., Yuce, H.H. Strength and fatigue of optical fibers at different temperatures 2990
Biswas, K., Rai, S. Testable realizations of CMOS combinational circuits for voltage and current testing 41826
Biswas, K.K. *see* Bose, S.K. 13738
Biswas, K.K. *see* Sudhir, G. 13715
Biswas, N. *see* Abbott, B. 7245
Biswas, P.K., Chatterji, B.N. Surface description in range images—a parallel approach 45126
Biswas, S.K. Performance modeling of window based flow control in a multihop packet radio LAN 5544
Biswas, S.K., Porter, J.D., Hopper, A. Performance of a multiple access protocol for an ATM based pico-cellular radio LAN 37116
Biswas, S.K. *see* Chakraborty, C. 40155
Biswas, S.K. *see* Nag, B.R. 42192
Biswas, S.N. *see* Ghatak, K.P. 42592
Bitetto, A. The innovative process of electric vehicles 48298
Bitioukov, S. *see* Benvenuti, A. 7252
Bitler, B. *see* Chassaing, R. 1334
Bitmead, R.R. *see* Crisafulli, S. 4700
Bitmead, R.R. *see* Gray, D.A. 44887
Bitmead, R.R. *see* Kennedy, R.A. 29578
Bito, J. *see* Eross, G. 1364
Bitoulas, N. *see* Papadrakakis, M. 9485
Bittar, A. *see* White, M.G. 23615
Bittar, E., Lavallee, S., Szeliski, R. A method for registering overlapping range images of arbitrarily shaped surfaces for 3D object reconstruction 30048
Bittermann, V., Deker, G., Sassus, P., Mielnik, J.-C., Jud, J.-M. FINDER, a system providing complex decision support for commercial transport replanning operations 39262
Bittermann, V., Deker, G., Sassus, P., Mielnik, J.-C., Jud, J.-M. FINDER, a system providing complex decision support for commercial transport replanning operations 47179
Bittinger, W. Limitations of open strip lines for susceptibility testing of automotive electronics 48427
Bitton, D.Foster *see* Foster Bitton, D.
Bityurin, V.A. Current contraction on electrodes with a surface film deposition [in MHD generators] 25716
Bityurin, V.A., Bocharov, A.N., Lash, A.A., Yundev, D.N. Constricted discharge on a cathode [of MHD generators] 25712
Bityurin, V.A., Likhachev, A.P. Numerical study of the processes in the MHD generator with STCC non-uniformities. Quasi-two-dimensional approximation 25786
Bityurin, V.A., Likhachev, A.P., Merck, W.F.H. On a problem of efficiency of the MHD generator with space- and time-dependent current carrying nonuniformities 25772
Bityurin, V.A. *see* Alekseev, G.Yu. 25774
Bityurin, V.A. *see* Bocharov, A.N. 25717
Bityurin, V.A. *see* Pukhov, I.M. 25736
Bityurin, V.A. *see* Zatelepin, V.N. 25843
Bitzer, D.L. *see* Dholakia, A. 45284
Biur, A.P., Khan, R.U. Development and characterization of a high dielectric constant paste based on $BaTiO_3$ for use in thick-film capacitors 28302
Bivas, A. *see* Day, M.E. 10943
Biwen Xu, Noel, M. On the completeness of data sets with multielectrode systems for electrical resistivity survey 7592
Bixby, R.E. Progress in linear programming 41094
Bixio, A., Gagliardi, P., Maragliano, A., Marin, M., Moz, S., Terzi, F., Zoni, G. Manufacture at Ansaldo of 350 MHz superconducting cavities for LEP 15508
Biyani, C.V. *see* Shenoy, M.A. 10543
Bizard, G. *see* He Zhiyong 46884
Bizen, Y. *see* Yoshizawa, Y. 2785
Bizhou Lin *see* Lin Bizhou
Bizin, A.T. A method of synthesizing recursive digital filters 10289
Bizyayev, A.S. *see* Avrutskii, V.A. 9807
Bizyayev, A.S. *see* Avrutskii, V.A. 16458
Bizzak, D.J., Chyu, M.K. Rare-earth phosphor laser-induced fluorescence thermal imaging system 31315
Bizzan, S.S. *see* Jullien, G.A. 41854
Bjarklev, A. Optical fiber amplifiers: design and system applications 26013
Bjarklev, A., Rasmussen, T., Lumholt, O., Rottwitt, K., Helmer, M. Optimal design of single-cladded dispersion-compensating optical fibers 43447
Bjarklev, A. *see* Grunnet-Jepsen, A. 3505
Bjarklev, A. *see* Lester, C. 29023
Bjarklev, A. *see* Lester, C. 35412
Bjarklev, A. *see* Lumholt, O. 20667
Bjarklev, A. *see* Rasmussen, T. 11654
Bjarklev, A. *see* Rottwitt, K. 5886
Bjarklev, A. *see* Rottwitt, K. 45952
Bjarnason, E. Active noise cancellation using a modified form of the filtered-X LMS algorithm 21752
Bjarne, J. *see* Benvenuti, A. 7252
Bjellheim, P., Helgee, B. AC breakdown strength of aromatic polymers under partial discharge reducing conditions 43216
Bjerkan, L. *see* Royset, A. 30749
Bjerregard, K. *see* Nielsen, K.D. 38960
Bjerring, L.H. Flexible management of end-to-end services 37285
Bjerrum, N.J. *see* Knutz, B.C. 25636
Bjerrum, N.J. *see* Knutz, B.C. 25637
Bjones, R. *see* Geoffroy, M. 21583
Bjork, C., Soderstrom, M., Nilsson, K., Andersson, M., Karlsson, B.G. Integrated system for demand side management systems in the manufacturing industry 9030
Bjork, C. *see* Andersson, M. 25208
Bjork, D.R. *see* Rudberg, D.A. 6789
Bjork, G. *see* Goobar, E. 38009
Bjork, G. *see* Yamamoto, Y. 20852
Bjorkholm, J.E. *see* MacDowell, A.A. 27832
Bjorkholm, J.E. *see* Tichenor, D.A. 27831
Bjorklund, G.C. *see* Silence, S.M. 21070
Bjorklund, G.C. *see* Smith, B.A. 43542
Bjorklund, G.C. *see* Thackara, J.I. 43546
Bjorkman, C.H. *see* Emmerichs, U. 21015
Bjorkman, C.H. *see* Lucovsky, G. 27601
Bjorkman, C.H. *see* Yasuda, T. 34618
Bjorkman, L.E.M. Electrical drives in the chemistry industry 17640
Bjorkman, M., Gunningberg, P. Locking effects in multiprocessor implementations of protocols 30378
Bjorksten, U. *see* Lindquist, S.-E. 40465
Bjornard, T.A. *see* Krebs, W.-D. 39846
Bjorndahl, W.D., Lau, J.C. Current carrying capacity of dendrites 41029
Bjorneholm, O. *see* Larsson, C.U.S. 31806
Bjorneklett, A., Kristiansen, H. The effect of the volume fraction of silver on the thermal resistance of die attach adhesives 365
Bjorneklett, A., Kristiansen, H. The effect of the volume fraction of silver on the thermal resistance of die attach adhesives 34464
Bjorneklett, A., Tuhus, T., Kristiansen, H. A model for thermal fatigue of large area adhesive joints between materials with dissimilar thermal expansion 40976
Bjorneklett, A. *see* Kristiansen, H. 362
Bjorneklett, A. *see* Kristiansen, H. 40975
Bjorneklett, A. *see* Ohlckers, P. 11278
Bjorneklett, A. *see* Tuhus, T. 33399
Bjurstrom, S. The Swedish system for final disposal of radioactive waste 39864
Blaabjerg, F., Longchun, C., Pedersen, J.K. Harmonic analysis of two PWM waveforms in asynchronous modulation 8545
Blaabjerg, F., Pedersen, J.K., Jensen, J.W., Munk-Nielsen, S. A compact high performance 16-bit microprocessor controller AC-servodrive 8791
Blaabjerg, F., Pedersen, J.K., Ritchie, E., Nielsen, P. Determination of mechanical resonances in induction motors by random modulation and acoustic measurement 16854
Blaabjerg, F. *see* Alvsten, B. 6343
Blaabjerg, F. *see* Kragh, H. 8875
Blaabjerg, F. *see* Pedersen, J.K. 8581
Blaabjerg, F. *see* Pedersen, J.K. 16767
Blaabjerg, F. *see* Pedersen, J.K. 48311
Blaabjerg, S. Cell delay variation in a FIFO queue: a diffusion approach 45315
Blaauw, C. *see* Pakulski, G. 35820
Blaauw, D.T. *see* Jones, L.G. 28282
Blaauw, M. Statistical properties of a peak-search algorithm for γ-ray spectrometry as related to Currie's detection limits 7282
Blacha, N., Clewing, M., Maiberg, P. Interruption-free electricity supplies for critical consumers 17037
Blache, C., Paccad, D. Magnetic structure design method 4024
Blache, C., Paccard, D. Magnetic circuits classification 4023
Blachman, N.M. Optimum memoryless bandpass nonlinearities 21788
Black, A.N. *see* Williams, J.R. 4620
Black, B., Lopez, M., Morcos, A. Basics of voice coil actuators 8730
Black, J.F., Valentini, J.J., Day, T., Chang, M., Olson, R. Chemists and physicists turn to pulse-amplified diode lasers 20907
Black, J.L. *see* Fleming, I.R. 7510
Black, J.V. Comparison of the performance of vector quantiser training algorithms 12843
Black, P.W. Optoelectronics in submarine telecommunication systems 14669
Black, Q.R., Wood, J.F., Jr., Sonsteby, A.G., Sherrill, W.M. A direction finding ionosonde for ionospheric propagation research 7620
Black, Q.R. *see* Johnson, R.L. 44863
Black, R.C., Wellstood, F.C., Dantsker, E., Miklich, A.H., Kingston, J.J., Nemeth, D.T., Clarke, J. Eddy current microscopy using a 77-K superconducting sensor 23854

Black, R.I. *see* Hunt, K.J. 30947
Black, T.D. *see* Magnusson, R. 44164
Black, W. *see* Ditali, A. 43162
Black, W.M. *see* Godlove, T.F. 31785
Blackard, K.L., Rappaport, T.S., Bostian, C.W. Measurements and models of radio frequency impulsive noise for indoor wireless communications 4102
Blackburn, D.L. *see* Hefner, A.R. 34881
Blackburn, J.A., Gronbech-Jensen, N., Smith, H.J.T. Harmonic synchronization in resistively coupled Josephson junctions 43354
Blackburn, J.A. *see* Gronbech-Jensen, N. 20185
Blackburn, S., Murphy, S., Stern, J. Weaknesses of a public-key cryptosystem based on factorizations of finite groups 29482
Blackham, D., Pollard, R. Finite element analysis of open-ended coaxial lines 6758
Blackledge, J.M. B-scan imaging of two-phase flows 46676
Blackler, K., Edwards, A.W. The JET fast central acquisition and trigger system 46317
Blackman, S.S., Busch, M.T., Cantrell, S.W., Musial, C.J. Applications of signal and data processing technology to vehicular traffic monitoring 29852
Blackman, S.S., Dempster, R.J., Fagarasan, J.T. Continuous time representation of multiple hypothesis track data 29630
Blacknell, D. Comparison of parameter estimators for K-distribution 36887
Blacknell, D. New method for the simulation of correlated K-distributed clutter 38142
Blacknell, D., Oliver, C.J. Information content of coherent images 13486
Blacknell, D., Oliver, C.J. Comments on "Statistical and spatial properties of forest clutter measured with polarimetric synthetic aperture radar" 30880
Blacknell, D., White, R.G. A comparison of neural network and classical texture analysis 37046
Blacknell, D., White, R.G. Optimum classification of non-Gaussian processes using neural networks 38148
Blacksmith, R.F. *see* Fedynyshyn, T.H. 11046
Blacksmith, R.F. *see* Fedynyshyn, T.H. 27960
Blackwell, B.D. *see* Loewenhardt, P.K. 14997
Blackwell, J.D. *see* Bethea, G.C. 23727
Blackwell, M. *see* Reich, T. 7307
Blackwell, M. *see* Walczyk, F. 11330
Blackwell, R.J. *see* No, K.H. 20569
Blackwood, E.B., Carnes, W.E., Sturdivant, M.H. The safety envelope: managing the safety culture 39788
Blackwood, L.G. *see* Christensen, R. 23374
Bladel, J.G.Van *see* Van Bladel, J.G.
Bladel, J.Van *see* Van Bladel, J.
Bladel, M.van *see* van Bladel, M.
Blaes, B.R. *see* Buehler, M.G. 35072
Blaesner, W. Low cost Ethernet transceiver circuits for use with twisted pair connections 14104
Blagajac, S. *see* Skriec, D. 39563
Blaghinin, D.E. *see* Gadiyak, G.V. 19518
Blagoveshchenskaya, N.F. *see* Alebastrov, V.A. 39388
Blaha, F. *see* Rosendale, G. 26950
Blahnik, C., Luxat, J.C., Nijhawan, S., Thuralsingham, R. CANDU response to loss of all heat sinks 32608
Blahut, M., Opilski, A., Rogozinski, R. Investigation of usability of the selected types of glass in planar waveguide technology 3131
Blaikie, R.J., Nakazato, K., Oakeshott, R.B.S., Cleaver, J.R.A., Ahmed, H. Lateral resonant tunneling through constrictions in a δ-doped GaAs layer 19340
Blain, M.G. *see* Tipton, G.D. 42672
Blair, C. *see* Ratnam, P. 11175
Blair, C.R. *see* Kwietniak, K.T. 2310
Blair, C.R. *see* Rosenfield, M.G. 27934
Blair, D.G., Zadnik, M.G. A list of possible interstellar communication channel frequencies for SETI 14746
Blair, D.G. *see* Costa, M.E. 27243
Blair, D.G. *see* Ivanov, E.N. 4265
Blair, D.G. *see* Ivanov, E.N. 14921
Blair, D.G. *see* Luiten, A.N. 42185
Blair, D.G. *see* Mann, A.G. 18992
Blair, D.G. *see* Tobar, M.E. 42205
Blair, G., Coulson, G., Auzimour, P., Hazard, L., Horn, F., Stefani, J.B. An integrated platform and computational model for open distributed multimedia applications 13974
Blair, G.A. *see* Foster, B. 31714
Blair, G.S., Rodden, T. The challenges of CSCW for open distributed processing 37516
Blair, P. *see* Taghizadeh, M.R. 12479
Blair, P. *see* Turunen, J. 12460
Blair, P. *see* Walker, A.C. 11904
Blair, R., Hauck, J. Energy scaling of flashlamp-pumped titanium sapphire lasers 28756
Blair, R.E. *see* Auchincloss, P.S. 46953
Blair, S.L., Hutchins, J., Hill, R.H., Bickley, D.G. Solid-state photochemistry of platinum(II) methylazide complexes as thin films on Si (111) surfaces: photolithography of platinum films 42806
Blair, W.D., Watson, G.A., Hoffman, S.A. Second order interacting multiple model algorithm for tracking maneuvering targets 29637
Blair, W.D. *see* Watson, G.A. 23133
Blair, W.D. *see* Watson, G.A. 29633
Blair, W.D. *see* Watson, G.A. 30878
Blais, J.R. Remote control of sectionalizers at Hydro-Quebec 7882
Blais, R.A. *see* Miller, R. 169
Blaise, G. New approach to flashover in dielectrics based on a polarization energy relaxation mechanism 2699
Blaise, G. *see* Vallayer, B. 35121
Blaising, J.J. *see* Beingessner, S.P. 31761
Blaising, J.J. *see* Bertsch, Y. 31760
Blaisot, J.B. *see* Lebrun, D. 46623
Blajszczak, G. Energy conditioning converter 16150
Blajszczak, G. Fully controlled reactor for static VAr compensation 16244
Blajszczak, G., Boake, I., van Wyk, J.D. Economical comparison of high power static VAr compensators 16249
Blajszczak, G., Boake, I., van Wyk, J.D. Cost-effectiveness of hybrid and unified compensators of nonactive power in networks 39539
Blajszczak, G., Case, M.J., van der Merwe, W.J. Measurement of non-active power compensator effectiveness 16485
Blajszczak, G., van Wyk, J.D., Shaw, I. Smart non-active power compensator with neural network control—an evaluation 16245
Blake, A. *see* Lindsey, P. 45162
Blake, C. 20 volt Schottky diode: a new Schottky diode designed for 3 volt power supplies 26704
Blake, I.F. *see* Yaghoobian, T. 29443
Blake, J., Bergh, R. Modeling the Kerr effect in the fiber gyro as a reflection hologram 31258
Blake, J.B. *see* Spence, H.E. 39147
Blake, M. GAPP: a proposed solution to the parallel flow problem 32345
Blake, R. *see* O'Reilly, J.J. 38062
Blake, R.E. A lattice based treatment of graph matching 13763
Blake, R.E. Partitioning graph matching with constraints 45261
Blake, T.D. *see* Richardson, A.O. 1320
Blake-Coleman, B.C. *see* Hutchings, M.J. 38647
Blakeney, A. *see* Honda, K. 11064
Blakeney, A.J. *see* Nalamasu, O. 11060
Blakey, J.R. *see* Boek, W. 39428
Blakey, P. *see* Apanovich, Y. 19715
Blakey, P. *see* Apanovich, Y. 19719
Blakey, P. *see* Apanovich, Y. 19863
Blakey, P.A. *see* Krowne, C.M. 2428
Blakley, B., Blakley, G.R., Chan, A.H., Massey, J.L. Threshold schemes with disenrollment 21543
Blakley, G.R. *see* Blakley, B. 21543
Blakley, T.J. *see* Dominey, L.A. 48090
Blalock, B.J. *see* Allen, P.E. 18500
Blalock, T.V. *see* Alexeff, I. 11375
Blalock, T.V. *see* Dorris, D.L. 43152
Blamey, P.J., Dooley, G.J., Alcantara, J.I., Gerin, E.S., Seligman, P.M. Formant-based processing for hearing aids 31988
Blamey, P.J., Dooley, G.J., Seligman, P.M., Alcantara, J.I., Gerin, E.S. Formant-based processing for hearing aids 7484
Blamey, P.J., Tartter, V.C. Fricative perception by cochlear implant users 15918
Blamire, M.G. *see* Nevirkovets, I.P. 43356
Blamire, M.G. *see* van Vechten, D. 24131
Blamire, M.G. *see* Warburton, P.A. 20195
Blanc, H. Performance analysis and optimization with the power-series algorithm 5350
Blanc, J.P. *see* Dentan, M. 34183
Blanc, M.Le *see* Le Blanc, M.
Blanc, N., Gueret, P., Germann, R., Rothuizen, H. Vertical transport and tunneling through squeezable quantum dots 1910
Blanc, N. *see* Brugger, J. 27622
Blanc, S.P.Le *see* Le Blanc, S.P.
Blanchard, B. *see* Nguyen Hong Ky 19341
Blanchard, C. Telecommunications regulation in New Zealand: how effective is "light-handed" regulation? 45386
Blanchard, C. *see* Howe, H., Jr. 33121
Blanchard, H.E. *see* Angiolillo, J.S. 22471
Blanchard, J.A., Yuan, J.S. Effect of collector current exponential decay on power efficiency for class E tuned power amplifier 33921
Blanchard, N. *see* Le Texier, F. 2832
Blanchard, S.K. *see* Ebeling, J.A. 40003
Blanchard-Desce, M. *see* Messier, J. 12356
Blanche, F. *see* Coupat, J.M. 31108
Blanchet, G.B., Dessauer, R. Photopolymers in electrostatic imaging applications 3975
Blanchet, M., Boudy, J., Lockwood, P. Environment adaptation for speech recognition in noise 13124
Blanchet, V. *see* O'Neill, C. 21005
Blanchetiere, C. *see* Zhang, X.H. 3012
Blanchette, M. *see* Leung, H. 38157
Blanco, C. *see* Alonso, J.M. 17588
Blanco, F. New techniques to measure parasitic resistances in Schottky-gate FETs 28200
Blanco, J.Santos *see* Santos Blanco, J.
Blanco, M.A. *see* Stone, S.J. 32702
Blanco-Garcia, J. *see* Lopez, C. 6525
Blanconnier, P. *see* Scavennec, A. 6029
Bland, R.W. *see* Barber, W.C. 20196
Bland, S.W. *see* Wallis, R.H. 10510
Bland, V.V. NO_x control strategies for individual power boilers and for multiple unit systems 47726
Blanding, K. Concurrent engineering tools 9197
Blaner, B. *see* Vassiliadis, S. 18585
Blaney, T. *see* Bird, A. 5315
Blank, A., Feng, S. Suppression of intersubband nonradiative transitions by a magnetic field in quantum well laser devices 3582
Blank, D.H.A. *see* Terpstra, D. 2905
Blank, E. *see* Hirst, E. 7814
Blank, L.C. *see* Gu, X. 22990
Blank, R. *see* Kaden, C. 20808
Blank, R.de *see* de Blank, R.
Blanke, G. Simulation of GSM data channels in a safety critical railway environment 45841
Blankenhorn, J.C. High-speed design [PCB] 19207
Blankenhorn, J.C. Smaller, smaller, smaller, smaller: the impact of fine-pitch devices on PCB design 33357
Blankenship, G.L. *see* Dhingra, J.S. 5731
Blankers, P.F.C. B-ISDN signalling and intelligent networks: how two worlds can come together 14285
Blankespoor, S.C. *see* Hasegawa, B.H. 15761
Blanks, D. *see* Schiebel, R.A. 11133
Blanquart, L. *see* Dentan, M. 34183
Blanquet, E., Gokoglu, S.A. Tractable chemical models for CVD of silicon and carbon 9730
Blanyer, R. *see* Jay, B.E. 40443
Blanz, J., Klein, A., Nasshan, M., Steil, A. Cellular spectrum efficiency of a joint detection C/TDMA mobile radio system 45837
Blanz, J. *see* Jung, P. 14480
Blarre, L. *see* Zhang, C. 6568
Blasche, K., Franczak, B. The heavy ion synchrotron SIS 15353
Blaschke, F. *see* Shihe, Z. 16812
Blaschke, J. *see* Brunger, W.H. 27919
Blase, F. *see* Spath, B. 35350
Blaser, H. *see* Nunes, M.S. 14288
Blaser, M. *see* Karstensen, H. 38117
Blaser, R.J. Control circuit produces linear attenuator response 34194
Blasing, J. *see* Panckow, A.N. 27585
Blasing-Bangert, C. *see* Roth, K.-D. 31471
Blasing-Bangert, C. *see* Trube, J. 26940
Blasingame, M. *see* Khan, M.A. 15010
Blasius, P. *see* Klockhaus, H. 24959
Blasko, K. Operations process planning: a systems approach 14028
Blasovszky, M. *see* Biri, J. 46996
Blass, D. Display technology comparison 31352
Blasse, G. *see* Schipper, W.J. 3325
Blatov, I.V. *see* Asnis, L.N. 14718
Blatov, V.V., Pogorel'tsev, Yu.N. The spectral densities of multiposition frequency-shift-keyed signals 12827
Blatt, J.H., Cahall, S.C., Gilbert, B., Hooker, J.A., Wallace, G.L. Generation of surface shape from variable resolution video moire contours 6790
Blatt, J.H., Cahall, S.C., Hooker, J.A. Variable resolution video moire error map system for inspection of continuously manufactured objects 6424
Blatt, N., Rubinstein, J. The canonical coordinates method for pattern recognition. II. Isomorphisms with affine transformations 45094
Blattler, A., Schlauri, R., Schwager, P. Daisy, a system for the international information and telephone exchange 22725
Blau, K. *see* Laute, A. 45768
Blau, M. *see* Kottick, D. 16740
Blau, M. *see* Kottick, D. 24674
Blauch, A.J., Bodson, M., Chiasson, J. High-speed parameter estimation of stepper motors 40272
Blauel, J.G. *see* Nagel, G. 25176
Blauert, J. *see* Bappert, V. 36596
Blaum, H., Rentz, F., Wagenbach, W. Complete substations for high voltage and medium voltage using the modular construction system 25611
Blaum, M., Bruck, J., Khachatrian, L.H. Constructions of skew-tolerant and skew-detecting codes 36521
Blaum, M., Bruck, J., Tolhuizen, L. A note on "A systematic (12,8) code for correcting single errors and detecting adjacent errors" 36523
Blauner, P. *see* Hu, C.-K. 34822
Blauner, P. *see* Viswanathan, R. 26943
Blauner, P. *see* Viswanathan, R. 28274
Blauner, P.G., Dubner, A.D., Wagner, A. Process latitude study of focused ion beam deposited gold for clear X-ray mask repair 2315
Blauner, P.G., Mauer, J. X-ray mask repair 2302
Blauner, P.G. *see* Pomerene, A.T.S. 2307
Blazejewski, E.R. *see* Williams, G.M. 11844
Blazewicz, J., Brzezinski, J., Gambosi, G. Graph theoretical issues in computer networks 14105
Blazic, E. *see* Kudva, J.N. 38387
Blazicko, M. *see* Stankovic, D. 25381
Blazit, A. *see* Mourard, D. 46313
Blazquez, C.M., Tuma, E. Dynamics of Chua's circuit in a Banach space 1005
Bleakley, G. *see* Hunter, B. 32584
Blechschmidt, H.H., Klockhaus, H., Litters, L., Reus, H.D. Failure of LDPE-/XLPE-insulated

medium-voltage cables in the Federal Republic of Germany 24957
Bleeker, A.J. *see* Miller, P.D. 27911
Blefari-Melazzi, N. *see* Baiocchi, A. 45276
Bleicher, J. *see* Kroninger, W. 11797
Bleichner, H., Rosling, M., Bakowski, M., Vobecky, J., Nordlander, E. Measurements of failure phenomena in inductively loaded multi-cathode GTO thyristors 42900
Bleichner, H. *see* Vobecky, J. 34940
Bleier, Ya.F. *see* Degtyarev, N.P. 4526
Bleijs, C.A., Mazoyer, J.L. Preparing the infrastructure for the charging of tomorrow's electric cars 48285
Bleijs, J.A.M., Nightingale, C.J.E., Infield, D.G. Wear implications of intermittent diesel operation in wind/diesel systems 32809
Bleijs, J.A.M. *see* Ruddell, K. 25294
Bleise, Ch., Divisek, J., Steffen, B., Konig, U., Schultze, J.W. Model calculation of the planar SOFC by the finite volume element method 17315
Bleiss, R. *see* Mandelis, A. 3574
Bleiweiss, S. *see* Wupperman, B. 33937
Blejer, D.J., Wittmann, R.C., Yaghjian, A.D. On-axis fields from a circular uniform surface current 44201
Blendl, C. Film processing: acceptable tolerances and suitable test methods 24177
Blenk, O. *see* Dasbach, R. 20528
Blennemann, H.C., Pease, R.F.W. High aspect ratio lines as low distortion, high frequency off-chip interconnects 17894
Blennemann, K.P. *see* Koster, U. 27575
Bleser, E.J. *see* Huang, H. 7044
Bleses, J.P. *see* Guimbal, P. 43975
Blessing, G.V. *see* Hsu, N.N. 9813
Blessing, H. Airborne ultrasound imaging system using PVDF-membrane transducers 32039
Blessing, S. *see* Avery, R.E. 7257
Blessing, S. *see* Avery, R.E. 7258
Blessinger, K.V. *see* Martin, G.J. 6569
Bleszynski, E.H., Bleszynski, M.K., Jaroszewicz, T. Surface-integral equations for electromagnetic scattering from impenetrable and penetrable sheets 29165
Bleszynski, M.K. *see* Bleszynski, E.H. 29165
Bletchly, P. *see* Lane, P. 16648
Bleumer, G. Security for decentralized health information systems 37404
Blew, A. *see* Denenberg, D. 1984
Blew, A. *see* Denenberg, D. 1985
Blew, A. *see* Denenberg, D. 2454
Blew, A. *see* Denenberg, D. 6730
Blewer, R.S. *see* Cheek, R.W. 829
Blewer, R.S. *see* Cheek, R.W. 18255
Blewett, C.D. *see* Cunningham, J.P. 22445
Bley, D.C. *see* Kaplan, S. 33287
Bley, P., Einfeld, D., Menz, W., Schweickert, H. A dedicated synchrotron light source for micromechanics 15325
Blez, M., Mathoorasing, D., Kazmierski, C., Quillec, M., Gilleron, M., Landreau, J., Nakajima, H. Very low chirping of InGaAs-InGaAlAs MQW DFB BRS lasers under 10 Gbit/s modulation 12152
Blez, M. *see* Grabmaier, A. 37992
Blez, M. *see* Mathoorasing, D. 35781
Blez, M. *see* Mathoorasing, D. 46012
Blickley, G.J. Emissions regulations require new breed of analyzers 16018
Blickley, G.J. Sensor performance improved by electronics, materials 23521
Bliedtner, J. *see* Staupendahl, G. 11940
Bliedtner, J. *see* Staupendahl, G. 21132
Bliek, L. *see* Nachtwei, G. 19391
Blight, D.C., McLeod, R.D. An adaptive message passing environment for water scale systems 34102
Blik, H. *see* Vermeer, G.S. 30238
Blind, P. *see* Tirole, N. 29112
Blinov, Yu.A., Karpenko, A.I., Tuchkov, A.M. Measuring the control element worth of the control and safety rods of the BN-600 reactor by relative calibration 25182
Blinova, N.K. *see* Yatsuk, L.P. 12725
Bliss, D. *see* Zhang, X.-C. 28986
Bliss, D.F., Harris, M., Horrigan, J., Higgins, W.M., Armington, A.F., Adamski, J.A. Synthesis and growth processes for zinc germanium diphosphide 41234
Bliss, W.G., Sadkowski, R. In situ tuning monolithic continuous time leapfrog filters 18851
Bliss, W.G., Seaberg, C.E., Geiger, R.L. A very small sub-binary radix DAC for static pseudo-analog high-precision memory 10224
Bliss, W.G., Smith, S., Loh, K.-H. A switched-capacitor realization of discrete-time block filters 10272
Bliss, W.G. *see* Chang, K. 10323
Bliss, W.G. *see* Chang, K. 27064
Bliss, W.G. *see* Kim, J. 10324
Bliss, W.G. *see* Kim, J. 27081
Bliss, W.G. *see* Setty, P. 10353
Bliss, W.G. *see* Setty, P. 18829
Blissett, R. Improving the visual competence of machines 4878
Blissett, R.J., Stennett, C., Day, R.M. Digital CCTV processing in traffic management 31035
Bliven, L.F., Giovanangeli, J.-P., Wanninkhof, R.H., Chapron, B. A laboratory study of friction-velocity estimates from scatterometry: low and high regimes 7633
Bliven, L.F. *see* Branger, H. 36197
Blixt, P. *see* Galvanauskas, A. 3024
Blixt, P. *see* Nilsson, J. 43792
Bloch, D. *see* Adam, W. 46929
Bloch, F. *see* Demoulin, L. 25610
Bloch, H. *see* Madden, G. 14067
Bloch, J., Bockelmann, U., Laruelle, F. Polarization spectroscopy of modulated GaAs/GaAlAs quantum wells grown on vicinal surfaces: anisotropic islands or ordered growth? 42496
Blocher, S.A. *see* Kunz, K.S. 44353
Block, E. *see* Arend, M. 11577
Block, J.H. *see* Drachsel, W. 42379
Block, M. *see* Lips, K. 33067
Block, R.B. The Electric Power Research Institute's evolving technology transfer system between a diverse set of university and industrial R&D resources and a diverse group of end-users in a mature industry 175
Block, R.C. *see* Dussault, H. 34901
Block, R.C. *see* Petrosky, J.C. 35581
Block, T.R. *see* Meng, C.C. 1504
Block, W.R. *see* Chainey, W.E. 47416
Block, W.R. *see* D'Amour, P.R. 39485
Block, W.R. *see* Lindeberg, C.T. 7821
Blocker, C.A. Impact of timing jitter and pulse height variation on the SDC calorimeter energy resolution 24105
Blocki, J., Gadomski, S., Godlewski, J., Pakonski, K., Turala, H., Brenner, R. A silicon strip vertex detector for LHC 46892
Blockl, R. Power factor correction with new integrated circuit 32275
Blodget, H. *see* Maurer, H.E. 32066
Blodget, H.W. *see* Kusky, T.M. 47235
Bloem, D., Arzbaecher, R. Discrimination of atrial arrhythmias using autoregressive modelling 24284
Bloembergen, N. Laser-material interactions; fundamentals and applications 21144
Bloemen, A.H.A. Constructing discrete strategies for two-way channels 12869
Bloemer, M.J., Myneni, K. Electro-optic properties near the absorption edge of GaAs/AlGaAs multiple-quantum-well waveguides 11647
Bloemer, M.J. *see* Dowling, J.P. 35818
Bloemhof, E.E. Superconducting detectors for submillimeter-wave astronomy 23252
Bloemhof, E.E., Blundell, R., Miller, R.E. A 230 GHz SIS receiver for SEST 30942
Bloess, D. *see* Arnaud, C. 15506
Bloess, D. *see* Bernard, Ph. 15504
Bloethe, W.G. *see* Hart, M.S. 40590
Blok, B. *see* Bastiaansen, H.J.M. 35437
Blok, H. *see* Smit, M.K. 44526
Blok, H.P., Bauer, Th.S., van Dantzig, R., Gavin, E.J.O., Ireland, D.G., Hesselink, W.H.A., Hicks, R., de Jager, C.W., Jans, E., Ketel, T.J., Koch, J.H., Konijn, J., Lapikas, L., Levelt, J., Mulders, P.J.G., Nooren, G.J., Oberski, J., Papandreou, Z., van der Steenhoven, G., Steijger, J.J.M., Visschers, J.L., de Vries, H., de Witt Huberts, P.K.A. The Forward Angle SpecTrometer (FAST) 38935
Blok, K., Turkenburg, W.C. CO_2 emission reduction by means of industrial CHP in the Netherlands 47709
Blok, K.M.de *see* de Blok, K.M.
Blokesch, G., Negrazus, M., Wille, K. A slotted-pipe kicker for high-current storage rings 31577
Blokh, A.G. *see* Sergeyenko, N.M. 25753
Blokhin, I.K. *see* Shadrin, V.D. 23622
Blom, F.C., Oliver, J., Rullan, M., Ferrer, C. Testability enhancement using physical design rules in a CMOS cell library 19996
Blom, H.A.P. *see* van Doorn, B.A. 29634
Blom, P.W.M. *see* Haverkort, J.E.M. 35868
Blome, W. European motion control manufacturers back DRIVECOM with INTERBUS-S 40543
Blomfield, C.J. *see* Dharmadasa, I.M. 27586
Blomgren, J.C., Gazda, P.A., Hameetman, R.A., Skowzgird, R.J., Tokarski, T.A. Using advanced computer technology to consolidate project information 32604
Blommaert, F.J.J. *see* Hartmann, W.J.A.M. 15125
Blomme, K., Van Hese, J., Vandormael, L., Fache, N., De Zutter, D. Analysis of strip-slot coupled circuits in a multilayered medium using a new calculation technique for the Green's functions 27126
Blomme, K. *see* De Langhe, P. 23847
Blomme, K. *see* Olyslager, F. 12705
Blomquist, R.N. *see* Tentner, A.M. 25184
Blomqvist, I., Doornbos, J., Fournier, G., Nanda, S., Vernin, P. A pair of spectrometers for the 15-30 GeV European Electron Facility 38934
Blondeau, R. *see* Maricot, S. 5952
Blondel, J. *see* Karpov, A. 30939
Blondel, J.-P., Clesca, B. Relevant EDFA features for CATV applications 5885
Blondel, J.-P., Misk, F., Gabla, P.M. Theoretical evaluation and record experimental demonstration of budget improvement with remotely pumped erbium-doped fiber amplification 43793
Blondel, J.-P. *see* Gabla, P.M. 30840
Blonder, G.E. *see* MacDonald, W.M. 33362
Blondia, C. *see* Casals, C. 45344
Blondiaux, G. *see* Maddalon-Vinante, C. 19487
Blood, P. *see* Summers, H.D. 3649
Blood, P. *see* Summers, H.D. 35774
Blood, P. *see* Summers, H.D. 35862
Blood, W., Kellar, J. Multichip modules present new challenges to place and route CAD tools 26209
Blood, W. *see* Grula, J. 17907
Blood, W., Jr. *see* Flint, A. 9301
Bloom, A.R., Chodora, J.A., Zellers, J.R. A new generation of microwave sweepers 23760
Bloom, D.M. Voltage-contrast scanning probe microscopy 43042
Bloom, D.M. *see* Chow, D.H. 11124
Bloom, D.M. *see* Li, K.D. 23592
Bloom, D.M. *see* Van Der Weide, D.W. 44586
Bloom, E. *see* Fieguth, T. 15555
Bloom, J.A., Gallant, L. Modeling dispatch constraints in production cost simulations based on the equivalent load method 47421
Bloom, M. *see* Jastrzebski, A.K. 27268
Bloom, S. *see* Korevaar, E. 6046
Bloomfield, M.H. *see* Cross, B.A. 22491
Bloomfield, R. *see* Seitz, N.B. 37267
Bloomstein, T.M., Ehrlich, D.J. Laser-chemical 3-D micromachining 42740
Bloothooft, G. *see* Dix, P.J. 36605
Blore, R.W. *see* Cai, X.Y. 2635
Blosse, A. *see* Normandon, P. 19626
Blostein, S., Richardson, H. A sequential hypothesis testing approach to combined target detection and tracking 29849
Blostein, S.D., Richardson, H.S. A sequential detection approach to target tracking 36876
Blostein, S.D. *see* Zheng, H. 22187
Blough, D. *see* Guan, W.-J. 14244
Blough, D.M., Pelc, A. Optimal communication in networks with randomly distributed Byzantine faults 13847
Blount, P. *see* Wallis, R.H. 10510
Blow, K. *see* Lucek, J. 12406
Blower, R.W. *see* Bruggemann, G. 25499
Bloy, A.W., Roberts, D.G. Aerodynamic characteristics of the NAACA 63_2-215 aerofoil for use in wind turbines 8249
Blu, T. Iterated filter banks with rational rate changes connection with discrete wavelet transforms 44962
Blue, K.J., Cutler, R.T., O'Brien, D.P., Wagner, D.R., Zarlingo, B.R. Vector signal analyzers for difficult measurements on time-varying and complex modulated signals 23481
Blue, R., Mauchline, I.S., Stewart, G. Application of sol-gel films in optical wavelength filters 43485
Blue, T.E., Gupta, N., Woollard, J.E. A calculation of the energy dependence of the RBE of neutrons 31867
Bluem, H.P. *see* Johnson, R.P. 6912
Bluestein, J. Natural gas reburn for NO_x control in coal-fired boilers 32708
Blum, C. *see* Strack, R. 45621
Blumberg, L.M. Time-domain properties of instantaneous uniform quantization 36481
Blume, A., Kim, Y.-G., Sobel, J. Evolutionary stability in games of communication 483
Blume, D., Reyer, F., Speck, T. Integrated system for recording and assessing disturbances in the industrial network 17620
Blume, S., Klinkenbusch, L. Diffraction by a finite elliptic cone 4075
Blumel, R. Low PWM inverter losses and low current distortion—two conflicting claims settled by Bellman's dynamic programming 8430
Blumel, R., Blumel, R. Computer aided pulse pattern synthesis for VSI-based machine drives 40534
Blumel, R., Schurack, E., Schurig, J. PC 486 based fuzzy logic controller for VSI-fed machine drives 40386
Blumel, R. *see* Blumel, R. 40534
Blumenstock, K., Theisen, J., Pan, P., Dulak, J., Ticknor, A., Sandwick, T. Shallow trench isolation for ultra-large-scale integrated devices 42666
Blumenthal, D.J., Sauer, J.R. Multiwavelength logic gates with high computational efficiency 11785
Blumenthal, R. *see* Olowolafe, J.O. 34820
Blumenthal, R. *see* White, T.R. 19664
Blumer, T. *see* Sidhu, D. 22350
Blumina, M., Lelong, I.O., Sarfaty, R., Fekete, D. Pseudomorphic high electron mobility heterostructures with extremely high conductivity using Te as n-type dopant by low-pressure metal organic chemical vapor deposition 19539
Blundell, B. Increasing efficiency [meter reading, client-server network] 47590
Blundell, B.G., Schwarz, A.J., Horrell, D.K. Volumetric three-dimensional display systems: their past, present and future 15154
Blundell, B.G., Schwarz, A.J., Horrell, D.K. Cathode ray sphere: a prototype system to display volumetric three-dimensional images 46547
Blundell, B.G. *see* Schwarz, A.J. 15153
Blundell, G.R. CICS and TCP/IP 37123
Blundell, R. *see* Bloemhof, E.E. 30942

Blundo, C., De Santis, A., Gargano, L., Vaccaro, U. On the information rate of secret sharing schemes 21532
Blundo, C., De Santis, A., Herzberg, A., Kutten, S., Vaccaro, U., Yung, M. Perfectly-secure key distribution for dynamic conferences 21539
Blunt, R.T. *see* Wallis, R.H. 10510
Blust, M. *see* Hebert, T. 15720
Bluvband, Z., Barel, A. Testability analysis module of FMECA processor 31106
Bluzer, N., Forrester, M.G. Superconducting quantum detectors 31218
Bly, V.T., Cox, J.T. Infrared absorber for ferroelectric detectors 38494
Blyler, L.L. *see* Chandan, H.C. 5914
Blythe, G.M. *see* Delleney, R.D. 8177
Bo, Z. *see* Johns, A.T. 8026
Bo, Z.Q. *see* Aggarwal, R.K. 39656
Bo, Z.Q. *see* Johns, A.T. 39655
Bo Li *see* Li Bo
Bo Liang *see* Liang Bo
Bo Liu *see* Liu Bo
Bo Lu, Ping Zhou, Yin-Chen Lu, Cheng, J., Leibenguth, R.E., Adams, A.C., Zilko, J.L., Zolper, J.C., Lear, K.L., Chalmers, S.A., Vawter, G.A. Reconfigurable binary optical routing switches with fan-out based on the integration of GaAs/AlGaAs surface-emitting lasers and heterojunction phototransistors 45734
Bo Meng *see* Meng Bo
Bo Na Lee *see* Moon Key Lee 14998
Bo Rasmussen, K. *see* Rasmussen, S. 46263
Bo Ren *see* Ren Bo
Bo Su, Goldman, V.J., Cunningham, J.E. Evidence for spin singlet-triplet transitions of two electrons in a quantum dot observed via single-electron tunneling 42535
Bo Su Chen *see* Kukhtarev, N. 21111
Bo Su Chen *see* Kukhtarev, N. 29780
Bo Sun, Hanyi Zhang, Shizhong Xie, Yanjie Chai, Bingkun Zhou Multi-channel laser frequency stabilization in optical frequency division multiplexing system [for B-ISDN] 3659
Bo Sun *see* Hanyi Zhang 3717
Bo Sun *see* Yanjie Chai 3718
Bo Sun *see* Sun Bo
Bo Woo Kim *see* Kwang Ho Kwon 2105
Bo Wu *see* Chupp, T.E. 43703
Bo Wu *see* Wu Bo
Bo Zhang Convergence of the Godunov scheme for a simplified one-dimensional hydrodynamic model for semiconductor devices 11112
Bo Zhou *see* Zhou Bo
Bo-Ping Hu *see* Kai-Ying Wang 2797
Boag, A., Leviatan, Y., Boag, A. On the use of SVD-improved point matching in the current-model method [EM scattering] 4046
Boag, A., Leviatan, Y., Boag, A. Analysis of scattering from cylinders with a periodically corrugated periphery using a current-model technique 29147
Boag, A., Leviatan, Y., Boag, A. Analysis and optimization of waveguide multiapplicator hyperthermia systems 31971
Boag, A. *see* Boag, A. 4046
Boag, A. *see* Boag, A. 29147
Boag, A. *see* Boag, A. 31971
Boag, A. *see* Pomeraniec, B. 12566
Boake, I. *see* Blajszczak, G. 16249
Boake, I. *see* Blajszczak, G. 39539
Board, J.A. The European utility requirements for the next generation of nuclear plant 16520
Board, K., Hu, Z.-R. New latch-up-free IGBT with low on-resistance 2519
Board, K. *see* Mawby, P.A. 2498
Boardman, A.D., Nikitov, S.A., Wang, Q. Theory of bistable magnetostatic surface waves 43262
Boardman, A.D., Wang, Q., Nikitov, S.A., Shen, J., Chen, W., Mills, D., Bao, J.S. Nonlinear magnetostatic surface waves in ferromagnetic films 43263
Boardman, A.D., Xie, K. Theory of spatial solitons 3118
Boardman, A.D., Xie, K. Spatial soliton dynamics in coupled waveguides 4239
Boardman, A.D. *see* Hodgson, E.M. 20297
Boardman, J. *see* Stefanakos, E. 48289
Boardman, J.T. A process model for unifying systems engineering and project management 26133
Boardman, R., White, A., Wusterbarth, M. Seoinchon comes on line in record time 16695
Boardman, W. *see* Jain, V. 18652
Boarino, L. *see* Manfredotti, C. 9785
Boashash, B. Recent advances in non-stationary signal analysis: time-varying higher order spectra and multilinear time-frequency signal analysis 36721
Boashash, B., O'Shea, P. Polynomial Wigner-Ville distributions and their relationship to time-varying higher order spectra 36768
Boashash, B., Ristich, B. The Wigner-Ville trispectrum: definition and application 4731
Boashash, B., Ristich, B. Polynomial Wigner-Ville distributions and time-varying higher-order spectra 13305
Boashash, B., Ristic, B. Generalized Wigner-Ville distributions: examples and properties 13422
Boashash, B., Ristich, B. Application of cumulant TVHOS to the analysis of composite FM signals in multiplicative and additive noise 36729
Boashash, B. *see* Frazer, G. 4742
Boashash, B. *see* Jones, G. 13313
Boatto, C., Gelli, G.B., Seripa, F., Mazzoleni, B., Sfondrini, L., Marchi, M. ENEL standardization of SF_6 insulated metal enclosed switchgears for HV/MV substations 25578
Boavida, F. *see* Monteiro, E. 14146
Boavida, F. *see* Monteiro, E. 45618
Bobb, L.C. *see* Brophy, T.J. 3055
Bobbio, A. *see* Dufour, A. 48395
Bobe, B. *see* Uhn-Oh Lee 9171
Bobet, P. *see* Crowley, J.L. 36918
Bobin, C. *see* de Marcillac, P. 24058
Bobin, V., Whitaker, S.R., Maki, G.K. N-modular redundancy using the theory of error correcting codes 12911
Bobko, V.D., Golovin, V.F., Zolotukhin, Yu.N. High-performance commutation switch for integral digital network 14354
Bobos, M. *see* Racoveanu, C.E. 16544
Bobrenko, V.M. *see* Anisimov, V.A. 18353
Bobroff, N. Recent advances in displacement measuring interferometry 6797
Bobrov, A.V., Evstropov, V.V., Zhilyaev, Yu.V., Mynbaeva, M.G., Nazarov, N. Au-*n*-GaP surface-barrier structures on Si substrates: their fabrication and electrical properties 19367
Bobrov, B.D., Dmitriev, E.I., Snezhkov, G.Yu. Topological phase defects in radiation of technological CO_2 lasers with stable and unstable resonators 3433
Bobrov, V.B. The reflection coefficient of an isotropic gyrotropic medium 44373
Bobrovikov, A.A., Khromova, G.G. Automatic monitoring of a linear-accelerator systems 31545
Bobrysheva, A.I., Dobinda, I.I., Moskalenko, S.A., Pavlenko, V.I., Perov, P.I., Razdobreev, I.M., Russu, S.S., Shekun, Iu.G. Optical switching due to band-gap renormalization in MQW $GaAs/Al_xGa_{1-x}As$ at high excitation levels 3794
Boca, J. *see* Reynaud, F. 11589
Bocarsly, A.B. *see* Kelly, M.T. 42705
Boccaletti, S. *see* Arecchi, F.T. 43723
Boccara, A.C. *see* Jin, G. 1967
Boccara, A.C. *see* Mansanares, A.M. 12148
Boccara, A.C. *see* Mansanares, A.M. 20812
Boccenti, M. *see* Amato, G. 48231
Bocchetta, C. *see* Denard, J.-C. 7098
Bocchetta, C.J., Bulfone, D., Denard, J.-C., Plesko, M. The diagnostic line for the acceptance tests of the ELETTRA 100 MeV pre-injector 7100
Bocchetta, C.J., Tosi, L., Walker, R.P., Wrulich, A. Studies of the effects of an elliptical wiggler in ELETTRA 7031
Bocchetti, G., Bordignon, P., Perna, M., Venanzio, P. 3 MW converter for high power universal locomotive based on a deionized water cooled GTO module: improvements and type tests 8924
Bocchetti, G., Carpita, M., Giannini, G., Tenconi, S. Line filter for high power inverter locomotive using active circuit for harmonic reduction 17529
Bocchi, C., Ferrari, C., Franzosi, P., Bosacchi, A., Franchi, S. AlAs lattice parameter measurement by high resolution X-ray diffraction 694
Bocchi, C., Franzosi, P., Lazzarini, L., Salviati, G., Gastaldi, L., Palumbo, R. X-ray diffraction and electron microscopy characterization of H-implanted InP single crystals 2028
Bocchieri, E. *see* Levin, E. 21670
Bocciolini, M., Celletti, F., Grandi, M., Perego, A., Spillantini, P., Basini, G., Bongiorno, F., Massimo Brancaccio, F., Mazzenga, G., Ricci, M., Brunetti, M.T., Codino, A., Grimani, C., Menichelli, M., Miozza, M., Bidoli, V., Candusso, M., Casolino, M., De Pascale, M.P., Morselli, A., Picozza, M., Salvatori, I., Bronzini, F., Aversa, F., Colavita, A., Barbiellini, G., Battaiotto, P., Boezio, M., Cantatore, G., Fratnik, F., Schiavon, P., Vacchi, A., Zampa, N. Silicon imaging calorimeter for cosmic antimatter search 24082
Boccippio, D. *see* Wurman, J. 47265
Bocelli, G. *see* Vazquez, M. 43283
Boch, E., Stapleton, M. Direction-finding performance of a Ka-band ESM receiver 38191
Bochanky, L., Siegmund, D. The improvement problem with examples from the distribution network level 7909
Bocharov, A.N., Bityurin, V.A. On Hall breakdown in MHD-generator channel 25717
Bocharov, A.N. *see* Bityurin, V.A. 25712
Bocharov, V.E., Galagan, V.G. Principles of creating a signal processing language 21861
Bocharov, Yu.N., Krivosheev, S.I., Lapin, N.G., Shneerson, G.A. A low-inductance pulsed current generator with a volume bus 8522
Bocharova, E.A. *see* Alekseev, G.Yu. 25774
Bocher, J.L. *see* Mens, A. 6596
Bochicchio, M. *see* Cicinelli, E. 47094
Bochkarev, A. *see* Reed, J. 33727
Bochkarev, G.G. *see* Buznikov, A.E. 25727
Bochkarev, O.V. *see* Avdeev, S.P. 7198
Bochkarev, O.V. *see* Avdeyev, S.P. 7149
Bochkariova, L.V. *see* Khlyap, G.M. 10720
Bochkov, A., Kryzhanovsky, V., Lyubimov, O., Magda, E., Mukhin, S. Nuclear reactor-pumped laser atomic xenon operated at 2.48 μm 20642
Bochkova, T.M. *see* Kovalenko, A.V. 15645
Bochmann, G.v. Specification languages for communication protocols 5244
Bochmann, G.v. *see* Gang Luo 30230
Bochmann, G.V. *see* Gang Luo 30504
Bochmann, G.V. *see* Mahamat, G. 14037
Bochmann, G.v. *see* Petrenko, A. 30231
Bochmann, G.V. *see* Yao, M. 13890
Bochove, A.K.van *see* van Bochove, A.K.
Bochud, F. *see* Verdun, F.R. 24176
Bochvar, A.A. *see* Eremin, A.G. 24438
Bock, A., Fretwurst, J.C., Merkt, U. Raman spectra and laser heating of $YBa_2Cu_3O_7$ microbridges 20212
Bock, B.D., Simon, D.M. Correlator hardware simulation of an optical system using two-dimensional spatial light modulators 30113
Bock, C. The TINA project 37280
Bock, H. *see* Ashoub, N. 33799
Bock, H. *see* Kirchsteiger, C. 25161
Bock, K., Hartnagel, H.-L. Field-emitter-based ESD-protection circuits/for high-frequency devices and IC's 27316
Bock, K., Hartnagel, H.L. Proposal for the concept of ultradense integrated memories based on Coulomb blockade at room temperature 19290
Bock, K., Hartnagel, H.L. ESD and transient protection of microwave semiconductor devices and integrated circuits based on field emitter structures 42239
Bock, R., Lubelsmeyer, K., Pandoulas, D., Schultz von Dratzig, A., Siedling, R. Wire fixation for proportional and drift chambers using a Cu-Te alloy 7228
Bock, R. *see* Bachler, J. 46915
Bock, R. *see* Bachler, J. 46934
Bock, R. *see* Baechler, J. 46909
Bock, R. *see* Borer, K. 7221
Bock, W.J., Eftimov, T.A. Polarimetric and intermodal interference sensitivity to hydrostatic pressure, temperature, and strain of highly birefringent optical fibers 20308
Bock, W.J., Urbanczyk, W. Measurement of polarization mode dispersion and modal birefringence in highly birefringent fibers by means of electronically scanned shearing-type interferometry 11600
Bock, W.J. *see* Eftimov, T.A. 43407
Bock, W.J. *see* Eftimov, T.A. 46470
Bock, W.J. *see* Urbanczyk, W. 6556
Bock, W.J. *see* Urbanczyk, W. 38533
Bock Cho Sang *see* Sang Bock Cho
Bockelmann, U. *see* Bloch, J. 42496
Bockenhoff, E. *see* Bouregba, R. 34258
Bocker, J., Janning, J., Anbuhl, K. Realization of a high-dynamic discrete-time controller for PWM inverter-fed induction motor drives 17429
Bocker, M. *see* Muhbach, L. 30544
Bocker, R.P., Frieden, B.R. Solution of the Maxwell field equations in vacuum for arbitrary charge and current distributions using the methods of matrix algebra 21158
Bockers, K. *see* Enning, B. 14621
Bockmann, T. *see* Balewski, K. 46775
Bockstal, L.Van *see* Van Bockstal, L.
Bocquet, B., Ait-Abdelmalek, R., Leroy, Y. Deconvolution and Weiner filtering of short-range radiometric images 5007
Bocquet, B., DeHour, P., Mamouni, A., Van De Velde, J.C., Leroy, Y. Near field microwave radiometric weighting functions for multilayered materials 6755
Bocquet, B., Van de Velde, J.C., Mamouni, A., LeRoy, Y. An example of thermometry in volume by microwave radiometry 31864
Boczar, B.P., Scharpf, W.J. Injection-seeded optical parametric oscillator operating in the region of 486.1 nm 44064
Boczar, B.P. *see* Scharpf, W.J. 29005
Boczar, B.P. *see* Scharpf, W.J., Jr. 3877
Bodden, M. Binaural hearing and advanced hearing-aid technology 24344
Bode, F. An introduction and update to an open standard for instrument control: SCPI standard commands for programmable instruments 31114
Bode, F.-W., Fruchting, H., Kattenbach, R. Bit error measurements on a 5.8 GHz mobile radio channel for short range traffic management systems 37819
Bode, M. *see* Rockett, A. 40470
Bode, M. *see* Ruwisch, D. 10379
Bodek, A. *see* Auchincloss, P.S. 46953
Bodek, A. *see* Kinnel, T.S. 38880
Boden, A., Fortney, L., Golovatyuk, V., Kowald, W., Lys, J., McManus, A., Murphy, C.T., Selove, W., Smith, R.P. Characteristics of the radiation damage seen in the silicon microstrip detector of Fermilab experiment E771 38859
Bodensteiner, W. *see* Priest, J.W. 33313
Bodet, J.M. *see* Staniewicz, R.J. 17246
Bodewes, H., Lugten, M.C. A cogeneration unit at the Shell refinery in Fredericia 40672
Bodi, A.C. Thermal scanning AC susceptometry method for high-T_c superconductor studies 2879
Bodi, D.O. *see* Labat, N. 19887

Bodin, C. *see* Legras, R. 43876
Bodine, F. *see* Ravaioli, U. 11109
Bodlaender, H.L. A tourist guide through treewidth 41083
Bodner, D.A. *see* Narayanan, S. 17820
Bodrov, V.V., Vol'skiy, V.A. Mathematical model of inclined slot in rectangular waveguide 44500
Bodson, M., Chiasson, J.N., Novotnak, R.T., Rekowski, R.B. High performance nonlinear feedback control of a permanent magnet stepper motor 25475
Bodson, M. *see* Blauch, A.J. 40272
Bodson, M. *see* Chiasson, J. 32875
Bodtker, E. *see* Christensen, B. 30835
Bodtker, E. *see* Christensen, B. 38081
Bodycomb, J.V. Service Net-2000: framework for tomorrow, delivering today 5344
Bodzenta, J., Pustedna, B., Kleszczewski, Z. Photoacoustic imaging of semiconductor structures 18358
Bodzyak, K. Zonal power control in induction heating installations 8991
Boe, L.-J. *see* Bailly, G. 13098
Boe, O. A monotone Petrov-Galerkin method for quasilinear parabolic differential equations 603
Boebel, F.G., Moller, H. Simultaneous in-situ measurement of film thickness and temperature by using multiple wavelength pyrometric interferometry (MWPI) 6842
Boechat, A.A.P. *see* Su, D. 43429
Boeck, B.A. *see* Fry, H.W. 43109
Boeck, B.A. *see* West, J.P. 19665
Boeck, W.De *see* De Boeck, W.
Boeddicker, D. *see* Pruschek, R. 40007
Boege, P. *see* Xu Shanjia 4224
Boegli, V. *see* Ferrera, J. 27909
Boegli, V. *see* Rishton, S.A. 27550
Boegli, V. *see* Unger, P. 35778
Boehly, T.R. *see* Soures, J.M. 3410
Boehm, J., Gerber, R., Kiley, N.R.C. Sensors for magnetic bearings 48365
Boehm, J. *see* Krist, P. 43338
Boehme, D. *see* Friedmann, T.A. 9681
Boehme, M.H. *see* Romenesko, B.M. 19259
Boehnlein, A. *see* Harding, K. 6563
Boek, W., Chivers, R.C., Blakey, J.R. An improved method for the simultaneous measurement of the acoustic properties and the thickness of materials 39428
Boekaerts, P. *see* Xin, Y. 24207
Boender, W. *see* Verweij, K. 40012
Boenick, U. *see* Kitzenmaier, P. 15846
Boer, B.den *see* den Boer, B.
Boer, C.R.de *see* de Boer, C.R.
Boer, H.de *see* de Boer, H.
Boer, J.F.G.de *see* de Boer, J.F.G.
Boer, M.P.de *see* de Boer, M.P.
Boer Rookhuizen, H. *see* Kaan, A.P. 6928
Boer Rookhuizen, H. *see* van der Linden, A. 15567
Boerner, W.-M. *see* Park, T.J. 12581
Boerner, W.-M. *see* Yamaguchi, Y. 6754
Boerner, W.-M. *see* Yamaguchi, Y. 38164
Boersma, F.H. Building Telecom production software in the Netherlands: or chassis construction for a full sized car 5286
Boes, P., Latoszynski, P., Rachcoff, J., Styzinski, M. Development of co-extruded polyethylene/polyamide 12 insect resistant telecommunications cable 5689
Boes, P. *see* Hsieh, R.-C. 6001
Boesch, H.E., Jr., Taylor, T.L., Krull, W.A. Charge trapping and transport properties of SIMOX buried oxides with a supplemental oxygen implant 34688
Boesch, H.E., Jr. *see* Pennise, C.A. 34634
Boese, K.D., Kahng, A.B. Zero-skew clock routing trees with minimum wirelength 18557
Boese, K.D., Kahng, A.B., McCoy, B.A., Robins, G. Toward optimal routing trees 19936
Boesel, R.W., Bresler, Y. Bayes-optimal visualization of vector fields 36811
Boettcher, D. State-of-the-art at Sizewell B 47680
Boettcher, D.B. Man-machine: how Sizewell B matches up to EPRI requirements 16524
Boettcher, D.B., Hickling, E.M. Man and machine will work in harmony in the main control room at Sizewell B 8051
Boetti, A. *see* Yamada, T. 42312
Boettiger, U., Fischer, T., Grassmann, A., Moritz, H., Reuhman-Huisken, M. Resist thickness influence on depth of focus—a key question for advanced I-line and DUV lithography 28016
Boettiger, U. *see* Fischer, T. 26944
Boettiger, U. *see* Wittekoek, S. 2350
Boetz, D. *see* Mawst, L.J. 12182
Boev, S.G., Kuz'min, A.N., Lopatkin, S.A., Paderin, V.A. Acoustic pressure measurement of bulk-charge distribution and polarization in solid dielectrics 38665
Boezio, M. *see* Bocciolini, M. 24082
Bofang Zhao *see* Zhongyang Xu 25705
Boffa, V. *see* Matarazzo, S. 43346
Boffey, B. The all-to-all alternative route problem 26299
Boffo, W., Jkoglin, H., Wellssow, W.H. Reliability calculations with data from the VDEW disturbance statistics 47448
Bog Lee Ki *see* Ki Bog Lee
Bogachev, V.A. *see* Malkovsky, V.I. 25083
Bogacz, S.A. Inverse FEL proton accelerator via periodically modulated crystal structure 6888
Bogaert, J.Van *see* Van Bogaert, J.
Bogaerts, A. *see* Muller, H. 46319
Bogaerts, D. *see* Bertha, F. 2434
Bogaerts, D. *see* Wyns, A. 17052
Bogalecka, E. Power control of a double fed induction generator without speed or position sensor 16838
Bogalecka, E. Dynamics of the power control of a double fed induction generator connected to the soft power grid 16877
Bogalecka, E., Krzeminski, Z. Control systems of doubly-fed induction machine supplied by current controlled voltage source inverter 8407
Bogan, L.E., Jr. Understanding the novolak synthesis reaction 11015
Bogason, G. Generation of a neuron transfer function and its derivatives 1372
Bogatin, A.S., Raevsky, I.P., Malitskaya, M.A., Bogatina, V.N. New applications of posistors 27321
Bogatin, E. Why multichip modules: the performance issues 26195
Bogatina, V.N. *see* Bogatin, A.S. 27321
Bogatire, G. *see* Bertolini, P. 24880
Bogatov, N.M. *see* Ardzhanov, A.S. 28076
Bogatyrev, A.I. *see* Mironov, S.A. 15057
Bogatyrev, V.A. Decentralized counter-token dynamic request allocation in multicomputer systems 5522
Bogdan, A., Citko, T. The new space vector control method of the convertor 17030
Bogdan, M. *see* Badertscher, A. 7311
Bogdan, S. *see* Kovacic, Z. 8658
Bogdan, Z., Duic, N. Three-dimensional simulation of the combustion process in an oil-fired furnace 39949
Bogdanov, A.L., Polyakov, A. Two methods of experimental evaluation of long-range proximity function components in electron-beam lithography 27952
Bogdanov, P.P. *see* Gouzhva, Y.G. 23402
Bogdanov, Yu.M., Pashkovskiy, A.B., Tager, A.S. Field-effect transistors with a low modulation sensitivity for low-noise microwave devices 10435
Bogdanova, N., Baizar, R., Voronin, V., Krasnogenov, E. Semiconductor string pressure sensor 23516
Bogdanovich, V.A. Asymptotic invariant signal detection and differentiation algorithms 13193
Bogdanovich, V.A. *see* Antipin, B.M. 29618
Bogdanovskii, A.V. *see* Basov, N.G. 28739
Bogdzel, A.A., Gundorin, N.A., Duka-Zolyomi, A., Kliman, J., Grigoriev, Yu.V. Fast multilayer fission chamber with ^{239}Pu 46958
Boge, M. *see* Barber, D.P. 31578
Bogel, G.von *see* von Bogel, G.
Bogey, R.A. *see* Perry, J. 15867
Boggasch, E., Dietrich, K.-G., Tauschwitz, A., Hoffmann, D.H.H., Laux, W., Wahl, H., Tkotz, R., Stetter, M. Plasma lenses for heavy ion beam focusing 7018
Boggasch, E., Heimrich, B., Hoffmann, D.H.H. Focusing behaviour of plasma lenses compared to conventional quadrupole systems 15426
Boggasch, E. *see* Braun, H. 7110
Boggasch, E. *see* De Magistris, M. 31564
Boggasch, E. *see* Tauschwitz, A. 7017
Boggasch, E. *see* Tauschwitz, A. 31573
Boggavarapu, D., Jin, R., Grantham, J., Hu, Y.Z., Brown de Colstoun, F., Lowry, C.W., Khitrova, G., Koch, S.W., Sargent, M., III, Gibbs, H.M., Chow, W. Instabilities of a microcavity laser with a weak injected signal 12249
Boggess, T.F. *see* Tutt, L.W. 12393
Boggs, D.W. Anti-tarnish: one alternative to HASL 27377
Boggs, S.A., Mashikian, M.S. Role of semiconducting compounds in water treeing of XLPE cable insulation 35160
Bogineni, K., Dowd, P.W. Analytical modeling of WDM media access protocols 30220
Bogineni, K. *see* Dowd, P.W. 13910
Bogineni, K. *see* Dowd, P.W. 14616
Bogineni, K. *see* Dowd, P.W. 20449
Bogineni, K.K. *see* Dowd, P.W. 5487
Boglaev, Y.P. Parallel integration of ODEs based on convolution algorithms 33554
Bogle, J.D. US coast guard HH-65A helicopter avionics block upgrade 39189
Bogli, H. *see* Dillier, N. 24361
Bogliani, P., Colombo, A., Farini, A., Fuga, F. The Italian 'polycurrent Pendolino' multi-system train 48356
Boglietti, A., Canova, A., Chiampi, M., Chiarabaglio, D., Pastorelli, M. Induction motor parametrization at unconventional frequency for field oriented control 40219
Boglietti, A., Ferraris, P., Lazzari, M., Profumo, F. Induction motors losses due to inverter supply 40222
Boglietti, A., Ferraris, P., Pastorelli, M., Zimaglia, C. Averaged field oriented control 40569
Boglietti, A., Griva, G., Pastorelli, M., Profumo, F. A comparison of different modulation techniques 25875
Boglietti, A., Griva, G., Pastorelli, M., Profumo, F., Adam, T. Different PWM modulation techniques indexes performance evaluation 17483
Bogner, R.E. *see* Filippidis, A. 4751
Bogner, R.E. *see* Moini, A. 18913
Bogner, W. Planar GaAs-oscillators for the mm-wave frequency range 10491
Bogner, W. *see* Harth, W. 27230
Bogodaev, N.V., Eliseev, V.V., Zozulya, A.A. Transverse structure of scattered radiation in the geometry of double phase conjugate mirror 12360
Bogodaev, N.V., Ivleva, L.I., Korshunov, A.S., Mamaev, A.V., Polozkov, N.N., Zozulya, A.A. Self-pumped passive ring mirror in crystals with strong fanning 21052
Bogodaev, N.V., Ivleva, L.I., Korshunov, A.S., Polozkov, N.M., Shkunov, V.V. Increase of light-beam coherence by two-wave mixing in photorefractive crystals 21038
Bogolyubov, A.N., Edakina, T.V. Computation of dielectric waveguides with intricate cross-sections by the variate-difference method 44536
Bogolyubov, A.N., Minaev, D.V. Synthesis of the planar waveguide junction 36313
Bogolyubov, A.N. *see* Sveshnikov, A.G. 29258
Bogomolov, V.N. Surface energy and prospects for its use in power generation, transport, and ecology 40499
Bogomolov, Yu.A. *see* Avanesyan, G.R. 41893
Bogonin, I.A., Ioshkin, V.A., Kvit, A.V., Orlikovskii, A.A. The effect of indium doping on gallium arsenide growth by molecular-beam epitaxy 26403
Bogorad, A., Bowman, C., Herschitz, R., Krummann, W., Hart, W. Differential charging control on solar arrays for geosynchronous spacecraft 39304
Bogoslovskiy, A.V. Generalization of space-time model of CCD filter 45032
Bogs, M., Esguerra, M., Holubarsch, W. New ferrite material for high frequency power transformers 26685
Bogucka, H., Wesolowski, K. Echo cancellation in multicarrier modulation data transmission systems 22679
Bogucki, D. *see* Danicki, E. 16036
Bogucki, D. *see* Dickey, T.D. 7636
Boguslawski, R., Egert, H.-J. Easy radio detection in VHF-UHF range 37717
Bogut, M. Prediction of magnetic noise frequencies of squirrel-cage induction motors supplied from semiconductor frequency converters 47880
Bogut, M., Paljan, D. Noise level of squirrel-cage induction motors in a case of static converter supply 16867
Bogy, D.B., Donovan, M., Cha, E. Some head-disk interface tribology issues for near-contact recording on hard disk drives 2820
Bogy, D.B. *see* Strom, B.D. 2819
Bohac, C.E. *see* McEntyre, C.L. 32679
Bohac, P. *see* Sasaki, K. 17339
Bohacek, P. *see* Duricek, L. 2037
Bohan, T.P. *see* Brandt, M.E. 39006
Bohan Wang *see* Wang Bohan
Bohannon, B.K. *see* Bowling, R.A. 27712
Bohineust, X. *see* Linet, V. 31523
Bohl, E., Schropp, K. Discrete evolutions: convergence and applications 26354
Bohl, T. *see* Bailey, R. 15273
Bohland, J. *see* Pavelchek, E. 11071
Bohland, J. *see* Pavelchek, E.K. 11032
Bohlig, D., Jahnig, T. The use of innovative electric buses in the new federal states against the background of environment protection and the rational use of energy 48204
Bohlin, E. *see* Muller, J. 5283
Bohling, D. *see* George, M. 34653
Bohling, D.A., George, M.A., Langan, J.G. Examining process induced contamination: plasma etching and chemical vapor deposition reactors coupled to an in situ surface analytical capability 1979
Bohling, D.A. *see* Abernathy, C.R. 776
Bohling, D.A. *see* Abernathy, C.R. 779
Bohling, D.A. *see* Abernathy, C.R. 41328
Bohling, D.A. *see* Hames, G.A. 34720
Bohling, D.A. *see* Pearton, S.J. 43023
Bohling, D.A. *see* Wisk, P.W. 26417
Bohm, B., Schoonees, J.A., Braun, R.M. Data to frequency mappings in various MSK schemes 29426
Bohm, C., Roths, C., Kubalek, E. Scanning-force-microscope test system for device internal test with high spatial and temporal resolution 43046
Bohm, C., Saurenbach, F., Taschner, P., Roths, C., Kubalek, E. Voltage contrast in integrated circuits with 100 nm spatial resolution by scanning force microscopy 2645
Bohm, C. *see* Dell'Acqua, A. 7283
Bohm, C. *see* Dell'Acqua, A. 46998
Bohm, G. *see* Baumgartner, P. 28197
Bohm, G. *see* Bernhard, K. 43538
Bohm, G. *see* Berthold, G. 42536
Bohm, G. *see* Kiener, C. 27558
Bohm, G. *see* Lettau, C. 42517
Bohm, G. *see* Rohr, T. 9632
Bohm, G. *see* Suski, T. 42503
Bohm, H., Beyermann, G. ZEBRA battery: technology, results, prospects 40399

Bohm, H.-D.V. *see* Schreyer, H. 47201
Bohm, M., Kremer, J., Louis, A.K. Efficient algorithm for computing optimal control of antennas in hyperthermia 24335
Bohm, M. *see* Stiebig, H. 31228
Bohm, M. *see* Stiebig, H. 31237
Bohm, O. *see* Hutter, G. 9976
Bohm, R., Stephani, A., Baev, V.M., Toschek, P.E. Intracavity absorption spectroscopy with a Nd^{3+}-doped fiber laser 20681
Bohmann, L.J., McDaniel, J., Stanek, E.K. Lightning arrester failure and ferroresonance on a distribution system 47499
Bohmann, L.J., Wiitanen, D.O., Wilson, J.M., Zipp, J. Impedance of a double submarine cable circuit using different types of cables within a single circuit 32426
Bohme, F., Schwarz, W. Transformations of circuits belonging to Chua's circuit family into nonlinear feedback loops made of passive RC-filter and active memoryless nonlinearity 991
Bohme, H. *see* Fantana, N.L. 20035
Bohme, J.F. *see* Abramovich, Yu.I. 36728
Bohme, J.F. *see* Kraus, D. 4695
Bohme, J.F. *see* Kraus, D. 13244
Bohme, J.F. *see* Maiwald, D. 4741
Bohme, J.F. *see* Maiwald, D. 7579
Bohme, J.F. *see* Maiwald, D. 24476
Bohme, J.F. *see* Maiwald, D. 36731
Bohme, J.F. *see* Zoubir, A.M. 15260
Bohme, O., Leidich, F.U., Salge, H.J., Wendt, H. Development of materials and production technologies for molten carbonate fuel cells 40460
Bohmer, K., Grossmann, M.C. Area of contraction of Newton's method applied to a penalty technique for obstacle problems 41087
Bohn, M., McInerney, J.G. Resonant optical pumping of vertical-cavity semiconductor lasers 20832
Bohn, R.G. *see* Compaan, A. 25701
Bohn, W.L. The chemical oxygen-iodine laser: achievements, problems and future perspectives 20594
Bohn, W.L. Specific power optimization for COIL 28718
Bohne, D. Synchrotrons for cancer therapy 6913
Bohne, D. Future accelerator projects and collaboration with industry 15274
Bohne, D.I., Deak, P., Weber, J. Hydrogen passivation and reactivation of bistable thermal donors in silicon 10646
Bohne, D.I. *see* Bever, T. 19509
Bohne, W. *see* Pausch, G. 31676
Bohnhoff-Hlavacek, G. *see* Adams, J.C. 28620
Bohren, C.F. *see* Dungey, C.E. 7611
Bohrer, J., Krost, A., Bimberg, D. Carrier dynamics in staggered-band lineup n-InAlAs/n-InP heterostructures 42522
Bohrer, J. *see* Krost, A. 27508
Bohrer, M., Schuocker, D. Gas lasers with coaxial electrodes for ultra high beam power 11941
Bohrisch, R. *see* Schmidt, W.-D. 23585
Bohs, L.N., Friemel, B.H., McDermott, B.A., Trahey, G.E. A real time system for quantifying and displaying two-dimensional velocities using ultrasound 31852
Boiano, C. *see* Bassini, R. 38911
Boiarski, A.A., Busch, J.R., Bhullar, B.S., Ridgway, R.W., Wood, V.E. Integrated-optic sensor with macro-flow cell 6612
Boichenko, A.M., Skakun, V.S., Tarasenko, V.F., Fomin, E.A., Yakovlenko, S.I. Powerful exciplex flashlamps 17589
Boiko, B.B., Soika, A.K., Mit'kovskaya, L.P. Generation of pulsed magnetic fields with an induction of up to 100 T (review) 44263
Boiko, Y.B., Solovjev, V.S., Calixto, S., Lougnot, D.-J. Dry photopolymer films for computer-generated infrared radiation focusing elements 36071
Boiko, Y.Y., Boitsov, V.M., Orda, M.V. Methods of integrating image sensors of different physical nature 45264
Boillot, J.P. *see* Li Song 6594
Boilot, D. *see* Jacob, J. 15458
Boire, J.Y. *see* Cauvin, J.C. 15864
Bois, D. Technical and economic perspectives of VLSI 19952
Bois, P. *see* Bouregba, R. 34258
Bois, P. *see* Fiore, A. 31212
Bois, P. *see* Rosencher, E. 23574
Bois, P. *see* Vinter, B. 46447
Boisdon, C. *see* Duart, J.C. 35161
Boishin, G., Tyuliev, G., Surnev, L. XPS study of oxygen interaction with a Ge-covered Si(100) surface 34698
Boissevain, J. *see* Britton, C.L., Jr. 46993
Boissevain, J.G. *see* Ziock, H.J. 7184
Boissier, G. *see* Grunberg, P. 35836
Boissier, G. *see* Leclercq, J.L. 12209
Boisson, J.-Y., Nickles, P., Picel, Z. The CEN 232; a new generation echo canceller 37366
Boisvert, D.M., Gaboury, M.J., Lloyd, R.B. An 8-10-bit, 1-40 MHz analog signal processor with configurable performance for electronic imaging applications 18911
Boisvert, R.E., Orlando, V.A. ADS-Mode S system overview 39258
Boisvert, R.R. *see* Lyons, W.G. 1402
Boite, R. Correlation effects in digital filters operating with floating-point arithmetic 13411
Boite, R. Introduction to speech processing 21660
Boite, R. *see* Ogorzalek, M. 13401
Boite, R. *see* Vandewalle, J. *(editor)* 9127
Boiteau, D. *see* Lokbani, M.N. 21702
Boitsov, V.M. *see* Boiko, Y.Y. 45264
Boittin, R. *see* Barry, L.P. 28865
Boittin, R. *see* Debeau, J. 30728
Boittin, R. *see* Debeau, J. 35823
Boivie, J. Iron loss model and measurements of the losses in a switched reluctance motor 8340
Boivin, L.P. Automated absolute and relative spectral linearity measurements on photovoltaic detectors 23614
Boix, J.Baucells *see* Baucells Boix, J.
Boix, R.R. *see* Martel, J. 10413
Boix, R.R. *see* Martel, J. 18987
Boix, R.R. *see* Martel, J. 27289
Boj, S., Pauliat, G., Roosen, G. Refreshing procedure for nondestructive readout of dynamic photorefractive memories 12421
Bojanowski, R., Radecki, Z., Duniec, S. Determination of ^{89}Sr and ^{90}Sr in highly radioactive water from a nuclear power plant 39862
Bojic, S. *see* Stankovic, D. 25381
Bojko, R. *see* Mikolas, D. 44139
Bojko, R.J., Pugh, G.M. Dual exposure (e-beam and i-line) of OCG-895i resist 2325
Bojko, R.J. *see* Fields, C.H. 2361
Bojkovic, Z.S. Upper bound on redundancy reduction for real speech DPCM system 13142
Bojkovic, Z.S. *see* Kostic, D.J. 48000
Bojon, J.-P., Grobner, O., Laurent, J.-M., Strubin, P. Experience with the operation of the LEP vacuum system and its performance for LEP200 15310
Bojovic, B., Josipovic, M., Susini, A. Status report of the RF system for the VINCY cyclotron 15340
Bojovic, B. *see* Neskovic, N. 15583
Bojowald, J. *see* Biri, J. 46996
Bojowald, J. *see* Dietrich, J. 7097
Bojtor, L., Nagy, B., Rakovszky, G. A novel excitation system for power plant generators 16489
Bojtor, L. *see* Nagy, B. 16803
Bojun Zhang *see* Maher, D.M. 42620
Bok Chul-Kyu *see* Chul-Kyu Bok
Bok Lee Sun *see* Sun Bok Lee
Bokhari, S.A., Mosig, J.R., Gardiol, F.E. Radar cross section computation of microstrip patches 29318
Bokhari, S.A. *see* Jha, R.M. 4047
Bokhove, H., Smorenburg, C., Visser, H. MIPAS focal plane optics 32084
Bokor, J. *see* MacDowell, A.A. 27832
Bokor, J. *see* Tichenor, D.A. 27831
Bokulic, R.S. *see* Sloan, R.F. 45774
Bolam, R.J. *see* Strong, A.W. 35083
Boland, J.J. *see* Parsons, G.N. 9783
Boland, T., Gray, B. *(editors)* Stable Implementation Agreements for Open Systems Interconnection Protocols Version 6 Edition 1. Based on the Proceedings of the OSE Implementors'Workshop (OIW) (NIST SP 500-206) 5247
Bolchini, C., Fummi, F. FSM fault models impact on test performances 1149
Bolchini, C. *see* Bezzi, G. 33842
Bolchini, C. *see* Bezzi, G. 41875
Boldasov, V.S., Kuz'michev, A.I., Kuz'michev, D.K. Characteristics of hot-cathode diode at low helium pressure 1781
Boldea, I., Muntean, N., Nasar, S.A. Robust low-cost implementation of vector control for reluctance synchronous machines 25412
Bolder, G.J.A. *see* Paulissen, L.M.M. 25091
Bolding, K., Sen-Ching Cheung, Sung-Eun Choi, Ebeling, C., Hassoun, S., Ton Anh Ngo, Wille, R. The chaos router chip: design and implementation of an adaptive router 34121
Boldlehner, H., Pignitter, E. Calculation of current-source-invertor-fed asynchronous machines 25447
Boldt, J. *see* Schmidt, W.-D. 23585
Bolen, T. The quality initiative at Commonwealth Edison 32312
Boles, W.W., Quang Minh Tieng Recognition of 2-D objects from the wavelet transform zero-crossing representation 22106
Bolesta, J. *see* Grajew, G. 37613
Boley, D.L. *see* Lau, P. 21938
Bolfo, S. *see* Pini Prato, A. 48415
Bolger, J.G. *see* Risser, R.J. 48398
Bolin Yan Semiconormed possibility integrals and multi-feature pattern classification 22056
Boling Xi, Botman, J.I.M., Timmermans, C.J., Hagedoorn, H.L., Sweep, A.J.W., Webers, G.A. Injection requirements for the EUTERPE storage ring 15556
Bolinski, R., Stawowczyk, A. Electronic counter of electric power 6679
Bolivar, P.H. *see* Waschke, C. 44119
Bolivar-Toledo, O. *see* Munoz-Blanco, J.A. 30159
Boliver, V.J. *see* Mayer, H.A. 7958
Bolkhovityanov, Yu.B., Gilinskii, A.M., Nomerotskii, N.V., Trukhanov, E.M., Yaroshevich, A.S. Pseudomorphic stressed films of InGaAsP with elastic deformation up to 0.85% and thicknesses of 0.1-0.3 μm prepared by liquid phase epitaxy 27486
Bolkova, E.D., Kononenko, A.G., Latenko, V.I., Masyurenko, Yu.A., Nizhenskii, A.D., Ornatckii, I.A., Sidorchuk, V.E. Electronic measuring transducer for a high-precision pulse-laser range-finder 31435
Boll, G.G. *see* Liu, S.M.J. 1487
Boll, G.G. *see* Liu, S.M.J. 15179
Boll, P.A. *see* Neville, K.J. 15943
Boll, R. Digital image processing by means of the 'Ad Oculos' system 47049
Bolla, R., Danovaro, F., Davoli, F., Marchese, M. An integrated dynamic resource allocation scheme for ATM networks 5171
Bollanti, S., Di Lazzaro, P., Flora, F., Giordano, G., Letardi, T., Portaccio, M., Schina, G., Zheng, C.E., Palladino, L., Reale, A., Taglieri, G., Batani, D., Belli, M., Scafati, A. High brightness excimer laser source applied in soft X-ray generation 24124
Bollanti, S., Di Lazzaro, P., Flora, F., Giordano, G., Letardi, T., Schina, G., Zheng, C.E. Parametric study of an x-ray preionizer with plasma cathode 35937
Bollanti, S. *see* Letardi, T. 20623
Bollapragada, S. *see* Vijaya Kumar, B.V.K. 30104
Bolle, G. *see* Marini, M. 39007
Bolle, R.M. *see* Nayar, S.K. 4823
Bolle, S., Schlichting, A., Weiler, W. Computer-aided preparation of documentation for electric power distribution systems 47441
Bollea, A. *see* Masseroli, M. 22263
Bollen, M.H.J. Method for reliability analysis of industrial distribution systems 9020
Boller, K.-J., Schroder, T. Demonstration of broadband intracavity spectroscopy in a pulsed optical parametric oscillator made of β-barium borate 3857
Bolli, R. *see* Nelson, S., Jr. 8126
Bollig, B. *see* Stohr, A. 28509
Bolliger, B. Electrical and nonelectrical test methods 1736
Bollinger, K.E. A technique for measuring interarea damping contributions from power system stabilizers 32309
Bollinger, K.E., Nettleton, L.D., Gurney, J.H. Reducing the effect of penstock pressure pulsations on hydro electric plant power system stabilizer signals 32771
Bollinger, K.E. *see* Norum, W.E. 24675
Bollini, R. *see* Youn, L.T. 8036
Bollmann, R., Dohrmann, F., Gross, A., Krause, H., Langkau, R., Scobel, W., Woller, K. Few electron response and spurious background of linear focused photomultipliers 46869
Bollmann-Sdorra, P., Wong, S.K.M., Yao, Y.Y. A measure-theoretic axiomatization of fuzzy sets 18037
Bollom, D.A. Results along the road to quality (in electricity supply industry) 32273
Bollong, M. *see* Jones, K.S. 2042
Bolme, G.O. *see* Johnson, K.F. 23986
Bolmont, D. *see* Diani, M. 807
Bolognani, S., Fracchia, M., Pozzobon, P., Zigliotto, M. A generalized model for harmonic analysis of natural commutation conversion systems 17526
Bolognani, S., Zigliotto, M. Inferential processor based fuzzy control for an electric drive 17435
Bolognani, S. *see* Moynihan, J.F. 17463
Bolognesi, C.R., Caine, E.J., Kroemer, H. Improved charge control and the frequency performance in InAs/AlSb HFET's 28190
Bolognesi, C.R., Caine, E.J., Kroemer, H. Improved charge control and frequency performance in InAs/AlSb-based heterostructure field-effect transistors 43000
Bolognesi, C.R. *see* Koester, S. 42526
Bolognesi, C.R. *see* Koester, S.J. 27546
Bolognesi, C.R. *see* Simon, A. 15027
Bolognesi, C.R. *see* Utzmeier, T. 42500
Bolognesi, V. *see* Tkaczyk, S. 46989
Bolognini, G. *see* Noviello, L. 32552
Bolomey, J.C. Rapid near-field techniques for EMC applications 36263
Bolomey, J.C. *see* Bel Hadj Tahar, J. 31394
Bolomey, J.C. *see* Ziyyat, A. 29287
Bolopion, A. *see* Gerbaud, L. 17473
Bolore, M. *see* Vallet, C. 15513
Bolorizadeh, M.A. *see* Bahram-pour, A.R. 11975
Bolorizadeh, M.A. *see* Shojaei, M. 20622
Bolorizadeh, M.A. *see* Shojai, A. 11976
Bolot, J.-C. End-to-end packet delay and loss behavior in the Internet 30389
Bolot, J.-C. Characterizing end-to-end packet delay and loss in the Internet 30435
Bolot, J.-C. *see* Altman, E. 45283
Bolotnikov, A. *see* Aprile, E. 31717
Bolotnikov, A. *see* Aprile, E. 46900
Bolouri, H., Morgan, P. A family of VLSI neural processors for real-time applications 42120
Bolouri, H., Morgan, P., Gurney, K. Design, manufacture and evaluation of a scalable high-performance neural system 42103
Bolouri, H. *see* Hui, T. 1374
Bolouri, H. *see* Peacock, C. 41986
Boloznev, V.V., Romanychev, A.D. A small pickup for a microwave interferometer 46582
Bolsens, I. *see* Betts, A.K. 19990
Bolsens, I. *see* Van Himbeeck, C. 37892

Bolshakov, A.E., Onosovsky, K.K. Compact accelerator for proton therapy 7468
Bol'shakov, S.S. *see* Voronov, V.I. 12022
Bolshtyanskii, M.A., Zel'dovich, B.Ya., Savchenko, A.Yu., Churikov, V.M. Measurement of the phase of a $\chi^{(2)}$ hologram recorded in glass 12419
Bolshtyanskii, M.A. *see* Zel'dovich, B.Ya. 12341
Bolshtyansky, M.A., Churikov, V.M., Kapitzky, Yu.E., Savchenko, A.Yu., Zel'dovich, B.Ya. Phase properties of $\chi^{(2)}$ gratings in glass 3769
Bolsinger, L., Harris, N., Contreras, D. Cogeneration projects flourish in Spain 40009
Bolster, M.E., Staniewicz, R.J. Active lithium thionyl chloride batteries for high rate pulse applications 17170
Bolt, R.J. *see* Jongerius, M.J. 44087
Bolte, E. *see* van der Broeck, H. 8886
Bolton, H.R. *see* Chikwanda, H.S. 8823
Bolton, H.R. *see* Dolan, J.E. 47992
Bolton, H.R. *see* Fair, R. 8728
Bolton, R.J. *see* Abd-El-Barr, M.H. 27116
Bolton, R.J. *see* Jain, A.K. 18634
Bolton, R.J. *see* Jain, A.K. 18635
Bolton, T. *see* Auchincloss, P.S. 46953
Bolton, T. *see* Kinnel, T.S. 38880
Boltshauser, T., Haberli, A., Baltes, H. Piezoresistive membrane hygrometers based on IC technology 46359
Boltshauser, T., Leme, C.A., Baltes, H. High sensitivity CMOS humidity sensors with on-chip absolute capacitance measurement system 6439
Boltushkin, A.V. *see* Tkachenko, T.M. 28353
Bolus, D. *see* Brussol, M. 14065
Boly, J.-P. *see* Labrujere, A.C. 6065
Bolyukh, V.F. Electrodynamic interaction between a cryoresistive excitation winding and inductively-coupled circuit 8291
Bolyukh, V.F. Excitation of a cryoresistive winding from a capacitive accumulator with a magnetically coupled circuit 40500
Bolyukh, V.F., Dan'ko, V.G., Kozhemyakin, S.M., Stankevich, A.I. Toward design of a cryoturbogenerator with superconducting stator 25371
Bolz, A., Hubmann, M., Hardt, T., Riedmuller, J., Schaldach, M. Low polarization pacing lead for detecting the ventricular-evoked response 24345
Bolze, T. *see* Neidlinger, S. 38110
Bolzoni, I. *see* Bezzi, G. 33842
Bolzoni, I. *see* Bezzi, G. 41875
Bom, V.R. *see* Okx, W.J.C. 7249
Boman, M. *see* Westberg, H. 10992
Bomans, M. *see* Schubert, R. 15770
Bombana, M. *see* Bezzi, G. 33842
Bombardier, J.K. Product defect reduction through the use of business process management 440
Bombardier, V., Levrat, E. Edge detection by fuzzy classification 13554
Bomer, J.G. *see* Brunink, J.A.J. 6470
Bomford, C.K. *see* Whilde, N.J. 24336
Boming Zhang *see* Zhang Boming
Bomitali, E. *see* Arizio, R. 5389
Bommarito, D. *see* Barrick, M. 2351
Bon, J.L., Collet, J. An algorithm in order to implement reliability exponential approximations 33430
Bona, G.-L., Unger, P., Buchan, N.I., Heuberger, W., Jakubowicz, A., Roentgen, P. (Al)GaInP laser with lateral confinement by epitaxial growth on nonplanar substrates 28863
Bona, G.-L. *see* Unger, P. 12178
Bona, G.L. *see* Risk, W.P. 12220
Bona, G.L. *see* Vettiger, P. 3641
Bona, M. *see* Acerbi, E. 15549
Bonac, M. Overview of academic networking initiatives in Europe 37442
Bonacina, S. *see* Stone, D. 25888
Bonafonte, A., Marino, J.B., Pardas, M. N-best hypotheses: an approach taking into account coarticulation 13121
Bonal, J., Wiart, A.C. Considerations about some implementations of drives consisting of AC-motors and various current source inverters particularly an analytical derivation of a torque ripple formula 8296
Bonaldi, P., Ruggeri, G., Masera, A. Managing dam safety in Thailand 47801
Bonamour, P. *see* Brugeas, I. 44383
Bonamy, P. *see* Cushman, P. 24012
Bonamy, P. *see* Hulbert, M. 7206
Bonan Ding *see* Ding Bonan
Bonani, F. *see* Ghione, G. 28215
Bonanni, I. AC regulator controlled by LVI 8587
Bonanno, N. *see* Volotinen, T. 35371
Bonar, F.R. *see* Saunders, S.R. 44367
Bonar, J.R., Bebbington, J.A., Aitchison, J.S., Maxwell, G.D., Ainslie, B.J. Low threshold Nd-doped silica planar waveguide laser 35719
Bonar, J.R. *see* Taneja Nayyar, A. 46355
Bonard, J.M. *see* Rudra, A. 41330
Bonasoro, M. *see* Pennati, G.P. 16003
Bonati, B., Canclini, A., Cavone, M., Novarini, E., Pavan, P., Rivoir, R., Stucchi, M., Zanoni, E. Analysis of ESD protection networks for DMOS power transistors by means of static and time-resolved emission microscopy 2521
Bonato, P., Buoli, C., Salerno, M., Ens, H. Access radio systems in SDH and mobile networks 14522
Boncek, R.K. *see* Krol, M.R. 5898
Boncek, R.K. *see* Sokoloff, J.P. 30712
Boncek, R.K. *see* Sokoloff, J.P. 38080
Boncek, R.K. *see* Sun, D. 11680
Boncelet, C.G., Jr. Block arithmetic coding for source compression 36508
Bonchev, T., Vapirev, E.I., Helal, F., Jordanov, V., Semova, T. A rapid method for investigation of surface alpha-contamination 24083
Bonci, C. The safety and performance of electromedical systems 31993
Boncyk, W.C. *see* Wang, J.R. 24479
Boncz, I. *see* Bessenyei, Z. 39824
Bond, A. The water industry [automatic meter reading] 45494
Bond, A.E.J. Operation of the EMC Directive (89/336/EEC) in the United Kingdom 36237
Bond, A.E.J. Implementation of the electromagnetic compatibility (EMC) Directive (89/336/EEC) in the UK 44455
Bond, I.P., Ansell, M.P. The effect of the marine environment on the fatigue life of wind turbine materials 8251
Bond, J. The incredible shrinking disk drive 11482
Bond, J., Levenson, M.D. The US gears up to challenge Japan in flat panel displays 26171
Bond, J. *see* Qu, Z. 24760
Bond, L.J. *see* Lee, U.W. 7651
Bond, L.J. *see* Lee, U.W. 32124
Bond, M. *see* Dangerfield, W. 14073
Bond, P., Sengupta, D., Orrman-Rossiter, K.G., Reeves, G.K., Paterson, J.K. Dry etching of indium phosphide 2182
Bond, S.W. *see* Liu, K. 30778
Bondar, A.E. *see* Aulchenko, V.M. 7220
Bondar', I.V. *see* Yumashev, K.V. 20685
Bondar', I.V. *see* Yumashev, K.V. 21004
Bondarchuk, A.I. *see* Grossman, Yu.S. 9864
Bondarchuk, Ya.M. *see* Chedzhemov, G.Kh. 3439
Bondarchuk, Y.M. *see* Chedzhemov, G.K. 35928
Bondarenko, A.F. Improving the effectiveness of control of electric power-supply systems on the basis of distributive systemization of subject knowledge 32257
Bondarenko, B.N., Vorotyntseva, I.I. Optimisation of energy conversion in self-phased TWTs with applied static fields 27436
Bondarenko, V. *see* Kovyazina, T. 41251
Bondarenko, V.G. *see* Capeans, M. 24060
Bondarenko, V.P., Varichenko, V.S., Dorofeev, A.M., Kazyuchits, N.M., Labunov, V.A., Stel'makh, V.F. Integrated optical waveguide fabricated with porous silicon 28682
Bondarev, B., Durkin, A., Pirozhenko, V., Plink, O. Development and study of the opposed vibrator resonator for FRQ compact ion linacs 15523
Bondarev, B.I., Durkin, A.P., Murin, B.P., Nikolaishvili, G.T., Shlygin, O.Yu. LIDOS—unconventional helper for linac beam designing 46760
Bondaryk, J.E. *see* Tom, V.T. 29832
Bondeson, A. *see* Antonsen, T.M., Jr. 1787
Bondi, A.B., Wai-Sum Lai The influence of cell loss patterns and overheads on retransmission choices in broadband ISDN 30522
Bondon, P. On the identifiability of a quadratic stochastic system 4707
Bondurant, D. Low latency EDRAM main memory subsystem for 66 MHz bus operation 41880
Bondurant, D.W. Enhanced DRAM integrates SRAM cache and fast DRAM memory system on one chip 26938
Bondurant, R.S. Near-quantum optimum receivers for the phase-quadrature coherent-state channel 23020
Bondurant, R.S. *see* Alexander, S.B. 6055
Bondurant, R.S. *see* Swanson, E.A. 45997
Bone, D.J. *see* Harvey, T.G. 43453
Bone, M. *see* Haven, D. 6692
Bone, M. *see* Kahn, F.J. 6699
Bone, R.L. *see* Brown, R.L. 17888
Bonek, E. *see* Crohn, I. 5765
Bonek, E. *see* Crohn, I. 37796
Bonelli, M. *see* Laidani, N. 10810
Bonert, R. *see* Jaques, J. 7741
Bonert, R. *see* Rajakaruna, S. 32858
Bonert, R. *see* Weidenbrug, R. 16943
Bonesini, M. *see* Benvenuti, A. 7252
Bonetti, C. *see* De Brion, J.-P. 38817
Bonetti, R.R., Williams, A.E. New design techniques for coupled-line filters with transmission zeros 27145
Bonetti, R.R. *see* Shih-Jih Yao 42178
Boney, C. *see* Lansari, Y. 11675
Bonfait, G. *see* Girard, T.A. 24043
Bonfert, J.P. *see* Chou, H.P. 25168
Bonfim, M.J.C., Swart, J.W., Velasco, C.E.M., Okura, J.H., Verdonck, P.B. A low frequency remote plasma rapid thermal CVD system with face down electrostatic clamp wafer holder 855
Bong, E. *see* Ross, M.C. 15416
Bong Dae Choi, Kwang Kyu Park, Pearce, C.E.M. An M/M/1 retrial queue with control policy and general retrial times 9384
Bong Ho *see* Chi-Yeh King 18365
Bong Kang Sug *see* Sug Bong Kang
Bong Koo Kang *see* Moon Shick Chung 1579
Bong Man Ahn *see* Heung Ki Baik 4682
Bong-Gyu Kim, Jae-Hoon Chung Efficiency of the Daeduk Radio Astronomy Observatory 13.7-m radio telescope 30940
Bong-Hwan Oh, Ishikawa, K., Hayakawa, N., Okubo, H., Kito, Y. Current distribution in superconducting multistrands for AC use before and after quenching 7968
Bong-Jin Yum, Seong-Jun Kim On parameter design of binary-input-and-binary-output dynamic systems 17941
Bong-Jin Yum *see* Jae-Hwan Kim 41019
Bonga, G.J.J. *see* Hof, A.L. 47072
Bongardt, K. *see* Dietrich, J. 7097
Bongers, P.M.M. DUWECS: a wind turbine design tool 32814
Bongiorno, F. *see* Bocciolini, M. 24082
Bongiovanni, G., Cinque, L., Levialdi, S., Rosenfeld, A. Image segmentation by a multiresolution approach 22055
Bongiovanni, G. *see* Butty, J. 12124
Bongkuk Lee, Uk-Youl Huh Robust self tuning controller for electric furnace 8986
Bonhomme, P. *see* Faure, J. 27617
Boni, R. *see* Bartalucci, S. 15501
Boni, R. *see* Bartalucci, S. 15502
Boni, R. *see* Bassetti, M. 7053
Bonicel, J., Keller, D., Kylen, G., Schulte, J., Paternostro, G., Berthelsen, G., Cortines, C.G., Lasne, C. An international development on ribbon technology and evaluation of applicability to national specifications 5997
Bonicelli, T., Baigger, P., Hrabal, D., Klein, R., Marchese, V., Mondino, P.L., Ostrom, R., Shaw, S., Timmert, H.P., Zullo, G. Factory and site tests on the 25 MW GTO power amplifier for the control of the JET plasma vertical position 8580
Bonicelli, T., Ostrom, R., Baigger, P., Timmert, H.P. On-line simulation of the junction temperature for the thermal protection of high power gate turn-off thyristors used in pulsed duty inverters 1065
Bonifaci, N. *see* Marteau, C. 1772
Bonifacio, F. *see* Maci, S. 29307
Bonifacio, R., De Salvo, L. Collective atomic recoil laser (CARL) optical gain without inversion by collective atomic recoil and self-bunching of two-level atoms 43708
Bonifacio, R., De Salvo, L., Pierini, P., Piovella, N., Pellegrini, C. A study of linewidth, noise and fluctuations in a FEL operating in SASE 43985
Bonifacio, R., Pierini, P., Pellegrini, C., Rosenzweig, J., Travish, G. Slippage, noise and superradiant effects in the UCLA FEL experiment 43997
Bonifacio, R. *see* Barletta, W.A. 6875
Bonifacio, R. *see* Pellegrini, C. 44002
Bonifacio, R. *see* Piovella, N. 20923
Bonifacio, R. *see* Piovella, N. 43988
Bonifacio, R. *see* Zhang, R. 43690
Bonifazi, C. *see* Oberhardt, M.R. 39148
Bonifield, T., Hewes, K., Merritt, B., Robinson, R., Fisher, S., Maisch, D. Extended Run evaluation of TEOS/ozone BPSG deposition 34658
Bonin, B., Roth, R.W. Q degradation of niobium cavities due to hydrogen contamination 15430
Bonin, B. *see* Antoine, C.Z. 11526
Bonin, B. *see* Jimenez, M. 1779
Bonin, B. *see* Vallet, C. 15513
Bonincontro, A. *see* Xu, Y. 15167
Boning, D. *see* Rodder, M. 20004
Boning, D.S. *see* Durbeck, D. 34649
Boning, D.S. *see* Giles, M.D. 28245
Boning, D.S. *see* Gopalarao, K.S.V. 34660
Bonini, A. *see* Takahashi, J. 15381
Bonini, J. *see* Crook, D. 35051
Bonino, R. *see* Ambrosini, G. 38898
Bonino, R. *see* Bates, S. 24057
Bonino, R. *see* Borer, K. 7221
Boninsegni, M. Telematic exchanges between Italian and French schools 30302
Bonisch, G. *see* Meyder, R. 28420
Bonk, D. *see* Robertson, A. 8163
Bonk, J.J. *see* Smith, R.K. 25044
Bonmann, D. *see* Hornfeldt, S. 32902
Bonn, J. *see* Backe, H. 47013
Bonnaud, O. *see* Aziz, A. 42842
Bonnaud, O. *see* Sarret, M. 9762
Bonnaud, O. *see* Sarret, M. 33700
Bonnaure, P. Systems for the electrification of high-speed railways 48351
Bonneau, D. *see* Mourard, D. 46313
Bonneau, D. *see* Rongere, F.-X. 25857
Bonneau, E. *see* Richard, C.J. 38327
Bonneau, P. *see* Doughty, D.C. 15664
Bonnecase, D. *see* Basseville, M. 6865
Bonnedal, D. Single-setup characterization of optical fiber amplifiers 35723
Bonnedal, D. *see* Gilgen, H.H. 3079
Bonnefon, H. *see* Bertsch, Y. 31760
Bonnefoy, P. *see* Val, C. 43085
Bonnel, L., Gravey, P. Application of photothermoplastic holograms to single mode fibre optical interconnects 12471
Bonnel, M., Duhamel, N., Haji, L., Henrion, Y., Loisel, B. Furnace and rapid thermal annealing for polysilicon TFT's. Influence of channel film thickness 28173

Bonnel, M., Duhamel, N., Haji, L., Loisel, B., Stoemenos, J. Polycrystalline silicon thin-film transistors with two-step annealing process 42954
Bonnel, M., Duhamel, N., Henrion, T., Loisel, B., Haji, L. Furnace and rapid thermal annealing for polysilicon thin film transistors—influence of channel film thickness 19828
Bonnenberg, D. *see* Surig, C. 2800
Bonner, B. *see* Bar-Yam, Z. 46864
Bonner, B., Jr. *see* Bustard, C.J. 8174
Bonner, C. *see* Dwayne Miller, R.J. 20723
Bonner, J.A., Patel, K.S., Long, J.A. Control system rehabilitation [of thermal power plant] 47718
Bonnet, G., Duclos, P., Moutier, P. Towards telecommunication products based on a common control platform 45462
Bonnet, J. *see* Godard, B. 20628
Bonnet, J.J. *see* Perotin, M. 34695
Bonnet, M. *see* Mboup, M. 13391
Bonnett, A., Wittman, L., Miller, J.G. Motor vibes: noise and vibration bibliographies and abstracts 8793
Bonnett, A.H. Cause and analysis of anti-friction bearing failures in AC induction motors 8380
Bonnevie, D. *see* Doussiere, P. 43932
Bonnick, A.W.M. Reliability diagnostics and mechanics' skills 48439
Bonnier, D. *see* Fournier, G.R. 16008
Bonnin, P., Hoeltzener-Douarin, B., Aubin, N., Cartier, S., Porcher, T., Fiorini, P., Zavidovique, B. Parallel software requirements to the design of a general architecture: application to image processing 22099
Bonny, J.M. *see* Cauvin, J.C. 15864
Bonnyman, J., Curtis, K.M., Bailly, G. A transputer based recurrent neural network for resonance tracking of speech 44771
Bono, D. *see* Guinet, J. 42311
Bonollo, F., Tiziani, A., Zambon, A. Model for CO_2 laser welding of stainless steel, titanium, and nickel: parametric study 44177
Bonollo, F., Tiziani, A., Zambon, A., Cristofolini, I., Penasa, M. Effect of laser welding parameters on the microstructure of duplex stainless steels 21141
Bononi, A., Forghieri, F., Prucnal, P.R. Soliton ultrafast all-optical mesh networks 5945
Bononi, A., Forghieri, F., Prucnal, P.R. Design and channel constraint analysis of ultrafast multihop all-optical networks with deflection routing employing solitons 45956
Bononi, A. *see* Forghieri, F. 46021
Bonora, A.C. Minienvironments and their place in the fab of the future 9217
Bons, J.H. *see* Koch, R.C.N. 21653
Bons, J.H. *see* Prasad, R. 22504
Bonse, T., Herfet, T., Hollmann, T. Optimum moving-image reproduction for a uniform high definition television studio format 6224
Bonte, B. *see* Theron, D. 19911
Bontrager, E.L. *see* Perry, J. 15867
Bontschew, B. *see* Arendt, R. 26409
Bonushkin, Yu. *see* Kendall, H.W. 46970
Bonutti, F., Camerini, P., Grion, N., Rui, R., Amaudruz, P. A method for monitoring the stability of photomultipliers 24109
Bonvalot, B. *see* Dominguez, D. 31207
Bonvini, S. *see* Bartolozzi, M. 48052
Bonwick, W.J. *see* Maani, G. 17450
Bonyushkin, E.K. *see* Pavlovskii, A.I. 28713
Boo Yeon Choi *see* Doh Hoon Kim 2377
Boogaard, J., van Dijk, G.M. NDT reliability and product quality 18371
Booker, G. *see* Graham, R.M. 18157
Booker, G.R. *see* Falster, R. 2012
Booker, G.R. *see* Giles, L.F. 34612
Booker, G.R. *see* Hunt, T.D. 10881
Booker, G.R. *see* Nejim, A. 34613
Booker, G.R. *see* Yupu Li 2091
Booker, R. *see* Kolbesen, B.O. 19929
Booker, S. *see* Lambert, A. 44576
Bookstein, A., Klein, S.T., Raita, T., Ravichandra Rao, I.K., Patil, M.D. Can random fluctuation be exploited in data compression? 4385
Bookstein, F.L., Green, W.D.K. A feature space for derivatives of deformations 37030
Boom, W., Wennink, G.E. New group feature collection for SOPHO-S ISPBX 37676
Boon, H.Y. *see* Yew, K.T. 30371
Boon Cheong Tan *see* Tan Boon Cheong
Boon Goh Wooi *see* Wooi Boon Goh
Boon Hee Soong *see* Soong Boon Hee
Boon Poh Ng, Meng Hwa Er, Chichung Kot A flexible array synthesis method using quadratic programming 36414
Boon-Cheong Tan *see* Tan Boon-Cheong
Boon-Ping Chai *see* Gee-Swee Poo 14103
Boone, B.G. *see* Grabow, B.E. 23863
Boone, F., Aubert, H., Baudrand, H. Complex modes in open and shielded lossless planar transmission lines and their correspondence with leaky modes 36302
Boone, T., Higashi, G.S., Benton, J.L., Kistler, R.C., Weber, G.R., Keller, R.C., Makris, G. HF-immersion inductively coupled carrier lifetime characterization of furnace-oxide growth 34708
Boone, T. *see* Eisenberg, J.H. 34754
Boone, T. *see* Gossmann, H.-J. 19507
Boone, T. *see* Gossmann, H.-J. 19529
Boone, T. *see* Green, M.L. 832
Boone, T. *see* Jacobson, D.C. 34750
Boone, T. *see* Mau-Tsu Tang 27600
Boone, T. *see* Tang, M.-T. 33774
Boonkosum, W., Kruangam, D., Panyakeow, S. Novel flat-panel display made of amorphous SiN:H/SiC:H thin film LED 35612
Boonkosum, W. *see* Kruangam, D. 28664
Boonkosum Wirote *see* Wirote Boonkosum
Boontje, R. *see* Zondervan, A. 46867
Booras, G.S. *see* Wheeldon, J.M. 32640
Boorer, A., Center, R., Conroy, A., Duck, C., Evans, D., Hughes, T. Towards a national power grid 16147
Boos, J.B., Shanabrook, B.V., Park, D., Davis, J.L., Dietrich, H.B., Kruppa, W. Impact ionisation in high-output-conductance region of 0.5 μm AlSb/InAs HEMTs 1554
Boos, J.B. *see* Kruppa, W. 35027
Booske, J. *see* Joe, J. 34479
Booske, J.H., Kumbasar, A.H., Basten, M.A. Periodic focusing and ponderomotive stabilization of sheet electron beams 15472
Boot, A.J. *see* van Deventer, M.O. 46003
Booth, A. *see* Bowden, M. 38924
Booth, A.W. *see* Chung-Ching Wang 46325
Booth, C.N. *see* Beaumont, S.P. 15637
Booth, D.J. *see* Kaddu, S.C. 38544
Booth, I., Barlow, M., Watson, B. Enhancements to DTW and VQ decision algorithms for speaker recognition 13044
Booth, I., Barlow, M., Watson, B. Enhancements to DTW and VQ decision algorithms for speaker recognition 29519
Booth, I. *see* Barlow, M. 13007
Booth, I. *see* Downs, T. 4552
Booth, N.E., Brink, P.L., Gaitskell, R.J., Goldie, D.J., Hahn, A.D., Salmon, G.L., Swift, A.M. Superconducting tunnel junctions and quasiparticle trapping 20188
Booth, N.E. *see* Brink, P.L. 20191
Booth, N.E. *see* Hahn, A.D. 20197
Booth, N.E. *see* Swift, A.M. 46947
Boothroyd, A.R. *see* Sing-Pin Tay 1913
Boothroyd, G., Knight, W. Design for assembly 222
Boothroyd, S.A. *see* Macdonald, R.P. 20958
Bootnik, M. *see* Stern, A. 23389
Booton, R.C., Jr. *see* Chang, D.C. 12511
Bootsma, T.M.V. *see* Langerak, J.J. 38909
Bopp, M., Strohal, J. UHF receiver design reduces current consumption 14768
Boproshnev, A.V. *see* Kovtonyuk, N.F. 3225
Bor, D., Bayhan, H. Visualization of gamma camera crystal artifacts by UV irradiation 31904
Bor, S.-S. *see* Liu, J.-C. 4143
Bor, S.S., Konheim, A.G. A uniqueness theorem for buffer allocation 5216
Bor, Z., Hopp, B., Racz, B., Szabo, G., Marton, Z., Ratkay, I., Mohay, J., Suveges, I., Fust, A. Physical problems of excimer laser cornea ablation 15911
Bor, Z. *see* Szabo, G. 44044
Bor Sheau-Shong *see* Sheau-Shong Bor
Bor Zen Hong Finite element modeling of time and temperature dependent inelastic deformation of flip chip solder joint 372
Bor-Long Bai *see* Jar-Ferr Yang 36878
Bor-Ren Lin, Hoft, R.G. Neural networks and fuzzy logic in power electronics 25542
Bor-Sen Chen *see* Sen-Chueh Peng 44837
Bor-Sen Chen *see* You-Li Chen 34176
Bor-Tsuen Wang, Burdisso, R.A., Fuller, C.R. Optimal placement of piezoelectric actuators for active structural acoustic control 35190
Bor-Yeu Tsaur, Chen, C.K., Marino, S.A. Heterojunction Ge_xSi_{1-x}/Si infrared detectors and focal plane arrays 46446
Bor-Yir Chen *see* Kuo-Chiang Hsu 42928
Borangiu, Th. Microprogrammed ALU for a low cost logical controller 33965
Borany, J.von *see* von Borany, J.
Borchardt, H. *see* Streicher, J. 39381
Borchardt, R.L., Ha, T.T. Capture Aloha with two random power levels 22358
Borchelt, E.F., Lu, G. Applications of diamond made by chemical vapor deposition for semiconductor laser submounts 33365
Borcherding, F. *see* Auchincloss, P.S. 46953
Borcherding, F.O. *see* Kinnel, T.S. 38880
Borchert, B. *see* Amann, M.C. 20787
Borchert, B. *see* Wolf, T. 20766
Borchert, B. *see* Zoz, J. 28809
Borchi, E., Bosetti, M., Leroy, C., Pensotti, S., Penzo, A., Rancoita, P.G., Rattagi, M., Terzi, G. Evidence for compensation in a Si hadron calorimeter 7251
Borden, D. Aeroderivative turbines 25225
Borden, P.G., Burghard, R. Progress toward host tool integration of in situ particle monitors 266
Bordenko, Yu.A. *see* Avdeichikov, V.V. 7239
Borderie, B. The INDRA 4π detector and its physics program 31712
Borderies, P., Felsen, L.B. Phase space analysis and localization of scattering by a planar, infinite, weakly-resonant array illuminated by a very short plane pulse 44316
Bordett, H. *see* Priest, J. 19258
Bordett, H. *see* Priest, J. 34416
Bordier, J.M., Fink, M., Le Brun, A., Cohen-Tenoudji, F. The random phase transducer in ultrasonic nondestructive testing of coarse grain stainless steel: An original tool to characterize multiple scattering effect 9852
Bordignon, P. *see* Bocchetti, G. 8924
Bordina, N.M., Letin, V.A. Effect of electrization on parameters of solar batteries in laboratory modelling a working condition 24430
Bordina, N.M. *see* Letin, V.A. 32042
Bordogna, G. *see* Fontana, F. 3522
Bordogna, G. *see* Fontana, F. 12081
Bordonalli, A. *see* Ramos, R.T. 20910
Bordry, F. *see* Bailey, R. 15273
Bordry, Fk. *see* Beuret, A. 8599
Bordy, J.M. *see* Boutruche, B. 47141
Bordyug, I.B. *see* Ovchinnikov, A.A. 23047
Borecki, J., Ladniak, L., Sobh, N. Correction of the waveform of current taken from the mains by a rectifier with capacitive smoothing 17049
Boreham, B.W., Waller, J.W., Hora, H., Cicchitelli, L., Khoda-Baksh, R., Rowlands, T. Application of dense plasma beams to the development of a high-efficiency lateral injection laser amplifier 3684
Borek, H., Raabe, P. Simulation of slow particle beams using a microstrip line model 15442
Borek, S. *see* Slamani, M. 14689
Borek, S. *see* Tsao, T. 14688
Borel, C. *see* Li, C. 43779
Borel, C. *see* Souriau, J.C. 35736
Borel, J., Monnier, J., Matheron, G. The single chip system ERA 34184
Borelli, J. *see* Raffaelli, L. 30903
Borenstain, S.I. *see* Rich, D.H. 34559
Borenstein, A. *see* Shalev, P. 44095
Borenstein, S.W. *see* Licina, G.J. 39719
Borer, I., Bovet, C., Burns, A., Morpurgo, G. Harmonic analysis of coherent bunch oscillations in LEP 7095
Borer, K., Bates, S., Munday, D.J., Parker, M.A., Poppleton, A., Gossling, C., Lisowski, B., Reichold, A., Spiwoks, R., Tsesmelis, E., Clark, A.G., Bonino, R., Wu, X., Moorhead, G.F., Taylor, G.N., Tovey, S.N., Stapnes, S., Hawkings, R.J., Weidberg, A.R., Lubrano, P., Scampoli, P., Teiger, J., Gheorghe, A., Bock, R., Krischer, W. A study of a second level track trigger for ATLAS 7221
Borer, K. *see* Furlan, M. 31728
Borg, G.G., Jahreis, T. Radio-frequency power combiner for CW and pulsed applications 40387
Borg, M., Branner, G.R., Keese, W., Dao, A. Synthesis of active microwave frequency doublers 19106
Borgarelli, L., Cortesini, R., Dionisio, C. Digital chirp generator suits space applications 9997
Borgatti, R., Stefani, R., Bressan, O., Bicciato, F., Tenti, P., Rossetto, L. 1 kW, 9 kV DC-DC converter module with time-sharing control of output voltage and input current 40325
Borge, Ma., Casanueva, A., Garcia, J.L. Efficient eigenmode analysis for multiconductor and multilayer planar transmission lines: SVD a technique capable of solving homogeneous matrix equations without poles 29227
Borgefors, G., Sanniti di Baja, G. Polygonal covering on the hexagonal grid: two parallel algorithms 29904
Borgensen, P. *see* McGroarty, J. 17918
Borger, J. *see* Zeppenfeldt, F. 22117
Borgerding, R., Muhlbauer, A. Developments in electric heating 25937
Borges, I. *see* Khoe, G. 6054
Borgesen, P., Korhonen, M.A., Brown, D.D., Li, C.-Y. Microstructure based modelling of stress migration and electromigration induced failure distributions 34805
Borgesen, P. *see* Brown, D.D. 34810
Borgesen, P. *see* Korhonen, M.A. 10989
Borgesen, P. *see* Korhonen, M.A. 34797
Borgesen, P. *see* Yost, B. 17917
Borghesi, A. *see* Rojas, S. 26507
Borghi, C.A., Massarini, A. Magnetohydrodynamic transients in MHD generators 25778
Borghi, C.A., Massarini, A., Mazzanti, G., Ribani, P.L. Steady state descriptions of MHD plasma flows 25784
Borghi, C.A., Reggiani, U., Ribani, P.L. A magnetohydrodynamic synthesis problem in MHD generators 25787
Borghi, M.R., Fagnani, M., Sandri, P. High efficiency double DC-DC converter IC 41665
Borghs, G. *see* Fobelets, K. 18824
Borghs, G. *see* Fobelets, K. 19733
Borghs, G. *see* Kuijk, M. 11773
Borghs, G. *see* Pereira, R. 10904
Borghs, G. *see* Pereira, R. 27567
Borghs, G. *see* Van Hoof, C. 3356
Borglind, J. *see* Lundqvist, L. 23575
Borgmann, D. Theoretical and experimental coverage analysis of a VLF transmitter 4128
Borgne, M., Du Chaffaut, G., Carpentier, S., Kervarrec, J., Rainard, J.L. High speed components for an ATM-PON system 30808
Borgne, M. *see* du Chaffaut, G. 14600

Borgonovo, F., Lombardo, A., Palazzo, S., Panno, D. FQDB: a fair multisegment MAC protocol for dual bus networks 22518
Borgs, W. *see* Bechstedt, U. 15536
Boric-Lubecke, O., Pan, D.-S., Itoh, T. Large signal quantum-well oscillator design 27239
Borie, E. Study for second harmonic gyrotrons in the submillimeter region 42364
Bories, M. *see* Allen, C. 7383
Borin, F. *see* Pereira, J.S. 43631
Boring, P. *see* Bigenwald, P. 42422
Borio, R., Chiocchini, S., Cicioni, R., Degli Esposti, P., Rongoni, A., Sabatini, P., Saetta, D.M.S., Regi, L., Caprino, G. Optimisation need of dental radiodiagnostic procedures: results of effective dose evaluation from Rando phantom measurements 47040
Borisenko, A. *see* Arzumanov, A. 15390
Borisenko, A.A. *see* Pravda, V.I. 19083
Borisenko, A.A. *see* Pravda, V.I. 20124
Borisenko, A.A. *see* Pravda, V.I. 21451
Borisenko, A.A. *see* Pravda, V.I. 42223
Borisov, A.N., Nikitin, A.S., Gainutdinov, I.S., Ivanov, V.A. High-reflectance mirrors with low losses for precision laser systems 44034
Borisov, A.N., Nikitin, A.S., Ivanov, V.A., Gainutdinov, I.S. Nonpolarizing highly reflecting mirrors and mirrors with controllable phase anisotropy for high-precision laser systems 12296
Borisov, A.V. *see* Pozhela, J. 43240
Borisov, L.A., Wang Shan, Gladun, V.V., Pirogov, Yu.A., Tishchenko, D.A., Fominova, E.I. The influence of bulk and surface recombination effects on the time lag in microwave optic control 42137
Borisov, R.K., Grigor'ev, O.A., Larionov, V.P. Methods of testing the immunity of lightning of on-board aircraft equipment 15964
Borisov, R.K., Grigoryev, O.A., Larionov, V.P. Methods for lightning-proof tests of airborne aircraft equipment 39244
Borisov, V.I., Zinchuk, V.M., Mukhin, N.P., Rudikov, N.A. Jamming immunity of demodulation algorithms of intrabit frequency-hopping/binary phase-shift keying [FH/BFSK]signals 45747
Borisov, Y.A., Kaminskas, A.I. Xeroradiography in flaw detection based on high-energy penetrating radiation 18355
Borisova, I.V., Popov, P.G. Edge detectors and spectral image factorization 21933
Borisova, M.E., Gallai, I.Ya., Koikov, S.N. Low-frequency dispersion of capacitance in polyethylene terephthalate film specimens 10530
Borisovets, B.A. Baikal Neutrino Telescope: experience of large phototube QUASAR-370 application 46943
Borjak, A.M., Davis, L.E. Mode 1 and mode 2 designs for 94-GHz microstrip circulators 1467
Borjak, A.M., Davis, L.E. On planar Y-ring circulators 42161
Borjeson, H., Bergljung, C., Olsson, L.G. Fading characteristics in outdoor microcell at 1700 MHz 36191
Bork, D.L. *see* Rushnok, A.J. 39560
Borka, J., Lupan, K., Szamel, L. Control aspects of switched reluctance motor drives 17490
Borka, J. *see* Bausz, I. 17489
Borka, J. *see* Horvath, M. 17637
Borkova, A. *see* Stursa, J. 15406
Borkowicz, N. *see* Meir, D.S. 330
Borkowicz, Z. *see* Rangelow, I.W. 28038
Borkowska, R., Laskowski, J., Plocharski, J., Przyluski, J., Wieczorek, W. Performance of acrylate-poly(ethylene oxide) polymer electrolytes in lithium batteries 8735
Borkowska-Banas, I. *see* Lesniewska, E. 47927
Borland, J.O. Silicon epitaxial equipment and processing advances for bipolar base technology 11294
Borland, J.O., Koelsch, R. MeV implantation technology: next-generation manufacturing with current-generation equipment 27664
Borland, J.O., Riggi, C., Brocious, F. Silicon surface cleaning for low temperature epitaxial growth 34703
Borland, N. *see* Scofield, J.H. 19815
Borley, S.J., Salik, M.D., Ascham, S.R., Thorley, A., Leilabady, P. Field trial of a 622 Mbit/s CPFSK coherent system with optical fibre amplifier transmitter power booster 38113
Borlich, R.L. When 'least-cost ' is wrong 39552
Borlinghaus, H. Security services in nuclear installations 32581
Borlino, M.Cappio *see* Cappio Borlino, M.
Borman, V.D., Gusev, E.P., Lebedinski, Yu.Yu., Troyan, V.I. Mechanism of submonolayer oxide formation on silicon surfaces upon thermal oxidation 42725
Bormann, A. *see* Burnett, D. 34075
Born, C. *see* Persch, G.. 28367
Born, C. *see* Persch, G. 41518
Born, E.A.van den *see* van den Born, E.A.
Bornemann, J. Rigorous hybrid-mode analysis of MMIC coplanar lines including conductor backing and via holes 10480
Bornemann, J. Computer-aided design of multilayered dielectric frequency-selective surfaces for circularly polarized millimeter-wave applications 34233
Bornemann, J. *see* Cai, Z. 1454
Bornemann, J. *see* Labay, V.A. 5642
Bornemann, J. *see* Sieverding, T. 1435
Bornemann, J. *see* Uher, J. 17756
Bornemann, J. *see* Zhenglian Cai 44582
Bornside, D.E., Kinney, T.A., Brown, R.A. Minimization of thermoelastic stresses in Czochralski grown silicon 652
Bornside, D.E. *see* Zhou, W. 41231
Borodenko, E.I., Veriyaskin, V.V., Yavdak, Yu.K. On a quantitative estimation of the structural complexity of data computing networks 30511
Borodenko, Yu.A. *see* Burachas, S.F. 31768
Borodin, A. Towards a better understanding of pure packet routing 30185
Borodin, B.G. *see* Gordienko, Y.E. 29242
Borodin, S.N. *see* Bazarov, G.P. 48146
Borodina, T. *see* Akopov, F.A. 25797
Borodulin, M.Yu. The accuracy of multistep numerical integration methods in the calculation of transients in circuits 9873
Borodulin, M.Yu. Application of Richardson's extrapolation in numerical modelling of electrical network dynamics 24591
Borodulin, M.Yu. Accelerating change-over of a bridge converter from an inverter regime of operation to a rectifier regime and conversely 32913
Borodulina, L.K., Vakser, N.M., Vitkovskii, I.V., Lavrent'eva, M.Yu., Murav'eva, T.N. Influence of the production technology on the turn-insulation characteristics of heat-resistant windings 40078
Boronin, V.N., Chechurin, V.L. Hybrid computer for the analysis of electromagnetic field 44237
Boros, T. *see* Eross, G. 1364
Boroson, D.M. An overview of Lincoln Laboratory development of lasercom technologies for space 6038
Boroson, D.M. LITE engineering model. I. Operation and performance of the communications and beam-control subsystems 6042
Boroson, D.M., McKenzie, P.F. A simple exact method for generating continuous phase modulated signals 21490
Borovikhin, E.A., Korotaev, I.A. Performance analysis and HDLC protocol optimization 13882
Borovikov, V.A. Diffraction at a cone with arbitrary cross-section 44319
Borovsky, K. *see* Willson, R. 32701
Borowska-Banas, I. *see* Lesniewska, E. 47560
Borowski, S.K., Alexander, S.W. 'Fast track' lunar NTR systems assessment for NASA's First Lunar Outpost and its evolvability to Mars 7559
Borozdin, S.N. *see* Petrovskii, G.T. 20238
Borrall, J.M.Paez *see* Paez Borrall, J.M.
Borras, J.Ma. RDS: a radio information service 6184
Borras, R., Aloisi, P., Shumate, D. Avalanche capability of today's power semiconductors 2390
Borrego, J.M. *see* Bhimnathwala, H. 46571
Borrego, J.M. *see* Garrison, D.P. 1022
Borrego, J.M. *see* Liu, W.-T. 26185
Borrelli, N.F. *see* Newhouse, M.A. 43796
Borrelli, P.J., Ballentine, P.H., Kadin, A.M. Compositional and structural properties of sputtered PLZT thin films 11370
Borrero, A.M. Computer-aided digital design based on programmable logic devices (PLDs) 26852
Borrero, A.M. New architectures for programmable logic devices (PLDs) 26910
Borrero, A.M. The design and construction of a CPU with programmable logic devices 26986
Borroni, L. Ball and roller bearings for electrical machines 8305
Borroni, L. Ball and roller bearings for rotating electrical machines. VII 8306
Borsch, H., Jannakos, I., Kruck, K., Sauer, M., Schmitz, J., Schneider, H., Schwarz, U., Schalt, W., Veiders, E. Operating of the magnet power converters for the cooler synchrotron COSY-Julich 15552
Borschensky, V.V., Brinkevich, D.I., Petrov, V.V., Prosolovch, V.S. Monocrystal dislocationless Si:Ge, grown from the melt with Gd impurity 9508
Borschensky, V.V., Brinkevich, D.I., Petrov, V.V., Prosolovch, V.S. Monocrystal dislocationless Si:Ge, grown from the melt with Gd impurity 18135
Borselli, L. *see* Maci, S. 21411
Borselli, L. *see* Maci, S. 29307
Borshch, A.A., Volkov, V.I., Gayvoronsky, V.Ya. Transverse optical bistability switching dynamics of self-focusing counter-propagating light beams in nonlinear medium 3845
Borshchan, V.S., Rezvov, Yu.G., Sivkova, O.D. Manufacturing a surface-sound-wave transducer 2744
Borshchevsky, A., Fleurial, J.-P. Ru_3Ge_3: crystal growth and some properties 41240
Borsi, H. The relation between thermal and electrical stress and the PD behavior of epoxy-resin transformers 40282
Borsting, H., Knudsen, M., Rasmussen, H., Vadstrup, P. Estimation of mechanical signals in induction motors using the recursive prediction error method 16835
Bortels, G. *see* Steinbauer, E. 38839
Borth, D.E. *see* Rasky, P.D. 45805
Borthwick, D. *see* Richards, B. 45741
Borthwick, I. *see* Lane, P. 16648
Borthwick, W.K.D. *see* McBride, R. 15257
Bortkevich, A.V. *see* Bermas, T.B. 43752
Bortnik, I.M. Some electrophysical problems in electrical energy transmission 24895
Bortnikov, V.V., Voznyuk, M.A., Onishchenko, Yu.Zh. Generalized noise stability criterion for quasi-coherent reception of digital messages in randomized radio links 4630
Bortoli, L.De *see* De Bortoli, L.
Borton, G.F. Seeds of change in CTI 45698
Bortone, A. *see* Cicinelli, E. 47094
Bortoni, G. *see* Counan, C. 25024
Bortz, M.L., Fujimura, M., Fejer, M.M. Increased acceptance bandwidth for quasi-phasematched second harmonic generation in $LiNbO_3$ waveguides 28957
Bortz, M.L. *see* Arie, A. 3811
Bortz, M.L. *see* Lodenkamper, R. 12381
Boru Feng *see* Long Que 2359
Borul'ko, V.F., Vasil'ev, A.B., Drobakhin, O.O., D'yakonova, O.A., Lebedeva, M.I. RIMCh-03 measuring and computing complex for multifrequency radio-wave nondestructive inspection 41541
Borynyak, L.A., Krasnopevtsev, E.A., Loginov, A.V. Methodical aspects of deformation investigation in panoramic interferometers 12439
Borynyak, L.A., Krasnopevtsev, E.A., Loginov, A.V., Shtygashev, A.A. Accuracy of determining displacements in holographic interferometers 12436
Borys, A. Chaos in a bed working under rapid fluidization regime 13402
Borys, A., Wojtyna, R. RC oscillators with oscillation frequency independent of the op.-amp. gain-bandwidth product 10002
Borzdov, V.M., Zhevnyak, O.G., Shirokov, A.M. Effect of quantization of the electro energy spectrum on electron heating in the *n*-channel of a silicon submicron MOS field-effect transistor 34491
Borzemski, L., Gajewski, D., Glowacz, S., Szczypinski, M., Wojtczak, K. A load balancing system for Unix-based local area networks 22571
Borzenko, T.B., Koval, Y.I., Kudryashov, V.A. Ion beam etching mechanism of PMMA based resists by noble gas ions 27752
Borzenko, T.B. *see* Kudryashov, V.A. 28044
Bos, J.N.E., Chaum, D. Provably unforgeable signatures 21525
Bos, T. *see* Morgan, D.V. 11865
Bosacchi, A. *see* Bocchi, C. 694
Bosacchi, B., Masaki, I. Application of fuzzy logic technology (FLT) to the intelligent vehicle-highway system (IVHS) 40637
Bosc, D., Toinen, C. Tensile mechanical properties and reduced internal stresses of polymer optical fiber 35337
Boscand, C. *see* Allen, C. 7383
Bosch, B.G. *see* Schreiber, H.-U. 18582
Bosch, D., Heimhofer, B., Muck, G., Seidel, H., Thumser, U., Welser, W. A silicon microvalve with combined electromagnetic/electrostatic actuation 8725
Bosch, F. *see* Franzke, B. 15382
Bosch, F. *see* Steck, M. 7061
bosch, G.Van den *see* Van den bosch, G.
Bosch, J. A charge and energy study of the track response of Lexan 38902
Bosch, J. *see* Lopez-Villegas, J.M. 1905
Bosch, L.F.M.ten *see* ten Bosch, L.F.M.
Bosch, P.P.J.van den *see* van den Bosch, P.P.J.
Bosch, R. *see* Haydl, W.H. 27260
Bosch, R. *see* Thiede, A. 27025
Bosch, R. *see* Thiede, A. 33996
Boscher, G. *see* Finzel, L. 5919
Boscher, G. *see* Loch, M. 14588
Boscher, G. *see* Loch, M. 38027
Boschet, C. *see* Tanne, G. 1445
Boschung, M. *see* Aroua, A. 32001
Bosco, H. AT&T's strategy for ATM implementation 14329
Bosco, P.G., Faraci, F. Advanced intelligent network service laboratory 37622
Boscolo, I. The electronic test of the onion Cockcroft-Walton [accelerator] 46713
Boscolo, I., Fabbri, I. A tunable Bragg cavity for an efficient millimeter FEL driven by electrostatic accelerators 3706
Boscolo, I., Jianming, G., Radaelli, P., Variale, V. A powerful and efficient multibeam microwave FEL amplifier 43699
Boscolo, I., Roche, M. FELTRON, a microwave source for high gradient TeV collider 15322
Boscovic, D.M., van den Heuvel, A.P. The interference reduction and spectrum efficiency benefits of power control in future PMR systems 22890
Bose, A. Parallel processing in dynamic simulation of power systems 39475
Bose, A. *see* Castro, C.A. 24688

Bose, A. *see* La Scala, M. 7753
Bose, B., Johnson, S.D., Pullela, S. Integrating Boolean verification with formal derivation 1172
Bose, B. *see* Al-Bassam, S. 21517
Bose, B. *see* Al-Bassam, S. 44685
Bose, B.K. Variable frequency drives—technology and applications 17476
Bose, B.K. Power electronics and motion control—technology status and recent trends 33089
Bose, B.K. *see* Sousa, G.C.D. 40548
Bose, C.B., Lord, H.A. Neural network models in wafer fabrication 26426
Bose, D. *see* Schuster, H. 47702
Bose, N.K. Argument conditions for Hurwitz and Schur polynomials from network theory 41036
Bose, N.K. *see* Jongtae Chun 36655
Bose, S., Agrawal, P., Agrawal, V.D. The optimistic update theorem for path delay testing in sequential circuits 1147
Bose, S., Agrawal, P., Agrawal, V.D. Path delay fault simulation of sequential circuits 33982
Bose, S., Saha, R. Finding concurrencies in three layer channel routing algorithm for its parallel operation in SIMD CRCW model 26575
Bose, S. *see* Mukhopadhyay, S.C. 40154
Bose, S. *see* Mukhopadhyay, S.C. 40160
Bose, S. *see* Sharma, S.N. 27468
Bose, S.K., Biswas, K.K., Gupta, S.K. Use of symmetry in index based feature invariant shape recognition 13738
Bose, S.K. *see* Dasgupta, R. 35225
Bose, T. *see* Kyung Joo 13170
Bose, T.K. *see* Courteau, R. 43193
Boseck, S. Imaging properties of SAM 24527
Boseck, S. *see* Yu, Z. 47312
Bosen Qian Multiple window function 1206
Bosenberg, W.R., Guyer, D.R. Broadly tunable, single-frequency optical parametric frequency-conversion system 3849
Bosetti, M. *see* Borchi, E. 7251
Bosetti, P. *see* Grajew, G. 37613
Boshoff, H.F.V. A fast box counting algorithm for determining the fractal dimension of sampled continuous functions 13163
Bosi, F. *see* Autiero, D. 15629
Bosik, L.V., Bun, R.A. Single-step approach using generalised differentiation formulae with back differences for solving sets of linear differential equations of higher orders 41188
Bosik, S.B. *see* Mikhailova, E.D. 48491
Bosio, C., Krammer, M., Kurchaninov, L., Lenhard, R., Maurelli, G., Mikulec, I., Pernicka, M., Pinak, M., Povinec, P., Regler, M., Schuster, M., Smadja, G., Spiriti, E., Tesar, L., Vanko, J. Investigation of static characteristics of large area silicon strip detectors 15618
Bosio, F. *see* Natowicz, R. 45088
Bosisio, L. *see* Dierickx, B. 24001
Bosisio, R. *see* Xu, Y. 15167
Bosisio, R.G. *see* Bergeault, E. 23860
Bosisio, R.G. *see* Ghannouchi, F.M. 42155
Bosisio, R.G. *see* Ke Wu 44596
Bosisio, R.G. *see* Kouki, A.B. 34211
Bosisio, R.G. *see* Ongareau, B. 11238
Bosisio, R.G. *see* Wu, K. 1458
Boskma, L. Overview of electro-optical systems for scintillating fiber read-out 24113
Boskma, L. *see* Arnaudon, H. 46878
Boskovic, A. *see* Noske, D.U. 3562
Bosland, P., Guemas, F., Juillard, M., Couach, M., Khoder, A.F. NbTiN superconducting thin films prepared by magnetron sputtering 9775
Bosland, P. *see* Bernard, Ph. 15504
Bosley, L.M. Data sheets provide clues for optimizing selection of SMPS ferrite core material 1047
Bosman, F., Hoogenboom, J., Walpot, G. An interactive video test for pharmaceutical chemist's assistants 14831
Bosman, G. *see* Min-Yih Luo 43031
Bosman, G. *see* Wang, D. 15018
Boss, G., Decker, E. Pilot program for least-cost planning of electric power generating capacity 47622
Boss, P. *see* Fuhr, J. 40283
Boss, R.D., Jacobs, E.W. Archetype classification in an iterated transformation image compression algorithm 45177
Bossalini, L. *see* Fontana, F. 35740
Bossard, J.-L. Emergency preparedness and response plan for the French nuclear power plants 39812
Bossart, R., Godot, J.C., Kugler, H., Madsen, J.H.B., Riche, A., Strode, J. RF-gun construction, tuning and high power tests 7139
Bossart, R., Godot, J.C., Lutgert, S., Riche, A. Modular electron gun consisting of two RF sections and an intermediate focusing solenoid 38811
Bossche, A.P.M.Van Den *see* Van Den Bossche, A.P.M.
Bossche, P.Van den *see* Van den Bossche, P.
Bosscher, W.De *see* De Bosscher, W.
Bosse, E. *see* Imbeau, R. 21261
Bosse, H., Kruger, R., Lohr, W., Ludicke, F. Surface simulator for dynamic calibration of displacement transducers 31209
Bosse, H., Ludicke, F., Reimann, H. An intercomparison on roundness and form measurement 46633
Bosse, M.P. *see* de Romemont, O. 22451
Bosseboeuf, A., Kianfar, S., Meyer, F. Nitridation kinetics of tungsten films at low temperature with reactive neutrals generated from a N_2 multipolar discharge 19548
Bossel, U.G. Comparative evaluation of the performance potentials of ten prominent SOFC configurations 17312
Bosselaar, L. *see* van der Mark, M.B. 35404
Bosselaers, A., Govaerts, R., Vandewalle, J. Cryptography within phase I of the EEC-RACE programme 22650
Bosselaers, A. *see* Daemen, J. 12897
Bosselaers, A. *see* den Boer, B. 29499
Bossen, D.C. *see* Chen, C.L. 17830
Bosser, J., Chanel, M., Ley, R., Tranquille, G. Variable energy electron cooling at LEAR 7067
Bosser, J. *see* Asseo, E. 15383
Bosser, T. The business case for ATM 37273
Bossert, R. *see* Wake, M. 15366
Bosshard, C., Mamyshev, P.V., Stegeman, G.I. All-optical steering of dark spatial soliton arrays and the beams guided by them 28979
Bosshard, C. *see* Otomo, A. 21002
Bosshard, Ch. *see* Kupfer, M. 12351
Bossi, D.E. *see* Ade, R.W. 6018
Bossi, O. The technology evolution promoted by the electric-car races 48424
Bossio, R.A. Combined-cycle plants can challenge feedwater control 47784
Bossler, J. *see* Angert, N. 6905
Bossmeyer, T.M., Hansknecktt, D.J., Konig, D Time-frequency analysis of knock in spark ignition engines 21875
Bostak, C.J., Kolseth, C.S., Smith, K.G. Concurrent signal generator engineering and manufacturing 17814
Bostak, J.S. *see* Van Der Weide, D.W. 44586
Bostanjoglo, G. *see* Hodgson, N. 12274
Bostanjoglo, O. *see* Schafer, B. 31495
Bosterling, W., Ludwig, H., Schulze, G., Tscharn, M. Modern power semiconductors in rectifier technology 26695
Bostian, C.W. *see* Blackard, K.L. 4102
Bostian, C.W. *see* Russell, T.A. 37865
Bostic, B. New life for passive matrix LCDs 31363
Bostic, S. *see* Gupta, V. 41216
Bostica, B. *see* Cinato, P. 46022
Bostjancic, B. *see* Adam, W. 7259
Bostjancic, B. *see* Adam, W. 31715
Bostock, G. Working with programmable logic 10107
Bostock, G. Working with programmable logic. 2. Sequential logic 18593
Bostock, G. Working with programmable logic. 3. Generic and gate array logic 33961
Bostrup, G.L. *see* Kozlowski, L.J. 46502
Bosveld, F., Lagendijk, R.L., Biemond, J. Compatible HDTV distribution using fixed distortion subband coding 31021
Boswell, C. *see* Amidei, D. 46890
Boswell, C. *see* Tkaczyk, S. 46989
Boswell, M., Tawney, R., Narula, R. Choose best option for enhancing combined-cycle output 25234
Bosworth, B. *see* Chang, W. 46113
Bot, P.G.M.de *see* de Bot, P.G.M.
Bota, S.A., Morante, J.R., Baraban, A.P., Bulavinov, V.V., Konorov, P.P. Characterization of the degradation processes in SiO_2-Si structure by means of electrolyte-insulating-semiconductor systems 34628
Bote, P.R. *see* Nandagawe, J.K. 3324
Boteler, D.H. Geomagnetically induced currents: present knowledge and future research 47350
Botez, D., Jansen, M., Zmudzinski, C., Mawst, L.J., Hayashida, P., Tu, C., Nabiev, R.F. Flat-phasefront fanout-type power amplifier employing resonant-optical-waveguide structures 11643
Botez, D. *see* Gu, C. 20366
Botez, D. *see* Mar, A. 43914
Botez, D. *see* Mawst, L.J. 20823
Botez, D. *see* Nabiev, R.F. 3778
Botez, D. *see* Nabiev, R.F. 20822
Botez, D. *see* Ramanujan, S. 35767
Botez, D. *see* Zmudzinski, C. 20821
Botha, B.M.M. Broken rotor bars 16871
Botha, E., McNamara, D.A. On the direct synthesis of high-directivity tapered-side-lobe planar arrays with circular boundaries 4317
Botha, E., McNamara, D.A. Conformal array synthesis using alternating projections, with maximal likelihood estimation used in one of the projection operators 12769
Botha, E., McNamara, D.A. A contoured beam synthesis technique for planar antenna arrays with quadrantal and centro-symmetry 29385
Botha, E.C. *see* Spoelstra, J. 14696
Botha, J.R., Leitch, A.W.R. Photoluminescence of hydrogenated GaAs/AlGaAs quantum wells grown by metalorganic vapor phase epitaxy 10821
Botha, L. *see* Fouche, L. 12942
Botha, L. *see* McNamara, D.A. 21416
Botham, C.P. *see* Chng, R.S.K. 14617
Botham, C.P. *see* Johnson, D. 5365
Bothe, V. *see* Martorossian, G.A. 15553
Bothe, W. *see* Balewski, K. 46775
Bothwell, M. Space Infrared Telescope Facility focal plane array technologies—an update 23632
Botlo, M., Zalewski, J. Real-time expert systems benchmark for use in data acquisition 46321
Botlo, M. *see* Chung-Ching Wang 46325
Botlo, M. *see* Wang, E.M. 24104
Botma, H., Peters, P.J.M., Witteman, W.J. Saturation studies of the E-beam sustained discharge atomic xenon laser 28707
Botman, J.I.M. *see* Boling Xi 15556
Botman, J.I.M. *see* Kleeven, W.J.G.M. 7057
Botman, J.I.M. *see* Webers, G.A. 15537
Botner, O. *see* Adam, W. 7259
Botner, O. *see* Adam, W. 31715
Botner, O. *see* Adam, W. 46929
Botre, C. *see* Botre, F. 6611
Botre, F., Botre, C., Lorenti, G., Mazzei, F., Porcelli, F., Scibona, G. Plant tissue biosensors for the determination of biogenic diamines and of their amino acid precursors: effect of carbonic anhydrase 6611
Botros, N., Zakhem, W. FFT processor using field programmable gate arrays 18783
Botros, N. *see* Zatari, D. 16092
Botta, A. Regularity and structure 4593
Botta, F. *see* Marchetti, S. 3450
Bottaci, L. *see* Arslan, T.S. 10559
Bottalico, S. *see* D'Addio, E. 46080
Bottaro, G. Towards a new architectural model for steel industry information systems 30454
Bottauscio, O., Crotti, G., Farina, G. Numerical analysis of heating transient of electric contacts under short-circuit conditions 19183
Bottcher, A., Dippold, M. The capture effect in multiaccess communications—the Rayleigh and landmobile satellite channels 14498
Bottcher, A., Jahn, A., Lutz, E., Werner, M. Analysis of basic system parameters of communication networks based on low earth orbit satellites 45895
Bottcher, A., Meier-Hedde, C. Static and dynamic retransmission control for slotted ALOHA in transmission channels with erasure and capture 5190
Bottcher, C., Strayer, M.R., Werby, M.F. Classical scattering theory of waves from the view point of an eigenvalue problem and application to target identification 23225
Bottcher, E.H. *see* Hieronymi, F. 20567
Bottcher, E.H. *see* Schade, U. 38515
Bottcher, H. *see* Barber, D.P. 31578
Bottcher, H. *see* Hertel, D. 38724
Bottcher, J. *see* Kunzel, H. 9639
Bottcher, J. *see* Kunzel, H. 18187
Bottcher, K. *see* Stammnitz, P. 38286
Bottcher, M. *see* Bauch, L. 2311
Bottcher, M. *see* Bauch, L. 2356
Botteldooren, D. A new acoustical mass meter: simulation results 38722
Bottenberg, L. *see* Raanes, C.A. 6572
Botterbusch, R.D. *see* Edmunson, S.A. 39179
Botti, E. *see* Brasca, G. 9979
Bottiger, U. *see* Grassmann, A. 28014
Bottiger, U. *see* Reuhman-Huisken, M. 28015
Bottigli, U. *see* Alfano, B. 15724
Bottigli, U. *see* Bandettini, A. 15723
Bottigli, U. *see* Bencivelli, W. 31729
Bottini, R. *see* Bruni, M. 42400
Bottner, H. *see* Fach, A. 38555
Bottner, H. *see* Ishida, A. 20904
Bottomley, E. *see* Bromley, R.C. 39158
Bottoni, P., Mussio, P., Protti, M. Metareasoning in the determination of image interpretation strategies 29976
Bottreau, A.M., Merzouki, A. Broadband measurement method using the admittance change between two standards: interpretations of measurements and applications 23851
Bottura, C.P. *see* Silvino, J.L. 40221
Botvich, D.D., Zamyatin, A.A. Ergodicity properties of queueing networks with group arrivals and group service 45321
Botzler, P. *see* Vollmar, H.-P. 35563
Bou Saada, J. *see* Claessens, P. 17541
Bou-Rabee, M. *see* Sutanto, D. 7712
Bouard, D.de *see* de Bouard, D.
Bouayad-Amine, J. *see* Haisch, H. 12164
Bouazza-Marouf, K. *see* Girach, K. 14570
Boubekeur, A., Patry, J.L., Slimane-Kadi, M., Saucier, G., Trilhe, J. A real experience on configuring a wafer scale 2D array of monobit processors 18775
Boucaud, P. *see* Regolini, J.L. 9556
Bouchara, D. *see* Haidoux, A. 9567
Bouchard, D., Chikhani, A., John, V.I., Salama, M.M.A. Applications of Hopfield neural networks to distribution feeder reconfiguration 16182
Bouchard, F., Manring, W.A. Simulations of metallization uniformity from large planar sputtering targets 19672
Bouchard, H. *see* Ivanov, D. 46402
Bouchard, J. *see* Masse, D. 38841
Bouchard, J.G., Beesley, M.J., Farrington, D.C.F. Acoustic diagnostics in process plant: application of pattern recognition techniques 46696
Bouchard, M. *see* Harvey, E. 9499
Bouchard, M.G., Payne, P.A., Szyszko, S. Neural networks for acoustic process monitoring 13474

Bouchard, P., Gagne, R.R.J., Lavoie, J.-J. Transients on lossless exponential transmission lines using Allen's method 18445
Bouchard, R.J. *see* Walker, A.T. 19153
Bouchaud, J.-P. *see* Ladieu, F. 1900
Bouchaya, G. *see* Negahban, M. 26758
Bouche, D. *see* Ling, H. 21216
Bouche, D.P., Molinet, F.A., Mittra, R. Asymptotic and hybrid techniques for electromagnetic scattering 30892
Boucher, D. *see* Dubus, B. 47305
Boucher, J. *see* Sahli, S. 35792
Boucher, R. *see* Tetu, M. 6033
Boucheret, M.-L., Mortensen, I., Favaro, H., Belis, E. A new algorithm for nonlinear estimation of PSK-modulated carrier phase 21494
Boucherie, R.J., van Dijk, N.M. Local balance in queueing networks with positive and negative customers 26279
Boucherok, F., Vial, J.-F. Compatible multi-resolution coding scheme 31013
Boucherok, F. *see* Kessler, D. 38295
Bouchet, A. Circle graph obstructions 41070
Bouchoule, S., Stelmakh, N., Cavelier, M., Lourtioz, J.-M. Highly attenuating external cavity for picosecond-tunable pulse generation from gain/*Q*-switched laser diodes 12155
Bouchut, P., Destefanis, G., Million, A., Colin, T., Bablet, J. Low threshold injection laser in HgCdTe 12207
Boudart, B. *see* Westphalen, R. 19740
Boudec, P.Le *see* Le Boudec, P.
Boudiaf, A. *see* Chertouk, M. 35031
Boudinov, H. *see* de Souza, J.P. 19522
Boudour, A. *see* da Fonseca, R.J.M. 18327
Boudreau, M., Boumerzoug, M., Kruzelecky, R.V., Mascher, P., Jessop, P.E., Thompson, D.A. Electron cyclotron resonance CVD of silicon oxynitride for optoelectronic applications 26490
Boudreaux-Bartels, G.F. *see* Cohen, F.S. 21713
Boudreaux-Bartels, G.F. *see* Kadambe, S. 31950
Boudreaux-Bartels, G.F. *see* Papandreou, A. 13304
Boudreaux-Bartels, G.F. *see* Papandreou, A. 44973
Boudriot, H., Siegel, W., Deus, K., Buhrig, W. Compensation in GaAs:Si in correlation to As pressure during the crystal growth 33583
Boudry, J. *see* Yorkston, J. 31321
Boudry, J.M., Antonuk, L.E. Current-noise-power-spectra for amorphous silicon photodiode sensors 31302
Boudy, J. *see* Blanchet, M. 13124
Bouecke, R., Schwarz, T. Siemens/KWU steam generators for reliable operation 39887
Bougeret, J.L. *see* Maroulis, D. 31149
Boughaba, S., Auvert, G., Pauleau, Y. Growth kinetics of micrometer-size silicon lines produced by decomposition of silane using a laser direct-writing technique 41458
Boughn, D.W. *see* Arias, J.L. 40625
Bougrenet de la Tocnaye, J.L.de *see* de Bougrenet de la Tocnaye, J.L.
Bouguila, N., Coelho, R., Navarre, D. Electrostatic painting of insulating surfaces 4010
Bouidene, A. *see* Martin, L. 5747
Bouidene, A. *see* Martin, L. 14383
Bouillard, J.X. *see* Petrick, M. 25907
Bouillot, J. *see* Rosso, C. 3105
Bouillot, J. *see* Rosso, C. 28475
Bouissou, S., Piriou, F. Coupling of electric and magnetic equations in electromagnetic devices with finite element method 44259
Bouissou, S., Piriou, F., Therond, P.G. Numerical simulation of synchronous generator on steady state 8316
Boukebeche, M. *see* Bettaz, M. 13911
Boukir, S., Bouthemy, P., Chaumette, F., Juvin, D. Real-time segment follow-up in an active vision context 22285
Boulaire, J.Y., Bauduin, B., Lelievre, A. Field components reliability analysis for French telecommunications equipment 5263
Boulanger, A. *see* Farenc, J. 31265
Boulanger, J.-S. *see* Douglas, R.J. 23376
Boulanger, P., Godin, G. Multiresolution segmentation of range images based on Bayesian decision theory 30030
Boulanger, P., Sekita, I. Automatic extraction of complex surface models from range images using a trimmed-rational Bezier surface 29750
Bouldin, D. *see* Takla, M. 18568
Bouldin, D.W. *see* Clonts, L.G. 18812
Bouldin, D.W. *see* Takla, M.B. 41585
Boulianne, G., Kenny, P., Lennig, M., O'Shaughnessy, D., Mermelstein, P. Books on tape as training data for continuous speech recognition 29561
Boulianne, G. *see* Kenny, P. 29560
Boulon, G. *see* Brenier, A. 28797
Boulon, G. *see* Kaminskii, A.A. 43761
Boulos, M.I. *see* Sakuta, T. 9810
Bouloutas, A.T. *see* Hart, G.W. 21464
Bouma, W. *see* Combes, P. 37617
Bouman, C. *see* Kolpatzik, B.W. 38629
Bouman, C.A. *see* Balasubramanian, R. 36881
Bouman, C.A. *see* Balasubramanian, R. 36947
Bouman, C.A. *see* Flohr, T.J. 22086
Bouman, C.A. *see* Tretter, D. 30098
Boumerzoug, M. *see* Boudreau, M. 26490
Boumerzoug, M. *see* Pang, Z. 26503
Bounaceur, M. *see* Bradley, K.J. 8809
Bounasri, F., Moisan, M., Sauve, G., Pelletier, J. Influence of the frequency of a periodic biasing voltage upon the etching of polymers 2128
Bounds, C.O. *see* Li, L. 43325
Bounds, J.A. *see* MacArthur, D.W. 24002
Bountis, T., Kollmann, M. Diffusion rates in a 4-dimensional mapping model of accelerator dynamics 31593
Bountis, T.C., Drossos, L.B., Lakshmanan, M., Parthasarathy, S. On the non-integrability of a family of Duffing-van der Pol oscillators 10014
Bouquin, R.Le *see* Le Bouquin, R.
Bour, D.B. *see* Cooper, D.E. 24220
Bour, D.P., Treat, D.W., Beernink, K.J., Krusor, B.S., Geels, R.S., Welch, D.F. 610-nm band AlGaInP single quantum well laser diode 43922
Bour, D.P., Treat, D.W., Beernink, K.J., Thornton, R.L. Infra-red AlGaAs and visible AlGaInP laser-diode stack 3669
Bouras, B., Bazzi, O., Torguet, R. Hybrid acousto-opto-electronic correlator for rapid acquisition and tracking of GPS codes 11716
Bouras, D.P., Mathiopoulos, P.T., Makrakis, D. Optimal detection of coded differentially encoded QAM and PSK signals with diversity reception in correlated fast Rician fading channels 4365
Bourassa, S., Fontaine, P., Shahbazian, E., Simard, M.-A. Comparison of different parallel filtering techniques 29627
Bourassa, S. *see* Shahbazian, E. 4754
Bourat, C. *see* Girault, P. 15393
Bourbakis, N. *see* Moghaddamzadeh, A. 436
Bourbakis, N. *see* Tariq, W. 6369
Bourbakis, N.G., Mertoguno, J.S. An autonomous neuromorphic image understanding system using graph representation: lower-level design 4910
Bourdarios, C. *see* Adam, W. 46929
Bourdet, G. *see* Lescroart, G. 20613
Bourdier, A. *see* Bazylev, V.A. 20927
Bourdillon, A. *see* Gurvitch, M. 35270
Bourdon, A. *see* Stanwood, K. 31143
Bourdon, F. *see* Guillotel, P. 30983
Bourdon, F. *see* Guillotel, P. 46219
Bourdon, J.C. *see* Glotin, F. 7019
Bourdon, W., Morz, G., Muller, G. Modern directional radio technique in information networks 5750
Bourdoucen, H. *see* Ouadi, A. 27125
Bouregba, R., Vanbesien, O., Mounaix, P., Lippens, D., Palmateer, L., Pernot, J.C., Beaudin, G., Encrenaz, P., Bockenhoff, E., Nagle, J., Bois, P., Chevoir, F., Vinter, B. Resonant tunneling diodes as sources for millimeter and submillimeter wavelengths 34258
Bourel, P. *see* Baudry, L. 19384
Bourel, P. *see* Thobel, J.L. 19383
Bourennane, E., Paindavoine, M., Truchetet, F. An improvement of Canny-Deriche filter for ramp edge detection 45063
Bourg, A. Batteries for electric vehicle—general perspectives 48413
Bourg, F. *see* Melin, G. 15579
Bourgarel, M.-P. *see* Amendola, G. 15300
Bourgarel, M.P. *see* Sortais, P. 15591
Bourgart, F. *see* Abiven, J. 14599
Bourgault, Y., Caussignac, P., Renggli, L. Finite element methods for parabolized Navier-Stokes equations 26381
Bourgeois, Ph. *see* Aleksan, R. 31759
Bourgeois, Ph. *see* Aleksan, R. 46903
Bourgin, F., Testud, G., Heilbronn, B., Verseille, J. Present practices and trends on the French power system to prevent voltage collapse 24686
Bourgoin, J.C. *see* Garcia, J.Ch. 747
Bourgoin, J.C. *see* Maaref, H. 11817
Bourgrenet De La Tocnaye, J.L.De *see* De Bourgrenet De La Tocnaye, J.L.
Bourianoff, G., Cole, B., Long Chang Application of MPP to particle tracking 46703
Bourianoff, G., Hunt, S., Mathieson, D., Pilat, F., Talman, R., Morpurgo, G. Determination of coupled-lattice properties using turn-by-turn data [particle accelerators] 38776
Bouriel, A. *see* Bouville, C. 31050
Bourin, J.-M. *see* Houze, F. 42764
Bourkoff, E. *see* Zhao, W. 6554
Bourlard, H. Continuous speech recognition: from hidden Markov models to neural network 13094
Bourlard, H., Morgan, N. Continuous speech recognition by connectionist statistical methods 44770
Bourlard, H. *see* Morgan, N. 21671
Bourlard, H. *see* Renals, S. 36621
Bourles, H. *see* Irving, E. 39810
Bourne, C., Ball, R. A hybrid battery powered drivetrain for a high performance electric vehicle 17569
Bourne, D. *see* Chubb, J.N. 36110
Bourne, L.C. *see* Fenzi, N.O. 1577
Bourque, K., Ligh, S. Matrices associated with classes of arithmetical functions 18035
Bourret, A. *see* Brizard, C. 19536
Bourret, D. *see* Hoarau, C. 3051
Bourret, E.D. *see* Kin Man Yu 34519
Boursas, A. *see* Smirnov, N. 14940
Bousetta, A. *see* Ming Lu 41400
Bousquet, J., Bringer, B., Decroix, J. Fastcom: digital microstations 22931
Bousquet, M. *see* Sawaya, W. 21606
Bousse, L., Mostarshed, S., van der Schoot, B., de Rooij, N.F. Comparison of the hysteresis of Ta_2O_5 and Si_3N_4 pH-sensing insulators 23559
Bousselet, P. *see* Clesca, B. 14645
Bousselet, P. *see* Gautheron, O. 30854
Bousselet, P. *see* Riant, I. 35717
Bout, D.A., Kovalev, L.K., Koneev, S.M.A., Tsarkov, V.D. Faraday MHD generators with console electrodes 25722
Bout, D.E.Van den *see* Van den Bout, D.E.
Boutaba, R. A methodology for structuring management of networked systems 14046
Boutaba, R., Folliot, B. Program and file allocation algorithm for large scale distributed systems 45554
Boutaba, R., Folliot, B., Sens, P. Efficient resources management in local area networks 14039
Boutalis, Y. *see* Sukissian, L. 45147
Boutalis, Y.S. *see* Bakamidis, S.G. 13416
Boutarek, N., Madar, R. The influence of germanium substitution on the phase stability of 3d transition metal disilicides 19413
Boutes, J.-P. *see* De Ridder, J.-J. 22827
Bouthemy, P. *see* Boukir, S. 22285
Bouthemy, P. *see* Heitz, F. 29882
Bouthemy, P. *see* Kervrann, C. 22286
Boutonnet, J. How are the SYBIC getting on? [synchronous dual-current locomotives] 40596
Boutonnet, J.-C. Electric all round-locomotive Class 26000 SYBIC of SNCF 48359
Boutros, Y.Z., Fiani, G.P., Looka, E.S. A systematic method for computing the minimum free distance of a convolutional code 4428
Boutros, Y.Z., Fiani, G.P., Looka, E.S. An efficient technique for detecting catastrophic convolutional codes 12907
Boutruche, B., Bordy, J.M., Barthe, J., Segur, P., Portal, G. A new concept of a high sensitivity tissue-equivalent proportional counter for individual neutron dosimetry 47141
Boutry, J.-M., Le Coz, D., Bruyant, J.-P. Instrumentation of the RAMSES airborne radar system 32036
Bouvier, A. *see* Bouvier, A.J. 12001
Bouvier, A.J., Bacis, R., Bouvier, A., Cerny, D., Churassy, S., Crozet, P., Nota, M. On the dissociation of molecular iodine by singlet molecular oxygen in the chemical oxygen iodine laser: spectroscopy and role of the lower excited states and two nonradiative reservoir states 12001
Bouvier, A.J., Bacis, R., Churassy, S., Coste, J.C., Crozet, P., Erba, B., Koffend, J.B., Lamrini, M., Ross, A.J., Russier, I. Chemiluminescence of the reaction of metastable oxygen with copper and comparison with the laser induced fluorescence of the $CuCl_2$ molecule 12013
Bouvier, S. *see* Thomas, S.L. 46987
Bouville, C., Bouriel, A., Brusq, R., Houlier, P. A real time testbed for MPEG-1 video compression 31050
Bouwen, W. *see* Belvaux, A. 25030
Bouwman, F., Oostdijk, S., Stans, R., Bennetts, B., Beenker, F. Macro testability; the results of production device applications 2626
Bouwstra, S., Legtenberg, R. Response of resonating microbridge mass flow sensor 46343
Bouwstra, S., van Rooijen, J., Tilmans, H.A.C., Selvakumar, A., Najafi, K. Thermal base drive for micromechanical resonators employing deep-diffusion bases 6389
Bouwstra, S. *see* Spiering, V.L. 17840
Bouwstra, S. *see* Spiering, V.L. 31206
Bouwstra, S. *see* Tilmans, H.A.C. 31202
Bouyer, J.-P. Spectral stabilization of an InGaAsP semiconductor laser by injection-locking 20882
Bouyer, J.P., Breant, C., Schanne, P. Injection-locking mechanisms in semiconductor lasers 3662
Bouysse, P., Nebus, J.-M., Coupat, J.-M., Villotte, J.-P. A novel, accurate load-pull setup allowing the characterization of highly mismatched power transistors 46589
Bouysse, P. *see* Coupat, J.M. 6750
Bouysse, P. *see* Coupat, J.M. 31108
Bouysse, P. *see* Duvanaud, C. 1515
Bouyssou, G. *see* Damakoa, I. 3704
Bouzekri, H., Meibody Tabar, F., Davat, B., Gosselin, O. Influence of current observers on the performances of a PMSM supplied by hysteresis current controlled VSI 16813
Bouzerdoum, A. *see* Moini, A. 18913
Bouzguenda, M., Rahman, S. Value analysis of intermittent generation sources from the system operations perspective 24676
Bouziane, A., Hartmann, G., Hidaka, K., Taplamacioglu, M.C., Waters, R.T. Linear-geometry electric-field probe for DC corona measurements 46342
Bouziane, A., Remy, M., Ouennoughi, Z., Simon, C., Alnot, M. Influence of plasma treatment conditions on growth and electrical properties of oxides on InP 26476
Bouzidi, F., Bajon, D., Baudrand, H., Fouad Hanna, V. Influence of grounding lateral and

back ground planes in transitions between conductor backed coplanar waveguide and microstrip lines 27160
Bouzinac, J.P. *see* Churoux, P. 11752
Bovbel, Ye.I., Kukharchik, P.D., Rubanov, N.S. Fast number-theory transformations in direct sums of finite fields and their use for constructing parallel VLSI architecture of digital filter 1335
Bove, M. *see* Martinoia, S. 7427
Bove, P., Ono, K., Joshin, K., Tanaka, H., Kasai, K., Komeno, J. Chemical beam epitaxy selectively-regrown n^+-GaAs layer on metalorganic chemical vapor deposition grown GaInP/GaInAs/GaAs pseudomorphic high electron mobility transistor structure 43016
Boveda, A., Alonso, J.I. A 0.7-3 GHz GaAs QPSK/QAM direct modulator 45761
Boveda, A., Ortigoso, F., Alonso, J.I. A 0.7-3 GHz GaAs QPSK/QAM direct modulator 33938
Boveda, A., Ortigoso, F., Alonso, J.I., Sanchez, J.C., Perez, F. Wide band monolithic GaAs SSB modulator 27272
Boveda, A. *see* Alonso, J.I. 27275
Bovet, C. Advanced beam observation methods for LEP 6983
Bovet, C. *see* Borer, I. 7095
Bovet, C. *see* Rossa, E. 15363
Bovier, C. *see* Othmani, A. 632
Bovik, A.C., Maragos, P. Conditions for positivity of an energy operator 45014
Bovik, A.C., Maragos, P., Quatieri, T.F. Measuring amplitude and frequency modulations in noise using multiband energy operators 12828
Bovik, A.C., Maragos, P., Quatieri, T.F. AM-FM energy detection and separation in noise using multiband energy operators 44963
Bovik, A.C. *see* Acton, S.T. 26326
Bovik, A.C. *see* Acton, S.T. 29948
Bovik, A.C. *see* Havlicek, J.P. 29599
Bovik, A.C. *see* Restrepo, A. 13214
Bovik, A.C. *see* Silsbee, P.L. 21968
Bovik, A.C. *see* Silsbee, P.L. 29547
Boving, R. *see* Wevers, M. 18370
Bovio, D., Lloyd, G. Monitoring EARN networking services 14142
Bovy, A. *see* Seitz, T. 32361
Bow, J.S. *see* Maracas, G.N. 746
Bow, K.E. New developments in medium and high voltage cable with laminate sheaths as moisture barriers 7960
Bow, K.E. New developments in medium and high voltage cable with laminate sheaths as moisture barriers 16317
Bowd, D.M. EBU user requirements for new DVTR formats 31062
Bowden, B.S. *see* Jain, L.C. 948
Bowden, B.S. *see* Jain, L.C. 33262
Bowden, C.M. *see* Dowling, J.P. 35818
Bowden, M., Booth, A., Kapoor, V., Areti, H., Barsotti, E., Gonzalez, H., Nomachi, M. Switch-based event builders 38924
Bowdler, K. *see* Khan, O.S. 23553
Bowen, A.J. Precision in mechanical testing of magnetic recording thin-film disks 2810
Bowen, C., Houck, G. New processing techniques: sweeping of quartz wafers and a practical method for processing quartz resonators under controlled conditions 20067
Bowen, J.W. *see* Cahill, R. 4342
Bowen, J.W. *see* Martin, D.H. 36220
Bowen, L., Zarr, R., Denton, S. A microcontroller controlled battery fuel gauge and charger 40453
Bowen, M.E.C. *see* Jacobs-Cook, A.J. 11588
Bowen, R. *see* McNeil, S. 37908
Bowen, R.R. The provision of spectrum for feeder links of non-geostationary mobile satellites 37906
Bower, A.F., Freund, L.B. Analysis of stress-induced void growth mechanisms in passivated interconnect lines 10982
Bower, M.E. *see* Hardwick, C.D. 39233
Bower, P.K. *see* Tracey, J.S. 7872
Bowers, C.A., Braun, C. A low fidelity paradigm for research in aircrew coordination and performance 15952
Bowers, J. *see* Helkev, R. 20870
Bowers, J. *see* Mar, A. 43914
Bowers, J.E. *see* Babic, D.I. 12188
Bowers, J.E. *see* Babic, D.I. 44012
Bowers, J.E. *see* Barron, C.C. 20403
Bowers, J.E. *see* Cheng, W.-H. 12150
Bowers, J.E. *see* Dudley, J.J. 20828
Bowers, J.E. *see* Dudley, J.J. 28819
Bowers, J.E. *see* Dudley, J.J. 43830
Bowers, J.E. *see* Karin, J.R. 29001
Bowers, J.E. *see* Levy, S. 23053
Bowers, J.E. *see* Nagarajan, R. 3607
Bowers, J.E. *see* Nagarajan, R. 12114
Bowers, J.E. *see* Nagarajan, R. 38069
Bowers, J.E. *see* Tauber, D.A. 43857
Bowers, J.E. *see* Wenbin Jiang 20804
Bowers, J.E. *see* Yih-Guei Wey 43638
Bowers, K. *see* Javor, K. 38655
Bowers, K.A. *see* Yu, Z. 12252
Bowers, M. *see* Kuo, C. 18714
Bowers, M.S., Moody, S.E. Effects of laser resonator parameters and gain saturation on the frequency chirp of pulsed CO_2 lasers 20648
Bowers, R.F., Chan, C.H. A unique single-step algorithm for time-stepping electromagnetic fields 21230
Bowes, C.L., Ozin, G.A. Nanomaterials: tin(IV) sulfide endo-and exosemiconductors 873
Bowes, S.R. Efficient microprocessor real-time PWM drive control using regular-sampled harmonic minimisation techniques 17486
Bowey, A. *see* Wells, P. 1511
Bowick, J.W., Asatani, K., Hoberg, W., Malec, H., Stockman, S. Guest editorial. Quality of telecommunications services, networks, and products 45429
Bowler, D. *see* Jansen, M. 20847
Bowler, D.P., Stafsudd, O.M., Jansen, M., Ou, S.S., Yang, J.J., Sergant, M., Hess, C.A., Tu, C.T. Modal reflectivity of horizontal cavity surface emitting lasers, amplifiers, and SLEDs 20937
Bowler, I.W. *see* Bailey, N.J. 14859
Bowler, P. UPS specifications & performance 47951
Bowler, R.A., Truss, P., Oke, B.J. The European Polar Platform 47154
Bowles, J., McCoy, J. 486 microprocessor cache analysis for personal computer systems 41910
Bowles, J.P. *see* Campos Barros, J.G. 25523
Bowles, M.W. *see* Johannsen, K.G. 37913
Bowley, G. *see* Darling, W. 23433
Bowling, A., Davis, C.J. Managing contamination during advanced wafer processing 33338
Bowling, R.A., O'Brien, S.C., Loewenstein, L.M., Bennett, M.H., Bohannon, B.K. MMST wafer cleaning 27712
Bowman, C. Possibilistic versus probabilistic trade-off for data association 29629
Bowman, C. *see* Bogorad, A. 39304
Bowman, J.D. *see* Szymanski, J.J. 38862
Bowman, P., Crane, J., Mahulikar, D., Hoffman, P. In-assembly and post-assembly monitoring of cavity-humidity levels in the MQUAD package 396
Bowman, R.M. *see* Macfarlane, J.C. 38492
Bowman, S. *see* Wherrett, B.S. 11740
Bowman, S.R., Lynn, J.G., Searles, S.K., Feldman, B.J., McMahon, J., Whitney, W., Epp, D., Quarles, G.J., Riley, K.J. High-average-power operation of a Q-switched diode-pumped holmium laser 3492
Bowman, S.R., Lynn, J.G., Searles, S.K., Feldman, B.J., McMahon, J., Whitney, W., Marquardt, C., Epp, D., Quarles, G.J., Riley, K.J. High power diode pumped two micron lasers 20727
Bowmer, T.N., D'Amico, J.N. Remedial strategies for polyolefin insulations in outside plant 5692
Bowring, N.J. *see* Li, D. 12208
Bowron, P., Daaboul, A.A. An improved predistortion technique for active filters 42034
Bowron, P. *see* Zeng, X. 42035
Bowry, K. The TETRA standard for private mobile radio 14479
Bowry, K. Smart cards get clever applications 22387
Bowry, K. Smart cards get clever applications 22859
Bowser, E. *see* Wang, J. 19562
Bowsher, J.E. *see* Gilland, D.R. 7357
Bowyer, K. *see* Hoover, A. 37041
Bowyer, K.W., Stark, L. Beyond pure static shape in function-based object recognition 4919
Bowyer, K.W. *see* Eggert, D. 37044
Bowyer, K.W. *see* Eggert, D.W. 21950
Bowyer, S. Continuous emission source covering the 50–300-Å band 31808
Box, F. *see* Chadwick, D.J. 39317
Box, K.L. Upgrading bus bracing in low voltage motor control centers 9047
Boxer, L.W. Environmental and political aspects of renewable energy 25110
Boxleitner, W. The triple threat of pulsed EMI 21281
Boxleitner, W. *see* Kiener, C. 27558
Boxma, O.J., Combe, M.B. The correlated M/G/1 queue 5209
Boxma, O.J. *see* Combe, M.B. 37115
Boxman, R.L., Goldsmith, S. Mass and surface conductivity gain on polymer surfaces metallized using vacuum arc deposition 9774
Boxman, R.L. *see* Ben-Shalom, A. 9767
Boy, J.J. *see* Besson, R.J. 14930
Boyanov, B., Ivanov, T., Hadjitodorov, S., Chollet, G. Robust hybrid pitch detector 13012
Boyanov, B.I., Bunker, G., Lee, J.M., Morrison, T.I. Numerical modeling of tapered undulators 31584
Boyarkina, M.G. *see* Basharin, S.A. 33857
Boyce, C.H. *see* Taylor, G.N. 28037
Boyce, J., Lane, F. Fast scan technology for digital video tape recorders 6249
Boyce, J. *see* Augenbraun, J. 30153
Boyce, J.B. *see* Johnson, R.I. 27492
Boyce, J.B. *see* Mei, P. 42911
Boyce, J.B. *see* Ready, S.E. 27459
Boyce, J.F. *see* Dimitropoulos, C.H. 47237
Boyce, R. *see* Pellegrini, C. 44002
Boyce, R.F. *see* Ruth, R.D. 46776
Boyd, A.J. *see* Stennett, A.K. 40286
Boyd, C. Modern data encryption 4450
Boyd, C. A formal framework for authentication 14230
Boyd, C. New digital signature scheme based on discrete logarithm 44736
Boyd, C., Mao, W. On a limitation of BAN logic 29494
Boyd, G.D., Cavailles, J.A., Chirovsky, L.M.F., Miller, D.A.B. Wavelength dependence of saturation and thermal effects in multiple quantum well modulators 3188
Boyd, G.D. *see* Chirovsky, L.M.F. 20491
Boyd, G.D. *see* De Souza, E.A. 43517
Boyd, I.W., Craciun, V., Kazor, A. Vacuum-ultraviolet and ozone induced oxidation of silicon and silicon-germanium 27696
Boyd, I.W. *see* Craciun, V. 34723
Boyd, I.W. *see* Kazor, A. 19611
Boyd, J. Low-volume assembly equipment: advances in throughput and accuracy 27380
Boyd, J. *see* Cornuelle, B.D. 7624
Boyd, J.D. California's zero-emission vehicle regulations 48410
Boyd, J.P. Chebyshev and Legendre spectral methods in algebraic manipulation languages 33520
Boyd, J.T. *see* Burcham, K.E. 6457
Boyd, J.T. *see* Choo, A.G. 2075
Boyd, J.T. *see* Kumar, M. 10818
Boyd, J.T. *see* Ramabadran, U.B. 3806
Boyd, J.T. *see* Steckl, A.J. 2076
Boyd, J.T. *see* Steckl, A.J. 10819
Boyd, J.T. *see* Yan Wang 3147
Boyd, M.A., Bavuso, S.J. Modeling a highly reliable fault-tolerant guidance, navigation, and control system for long duration manned spacecraft 39218
Boyd, R.W. *see* Bridges, R.E. 12313
Boyd, S. *see* Holl, M. 23660
Boydston, T. *see* Kao, W. 14881
Boyer, A. *see* Mzerd, A. 34549
Boyer, J., Dupuis, A., Guillemin, F. Burstiness and resource management in ATM networks 22442
Boyer, K.L., Mirza, M.J. Robust surface perception in range data 29752
Boyer, K.L., Sarkar, S. "On the localization performance measure and optimal edge detection" 36994
Boyer, L. *see* Houze, F. 42764
Boyers, D.G. *see* Gary, C.K. 15766
Boyev, N.V. *see* Sumbatyan, M.A. 18360
Boykin, T.B., Carnahan, R.E., Higgins, R.J. Quantum-well states of InAs/AlSb resonant-tunneling diodes 19734
Boyko, C., Bucek, F., Markovich, V., Mayo, D. Film redistribution layer technology 1740
Boyle, D. *see* Gibbon, M. 35489
Boyle, P. *see* Jouppi, N.P. 26965
Boyle, P. *see* Jouppi, N.P. 27001
Boyle, R.F. *see* Jackson, T.M. 39914
Boyle, S.R., Heald, R.A. A CMOS circuit for real-time chip temperature measurement 43096
Boyle, W.J.O., Dick, G.L., Grattan, K.T.V., Palmer, A.W., Wang, D.N., Weir, K. Optical instrumentation for eye length measurement using a short coherence length laser-based interferometer approach 15822
Boyn, R. *see* Rudolph, P. 33582
Boynton, P.E. *see* Grajew, G. 37613
Boys, J.T. Theoretical spectra for narrow-band random PWM waveforms 8527
Boys, J.T. *see* Andrews, M. 4656
Boys, J.T. *see* Colby, R.S. 8822
Boys, J.T. *see* Green, A.W. 8520
Boysan, P. *see* Lau, J. 10561
Boysan, P. *see* Noctor, D.M. 40945
Boyse, W.E. *see* Lynch, D.R. 21161
Boysel, R.M., McDonald, T.G., Magel, G.A., Smith, G.C., Leonard, J.L. Integration of deformable mirror devices with optical fibers and waveguides 3146
Bozdagi, G. *see* Kutay, M.A. 31862
Bozgonyi, G.A. *see* Honeycutt, J.W. 10986
Bozhevolnyi, S. *see* Madsen, S. 15056
Bozhong, G. *(editor)* MHD 1992. Eleventh International Conference on Magnetohydrodynamic Electrical Power Generation 17679
Bozhong Gu *see* Gu Bozhong
Bozoki, E., Kramer, S.L. Ion shaking in the 200 MeV XLS-ring 7049
Bozoki, E., Sagan, D. On the shaking of ions in electron storage rings 31592
Bozovic, I., Eckstein, J.N. High-T_c superconducting electronics: implications of reduced dimensionality 20177
Bozyk, M. Application of phase contrast microscopy to quantitative characterization of optical fibers 28446
Bozza, F., Tuccillo, R., Fontana, G. Performance and emission levels in gas turbine plants 47776
Bozza, F. *see* Fayn, J. 15884
Bozzini, B., Martelli, A., Zangari, G., Cavallotti, P.L., Terrenzio, E., Visigalli, P.G. Electrodeposition of *Co-Pt* thin films for magnetic recording 2828
Bozzo, M. *see* Angelini, F. 46951
Bozzo, R., Centurioni, L., Guastavino, F. Measuring the endurance of films in partial discharges 33779
Bozzoli, W., Matheys, J.-P., McLaren, R.A., Vande Vyvre, P., Vascotto, A., Pastore, A., McInnes, P., McKay, N., Peach, K., Renk, B.,

Anguelov, T., Taurok, A. High performance event distribution using HIPPI 38923
Braagaard, C., Mikkelsen, B., Durhuus, T., Stubkjaer, K.E. Optimization of DBR wavelength converters 37993
Braagaard, C. *see* Mikkelsen, B. 5979
Braagaard, C. *see* Mikkelsen, B. 35966
Braagaard, C. *see* Mikkelsen, B. 38129
Braasch, J.C., Holzapfel, W. Photoelastic force sensor with modulated semiconductor laser 23534
Braatz, J.C. *see* Baze, M.P. 35073
Braatz, L. *see* Koblinsky, C.J. 7605
Brabander, G.N.De *see* De Brabander, G.N.
Brabec, L. *see* Benda, V. 1041
Brabec, T., Kelly, S.M.J. Third-order dispersion as a limiting factor to mode locking in femtosecond solitary lasers 12080
Brabson, B. *see* Caussyn, D.D. 7026
Brabson, B. *see* Caussyn, D.D. 38778
Brabson, B. *see* Ellison, M. 38779
Brabson, B. *see* Huang, H. 23976
Brabson, B. *see* Lee, S.Y. 7040
Brabson, B. *see* Li, D. 6973
Braby, L.A., Badhwar, G.D., Conroy, T.J., Elegy, D.C., Brackenbush, L.W. Automated systems for measuring and dose radiation quality as a function of time 47144
Bracalente, E.M. *see* Aalfs, D.D. 7570
Braccini, C., Curinga, S., Grattarola, A.A., Lavagetto, F. Muscle modeling for facial animation in videophone coding 5400
Braccini, G. *see* Bartolozzi, M. 48052
Braccini, G. *see* Salvetti, O. 38979
Bracco, R. *see* Walker, R.P. 7111
Brace, C.M. *see* El-Sharkawi, M.A. 16261
Brace, M.C., Bui-Nguyen, V., Schmidt, J. Another look at forecast accuracy of neural networks 16278
Brachat, P., Behe, R., Kossiavas, G., Habib, L., Papiernik, A. Printed circuit antennas polarized by grids 36425
Brachat, P. *see* Cerboni, A. 36405
Bracher, P. *see* Marchiondi, M. 8721
Bracho, S., Martinez, M., Arguelles, J. Test generation and fault detection techniques in mixed circuits 18893
Bracho, S. *see* Arguelles, J. 35183
Bracho, S. *see* Arguelles, J. 42088
Bracken, J.E., Raghavan, V., Rohrer, R.A. Extension of the asymptotic waveform evaluation technique with the method of characteristics 26586
Bracken, K.C., Carley, L.R. BiCMOS analog arbitration circuits 10370
Brackenbury, L.E.M., Laker, M.R. A general-purpose residue arithmetic processor 3254
Brackenbush, L.W. *see* Braby, L.A. 47144
Brackeniers, C., Cheenne-Astorino, A. A new family of MV terminations 16419
Brackett, C.A., Acampora, A.S., Sweitzer, J., Tangonan, G., Smith, M.T., Lennon, W., Wang, K.-C., Hobbs, R.H. A scalable multiwavelength multihop optical network: a proposal for research on all-optical networks 6056
Brackett, R.Quinn *see* Quinn Brackett, R.
Brackin, P. *see* Althaus, L. 127
Brada, P. *see* Nesladek, M. 43611
Braddell, J. *see* Herbert, P.A.F. 28034
Bradell, J. *see* Mathur, B.P. 11090
Braden, J.S. *see* Mabulikar, D. 43066
Braden-Harder, L. *see* Bellegarda, J. 13122
Bradford, B. *see* Li, G. 2293
Brading, W.A. Carrierless amplitude and phase modulation 12823
Bradley, A. *see* Feryance, D. 19214
Bradley, D.C. International standardization in the global marketplace 23403
Bradley, D.D.C. *see* Greenham, N.C. 11867
Bradley, D.D.C. *see* Greenham, N.C. 35600
Bradley, D.D.C. *see* Greenham, N.C. 35615
Bradley, D.D.C. *see* Marks, R.N. 28655
Bradley, D.K. *see* Denysenko, A. 15089
Bradley, E. Using chaos to broaden the capture range of a phase-locked loop 26751
Bradley, J.A. *see* Wolford, D.J. 34583
Bradley, J.H. Experimental dynamics of sensors and instrument systems 15000
Bradley, J.H. Computational instability in ODEs: explorations in detection and prevention 16660
Bradley, J.N., Brislawn, C.M. Wavelet transform—vector quantization compression of supercomputer ocean models 7627
Bradley, J.N., Brislawn, C.M., Faber, V. Reflected boundary conditions for multirate filter banks 13352
Bradley, K.J., Bounaceur, M. Improved flux vector drive performance by use of specialist induction machines 8809
Bradley, K.J. *see* Ferrah, A. 8843
Bradley, K.J. *see* Ferrah, A. 25453
Bradley, K.J. *see* Ferrah, A. 40527
Bradley, K.J. *see* Ferrah, A. 40563
Bradley, P.A. *see* Samardjiev, T. 4096
Bradley, R. Ideas in traction [railways] 48181
Bradley, R.M. *see* Wu, K. 41609
Bradley, T.W., Autry, M.W., Hui, L.H. MMW technology for enhanced situation awareness/enhanced vision systems 47187
Bradley, W.E., Theirault, M.D., Butler, D.A. Noise control of a cogeneration power plant in a residential neighborhood 39913
Bradlow, H. *see* Butler, M. 37620
Bradlow, H. *see* Eyers, T. 37576
Bradlow, H. *see* Lawrence, J. 37097
Bradlow, H.S., Anido, G.J. Migration of ATM into the customer network 30444
Bradlow, H.S. *see* Atkinson, D.J. 37590
Bradlow, H.S. *see* Kerekes, I. 37591
Bradner, H. *see* Grajew, G. 37613
Bradshaw, E.S. *see* Hearn, C.P. 6747
Bradshaw, J.L. *see* Leavitt, R.P. 35576
Bradshaw, S.A. *see* Marsh, J.H. 3398
Bradwell, A. Condition monitoring of power transformers on BR 47946
Brady, D., Catipovic, J. An adaptive, soft-decision multiuser receiver for underwater acoustical channels 30864
Brady, D., Psaltis, D. Information capacity of 3-D holographic data storage 11561
Brady, D. *see* Zvonar, Z. 37086
Brady, D.J. *see* Hill, K.B. 3897
Brady, D.J. *see* Purchase, K.G. 23080
Brady, F.A. *see* Barker, R.M. 14118
Brady, J.M. *see* Wu, D.Q. 13681
Brady, M. *see* Zhi-Yan Xie 13688
Brady, V. *see* Faltens, A. 15476
Braem, A., DiMauro, A., Nappi, E., Ljubicic, A., Jr., Paic, G., Piuz, F., Posa, F., Ribeiro, R.S., Scognetti, T., Williams, T.D. Fast RICH detector with a cesium iodide photocathode at atmospheric pressure 46902
Braeske, T. *see* Bartsch, B. 24510
Braga, N., Buczkowski, A., Kirk, H.R., Rozgonyi, G.A. Formation of cylindrical n/p junction diodes by arsenic enhanced diffusion along interfacial misfit dislocations in p-type epitaxial Si/Si(Ge) 34908
Bragagni, P. *see* Salvetti, O. 38979
Bragg, A.W., Chou, W. Analytic models and characteristics of video traffic in high speed networks 37606
Braggins, D. Sensing beyond the limits 38553
Braghini, M. *see* Gusmano, G. 18239
Braglia, M., Cocito, G., Di Vita, P., Potenza, M. Fluorozirconate fibre optical amplifiers: status and prospects 20741
Brahmanandam, M.B., Panchanathan, S., Goldberg, M. An affine transform based image vector quantizer 36837
Brahme, A. *see* Shi Liu 31976
Brahme, A. *see* Svensson, R. 24343
Brahmi, F.A. *see* Tyler, J.K. 37411
Brailean, J.C., Katsaggelos, A.K. Displacement field estimation in noisy image sequences 13821
Brailean, J.C., Katsaggelos, A.K. Simultaneous recursive displacement estimation and restoration of image sequences 22280
Brailean, J.C., Katsaggelos, A.K. Recursive MAP displacement estimation and restoration of noisy-blurred image sequences 29954
Brailean, J.C. *see* Chan, C.L. 29955
Brailsford, J.R. *see* Cockburn, D. 24916
Brainard, R.L. *see* Knudsen, P.D. 34370
Brainerd, S. *see* Holscher, R. 2375
Brainerd, S. *see* Luehrmann, P. 2271
Brainerd, S.K. *see* Luehrmann, P. 42798
Brainin, E.I., Kokarev, G.S., Kolotii, V.A., Polyakova, A.I., Tsymbarenko, B.K. Eddy-current inspection of the thickness of zinc coating on parts made of casting aluminum alloy 41511
Braithwaite, R.N., Beddoes, M.P. Selecting the projection functions for an iterative Gabor expansion 17988
Braithwaite, S. *see* Chandler, S.A.G. 14412
Braithwaite, S.J. *see* Christodoulides, L.M. 30192
Brajuskovic, B. *see* Milinkovic, Lj. 15407
Brajuskovic, B. *see* Neskovic, N. 15583
Brake, H.J.M.ter *see* ter Brake, H.J.M.
Brakel, G.van *see* van Brakel, G.
Brakel, P.A.van *see* van Brakel, P.A.
Braknovic, V.J., Krupezevic, D.V., Arndt, F. Efficient full-wave 3D and 2D waveguide eigenvalue analysis by using the direct FD-TD wave equation formulation 4203
Brakspear, S. *see* Barnwell, P. 1050
Brakspear, S. *see* Barnwell, P. 19252
Bramanti, M., De Michele, G. Microwave techniques for measuring combustion processes in power plants 6748
Brambilla, M., Cattaneo, M., Lugiato, L.A., Pirovano, R., Prati, F., Kent, A.J., Oppo, G.-L., Coates, A.B., Weiss, C.O., Green, C., D'Angelo, E.J., Tredicce, J.R. Dynamical transverse laser patterns. I. Theory 35917
Brambilla, M. *see* Coates, A.B. 35650
Brambilla, M. *see* Oppo, G.-L. 44060
Brambilla, S. *see* Bassini, R. 38911
Brambley, D., Martin, B., Prewett, P.D. Microlithography: an overview 42807
Bramer, L.M. *see* Watkins, D.C. 15207
Bramhall, R.B. *see* Lee, C. 6707
Bramley, A.N. Quality management in engineering education—too many cooks spoil the broth. An overview of the UK situation, October 1992 17757
Bramm, G. *see* Abraham, L. 2481
Brammer, D. Fine-tuning SMT reflow performance by reducing inert gas usage 34417
Brammer, R., Hallen, A., Hakansson, J. Simulation of proton-induced local lifetime reduction in 10 kV diodes 19750
Brammer, R., Tran, T.-H., Essen, C. The experimental parameters of the needle-plane geometry 11382
Bramorski, R., Madan, M.S. Industry-university-government partnership in technology management in Poland: the system in transition 181
Bramwell, A.T., Tolbert, C.A. Beyond the group: enhancing team training effectiveness 33264
Bramwell, A.T. *see* Tolbert, C.A. 39792
Branca, F.P., Del Prete, Z., Marinozzi, F. New AC microammeter for leakage current measurement of medical equipment 15689
Brancaccio, F.Massimo *see* Massimo Brancaccio, F.
Brancato, E.L. A pathway to multifactor aging 20034
Brancato, E.L. *see* Bernstein, B.S. 24672
Brancato, E.L. *see* Pugh, P.F. 43185
Branch, R.D. *see* Tiltges, D.L. 25958
Branco, P.J.C. A didactic explanation of field oriented systems sensitivity 17474
Branco, P.R.A.S. *see* Gunasekaran, M. 39633
Brancus, I. *see* Maazouzi, C. 31746
Brand, A., Wu, K., Pan, S., Chin, D. Novel read disturb failure mechanism induced by FLASH cycling 34078
Brand, D. Exhaustive simulation need not require an exponential number of tests 26555
Brand, D. Exhaustive simulation need not require an exponential number of tests 26590
Brand, G.F. Mode competition in a high harmonic tunable gyrotron 42363
Brand, G.F. *see* Hong, K.D. 10624
Brand, G.F. *see* Khachan, J. 869
Brand, H. High frequency technology in the Terahertz-region tasks, solutions, challenges 12570
Brand, H.-J., Mueller, D., Rosenstiel, W. Design of high throughput data path components 19942
Brand, H.von *see* von Brand, H.
Brand, J.F.J.van den *see* van den Brand, J.F.J.
Brand, K.P., Frei, K., Preiss, O., Wimmer, W. A coordinated control and protection concept for medium voltage substations and its realization 24751
Brand, M. Progress in high-level exploratory vision 4921
Brand, O., Baltes, H., Baldenweg, U. Thermally excited silicon oxide beam and bridge resonators in CMOS technology 16063
Brand, P.C., Prask, H.J. New methods for the alignment of instrumentation for residual-stress measurements by means of neutron diffraction 46639
Brand, S. *see* Wilson, S.P. 1851
Brand, S. *see* Wilson, S.P. 19345
Brand, V. *see* Pruschek, R. 40007
Brandalise, D. *see* Matussek, P. 38405
Brandao, A.L., McLernon, D.C., Lopes, L.B. Measuring the frequency sweeping rate ($d\theta_n/dn$) of a chirp signal 23098
Brandao, S.F.M. *see* De Azevedo, H.R. 40256
Brandao Faria, J.A. Analysis of the electro-optic effect in anisotropic crystals with 2-mm and 3-m point group symmetry using a first-order perturbation technique 11686
Brandao Faria, J.A. *see* Guerreiro das Neves, M.V. 2967
Brandeis, D. *see* Michel, C.M. 31940
Brandenburg, A., Gombert, A. Grating couplers as chemical sensors: a new optical configuration 14967
Brandenburg, A. *see* Osterfeld, M. 46528
Brandenburg, D. *see* Ganchev, S.I. 38651
Brandenburg, K. *see* Sporer, T. 13102
Brandenburger, G., Waud, K., Baran, D. The importance of coupling-path correction for velocity measurements of the heel 7405
Brander, P.E. *see* Salmi, T. 47092
Brandes, G. *see* Fischer, J. 34470
Brandes, W. *see* Burger, P. 5349
Brandes, W. *see* Jurgen, H. 24867
Brandfass, M. *see* Langenberg, K.J. 4085
Brandis, R. *see* Arnold, J. 38261
Brandler, D. MCM-L/D alternative dielectrics and via formation 33374
Brandon, J. *see* Ghirardi, F. 20371
Brandon, W.T. Cockpit vision: enhanced communications with aircraft pilots via satellite 14525
Brandon, W.T. Interoperability concept for LEO satellite personal communications 22826
Brandon, W.T. Influences of external digital environment, markets and terminal price elasticity on personal satellite systems 45894
Brandow, S.L. *see* Marrian, C.R.K. 19696
Brands, S., Chaum, D. Distance-bounding protocols 36538
Brandstetter, P., Horak, T., Chlebis, P., Mech, M., Stefanik, M. Microprocessor-based control system with TMS 320 10 signal processor for AC controlled drives applications 8870
Brandt, B.van den *see* van den Brandt, B.
Brandt, D. Lattice modifications for the LEP energy upgrade 15377
Brandt, D., Cornelis, K., Hofmann, A. Experimental observations of instabilities in the frequency domain at LEP 15370

Brandt, D., Grobner, O., Jowett, J.M., Taylor, T.M., Tortschanoff, T. The polarization wigglers in LEP 7025
Brandt, E.H. Pinning in high-T_c superconductors 20179
Brandt, G.-A., Mischke, W., Schmidt, Th., Wucherer, M. Influence of primary and scattered radiation on speed and contrast of screen-film systems and their perception in test phantoms 24178
Brandt, H. Spectrum analyzers: precision test instruments 46580
Brandt, J., Damgard, I. On generation of probable primes by incremental search 9420
Brandt, J., Damgard, I., Landrock, P. Speeding up prime number generation 12893
Brandt, J. *see* Strom, B.D. 2819
Brandt, M.-S., Stutzmann, M. Spin-dependent photoconductivity as a function of wavelength: a test for the constant photocurrent method in a-Si:H 43613
Brandt, M.E., Bohan, T.P., Kramer, L.A., Fletcher, J.M. Estimation of CSF, white and gray matter volumes in hydrocephalic children using fuzzy clustering of MR images 39006
Brandt, M.S., Asano, A., Stutzmann, M. Are there charged dangling bonds in device quality amorphous silicon? 27457
Brandt, M.S., Fuchs, H.D., Hopner, A., Rosenbauer, M., Stutzmann, M., Weber, J., Cardona, M., Queisser, H.J. Visible luminescence from silicon: quantum confinement or siloxene? 3367
Brandt, M.S., Stutzmann, M. An alternative degradation method for amorphous hydrogenated silicon: the constant degradation method 34498
Brandt, M.S. *see* Graeff, C.F.O. 35557
Brandt, M.S. *see* Stutzmann, M. 8760
Brandt, M.S. *see* Stutzmann, M. 42388
Brandt, M.T. EOS/ESD association tackles ESD standards 17825
Brandwajn, V. *see* Adapa, R. 39557
Branebjerg, J. *see* Gravesen, P. 31199
Branger, H., Ramamonjiarisoa, A., Bliven, L.F. A Ku-band laboratory experiment on the electromagnetic bias 36197
Branham, B.H., Bi, X., Cox, J.L. A system for accurate interactive 3-D display of cardiac electrical activity 24303
Brankner, K.J. *see* Barna, G.G. 27711
Brankovic, V.J. *see* Krupezevic, D.V. 44540
Brannen, W.F., Adams, R.L. Impact of Hurricané Andrew on FPL generation facilities 32529
Brannen, W.F. *see* Fatehpuria, K.K. 32728
Branner, G.R. *see* Borg, M. 19106
Brannick, M.T. *see* Prince, A. 153
Branning, D. *see* Grayson, T.P. 28973
Brannlund, T. *see* Berruto, E. 45360
Branover, H., Lesin, S., Tsirlin, M. Some problems of the corrosion and protection of materials in liquid metal MHD generators 41494
Branover, H. *see* Zatelepin, V.N. 25328
Branscomb, A.M. *see* Denning, D. 5390
Branscomb, L.M. *see* Denning, D. 5390
Branst, L. *see* Waters, R. 36081
Branstad, D.K. *see* Smid, M.E. 21530
Brar, B. *see* Nguyen, C. 1914
Brar, B. *see* Wong, K.C. 669
Brar, N.S. *see* Rosenberg, Z. 38749
Braren, B. *see* Schrott, A.G. 41401
Braren, B. *see* Sugerman, A. 18296
Braren, B., Dubowski, J.J., Norton, D.P. *(editors)* Laser Ablation in Materials Processing: Fundamentals and Applications Symposium 33187
Brasca, G., Botti, E., Cini, C. Designing a high-power operational amplifier in BiCMOS technology 9979
Brasen, D., Ginetti, A. Post-placement technology mapping 34013
Brasen, D. *see* Green, M.L. 832
Brasen, D. *see* Mau-Tsu Tang 27600
Brasen, D. *see* Shiffer, J. 18666
Brash, E.J. *see* Hausser, O. 31645
Brashear, R.B., Holberg, D.R., Mercer, M.R., Pillage, L.T. ETA: electrical-level timing analysis 26597
Brasher, J.D. *see* Vijaya Kumar, B.V.K. 30103
Brasher, J.D. *see* Vijaya Kumar, B.V.K. 30104
Brasil, M.J.S.P. *see* Bernussi, A.A. 42501
Braspenning, R.H. *see* Pereira, R. 10904
Brass, H. Asymptotically optimal error bounds for quadrature rules of given degree 9466
Brass, M.A., Mecrow, B.C. The role of damper circuits in field orientated synchronous drives 8838
Brassard, G., Salvail, L. Secret-key reconciliation by public discussion 29501
Brassel, P.O., Jr., Burkhart, R.M. Army aviation readies for the twenty-first century 24557
Brasseur, G. Autonomous and mobile sensors 14932
Brasseur, L.E. Contesting the objectivist paradigm: gender issues in the technical and professional communication curriculum 114
Brasunas, J.C., Lakew, B. High T_c superconductor bolometer with record performance 31234
Braswell, R. *see* Albright, J. 25320
Braszak, A. *see* Dabrowski, A. 14277
Bratash, V.A., Varchenko, V.K., Zhaboev, M.N., In'kov, Yu.M., Ozerov, M.I., Kosintsev, V.A., Chumak, V.V. Mine electric locomotive with thyristor regulation 40686
Brathwaite, N. *see* Randall, B. 391
Bratina, G., Sorba, L., Biasiol, G., Vanzetti, L., Franciosi, A. AlAs-GaAs heterojunction engineering by means of group IV interface layers 1908
Bratina, G. *see* Biasiol, G. 34584
Bratley, P., Fox, B.L., Niederreiter, H. Implementation and tests of low-discrepancy sequences 602
Bratman, V.L., Savilov, A.V. Nonresonant excitation and nonlinear suppression of parasitic transverse modes in free-electron masers 3406
Bratman, V.L. *see* Urbanus, W.H. 3408
Bratsberg, H. *see* Johansen, T.H. 11549
Bratsberg, H. *see* Johansen, T.H. 43318
Bratt, A.H., Harvey, R.J., Dorey, A.P., Richardson, A.M. Aspects of current reference generation and distribution for IDDx pass/fail current threshold determination 28272
Bratt, A.H. *see* A'ain, A.K.B. 34188
Bratt, A.H. *see* Harvey, R.J.A. 1344
Bratuseva, E.V. *see* Korzunin, G.S. 41527
Bratz, A. *see* Marowsky, G. 28996
Bratz, A. *see* Sieverdes, F. 12390
Brau, J. *see* Arodzero, A. 7256
Brauchle, C., Hampp, N., Oesterhelt, D. Optical processing and storage with bacteriorhodopsin 20281
Brauckmann, M. *see* Zielke, T. 13615
Brauer, A., Erdmann, L., Gase, T., Dannberg, P., Karthe, W., Wachter, Ch. Electro-optic effects in polymer waveguide devices for optical communication 43545
Brauer, A. *see* Dannberg, P. 35473
Brauer, A. *see* Gehler, J. 20363
Brauer, A. *see* Gehler, J. 35420
Brauer, A. *see* Waldhausl, R. 35430
Brauer, J.M., Chen, W.T. Innovations in organic circuit packaging technology 33381
Brauer, J.R., Brown, B.S., Jenich, M.M. ABC finite elements for open boundary electromagnetic problems of frequencies from DC to GHz 41205
Brauer, J.R., MacNeal, B.E., Hirtenfelder, F. New constraint technique for 3D finite element analysis of multiturn windings with attached electric circuits 44272
Brauer, M.L., Dajani, I., Kester, J.J. Induced second-harmonic generation in planar waveguides by an externally applied periodic DC electric field: efficiency as a function of field structure 35990
Brauer, R., Dorschner, H.-W. Display technology from the viewpoint of automation 31366
Brauer, V.C.-E. Modification of electric direct heating towards a modern district heating system including automatic energy readout in Ostseebad Damp 16642
Brault, C. *see* Amblard, G.R. 11081
Brault, D. *see* Legros, F. 38028
Brault, J.-J., Plamondon, R. Segmenting handwritten signatures at their perceptually important points 4793
Braun, A., Chien, C.Y., Coe, S., Mourou, G. Long range, high resolution laser radar 30920
Braun, B. *see* Rathmann, F. 6941
Braun, C., Hatch, W., Ruegsegger, T., Balzer, B., Feather, M., Goldman, N., Wile, D. Domain specific software architectures—command and control 24563
Braun, C. *see* Bowers, C.A. 15952
Braun, D.S. *see* Collura, T.F. 24270
Braun, E. *see* Kind, D. 25065
Braun, F. *see* Miyake, C.I. 29007
Braun, F.D. *see* Lotshaw, W.T. 20980
Braun, G. *see* Hamann, N. 7271
Braun, H., Boggasch, E., Tauschwitz, A., Hoffmann, D.H.H. Application of plasma lenses in positron sources 7110
Braun, H., Clendenin, J., Ecklund, S., Kulikov, A., Pitthan, R. A possible design for the NLC e^+ source 15298
Braun, H.-W. *see* Claffy, K.C. 30382
Braun, J. *see* Svensson, R. 25724
Braun, J.-M. *see* Bulinski, A. 43195
Braun, J.M., Horrocks, D.J., Levine, J.P., Sedding, H.G. Development of on-site partial discharge testing for transmission class cables 16370
Braun, J.M., Sedding, H.G., Stein, J. Electrical testing of aged station cables 32431
Braun, J.M. *see* Salama, M.M.A. 35171
Braun, J.M. *see* Steiner, J.P. 47592
Braun, J.M. *see* Werelius, P. 2692
Braun, K., Grollmann, J. A business oriented broadband application platform 14296
Braun, P., Kinzel, H., Forster, T. The fire-alarm system "List" in the coal handling plant of the heating power station of Energie-Versorgung Schwaben AG 47704
Braun, P., Koch, D. Fire-alarm equipment with optical fibre conductor transmission in the Marbach power plant of Energie-Versorgung Schwaben AG (EVS) 32655
Braun, P. *see* Dudnitzek, P. 32890
Braun, R., Schmidt, G. Availability and reliability of high voltage DC power transmission installations 39577
Braun, R. *see* Jerolmack, C. 350
Braun, R.-P. *see* Kindt, S. 35800
Braun, R.M. Novel loop structure enables a bit synchronizer to operate over multi-decade data rates 14304
Braun, R.M. *see* Bohm, B. 29426
Braun, S. *see* Armon, D. 41533
Braun, T., Schmidt, C. Implementation of a parallel transport subsystem on a multiprocessor architecture 14167
Braun, T., Stiller, B. Tools for automated implementation of communication protocols on transputer networks 37452
Braun, U., Feser, K. Restoring current signals in real time using feedforward neural nets 16252
Braun, W. *see* Wagner, J. 42628
Braun, W.R. *see* Dzung, D. 14497
Braune, R.J., Graeber, R.C. Human-centred designs in commercial transport aircraft 15944
Brauner, G., Zobel, M. Digital protection for centralized fault locator 24753
Brauninger, H. *see* Stephan, K.-H. 11808
Braunstein, G. *see* Ko, K.-Y. 2081
Braunstein, J., Tasker, P.J., Hulsmann, A., Kohler, K., Kaufel, G., Schlechtweg, M. MODFET technology optimization for MMICs using statistical microwave characterization 19142
Braunstein, J., Tasker, P.J., Hulsmann, A., Schlechtweg, M., Reinert, W., Kohler, K., Bronner, W., Haydl, W. Very broad band TWAs to 80 GHz on GaAs substrate 27263
Braunstein, J. *see* Haydl, W.H. 27260
Braunstein, J. *see* Hulsmann, A. 27315
Braunstein, J. *see* Schlechtweg, M. 19143
Braunstein, J. *see* Tasker, P.J. 6768
Braunstein, J. *see* Tasker, P.J. 31401
Braunstein, R. *see* Tang, Y. 1864
Braustein, G. *see* Ko, K.Y. 2044
Brauwer, O.De *see* De Brauwer, O.
Braveman, A.L. *see* Samar, V.J. 7447
Bravman, J.C. *see* Besser, P.R. 34804
Bravman, J.C. *see* Besser, P.R. 34812
Bravman, J.C. *see* Besser, P.R. 34825
Bravman, J.C. *see* Besser, P.R. 34828
Bravman, J.C. *see* Vinci, R.P. 34823
Bravman, J.C. *see* Vinci, R.P. 34826
Bray, A.V. *see* Smith, R.L. 17238
Bray, G. *see* Thornton, M. 46240
Bray, M.E. *see* Carroll, J.E. 20851
Brayden, W.H. *see* Gupta, V.N. 7767
Brayton, R.K. *see* Lam, W.K.C. 26615
Brayton, R.K. *see* McGeer, P.C. 33979
Brayton, R.K. *see* Moon, C.W. 41601
Brayton, R.K. *see* Shenoy, N. 27031
Braz, L.A. Achieving superior MEBES performance through the use of SPC programs and state-of-the-art facilities 2326
Brazas, J.C. *see* Roncone, R.L. 20346
Brazet, M.D. The application of integrated diagnostics techniques to heavy duty vehicle testing 23426
Brazet, M.D. AEGIS ORTS—the first and future ultimate integrated diagnostics system 47325
Brazier, P.L., Sedghi, A. Australian utility develops information system for strategic management 24728
Brazil, N. *see* Caldwell, M.T.P. 38986
Brazil, T.J. *see* Cojocaru, V.I. 27221
Brazil, T.J. *see* Halloran, P. 962
Brazil, T.J. *see* Lu, K. 6363
Brazio, J.M. *see* Sobrinho, J.L. 13959
Brazis, R., Namjunas, A., Gaidelis, V., Mironas, A., Safonova, L., Bumeliene, S. Backward-wave-oscillator spectrometry in standards and material characterization 42372
Brazis, R.S., Safonova, L.S., Lyubchenko, V.E. Bulk electromagnetic modes in crystals with a periodic doping profile 29133
Brdys, M.A. *see* Du, T. 8842
Brdys, M.A. *see* Du, T. 17439
Breakall, J.K. *see* Werner, D.H. 36354
Breakiron, L.A., Cutler, L.S., Hellwig, H.W., Vig, J.R., Winkler, G.M.R. General considerations in the metrology of the environmental sensitivities of standard frequency generators: IEEE Standards Ctte. P1193 Working Group 6 Report 23765
Breant, C. *see* Bouyer, J.P. 3662
Brebner, J.L. *see* Tran, C.A. 33643
Brebner, J.L. *see* Watkins, S.P. 33645
Brechbuhler, C. *see* Gerig, G. 39021
Brecher, V.H. *see* Chou, P.B. 434
Brechtken, D., Konig, D. Time/current characteristics and breaking capacity of experimental vacuum fuses 8014
Brechtken, D., Konig, D., Straube, H. Measurement of leakage from sulphur hexafluoride installations and apparatus 17815
Bredberg, B. *see* Art, M. 27333
Brede, A.P. *see* Henriksen, T. 25071
Brede, H.J. *see* v. Edel, G. 7156
Brede, R., Heumann, E., Koetke, J., Danger, T., Huber, G., Chai, B. Green up-conversion laser emission in Er-doped crystals at room temperature 12039
Bredehoft, K. *see* Balewski, K. 46775
Brederlow, G. *see* Baumhacker, H. 3425

Brederlow, G. *see* Baumhacker, H. 35655
Bredikhin, S., Liu, J., Weppner, W. Solid ionic conductor/semiconductor junctions for chemical sensors 6650
Bredy, Ph. *see* Cavedon, J.M. 15354
Breed, G.A. Receiver basics. 1. Performance parameters 37693
Breed, G.A. Receiver basics. Part 2. Fundamental receiver architectures 45746
Breed, G.A. A first introduction to direct sequence spread-spectrum 45758
Breedijk, T. *see* Moslehi, M.M. 28269
Breen, M. *see* Emanuel, A.E. 47503
Breen, M. *see* Lin, C.W. 9274
Breen, M. *see* Lin, C.W. 33373
Breese, M.B.H. A theory of ion beam induced charge collection 10788
Breese, M.B.H., Jamieson, D.N. A detailed account of the correction of parasitic sextupole fields in a magnetic quadrupole lens 12526
Breese, M.B.H., Swietlicki, E., Pallon, J. A limitation of hysteresis in the correction of the sextupole field in a magnetic quadrupole lens 21186
Breeuwer, M. *see* Veldhuis, R. 33246
Breglio, G., Cutolo, A., Spirito, P., Zeni, L. Interferometric measurement of electron-hole pair recombination lifetime as a function of the injection level 15220
Bregni, S., Caorsi, S., Gragnani, G.L. Temperature distribution in biological media by microwave radiometry: preliminary results 47061
Brehmer, D. *see* Allen, S.J. 10786
Breide, S., Engels, V., Johann, J., Kuhn, M. Digital television broadcasting 23268
Breide, S. *see* Engels, V. 30945
Breijo, E.G., Chilet, S.S., Baixauli, J.G. Modelling of devices by the OrCAD VST digital simulator 18646
Breijo, E.G., Chilet, S.S., Diaz, C.S. Modelling of devices with the PSPICE simulator 18438
Breijo, E.G. *see* Baixauli, J.G. 19212
Breiland, W.G. *see* Killeen, K.P. 41298
Breiner, S., Cuhls, K., Grupp, H. Technology foresight using a Delphi approach: a Japanese-German cooperation 40854
Breinholt, W. *see* Hoang, L. 18712
Breining, K. *see* Paul, R. 11964
Breipohl, A.M., Lee, F.N., Min-Ywan Lin The production cost simulator developed for OG&E [power system] 47436
Breit, H.F., Cronin, J.E. High performance ferrous/non-ferrous metal matrix composite [for packaging] 17880
Breitbard, A. *see* Shemesh, Y. 5835
Breitenberger, G. *see* Hutter, G. 9976
Breitenstein, O., Egger, U., Heydenreich, J. Scanning DLTS, EBIC, and CL investigations of diamond indentations in GaAs p^+n junctions 34590
Breitlow, C. *see* Nachtwei, G. 19391
Breitmeier, U. Laserprofilometry—a tool for biomedical analysis 7368
Bremaud, P., Gong, W.-B. Derivatives of likelihood ratios and smoothed perturbation analysis for the routing problem 474
Bremaud, P., Lasgouttes, J.-M. Stationary IPA estimates for nonsmooth $G/G/1/\infty$ functionals via Palm inversion and level-crossing analysis 478
Bremer, C. *see* Bergbauer, R. 15036
Bremer, H.-D. *see* Barber, D.P. 31578
Bremond, G. *see* Hamida, A.B. 34518
Bremond, G. *see* Kadoun, A. 19350
Bren, S., Hadlock, D. Health concerns of non-ionizing radiation 7495
Brench, C.E. Applications of MiniNEC to EMI modeling 44462
Brenci, M., Guzzi, D., Mencaglia, A., Mignani, A.G. An optical fibre sensor for characterizing monodispersive and quasi-monodispersive particulates 46486
Brenci, M., Guzzi, D., Mencaglia, A., Mignani, G.A. An optical fiber sensor system for fire detection in hazardous environments 23665
Brendel, R., Marianneau, G., Djian, F., Robert, E. Analysis and results of compensated quartz crystal oscillator ovens 20088
Brendel, R. *see* Sydnor, R.L. 23839
Brener, I. *see* Planken, P.C.M. 19388
Brenier, A., Courrol, L.C., Pedrini, C., Madej, C., Boulon, G. Yb^{3+} and Tm^{3+} ions as sensitizers for the Ho^{3+} infrared emission in $Gd_3Ga_5O_{12}$ garnet and up-conversion energy losses 28797
Brennan, A.G. A stereotactic test phantom for mammography 15797
Brennan, C.J. Analysis of electric fields, space charges, and polarization of thin-film ferroelectric capacitors based on Landau theory 10538
Brennan, D.D. *see* Sirkis, J.S. 20306
Brennan, K.F. Comment on "Monte Carlo simulation of electron transport in alternating-current thin-film electroluminescent devices" [J. Appl. Phys. 73, 3390 (1993)] 20551
Brennan, K.F. *see* Mansour, N.S. 2465
Brennan, K.F. *see* Wang, Y. 23587
Brennan, K.F. *see* Yang Wang 19334
Brennan, L.E., Piwinski, D.J., Staudaher, F.M. Comparison of space-time processing approaches using experimental airborne radar data 23188
Brennan, M.E. *see* Todd, J.R. 39211
Brennan, P.V., Becker, R., Griffiths, H.D. Developments in wavefront quality assessment using superresolution techniques 36363
Brennan, S. *see* Bain, J.A. 28352
Brennan, S. *see* Besser, P.R. 34812
Brennan, S. *see* Lamelas, F.J. 33634
Brennan, S.B. *see* Lairson, B.M. 28354
Brennan, T.M. *see* Wendt, J.R. 27551
Brennecke, R., Lang, M., Fritsch, J.P., Erbel, R., Meyer, J. A framework for PACS development in cardiology 24380
Brennecke, R. *see* Fritsch, J.P. 24204
Brenneman, J.S. *see* Baumgartner, W.D. 19107
Brenner, E. *see* Dorfler, P.K. 16705
Brenner, K.-H. Three dimensional microoptical integration techniques 11661
Brenner, K.-H., Frank, M., Kufner, M., Kufner, S., Moisel, J., Muller, A., Sinzinger, S., Testorf, M., Mohr, J.G.J. Microoptical setup with microlenses and microprisms based on refractive optics 11663
Brenner, K.-H. *see* Bahr, J. 11796
Brenner, K.-H. *see* Eckert, W. 11761
Brenner, K.H., Kufner, M., Kufner, S., Moisel, J., Muller, A., Sinzinger, S., Testorf, M., Gottert, J., Mohr, J. Application of three-dimensional micro-optical components formed by lithography, electroforming, and plastic molding 20369
Brenner, M.S. *see* Holstein, W.L. 11513
Brenner, R. *see* Blocki, J. 46892
Brenner, T., Kocanda, W. Model of extractor with signal shape analysis in azimuth and range area 46067
Brenner, T., Melchior, H. Integrated optical modeshape adapters in InGaAsP/InP for efficient fiber-to-waveguide coupling 20373
Brenner, T., Melchior, H. Highly efficient fiber-waveguide coupling achieved by InGaAsP/InP integrated optical modeshape adapters 35453
Brenner, T. *see* Dall'Ara, R. 35628
Brent, J.C. *see* Goldberg, R.L. 15706
Brentano, P.von *see* von Brentano, P.
Brereton, I.M. *see* Wilson, S.J. 7332
Breskin, A., Chechik, R., Vartsky, D., Malamud, G., Mine, P. A correction of the quantum efficiency of CsI and other photocathodes due to the recalibration of the reference photomultipliers 42352
Breskin, A. *see* Baur, R. 46897
Breskin, A. *see* Chechik, R. 46868
Breskin, A. *see* Malamud, G. 46899
Bresler, M.S., Gusev, O.B., Yassievich, I.N., Yakovlev, Y.P., Zotova, N.V. Quasi-stationary states and type I and type II heterojunctions in InAsSbP/InAs system 34587
Bresler, M.S., Yassievich, I.N. Physical properties and photoluminescence of porous silicon 788
Bresler, Y. *see* Boesel, R.W. 36811
Bresler, Y. *see* Kerfoot, I.B. 4905
Breslin, J. *see* Krolikowski, W. 28995
Bressan, C. *see* Bison, P.G. 6835
Bressan, M., Conciauro, G., Gamba, P. Numerical modelling of general quasi-planar waveguides 12698
Bressan, M., Gamba, P. Analytical expressions of field singularities at the edge of four right wedges 36107
Bressan, M. *see* Arcioni, P. 27148
Bressan, O. *see* Borgatti, R. 40325
Bressani, M., Odorico, A., Sica, M. High-speed, large-power induction motors for direct coupling to variable-speed gas compressors 17471
Bressani, T. *see* Antonelli, A. 24054
Bressers, J. *see* Hentea, T.I. 14895
Bressi, G. *see* Abbrescia, M. 7270
Bressler, V.E., Fischer, G.E., Ruland, R.E., Wang, T. High resolution Fresnel zone plate laser alignment system 7106
Bressler, V.E. *see* Fischer, G.E. 15362
Bressler-Hill, V. *see* Maboudian, R. 26415
Bressler-Hill, V. *see* Wang, X.-S. 698
Bressler-Hill, V. *see* Wang, X.-S. 34592
Brest, D. *see* Haas, R.W. 12780
Brestovansky, D.F. *see* Moinpour, M. 853
Bretenaker, F. *see* Dutriaux, L. 3756
Bretenoux, A., Marzat, C., Sardos, R. Turnstile reflecto-polarimeter using the principal incidence method: Determination of permittivities up to 1200°C and industrial applications 38663
Breternitz, M., Jr., Shen, J.P. Implementation optimization techniques for architecture synthesis of application-specific processors 18778
Breton, J.P.Le *see* Le Breton, J.P.
Breton, M., Tremblay, P., Cyr, N., Julien, C., Tetu, M., Villeneuve, B. Observation and characterization of ^{87}Rb resonances for frequency-locking purpose of a 1.53 μm DFB laser 3655
Breton, M. *see* Cyr, N. 6286
Breton, M. *see* Cyr, N. 6301
Breton, M. *see* Tetu, M. 6033
Breton, P.Le *see* Le Breton, P.
Breton, V. *see* Bertin, P.Y. 38937
Breton, V. *see* Malek, F. 38936
Bretones, A.Rubio *see* Rubio Bretones, A.
Bretschneider, E. *see* Rees, W.S., Jr. 756
Bretschneider, E. *see* Yu, J.E. 42655
Brett, M.J. *see* Liu, D. 10997
Brett, M.J. *see* Xiang Gui 42747
Bretz, E. Find blueprint for success in North Anna-1 SG replacement 39861
Bretz, E.A. Gas-turbine-based combined-cycle plants 16691
Bretz, E.A. CAA Phase I scrubbers: what utilities chose 47754
Breuer, H. *see* Kehr, M. 32628
Breuer, K. *see* Cohen, L.D. 1540
Breuer, M. *see* Mukherjee, D. 26767
Breuer, M. *see* Narayanan, S. 1164
Breuer, M. *see* Narayanan, S. 26768
Breuer, M.A. *see* Njinda, C.A. 28251
Breuer, U. *see* Schuppen, A. 27582
Breugnot, S., Defour, M., Rajbenbach, H., Huignard, J.P. Heterodyne detection of weak optical wavefronts buried in a photorefractive fanning noise 21012
Breuls, T. *see* Griffioen, W. 3002
Breuze, G., Serre, J. Gamma-ray vulnerability of light-emitting diodes, injection-laser diodes and pin-photodiodes for 1.3 μm-wavelength fiber optics 5959
Breveglieri, L. *see* Antola, A. 36897
Breveglieri, L. *see* Dell'Acqua, A. 7283
Breveglieri, L. *see* Dell'Acqua, A. 46998
Brewer, B. *see* Fustar, S. 39497
Brewer, K.L. *see* Miller, G.L. 24710
Brews, J.R., Allenspach, M., Schrimpf, R.D., Galloway, K.F., Titus, J.L., Wheatley, C.F. A conceptual model of a single-event gate-rupture in power MOSFETs 34987
Brewster, B. A coupled microstrip line review and design program 10391
Brewster, B.D., Robertson, I.D. A C-band microstrip varactor-tuned reflection phase shifter employing UHF general-purpose diodes 34219
Brewster, B.D., Robertson, I.D., Gemikonakli, O. Design and realization of a reduced-size microstrip 3-dB rat-race hybrid coupler 10419
Breydburd, A.I. *see* Chabdarov, Sh.M. 36900
Breydburd, A.I. *see* Chabdarov, Sh.M. 36901
Breydburd, A.I. *see* Chabdarov, Sh.M. 36902
Breydburg, A.I. *see* Chabdarov, Sh.M. 38003
Breyfogle, F.W., III Process improvement with Six Sigma 33419
Breyta, G. *see* Ito, H. 11051
Breyta, G. *see* Wallraff, G.M. 27957
Brez, A. *see* Angelini, F. 7225
Brez, A. *see* Angelini, F. 46951
Breza, J. *see* Lalinsky, T. 42853
Brezillon, P. *see* Perrot, L. 32241
Brezinski, C., Redivo-Zaglia, M. Hybrid procedures for solving linear systems 33522
Brglez, F. *see* Bhattacharya, S. 34028
Brglez, F. *see* Melton, M. 1725
Bria, O.N. *see* Hansen, J.H.L. 13127
Briand, P. *see* Melin, G. 15579
Briant, V., Germann, R. Cultivating management awareness of human performance issues 39789
Briar, J. *see* Freyman, B. 33404
Bricault, P. *see* Sortais, P. 15591
Briccarello, P., Ronco, E. User modeling in an OAM support system 45455
Brich, P., Topler, R. Teleservice with programmer and video interface 31065
Brich, V.G. *see* Prikhozhii, A.A. 1123
Bricheno, T. *see* Byron, K.C. 2965
Brickeen, B.K., Bryan, D.A., Fries, H.W. Coupling 4 watts CW from a diode-pumped Nd:YAG laser through a 5-μm-core single-mode fiber 35340
Brickell, E.F. *(editor)* Advances in Cryptology - CRYPTO '92. 12th Annual International Cryptology Conference Proceedings 17661
Bricker, K. *see* Magotra, N. 31980
Bride, J.A., Baskaran, S., Taylor, N., Halloran, J.W., Juan, W.H., Pang, S.W., O'Donnell, M. Photolithographic micromolding of ceramics using plasma etched polyimide patterns 18303
Bride, P. Library development techniques speed chip design 9884
Bridge, J.P. *see* Ladbrooke, P.H. 10446
Bridgeman, B., Montegut, M. Faster flicker rate increases reading speed on CRTs 23807
Bridger, K., Sutherland, A., Fiore, E., Bailey, A., Christodoulou, J., Winzer, S. Lead magnesium niobate dielectrics for high-field applications 17416
Bridges, F. *see* Li, G.G. 31818
Bridges, G.E. *see* Said, R.A. 35052
Bridges, J.F., Kang, Y.W., Kustom, R.L., Primdahl, K. High power testing of the prototype accelerating cavity (352 MHz) for the Advanced Photon Source (APS) 15499
Bridges, R.E., Boyd, R.W., Agrawal, G.P. Effect of beam ellipticity on self-mode locking in lasers 12313
Bridoux, E. *see* Gazalet, M.G. 43563
Bridoux, E. *see* Goutin, P. 11712
Brie, D., Cecchin, T., Sauter, D. Some robustness aspects of local validation algorithms: application to the monitoring of an eddy-current sensor 23572
Briedne, M. *see* Andren, B. 23918
Brierley, C.J. Thermal management with diamond 46658
Brierley, M.C. *see* Massicott, J.F. 20664
Brierley, S. *see* Pan, N. 9549
Brierley, S.K. *see* Kazior, T.E. 2597
Brigandi, A.J., Dargon, D.R., Sheehan, M.J., Spencer, T., III AT&T's call processing simulator

(CAPS) operational design for inbound call centers 45476
Brigati, S. *see* Dell'Acqua, A. 7283
Brigati, S. *see* Dell'Acqua, A. 46998
Brigginshaw, P. *see* Lowbridge, P. 8957
Briggs, A.T.R. *see* Wright, A.P. 3666
Briggs, D. *see* Hindi, H. 7090
Briggs, G.W. *see* Arpin, L.J. 5409
Briggs, H.C. Integrated modeling and design of a space-based interferometer test bed 24389
Briggs, M.C. *see* Hurley, P.K. 19563
Briggs, P.R., Jr., Slavin, L.M., Hershkowitz, E.E., Khan, S.A., Varachi, J.P., Jr. The removal of copper pairs of distribution cables to create paths for placing fiber cables 5708
Brigham, F. *see* de Vries, G. 41032
Bright, A. *see* Viswanathan, R. 26943
Bright, A. *see* Viswanathan, R. 28274
Bright, C.G., Turner, P.J. Turbine generator rotor double earth fault analysis 8284
Bright, J. International VPNs: stemming the tide of private networks 14077
Bright, J. GSM rollout: The long road to profitability 14475
Bright, J. Routing options for the branch office 45371
Brignell, J.E. Quo vadis smart sensors? 6386
Brignell, J.E. Vibrating strain elements: compensation and application 46395
Brignell, J.E. *see* Shi, W.J. 6399
Brignon, A., Huignard, J.-P. Transient self-diffraction in Nd:YAG saturable amplifiers 43814
Brignon, A., Huignard, T.-P. Two-wave mixing in Nd:YAG by gain saturation 3780
Briguet, A. *see* Ntoutoume, T. 7381
Brijs, B. *see* Lauwers, A. 19627
Briles, S.D. Information-theoretic performance bounding of Bayesian identifiers 21929
Brill, A.B. *see* Karellas, A. 15722
Brill, B., Heiblum, M., Shtrikman, H. Electron heating in doped GaAs—is it directional? 42426
Brillard, J.N., Marchand, P., Pereira, E. MDL 38: 38 GHz radio transmission system for urban links 22791
Brillinger, D.R. Distributions of particle displacements via higher-order moment functions 21795
Brillouet, F. *see* Goldstein, L. 18141
Brillson, L.J. Metal-semiconductor interfaces 27588
Brindhaban, S.A., Barker, P.H., Keeling, M.J., Wood, W.B. Accelerator beam energy calibration with the ^{27}Al(p,n) and ^{27}Al(p,γ) reactions 38797
Bringans, R.D., Biegelsen, D.K., Swartz, L.-E., Ponce, F.A., Tramotana, J.C. Initial stages of growth of ZnSe on Si 9535
Bringer, B. *see* Bousquet, J. 22931
Bringi, V.N. *see* Vivekanandan, J. 24480
Bringi, V.N. *see* Vivekanandan, J. 32088
Bringi, V.N. *see* Zrnic, D.S. 15995
Bringmann, U. *see* Weber, A. 41476
Bringuier, E. High-field transport statistics and impact excitation in semiconductors 42383
Brini, J., Ghibaudo, G., Kamarinos, G., Roux-dit-Buisson, O. Scaling down and low-frequency noise in MOSFET's Are the RTS's the ultimate components of the 1/F noise? 28153
Brini, J. *see* Mounib, A. 19764
Brini, J. *see* Roux-dit-Buisson, O. 19814
Brink, M.A.van den *see* van den Brink, M.A.
Brink, M.van den *see* van den Brink, M.
Brink, P.L., Goldie, D.J., Patel, C., Booth, N.E., Salmon, G.L. The effect of hotspot formation on quasiparticle yields in superconducting aluminium films 20191
Brink, P.L. *see* Booth, N.E. 20188
Brink, P.L. *see* Swift, A.M. 46947
Brink, R.F.M.van den *see* van den Brink, R.F.M.
Brinker, A.C.Den *see* Den Brinker, A.C.
Brinker, C.J., Warren, W.L., Logan, M.N., Ashley, C.S. Amorphous sol-gel insulating films 11389
Brinker, C.J. *see* Zhang, Y. 786
Brinkevich, D.I., Kazuchits, N.M., Petrov, V.V. Epitaxial layers Si:(Sn,Yb) produced by the crystallization from the melt-solution on the basis of Sn 9590
Brinkevich, D.I., Kazuchits, N.M., Petrov, V.V. Epitaxial layers Si:(Sn, Yb) produced by the crystallization from the melt-solution on the basis of Sn 18230
Brinkevich, D.I. *see* Borschensky, V.V. 9508
Brinkevich, D.I. *see* Borschensky, V.V. 18135
Brinkman, R.J. *see* Oscar van Deventer, M. 38102
Brinkmann, C., Schuster, H. Advanced new combustion technologies for coal-fired steam generators with high steam capacity 39961
Brinkmann, J. High capacity lead batteries for use in electric motor cars 40401
Brinkmann, R. Status of HERA 31543
Brinkmann, R. *see* Balewski, K. 46775
Brinkmann, R. *see* Barber, D.P. 31578
Brinkmann, R.P., Schoenbach, K.H., Stoudt, D.C., Roush, R.A. Sudden breakdown of bulk semiconductor switches 28635
Brinkmann, R.P. *see* Panigrahi, S. 27475
Brinkmeyer, E. *see* Glombitza, U. 23912
Brinkmeyer, E. *see* Sabert, H. 20665
Brinson, B.E. *see* Phillips, H.M. 18318
Brinthaupt, D., Letham, L., Maheshwari, V., Othmer, J., Spiwak, R., Edwards, B., Terman, C., Weste, N. A video decoder for H.261 video teleconferencing and MPEG stored interactive video applications 30972
Brinton, C.R. An implicit enumeration algorithm for arrival aircraft 39323
Brinton, C.R. *see* Halverson, C.A. 39321
Brion, J.-P.De *see* De Brion, J.-P.
Brion, J.P.De *see* De Brion, J.P.
Briones, F. *see* Gonzalez, L. 33595
Briones, F. *see* Huertas, P. 15095
Briones, F. *see* Tejedor, P. 38577
Briones, F. *see* Vila, A. 9543
Briot, N. *see* Briot, O. 26457
Briot, N. *see* Cloitre, T. 9526
Briot, N. *see* Cloitre, T. 9636
Briot, O., Briot, N., Abounadi, A., Gil, B., Cloitre, T., Aulombard, R.L. Reflectivity analysis of ZnS layers grown on GaAs and Si substrates by metal organic vapour-phase epitaxy 26457
Briot, O. *see* Cloitre, T. 9526
Briot, O. *see* Cloitre, T. 9636
Briot, R., Guillemot-Amadei, M.M., Pelourson, A., Garabedian, C. Generators for piezoelectric motors 8468
Briozzo, L. *see* Lanzoni, M. 41899
Bris, J.Le *see* Le Bris, J.
Brisco, B. *see* Brown, R.J. 32103
Briscoe, J.D., Staniewicz, R.J., Williams, M. Rechargeable pulse power lithium alloy/iron disulfide batteries 17211
Briscoe, P. ATM: what does it promise? 13954
Briscoe, P. Development of a multimatrix routing switcher control system for the CBC Toronto Broadcast Centre 23292
Brisebois, M. *see* Andreasen, L. 37652
Briskin, A.M., Mizyuk, L.Ya. Generator equipment for multifrequency aerial prospecting by electric methods 47241
Briskin, S. *see* Lyandres, V. 13300
Briskin, S. *see* Lyandres, V. 29585
Brislawn, C.M. *see* Bradley, J.N. 7627
Brislawn, C.M. *see* Bradley, J.N. 13352
Brissaud, I. *see* Arbaner, J. 23993
Brisset, C. *see* Dollfus, P. 2574
Brisset, C. *see* Dollfus, P. 2575
Bristow, J., Sullivan, C., Mukherjee, S., Liu, Y., Husain, A. Progress and status of guided wave optical interconnection technology 7532
Britcher, C.P., Ghofrani, M. A magnetic suspension system with a large angular range 4021
Britcher, C.P. *see* Groom, N.J. 24388
Britt, P.P. *see* Walker, J.R., Jr. 24566
Brittain, K., Dalnodar, D., Sottile, M.R. Unique applications of custom MIL-STD-1553 ASIC 39287
Britten, A.C. *see* du Plessis, P. 40378
Britten, P., Holmes, J., Benhaim, P., Langlais, T., Shelley, M. Aeronautical applications of Ku-band 22929
Brittin, J. *see* Parker, M. 25137
Brittner, P., Hacker, H.U., Maier, R., Pfister, U., Praxuhn, D., Singer, H., Speiss, W., Stassen, R., Stockhorst, H., Zumloh, A. The stochastic-cooling system of COSY 7066
Britton, C.L., Jr., Alley, G.T., Simpson, M.L., Wintenberg, A.L., Yarema, R.J., Zimmerman, T., Boissevain, J., Collier, W., Jacak, B.V., Simon-Gillo, J., Sondheim, W., Sullivan, J.P., Lockyer, N. Design and characterization of the BVX: an 8-channel CMOS preamplifier-shaper for silicon strips 46993
Britton, D.I. Progress in the development of light weight nickel electrode 17235
Britton, D.L. *see* Smithrick, J.J. 32044
Britvich, G.I., Vasil'chenko, V.G., Peresypkin, A.I., Rykalin, V.I., Kornilovskaya, L.D., Malinovskaya, S.A., Skripkina, V.T., Shershukov, V.M., Yushko, E.G., Kulinichenko, A.V., Pyshchev, A.I. Investigation of radiation resistance of polystyrene-based scintillators 7165
Britvich, G.I. *see* Antipov, A.V. 7196
Brizard, C., Regnard, J.R., Allain, J.L., Bourret, A., Dubus, M., Armigliato, A., Parisini, A. Backscattering spectrometry and ion channeling studies of heavily implanted As^{+} in silicon 19536
Brizoux, M. *see* Nallino, M. 448
Brizzi, R. *see* Fouaidy, M. 15516
Broadbent, E.K. *see* McInerney, E.J. 822
Broaddus, W.C. *see* Gillies, G.T. 47114
Broadhurst, A.D. *see* Fraser, D.D. 14558
Broadhurst, A.D. *see* Kemp, G.V. 14850
Broadwater, R.P., Rahman, S., Shaalan, H.E., Lee, R.E. A distribution engineering workstation for undergraduate and graduate education 32408
Broadwater, R.P., Shaalan, H.E., Fabrycky, W.J., Lee, R.E. Decision evaluation with interval mathematics: a power distribution system case study 47502
Broadwater, R.P. *see* Phadke, A.G. 26095
Broady, D.J. *see* Wu, Z. 44613
Broberg, B. *see* Kjellberg, T. 20848
Broche, C. *see* Lobry, J. 44204
Brocious, F. *see* Borland, J.O. 34703
Brock, E. The application of expert systems in network management 45431
Brock, J.R. *see* Chung, C.W. 10935
Brock, J.R. *see* Po-Sheng Chang 34741
Brock, M.J. *see* Larson, E.N. 10597
Brock, N.A., Jackson, D.M. Formal verification of a fault tolerant computer 39178
Brock, P.J. *see* MacDonald, S.A. 11073
Brock, T. *see* Chen, Y. 6505
Brock, T. *see* Gutierrez-Aitken, A.L. 20568
Brock, T. *see* Moore, K.E. 19917
Brock, T. *see* Yi Chen 31225
Brocke, R., Gochlich, T., Noack, F. Numerical simulation of low-voltage protective devices 47574
Brockenbrough, A.E. *see* Lewis, M.E. 39408
Brockett, S. *see* Trunk, G. 23131
Brockhaus, A. *see* Bausky, J. 23545
Brockherde, W. *see* Hammerschmidt, D. 31210
Brockhoff, K.K., Rao, V.R. Toward a demand forecasting model for preannounced new technological products 200
Brocklehurst, J.R. *see* White, H.J. 11795
Brocklesby, A. *see* Unewisse, M.H. 46509
Brockmann, R. *see* Bachler, J. 46944
Brockmeyer, A., Schulting, L. Modelling of dynamic losses in magnetic material 8551
Brockmeyer, A. *see* Daum, W. 2959
Brodu, R. *see* Davids, C.N. 24115
Brodd, D. *see* Kozawa, A. 40398
Brodd, R.J., Lundquist, J.T., Morris, J.L., Shuckle, D.R. New rechargeable polymer battery system 40447
Brodd, R.J. *see* Juergens, T. 40439
Broderick, C., Inggs, M.R. An ISDN interface for the PC compatible 14289
Broderick, N.G.R., de Sterke, C.M. Launching gap solitons in nonuniform gratings 35996
Brodersen, R.W., Chandrakasan, A., Sheng, S. Design techniques for portable systems 38201
Brodersen, R.W. *see* Chandrakasan, A.P. 28271
Brodersen, R.W. *see* Chandrakasan, A.P. 41947
Brodersen, R.W. *see* Kornegay, K.T. 14883
Brodersen, R.W. *see* Mangelsdorf, C. 26155
Brodersen, R.W. *see* Sun, J.S. 26772
Brodie, D.E. *see* Zhang, D.H. 18241
Brodie, D.E. *see* Zhang, S. 34524
Brodkorb, A., Kiessling, F. Power supply systems in Europe [railways] 48346
Brodskey, W.L. *see* Ling, Y. 1688
Brodsky, E.L. *see* Wells, G.M. 27996
Brodsky, I. The future of mobile data 45799
Brodsky, J., Harder, C., Kipnis, P., Chow, P. Feasibility study of transferring commercial end-use load data 8787
Brodsky, S.A., Guest, C.C. Content addressable network implementations 11790
Brody, P.S. *see* Bennett, K.W. 35143
Brody, P.S. *see* Vaudin, M.D. 11374
Broeck, H.van der *see* van der Broeck, H.
Broeck, H.W.van der *see* van der Broeck, H.W.
Broek, C.van den *see* van den Broek, C.
Broek, W.van den *see* van den Broek, W.
Broeke, L.A.D.van den *see* van den Broeke, L.A.D.
Broekman, H.J.D. Effective communication with interactive media 13943
Broemmelsiek, C. *see* Albaus, R. 25226
Broenink, J.F., Wijbrans, K.C.J. Describing discontinuities in bond graphs 18029
Broers, A.N. *see* Hoole, A.C.F. 27411
Broers, A.N. *see* Maloney, C.E. 42347
Broers, A.N. *see* Morikuni, K. 27888
Broers, A.N. *see* Pan, X. 2288
Broers, A.N. *see* Rosolen, G.C. 2305
Broerse, J.J. *see* Gelenns, J. 24174
Broersen, P.M.T., Wensink, H.E. A framework for autoregressive theory 13427
Brofferio, C. *see* Alessandrello, A. 15622
Brofferio, C. *see* Alessandrello, A. 24024
Brofferio, C. *see* Alessandrello, A. 24025
Brofferio, C. *see* Alessandrello, A. 24031
Broggi, F. *see* Acerbi, E. 15541
Broggi, F. *see* Acerbi, E. 15542
Brogle, P. *see* Trippe, L.M. 40096
Broglia, M. *see* Schweitzer, P.J. 5227
Brogueira, P., Grebner, S., Wang, F., Schwarz, R., Chu, V., Conde, J.P. Low filament temperature deposition of a-Si:H by catalytic chemical vapor deposition 26486
Brogueira, P. *see* Schwarz, R. 34500
Brobet, C.R. *see* Li, G.P. 15858
Brohl, M. *see* Graf, D. 34700
Broida, T. Tracking point features with distributed imaging sensors 46091
Broja, M. *see* Scheermesser, T. 13478
Brokaw, A.P. *see* Mangelsdorf, C. 26155
Brol, L. *see* Rusek, A. 40177
Brol, L. *see* Rusek, A. 40178
Brombacher, A., Van Geest, E., Arendsen, R., Van Steenwijk, A., Herrmann, O. Simulation, a tool for designing-in reliability 447
Brombacher, A. *see* Van Geest, E. 2618
Brombacher, A.C. *see* van Geest, D.C.L. 35059
Bromborsky, A. *see* Levush, B. 27417
Bromley, R.C., Bottomley, E. Failure modes, effects and criticality analysis (FMECA) 39158
Bromstead, J.R. *see* Johnson, R.W. 18472
Bron, G. *see* Kaan, A.P. 6928
Bronaugh, E.L. The EMC society contribution to EMC standards 44417
Bronaugh, E.L., Osburn, J.D.M. New ideas in EMC instrumentation and measurement 44388
Bronaugh, E.L. *see* Osburn, J.D.M. 36247

Bronikowski, M.J., Wang, Y., Hamers, R.J. Antiphase boundaries as nucleation centers in low-temperature silicon epitaxial growth 9654
Bronner, P.E. *see* Koullias, I.A. 37861
Bronner, W., Hornung, J., Kohler, K., Olander, E., Wang, Z.-G. Integration of a quantum well laser with AlGaAs/GaAs-HEMT electronics 20585
Bronner, W. *see* Bertuccio, G. 31788
Bronner, W. *see* Braunstein, J. 27263
Bronner, W. *see* Hornung, J. 3380
Bronner, W. *see* Hulsmann, A. 27315
Bronnimann, C., Daum, M., Loffler, J. Centering of the PSI neutron beam 46805
Bronoel, G., Tassin, N., Rouget, R., Potier, T. Sealed bipolar Ni-Cd batteries 17208
Brons, S., Bruckner, W., Heidrich, M., Konorov, I., Paul, S. Use of ultra thin semiconductive layers as passivation in microstrip gas chambers 46865
Bronzini, F. *see* Bocciolini, M. 24082
Bronzino, J.D. *see* Ning, T. 31920
Brook, M. *see* Villanueva, Y. 36289
Brook, W.S. Corrosion protection of transformers associated switchgear and connections 16942
Brooke, M. *see* Buchanan, B. 18906
Brooke, M. *see* Tabler, J. 16232
Brooke, M.A. *see* Sculley, T.L. 10235
Brooke, M.A. *see* Thomsen, A. 9967
Brooker, H.R. *see* Fitzsimmons, J.R. 7388
Brookfield, D.J., Ekrekli, A. Identification of frictional behaviour in robot drives 8837
Brookfield, D.J. *see* Chen, H.B. 23657
Brooking, E. *see* Harris, F. 27062
Brookman, J.S. *see* Parks, W.F. 20890
Brooks, B. Reuse of engineering data: configuration management and SPICE model card conversion 42832
Brooks, C.B. *see* Foster, B. 31714
Brooks, D.H., Nikias, C.L. Multichannel adaptive blind deconvolution using the complex cepstrum of higher order cross-spectra 13223
Brooks, D.L., Halpin, S.M., King, R.L. Extensions of large-scale power system simulation algorithms to include the effects of dispersed generation 47859
Brooks, J.D. *see* Soukup, R.J. 26100
Brooks, J.S. *see* Athas, G.J. 10015
Brooks, K.G. *see* Chen, J. 11365
Brooks, K.G. *see* Udayakumar, K.R. 11371
Brooks, K.G. *see* Udayakumar, K.R. 11409
Brooks, M. Approximation complexity for piecewise monotone functions and real data 41133
Brooks, M. *see* Mills, G.B. 46893
Brooks, M.J. *see* Chojnacki, W. 4966
Brooks, M.S.S. *see* Nordstrom, L. 2784
Brooks, R., Hendricks, D., George, R., Wasko, K. Direct chip attach—a viable chip mounting alternative 10599
Brooks, R. *see* Becher, C. 384
Brooks, R. *see* Williamson, F.R. 6131
Brooks, R. *see* Williamson, F.R. 23190
Brooks, T. *see* Astrachan, P. 1263
Brooks, T.W. A lead-free alloy for electronics soldering 34394
Brooks, W.A. *see* Fargues, M.P. 38149
Brooksby, R.C. *see* Jian Wei 42601
Broom, C., Zasowski, B., Withey, P. Plant availability improvement, using resistivity discrimination for feedwater heater level control 16671
Broomfield, S.E., Neil, M.A.A., Paige, E.G.S. Four-level, phase only, spatial light modulator 3206
Broomhead, D.S. *see* Hughes, D.T. 36636
Brophy, T.J., Shankar, P.M., Bobb, L.C. Formation and measurement of tapers in optical fibers 3055
Broquetas, A., Mallorqui, J.J., Rius, J.M., Jofre, L., Cardama, A. Active microwave sensing of highly contrasted dielectric bodies 7360
Broquetas, A. *see* Aguasca, A. 23161
Broquetas, A. *see* Anguela, X. 30870
Broquetas, A. *see* Elias-Fuste, A. 32052
Brorson, S.D. *see* Yokoyama, H. 3710
Brorsson, G., Olsson, E., Nilsson, P.A., Claeson, T. Growth and properties of $YBa_2Cu_3O_{7-x}/(SrTiO_3/PrGaO_3)/YBa_2Cu_3O_{7-x}$ trilayers: optimization of the insulation 26428
Brorsson, G. *see* Olsson, E. 2874
Brosch, N. *see* Almoznino, E. 13528
Broschat, S.L. The small slope approximation reflection coefficient for scattering from a "Pierson-Moskowitz" sea surface 32101
Brosnan, C.C. *see* Atrens, A. 18368
Bross, A.D. *see* Abbott, B. 7245
Brossier, J.M. *see* Amblard, P.O. 4732
Brosson, P. Analytical model of a semiconductor optical amplifier 35871
Broten, G.S., Wood, H.C. A neural network approach to analysing multi-component mixtures 15237
Brothers, C., teRaa, J. Assessing the potential capacity credit of a wind farm in Prince Edward Island 32815
Brothers, L.R., Lee, D., Wong, N.C. Terahertz optical frequency comb generation and phase locking of an optical parametric oscillator at 665 GHz 36019
Brothers, P.R. *see* Morgan, M.D. 7552
Brotherton, S.D. *see* Ayres, J.R. 34953
Brotherton, T., Mears, E. Application of neural nets to feature fusion 29598
Brotherton, T., Pollard, T., Barton, R., Krieger, A., Marple, L. Application of time-frequency and time-scale analysis to underwater acoustic transients 14733
Brotherton, T., Pollard, T., Jones, D. Applications of time-frequency and time-scale representations to fault detection and classification 15957
Brotherton, T. *see* Marple, L. 21893
Brotman, J. *see* Carter, G.M. 43848
Brotton, D. *see* Camezind, H.R. 26674
Brotzen, F.R. *see* Griffin, A.J., Jr. 42752
Brotzen, F.R. *see* Griffin, A.J., Jr. 42769
Brou, R. *see* He Zhiyong 46884
Brouaye, F. Asymptotic normality of some Hermitian forms with complex noisy data 44939
Brouet, J. *see* Gahungu, F. 16423
Brough, C.A. *see* Haddock, J.L. 47429
Brouillette, C.R. *see* Markham, J.R. 6680
Brouk, V.L., Vorobjev, V.K., Klimenkov, E.V., Mokhov, V.M., Tishin, V.G. The longitudinal motion simulation in the control system of U-1.5 and U-70 accelerators 15456
Broussely, M. *see* Staniewicz, R.J. 17246
Broussely, M. *see* Staniewicz, R.J. 17250
Brovdiy, N.K., Gnatyuk, M.A., Lychak, M.M., Masol, A.N. The TERMIS-2 control system 23414
Brovelli, L.R., Germann, R., Reithmaier, J.P., Jackel, H., Meier, H.P., Melchior, H. Transform-limited picosecond optical pulses from a mode-locked InGaAs/AlGaAs QW laser with integrated passive waveguide cavity and QW modulator 20790
Brovtsyn, A.K. Experimental investigations of the reflectivity of metal surfaces to ultrasonic signals 18334
Browder, M.K., Nunnally, W.C. General engineering model for linear and nonlinear photoconductive switches 28638
Browder, T.E. *see* Alexander, J.P. 24110
Browder, T.E. *see* Alexander, J.P. 46860
Brower, W.E., Jr. *see* Bauer, R.A. 817
Browers, J. *see* Helkey, R. 20896
Brown, A. The right acquisition for PC data gathering? 46328
Brown, A. *see* Lam, W. 19120
Brown, A. *see* Wender, S.A. 7232
Brown, A.D. *see* Nichols, K.G. 41562
Brown, A.D. *see* Nichols, K.G. 42083
Brown, A.J.C. High speed optical measurement of 3D surfaces 46626
Brown, A.J.W., Fisher, C.H. A 6.5-J flashlamp-pumped Ti:Al_2O_3 laser 28778
Brown, A.J.W. *see* Fisher, C.H. 20716
Brown, A.O., Bhuva, B., Kerns, S.E., Stapor, W.J. Practical approach to determining charge collected in multi-junction structure due to the ion shunt effect 35077
Brown, A.R. *see* Greenham, N.C. 35600
Brown, A.R. *see* Greenham, N.C. 35615
Brown, A.S. *see* Brown, J.J. 27203
Brown, A.S. *see* Matloubian, M. 1503
Brown, A.S. *see* Matloubian, M. 42211
Brown, A.S. *see* Metzger, R.A. 2470
Brown, A.S. *see* Schramm, J.E. 27746
Brown, A.S. *see* Zakharov, N.D. 768
Brown, B.C., Chester, N.S., Harding, D.J., Martin, P.S. The design and manufacture of the Fermilab Main Injector dipole magnet 15535
Brown, B.H., Barber, D.C. Electrical impedance tomography 47099
Brown, B.J. *see* Lusk, T.A. 47463
Brown, B.M. *see* McCormack, D.K.R. 45228
Brown, B.S. *see* Brauer, J.R. 41205
Brown, C. *see* Coombs, D. 13585
Brown, C.D. Male/female mentoring: turning potential risks into rewards 40721
Brown, C.H. Flat panel display from component to substrate 23811
Brown, C.N. *see* Kaplan, D.M. 46937
Brown, C.P. Process solutions for ultra fine pitch production 34403
Brown, D. The European Nervous System experience 37537
Brown, D.A., Rizkalla, M.E. Design of an integrated voice and data communications link for local area networks 14213
Brown, D.B. *see* Freitag, R.K. 34976
Brown, D.D., Korhonen, M.A., Borgesen, P., Li, C.-Y. Analysis of thermal stress induced void growth during thermal cycling 34810
Brown, D.D. *see* Borgesen, P. 34805
Brown, D.D. *see* Korhonen, M.A. 10989
Brown, D.D. *see* Korhonen, M.A. 34797
Brown, D.G. *see* Anderson, M.P. 36583
Brown, D.M. *see* Ghezzo, M. 2417
Brown, D.R. A new fuel channel for Bruce NGS 'A' 8112
Brown, D.R. *see* Tracey, J.S. 7872
Brown, D.R. *see* Venkatapathi, S. 8111
Brown, D.W. *see* Danek, M. 18262
Brown, E.R. *see* Aull, B.f. 3386
Brown, E.R. *see* Ng, S.H. 19731
Brown, G., Forte, P., Malyan, R. Non-linear shape abstraction for automatic inspection 33808
Brown, G., Forte, P., Malyan, R., Barnwell, P. Perceptual feature based object recognition for automatic inspection 40997
Brown, G. *see* Forte, P. 1726
Brown, G. *see* Groff, S. 19700
Brown, G.A. *see* Revesz, A.G. 1964
Brown, G.C., Pryputniewicz, R.J. Investigation of a submillimeter cantilever beam of variable cross section by computational and hologram interferometry methods 3910
Brown, G.D. *see* Knudsen, D.R. 6020
Brown, G.D. *see* Knudsen, D.R. 6089
Brown, G.F. *see* Momoh, J.A. 32367
Brown, G.J. *see* Cooke, M.P. 4544
Brown, G.J. *see* Cooke, M.P. 29515
Brown, G.M. Fringe analysis for automotive applications 12408
Brown, G.M. *see* Afek, Y. 14111
Brown, G.N. *see* Johnson, D. 5365
Brown, G.S. Improvements to the composite surface model for scattering from rough surfaces 4073
Brown, G.W. *see* Kenney, T.J. 22168
Brown, H.M. *see* Rydqvist, B. 7334
Brown, I.G. Rare-earth doping by ion implantation and related techniques 10838
Brown, I.G. *see* Wolf, B.H. 15590
Brown, J. Robotic joint offers smooth manipulation for space station 7515
Brown, J. Design software leads to better drivetrains 26153
Brown, J. *see* Nguyen, L. 1526
Brown, J.A., Tice, G.A. Containment penetrations—flexible metallic bellows testing, safety, life extension issues 32574
Brown, J.A. *see* Kantrowitz, M.L. 25183
Brown, J.B., Lombard, C.M. Seeker Analysis Toolbox 7527
Brown, J.C. *see* Hill, R.J. 8915
Brown, J.E.C., Hurst, P.J., Der, L. Design of an analog DFE for disk-drive applications 28374
Brown, J.J., Brown, A.S., Rosenbaum, S.E., Schmitz, A.S., Matloubian, M., Larson, L.E., Melendes, M.A., Thompson, M.A. Study of the dependence of $Ga_{0.47}In_{0.53}As/Al_xIn_{1-x}As$ power HEMT breakdown voltage on Schottky layer design and device layout 27203
Brown, J.J. *see* Khare, R. 27749
Brown, J.J. *see* Schramm, J.E. 27746
Brown, J.J. *see* Shealy, J.B. 28191
Brown, J.J. *see* Shealy, J.B. 43012
Brown, J.K. *see* Hasegawa, B.H. 15761
Brown, J.K. *see* Soo Chin Liew 31868
Brown, J.R., DeRouin, E. Integrated detection and segmentation for hyperspectral imagery using neural networks 22222
Brown, Jr., T. *see* Rishton, S.A. 28164
Brown, J.S. *see* Hargis, M.C. 38490
Brown, K. *see* Changjing Shang 38178
Brown, K.A. *see* Richards, K.M. 25117
Brown, K.C. Integrated inspection programs at Bruce Heavy Water Plant 16570
Brown, K.C., Insalaco, L., Szeto, E. Interaction between photoresist pre-treatment and high aspect ratio contact and via hole definition 19659
Brown, K.L. *see* Algazi, V.R. 4476
Brown, K.M., Linfield, E.H., Jones, G.A.C., Ritchie, D.A., Thompson, J.H. Fabrication of a novel split-backgate transistor by in situ focused ion-beam lithography and molecular-beam epitaxial regrowth 28211
Brown, L., Il Jaatun, M.G. Secure file transfer over TCP/IP 30446
Brown, L., Kwan, M., Pieprzyk, J., Seberry, J. Improving resistance to differential cryptanalysis and the redesign of LOKI 12964
Brown, L.A., Knight, J.A.G., Croft, A., Hargreaves, M. Acoustic imaging using nearfield holography 44161
Brown, L.A. *see* Tichenor, D.A. 27831
Brown, L.D., Liu, R.C. Bounds on the Bayes and minimax risk for signal parameter estimation 21472
Brown, L.F. Ferroelectric polymers: current and future ultrasound applications 11359
Brown, L.G., Maguire, G.Q., Noz, M.E. Landmark-Based 3D fusion of SPECT and CT images 31832
Brown, L.M. *see* Veerasamy, V.S. 27647
Brown, M. Compounding of ethylene-propylene polymers for electrical applications 35159
Brown, M. Combined heat and power. Positive progress in the UK 47745
Brown, M., Carboni, N., Cowan, N., Fairless, J., French-St.George, M., Lindsay, D., Roberts, T., Ryan, D. Orbitor: a new personal communications concept 37859
Brown, M., Linfield, E.H., Ritchie, D.A., Jones, G.A.C., Grimshaw, M.P., Pepper, M. Resonant tunneling between parallel, two-dimensional electron gases: a new approach to device fabrication using in situ ion beam lithography and molecular beam epitaxy growth 42521
Brown, N.W. *see* Temme, M.I. 7550
Brown, O., Maslowski, A., Nabatian, D., Shahbazi, S. Lightning surge behavior of thick film metallic resistors 25053
Brown, P. GPS applications in sonobuoys 46126

Brown, P., Ciapala, E., Geschonke, G., Peschardt, E. Operation of superconducting cavities in LEP 15355
Brown, P.D. *see* Treado, T.A. 27418
Brown, P.F. *see* Bahl, L.R. 44761
Brown, P.G., Harrington, P.V. Defining network capabilities using the voice of the customer 45379
Brown, P.J. *see* Tuncay, R.N. 17527
Brown, P.K. A GPS sensor for 'once in a lifetime' applications 23247
Brown, P.M. Solid state radioisotopic energy converter for space nuclear power 7554
Brown, R. Generalizations of the Chua equations 26661
Brown, R. Glossary of telephony terms 40788
Brown, R. All eyes are on Omaha: innovative technology tests running side-by-side 46243
Brown, R., Ellis, L. Telcos rush headlong into video 45423
Brown, R. *see* Baldygo, W. 23204
Brown, R. *see* Cai, L. 46052
Brown, R. *see* Chua, L.O. 18448
Brown, R. *see* Derenchuk, V. 31620
Brown, R. *see* Gallo, S. 17855
Brown, R. *see* Minty, M. 15342
Brown, R. *see* Shultz, E.K. 14093
Brown, R. *see* Upton, M. 27003
Brown, R.A., Maroudas, D., Sinno, T. Modelling point defect dynamics in the crystal growth of silicon 41230
Brown, R.A. *see* Bornside, D.E. 652
Brown, R.A. *see* Kinney, T.A. 643
Brown, R.A. *see* Reza Mehrabi, M. 18091
Brown, R.A. *see* Zhou, W. 41231
Brown, R.B., Upton, M., Chandna, A., Huff, T.R., Mudge, T.N., Oettel, R.E. Gallium-arsenide process evaluation based on a RISC microprocessor example 11322
Brown, R.C. *see* Vaughan, N.P. 31824
Brown, R.D. *see* Moyer, L.R. 23121
Brown, R.D. *see* Moyer, L.R. 30877
Brown, R.H. *see* Garside, J.J. 25405
Brown, R.J., Brisco, B., Leconte, R., Major, D.J., Fischer, J.A., Reichert, G., Korporal, K.D., Bullock, P.R., Pokrant, H., Culley, J. Potential applications of RADARSAT data to agriculture and hydrology 32103
Brown, R.L. The fringe distance measure: an easily calculated image distance measure with recognition results comparable to Gaussian blurring 36978
Brown, R.L., Bone, R.L. A comparison of MCM packaging technologies for a 32-bit high-performance processor 17888
Brown, R.L., Shapiro, A.A. Integrated passive components and MCMs: the future of microelectronics 1758
Brown, R.L., Shapiro, A.A., Polinski, P.W. The integration of passive components into MCMs using advanced low-temperature cofired ceramics 9256
Brown, R.W. *see* Althaus, L. 127
Brown, R.W. *see* Thompson, M.R. 43370
Brown, R.W. *see* Tse, P.K. 33450
Brown, S.A. *see* Mellor, C.J. 42720
Brown, S.D., Rose, J., Vranesic, Z.G. A stochastic model to predict the routability of field-programmable gate arrays 26800
Brown, S.D. *see* Lemieux, G.G. 18410
Brown, S.E. *see* Ostrout, W.H. 2295
Brown, T. *see* Davison, R. 37306
Brown, T. *see* Hightower, C.H. 23165
Brown, T. *see* Parsons, S. 37351
Brown, T. *see* Spooner, H. 8147
Brown, T., Jr. *see* Mii, Y. 43122
Brown, T.F. *see* Greenstein, D. 47059
Brown, T.G. *see* Prelewitz, D.F. 44047
Brown, T.L. *see* Ostrout, W.H. 2295
Brown, T.R. *see* Murphy-Boesch, J. 39008
Brown, V. *see* Paul, A. 4308
Brown, V.J. *see* Bardati, F. 7320
Brown, W. A novel nearly 4π steradian gimballess optical transmitter 14572
Brown, W.D. *see* Ang, S.S. 27593
Brown, W.D. *see* Ang, S.S. 42587
Brown, W.D. *see* Naseem, H.A. 311
Brown, W.D. *see* Naseem, H.A. 9251
Brown, W.D. *see* Ranade, R.M. 19558
Brown, W.J. *see* Gross, F.B. 29150
Brown, W.L. *see* Barr, D.L. 33721
Brown, W.L. *see* Weber, A. 42754
Brown, W.P., Valley, G.C. Kinky beam paths inside photorefractive crystals 3901
Brown, W.W. *see* Bussmann, M. 34139
Brown, W.W. *see* Bussmann, M. 42018
Brown de Colstoun, F. *see* Boggavarapu, D. 12249
Brown-Goebeler, K.F. *see* Kiely, P.A. 43026
Browne, A.K., Marshall, J.M., Goldie, D.M., Hepburn, A.R. Transport properties of glow-discharge amorphous silicon grown under different deposition conditions 27504
Browne, A.K. *see* Bayley, P.A. 42435
Browne, G.J. *see* Smith, G.F. 17801
Browne, J. Circuit-board materials gear for wireless use 1720
Browne, J. Noise signals are versatile system testers 6361
Browne, J. DSP techniques aid arithmetic synthesizer 9998
Browne, J. Superconducting circuits make practical strides 10483
Browne, J. Test set eases phase-noise measurements 23856
Browne, S. Communication and synchronization issues in distributed multimedia database systems 22587
Browne-Marke, D.D., Birdsall, R., Kawamura, K., Wakui, H. The integration of digital microwave radio systems under the telecommunications management network (TMN) 14062
Browning, D.F. *see* Wilcox, R.B. 35715
Browning, J. *see* Qin, S. 2021
Browning, N. *see* Birkhahn, R. 11524
Browning, R. *see* Hordon, L.S. 29106
Brownjohn, N.A. *see* Walker, A.C. 11904
Brownlee, D.C. *see* Yee, L. 32491
Brownlow, D.L. *see* Inniss, D. 2986
Broyde, F., Clavelier, E. Comparison of coupling mechanisms on multiconductor cables 34297
Broyde, F., Clavelier, E., Givord, D., Vallett, P. Discussion of the relevance of transfer admittance and some through elastance measurement results 34298
Broyles, J.W. *see* Nugent, W.A. 16093
Brozek, J.P. DC overcurrent protection—where we stand 25056
Brozovich, R.S. *see* Komiak, J.J. 1618
Bru, B. *see* Amendola, G. 15300
Bruan, R.-P., Caspar, C., Foisel, H.-M., Heimes, K., Strebel, B. Signalling experiment for transparent OFDM switching nodes 30576
Bruaset, A., Faremo, H., Ildstad, E. Initiation site analysis of vented water trees in XLPE cables 11383
Brubach, J. *see* Yoffe, G.W. 3084
Brubach, J. *see* Yoffe, G.W. 3187
Brubach, J. *see* Yoffe, G.W. 20401
Brubaker, M.A., Nelson, J.K. A methodology for the prediction of static charge in a transformer structure 47920
Brubakk, A.O. *see* Eftedal, O. 31902
Bruce, A.J. *see* Nykolak, G. 11650
Bruce, G., Granstrom, B. Prosodic modelling in Swedish speech synthesis 4504
Bruce, I., Kester, W. The pre-A/D amplifier 10230
Bruce, P.G., Rennie, J., Vincent, C.A. Three-electrode cell system for the study of reversible cathodes in rechargeable lithium batteries 25661
Bruce, R. *see* Jian, P. 27780
Bruce, R. *see* Tarof, L.E. 20524
Bruce, V.J. Energy resolved emission microscopy 35050
Bruce, W.C., Gallup, M.G., Giles, G., Munns, T. Implementing 1149.1 on CMOS microprocessors 10204
Bruchhaus, R., Pitzer, D., Eibl, O., Scheithauer, U., Hoesler, W. Investigation of Pt bottom electrodes for 'in-situ' deposited $Pb(Zr,Ti)O_3$ (PZT) thin films 9692
Bruchmann, K. Resolver compatible angular transducer with passive rotor design 40102
Bruck, J. *see* Blaum, M. 36521
Bruck, J. *see* Blaum, M. 36523
Bruckbauer, T. *see* Wienhard, K. 47046
Brucker, C. *see* Schlichting, W. 35313
Bruckner, A. *see* Fallmann, W. 11097
Bruckner, B., Landes, H., Rathjen, B. Improvement of the electronic contact between the bipolar plate and cathode of a SOFC: model experiments and screening of interfacial coatings 17374
Bruckner, D.G. Transparency from a system security engineering design perspective 206
Bruckner, H.J. *see* Kaden, C. 34856
Bruckner, H.J. *see* Zengerle, R. 28683
Bruckner, H.J. *see* Zengerle, R. 35451
Bruckner, H.W., Franken, G., Parmar, D.S. Extendable optical fibre curled-cord 3058
Bruckner, V. *see* Kramer, M. 35992
Bruckner, W., Schumann, J., Griessmann, H. Temperature dependence of aging drift in CuNi films on alumina ceramic substrates 9798
Bruckner, W. *see* Barber, D.P. 31578
Bruckner, W. *see* Brons, S. 46865
Bruckner, W. *see* Rathmann, F. 6941
Bruckner, W. *see* Zetschel, F. 46800
Bruckstein, A. *see* Lindenbaum, M. 45090
Bruckstein, A. *see* Linderbaum, M. 4792
Bruckstein, A.M. *see* Sapiro, G. 509
Brucoli, M., Carnimeo, L., Trovato, M. Synthesis of decentralised controllers for the decoupling and the performance improvement of multimachine power systems 16233
Brucq de, D. *see* Oliver, C. 4688
Bruder, J.A., Greneker, E.F., Danckwerth, D. Application of aerostat radars to drug interdiction 46086
Brueck, S.R.J. *see* Chu, A.-S. 2183
Brueck, S.R.J. *see* Sze, T. 20830
Brueck, S.R.J. *see* Yu-Chue Fong 41279
Bruegge, C.J., Duval, V.G., Chrien, N.L., Diner, D.J. Calibration plans for the Multi-angle Imaging SpectroRadiometer (MISR) 24463
Bruemmer, H.P. *see* Froschle, B. 28142
Bruemmer, H.P. *see* Froschle, B. 2173
Brueske, D.E. *see* Embabi, S.H.K. 41991
Brug, H.van *see* van Brug, H.
Brugeas, I., Bonamour, P., Lepetit, B., Reineix, A., Jecko, B. Theoretical study of the coupling of an external field with an aircraft 44383
Brugeas, I. *see* Alaeddine, A. 12723
Brugel, N., Carnus, P., Pugnet, M., Collet, J., Nardo, L., Iehl, J.L. Picosecond grating dynamics in GaAs and CdTe at 1.064 μm 3789
Brugel, N. *see* Nardo, L. 3263
Brugere, H. *see* Biegelmeier, G. 207
Brugge, H.B. *see* Chowdhury, V. 2257
Bruggeman, F. *see* Kohl, A. 9643
Bruggemann, F. *see* Waschke, C. 44119
Bruggemann, G., Daalder, J.E., Heinemeyer, R., Blower, R.W. MV/LV distribution transformer fault protection 25499
Bruggemann, R., Main, C., Bauer, G.H. Some aspects of the role of holes in the transient response of a-Si:H pin-diodes 28091
Bruggemann, R. *see* Carius, R. 42465
Bruggemann, R. *see* Main, C. 35561
Bruggendieck, S., Lavacher, F.K. Historical development of cables for data and energy 19179
Brugger, H., Meiners, U., Diniz, R., Suski, T., Gornik, E., Forster, A., Luth, H. Hydrostatic pressure sensors based on solid state tunneling devices 46387
Brugger, H., Wolk, C., Mussig, H. Selective implantation patterning and MBE regrowth for integration of MM-wave application heterojunction devices 10482
Brugger, H. *see* Diniz, R. 11127
Brugger, H. *see* Knapp, B. 32517
Brugger, H. *see* Meiners, U. 43017
Brugger, H. *see* Rydberg, A. 36376
Brugger, J., Jaecklin, V.P., Linder, C., Blanc, N., Indermuhle, P.F., de Rooij, N.F. Microfabricated tools for nanoscience 27622
Brugger, R. DAB shared-channel networks at 1.5GHz 46173
Bruggink, G.H. *see* Baikie, I.D. 33775
Bruggink, G.H. *see* Baikie, I.D. 38666
Brugia, O., Carbonelli, M., De Seta, D., Perucchini, D. PLL bandwidth impact on slave clock output short term stability 18529
Brugnano, L., Trigiante, D. Stability properties of some boundary value methods 9472
Brugnera, R. *see* Gasparini, F. 46980
Bruguier, G. *see* Moreau, Y. 35075
Bruijn, M.P. *see* le Grand, J.B. 24051
Bruijn, M.P. *see* Patel, C. 20200
Bruin, M.G.De *see* De Bruin, M.G.
Bruinsma, P.J.T. *see* Heine, E. 15566
Bruinsma, P.J.T. *see* van der Linden, A. 15405
Bruinsma, P.J.T. *see* van der Linden, A. 15567
Bruk, Yu.M., Zakharenko, V.V. Broadband compensation for dynamic-range measurements by intermodulation 29211
Brukiewa, T.F. Active arrays: the key to future radar systems development 4323
Brule, L. *see* Cochran, L. 32057
Bruls, E., Sachdev, M., Baker, K. Comments on 'Totally self-checking CMOS circuit design for breaks and stuck-on faults' 10102
Bruls, E.M.J.G. *see* Harvey, R.J.A. 27095
Bruls, E.M.J.G. *see* Rodriguez-Montanes, R. 11311
Brum, J.A. *see* Bernussi, A.A. 42501
Brummer, E. *see* Georgi, W. 6867
Brummer, J.N.L. Characterization of digital channels using hidden Markov models 12813
Brummer, N. *see* Adam, W. 46929
Brun, A. *see* Balembois, F. 3494
Brun, A. *see* Gao, J. 7138
Brun, A.Le *see* Le Brun, A.
Brun, E. *see* Hamaide, J.-P. 20339
Brun, K., Flack, R.D. A method to measure periodic velocity fields in multi-element turbomachines with discrete sampling 47838
Brun, L., Bergeron, P., Duguay, M.A., Ouellette, F., Tetu, M. Optical fiber alignment using cleaved-edge diffracted light 3016
Brun, N. *see* Normandon, P. 19626
Brun, R. *see* Barnett, I. 15672
Bruna, G.B., Sargeni, A. A CPT, classical perturbation theory, approach to slow varying, small reactivity reactor kinetics 39871
Brunco, D.P., Kittl, J.A., Otis, C.E., Goodwin, P.M., Thompson, M.O., Aziz, M.J. Time-resolved temperature measurements during pulsed laser irradiation using thin films metal thermometers 6839
Brundermann, E. *see* Densing, R. 20948
Brune, J. Active and passive Terahertz measurement-technology with a flexible quasi-optical measurement system at 600 GHz 15182
Brune, R., Weissler, W. SIMODRIVE 611 converter system—now in digital technology 33100
Bruneau, A.-M. *see* Bruneau, M. 32134
Bruneau, A.-M. *see* Skvor, Z. 38439
Bruneau, M., Bruneau, A.-M., Hamery, P. An improved approach to modeling the behaviour of thin fluid films trapped between a vibrating membrane and a backing wall and surrounded by a reservoir at the periphery 32134
Bruneel, C. *see* Assaad, J. 16067
Bruneel, C. *see* Gazalet, M.G. 43563
Bruneel, H. *see* Steyaert, B. 5168
Bruneel, H. *see* Steyaert, B. 13877
Bruneel, H. *see* Tison, C. 30221

Bruneel, H. *see* Xiong, Y. 5146
Brunelle, P. Beam dynamics with four undulators on super-ACO: experimental and theoretical results 6955
Brunelle, P. *see* Level, M.-P. 15290
Brunelli, R., Poggio, T. Caricatural effects in automated face perception 13556
Brunelli, R., Poggio, T. Face recognition: features versus templates 21944
Bruner, M. *see* Prasad, S. 20009
Brunet, H., Mabru, M., Vannier, C. Repetitively-pulsed HF chemical laser with high average power 11991
Brunet, H. *see* Clavier, E. 11967
Brunet, H. *see* Clavier, E. 28927
Brunet, H. *see* Lacour, B. 20627
Brunet, H. *see* Prigent, P. 11993
Brunet, J.M. *see* Adam, W. 46929
Brunet, Y. *see* Tixador, P. 39671
Bruneteau, A.M. *see* Skinner, D.A. 38822
Bruneteau, J. *see* Courteille, C. 15597
Bruneteau, J. *see* Courteille, C. 46816
Brunetta, S., Semerano, A., Lorusso, M. Visual inspection for industrial automatic quality control 26226
Brunetti, L. Thin-film electrooptical property study for FIR absolute radiometers 15006
Brunetti, L., Monticone, E. Properties of nickel thin films on polyimide substrata for HF bolometers 23625
Brunetti, M.T. *see* Bocciolini, M. 24082
Brunger, W. *see* Reimer, K. 28005
Brunger, W.H., Blaschke, J., Torkler, M., Buchmann, L.-M. Edge roughness of a 200-nm pitch resist pattern fabricated by ion projection lithography 27919
Brunger, W.H. *see* Kohlmann-von Platen, K.T. 26508
Brungs, M. *see* Chadwick, B. 31337
Bruni, M., Bisero, D., Tonini, R., Ottaviani, G., Queirolo, G., Bottini, R. Electrical studies on H-implanted silicon 42400
Bruni, M.R. *see* Salviati, G. 693
Bruning, A.M., Campbell, F.J. Aging in wire insulation under multifactor stress 24945
Bruning, A.M., Danikas, M.G. Experiments on polymer cavity currents above and below CIV 43206
Bruning, A.M. *see* Onodi, T. 35177
Bruning, A.M. *see* Turner, N.H. 43201
Bruning, O.S. Slow emittance growth due to modulation effects in the presence of nonlinear fields 38785
Brunink, J.A.J., Bomer, J.G., Engbersen, J.F.J., Verboom, W., Reinhoudt, D.N. Effects of anionic sites on the selectivity of sodium-sensitive CHEMFETs 6470
Brunn, P.O. *see* Vorwerk, J. 31515
Brunnader, H. *see* Hull, R. 15264
Brunner, C.C. *see* Funck, J.W. 6787
Brunner, D., Schnyder, G., Glavitsch, H. Load model for the distribution network. Identification of the load components makes it possible to estimate daily load curves 32413
Brunner, H., Mattausch, H.J., Mitlehner, H. 2D-simulations of the surge current and reverse recovery behaviour of fast power diodes 1040
Brunner, K. *see* Baumgartner, P. 28197
Brunner, M. Operating experience with plants in adhering to the 17th regulation to the Federal Emission Control Act (17th BImSchV) 39918
Brunner, M., Schmid, R., Schmitt, R., Sturm, M., Gessner, O. Contactless testing of multi-chip modules 40934
Brunner, M. *see* Schmitt, R. 46544
Brunner, T., Sanda, P., Wordeman, M., Lii, T. 170 nm gates fabricated by phase-shift mask and top anti-reflector process 2276
Brunner, T.A. Rim phase-shift mask combined with off-axis illumination: a path to 0.5 λ/NA geometries 2267
Brunner, T.A. Rim phase-shift mask combined with off-axis illumination: a path to 0.5λ/numerical aperture geometries 11027
Brunner, T.A. New focus metrology technique using special test mask 42797
Brunnett, G., Kiefer, J. Interpolation with minimal-energy splines 26334
Brunnhuber, A. *see* Ulrich, A. 43726
Brunnschweiler, A. *see* Routley, P. 18583
Bruno, A., Giraudet, L., Legros, E., Ghirardi, F., Menigaux, L., Scavennec, A., Carenco, A. 3dB coupler-balanced pin pair JFET circuit integrated on InP for coherent detection 11884
Bruno, A. *see* Ghirardi, F. 20371
Bruno, A.I. *see* Maud, M.A. 21899
Bruno, G. *see* Cicala, G. 9791
Bruno, L., Cavuoti, G., Nocentini, M., Ricci, R., Sarti, G.C. Seed impurity effects on plasma conductivity in MHD plants based on gas fuel 25347
Bruno, M. *see* Mastinu, P.F. 31723
Brunone, D. *see* Huei Wang 34274
Bruns, G., Anderson, S. The formalization and analysis of a communications protocol 45503
Bruns, H.-D., Singer, H., Mader, T. Field distributions of a hand-held transmitter due to the influence of the human body 36102
Bruns, J. *see* Eschrich, H. 40484
Bruns, M. *see* Pambianchi, M.S. 20181
Bruns, M. *see* Schoning, M.J. 6469
Brunsbach, B.-J., Henneberger, G., Klepsch, T. Position controlled permanent excited synchronous motor without mechanical sensors 8350
Brunson, G.R. *see* Arpin, L.J. 5409
Brunson, K.M. *see* Sands, D. 27592
Brunst, G. *see* Nagy, A. 42436
Brunsvold, W., Stewart, K., Jagannathan, P., Sooriyakumaran, R., Parrill, J., Muller, K.P., Sachdev, H. Evaluation of a deep UV bilayer resist for sub-half micron lithography 11082
Brunsvold, W. *see* Conley, W. 11056
Brunt, R.J.Van *see* Van Brunt, R.J.
Brunthaler, G. *see* Ostermayer, G. 42411
Brunton, A.N. *see* Fraser, G.W. 24125
Brunwand, E. Designing self-timed systems using concurrent programs 41599
Brunzie, T. *see* Baroth, E. 38416
Brusaglino, G. Traction motors for electrically propelled vehicles 40605
Brusaglino, G. *see* Szumanowski, A. 48269
Brusasca, G., Elisei, G., Marzorati, A., Catenacci, G., Lesjak, M. Experimental campaign for a thermal power plant environmental impact assessment: use of remote sensing instrumentation and advanced mathematical models 16625
Bruschi, M. *see* Bertin, A. 31795
Bruschini, C., Darbo, G., Martinengo, P., Salvo, C., Malferrari, L., Passaseo, M., Ryzhov, V., Torelli, M. The Beauty Contiguity Processor of the BEATRICE experiment 38888
Bruschini, C. *see* Beer, A. 31662
Brusenbach, P., Uchida, T.K., Parsons, C., Kim, M., Quinn, W.E., Swirhun, S.E., Shtengel, G., Temkin, H. Vertical-cavity surface-emitting lasers with 14 GHz bandwidth 28820
Brusenbach, P. *see* Bae, J.W. 3626
Brusenbach, P. *see* Bae, J.W. 28806
Brusenbach, P. *see* Bae, J.W. 28816
Brusenbach, P. *see* Shtengel, G. 35858
Brusenbach, P. *see* Shtengel, G. 44021
Brusenbach, P.R., Swirhun, S., Uchida, T.K., Kim, M., Parsons, C. Equivalent circuit for vertical cavity top surface emitting lasers 12145
Brusenback, P.R. *see* Yang, L.W. 11167
Brush, H. *see* Xu, X.-L. 9704
Brush, J.S., Kadtke, J.B. Dynamical matched filters for transient detection and classification 44928
Brush, J.S. *see* Kadtke, J.B. 37051
Brusic, V., Frankel, G.S. Corrosion and protection of thin metallic films 34839
Brusic, V., Frankel, G.S., Rush, B.M., Schrott, A.G., Jahnes, C., Russak, M.A., Petersen, T. Corrosion and passivation of Fe and FeN films 11488
Bruske, G. *see* de Silva, J.R. 47467
Brusmark, B. *see* Gaunaurd, G.C. 46045
Brusmark, B. *see* Strifors, H.C. 23084
Brusmark, B. *see* Strifors, H.C. 23176
Brusq, R. *see* Bouville, C. 31050
Brussaard, G., Dijk, J., Liu, K., Derksen, J. Tropospheric propagation characteristics at Ku-band for satellite to ground and LOS paths in Surabaya, Indonesia 29183
Brussaard, G. *see* de Maagt, P.J.I. 21238
Brussaard, G. *see* Maagt, P.J.I. 12596
Brussard, G. *see* van Dooren, G.A.J. 36176
Brussel, H.Van *see* Van Brussel, H.
Brussol, M., Bolus, D., Thomas, H., Cazein, P. Telepoint in France 14065
Brust, L. Trends in operating voltages for mixed-signal ICs 10340
Brustovskiy, V.F. Determination of the natural and induced impedances of parallel dipoles of arbitrary dimensions 29326
Bruton, L.T. *see* Lazar, M.S. 13356
Bruton, L.T. *see* Liu, X. 18876
Bruton, L.T. *see* Liu, X. 27073
Bruton, L.T. *see* Nowrouzian, B. 10255
Bruton, L.T. *see* Nowrouzian, B. 10322
Bruyant, J.-P. *see* Boutry, J.-M. 32036
Bruycker, A.De *see* De Bruycker, A.
Bruyelle, J.-L., Postaire, J.-G. Direct range measurement by linear stereovision for real-time obstacle detection in road traffic 23888
Bruyelle, J.-L., Postaire, J.-G. Direct range measurement by linear stereovision for real-time obstacle detection in road traffic 40636
Bruyere, J.-C. *see* Robert, J.L. 42406
Bruyere, M. *see* Almberger, J. 47653
Bruyland, I., De Lameillieure, J., De Vriendt, J., D'Haeyer, J., Knoll, A. Comparison of progressive, interlaced and quincunx-subsampled scanning for reversible predictive coding 13779
Bruyland, I. *see* De Lameillieure, J. 14803
Bruynseraede, Y. *see* Wu, M.F. 10882
Bruynseraede, Y. *see* Wu, M.F. 27642
Bruzzese, R. *see* Matarazzo, S. 43346
Bruzzi, G. *see* Pattavina, A. 5153
Bruzzone, H., Moreno, C., Vieytes, R. Measurement of the time-evolution of averaged impedances in a small atmospheric pressure spark-gap 8686
Bryan, D.A. *see* Brickeen, B.K. 35340
Bryan, R.P., Jewell, J.L., Olbright, G.R., Fu, W.S. Smart pixel optoelectronic interconnects: integrated microlasers-transistors 3389
Bryan, R.P. *see* Olbright, G.R. 35620
Bryan, R.P. *see* Schneider, R.P. 781
Bryanov, D.I., Kosichkin, Yu.V., Mel'nickuk, I.M., Murzin, V.N., Svistov, A.E., Chizhevskii, E.G., Shotov, A.P. Magnetoresistance of microcontact between metal and IV-VI semiconductor 1931
Bryant, C.M., Jr. *see* Basu, S. 44344
Bryant, D.T., Salzman, K., Hudgens, R. Ku-band monolithic 7-watt power amplifier using AlGaAs/GaAs 0.25-μm T-gate heterostructure FET technology 1611
Bryant, P.L. Leveraging the public switched telephone network infrastructure for wireless PCS 45474
Bryant, R. *see* Varma, A. 13897
Bryce, A.C. *see* Marsh, J.H. 3398
Bryce, A.C. *see* Ooi, B.S. 27674
Bryden, W.A., Hawley, M.E., Ecelberger, S.A., Kistenmacher, T.J. Growth morphology of InN thin films by scanning tunneling and atomic force microscopies and X-ray scattering 9740
Bryden, W.A. *see* Kistenmacher, T.J. 758
Bryden, W.A. *see* Kistenmacher, T.J. 1842
Bryden, W.A. *see* Kistenmacher, T.J. 33662
Bryg, W. *see* Kurpanek, G. 41918
Bryhan, A.J., Chan, R.C. Fabricating niobium test loops for the SP-100 space reactor 7555
Brykin, M.V., Zaltsman, I.G., Kalyazin, A.L., Kovalenko, V.A., Shikov, V.K. Radiative-convective heat transfer in slag films on the coal-fired MHD-generator channel walls 25735
Bryksin, V.V., Dorogovtsev, S.N., Korovin, L.I. Initialization of the holographic current constant component by recording pattern oscillation in photorefractive crystals 3904
Bryksin, V.V., Dorogovtsev, S.N., Korovin, L.I. Appearance of a DC component of the holographic current during oscillatory motion of an interference pattern 29033
Bryksin, V.V., Korovin, L.I., Petrov, M.P. Light propagation in a twisted single-mode birefringent fiber 35361
Bryngdahl, O. *see* Fetthauer, F. 30134
Bryngdahl, O. *see* Peter, T. 12464
Bryngdahl, O. *see* Scheermesser, T. 13478
Brys, C. *see* Morf, T. 35618
Bryskiewicz, B. *see* Lu, Z.H. 27730
Bryson, N.A., Gass, S.I. Solving discrete stochastic linear programs with simple recourse by the dualplex algorithm 543
Bryson, P. *see* Dance, D. 17927
Bryson, S. Effects of lag and frame rate on various tracking tasks 22247
Bryukhanov, Yu.A. Control of the duration of the transients in a digital phase locked loop system 10249
Bryzek, J. Smarter, less-costly sensors are on the way 14984
Brzakovic, D. *see* Sari-Sarraf, H. 36665
Brzezinski, J. *see* Blazewicz, J. 14105
Brzozowy, D.J. *see* Hansen, S.G. 11086
Brzozowy, D.J. *see* Jeffries, A.T., III 11068
Brzozswski, J.A. *see* Chuan-Jin Shi 26799
Bshouty, N.H. On the direct sum conjecture in the straight line model 33516
Bu, J.C., Deprettere, E.F., Dewilde, P. High resolution underwater acoustical imaging in time-domain 14734
Bu, Y., Ma, L., Lin, M.C. Laser-assisted chemical vapor deposition of InN on Si(100) 9719
Bu Xiao-Ming A symmetrical form of 9-parameter double set parameter element and generalized conforming element 18107
Buaud, P.P. *see* Hu, Y.Z. 34759
Bub, R., Henderson, W., Wrigley, D., Wilson, J. A case-based reasoning system for troubleshooting 40913
Bube, E. *see* Eversmeyer, K.E. 5075
Bube, R.H. A new mechanism for superlinear photoconductivity with relevance to amorphous silicon 11824
Bube, R.H. *see* Donghwan Kim 34516
Bube, R.H. *see* Kim, D. 10814
Bubenko, J. *see* Tomsovic, K. 32355
Bubnov, M.M., Dianov, E.M., Semjonov, S.L. Maximum values of strength and fatigue parameter n for hermetically coated optical fibers 3064
Bubnov, M.M., Semjonov, S.L. Strength of carbon and dual hermetically coated fibres at ambient and high (>400°) temperatures 35375
Bubnov, M.M. *see* Abramov, A.A. 11609
Bubnov, V.P. *see* Lugansky, L.B. 2918
Bubulac, L.O. *see* Arias, J.M. 11838
Bubulac, L.O. *see* Shin, S.H. 10790
Buccella, C., Cristina, S., Orlandi, A. EMI in a reinforced concrete control building during breaker and disconnector operations in HV substations 40383
Buccheri, P., Mangione, S., Miceli, R., Finocchiaro, E., Nicola, G. Methods to evaluate the contribution of shield wires and metallic sheaths to the drainage of ground fault current 16469
Bucci, G., Gentile, G., Germano, A., Rotondale, N., Scarano, M. Applicability of transputers for real-time feeding strategy of linear induction motors 40224
Bucci, M., Di Porto, A., Menicocci, R., Montolivo, E. On pseudorandom sequence decimation 44651

Bucci, N.J., Urkowitz, H. Testing of Doppler tolerant range sidelobe suppression in pulse compression meteorological radar 23193
Bucci, O.M., Gennarelli, C., Savarese, C. Interpolation of electromagnetic radiated fields over a plane by nonuniform samples 36094
Bucci, R.M., Palmer, R.E. Planning electric distribution systems for developing nations 39555
Bucci, R.M. *see* Hassan, I.D. 8785
Bucek, F. *see* Boyko, C. 1740
Bucelot, T. *see* Viswanathan, R. 26943
Bucelot, T. *see* Viswanathan, R. 28274
Buchacher, E., Smolak, A., Wetzlinger, H. Applications of information technology in the load distribution centre of the Austrian River Drau electricity generating works 47798
Buchan, N.I. *see* Bona, G.-L. 28863
Buchanan, B., Madisetti, V., Brooke, M. Performance of a fast analog VLSI implementation of the DFT 18906
Buchanan, B. *see* Namavar, F. 10883
Buchanan, C. *see* Abbott, B. 7245
Buchanan, D.A. *see* Cartier, E. 2142
Buchanan, D.A. *see* Cartier, E. 34694
Buchanan, D.A. *see* Marwick, A.D. 19448
Buchanan, M. *see* Dai, H. 3401
Buchanan, M. *see* Janz, S. 11635
Buchanan, M. *see* Jianmeng Li 34591
Buchanan, M. *see* Liu, H.C. 23635
Buchanan, M. *see* Liu, H.C. 31211
Buchanan, M. *see* Liu, H.C. 46442
Buchanan, M. *see* Wilson, P.H. 6501
Buchanan, M.C., Zellweger, P.T. Scheduling multimedia documents using temporal constraints 5327
Buchanan, N. Works and networks: information art and the use of low-end electronics for individual and community projects 46254
Buchanan, P.G. *see* Mawston, I.G. 40414
Buchanan, W.J., Gupta, N.K. Maxwell's equations in the 21st century 3953
Buchau, J. *see* Fukui, K. 47252
Buchauer, O., Hiltmann, P., Kiehl, M. Sensitivity analysis of initial-value problems with application to shooting techniques 41170
Buchecker, R. *see* Schmitt, K. 43490
Buchegger, C. *see* Rothfritz, H. 43875
Buchelnikov, V.D. *see* Vasil'ev, A.N. 2787
Bucher, E. *see* Jager-Waldau, G. 27701
Bucher, E.A. *see* Castagnozzi, D.M. 30724
Bucher, E.A. *see* Jeromin, L.L. 14564
Bucher, H. *see* Patzel, R. 2362
Buchheim, G. *see* Kirscht, F.-G. 2006
Buchheim, R. Experience gained with electric and hybrid cars in large scale production trials 40581
Buchheit, S.J. *see* Jackson, D.R. 21400
Buchholtz, D. *see* Avery, R.E. 7257
Buchholz, D. *see* Avery, R.E. 7258
Buchholz, D.B. *see* Nordin, R.A. 43415
Buchholz, H., Lenz, H., Runge, M. Latest-technology remote control system in service on the Munich underground 8942
Buchholz, M. *see* Jones, C.E. 31632
Buchholz, V., Colwell, M., Orton, H.E., Wong, J.Y. Elevated temperature operation of XLPE distribution cable systems 16329
Buchinskaya, I.I. *see* Antipov, A.V. 7196
Buchkremer, H.-P. *see* Jansen, H. 33017
Buchmann, L. *see* Schmor, P.W. 15580
Buchmann, L.-M. *see* Brunger, W.H. 27919
Buchmann, P. *see* Unger, P. 28934
Buchmann, P. *see* Unger, P. 35778
Buchmann, P. *see* Vettiger, P. 3641
Buchner, H. *see* Scherg, M. 31942
Buchner, P. Line 23 signalling 38223
Buchner, S., Kang, K., Krening, D., Lannan, G., Schneiderwind, R. Dependence of the SEU window of vulnerability of a logic circuit on magnitude of deposited charge 33989
Bucholtz, F. *see* Fabiny, L. 23654
Bucholtz, F. *see* Fabiny, L. 31260
Buchs, J.-D., Grabow, W. 5.8 GHz short range links for vehicle to roadside communication 30651
Bucht, U. *see* Hedlund, C. 20050
Buchtel, M.E. A virtual image superposing comparator 6786
Buchvarov, I., Christov, G., Saltiel, S. Transient behaviour of frequency doubling mode-locker. Numerical analysis 44132
Buchvarov, I., Saltiel, S. Passive feedback control of actively mode-locked pulsed Nd:YAG laser 20686
Buchwald, R., Delage, P. Special tests on feeding cables with fiber optics 24909
Buchwald, W. *see* Flemish, J.R. 9789
Buchwald, W. *see* Zhao, J.H. 2509
Buchwalter, L.P. *see* Lacombe, R.H. 40931
Buck, M. *see* Ajji, Z. 33742
Bucket, K., Moeneclaey, M. The effect of non-ideal interpolation on symbol synchronization performance 21498
Bucket, K., Moeneclaey, M. The effect of non-ideal interpolation on the BER performance of bandlimited DS/SS CDMA systems 37891
Bucket, K. *see* Moeneclaey, M. 22778
Buckingham, C.N. Program uses two-port models to design small-signal amplifiers 41685
Buckingham, M.J. *see* Mann, A.G. 18992
Buckle, K. *see* Singh, R.K. 857
Buckle, P.D. *see* Harrison, P.A. 42857
Buckle, P.D. *see* Turner, T.S. 42505
Bucklew, J.A. *see* Bahr, R.K. 21841
Buckley, D. Reflow—selecting the process 19225
Buckley, D.N., Swaminathan, V. *(editors)* Proceeding of the Sixteenth State-of-the-Art Program on Compound Semiconductors (SOTAPOCS XVI) and the Symposium on Materials and Processing Issues for Large Scale Integrated Electronic and Photonic Arrays 64
Buckley, J. Signalling in future networks 22428
Buckley, J.P. *see* Beard, K.W. 17199
Buckley, J.V. The gap between service requirement and service provision 37191
Buckley, K.M. *see* Link, M.J. 24371
Buckley, K.M. *see* Radich, B.M. 36773
Buckley, K.M. *see* Radich, W.M. 29710
Buckley, M.J. *see* Piatnicia, A.Y. 4288
Buckley, R.A. *see* Manaf, A. 20133
Buckley, R.A. *see* Manaf, A. 20134
Buckley, S., Tavormina, J.J. Automatic-non-contact 3-dimensional gaging via sensor fusion 23902
Buckley, S. *see* Tavormina, J.J. 6808
Buckman, A.B. *see* Giulianelli, L.C. 15042
Buckman, A.B. *see* Narayanan, C. 6461
Buckman, A.B. *see* Walser, R.M. 18947
Buckman, A.B. *see* Woei-Yun Ho 43643
Buckman, L. *see* Georges, J.B. 30586
Buckman, L.A., Georges, J.B., Park, J., Vassilovski, D., Kahn, J.M., Lau, K.Y. Stabilization of millimeter-wave frequencies from passively mode-locked semiconductor lasers using an optoelectronic phase-locked loop 28867
Bucknell, T.D. *see* Davies, G.J. 31740
Buckner, M.A., Sims, C.S., Miller, L.F. Improving the performance of the combination personal neutron dosemeter 32000
Buckner, W.F., Mouchard, P., Thomas, R., Wekenborg, H. Testing of vibration dampers for overhead transmission line conductors in the laboratory 16394
Buckner, W.F., Ruhle, R. Choice of appropriate vibration dampers for power lines 16395
Bucurenciu, M. *see* Bucurenciu, S. 38719
Bucurenciu, S., Bucurenciu, M., Deleanu, S. Influence of the non-uniformity of the rotor cup-wall thickness upon the induction tachometer zero-speed voltage 38719
Buczek, D. *see* Estes, R. 371
Buczek, H., Regnault, P., Zimmer, C., Affolter, N., Gilgen, H.H. Design of a fibre-to-chip coupling device with diffractive optical elements (DOE) 11625
Buczkowska, T. *see* Jang, J. 36912
Buczkowska, T. *see* Richards, A. 14166
Buczkowska, T. *see* Richards, A. 37125
Buczkowski, A., Rozgonyi, G., Shimura, F., Mishra, K. Photoconductance minority carrier lifetime vs. surface photovoltage diffusion length in silicon 3314
Buczkowski, A. *see* Braga, N. 34908
Buczkowski, A. *see* Liu, H.X. 34739
Buczma, E. *see* Mayer, H.A. 7958
Buda, A., Bacelar, J.C.S., Balanda, A., Van Klinken, J., Sujkowski, Z., Van Der Woude, A. A 4π dilepton spectrometer: PEPSI 7291
Budagov, J., Chirikov-Zorin, I., Glagolev, V., Jordanov, A., Kharzheev, Yu., Liba, I., Malyukov, S., Russakovich, N.A., Russakovich, N.L., Solovyev, A., Rohac, J., Tokar, S., Pantea, D., Cox, B., Dukes, E., Para, A., Chlachidze, G., Khubua, J., Minashvili, I., Aslanian, E., Bagdasarov, S., Pogosyan, G., Baran, A., Lavrova, Z., Levin, V., Poroshin, N. Energy resolution of a lead scintillating fiber electromagnetic calorimeter 46955
Budagov, J. *see* Bellamy, E.H. 31733
Budagov, J. *see* Bellamy, E.H. 46956
Budagov, J.A. *see* Fanourakis, G.K. 24011
Budai, D., Kehl, L.J., Poliac, G.I., Wilcox, G.L. An iconographic program for computer-controlled whole-cell voltage clamp experiments 7426
Budai, J.D. *see* LeGoues, F.K. 9569
Budai, J.D. *see* McCamy, J.W. 753
Budai, J.D. *see* Zhou, D.S. 34689
Budd, H. *see* Auchincloss, P.S. 46953
Budd, H.S. *see* Kinnel, T.S. 38880
Budd, R. *see* Ferguson, R. 26942
Budde, M. *see* Bielesch, U. 11944
Buddhavarapu, J. *see* Menon, R. 4653
Buddhudu, S. *see* Balaji, T. 11831
Buddhudu, S. *see* Balaji, T. 28613
Budenstein, P.P., Song, Y. Steep-fronted, single impulse breakdown in epoxy composites with powdered fillers 43186
Budge, M.C., Jr., Burt, M.P. Range correlation effects in radars 23194
Budgen, P.J. Risk assessment II 33296
Budhiraja, N. *see* Zukowski, D. 37549
Budicin, D. *see* Schaaf, U. 15359
Budilnir, D., Postoyalko, V., Richardson, J.R. Computer aided design of asymmetric E-plane bandpass filters with improved stopband performance 27165
Budilovich, N.V., Nechayev, V.G., Strukov, I.A., Tandit, A.V. Forced bias in a balanced orthomode mixer 27179
Budimir, D.S. *see* Postoyalko, V. 42163
Budin, D. *see* Wupperman, B. 33937
Budin, J., Gajsek, S. Measurement of shielding effectiveness of microwave-protective shirts 44450
Budin, J.-P. *see* Pikhtin, N. 12053
Budin, L. *see* Hostinsky, J. 29219
Budinger, J.M., Vanderaar, M., Wagner, P., Bibyk, S. Combinatorial pulse position modulation for power-efficient free-space laser communications 14568
Budka, K.C. Stochastic monotonicity and concavity properties of rate-based flow control mechanisms 45292
Budka, T.P. *see* Gauthier, G. 1423
Budko, T.O. *see* Andrievskii, V.F. 28672
Budkowski, S., Alkhechi, B., Benalycherif, M.L., Dembinski, P., Gardie, M., Lallet, E., Mouchel La Fosse, J.P., Souissi, Y. Formal specification, validation and performance evaluation of the Xpress transfer protocol 14116
Budnick, J. *see* Caussyn, D.D. 38778
Budnick, J. *see* Ellison, M. 38779
Budnick, J. *see* Huang, H. 23976
Budnick, J. *see* Li, D. 6973
Budnyak, Yu.A. Spectral analysis on the basis of linear symmetry of the correlation matrix 13186
Budrikis, Z.L. *see* Mercankosk, G. 22514
Budziak, A. *see* Adam, W. 7259
Budziak, A.P. *see* Adam, W. 31715
Budziak, A.P. *see* Adam, W. 46929
Budzinsky, Y.A., Kantyuk, S.P. A new class of self-protecting low-noise microwave amplifiers 6133
Buechler, J. *see* Luy, J.-F. 4272
Buechler, J. *see* Wollitzer, M. 10484
Buehler, M.G., Blaes, B.R., Soli, G.A., Tardio, G.R. On-chip p-MOSFET dosimetry [CMOS ICs] 35072
Buell, H., Doremus, D. The AN/ASN-157; a single LRU Doppler Navigation System for helicopters 39272
Buen, D.de *see* de Buen, D.
Buenerd, M. *see* Ballon, J. 31716
Buenerd, M. *see* Ballon, J. 46910
Buenerd, M. *see* Chauvin, J. 46861
Bueno, C. *see* Gale, A.A. 6578
Bueno, C.C., Damy de S. Santos Factors influencing the response of a gas proportional scintillator 7204
Bueno, E.A.B., Silva, S.R. Steady-state analysis of a wind turbine driven self-excited induction generator feeding DC loads 40075
Buernerd, M. *see* Ballon, J. 7203
Bues, D., Maier, J. Automated test lines in cordless telephone production 9209
Buf, J.M.H.du *see* du Buf, J.M.H.
Buff, W. *see* Moller, F. 2780
Buffarini, G.G., Mingozzi, E., Morelli, V. General criteria for the choice of supply system for the Italian high-speed railways 48355
Buford Price, P. *see* He, Y.D. 24088
Bugaev, S.P., Kanavets, V.I., Klimov, A.I., Koshelev, V.I., Khryapov, P.A., Cherepenin, V.A. Obtaining linearly polarized wave fields from a relativistic multiwave Cherenkov generator 27413
Bugg, W. *see* Davison, D. 31709
Buggins, P. Making managing your network easier 37320
Bugiel, E. *see* Klatt, J. 18208
Bugiel, E. *see* Lippert, G. 33619
Bugiel, E. *see* Osten, H.J. 41311
Bugrova, T.I. *see* Bankov, S.E. 4344
Bugyi, R. *see* Dmowski, A. 8563
Buhay, H. *see* Sinharoy, S. 43225
Buhay, S., Mahil, K.S. Robotics for steam generator maintenance 16562
Buhl, L.L. *see* Alferness, R.C. 45985
Buhl, L.L. *see* Heismann, F. 35440
Buhl, L.L. *see* Kim, I. 43888
Buhl, M.R. *see* Clark, G.A. 22294
Buhler, M., Umlauf, E. The noise of the magnetic bolometer 24004
Buhler, M. *see* Fausch, T. 24005
Buhler, S. *see* Cavedon, J.M. 15354
Buhler, U. *see* Bunke, H. 13756
Buhler, U. *see* Bunke, H. 22051
Buhmann, H., Wang, J., Mansouri, L., Beton, P.H., Eaves, L., Heath, M., Henini, M. Photohole-induced resonant tunneling of electrons in selectively etched small area GaAs/AlAs double barrier diodes 42851
Buhmann, J., Kuhnel, H. Vector quantization with complexity costs 21608
Buhr, W. *see* Kermanshahi, B.S. 16269
Buhrer, W. Triple-axis instrument with doubly focusing ('zoom') monochromator and horizontally focusing analyser: seven years experience 47000
Buhrig, W. *see* Boudriot, H. 33583
Bui, D. *see* Jouve, D. 40530
Bui, H.X. *see* Nguyen, T.T. 32192
Bui, L.Q., Uecker, D., Loose, E., Alon, Y. Test results of an experimental autonomous aircraft landing system utilizing a 94 GHz FM-CW imaging radar 7565
Bui, S. *see* Kobayashi, K.W. 19119
Bui, S.T. *see* Skeldon, M.D. 28912
Bui Ai *see* Duart, J.C. 35161

Bui-Nguyen, V. *see* Brace, M.C. 16278
Buinitskii, B.A., Kaplar, E.P., Kondrat'ev, F.V., Leppik, P.A., Nafikov, D.Ya., Pavelko, V.I., Rychev, A.S., Tarasov, V.P., Khlopkin, N.S. Experimental nuclear thermoelectric assembly 'Gamma'—a prototype of an unattended self-regulating nuclear thermoelectric station 8092
Buisson, J. Analysis of switching devices with bond graphs 9401
Buisson, X., Arnaud, R. Hydrothermal growth of quartz crystals in industry. Present status and evolution 41241
Buiteveld, H. *see* Roeters, P.B. 32110
Bujko, J., Gluszek, A. Knowledge-based approach to design of primary circuit diagrams of industrial medium voltage power substation 32368
Bukach, A.B., Zlotnikov, L.F. An investigation of stepping drives based on DVSh motors in certain problems of astronomical instrumentation 47910
Bukanov, I.P. System of two-dimensional binary signals with ideal periodic correlation functions 21483
Bukanov, I.P. The combinatorial structure of optimal systems of discrete frequency signals 36689
Bukanov, V.N. *see* Atamanchuk, I.G. 27659
Bukhanova, G.V. High-reliability RAMs: development trends 1215
Bukharin, S.V., Podkopayeva, I.L. Optimal synthesis of space-time signal-processing systems based on the L-problem of moments 13194
Bukharov, A.Yu. *see* Arumov, G.P. 20708
Bukhman, J. *see* Keller, E. 9224
Bukiet, B. Model-based adaptive enhancement of digital color images 4909
Bukreev, V.G. *see* Aleksandrov, D.M. 41546
Bukris, M. *see* Wulich, D. 21492
Bukris, M. *see* Wulich, D. 21504
Buksa, J., Elson, J., Kothe, D., McGhee, J., Morel, J., Perry, R.T., Rider, W. Fully coupled neutronic and hydrodynamic analysis of space nuclear reactor reentry accidents 24444
Buksh, P.A. *see* Quinn, P.D. 15454
Bukurov, Z. *see* Ljubicic, B. 39945
Bulaev, V.D. *see* Sherstobitov, V.E. 21056
Bulan, V.V., Oleinik, G.M. A nanosecond current transducer—a hybrid shunt and Rogowski loop 14981
Bulatov, I.G. The effect of an inhomogeneous field of random forces on pressure sensors 38747
Bulavinov, V.V. *see* Baraban, A.P. 34620
Bulavinov, V.V. *see* Bota, S.A. 34628
Bulck, P.Van Den *see* Van Den Bulck, P.
Bulcock, W.R. *see* Zmuda, M.W. 3030
Bulent Ertan, H. *see* Basyigit, C. 40074
Bulfone, D., Michelini, P. The ELETTRA power supply control system 15455
Bulfone, D. *see* Bocchetta, C.J. 7100
Bulgakov, V.F., Tolmachev, I.I. Eddy-current thickness gauges for automatic monitoring of light-alloy drilling tubes 41530
Bulhoes, L.O.de S. *see* de S. Bulhoes, L.O.
Bulinski, A., Bamji, S.S., Braun, J.-M., Densley, J. Water treeing degradation under combined mechanical and electrical stresses 43195
Bulinski, A.T. *see* Bamji, S.S. 43199
Bulkin, V.M., Kremenetskiy, S.D., Kurochkin, A.P., Los, V.F. Determination of the local scattering centers of objects from the measured values of the near field scattered by them 21193
Bull, D.A. *see* Carter, N.J. 39159
Bull, D.R., Harris, G.J., Rashed, A.B.B. A connectionist approach to fuel cell sensor array processing for gas discrimination 6667
Bull, D.R. *see* Horrocks, D.H. 13464
Bull, D.R. *see* Soloff, J.M. 45159
Bull, G.C. *see* Nickel, J.R. 7763
Bull, J.F. *see* Flam, R.P. 36202
Bulle-Lieuwma, C.W.T. *see* Oostra, D.J. 2016
Bulle-Lieuwma, C.W.T. *see* Overwijk, M.H.F. 27445
Bullen, D.J. Tidal stream energy 32787
Buller, G.S. *see* Walker, A.C. 11744
Bullington, R.G., Lovin, S., Miller, D.M., Woodall, W.H. Improvement of an industrial thermostat using designed experiments 421
Bullis, W.M., Gosele, U. *(editors)* Proceedings of the Second Symposium on Defects in Silicon. Defects in Silicon II 69
Bullock, D.L., Lainhart, M.E. Vector eigenmodes in a cylindrical laser 28902
Bullock, F.W. *see* Foster, B. 31714
Bullock, K.J., Vint, M.K. Hybrid transit bus power and energy requirements 48258
Bullock, P.R. *see* Brown, R.J. 32103
Bullock, S.R. Use geometry to analyze multipath signals 12593
Bullock, S.R. Phase-shift keying serves direct-sequence applications 36490
Bullock, T.E. *see* Moorman, M.J. 23117
Bullough, T.J. *see* Joyce, T.B. 2031
Bullough, T.J. *see* Joyce, T.B. 27643
Bullough, T.J. *see* Sun, D. 708
Bulmer, C.H. *see* Gopalakrishnan, G.K. 3384
Bulone, J. *see* Diaz Nava, M. 30584
Bulos, F. *see* Fieguth, T. 15555
Bulow, H., Pfeiffer, T., Veith, C. Polarisation-insensitive all-optical demultiplexing over a wide wavelength range in a short-fibre nonlinear optical loop mirror 30567
Bulow, H.von *see* von Bulow, H.
Bulsara, A. *see* Hibbs, A. 20209
Bulterman, D.C.A. Synchronization of multi-sourced multimedia data for heterogeneous target systems 13967
Bultitude, R.J.C., Melancon, P., Zaghloul, H., Morrison, G., Prokki, M. The dependence of indoor radio channel multipath characteristics of transmit/receiver ranges 4101
Bultitude, R.J.C. *see* Melancon, P. 37809
Buluswar, S. *see* Draper, B.A. 29754
Bulutay, C., Prasad, S. Analysis of millimeter waveguides on anisotropic substrates using the three-dimensional transmission-line matrix method 21336
Bulyak, E., Gladkikh, P., Shcherbakov, A. Neutralization of the beam space charge in electron storage rings 7056
Bulyak, E., Mutsykov, A. Method of defining the tolerances of storage ring lenses for imperfections and misalignments 7107
Bulyak, E.V., Kurilko, V.I., Makhnenko, L.A., Opanasenko, A.N., Ryabka, P.M. Transverse dynamics of short pulse beams in a sectioned resonant linear electron accelerator 46798
Bulychev, Yu.G. Decentralization of measurement information processing in the bearing-identification problem 6118
Bulychev, Yu.G., Burlai, I.V. Optimal estimation of the parameters of normal regression for extended observation models 44647
Bulychev, Yu.G., Burlay, I.V. Indirect method of estimating the local characteristics of the motion of objects from the results of radar measurements 46030
Bulychev, Yu.G., Korotun, A.A., Manin, A.P., Motorkin, V.A. Target position fixing using angle-measurement data from a mobile receiving station 14741
Bum Man Kim *see* Moon Shick Chung 1579
Bumble, B. *see* Febvre, P. 6168
Bumble, B. *see* Salez, M. 46148
Bumbulis, P.J., Cowan, D.D., Durance, C.M., Stepien, T.M. An introduction to the OSI directory services 5469
Bumeliene, S. *see* Brazis, R. 42372
Bun, R.A. Local errors in the method of generalised formulae for differentiation with back differences for solving differential equations with derivatives of higher orders 41189
Bun, R.A. *see* Bosik, L.V. 41188
Bunau, R.M.von *see* von Bunau, R.M.
Bunau, R.von *see* von Bunau, R.
Bunce, G. *see* Huang, H. 7044
Bunce, R.W. *see* Morgan, D.V. 11865
Bunch, J.R., LeBorne, R.C. Controlling error propagation for the recursive least squares prediction filter 33503
Bunch, R.M. *see* Acharya, M. 31305
Bunch, R.M. *see* Joenathan, C. 11602
Bunch, T.E. *see* Clark, C.D. 270
Bunciak, M. *see* Duricek, L. 2037
Buncic, P. *see* Bachler, J. 46915
Buncic, P. *see* Bachler, J. 46934
Buncic, P. *see* Baechler, J. 46909
Bundy, R. *see* Jordan, K. 15295
Bundy, S. *see* Mader, T. 34253
Bungartz, H., Griebel, M., Roschke, D., Zenger, C. A proof of convergence for the combination technique for the Laplace equation using tools of symbolic computation 26375
Bungay, H.R. A quiz by e-mail—individual windroses 108
Bunimovich, D., Nagli, I., Katzir, A. Absorption measurements of mixed silver halide crystals and fibers by laser calorimetry 38731
Bunis, J.L. *see* Abele, C.C. 3743
Bunjevac, H. *see* Omrcen-Ceko, G. 33821
Bunke, H., Buhler, U. 2-D invariant shape recognition using string matching 13756
Bunke, H., Buhler, U. Applications of approximate string matching to 2D shape recognition 22051
Bunke, H., Glauser, T. Viewpoint independent representation and recognition of polygonal faces in 3-D 22035
Bunke, H. *see* Jiang, X.Y. 22218
Bunke, H. *see* Sastry, R. 34099
Bunke, H. *see* Xiaoyi Jiang 45042
Bunker, G. *see* Boyanov, B.I. 31584
Bunn, D.W. Evaluating the effects of privatizing electricity 47396
Bunn, D.W., Larsen, E.R., Vlahos, K. Complementary modelling approaches for analysing several effects of privatization on electricity investment 7888
Bunney, C. *see* Hood, K.J. 6052
Bunning, T.J. *see* Sutherland, R.L. 35507
Bunpin Lin *see* Kakimoto, N. 39549
Bunse, S. *see* Wunstel, K. 30577
Bunshah, F.R. *see* Zhang, D. 21381
Bunt, R.B. *see* Reid, K.L. 37670
Bunt, R.B. *see* Willick, D.L. 45571
Bunte, A., Grotstollen, H. Parameter identification of an inverter-fed induction motor at standstill with a correlation method 8416
Bunten, B. *see* Engel, B. 24923
Bunyo, M. *see* Endo, K. 18272
Bunzel, E., Grass, H., Pfeiffer, W., Scheuerer, F. The stressing of the insulation of asynchronous motors supplied by frequency convertors 40159
Buoli, C., Cervi, L.A., Abbiati, A. Adaptive compensation for microwave linearizer 26747
Buoli, C. *see* Bonato, P. 14522
Buon Sing Lau *see* Kit Po Wong 24805
Buonanno, G., Lombardi, F., Sciuto, D., Shen, Y.-N. Fault detection in TFCMOS/DFCMOS combinational gates 1209
Buonanno, G. *see* Bezzi, G. 33842
Buonarota, A., Menga, P. An efficient method of recharging the lead-acid batteries of electric vehicles 48400
Buonarota, A. *see* Ceraolo, M. 48417
Buonarota, A. *see* Giglioli, R. 48308
Buoncristiani, A.M. *see* Hooker, M.W. 24489
Buoncristiani, M. *see* Kaminskii, A.A. 43761
Buono, L.Del *see* Del Buono, L.
Buono, S. *see* Ambrosini, G. 38419
Buono, S. *see* Ambrosini, G. 38898
Buonomo, S. *see* Sforza, M. 37934
Buontempo, S., Capone, A., Depedis, D., Di Capua, E., Dore, U., Ereditato, A., Fiorillo, G., Loverre, P.F., Macina, D., Mazzoni, M.A., Mazzucato, E., Meddi, F., Palladino, V., Piredda, G., Riccardi, F., Ricciardi, S., Saitta, B., Santacesaria, R., Strolin, P., Zucchelli, P. Design and test performance of the high resolution CHORUS calorimeter 31696
Buot, F.A. Mesoscopic physics and nanoelectronics: nanoscience and nanotechnology 28250
Buot, F.A., Rajagopal, A.K. High-frequency behavior of quantum-based devices: equivalent-circuit, nonperturbative-response, and phase-space analyses 28066
Buot, F.A. *see* Salvino, R.E. 19357
Burachas, S.F., Borodenko, Yu.A., Globus, M.E., Zhukov, A.G., Zelenskaya, O.V., Novikova, I.G., Pirogov, E.N. Spectrometric scintillation modules based on bismuth germanate crystals 31768
Burachas, S.F. *see* Avdeichikov, V.V. 7239
Burakhanov, B.M. *see* Alekseev, G.Yu. 25774
Burakov, V.A., Butov, V.G., Koroleva, L.A., Panchenko, V.P., Sizov, V.V., Tselikov, A.N., Yakushev, A.A. Investigation of the erosion of insulation walls of a pulsed MHD generator 25706
Burakov, V.A. *see* Koroleva, L.A. 25756
Burakowski, W., Gajowniczek, P. Leaky Bucket dimensioning and cell traffic characterization 13862
Buralli, B., Coroller, J.-F., Sauvan, M., Coppola, J., Domaine, Y. Missile antennas developed by Aerospatiale: existing products and evolution 29341
Buralli, B., Sauvan, M. New bandwidth extension technique for conformal microstrip antennas 4271
Buran, T. *see* Kristiansen, H. 362
Buratynski, E.K. Thermomechanical modeling of direct chip interconnection assembly 26186
Burba, A. *see* Azubalis, V. 24868
Burch, J.F. *see* Jackson, C.M. 1403
Burch, J.R., Clarke, E.M., Long, D.E., McMillan, K.L., Dill, D.L. Symbolic model checking for sequential circuit verification 41848
Burch, J.R., Long, D.E. Efficient Boolean function matching 26875
Burch, R., Najm, F., Yang, P., Trick, T. McPOWER: a Monte Carlo approach to power estimation 26589
Burcham, K.E., De Brabander, G.N., Boyd, J.T. Micromachined silicon cantilever beam accelerometer incorporating an integrated optical waveguide 6457
Burcham, K.L. The FAA satellite communications program 37919
Burcham, S.W. *see* Romanczuk, C.S. 25922
Burchard, A. *see* Pfeiffer, W. 42419
Burchard, D. Crystal testing 11392
Burchard, D. Observation of scintillations while receiving Meteosat 44347
Burchat, P. Development of a silicon vertex detector for an asymmetric B factory at SLAC 46853
Burchett, M.H., Pennock, S.R., Shepherd, P.R. A rigorous analysis of the higher order modes and attenuation of stripline of arbitrary dimensions 1384
Burchett, M.H., Pennock, S.R., Shepherd, P.R. An accurate analysis of coupled striplines of arbitrary dimensions 27122
Burchett, M.H., Pennock, S.R., Shepherd, P.R. A rigorous analysis of uniform stripline of arbitrary dimensions 44538
Burchett, S.N. *see* Guess, T.R. 325
Burckel, S. Functional equations associated with congruential functions 41165
Burckhard, S. *see* Sywe, B.S. 33646
Burda, W., Becker, W.-J. Ultrasonic resonance measurement system for fluid process control 7668
Burdeaux, D.C. *see* Heistand, R.H., II 9303
Burdess, J.S., Wood, D., Harris, A.J., Cooper, G., Cruickshank, J. Vibrating gyroscopes 46392
Burdett, C.J., Desai, M. Localized fractal dimension measurement in digital mammographic images 31860
Burdett, N.G., Carpenter, T.A., Hall, L.D. A simple device for respiratory gating for the MRI of laboratory animals 7355

Burdett, S., Allan, J., Mellitt, B., Ja Taufiq A power factor and harmonic comparison of AC railway power electronic traction converter circuits 8923
Burdge, G., Perlmutter, S.H., Barbier, P.R., Doroski, D., Rice, R.A., Wichart, S., Moddel, G. Bottlenecks in developing optically addressed SLMs with desirable performance 3215
Burdick, R.K. Using confidence intervals to test variance components 26213
Burdick, V.L. *see* Alles, A.B. 879
Burdisso, R.A. *see* Bor-Tsuen Wang 35190
Burdisso, R.A. *see* Thomas, R.H. 36632
Burdo, O.S., Gorin, V.V., Dargeiko, M.M. To the error estimation problem in establishing location in inertial navigation tasks 24426
Burdyuk, I.V. *see* Burdyuk, V.Ya. 9405
Burdyuk, V.Ya., Burdyuk, I.V. Discrete and continuous metric spaces 9405
Bureau, N. Electric vehicles in France: the development of a partnership 48195
Burek, D. *see* Nadeau-Dostie, B. 1184
Bures, J. *see* Dumais, P. 12384
Buret, J. *see* Nfaoui, H. 40063
Burford, M.K. *see* Sudarshanam, V.S. 6552
Burg, R.van der *see* van der Burg, R.
Burge, R.E. *see* Khan, S.A. 29122
Burger, A. *see* George, M.A. 2108
Burger, A. *see* George, M.A. 10755
Burger, C.P., Schumacher, N.A., Duffer, C.E., Knab, T.D. Fiber-optic techniques for generating and detecting ultrasonic waves for quantitative NDE 15058
Burger, J.F. *see* Spiering, V.L. 31206
Burger, P. Infnet—the PTT internal informatic network 22544
Burger, P. DSP—digital signal processing with the BVW D600P Sony broadcast TV camera 31042
Burger, P. Supporting impedances 32901
Burger, P., Trueb, R., Lehmann, P., Brandes, W. Information strategy planning 5349
Burger, P. *see* Arnaudon, H. 46878
Burger, P. *see* Rijken, H.A. 7185
Burger, P. *see* Steinbauer, E. 38839
Burger, W. *see* Friedrich, M. 15334
Burger, W.J. *see* DiBitonto, D. 31722
Burgess, A., Gruzelier, J. Localisation of cerebral function using topological mapping of EEG: a preliminary validation study 31918
Burgess, B., Alexander, M., Ying-Wai Ho, Litch, S.P., Mallick, S., Ogden, D., Sung-Ho Park, Slaton, J. The PowerPC 603 microprocessor: a high performance, low power, superscalar RISC microprocessor 41930
Burgess, B. *see* Poursepanj, A. 41932
Burgess, G. *see* Mahajerin, E. 9468
Burgess, G.E. *see* Gale, D.C. 12400
Burgess, M.A., Hayes, R.D. Synthetic vision—a view in the fog 39234
Burgess, N. *see* Di Zenzo, S. 22132
Burgess, P.C. Rubber gloving comes to Australia [live line maintenance] 24978
Burgess, R.C. *see* Collura, T.F. 24270
Burgess, R.P. *see* Andersen, B.R. 39579
Burgess, W.R. *see* Lea, K.C. 16614
Burgett, S.R. *see* Das, M.K. 22071
Burghard, R. *see* Borden, P.G. 266
Burghartz, J.N. *see* Cressler, J.D. 19982
Burghoff, M. *see* Link, A. 31825
Burghoorn, J., Roest, W., Bij, J., Klaassen, T.O., Wenckebach, W.Th. Cavity-dumping of an optically pumped FIR laser 20654
Burgkhardt, B., Piesch, E., Vilgis, M. Uncertainty of measurement and lower detection limit of track etched detector systems: experimental verification and consequences for intercomparison experiments 7264
Burgkhardt, B. *see* Guelev, M.G. 32003
Burgler, J. *see* Fichtner, W. 2639
Burgler, J. *see* Riccobene, C. 34928
Burgmeijer, J.W. *see* Gilgen, H.H. 3079
Burgniard, S. *see* Ciantar, E. 2522
Burgos, J.C. *see* Sanz-Bobi, M.A. 32897
Burgos-Garcia, M., Perez-Martinez, F. Optimization of active feedback linearized amplifiers for multicarrier applications 26729
Burgos-Garcia, M., Perez-Martinez, F. Simple procedure for optimum linearisation of amplifiers in multicarrier applications 29648
Burgos-Garcia, M., Perez-Martinez, F. Monopulse errors reduction using increased AM-PM conversion receivers 30916
Burgos-Garcia, M., Perez-Martinez, F., Schwalb, S. DPSK modulator with accurate phase transitions for Mode-S radars 30915
Burgrova, T.I. *see* Bankov, S.Ye. 12672
Burian, M. Failures and the remaining service life of steam drums of steam generators 32714
Buritskii, K.S., Chernykh, V.A., Dianov, E.M., Maslov, V.A., Shcherbakov, E.A. Domain inversion induced by dielectric film cladding in KTP 3132
Burjoski, J.D. A breakthrough architecture for real-time line scan processing 30144
Burk, A. Momentary switching alternatives for keypad & frontpanel applications 42278
Burkard, M. *see* Adler, F. 27553
Burkard, M. *see* Prins, F.E. 27542
Burkardt, T. *see* Thomas, H.G. 7155
Burke, A.F., Dowgiallo, E.J. Ultracapacitor technology update and electric-drive vehicle evaluations 48396
Burke, A.F., Heitner, K.L. Test procedures for hybrid/electric vehicles using different control strategies 48266
Burke, A.F. *see* Dowgiallo, E.J. 48426
Burke, B.E., Mountain, R.W., Daniels, P.J., Cooper, M.J., Dolat, V.S. CCD soft X-ray imaging spectrometer for the ASCA satellite 47024
Burke, C., Rujiwara, M., Shiragaki, T. Reduction of crosstalk in a photonic space division switching network employing traveling wave amplifiers and automatic power control 5679
Burke, C.P., Llanwyn Jones, D. ELF propagation in deep and shallow sea water 4133
Burke, D. The Final Focus Test Beam Project 46779
Burke, D. *see* Temple, V. 28117
Burke, D.L. *see* Ruth, R.D. 46776
Burke, E.A. *see* Summers, G.P. 34884
Burke, E.R., Gomez, R.D., Adly, A.A., Mayergoyz, I.D. Magnetic scanning tunneling microscopy: theory and experiment 43302
Burke, E.R. *see* Adly, A.A. 43309
Burke, E.R. *see* Gomez, R.D. 43249
Burke, J. Assembly with advanced components 34354
Burke, J. *see* Hill, A. 10505
Burke, J.J. *see* Rimmer, R.A. 46741
Burke, J.J. *see* Short, T.A. 47581
Burke, L.D., Casey, J.K., Morrissey, J.A., O'Sullivan, J.F. Hydrous oxide species as inhibitors of oxygen reduction at platinum activated fuel cell cathodes 25670
Burke, M. *see* Jayapalan, J. 37783
Burke, P.J. *see* Levy, J.S. 7688
Burke, R. *see* Lampel, M.C. 29075
Burke, R. *see* Vallier, L. 18278
Burke, R.J. *see* Cover, R.A. 20929
Burke, S.E. Distributed transducer shading: application to structural control, hydrodynamics, and sonar sensing 38462
Burke, S.E., Hubbard, J.E., Jr., Meyer, J.E. Distributed transducers and colocation 14931
Burke, S.E. *see* Sullivan, J.M. 38463
Burke, S.V. Planar waveguide analysis by the spectral index method: II. Multiple layers, optical gain and loss 36306
Burke, S.V. *see* Berry, G.M. 11640
Burke, S.V. *see* Kendall, P.C. 12680
Burke, T. *see* Zhao, J.H. 2508
Burke, T. *see* Zhao, J.H. 2509
Burke, T. *see* Zhao, J.H. 11895
Burker, E., Kopf, W. Earth conductor with integrated optical conductors on a 40 year old high voltage overhead line creates new data transmission paths for Austrian Federal Railways 32445
Burkett, S.L., Charlson, E.M., Charlson, E.J., Yasuda, H.K. Reproducibility in plasma polymerized methane films as determined by contact electrification measurements 35106
Burkhard, H. *see* Hillmer, H. 20836
Burkhard, H. *see* Hillmer, H. 28848
Burkhard, H. *see* Mecozzi, A. 35804
Burkhardt, B. *see* Storm, W. 42671
Burkhardt, H., Hofmann, A., Marti, Y., Myers, S., Poole, J. The effect of the beam-beam interaction on the performance of LEP 7039
Burkhardt, H. *see* Bailey, R. 15273
Burkhart, R.M. *see* Brassel, P.O., Jr. 24557
Burkholder, R. J., Pathak, P.H. Computing the time domain EM scattering from large openended cavities using the SBR and GRE ray shooting methods 44523
Burkitt, A.N. External stimuli in optimised attractor neural networks for sparsely coded patterns 12940
Burkley, C.J. *see* Hayes, M.P. 37703
Burkley, C.J. *see* O'Brien, P. 36486
Burkmann, K., Huber, H., Jaeschke, E., Kramer, D., Kuske, B., Kuske, P., Martin, M., Oertel, H., Scheer, M., Schulz, L., Ulm, G., Weihreter, E., Wustefeld, G. SC-wavelength shifter for deep X-ray lithography at BESSY I 15463
Burkot, L. The mathematical model of vacuum drying of low-power capacitors with variable boundary conditions 42258
Burks, T.M., Sakallah, K.A., Mudge, T.N. Identification of critical paths in circuits with level-sensitive latches 27032
Burla, P. *see* Barnett, I. 15672
Burlage, D.S. *see* Catella, G.C. 29004
Burlai, I.V. *see* Bulychev, Yu.G. 44647
Burlamacchi, P. *see* Balestri, S. 20938
Burlamacchi, P. *see* Meucci, R. 28693
Burland, D.M., Miller, R.D., Twieg, R.J., Volksen, W., Walsh, C.A. Assessment of polymeric materials for second harmonic generation and optoelectronic applications 21067
Burland, D.M. *see* Silence, S.M. 21070
Burlay, I.V. *see* Bulychev, Yu.G. 46030
Burleson, W. *see* Stan, M. 27102
Burley, J.R., II *see* Clark, J.W. 39229
Burm, J. *see* Litvin, K. 1634
Burman, R. *see* Anderson, G. 38901
Burman, S., Kamalanathan, C., Sherwani, N. New channel segmentation model and associated routing algorithm for high performance FPGAs 26855
Burmeister, W.J. *see* Schelbert, P.G. 14387
Burmester, M. Cryptanalysis of the Chang-Wu-Chen key distribution system 36543
Burmester, M. *see* Desmedt, Y. 12887
Burmester, M. *see* Frankel, Y. 21544
Burmistrov, M.M. *see* Kolechitsky, E.S. 21167
Burn, P.L. *see* Greenham, N.C. 35600
Burn, P.L. *see* Greenham, N.C. 35615
Burnashev, M.V. On one extremal property of Hamming halfspaces 44730
Burneika, I., Knishevskaja, L., Shugurov, V. The rigorous method for numerical analysis of electrodynamic characteristics of the open uniaxial anisotropic waveguide with an arbitrary cross section 43537
Burnes, G. *see* Chima, J.S. 22493
Burnett, A.F., Cech, J.M. Relationship of crystallographic orientation and impurities to stress, resistivity, and morphology for sputtered copper films 10980
Burnett, A.F. *see* Cech, J.M. 17903
Burnett, D., Lage, C., Bormann, A. Soft-error-rate improvement in advanced BiCMOS SRAMs 34075
Burnett, G., Morris, P., Patterson, A., Powlesland, I., Roelofs, B. A flexible high speed distributed control system for aircraft testing 39153
Burnett, I.M., Smith, D.W. Future switching requirements for telecommunication networks: challenges for photonics 30591
Burnett, J. *see* Walton, A.R. 1709
Burnett, J.D. *see* Hayden, J.D. 11174
Burnett, J.D. *see* Hayden, J.D. 34930
Burnett, R. *see* Meliopoulos, A.P.S. 25062
Burnett, R.O., Jr., Butts, M.M., Sterlina, P.S. Power system applications for phasor measurement units 39675
Burnett, R.O., Jr. *see* Centeno, V. 7993
Burnett, R.O., Jr. *see* Phadke, A.G. 47608
Burnham, J.T. Silicone rubber insulators improve transmission line performance 16413
Burnham, J.T., Busch, D.W., Renowden, J.D. FPL's Christmas 1991 transmission outages 32441
Burnham, J.T. *see* Wong, C.J. 16120
Burnham, M. *see* Neaves, G. 11184
Burnham, R., Kasinski, J., Rhoades, M. High average power diode-pumped solid-state lasers 20715
Burnham, R.D. *see* Choo, A.G. 2075
Burnham, R.D. *see* Kumar, M. 10818
Burnham Mace, B. *see* Cronin, F.J. 40839
Burns, A. Scheduling distributed safety critical systems 14174
Burns, A. *see* Borer, I. 7095
Burns, A.W. How to select a cablebus system 39623
Burns, C. *see* Yamashita, H. 32439
Burns, C.W. *see* Rasmussen, J.R. 32727
Burns, D. *see* White, I.H. 12254
Burns, D. *see* Williams, K.A. 20781
Burns, D. *see* Williams, K.A. 35822
Burns, G. *see* Roy, A. 9339
Burns, J.A., Gleason, E.F. The effects of silicon source gas on PECVD SiO_2 properties 18277
Burns, J.E., Gouda, M.G., Miller, R.E. Stabilization and pseudo-stabilization 13885
Burns, J.W. Recent technical and regulatory developments affecting the UK fixed services frequency bands 14750
Burns, M.J., de la Houssaye, P.R., Russell, S.D., Garcia, G.A., Clayton, S.R., Ruby, W.S., Lee, L.P. Demonstration of $Y_1Ba_2Cu_3O_{7-\delta}$ and complementary metal-oxide-semiconductor device fabrication on the same sapphire substrate 2891
Burns, M.J., O'Reilly, J.J. Noise modelling of superlattice APDs 3334
Burns, M.J. *see* Benimoff, N.I. 22411
Burns, M.J. *see* de la Houssaye, P.R. 20214
Burns, R.H. *see* Hunt, J.H. 3451
Burns, R.S. *see* Bereznai, G.T. 101
Burns, S. *see* Zu Qinxin 12020
Burns, S.G. *see* Sandage, R.W. 10241
Burns, S.G. *see* Wongkittikriwon, S. 10243
Burns, T.J., Rogers, S.K., Ruck, D.W., Oxley, M.E. Spatio-temporal signal processing using a discrete 3D multiresolution wavelet analysis 36785
Burns, W.K., McElhanon, W., Goldberg, L. Second harmonic generation in field poled, quasi-phase-matched, bulk $LiNbO_3$ 44116
Burns, W.K. *see* Gopalakrishnan, G.K. 3384
Burns, W.K. *see* Howerton, M.M. 35469
Burns, W.K. *see* Thomson, J.R. 25162
Burnside, W.D. *see* Darden, W.H. 4302
Burnworth, J. *see* Pettigrew, R.D. 32515
Burov, D.V., Kotler, V.R. Analytical static model of the process of fuel NO_x formation during stagewise fuel combustion 16647
Burov, J. *see* Burova, M. 3938
Burov, P.A. *see* Cherkasov, J.A. 36056
Burov, V.A., Rumyantseva, O.D. Linearized inverse problem of scattering in monochromatic and pulse modes 39010
Burova, M., Burov, J. Polarizationally non-sensitive pseudo-holographic computer reconstruction of random rough surface 3938
Burovoi, I.A. *see* Zatelepin, V.N. 25328

Burpee, C.D. *see* Biswas, D.R. 2990
Burpee, D.S. *see* Walters, S.M. 30740
Burr, A.G. Block versus trellis: an introduction to coded modulation 4403
Burr, A.G. Narrow band modulation and coding schemes for radio LAN 14259
Burr, A.G. *see* Lunn, T.J. 4430
Burr, A.G. *see* Thorlby, J.P. 1275
Burr, A.G. *see* Tobes, A. 5801
Burr, G.W., Psaltis, D., Curtis, K. Comparison of wavelength and angle multiplexed holographic memories 11580
Burr, J.B. *see* Yeh, G.K. 36781
Burr, S.A., Faudree, R.J. On graphs G for which all large trees are G-good 26290
Burrascano, P., Melis, M. A neural technique for satellite coverage plans optimization 14542
Burrell, L.G., Kapur, S. Three-dimensional finite element calculations of thermal stress in aluminum interconnect with tungsten via-studs 2205
Burrington, J.D. University-industry cooperation: a framework for dialogue 172
Burroughes, J.H., Leadbeater, M.L., Grimshaw, M.P., Evans, R.J., Ritchie, D.A., Jones, G.A.C., Pepper, M. Electronic properties of a one-dimensional channel field effect transistor formed by molecular beam epitaxial regrowth on patterned GaAs 11233
Burroughes, J.H. *see* Greenham, N.C. 35615
Burroughs, C.B. *see* McDevitt, T.E. 31531
Burrow, N.G. *see* Senior, J.M. 30789
Burrows, B.L. *see* Ancin, F.J. 4525
Burrows, B.P., Gurlaskie, G.T. An aid for managing demand 47496
Burrows, P.E., Hara, M., Sasabe, H. New concepts of molecular electronics: the inchworm memory and organic quantum wells 10593
Burrows, P.E. *see* Hara, M. 9530
Burrows, V.A., Kondapuram, V.S.G. Surface chemistry of GaAs(100) after treatment with aqueous H_3PO_4 solution 42737
Burrows, V.A. *see* Drucker, J. 34753
Burrows, V.A. *see* Yota, J. 34730
Burrows, V.A. *see* Yota, J. 42735
Burrus, C.A. *see* Alferness, R.C. 45985
Burrus, C.A. *see* Chen, L.P. 23593
Burrus, C.A. *see* Choa, F.S. 3134
Burrus, C.A. *see* Hansen, P.B. 37985
Burrus, C.A. *see* Kim, I. 43888
Burrus, C.A. *see* Koyama, F. 11685
Burrus, C.A. *see* Koyama, F. 20793
Burrus, C.A. *see* Koyama, F. 43529
Burrus, C.A. *see* Kuznetsov, M. 20785
Burrus, C.A., Jr. *see* Froberg, N.M. 43519
Burrus, C.S. *see* Gopinath, R.A. 13366
Burrus, C.S. *see* Steffen, P. 44975
Bursal, F.H., Tongue, B.H. Properties of interpolated mapping system identification with regard to linear systems 13277
Bursch, P.M., Meisner, J.W. Comparison of paper and automated fault isolation techniques 24420
Bursh, T.P., Jr., Ho, K.K.Y., Kunzinger, F.F., Roberts, L.N., Shanks, W.L., Tantillo, L.A. Digital radio for mobile applications 22856
Bursky, D. Fast DRAMs can be swapped for SRAM caches 1217
Bursky, D. Codec compresses images in real time 1267
Bursky, D. Dual-port DRAM accelerates Windows 18704
Bursky, D. Improved DSP ICs eye new horizons 18744
Bursky, D. Microprocessor performance onslaught pushes on 18762
Bursky, D. Million-gate ASICs to provide systems on-a-chip 26761
Bursky, D. Chip set delivers 100 Mbits/s to the desktop 30425
Bursky, D. Condense system logic with high-density CPLDs 34010
Bursky, D. Microcontroller design exploits reusable cores 41924
Bursztyn, D. *see* Steinberg, D.M. 26212
Burt, G. *see* Cockburn, D. 24916
Burt, G.M. *see* McArthur, S.D.J. 16455
Burt, M.P. *see* Budge, M.C., Jr. 23194
Burte, E.P. *see* Wiget, R. 2168
Burtea, V.M. Modelling of a system using an optimal-efficiency induction machine (IM) supplied by a thyristor voltage variator (TVV) 40558
Burtnyk, V. *see* Elahi, H. 47483
Burtnyk, V. *see* Gleadow, J.C. 47470
Burton, D.G., Joenathan, C. Multi-mode optical fiber core diameter measurement using laser speckles 43395
Burton, F. *see* Tandon, V. 5500
Burton, J. New options emerge for CTI [computer-telephone integration] 14083
Burton, J. *see* Bird, A. 5315
Burton, J. *see* Thiele, A.N. 6182
Burton, J.D., Fiddyment, P.J., Robertson, M.J., Sully, P. Monolithic InGaAsP-InP laser amplifier gate switch matrix 12195
Burton, J.D. *see* Sherlock, G. 28489
Burton, P. *see* Richards, B.P. 2735
Burton, P. *see* Richards, B.P. 27374
Burton, P.C.M. *see* Perkins, D.M. 18571
Burton, R.S., Schlesinger, T.E. Use of a native oxide of $Al_xGa_{1-x}As$ in the fabrication of integrated laser/modulators 20386
Burton, R.S., Schlesinger, T.E. Semiempirical relation for curved optical waveguide design in the edge-guided mode regime 43469
Burtsev, V.A., Fedorov, V.B. An optical associative memory for database management systems and computers with nontraditional architectures 11579
Burtt, J.D., Sloan, S.M., Ghan, L.S. Visualization of advanced reactors 25177
Buryak, A. *see* Akhmediev, N.N. 35392
Burylov, S.V., Gorsky, O.I., Dzenzersky, V.A. Levitation characteristics of hybrid zero-flux electrodynamic levitation system 25882
Burzynski, R., Casstevens, M.K., Zhang, Y., Zieba, J., Prasad, P.N. New photonics media prepared by sol-gel process 20234
Busaba, F.Y., Lala, P.K. A technique for designing bidirectional error-free combinational logic circuits 26839
Busaba, F.Y., Lala, P.K. Self-checking combinational circuit design for single and unidirectional multibit error 41774
Busatto, G. Physical modeling of bipolar mode JFET for CAE/CAD simulation 35025
Busatto, G. *see* Fratelli, L. 2469
Busch, B. *see* Ulrich, A. 20591
Busch, B. *see* Ulrich, A. 20602
Busch, B. *see* Wieser, J. 20644
Busch, D.W. *see* Burnham, J.T. 32441
Busch, E. *see* Gasser, S. 25989
Busch, G.E. *see* Dowell, D.H. 12255
Busch, H.P., May, S., Wortche, R., Lehmann, K.J. Test phantoms in digital radiography 15799
Busch, H.P. *see* Marshall, N.W. 15801
Busch, J.F., Jr., Krause, F.L. Environmental externality surcharges in power system planning: a case study of New England 24848
Busch, J.R. *see* Boiarski, A.A. 6612
Busch, M., Rampp, F., Martin, J., Horn, J. Improvement of combustion burn-up and emission procedures in a refuse incineration plant by means of a camera-controlled firing rate control 39917
Busch, M.T. *see* Blackman, S.S. 29852
Busch, R. *see* Pohls, A. 34338
Busch-Vishniac, I. *see* Narayanan, C. 6461
Busch-Vishniac, I.J. *see* Wang, W. 9216
Buschbom, M.L., Coyle, A. Thermal characteristics of QFP and TAB packaged parts for board applications 42307
Busche, G.C. *see* Johannsen, K.G. 37913
Buschmann, R. Joint multigrid estimation of 2D motion and object boundaries using boundary patterns 29938
Buse, K., Frejlich, J., Kuper, G., Kratzig, E. Dark build-up of holograms in $BaTiO_3$ after recording 12420
Buse, K., Jermann, F., Kratzig, E. Infrared holographic recording in $LiNbO_3$:Cu 44144
Buse, K., Pankrath, R., Kratzig, E. Photorefractive properties of tetragonal potassium tantalate-niobate crystals at high light intensities 21122
Buse, K., Pankrath, R., Kratzig, E. Pyroelectrically induced photorefractive effect in $Sr_{0.61}Ba_{0.39}Nb_2O_6$:Ce 35306
Buser, R. *see* Horn, S. 31276
Busetto, G. *see* Amidei, D. 46890
Busetto, G. *see* Tkaczyk, S. 46989
Bush, D.R. Effect of printer cables on radiated emissions 44447
Bush, D.W. High speed differential data communication 26819
Bush, R. FidoNet: technology, tools, and history 5421
Bush, T. Calibration and verification [cable TV leakage testing] 38312
Bushbeck, M.D., Chan, C.H. A tuneable, switchable dielectric grating 4250
Bushko, D.A. *see* Fenn, R.C. 35251
Bushlyakov, A.I., Lyubutin, S.K., Rukin, S.N., Slovikovskii, B.G., Timoshenkov, S.P. Automatic actuation of repeating spark dischargers 47972
Bushman, T.W., Gennert, M.A., Pryputniewicz, R.J. Phase unwrapping by least squares error minimization of phase curvature 29876
Bushmarina, G.S. *see* Zhitinskaya, M.K. 34550
Bushnell, M.L. *see* Chakradhar, S.T. 41777
Bushnell, M.L. *see* Sienicki, J. 41844
Bushuev, V.A., Orudzhaliev, M.N. Fine structure of X-ray beams emergent from a band-shaped waveguide 47025
Buskes, H. *see* Folkard, M.A. 9563
Buskirk, P.Van *see* Van Buskirk, P.
Busnaina, A. Solving process tool contamination problems 34665
Buso, G.P. *see* Fortuna, G. 6906
Buso, G.P. *see* Palmieri, V. 15512
Busquier, V. *see* Alvarez, J.A. 9827
Buss, D. *see* Feindt, S. 11302
Busse, L.E. *see* Goldberg, L. 3783
Busselman, B., Emery, T., Staker, K., Heiman, K., Tran, D., Elzingre, M., Markle, R. In situ particle monitoring in a single wafer poly silicon and silicon nitride etch system 10929
Bussiere, G., Oblinger, J., Wolfe, V.F. Real-time considerations in submarine target motion analysis 7679
Bussmann, M., Langmann, U., Hillery, B., Brown, W.W. A 12.5 Gb/s Si bipolar IC for PRBS generation and bit error detection up to 25 Gb/s 34139
Bussmann, M., Langmann, U., Hillery, W.J., Brown, W.W. A 12.5 Gb/s Si bipolar IC for PRBS generation and bit error detection up to 25 Gb/s 42018
Bussmann, U. *see* Shi Zuoyu 42593
Busso, E.P., Kitano, M., Kumazawa, T. A forward gradient time integration procedure for an internal variable constitutive model of Sn-Pb solder 26519
Busso, E.P., Kitano, M., Kumazawa, T. Modeling complex inelastic deformation processes in IC packages' solder joints 40947
Bussolino, G. Use of geographic information systems and spatial data bases for mobile radio applications 37866
Busta, H.H., Pogemiller, J.E., Zimmerman, B.J. The field emitter triode as a displacement/pressure sensor 23560
Bustamante, J., Lagomasino, G.L. Rate of convergence of Hermite-Pade approximants to a Nikishin-type system of analytic functions 26335
Bustani, A.Al., Feteha, M.Y. Reflectance and transmittance in heteroface GaAs solar cells 25697
Bustard, C.J., Bonner, B., Jr., Cushing, K.M., Chang, R.L. Performance of pulse-jet fabric filter pilot plants at utility boilers 8174
Bustos, P. *see* Barrios, L.J. 14936
Busuttil-Reynaud, G., Elliott, L.J. A multi service mobile satellite communications system operating at Ka-band 22927
Busygina, L.A. *see* Ber, B.Ya. 42635
But, V.V., Bystry, A.I., Ganefeld, R.M., Petrenko, S.D., Redkin, V.B. Experimental and calculation diagnostics methods of the current transfer in MHD-channel boundary layer 25733
But-Chung Chiu *see* Ming Chen 32264
Butabaev, Yu.S. *see* Abdurazakov, A.A. 38933
Butashin, A.V. *see* Kaminskii, A.A. 3498
Butashin, A.V. *see* Kaminskii, A.A. 28785
Butcher, A. Intraoral pressure as an independent parameter in oral stop contrasts 13021
Butcher, J.C., Jackiewicz, Z. Diagonally implicit general linear methods for ordinary differential equations 9477
Butcher, K.S.A. *see* Alexiev, D. 10808
Butcher, K.S.A. *see* Alexiev, D. 27487
Butcher, K.S.A. *see* Say Teng Lai 27722
Butcher, P.M., Withnall, S.G. A practical strategy for EMC design 4147
Butcher, P.N. *see* Qin Guoyi 19332
Butcher, P.N. *see* Zianni, X. 42963
Butcher, R.J. *see* Srinivas, T.A.S. 31222
Butel, P. *see* Collin, A. 37727
Butera, B. *see* Alrutz, H. 6205
Butkevich, A.F. *see* Stognii, V.S. 32256
Butkiewicz, D.A. *see* Sievers, R.K. 7553
Butkovic, P. Strong regularity of matrices—a survey of results 26356
Butkus, G. *see* Pozhela, J. 1918
Butler, C. A model for an integrated ATM-based PBX network 22413
Butler, C. A model for an integrated ATM-based PBX network 22603
Butler, C.M., Mannikko, P.D. Characterization of an inhomogeneous-dielectric stripline 12703
Butler, C.M., Martin, A.Q., Michalski, K.A. Analysis of a cylindrical antenna in a circular aperture in a screen 29351
Butler, D. Portable power stations 40035
Butler, D. *see* Pycock, S. 22992
Butler, D.A. *see* Bradley, W.E. 39913
Butler, D.A. *see* Funck, J.W. 6787
Butler, D.J., Jones, K.P., Syngal, V. 10 Gbit/s transmission by two channel WDM over a 908 km, seven optical amplifier line 37971
Butler, D.J., Nugent, K.A., Roberts, A. Characterization of optical fibers using near-field scanning optical microscopy 43394
Butler, D.M., Densler, S. Technical certification of test tools/automatic test equipment (ATE) 23439
Butler, G.M. *see* Hopkinson, T.M. 10216
Butler, H., Myers, D.R., Von Ruden, W., Yang, J. Beamline operation using an industrial control system and distributed object-oriented hardware access 46326
Butler, I.C., Taylor, D., Evans, P.S.A. Developments in transient response analysis 27094
Butler, I.C., Taylor, D., Hallam, P. Design for testability of mixed-mode ASICs 42082
Butler, J., Morley, D. Maintenance scheduling for electrical power transmission networks 16286
Butler, J. *see* Davis, C. 11301
Butler, J.E. *see* Celii, F.G. 41423
Butler, J.E. *see* Doverspike, K. 858
Butler, J.K. *see* Abeles, J.H. 20863
Butler, J.K. *see* Carlson, N.W. 20825
Butler, J.L. *see* Sherman, C.H. 16066
Butler, J.M. *see* Barreto, G. 42370
Butler, K.L., Momoh, J.A., Dias, L.G. Expert system assisted identification of line faults on delta-delta distribution systems 24625
Butler, M., Seneviratne, A., Anido, G., Bradlow, H. Adaptive congestion avoidance procedures for intelligent network services 37620
Butler, M.E. *see* Walton, P.W. 46522

Butler, M.J. Service extension at the specification level 5643
Butler, R., Cochrane, P. Failure type forecasting via burst errors 5940
Butler, R.A., Cochrane, P., Massie, J.Z. Error burst metrics for failure trajectory analysis 37333
Butler, R.C. *see* Frontera, F. 15669
Butler, R.W. *see* Johnson, S.C. 39181
Butler, S. Mechatronic innovation in switch assembly 17804
Butler, S. *see* O'Connell, J. 46770
Butler, S.W. *see* Barna, G.G. 27711
Butorin, V.M. T-connection of rectangular waveguide and coaxial line having a capacitive disk on the inner conductor 1464
Butorin, V.M. The doorknob transformer 10396
Butorin, V.M. The coupling of two rectangular waveguides by means of circular holes 12674
Butov, V.G. *see* Burakov, V.A. 25706
Butov, V.G. *see* Koroleva, L.A. 25756
Butson, M. *see* Kron, T. 47137
Butstraen, P. *see* Foucher, J.C. 40020
Butt, G. *see* Parks, M.A.N. 5811
Butt, G. *see* Parks, M.A.N. 5826
Buttar, C. *see* Beaumont, S.P. 15637
Buttars, S.K. Critical stencil printing parameters for fine pitch technology 34367
Butterfield, J., Rathnam, S., Whinston, A.B. Groupware perceptions and reality: an E-mail survey 30363
Butterfield, J. *see* Hsieh, R.C. 38011
Butteris, J. *see* Wake, M. 15366
Butterweck, H.J. Nonlinear effects in adaptive filters of the LMS type 21757
Butterworth, J., Byrne, A., Devenish, R., Gingrich, D., Hallam-Baker, P., McArthur, I., Nash, J., Roocroft, N., Topp-Jorgensen, S. Initial experience with the ZEUS central tracking detector second level trigger and data acquisition system 38932
Buttgen, P. *see* Hurtgen, B. 29939
Buttgenbach, T.H. An improved solution for integrated array optics in quasi-optical mm and submm receivers: the hybrid antenna 36400
Buttigieg, V., Farrell, P.G. A maximum likelihood decoding algorithm for variable-length error-correcting codes 4418
Buttiker, M. Capacitance, admittance, and rectification properties of small conductors 19699
Buttner, J. *see* Tonshoff, H.K. 26235
Button, C. *see* Ghisoni, M. 1921
Button, C. *see* Laughton, F.R. 35831
Button, C. *see* Nelson, J. 11833
Button, C.C. *see* David, J.P.R. 43633
Button, C.C. *see* Pettersson, H. 19369
Button, C.C. *see* Pettersson, H. 19378
Button, C.C. *see* Roberts, J.S. 26455
Button, C.C. *see* Yow, H.K. 28105
Button, L.J. *see* Newhouse, M.A. 43796
Button, M. Busman's guide to I^2C 37401
Button, T.W. *see* Hosking, M.W. 27292
Buttram, M.T. *see* Clark, R.S. 44468
Buttram, M.T. *see* Hjalmarson, H.P. 28629
Butts, K., Riederer, S.J., Ehman, R.L., Thompson, R.M., Jack, C.R. Interleaved echo planar imaging on a standard MRI system 31898
Butts, M.M. *see* Burnett, R.O., Jr. 39675
Butturi, M.A. *see* Poggi, A. 42390
Butty, J., Bongiovanni, G., Staehli, J.L. Photon and carrier density profiles in a semiconductor optical amplifier 12124
Butuzov, V.V. *see* Barykin, A.A. 12339
Butylkin, A.I. *see* Luk'yanov, A.E. 27523
Butylkina, N.A. *see* Katz, E.A. 27462
Butylkina, N.A. *see* Katz, E.A. 27463
Butylkina, N.A. *see* Luk'yanov, A.E. 27523
Butyrin, P.A. Exact recurrent relations for prediction of linear circuit response to sinusoidal action 18439
Butz, R. *see* Jebasinski, R. 10880
Butzer, D., Clymer, B. A highly efficient interconnect for use with a multistage optical switching network 5667
Butzer, P.L., Fischer, A., Ruckforth, K. Scaling functions and wavelets with vanishing moments 18057
Butzke, S. *see* Werner, K. 41365
Buuck, F.-M. Overall renewal of a 130 MW pass-out condensing steam turbine at Wedel heating power plant 39983
Buur, G., Collier, P., Lohmann, K.D., Schmickler, H. Dynamic tune and chromaticity measurements in LEP 7082
Buvat, I. *see* Benali, H. 7339
Buvat, I. *see* Benali, H. 37040
Buvry, M., Zagba, S., Krey, C. Segmentation improvement using connected lines matching in stereovision 13696
Buxton, A. *see* Biddulph, R.H. 26540
Buxton, J. *see* Wong, J. 1077
Buxton, J. *see* Wong, J. 9943
Buyanov, Yu.L. *see* Baev, V.P. 8784
Buydens, L. *see* Coudenys, G. 3403
Buydens, L. *see* Moloney, M.H. 10723
Buys, A. *see* Adam, W. 46929
Buyse, H. *see* Robyns, B. 16859
Buyse, H. *see* Robyns, B. 16861
Buytaert, J. *see* Muller, H. 46319
Buyukaksoy, A., Birbir, F. Plane wave diffraction by an impedance step 21217
Buyukaksoy, A. *see* Birbir, F. 44285
Buzak, T.S., Green, P.J., Guthrie, S.J., Hartley, S.C., Hillen, K., Lamer, G.R., Martin, P.C., Nishida, D.L., O'Neal, T.L., Stein, W.W., Stinger, K.R., Wagner, M.D. A 16-inch, full-color, plasma addressed liquid crystal display 23812
Buzas, T.E. *see* Lynch, J.G., Jr. 45480
Buze, A. Three-point power-network filter for traction inverter systems 8937
Buzmakova, S.I. *see* Shul'gin, B.V. 46882
Buznikov, A.E., Bochkarev, G.G., Kovbasiuk, V.I., Reshetov, E.P., German, V.O. On applicability of plasma electric arc electrodes for MHD-generator 25727
Buznikov, A.E., Reshetov, E.P. High current arc discharge rise on open cycle MHD generator electrodes 25711
Buzuloiu, V. The 'farm' approach to the second level triggering for future HEP detectors 38893
Buzulutskov, A., Vanyushkin, Yu. Optical components for RICH technique: mirrors, filters and transparent films 46931
Buzulutskov, A.F., Efimov, A.O., Kryshkin, V.I., Lapshin, V.G., Mysnik, A.I., Polyakov, V.A., Ronzhin, A.I., Chuiko, B.V. Calorimeter with WLS fibers and parallel to beam scintillators 31710
Buzulutskov, A.F., Gurzhiev, A.N., Kryshkin, V.I., Monich, E.A., Proskuryakov, A.L. Light collection system in scintillation calorimeters 31767
Buzulutskov, F., Abramov, V.V., Glebov, V.Yu., Goncharov, P.I., Gurzhiev, A.N., Dyshkant, A.S., Efimov, A.O., Evdokimov, V.N., Korneev, Yu.P., Krinitsyn, A.N., Kryshkin, V.I., Podstavkov, V.M., Turchanovich, L.K., Volkov, A.A. Prototype of barrel electromagnetic calorimeter 24056
Buzylev, N.V., Liberman, L.S., Filatov, I.I., Shnitnikov, A.S. A study of pin-diodes used to protect radioelectronic equipment from pulse overvoltages 14385
Buzynin, A.N. *see* Luk'yanov, A.E. 27523
Buzzi, J.M. *see* Bazylev, V.A. 20927
Byaliy, L.I., Podturkin, V.V. An algorithm for the adaptive filtering and direction-finding of interference sources in a phased antenna array system 12783
Byard, K. Synthesis of binary arrays with perfect correlation properties - coded aperture imaging 5106
Byard, K. Family of binary sequences with useful correlation properties 13521
Byars, L. *see* Townsend, D. 47079
Byars, L.G. *see* Townsend, D.W. 15764
Byars, M. Test equipment for distribution automation 16187
Byars, M., Howson, D. Remote control of 11 kV plant by mains signalling 7762
Bychkov, E.A. *see* Legin, A.V. 6468
Bychkov, I.V. *see* Badalyan, V.G. 18388
Bychkov, S.I., Pashchenko, G.E. Analysis of processes in an acousto-optical correlator with two-dimensional representation of the parameters of a complex radio signal 4632
Bychkov, Yu., Makarov, M., Suslov, A., Yastremsky, A. A 10-J electric-discharge-pumped phototriggered XeCl laser 28744
Bydzovsky, J. *see* Benda, O. 35228
Bye, S.J. A connectionist approach to SDH bandwidth management 14055
Bye, S.J. *see* Herzberg, M. 22443
Byeon Ok Hwan *see* Ok Hwan Byeon
Byeong Gi Lee *see* Seok Kyu Kweon 4541
Byeong Rim Jo *see* Gun Woo Moon 17087
Byeong Yeon Moon *see* Byung Chul Ahn 28148
Byeong Yeon Moon *see* Byung Chul Ahn 34998
Byeong-Hoon Lee, Chong-Man Yun, Han-Soo Kim, Min-Koo Han, Yearn-Ik Choi Latch-up suppressed insulated gate bipolar transistor by the deep p^+ ion implantation under the n^+ source 42920
Byeong-Yoon Lee *see* Eung-Sik Kim 16750
Byer, R. *see* Gordon, L. 12349
Byer, R. L. *see* Yang, S.T. 3816
Byer, R.L. *see* Arie, A. 3811
Byer, R.L. *see* Farinas, A.D. 28768
Byer, R.L. *see* Sampas, N.M. 3719
Byer, R.L. *see* Schiller, S. 3817
Byer, R.L. *see* Shine, R.J., Jr. 20714
Byer, R.L. *see* Yang, S.T. 44137
Byerly, R.T. *see* Lesher, R.L. 47604
Byers, J.C. *see* Wilhelmsen, C.A. 39757
Bygdas, S.Steinholt *see* Steinholt Bygdas, S.
Bykhovski, A., Gelmont, B., Shur, M. Strain and charge distribution in GaN-AlN-GaN semiconductor-insulator-semiconductor structure for arbitrary growth orientation 1975
Bykov, A.A., Kvon, Z.D., Litvin, L.V., Nastaushev, J.V., Mansurov, V.G., Migal, V.P., Moschenko, S.P. Photovoltaic effect in quasiballistic electron interferometer 43617
Bykov, A.A., Kvon, Z.D., Litvin, L.V., Nastaushev, Yu.V., Mansurov, V.G., Migal, V.P., Moschenko, S.P. Mesoscopic photovoltaic effect in an electron interferometer 19405
Bykov, A.A., Popov, V.Yu. Use of singularity expansions in a small parameter in problems involving excitations of open periodic waveguides 12656
Bykov, O.A. *see* Pan'ko, S.P. 6119
Bykov, V.L., Pan'kov, G.Kh., Rabinovich, V.S., Simonov, M.M., Tikhonov, O.S., Fedorov, D.A., Tsirlin, V.M. The possibility of constructing a universal digital channel group 14539
Bykov, V.N., Kubata, V.G., Sultanov, A.S. Reduction of lumped interference in microwave radiometers 31410
Bykov, V.N., Poshtarenko, V.M., Timofeev, V.G. A numerical approach to constructional synthesis of bifocal lenses 29277
Bykov, V.N., Vil'chinskii, A.S., Lotokh, N.G. Investigating the checking of microcircuits with the aid of electrothermal analogy 27385
Bykov, V.V. The effectiveness of radioelectronic systems in the case of optimum countermeasures using barrage jamming 16099
Bykov, Yu.M., Vasilenko, V. Application of stochastic analyses to EMC problems 8593
Bykovets, Yu.Ya., Kazakov, V.I. Autogeneration factor in arc-quenching devices with magnetic arc rotation 25559
Bykovskii, Yu.A., Zaitsev, K.N., Kervalishvili, P.D., Nikolaev, I.N., Portnov, A.A., Shalamberidze, S.O. Neutron fluence sensor based on boron carbide 38438
Bykowski, M.B. *see* Dye, T.E. 33311
Bylinsky, Yu.V., Esin, S.K., Feschenko, A.V., Kravchuk, L.V., Ostroumov, P.N., Scharamentov, S.I., Serov, V.L., Fedotov, A.P., Kvasha, A.I., Murin, B.P. Beam matching in the transition region between DTL and DAWL of the INR linac 7009
Bylkin, B.K. *see* Antikain, P.A. 47641
Bylsma, B., Durkin, L.S., Larsen, D., Li, C., Ling, T.Y., Park, S., Romanowski, T.A., Rush, C., Sehgal, V., Seidlein, R. A fast digital cluster finder and processor for high energy physics 15667
Bylsma, B.G., Durkin, L.S., Li, C., Ling, T.Y., McLean, K., Park, S.K., Romanowski, A., Seidlein, R., Rush, C.J. A fast cluster finding processor for the ZEUS calorimeter 31675
Bylsma, R. *see* Hobson, W.S. 20915
Byon-Wagner, A. Beam tests of Hanging File Calorimeter 24013
Byong Hwa Koak *see* Kwang Ho Kwon 2105
Byoung Goo Min, Cheol Sang Kim, Jin Wook Choi, Chan Il Jung, Sang Woo Lee Development and in vivo experience of the electrohydraulic ventricular assist device 31981
Byoung Goo Min, Hee Chan Kim Development and in-vivo experience of the moving-actuator type total artificial heart 24365
Byoung Il Choi, Min Sik Jo, Chang Hee Nam Frequency recovery and pulse compression using Brillouin-enhanced four-wave mixing in an iodine laser 12367
Byoung Seob Park, Sung Chun Kim Design and performance analysis of cache coherence protocol for hierarchical shared memory multiprocessor 37135
Byoung Seob Park *see* Jae Ho Song 45322
Byrd, D. *see* Keating, P.A. 44774
Byrd, D.A., Bender, S.C. Designs for optical components related to the Los Alamos free-electron laser 43963
Byrd, D.A., Viswanathan, V.K., Woodfin, G.L., Horn, B.W., Lazazzera, V.J., Schmell, R.A. Design and manufacture of optical system for use in ultraviolet lithography with the free electron laser 27839
Byrd, D.A. *see* O'Shea, P.G. 12263
Byrd, D.A. *see* O'Shea, P.G. 43968
Byrd, D.A. *see* White, C.J. 28893
Byrd, J.E. *see* Heron, P.L. 1424
Byrkett, B.E. *see* Wu, W.-C.S. 41694
Byrne, A. *see* Butterworth, J. 38932
Byrne, B. *see* Yong Yan 31517
Byrne, C.L. *see* Soares, E.J. 15759
Byrne, C.L. *see* Steele, A.K. 44880
Byrne, D. *see* Alexander, S.B. 6055
Byrne, J.V. *see* O'Beirne, P. 38479
Byrne, K.P. The development of acoustic volume velocity sources 7652
Byrne, M., Curtin, M. Simplify the measurement of low-level signals using second-generation sigma delta A/D converters 10228
Byrne, M., Curtin, M. Second generation sigma-delta ADCs handle low-level signals 31138
Byrne, M., Curtin, M. 2nd generation sigma-delta ADCS. II 39037
Byrne, N. *see* Murphy, N. 7384
Byrne, P.H. Open networking perspective 37479
Byrne, P.J. *see* Caldwell, M.T.P. 38986
Byrne, P.J. *see* McTigue, M.T. 38413
Byrne, R., Shoja, G.C. Distributed system for VLSI layout compaction 33816
Byrns, E.V., Jr., Sweriduk, G.D., Pettengill, J. Low order robust dynamic compensation for a spherical wrist motor 25474
Byrns, R. *see* Kim, K.-J. 43996
Byron, K.C., Sugden, K., Bricheno, T., Bennion, I. Fabrication of chirped Bragg gratings in photosensitive fibre 2965
Bystrimovich, S.A., Karpushko, F.V., Utkin, I.A. High refractive nonlinearity in heavily-doped InP below the band edge 3792

Bystritsky, V.M. *see* Bertin, A. 31795
Bystrom, K.J. *see* Yellen, S.L. 12199
Bystrov, S.D. *see* Ber, B.Ya. 33624
Bystrov, V.G., Erygin, A.I., Popov, V.P., Semenov, A.L. Weak-signal recorder 4658
Bystrova, O.V., Dreizin, L.Z., Ivanov, P.P., Kovbasiuk, V.I., Koryagina, G.M., Medin, S.A., Palkin, V.F., Rogoy, B.V. Evaluation of characteristics of MHD power plant with thermochemical conversion of fuel 25314
Bystry, A.I. *see* But, V.V. 25733
Bytella, J. *see* Kronenberg, M.L. 17167
Byueng-Su Yoo, McKee, M.A., Sang-Gi Kim, El-Hang Lee Structural and electrical properties of InSb epitaxial films grown on GaAs by low-pressure MOCVD 19339
Byueng-Su Yoo *see* Seong-Ju Park 717
Byun, Y.T. *see* Kim, H.S. 36597
Byun Dongjin *see* Dongjin Byun
Byun Jeong Soo *see* Jeong Soo Byun
Byung Chul Ahn, Jeong Hyun Kim, Chan Hee Hong, Woo Yeol Kim, Kwang Nam Kim, Hee Kyung Kang, Jin Jang Amorphous silicon thin film transistors produced by atmospheric pressure CVD 9794
Byung Chul Ahn, Jeong Hyun Kim, Dong Gil Kim, Byeong Yeon Moon, Kwang Nam Kim, Chan Woo Lee, Jin Jang Hydrogenation effect of amorphous silicon thin film transistors by atmospheric pressure CVD 28148
Byung Chul Ahn, Jeong Hyun Kim, Dong Gil Kim, Byeong Yeon Moon, Kyung Ha Lee, Soon Sung Yoo, Min Koo Han, Jin Jang Fabrication of high performance APCVD a-Si TFT using ion doping 34998
Byung Chul Ahn *see* Jeong Hyun Kim 28162
Byung Chul Kim Design of the UHF power amp by using the 3dB coupler tuner 1571
Byung Ho Choi *see* Yong Eui Lee 33731
Byung Su Seol *see* Dae Hwan Kim 1219
Byung Tae Ahn *see* Dong Seop Kim 33043
Byung-Doo Choe *see* Sang-Yu Lee 19748
Byung-Eul Jun, Dong-Jo Park Novel steepest descent adaptive filter derived from new performance function with additional exponential term 42027
Byung-Ha Joo *see* Eui-Young Chung 18563
Byung-Hwa Koak *see* Ji-Beom Yoo 662
Byung-Hyuk Min *see* Yong-Sang Kim 42930
Byung-Sun Park *see* Hyung Joun Yoo 27853
Byung-Sun Park *see* Yong-Ho Oh 2278
Byung-Uk Lee *see* Joon-Seek Kim 29801
Byung-Wook Wie A differential game model of Nash equilibrium on a congested traffic network 479
Byungho Yi *see* Peterson, G.L. 45268
Byungsoo Chang *see* Joongsik Kih 41690
Byzery, B. Direct extraction of noise sources for MESFETs and HEMTs 27220

Caballero, F. *see* Ferrer, I.J. 26464
Cabaret, L. *see* Duchet, M. 32009
Cabarrocas, P.Roca i *see* Roca i Cabarrocas, P.
Cabarrocas Roca i *see* Roca i Cabarrocas
Cabaud, B. *see* Roux, J.F. 33722
Cabelli, S.A. *see* Kozlowski, L.J. 46502
Caber, P.J., Martinek, S.J., Niemann, R.J. A new interferometric profiler for smooth and rough surfaces 46627
Cabestany, J. *see* Madrenas, J. 43103
Cabiati, F. *see* Nerino, R. 46632
Cable, A.N. *see* Viveash, J.P. 47195
Cable, J.S. *see* Korde, R. 35585
Cable, L.G. *see* Terry, W.S. 39251
Cable, T. *see* Jones, S.L. 25150
Cabodi, G., Camurati, P., Corno, F., Prinetto, P., Sonz Reorda, M. Sequential circuit diagnosis based on formal verification techniques 1161
Cabon, B., Vu Dinh, T., Chilo, J. A quick SPICE simulation of cascaded lossless coupled interconnections 26564
Cabon, B., Vu Dinh, T., Chilo, J. Superconductive interconnections in multi-chip modules 33408
Cabot, C. *see* He Zhiyong 46884
Cabot, T. *see* Grenier, J.C. 44370
Cabral, C., Jr. *see* Clevenger, L.A. 27574
Cabrejas, M.L.de *see* de Cabrejas, M.L.
Cabrera, B. *see* Chugg, B. 24038
Cabrera, B. *see* Dougherty, B.L. 24034
Cabrera, B. *see* Penn, M.J. 24037
Cabrera, J.M. *see* Muller, R. 28585
Cabrera, L.-F. *see* Long, D.D.E. 45578
Cabrera, M., Lagunas, M.A. Simultaneous frequency and timing estimation from signal subspace in digital modulations 21506
Cabrera, S.D., Flores, B.C., Thomas, G., Vega-Pineda, J. Evolutionary spectral estimation based on adaptive use of weighted norms 36727
Cabrera-Gamez, J., Falcon, A. Generation and codification of connected components in images of pixel diagnosis 36927
Cabrero-Canosa, M. *see* Moret-Bonillo, V. 38955
Cabrita, C. Comparison between three-phase asynchronous and brushless DC motors 40254
Cabrol, D. *see* Gondry, J. 7442
Cabruja, E. *see* Cane, C. 2007
Caccamise, D.J., Hallbert, B.P., Harbour, G.L., Francis, L.C. Human factors engineers as change agents 16103
Caccia, A. *see* Patterson, A. 33864
Caccia, M., Gross, E. Probing timing problems in drift chambers 7205
Caccia Dominioni, F. Production, transmission and distribution of electricity in the framework of the E.C. Phare and Tacis programmes 39521
Cacciari, M., Mazzanti, G., Montanari, G.C. Weibull statistics in short-term dielectric breakdown of thin polyethylene films 43218
Cacciari, M. *see* Montanari, G.C. 24947
Cacciatore, C. *see* Campi, D. 23056
Cacciatore, C. *see* Campi, D. 35454
Cacciatore, C. *see* Campi, D. 35494
Caccuitto, M.J. *see* Monsay, E.H. 38163
Cachard, C. *see* Gimenez, G. 14730
Cacho, L.Macho *see* Macho Cacho, L.
Cacopardi, S., Frescura, F., Reali, G. Increased capacity of DS-CDMA mobile systems on frequency-selective slow fading channels 45835
Cacopardi, S., Martinino, F., Reali, G. Power control techniques performances evaluation in the SCPC/DAMA access scheme 22965
Cacopardi, S. *see* Capodieci, P. 37901
Cada, M., He, J., Dupertuis, M.-A., Martin, D., Morier-Genoud, F., Rolland, C., SpringThorpe, A.J. All-optical signal regeneration using a nonlinear bistable DFB/FP structure 38111
Cada, M., He, J., Rolland, C., SpringThorpe, A.J. Transparent optical signal regeneration using a nonlinear bistable device 5969
Caddedu, R. *see* Hill, G.R. 6051
Caddemi, A., Martines, G., Sannino, M. CAD-oriented modeling of low-noise HEMTs 19057
Caddemi, A., Sannino, M. Modelling of low-noise microwave HEMTs for CAD-oriented applications 10445
Caddemi, A., Sannino, M. CAD-oriented noisy small-signal models of HEMTs 34241
Cade, I., Matthews, O. Fibre to the wide business community—the next generation of fibre access network 5905
Cadeddu, R., Vezzoni, E., Donati, S., Rotolo, S. Multiple wavelength optical transport networks: current status and prospects 23070
Cadigan, M. Trends in electronic packaging 26208
Cadilhac, M. *see* Zolla, F. 44281
Cadogan, D.P., George, A.E., Winkler, E.R. Aircrew helmet design and manufacturing enhancements through the use of advanced technologies 47194
Cadorette, J., Rodrigue, S., Lecomte, R. Tuning of avalanche photodiode PET camera 15736
Cadorette, J. *see* Lecomte, R. 15737
Cadorette, J. *see* Msaki, P. 31870
Cadre, J.-P.Le *see* Le Cadre, J.-P.
Cadre, J.P.Le *see* Le Cadre, J.P.
Cadusch, P.J. *see* Nunez, P.L. 39040
Cadwallader, J.M. *see* Radmanesh, M.M. 1559
Cadwallader, M., Mathieson, M. Floating covers for anaerobic digesters producing electrical power 8168
Cadwell, C.L. *see* Algazi, V.R. 4476
Cady, E. The evolution of PCMCIA [cable connector technology] 27347
Cady, E. SCSI-4 connectors emerge 34317
Cadzow, J.A. Least squares, modeling, and signal processing 36653
Cadzow, J.A. Total least squares, matrix enhancement, and signal processing 36654
Cadzow, J.A., Wilkes, D.M., Peters, R.A., II, Li, X. Image texture synthesis-by-analysis using moving-average models 22023
Cadzow, J.A. *see* Liang, G. 13176
Cadzow, J.A. *see* Yardimci, Y. 29834
Caefer, C.E., Silverman, J., Mooney, J.M., Tzannes, A.P., Vickers, V.E. Signal processing algorithms for point target detection in consecutive frame staring imagery 32154
Caelen, J. *see* Nguyen Thi, H.L. 13106
Caelli, T., Dreier, A. Variations on the evidence-based object recognition theme 45098
Caelli, T. *see* Barth, E. 5119
Caelli, W., Graham, I., O'Connor, L. Cryptographic application programming interfaces (APIs) 21588
Caesar, K. *see* Alrutz, H. 6205
Caesar, M. *see* Doege, E. 23882
Caffaro, M.A.Grado *see* Grado Caffaro, M.A.
Caffaro, M.Grado *see* Grado Caffaro, M.
Caffrey, R.T., Riley, J.T., Hilsenrath, E., Hynes, S., Hui, J., Sjolander, S. Forth in space: interfacing SSBUV, a scientific instrument, to the Space Shuttle 32032
Caffrey, R.T. *see* Hilsenrath, E. 24486
Cafuta, P. Dynamic analysis of induction motor model 47875
Cagan, J. *see* Vasseur, H. 26214
Cagan, M., Gushaw, B., Wiseman, J., Tien, D. A study of trimethylsilyldiethylamine (TMSDEA) as a vapor priming agent 11003
Cagatay Guler, E. *see* Sankur, B. 47033
Cagigal, M.P. *see* Vega, L. 29845
Caglar, H. *see* Akansu, A.N. 21717
Caglar, M. *see* Siddiqui, M.M. 26286
Caglioti, V. The planar three-line junction perspective problem with application to the recognition of polygonal patterns 13635
Caglioti, V. How to look at an uncertain point 36975
Cagnat, X. *see* Cance, M. 38406
Cah Zion *see* Zion Cah
Caha, Z. Applications of power electronics in motor drives 8871
Cahall, S.C. *see* Blatt, J.H. 6424
Cahall, S.C. *see* Blatt, J.H. 6790
Cahall, T.K. Multimode fiber optic cable: how long will it last? 30797
Cahay, M. *see* Qian, G. 20204
Cahay, M. *see* Qian, G. 43348
Cahay, M. *see* Thanikasalam, P. 28832
Cahen, D. *see* Gartsman, K. 1948
Cahill, L.W. *see* Deng, G. 29911
Cahill, L.W. *see* Tang, H. 30000
Cahill, L.W. *see* Tang, H. 30001
Cahill, L.W. *see* Zhu, X.-Y. 29553
Cahill, L.W. *see* Zhu, X.Y. 13037
Cahill, L.W. *see* Zhu, X.Y. 13067
Cahill, P. *see* Jian-Hong Hu 31887
Cahill, P.A. *see* Andrews, J.H. 21028
Cahill, P.A. *see* Kowalczyk, T.C. 44106
Cahill, P.T. *see* Hutchinson, S.A. 24327
Cahill, R., Sturland, I.M., Bowen, J.W., Parker, E.A., de Lima, A.C. Frequency selective surfaces for millimetre and submillimetre wave quasi optical demultiplexing 4342
Cahlon, B., Schochetman, I.E., Shillor, M. Convective cooling and optimal placement of electronic components with variable ambient temperature. I. The linear model 1704
Cahoon, N. *see* Vettiger, P. 3641
Cai, A. *see* He, Y.J. 13481
Cai, L., Wang, H., Tsao, C., Brown, R. A simple method for over-resolved moving target detection in clutter 46052
Cai, L.Z., Guo, C.S. The Fraunhofer-Fresnel hologram and its applications 36043
Cai, M., Ball, J. Noise cancellation with uncorrelated reference—a non linear filter approach 13448
Cai, M., Kooi, P.S., Leong, M.S. An efficient approach for the evaluation of the double integrals in the analysis of printed circuit antennas 44553
Cai, M. *see* Alguindigue, I.E. 32616
Cai, S.Z., Chen, D.Y. High-T_c superconducting microwave phase shifter 42148
Cai, W.H. *see* Yang, Z.P. 8827
Cai, W.Z. *see* Li, Z.S. 10966
Cai, X.-D., Costache, G.I. Theoretical modeling of longitudinal variations of electric field and line impedance in TEM cells 12647
Cai, X.Y., Kvasnik, F., Blore, R.W. Registration error measurements with coherent optical processors 2635
Cai, Y., Fortenberry, R.M., Tucker, R.S. Demonstration of photonic packet-switched ring network with optically transparent nodes 38052
Cai, Z., Bornemann, J. Full-wave analysis of multiple lossy microstrip lines on multilayered bi-anisotropic substrates and imperfect ground metallization 1454
Cai, Z., Goldstein, I., Pasciak, J.E. Multilevel iteration for mixed finite element systems with penalty 581
Cai, Z.G. *see* Zhou, J.Y. 21033
Cai Canhui *see* Canhui Cai
Cai Chuanbing *see* Chuanbing Cai
Cai Guochang *see* Wu Jie 10262
Cai Hai-Nan *see* Li Peng-Sheng 31452
Cai Hao Yi *see* Hao Yi Cai
Cai Hua-Lin Application of computer in five dividing grating signals 23456
Cai Huizhi *see* Li Qihu 29689
Cai Jianming *see* Zhang Genxin 5839
Cai Jibing *see* Jibing Cai
Cai Jinhai, Jiang Gangji, Zhang Lihe New method for extracting speech formants using LPC phase spectrum 13077
Cai Jinxing *see* Huo Yujing 20668
Cai Jinxing *see* Huo Yujing 20672
Cai Jinxing *see* Huo Yujing 20740
Cai Kaiyu *see* Kaiyu Cai
Cai Ningsheng, Xu Yiqian, Chapman, J.N., Sha Ciwen Modelling for the system study of the Chinese coal-fired MHD retrofit 25306
Cai Ping, Liang Guolong, Hui Junying Influence of boundaries on ultrashort-base line underwater acoustic tracking system 29688
Cai Rong *see* Ni Qiuya 25723
Cai Shijun *see* He Yie 11148
Cai Song, Zheng Wende, Lui Hao, Wei Qidong, Cheng Yonguan, Yuan Yousheng, Chen Aizhu, Yang Aihua Preliminary study of a 20 MW, coal fired slagging combustor 25322
Cai Song *see* Cheng Yongyuan 25324
Cai Song *see* Su Shi 25792
Cai Song *see* Wei Qidong 25326
Cai Sui Xiong *see* Sui Xiong Cai
Cai Ticheng *see* Liu Chengze 25740
Cai Ticheng *see* Shu Zongxun 25352

Cai Tiequan, Wang Hui, Tang Yixing Real-time color debugging pseudocolor encoding on phase objects 22135
Cai Wei, Qian Xing, Dai Guangxi, Liang Guozhao A double particle identification system for a time-of-flight and ΔE-E telescope for measuring fusion residues 31794
Cai Wei *see* Gang Zhang Yanbin 8537
Cai Weili *see* Weili Cai
Cai Xuansan *see* Zhang Xiaoyang 41636
Cai Yang *see* Yang Cai
Cai Zexiang, Ni Yixin The extended equal area criterion (EEAC) including transient stability emergency control 16215
Cai Zheng *see* Zhang Genxin 5839
Cai Zhenglian *see* Zhenglian Cai
Cai-Cheng Lu, Weng Cho Chew A recursive aggregation method for the computation of electromagnetic scattering by randomly distributed particles 4030
Cai-Cheng Lu *see* Weng Cho Chew 44321
Cai-Xian Yao *see* Yao Cai-Xian
Caibing Yang *see* Yang Caibing
Caiguang Xue *see* Xue Caiguang
Caillas, C., Porcher, T. Thermal imaging to recover properties of materials 13728
Cailliau, M. *see* De Wilde, W.R. 24756
Caillie, B.Van *see* Van Caillie, B.
Caillol, H., Hillion, A., Pieczynski, W. Fuzzy random fields and unsupervised image segmentation 24458
Caillot, M. Learning electricity and cognitive modeling 33278
Cain, B.M., Goud, P.A., Englefield, C.G. RF power amplifier simulation using SPICE 1081
Cain, C. *see* Wang, H. 15901
Cain, C.A. *see* Hong Wang 39093
Cain, C.A. *see* Jeffers, R.J. 15898
Cain, G.B. *see* Robertson, D.H. 32733
Cain, G.D., Yardim, A. Unification of several approaches to mean frequency estimation for Doppler determination 13259
Cain, G.D. *see* Beliczynski, B. 34170
Cain, M.J. *see* Allred, L.G. 23446
Cain, O. *see* Givens, J. 43093
Cain, O. *see* Leroy, B. 27639
Cain, O. *see* Leroy, B. 27640
Cain, P. *see* Kazanzides, P. 24370
Cain, P.W. *see* Paul, H.A. 24369
Caine, E.J. *see* Bolognesi, C.R. 28190
Caine, E.J. *see* Bolognesi, C.R. 43000
Caini, C., Immovilli, G., Merani, M.L. Outage probability in FDMA/TDMA mobile communication networks 45870
Caini, C. *see* Falciasecca, G. 45872
Caire, G., Grossman, R.L., Poor, H.V. Wavelet transforms associated with finite cyclic groups 21838
Caire, G., Grossman, R.L., Poor, H.V. Wavelet transforms associated with finite cyclic groups 21892
Cairns, C. Power system observation using phasor angle information 47599
Cairns, E.J. A new mandate for energy conversion: zero emission (electric) vehicles 17562
Cairns, E.J., Kinoshita, K., McLarnon, F.R., Rudnicki, J.D. Photothermal deflection spectroscopic studies of electrochemical oxidation 17289
Cairns, E.J. *see* Striebel, K.A. 25889
Cairns, G., Lewis, C.L.S., MacPhee, A.G., Neely, D., Holden, M., Krishnan, J., Tallents, G.J., Key, M.H., Norreys, P.N., Smith, C.G., Zhang, J., Holden, P.B., Pert, G.J., Plowes, J., Ramsden, S.A. Preliminary studies of radiation coupling between remote soft X-ray laser amplifiers 35648
Cairns, G. *see* Tombs, J. 10378
Caisheng Chen *see* Shuqun Zhang 11779
Caisheng Chen *see* Shuqun Zhang 11782
Caisheng Chen *see* Shuqun Zhang 43589
Caiti, A. *see* De Rossi, D. 14975
Caixin Sun *see* Sun Caixin
Cajal, D. *see* Laurent, A. 17105
Cajhen, R. *see* Ambrozic, V. 16862
Cajhen, R. *see* Voncina, D. 17092
Cake, B. *see* LeCroy, W. 38604
Cala, F.R., Winston, A.E. An update concerning aqueous-based defluxing methods 27382
Calabek, M. *see* Hollenkamp, A.F. 40420
Calabrese, G. *see* Pavelchek, E. 11071
Calabrese, G.S. *see* Dressick, W.J. 19647
Calabrese, G.S. *see* Pavelchek, E.K. 11032
Calabrese, J. *see* Cheng, K.L.K. 18123
Calabrese, J.C. *see* Nicholls, J.F.H. 18124
Calabrese, R., Ciullo, G., Della Mea, G., Egeni, G.P., Guidi, V., Lamanna, G., Lenisa, P., Maciga, B., Rigato, V., Rudello, V., Tecchio, L., Yang, B., Zandolin, S. Performance of a GaAs electron source 38804
Calabrese, R., Ciullo, G., Guidi, V., Lamanna, G., Lenisa, P., Maciga, B., Tecchio, L., Yang, B. Long-lifetime high-intensity GaAs photosource 34473
Calabrese, R. *see* Aleksandrov, A.V. 7142
Calabrese, R. *see* Aleksandrov, A.V. 31655
Calabrese, R. *see* Antonelli, A. 24054
Calabretta, L. *see* Migneco, E. 7144
Calabria, R., Pulcini, G. An engineering approach to Bayes estimation for the Weibull distribution 41010
Calabrini, G. *see* Scarati, C. 37871
Calafiore, G. *see* Cutolo, A. 28932
Calamia, M. *see* Guglielmi, M. 42166
Calamvokis, C. *see* Dalton, C. 5473
Calandra, E.F. DC/RF characterization and modeling of illuminated microwave GaAs MESFETs 10473
Calandra, E.F., Sommariva, A.M. Analysis of phase-locked high-order oscillators under low-level injection 10011
Calantoni, A., Cerquozzi, G. CAD systems for cartography and planning of the local access telephone network 5397
Calantoni, A., Cerquozzi, G., Montalti, F. Optical fiber in the Italian distribution network: an overview on the architecture, cable and equipment used 5908
Calarco, J.R. *see* Zondervan, A. 46867
Calas, C. *see* d'Ausbourg, B. 22552
Calas, J. *see* Haidoux, A. 9567
Calasanzio, D., Maja, M., Spinelli, P. Fast charging of lead/acid batteries 17554
Calasanzio, D. *see* Baudo, G. 48252
Calawa, A.R. *see* Chen, Y. 6505
Calawa, A.R. *see* Gupta, S. 1854
Calawa, R. *see* Witt, G.L. *(editor)* 68
Calcagno, M.F. Reliability the key to system-wide communications 45782
Calcott, P.D.J. *see* Emeny, M.T. 656
Calcutt, S.B., Pritchard, T.M., Hepplewhite, C.L., Taylor, F.W., Werrett, S.T., Arijs, E., Nevejans, D. Radiometer for the measurement of water vapor in the upper atmosphere from space 24493
Calcutt, S.B. *see* Irwin, P.G.J. 28578
Caldecott, R., Sebo, S.A. Shielding factor and its measurement 36230
Caldeira, P. *see* Aydemir, M.T. 25880
Calder, D.J. Flexible speech and designs requiring large vocabulary speech systems 15928
Calderbank, A.R., Fishburn, P.C. The normalized second moment of the binary lattice determined by a convolutional code 44707
Calderbank, A.R., Fishburn, P.C., Rabinovich, A. Sequence based methods for data transmission and source compression 12844
Calderbank, A.R., Seshadri, N. Multilevel codes for unequal error protection 21613
Calderbank, A.R. *see* Hammons, A.R., Jr. 12845
Calderbank, A.R. *see* Pottie, G.J. 21630
Calderon, A.J. *see* Calderon, M. 6676
Calderon, F. *see* Portelles, J. 2714
Calderon, J.C., Salvador, J.R., Valle, R., Paris, L., Ferrer, C. Multi-protocol communications controller 22572
Calderon, L. *see* Ceres, R. 7656
Calderon, L. *see* Martin Abreu, J.M. 6432
Calderon, L. *see* Yang, L.W. 11167
Calderon, M., Calderon, A.J., Garcia Barrero, J.M. An oscilloscope interface for the study of transient phenomena 6676
Caldwell, A. *see* Bernstein, A. 31661
Caldwell, A. *see* Wang, M.-Z. 31689
Caldwell, B. KAOS at ground zero: video, teleconferencing and community networks 46253
Caldwell, B., Langford, T. Is IEEE 1149.1 boundary scan cost effective: a simple case study 245
Caldwell, B. *see* Fearon, P. 798
Caldwell, B.S. *see* Maryniak, J.A. 14089
Caldwell, B.S. *see* Taha, L.H. 5278
Caldwell, B.S. *see* Taha, L.H. 13933
Caldwell, D.O. *see* Abe, K. 7260
Caldwell, D.O. *see* Abe, K. 15619
Caldwell, D.O. *see* Abe, K. 46930
Caldwell, M.S. *see* Maryniak, J.A. 14089
Caldwell, M.T.P., Byrne, P.J., Brazil, N., Crowley, V., Attwood, S.E.A., Walsh, T.N., Hennessy, T.P.J. An ambulatory bile reflux monitoring system: an in vitro appraisal 38986
Caldwell, S.P., Driscoll, M.M., Foley, W.S., Hayes, J.T., Merrell, T.D. Recent advances in exciter and waveform generator technology at Westinghouse 23171
Caldwell, S.P. *see* Wang, B.P. 9456
Cale, T.S., Raupp, G.B., Hillman, J.T., Rice, M.J., Jr. Kinetics and conformality of TiN films from TDMAT and NH_3 824
Cale, T.S. *see* Hung Liao 10949
Cale, T.S. *see* Raupp, G.B. 2239
Cale, T.S. *see* Raupp, G.B. 9722
Cale, T.S. *see* Rogers, B.R. 9773
Cale, T.S. *see* Taylor, D.S. 802
Calhoun, J.M. *see* Coursey, B.M. 38854
Caliendo, C., Verona, E., D'Amico, A., Furlani, A., Iucci, G., Russo, M.V. Surface acoustic wave humidity sensor 6406
Califano, F.P. *see* Schirone, L. 32788
Calik, N. Disturbance-free switches 17843
Caliskan, F., Vepa, R. Transputer implementation of an algorithm for self-repairing real-time flight control (SRFC) systems 38397
Caliskan, V.A. *see* Gan, D. 25515
Caliskan, V.A. *see* Siri, K. 25552
Calistri-Yeh, R.J. Applying blackboard techniques to real-time signal processing and multimedia network management 37357
Calixto, S. *see* Boiko, Y.B. 36071
Calkins, D.E. *see* Theodoracatos, V.E. 5112
Calla, O.P.N. Klystron 1805
Calla, O.P.N. Microwave antennas 4269
Calla, Q.P.N. Magnetron and travelling wave tubes 1804
Callaerts, R. *see* Sleeckx, E. 9763
Callaghan, J., Turner, T. Coordinated approach to telecommunications management 30321
Callaghan, M.A. ATM, 802.6, and the corporate network 30482
Callahan, D. *see* Cordi, A. 28714
Callahan, D.A., Langdon, A.B., Friedman, A., Grote, D.P., Haber, I. Modeling the longitudinal wall impedance instability in heavy ion beams using an R-Z PIC code 15473
Callahan, D.A., Langdon, A.B., Friedman, A., Haber, I. Longitudinal beam dynamics for heavy ion fusion using WARPrz 46757
Callahan, D.A. *see* Friedman, A. 15477
Callahan, D.A. *see* Friedman, A. 31565
Callahan, D.A. *see* Friedman, A. 46758
Callahan, G. *see* Alles, A.B. 879
Callaway, T.K., Swartzlander, E.E., Jr WSI design of a radix 2 butterfly using macrocell pools 41997
Calle, F., Sanchez-Rojas, J.L., Munoz, E. Material aspects of novel microwave devices: InGaAs pseudomorphic and piezoelectric HEMTs 27251
Calle, F. *see* Alvarez, A.L. 42627
Calle, V.E.S. *see* Ayuso, A.J.R. 12991
Callegari, A., Pomerene, A.T., Hovel, H.J., Babich, E.D., Purushothaman, S., Shaw, J.M. Optical properties of hydrogenated amorphous-carbon film for attenuated phase-shift mask applications 27942
Callegari, A. *see* Clearfield, H.M. 17882
Callegari, A.C. *see* Sun, J.Z. 2901
Callegati, F., Widjaja, I. On call admission control based on fuzzy traffic parameters 37096
Calleja, E. *see* Alvarez, A.L. 42627
Calleja, E. *see* Fernandez de Avila, S. 34668
Calleja, J.M. *see* Oshinowo, J. 10809
Callejo, L. *see* Chen, C.H. 1612
Callele, D. *see* Vaidyanathan, C.S. 30486
Callender, C.L., Robitaille, L., Leclerc, M. Assessment of third-order optical nonlinearities in conjugated organic polymers 12353
Callender, C.P., Cowan, C.F.N. Equalisers for digital communications using generalized distance measurement 21904
Callender, C.P., Cowan, C.F.N., Theodoridis, S. The piecewise linear adaptive filter for channel equalisation in digital communications 13396
Callender, C.P. *see* Cowan, C.F.N. 12811
Calley, M.B. *see* Smith, C.L. 16584
Calliari, I. *see* Pavesi, L. 28658
Calliari, L. *see* Laidani, N. 10810
Calliari, L. *see* Pavesi, L. 35616
Callin, R. *see* Ruth, R.D. 46776
Callis, J.B. *see* Baron, A.E. 23758
Callot, O. *see* Cattaneo, M. 38897
Calloway, D.L. Optimal correlation with ternary phase-amplitude filters in a binary discrimination tree 30116
Calloway, T.M., Donohoe, G.W. Subaperture autofocus for synthetic aperture radar 46039
Calmes, M.de *see* de Calmes, M.
Caloba, L.P. *see* Adam, W. 31715
Caloba, L.P. *see* Adam, W. 46929
Calonnier, M. *see* Konik, H. 45062
Calovic, M.S. *see* Levi, V.A. 7899
Calster, A.Van *see* Van Calster, A.
Calton, P., Roberts, D.G., Lloyd, M.S. Fully water blocked 11 kV cable 16344
Calvaer, A. Magnetic energy storage: theoretical recapitulations and summary of experiments under way 40497
Calvel, P. *see* Zupac, D. 34975
Calvert, J. Silver through hole PCBs 34353
Calvert, J.M. Lithographic patterning of self-assembled films 27892
Calvert, J.M., Koloski, T.S., Dressick, W.J., Dulcey, C.S., Peckerar, M.C., Cerrina, F., Taylor, J.W., Suh, D., Wood, O.R., II, MacDowell, A.A., D'Souza, R. Soft X-ray (14 nm) lithography with ultrathin imaging layers and selective electroless metallization 2309
Calvert, J.M., Koloski, T.S., Dressick, W.J., Dulcey, C.S., Peckerar, M.C., Cerrina, F., Welch Taylor, J., Doowon Suh, Wood, O.R., II, MacDowell, A.A., D'Souza, R. Projection X-ray lithography with ultrathin imaging layers and selective electroless metallization 11036
Calvert, J.M. *see* Dressick, W.J. 19647
Calvert, J.M. *see* Dressick, W.J. 27841
Calvert, J.M. *see* Dulcey, C.S. 11089
Calvert, J.M. *see* Marrian, C.R.K. 19696
Calvert, J.M. *see* Suh, D. 27969
Calvert, K.L. *see* Clark, R.J. 5491
Calvert, S. *see* Motte, R.H. 38184
Calvetti, D., Golub, G.H., Reichel, L. An adaptive Chebyshev iterative method for nonsymmetric linear systems based on modified moments 33523
Calvetti, D., Reichel, L. Fast inversion of Vandermonde-like matrices involving orthogonal polynomials 9461
Calvignac, B. Assessment of Columbus payload operations capabilities by scheduling with M.A.R.S. system 7517

Calvin, J., Rogers, S., Zahirniak, D., Ruck, D., Oxley, M. Characterization of the 8017NX (ETANN) chip sigmoidal transfer function for a device $V_{GAIN}=3.3V$ 27115
Calvo, J.F. New fossil power plants in Spain 39941
Calvo, L., Perez-Rodriguez, A., Romano-Rodriguez, A., Morante, J.R., Montserrat, J. Structural analysis of buried AlN thin films formed by nitrogen implantation into microelectronics grade aluminium 34792
Calvo, M. *see* Zouari, I. 787
Calvo, M.L. *see* Cheben, P. 29044
Calvo, M.P., Sanz-Serna, J.M. High-order symplectic Runge-Kutta-Nystrom methods 607
Calvo, M.P., Sanz-Serna, J.M. Canonical B-series 41171
Calwer, H. *see* Bauer, J. 33065
Calwer, H. *see* van den Berg, R. 17390
Calzada, N. *see* Portelles, J. 2714
Calzavara, M. *see* Cinato, P. 46022
Calzona, V., Cimberle, M.R., Ferdeghini, C., Grasso, G., Putti, M., Siri, A.S. A new technique to obtain a fast thermocouple sensor for thermal diffusivity measurements in an extended temperature range 31165
Camacho, E.F., Berenguel, M., Rubio, F.R. Application of a gain scheduling generalized predictive controller to a solar power plant 40059
Camacho, J.F. *see* Swegle, J.A. 34484
Camacho, J.R. *see* Arrillaga, J. 7737
Camacho-Penalosa, C., Entrambasaguas-Munoz, J.T. Comments on 'Instantaneous model of a MESFET for use in linear and nonlinear circuit simulations' by I. Corbella et al. [and reply] 35033
Camacho-Penalosa, C. *see* Molina-Fernandez, I. 4174
Camanzi, A. *see* Sberveglieri, G. 6660
Camara, J.M. *see* Lobo, I. 8826
Camara Perez, L. *see* Anton Molina, O. 38493
Camarda, P., D'Orazio, A., Nuovo, M.M., Matera, F., Settembre, M. Proposal of all-optical shuffle multihop networks with dedicated and shared channels 23061
Camarda, R.M. *see* Farrow, R.C. 27894
Camargo, M.B. *see* Stultz, R.D. 35975
Camarota, R., Rosenberg, J. Cache Logic FPGAs for building adaptive hardware 41788
Camarri, P. *see* Autiero, D. 15629
Camarri, P. *see* Autiero, D. 15630
Camassel, J. *see* Kohl, A. 9643
Cambier, C. *see* Huang, H. 48282
Cambois, G., Stoffa, P. Surface-consistent phase decomposition in the log/Fourier domain 15976
Cambon, O., Deleuze, M., Michel, J.P., Aubry, J.P., Goiffon, A., Philippot, E. Controlled dissolution of quartz. II. Quartz chemical etching applied to blanks industrial manufacturing 43228
Cambou, N. *see* Teissier, L. 23163
Cambrell, G.K. *see* Lawrence, B.G. 1488
Cambrell, G.K. *see* Lawrence, B.G. 18990
Cambrell, G.K. *see* Wang, X.H. 20342
Cambronne, J.P. *see* Pierre, X. 8588
Camci, C. *see* McLean, C. 23934
Camensig, C. *see* Picciolo, G. 25980
Camerini, P. *see* Bonutti, F. 24109
Camerini, U. *see* Grajew, G. 37613
Cameron, A.A. The 24 hour helmet mounted display 47202
Cameron, D. *see* Petrovic, R. 14484
Cameron, D. *see* Roehr, W. 14483
Cameron, D.C., Karim, M.Z., Hashmi, M.S.J. Properties of mixed-phase BN films deposited by r.f. PACVD 9770
Cameron, D.C. *see* Karim, M.Z. 26472
Cameron, D.E., Lang, J.H. The control of high-speed variable-reluctance generators in electric power systems 47847
Cameron, D.S., Hards, G.A., Thompsett, D. Direct methanol fuel cells—present status and future prospects 17290
Cameron, G.P., Judy, J.H. Micromagnetic structures of recorded transitions in isotropic high-coercivity longitudinal thin films 43313
Cameron, J.F. *see* Willson, C.G. 11080
Cameron, K., Canaris, J., Whitaker, S. A video image processor for real-time centroid calculation 18784
Cameron, K. *see* Knight, D.J.E. 6295
Cameron, M.A. *see* Turner, T.R. 31924
Cameron, N. *see* Murad, S.K. 27741
Cameron, N.I., Ferguson, S., Taylor, M.R.S., Beaumont, S.P., Holland, M., Tronche, C., Soulard, M., Ladbrooke, P.H. Selectively dry gate recessed GaAs metal-semiconductor field-effect transistors, high electron mobility transistors, and monolithic microwave integrated circuits 28210
Cameron, P. *see* Huang, H. 7044
Cameron, P.J., Praeger, C.E., Wormald, N.C. Infinite highly arc transitive digraphs and universal covering graphs 26310
Cameron, T. *see* Hunt, W.D. 2746
Cameron, T. *see* Hunt, W.D. 2758
Cameron, T. *see* Hunt, W.D. 11445
Cameron, T.P., Saw, J.C.B., Suthers, M.S. Applications of SAW technology in a SONET-compatible high capacity digital microwave radio 5743
Camerota, R., Rosenberg, J. Data acquisition design with cache logic 33956
Camezind, H.R., Brotton, D. Anatomy of a s-m custom voltage regulator 26674
Camiade, M. *see* Quere, R. 34282
Camiade, M. *see* Suarez, A. 27298
Camiade, M. *see* Villemazet, J.F. 27235
Camilleri, N., Costa, J., Lovelace, D., Ngo, D. Silicon MOSFETs, the microwave device technology for the 1990s 1505
Camilleri, N., Costa, J., Lovelace, D., Ngo, D. Silicon MOSFET's wireless technology for the 90's 30621
Camilleri, N. *see* Costa, J.C. 1517
Camilleri, N. *see* Ngo, D. 1617
Camin, D.V., Pessina, G., Previtali, E. Improvements in dynamic and $1/f$ noise performances of GaAs MESFETs at cryogenic temperatures by using a monolithic process 20021
Camin, D.V. *see* Alessandrello, A. 15622
Camin, D.V. *see* Alessandrello, A. 24024
Camin, D.V. *see* Alessandrello, A. 24025
Camin, D.V. *see* Alessandrello, A. 24031
Caminade, J. *see* Austin, P. 2483
Caminal, P. *see* Jane, R. 15876
Caminal, P. *see* Laguna, P. 15882
Caminal, P. *see* Laguna, P. 47107
Caminal, P. *see* Thakor, N.V. 31934
Camm, A.J. *see* Kulakowski, P. 15854
Camm, A.J. *see* Malik, M. 15852
Camm, A.J. *see* Xia, R. 24300
Cammann, K. *see* Sander, J. 7645
Cammuso, J.A. *see* Lavoie, D.C. 16634
Camon, A., Lopez, M., Lera, F., Pinto, P., Lorenzo, L., Lamana, J.M., Rillo, C., Navarro, R. Progress in the establishment of a Josephson voltage standard at the Spanish TPA 6277
Camon, H. *see* Danel, J.S. 42745
Camon, H. *see* Rouhani, M.D. 42833
Camp, W.O., Jr., Van der Spiegel, J. A CMOS silicon VLSI optical sensor 23724
Campabadal, F. *see* Fonseca, L. 19467
Campagnolo, R. *see* Cinotti, L. 7341
Campajola, L., De Rosa, A., D'Onofrio, A., Fioretto, E., Inglima, G., La Commara, M., Ordine, A., Roca, V., Romano, M., Romoli, M., Sandoli, M., Terrasi, F., Cardella, G., Rizzo, F. A three-stage detector for heavy fragments and light particles emitted in heavy ion collisions 46877
Campana, D. *see* Abbrescia, M. 7270
Campana, M. *see* Baritaud, T. 12931
Campanella, M., Mamola, G., Randazzo, E. Effective bandwidth optimization for noncoherent full-response CPM systems 21502
Campanella, P. *see* Dagen, A.J. 37808
Camparo, J.C. *see* Drullinger, R.E. 23388
Campbell, A. *see* Ball, F. 5303
Campbell, A. *see* Henderson, L. 39242
Campbell, A. *see* Kaushik, V. 28339
Campbell, A.B. *see* Cutchin, J.H. 34064
Campbell, A.B. *see* McMorrow, D. 34924
Campbell, A.B. *see* Weatherford, T.R. 35030
Campbell, A.B. *see* Weatherford, T.R. 39239
Campbell, A.B. *see* Weatherford, T.R. 43005
Campbell, A.C. *see* Maniar, P.D. 28335
Campbell, A.C. *see* Olowolafe, J.O. 11364
Campbell, A.C. *see* Sudhama, C. 27609
Campbell, A.N., Cole, E.I., Jr., Dodd, B.A., Anderson, R.E. Internal current probing of integrated circuits using magnetic force microscopy 35049
Campbell, A.N., Cole, E.I., Jr., Dodd, B.A., Anderson, R.E. Magnetic force microscopy/current contrast imaging: a new technique for internal current probing of ICs 43043
Campbell, B.F. *see* Ma, S.S. 29011
Campbell, C.E., Jr., Semion Kizhner On Capaciflector sensor data interpretation using the constrained deconvolution algorithm 46378
Campbell, C.F., Weber, R.J. Two dimensional finite difference method for the analysis of piezoelectric devices 11402
Campbell, C.K., van Wyk, J.D., Holm, M.F.K., Prinsloo, J.J.R., Schoeman, J.J. Relaxation effects in high-voltage barium titanate nonlinear ceramic disk capacitors 8731
Campbell, C.K. *see* Edmonson, P.J. 5861
Campbell, D. *see* Sloan, K.R. 29760
Campbell, D.R. Miniature fused polarization-maintaining couplers for gyroscope applications 3038
Campbell, D.R., Trundle, D.S. Digital image processing in undergraduate courses 13840
Campbell, D.S. *see* Tunnicliffe, M.J. 28166
Campbell, D.V. *see* Snyder, E.S. 35084
Campbell, E.R. *see* Rodda, W.E. 6206
Campbell, E.W. *see* Kim, T.J. 38725
Campbell, F.J. *see* Bruning, A.M. 24945
Campbell, F.J. *see* Turner, N.H. 43201
Campbell, F.W. *see* Pelah, A. 22084
Campbell, G. *see* Wenxin Xu 30208
Campbell, I. Type approval and official calibration of sound level meters in the Federal Republic of Germany 38758
Campbell, J. *see* Murtaza, S. 35457
Campbell, J.B., Ran, L. CHROM: a C program to evaluate the application of the dark object subtraction technique to digital remote-sensing data 22075
Campbell, J.C. *see* Chandramouli, V. 20539
Campbell, J.C. *see* Kuchibhotla, R. 23595
Campbell, J.C. *see* Lai, K. 46450
Campbell, J.C. *see* Lee, W.D. 3652
Campbell, J.C. *see* Srinivasan, A. 38489
Campbell, J.F. *see* Ewing, D.J.F. 47695
Campbell, J.H. *see* Marker, A.J., III 28425
Campbell, J.J., Zimmerman, C.M. When technicians use computer programs: approaches to procedure writing 39750
Campbell, J.L. *see* Spiker, A. 39749
Campbell, J.P. *see* Altin, C.A. 32695
Campbell, J.W., Johnson, K.W., Helgoth, W.F., Escovitz, W.H. Mechanical design of a new oscilloscope mainframe for optimum performance 38600
Campbell, K.W., Wiener, M.J. DES is not a group 21542
Campbell, L.L. *see* Smith, W.S. 36452
Campbell, M., Antinori, F., Beker, H., Beusch, W., Chesi, E., Heijne, E.H.M., Heuser, J., Jarron, P., Karttaavi, T., Krummenacher, F., Lopez, L., Meddeler, G., Menetrey, A., Middelkamp, P., Neyer, C., Pengg, F., Pindo, M., Quercigh, E., Simone, S., Verweij, H. Development of a pixel readout chip compatible with large area coverage 46972
Campbell, M. *see* Anghinolfi, F. 1079
Campbell, M. *see* Beker, H. 7152
Campbell, M. *see* Dierickxx, B. 24001
Campbell, M. *see* Thompson, C. 39626
Campbell, M.L., Toborg, S.T. 3-D wafer scale architectures for neural network computing 18934
Campbell, N. Automatic detection of prosodic boundaries in speech 29511
Campbell, N., Penberth, M. Simulation and SPICE for component modelling effects 10551
Campbell, N., Sagisaka, Y. Automatic annotation of speech corpora 13004
Campbell, N.A. *see* Dunne, R.A. 4674
Campbell, P., Wenham, S.R., Green, M.A. Light trapping and reflection control in solar cells using tilted crystallographic surface textures 17387
Campbell, P.M., Snow, E.S., McMarr, P.J. Fabrication of nanometer-scale conducting silicon wires with a scanning tunneling microscope 42726
Campbell, P.M. *see* Snow, E.S. 18235
Campbell, P.M. *see* Snow, E.S. 42402
Campbell, R., Baker, E.L., Fuchs, B.E. Computational design of shaped charge jet attack experimentation 24401
Campbell, R. *see* Baker, E.L. 24400
Campbell, R.D. *see* Feiock, F.D. 28903
Campbell, R.D. *see* White, F.H. 28904
Campbell, R.L. *see* Cowan, R.G. 46728
Campbell, R.N. *see* Beverly, R.E., III 32942
Campbell, R.W.F. *see* Clayton, R.H. 15879
Campbell, S. *see* Gu, C. 20461
Campbell, S. *see* Livesay, W.R. 11002
Campbell, S. *see* Shaomin Zhou 43577
Campbell, S. *see* Wu, W. 3266
Campbell, S. *see* Yeh, P. 11786
Campbell, S. *see* Zhou, S. 11781
Campbell, S. *see* Zhou, S. 28556
Campbell, S.A. *see* Shang, L. 34766
Campbell, T. *see* Jasiobedzki, P. 31295
Campbell, T.G., Grundstrom, M., Neuvo, Y., Nieweglowski, J. Channel coding scheme for all-digital HDTV with graceful degradation 38279
Campbell, T.G. *see* Nieweglowski, J. 4936
Campbell, W.B. *see* Motter, J.W. 32756
Campello de Souza, F.M. *see* de Almeida, A.T. 17787
Campesato, R., Flores, C., Mirandola, P., Veroni, F. GaAs Hall sensors suitable for domestic energy meter application 6435
Campestrini, L., Lagostena, L., Sani, G., Bellon, A., Manara, R., Nazarri, E. Flicker control in high power arc furnaces and cumulative flicker analysis in HV networks 25939
Campet, G., Han, S.D., Wen, S.J., Shastry, M.C.R., Chaminade, B., Marquestaut, E., Portier, J., Dordor, P. Correlations between the thermoelectric power and Hall effect of Sn or Ge doped In_2O_3 semiconductors 27489
Campet, G. *see* Demars, A. 14457
Campet, G. *see* Wen, S.J. 1857
Campet, G. *see* Wen, S.J. 1858
Campi, D., Cacciatore, C., Coriasso, C., Rigo, C., Neitzert, H.-C. Demonstration of low-power nonlinearity in InGaAs/InP multiple quantum well waveguides 35454
Campi, D., Cacciatore, C., Coriasso, C., Rigo, C., Schiavini, G., Stano, A. Optical switches based on quantum-confined structures 23056
Campi, D., Cacciatore, C., Neitzert, H.-C., Coriasso, C., Rigo, C., Stano, A. Polarisation-independent InGaAsP/InGaAsP MQW waveguide electroabsorption modulator 35494
Campidelli, Y. *see* Sagnes, I. 15028
Campillo, A.J. *see* Justus, B.L. 3875
Campillo R., M.T. *see* Ramos N., G. 32452

Campisano, S.U. *see* Lombardo, S. 1831
Campisano, S.U. *see* Lombardo, S. 19538
Campisi, D., Tesauro, C., Vulterini, A. The development of the new telecommunication technologies in Europe 45385
Campisi, I.E., Finger, K.E., Summers, L.K., Johnson, A.M. Higher-Order-Mode damping and microwave absorption at 2 K 15493
Campisi, I.E. *see* Ananda, A. 15467
Camplin, D.A. *see* Eckersall, K.R. 10354
Campo, E., Pedroviejo, J.J., Scheid, E., Bielle-Daspet, D., Yahia Messaoud, A., Sarrabayrouse, G., Martinez, A. Poly-Si thin film transistors fabricated with rapid thermal processing 2547
Campo, I.del *see* del Campo, I.
Campolargo, M. In search of service engineering—The RACE experience 14268
Campolargo, M. Service engineering in RACE and its relation to ODP 37515
Camporeale, C., Uliana, M. A technique for estimation of surface roughness [of underwater structures and seabottom] 16005
Camporeale, C. *see* Andreucci, F. 24514
Camporese, D.S. *see* Day, S.P. 4642
Camporesi, T. *see* Adye, T. 38896
Camporesi, T. *see* Benvenuti, A. 7252
Campos, J., Ahouzi, E., Yzuel, M.J. Edge extraction preprocessing in pattern recognition 13516
Campos, J., Janowska-Dmoch, B., Styczynski, K., Chalasinska-Macukow, K., Turon, F., Yzuel, M.J. Computer-generated binary phase-only filters with enhanced light efficiency recorded in silver halide sensitized gelatin 12413
Campos, J., Styczynski, K., Yzuel, M.J., Chalasinska-Macukow, K. Recognition of partially occluded objects by correlation methods 36943
Campos, J., Turon, F., Yaroslavsky, L.P., Yzuel, M.J. Some filters for reliable recognition and localization of objects by optical correlators: a comparison 13531
Campos, J. *see* Ahouzi, E. 29896
Campos, J. *see* Corredera, P. 11617
Campos, J. *see* Corredera, P. 11619
Campos, J. *see* Escalera, J.C. 35547
Campos, J. *see* Fernandez, A.M. 34546
Campos, J. *see* Gomez, P.J. 11618
Campos, J. *see* Sebastian, P.J. 34557
Campos, J.S.C., Giacometti, J.A., Oliveira, O.N., Jr. Electrical characteristics of point to plate corona systems with a biased cylinder 35132
Campos, P.Fernandes *see* Fernandes Campos, P.
Campos Barros, J.G., Arrillaga, J., Bowles, J.P., Ingram, L., Kanngiesser, K.W. Direct connection of generators to HVDC converters: main characteristics and comparative advantages 25523
Campos Barros, J.G. *see* Reis, L.B. 47484
Camposano, R. *see* Vierhaus, H.T. 2656
Campovecchio, M. *see* Teyssier, J.P. 27218
Camps, J. *see* De Moor, P. 24029
Camps, O.I., Christoffel, D.W., Pathak, A. Probabilistic view clustering in object recognition 45173
Camsey, G.T.B. The energy scene in the United Kingdom 47371
Camurati, P. *see* Cabodi, G. 1161
Canali, C. *see* Bacchetta, N. 38865
Canali, C. *see* Bacchetta, N. 46842
Canali, C. *see* Neviani, A. 11255
Canali, C. *see* Tedesco, C. 2571
Canali, C. *see* Tedesco, C. 35602
Canali, C. *see* Verzellesi, G. 34918
Canarelli, P. *see* Nemkovich, N.A. 20606
Canaris, J. *see* Cameron, K. 18784
Canavero, F. *see* Maio, I. 26664
Canavero, F. *see* Maio, I. 44481
Canay, I.M. Advance calculation of the characteristic quantities of synchronous machines and comparison with measured values 25413
Cance, M., Pineira, T., Gaudiau, J., Cagnat, X., Delaplace, Y. Analysis station for accountancy of nuclear waste at the Nuclear Research Center of Fontenay-aux-Roses 38406
Cancellieri, G., Chiaraluce, F. Recent progress in fibre optics 35387
Cancellieri, G., Chiaraluce, F., Guidotti, G. Analysis of concatenated Reed-Solomon encoding schemes with full and partial interleaving for short data messages 45772
Cances, J.-P., Maral, G., Coulomb, B., Lenormand, R. Adaptive multibeam satellite payload by means of coverage reconfiguration 22918
Cancian, S. *see* Fantoni, D. 39950
Cancio, A.B. *see* Gallego, J.D. 34235
Canclini, A. *see* Bonati, B. 2521
Cand, M., Conq, B., Soler, M. COTS: compilation for speech processing ICs 1243
Candelaria, J., Hulsweh, T., Papworth, K., Pegler, P., Pryor, R., Sakamoto, K., Sundaram, S., de la Torre, V., Tracht, N., Zdebel, P. MOSAIC 5SE: a 6 fJ high-performance bipolar technology 2648
Candeo, S., Santella, G., Casiraghi, U., Deponti, E. Angle and space diversity experiment on the Mozzecane-Vimercate hop 45778
Cander, L.R. *see* Samardjiev, T. 4096
Candet, E. *see* Mateescu, I. 20096
Candev, N. *see* Loveland, D.G. 40649
Candocia, F. *see* Adjouadi, M. 13706
Candries, K. European installation bus: product development and new products 14196
Candusso, M. *see* Bocciolini, M. 24082
Candy, J.V., Sullivan, E.J. Sound velocity profile estimation: a system theoretic approach 4666
Candy, J.V., Sullivan, E.J. Model-based processor design for a shallow water ocean acoustic experiment 44957
Cane, C., Lozano, M., Cabruja, E., Esteve, J., Gracia, I., Serra, F., Fonseca, L. Comparison of extrinsic gettering techniques for CMOS technologies 2007
Cane, C. *see* Gracia, I. 6475
Caneau, C., Bhat, R., Chang, C.C., Kash, K., Koza, M.A. Selective organometallic vapor phase epitaxy of Ga and In compounds: a comparison of TMIn and TEGa versus TMIn and TMGa 703
Caneau, C. *see* Agarwala, S. 27742
Caneau, C. *see* Chang-Hasnain, C.J. 3619
Caneau, C. *see* Chough, K.B. 19909
Caneau, C. *see* Chough, K.B. 28188
Caneau, C. *see* Chough, K.B. 42996
Caneau, C. *see* Chough, K.B. 43001
Caneau, C. *see* Jong-In Song 42188
Caneau, C. *see* Jong-Wook Seo 46445
Caneau, C. *see* Martin, J.M. 2019
Caneau, C. *see* Poguntke, K.R. 46014
Caneau, C. *see* Schnitzer, I. 11862
Caneau, C. *see* Schnitzer, I. 20563
Caneau, C. *see* Song, J.-I. 2462
Caneau, C. *see* Vail, E.C. 12094
Caneau, C. *see* Wu, Y.A. 28815
Canelhas, A. *see* Asplund, G. 47494
Canelhas, A. *see* Nielsen, T.G. 47489
Canella, S. *see* Fortuna, G. 6906
Canepa, G. *see* Bicchi, A. 46403
Canepa, G. *see* De Rossi, D. 14975
Canesi, A., Marini, D., Perricone, G. Videorealistic methods for interior light design 33140
Canestrari, P. *see* Rivera, G. 2369
Canet, P. *see* Jonsson, J. 43191
Caney, G. New industrial cabling methods can cut costs 47547
Canfield, L.R. *see* Korde, R. 35585
Canfield, T.R. *see* Tentner, A.M. 25184
Cangellaris, A.C., Gribbons, M., Sohos, G. A hybrid spectral/FDTD method for the electromagnetic analysis of guided waves in periodic structures 21327
Cangellaris, A.C. *see* Gribbons, M. 17916
Cangellaris, A.C. *see* Senthinathan, R. 17896
Cangellaris, A.C. *see* Senthinathan, R. 17915
Cangellaris, A.C. *see* van Deventer, T.E. 33407
Cangellaris, A.C. *see* Wright, D.B. 44305
Cangellaris, A.C. *see* Yui-Sheng Tsuei 40937
Canglioli, G. *see* Lapucci, A. 43716
Cangsang Zhao *see* Zhao Cangsang
Canham, L. Progress toward crystalline-silicon-based light-emitting diodes 3363
Canham, L.T., Cullis, A.G., Pickering, C., Dosser, O.D., Cox, T.I., Lynch, T.P. Luminescent anodized silicon aerocrystal network prepared by supercritical drying 41399
Canham, L.T. *see* Cullis, A.G. 19568
Canham, L.T. *see* Fauchet, P.M. *(editor)* 17665
Canham, L.T. *see* Iyer, S.S. *(editor)* 44
Canhui Cai, Regtien, P.P.L. Accurate digital time-of-flight measurement using self-interference 23891
Canic, S. *see* Zdenkovic, J. 17461
Caniggia, S. *see* Costa, V. 34341
Canio, A. The OFDM technique applied to terrestrial broadcasting of digital television 23269
Canize, A. *see* Lynch, T.J. 11018
Cannavale, G., Passaglia, R., Pigini, A., Vercellotti, U. Behaviour in fire of dry transformers with particular reference to their environmental impact 25510
Cannell, C. *see* Tong, K. 25291
Cannell, G. *see* Hood, K.J. 6052
Cannelli, G.B., Santoboni, S. New technique and circuitry for sound fluctuation rating 31530
Canning, J., Sceats, M.G. Characterization of Ge-DID defects in UV-processed germanosilicate preforms 35389
Cannistra, G., Cannistra, G., Sylos Labini, M. Thermal analysis of the distribution transformers by thermal network method and finite element method 40295
Cannistra, G., Dattoma, V., Sylos Labini, M. Analysis of thermal and mechanical stresses in the stator of a direct-current motor by the finite element method 8444
Cannistra, G., Negro, G., Sylos Labini, M. Automatic generation of grids to solve heating problems in the electrical machines by finite element method 40115
Cannistra, G. *see* Cannistra, G. 40295
Cannon, J. *see* Nickel, J.R. 7763
Cannon, J.R. *see* Seamster, T.L. 7571
Cannon, M. *see* Wilder, P. 204
Cannon, M.E. *see* Lachapelle, G. 7577
Cannon, M.E. *see* Lachapelle, G. 30935
Cannon, M.W. *see* Schwarz, K.P. 39369
Cannon, S.R., Widman, L.E. An equal compression-ratio comparison of beat-to-beat and SAPA2 compression techniques 24314
Cannon, T.W., Hulstrom, R.L. Atmospheric optical calibration system for outdoor testing of photovoltaic devices 25698
Canny, J., Emiris, I. An efficient algorithm for the sparse mixed resultant 9458
Cano, G. *see* Medina, F. 29256
Canova, A. *see* Boglietti, A. 40219
Canovai, C. *see* Tsai, J.Y. 42615
Cantalini, C., Faccio, M., Ferri, G., Pelino, M. Microstructure and electrical properties of Si-doped α-Fe_2O_3 humidity sensor 6407
Cantao Zhuang, Su Xu, Weixue Zhang, Zhaoyong Xu, Shirong Mei Recording of waveforms and localization of acoustic emission events produced in rock samples 15973
Cantarella, G. *see* Bellato, G. 25560
Cantatore, E., Iseni, G., Pignatel, G.U. Good quality silica optical waveguides formed by low temperature oxidation chemical vapor deposition technique 11630
Cantatore, G. *see* Bocciolini, M. 24082
Canteri, R. *see* Solmi, S. 10854
Cantile, M., Sorba, L., Yildirim, S., Faraci, P., Biasiol, G., Franciosi, A., Miller, T.J., Nathan, M.I. Silicon-induced local interface dipole in Al/GaAs(001) Schottky diodes 34893
Canto-Said, E.J., Simon, P., Jordan, C., Marowsky, G. Surface second-harmonic generation in Si(111) for autocorrelation measurements of 248-nm femtosecond pulses 12388
Canto-Said, E.J. *see* Marowsky, G. 28996
Cantone, M.C., de Bartolo, D., Gambarini, G., Giussani, A., Molho, N., Pirola, L. Irradiation chamber for the simultaneous nuclear activation of several targets 31534
Cantoni, A. *see* Mercankosk, G. 5167
Cantoni, A. *see* Mercankosk, G. 22514
Cantoni, A. *see* Teo, K.L. 45003
Cantoni, P. *see* Alietti, M. 31671
Cantou, C. Broadband: carrier core strategies: developments in ATM for the access network 45699
Cantrell, S.W. *see* Blackman, S.S. 29852
Cantu, S. *see* Bezzi, G. 33842
Cantu, S. *see* Bezzi, G. 41875
Canudas, C. *see* Ortega, R. 32863
Canut, B. *see* Ould Salem, S. 35429
Canyon, J. *see* Sharma, A.K. 1649
Cao, H.C., Graef, M.D., Evans, A.G. Structure and properties at the ferroelectric/electrode interface between lead zirconate titanate and copper 28304
Cao, H.L. *see* Yan, S.L. 38476
Cao, H.T. *see* Chu, T.-A. 954
Cao, R., Quintela-del-Rio, A., Vilar-Frenandez, J.M. Bandwidth selection on nonparametric density estimation under dependence: a simulation study 9375
Cao, R. *see* Yang, X. 18160
Cao, W. *see* Guo, N. 21640
Cao, X.D., Meyerhofer, D.D. Soliton collisions in optical birefringent fibers 43383
Cao, X.D. *see* McKinstrie, C.J. 3763
Cao, X.F. *see* Fujiwara, T. 20376
Cao, X.N. *see* Li, H.C. 35261
Cao, Y., Levin, D.N. Feature-guided acquisition and reconstruction of MR images 39023
Cao, Y. *see* Farag, A.A. 22175
Cao, Y.L. *see* Liu, L.J. 5077
Cao, Z., Tsui, B.M.W. An analytical reconstruction algorithm for multifocal converging-beam SPECT 39019
Cao, Z. *see* Guo, J.-E. 38045
Cao, Z. *see* Yao, Y. 5716
Cao, Z.J., Tsui, B.M.W. Improved image quality for asymmetric double-focal cone-beam SPECT 15749
Cao Bisong *see* Bisong Cao
Cao Chengwei Simulation of thickness mode piezoelectric transducers based on the theory of digital network 7658
Cao Chuan-Bao *see* Chuan-Bao Cao
Cao Danbua, Li Zhaiguang, Ruan Yu Analysis of instantaneous temperature distribution in magneto-optical films at different ambient temperatures 20143
Cao De-Xin *see* De-Xin Cao
Cao En *see* En Cao
Cao Gendi *see* Zhu Xiaochun 20773
Cao Guochen, Jiao Zhenyou A new method of solving simultaneous faults involving open conductors and short circuits on a line 16116
Cao Guochen, Ren Xianwen Fast calculation of open-conductor faults on transmission line with zero-sequence mutual coupling in power systems with variable structures and parameters 32416
Cao Guochen *see* Guochen Cao
Cao Jian-Qin *see* Jian-Qin Cao
Cao Jiang *see* Ding Wei'an 1421
Cao Jianqing, Qin Mingwan, He Ming A development process for engineering project management information systems based on semantic data models 33321
Cao Jie *see* Ma Chunsheng 20325
Cao Lei *see* Lei Cao
Cao Li *see* Li Cao
Cao Li-Qun, Zhu Qi-Ding Self-adaptive treatment for FEM singular boundary value problems 623
Cao Li-Qun, Zhu Qi-Ding The hierarchical fast finite element method with high accuracy 18106

Cao Mang, Li Da-Cheng, Wu Yong-Jun Laser diode FMCW technique applied to absolute distance measurement 31466
Cao Mang *see* Wu Yongjun 29071
Cao Mang *see* Zhao Yang 43297
Cao Mao-Sheng, Yuan Feng, Jiang Shou-Xun, Qin Shi-Ming Fast processing technique of the images in phase shifting holographic interferometry 29025
Cao Mao-Sheng *see* Yuan Feng 31156
Cao Mingcui *see* Mingcui Cao
Cao Quanxi, Yu Daren, Liu Zhuo An optimal control method for fast turbine valving using maximum principle 16488
Cao Rong-Jiang *see* Rong-Jiang Cao
Cao Sansong, Wuthrich, C., Gamiere, J.-D., Reinhart, F.K. Single-quantum-well GaAs/AlGaAs lasers 12102
Cao Shu-Wen, Yao Wen-Ming, Xie Tie-Bang Computer-aided evaluation of spiral surface profile errors 31099
Cao Shu-Wen *see* Yao Wen-Ming 31450
Cao Wei, Xia Yiwei Modified moment method approach to electromagnetic problems 21153
Cao Wei, Xia Yiwei Modified moment method approach to EM problems 36346
Cao Wei-lou *see* Wei-lou Cao
Cao Wensu *see* Jiang Yinzhong 41007
Cao Xiangqun *see* Shen Song 29874
Cao Xiaoneng *see* Chen Juxin 38501
Cao Xiolan *see* Xiolan Cao
Cao Yijia, Cheng Shijie, Chen Deshu An improved Lure Lyapunov function and its applications in power system stability analysis 16141
Cao Yu Long *see* Yu Long Cao
Cao Ze-Chun *see* Ze-Chun Cao
Cao Zhigang, Zheng Wentao, Liu Zhiyong Noisy speech enhancement algorithm based on MMSE estimation and real-time realization 21642
Cao Zhigang *see* Ju Hongbin 4411
Cao Zhitong, Ma Lei Research on the relation of energy efficiency to parameters of permanent magnet synchronous motors 47845
CaoHuu, T., Lee, J. Effective 2-D convolution and 2-D FFT on mesh-connected TMS320C40 architecture 26979
Caorsi, S., Gragnani, G.L., Pastorino, M. A new approach to electromagnetic imaging of strong scatterers in the spatial domain 4086
Caorsi, S., Gragnani, G.L., Pastorino, M., Pinto, G.A. Space-domain simultaneous reconstruction of scattering potential and total electric field for dielectric objects 22289
Caorsi, S., Moreno, D., Sidoti, F. Theoretical and numerical treatment of surface integrals involving the free-space Green's function 29149
Caorsi, S. *see* Bregni, S. 47061
Cap, N.L. *see* Torroba, P.L. 45139
Capalini, R. *see* Schejbal, V. 30865
Capano, M.A. *see* Eyink, K.G. 33603
Capasso, F. Atomically abrupt semiconductor heterointerfaces: their role in advanced electronic and photonic devices and quantum phenomena 27555
Capasso, F., Cho, A.Y. Bandgap engineering of semiconductor heterostructures by molecular beam epitaxy: physics and applications 26461
Capasso, F. *see* Faist, J. 20554
Capasso, F. *see* Scandolo, S. 36010
Capasso, F. *see* Sirtori, C. 19358
Capasso, F. *see* Sirtori, C. 36007
Capasso, F. *see* Sirtori, C. 42515
Capdevila, J.M. *see* Gal, O. 7059
Capeans, M., Garabatos, C., Heuer, R.D., Mackenzie, R., Meyer, T.C., Sauli, F., Silander, K., Bondarenko, V.G., Grigoriev, V.A., Markina, J.S., Kruglov, A.A. Aging properties of straw proportional tubes with a Xe-CO_2-CF_4 gas mixture 24060
Capellaro, C. SAMSON—managing distributed security services 37289
Capelle, A.R.Van de *see* Van de Capelle, A.R.
Capelle, A.van de *see* van de Capelle, A.
Capelle, B., Detaint, J., Schwartzel, J., Zheng, Y., Zarka, A. Lateral field excitation and coupled modes in AT quartz: synchrotron radiation X-ray topography 20095
Capelle, B. *see* Detaint, J. 20066
Capelletti, R. *see* Laidani, N. 10810
Capellmann, C., Dibold, H. Petri net based specifications of services in an intelligent network—experiences gained from a test case application 22676
Capewell, P. *see* Foster, G.T. 22886
Capezzuto, P. *see* Cicala, G. 9791
Capineri, L., Masotti, L., Rinieri, M., Rocchi, S. Ultrasonic transducers as a black-box: equivalent circuit synthesis and matching network design 24547
Capitanio, L., Filligoi, G.C. Comparison of three cluster distances in a supervised recognition system for campimetric diagnosis 24264
Capitanio, L., Filligoi, G.C., Liberati, D., Cerutti, S., Babiloni, F., Fattorini, L., Urbano, A. ARX filtering of single-sweep movement-related brain macropotentials in mono- and multi-channel recordings 39065
Capitelli, M. *see* Colonna, G. 11987
Capitelli, M. *see* Longo, S. 20632
Capizzi, M. *see* Bareikis, V. 19338
Caplan, M. *see* Tulupov, A.V. 43700
Caplan, M. *see* Urbanus, W.H. 3408
Capmany, J., Cascon, J. Direct form I fiber-optic discrete-time signal processors using optical amplifiers and embedded Mach-Zehnder structures 3264
Capmany, J., Cascon, J. Discrete time fiber-optic signal processors using optical amplifiers 38067
Capmany, J. *see* Esteve, M. 14219
Capmany, J. *see* Marti, J. 14626
Capobianco, A.D. *see* Aceves, A.B. 36305
Capobianco, M.R. *see* Casacca, M.A. 32796
Capodieci, P., Martinino, F., Melani, M., Michelangeli, O., Salvatori, E., Cacopardi, S., Reali, G. Use of 20/30 GHz frequencies for broadband satellite communication systems 37901
Capodieci, P. *see* Barbieri, A. 22946
Capodiferro, L. *see* De Lameillieure, J. 14803
Capogni, M. *see* D'Angelo, A. 6943
Capon, J., De Baets, J., De Cubber, A.M., De Smet, H., Van Calster, A., Vanfleteren, J. Analysis of transient photoconductivity in CdSe:Cu:Cl thin films 43616
Capon, J., De Baets, J., De Rycke, I., De Smet, H., Doutreloigne, J., Van Calster, A., Vanfleteren, J. A lensless contact-type image sensor based on a CdSe photoconductive array 15073
Capon, J. *see* De Baets, J. 27768
Capon, J. *see* De Baets, J. 31371
Capon, J. *see* De Smet, H. 31359
Capone, A. *see* Buontempo, S. 31696
Caponio, N., Svelto, C. Accurate alignment of a polarisation-maintaining-fibre by temperature modulation 20327
Caponio, N. *see* Hill, G.R. 6051
Caponio, N. *see* Zhou, J. 38114
Caponio, N. *see* Zhou, J. 46004
Caporaso, G.J. *see* Sampayan, S.E. 34469
Caporaso, G.J. *see* Yu, S.S. 15339
Capote, M.A. *see* Todd, M. 42302
Cappa, P., Del Prete, Z., McConnell, K.G., Zachary, L. Zero-shift evaluation of automatic strain-gage systems based on direct and reverse current method 31162
Cappa, P., McConnell, K., Zachary, L. A temperature calibration of a temperature/strain transducer based on two strain gauges 23924
Cappel, J.J. Closing the e-mail privacy gap 14092
Cappellieri, D. *see* Balbo, N. 16148
Cappellini, V., Mecocci, A., Del Bimbo, A. Motion analysis and representation in computer vision 45087
Cappellini, V. *see* Barni, M. 22010
Cappellini, V. *see* Galli, I. 36935
Cappellini, V. *see* Mecocci, A. 30140
Cappio Borlino, M. *see* Attardo, F. 44436
Cappo, F.F., Milliken, J.C. Solving I/O density problems: using MLC packages 33358
Capponi, G., Livreri, P. HEMT tradeoffs minimize LNA design time 18507
Capponi, M. *see* Bertin, A. 31795
Capps, C.D., Falk, R.A., Adams, J.C. Time-dependent model of an optically triggered GaAs switch 19185
Capps, C.D., Falk, R.A., Adams, J.C. Time dependent model of optically activated GaAs switch 28633
Capps, C.D. *see* Adams, J.C. 28620
Cappy, A. *see* Dambrine, G. 27253
Cappy, A. *see* Danneville, F. 1596
Cappy, A. *see* Happy, H. 11240
Cappy, A. *see* Kruck, J.F. 27219
Capra, M., Di Bartolomeo, M. ENEA R&D program on Italian MHD power plants 25300
Capra, M. *see* Fassina, P. 25800
Capraro, G. *see* Baldygo, W. 23204
Caprino, G. *see* Borio, R. 47040
Capron, B.A., Beranek, M.W., Huggins, R.W., Koshinz, D.G. Design and performance of a multiple element slab waveguide spectrograph for multimode fiber-optic WDM systems 45945
Capron, B.A. *see* Beranek, M.W. 23683
Capsalis, C.N., Chronopoulos, C.P., Tigelis, J.G., Uzunoglu, N.K. Analysis of multi-pin modular daughterboard-to-backplane connectors at high bit rate signals 1750
Capsalis, C.N. *see* Kaklamani, D.I. 21404
Capsalis, C.N. *see* Polydorou, D.S. 45757
Capson, D.W. *see* Xu, S. 23466
Capstick, M.H. Narrow band microstrip diplex filters for MM-wave applications 1303
Capstick, M.H. *see* O'Reilly, J.J. 14618
Capstick, M.H. *see* O'Reilly, J.J. 23036
Capsuto, E. *see* Arugu, D.O. 2330
Capua, E.Di *see* Di Capua, E.
Capuano, F., Casalbore-Miceli, G., Giro, G., Scrosati, B. Mechanism of the solid state battery: magnesium/poly(thionaphtheneindole/gold) 32988
Capuano, G.A. *see* Tamizhmani, G. 48108
Capuano, M., Misale, P., Davidson, D. Case study: patient-coupled device interaction produces arrhythmia-like artifact on electrocardiographs 47085
Caputo, D., De Cesare, G., Irrera, F., Masini, G., Palma, F., Rossi, M.C., Conte, G., Nobile, G., Terzini, E. On the role of the Staebler-Wronski susceptibility in hydrogenated amorphous silicon 28596
Caputo, D. *see* Conte, G. 42444
Caputo, D. *see* Masini, G. 28653
Carabe, J., Gandia, J.J., Gutierrez, M.T. PECVD deposition of device-quality intrinsic amorphous silicon at high growth rate 9707
Carabok, M.J. The minimisation of disturbances on the electricity supply network when controlling industrial, resistive loads 7868
Carabules, A., Bardan, G. Inferential hardware-software configurations for experts systems applicable to power engineering 32379
Caracci, S.J., Krames, M.R., Holonyak, N., Jr., Herzinger, C.M., Crook, A.C., DeTemple, T.A., Besse, P.-A. Native-oxide-defined low-loss AlGaAs-GaAs planar waveguide bends 3399
Caracci, S.J., Krames, M.R., Holonyak, N., Jr, Ludowise, M.J., Fischer-Colbrie, A. Long wavelength ($\lambda \sim 1.5$ μm) native-oxide-defined InAlAs-InP-InGaAsP quantum well heterostructure laser diodes 35843
Caracci, S.J., Krames, M.R., Ries, M.J., Holonyak, N., Jr. Planar single-facet teardrop-shaped $Al_xGa_{1-x}As$-GaAs quantum well heterostructure laser 3631
Caragea, D. *see* Voicu, A. 32854
Caraiscos, C.G. *see* Pekmestzi, K.Z. 41802
Carangelo, M.D. *see* Markham, J.R. 6680
Carangelo, R.M. *see* Markham, J.R. 6680
Caranto, N.R.Y. *see* Kaddu, S.C. 38544
Caratti, M. PowerPC, the enemy of Pentium 18797
Caravita, S., Ligorio, M.B., Palomba, F. 'SCAMBI' (exchanges) for communication, production, and reflection. Telematics in schools 30303
Caraway, E.L. *see* Sanders, T.J. 375
Carayannis, G. *see* Glaros, N. 21768
Carbajal, B.G., III, Cline, R.A., Andresen, B.H. A successful HMB ESD protection circuit for micron and sub-micron level CMOS 28278
Carbajo, J.J. MELCOR code analysis of a severe accident LOCA at Peach Bottom plant 32543
Carbajo, J.J., Greene, S.R. Containment failure time and mode for a low-pressure short-term station blackout in a BWR-4 with Mark-I containment 32595
Carbo, R. *see* Cobo, P. 23229
Carbonara, G. *see* De Nicola, S. 38729
Carbonara, I. *see* Cicinelli, E. 47094
Carbonara, J. *see* Cho, S.M. 16636
Carbonara, M.R. *see* Fowler, J.E., Jr. 22042
Carbonari, A.W., Pendl, W., Jr., Sebastiao, J.R., Saxena, R.N., Dias, M.S. An irradiation rig for neutron transmutation doping of silicon in the IEA-R1 research reactor 10806
Carbone, A., Mazzetti, P. Dependence of photoconduction noise on temperature: a check of barrier-type theory of photoconductivity in CdS based devices 10673
Carbone, E.J. *see* Musits, B.L. 31984
Carbone, J. *see* VanGorden, S. 6575
Carbonelli, M. *see* Brugia, O. 18529
Carboni, N. *see* Brown, M. 37859
Carbonini, L. Transmission-line device delivers EMC measurements 21267
Carcano, G., Ceriani, M., Soglio, F. Spin coating with high viscosity photoresist on square substrates—applications in the thin film hybrid microwave integrated circuit field 10497
Carceller, J.E. *see* Banqueri, J. 1953
Carcenac, F. *see* Chen, Y. 28031
Carcenac, F. *see* Haghiri-Gosnet, A.M. 28214
Carchedi, F. Typhoon gas turbine and market acceptance 39997
Carciofi, C. *see* Frullone, M. 22896
Carciofi, C. *see* Frullone, M. 45869
Carcone, J.A. Higher performance batteries sparks interest in Ni-MH technology 32999
Cardama, A. *see* Broquetas, A. 7360
Cardama, A. *see* Rius, J.M. 30871
Cardama, A. *see* Vaquer, M. 30627
Cardarelli, R. *see* Abbrescia, M. 7270
Cardarelli, R. *see* Antonelli, A. 24054
Cardarelli, R. *see* Bencze, G.L. 38858
Cardarelli, R. *see* Ferrer, M.L. 46984
Cardarelli, R. *see* Mirabelli, G. 14578
Cardarilli, G.C., Lojacono, R., Salerno, M., Sargeni, F. VLSI RNS implementation of fast IIR filters 18879
Cardella, G. *see* Campajola, L. 46877
Cardella, M. *see* Jain, P. 41648
Cardelli, E., Gimignani, M., Raugi, M. Integral equation approach for the analysis of three-dimensional transient electromagnetic heating effects 44244
Cardelli, E. *see* Azzerboni, B. 44242
Carden, F. A telemetering educational graduate program: the aerospace applications test and evaluation dimension 40841
Cardenas, L. *see* Zu Qinxin 12020
Cardini, A. *see* Autiero, D. 15630
Cardoletti, L. *see* Favre, E. 47850
Cardon, F. *see* Depast, M. 28079
Cardon, F. *see* Poelman, D. 3346
Cardona, A.H. *see* Fenzi, N.O. 1577
Cardona, A.H. *see* Fetterman, H.R. 27247
Cardona, M., Satake, T., Tsujii, S. Throughput analysis of pipelined protocol processors 13907
Cardona, M. *see* Brandt, M.S. 3367
Cardone, D.A. Keep-in-touch—equipment investment unnecessary [voice-mail service] 5410

Cardone, F. *see* Harmon, E.S. 19787
Cardone, F. *see* Kavanagh, K.L. 1907
Cardoso, A.J.M., Saraiva, E.S. Computer-aided detection of airgap eccentricity in operating three-phase induction motors by Park's vector approach 32855
Cardoso, J.-F. Iterative techniques for blind source separation using only fourth-order cumulants 13419
Cardoso, J.F., Souloumiac, A. An efficient technique for the blind separation of complex sources 4734
Cardoso, J.F., Souloumiac, A. Blind beamforming for non-Gaussian signals 21792
Cardot, F. *see* Gobet, J. 26466
Cardu, M. *see* Lemnean, N. 17410
Cardullo, M.W. Total life-cycle cost analysis of conventional and alternative fueled vehicles 25893
Cardwell, K., Giorgi, D., McIntyre, I., Solone, P., Stuurman, K., Zucker, O.S.F. Progress in UWB generation with linear silicon switches [for UWB radar] 30904
Cardwell, K. *see* Zucker, O. 28504
Cardwell, R.H. *see* Wasem, O.J. 37174
Care, C.M. *see* Walke, P.J. 27396
Care, I. *see* Squillace, M. 25814
Carecchio, P. *see* Adam, W. 31715
Carecchio, P. *see* Adam, W. 46929
Carechio, P. *see* Adam, W. 7259
Carelli, P., Castellano, M.G., Chiaventi, L., Leoni, R., Cirillo, M., Modena, I. A thin-film second-order gradiometer with integrated DC-SQUID 11543
Carelli, P. *see* Berger, C. 20186
Carelli, P. *see* Leoni, R. 24048
Careme, F., Garcia, F., Haag, D., Lederer, P., Moisan, F. Foundations and framework of economic coherence for demand control actions 32255
Carenco, A. *see* Bruno, A. 11884
Carenco, A. *see* Devaux, F. 35619
Carenco, A. *see* Devaux, F. 43523
Carenco, A. *see* Ghirardi, F. 20371
Caress, R.W. *see* MacArthur, D.W. 24002
Carette, Y.M. VEGA combined cycle plants based on MS 9001 FA gas turbines 40018
Carey, C.D., Selviah, D.R., Midwinter, J.E., Song, S.H., Lee, E.H. Four-foci slanted axis Fresnel lens for planar optical perfect shuffle 28670
Carey, C.D. *see* Godwin, D.P. 11902
Carey, C.D. *see* Godwin, D.P. 12477
Carey, G.F. *see* Pehlivanov, A.I. 9483
Carey, J. *see* Balsley, B.B. 29178
Carey, M.B. *see* Scarff, P.L. 20119
Carey, M.J., Anderson, A.J. ASICs for DSP 41960
Carey, M.T. *see* Jaeger, R.C. 46400
Carey, P.G. *see* Kramer, K.-J. 1882
Carey, R., Miller, J., Sulak, L., Worstell, B., Paar, H., Moore, B., Reidy, J., Kroeger, R. Preliminary beam test results for the GEM copper/scintillating fiber hadron calorimeter prototype 31749
Carey, R. *see* Young, K.G. 7242
Carey, T., Hassun, R., Koberstein, D. SATCOM simulator speeds MSS deployment and lower costs 39191
Carey, W.P. Silicon-based chemical sensors for process analytical chemistry: design and development of an integrated sensor array for multicomponent analysis 31164
Caricchi, F. New mercury-gap ring-collector system for double-armature generators 47849
Caricchi, F., Crescimbini, F., Napoli, A.D., Honorati, O., Santini, E. Testing of a new DC/DC converter topology for integrated wind-photovoltaic generating systems 16743
Carillon, A. *see* Zeitoun, P. 43709
Carim, A.H., Schwartz, D.S., Silberglitt, R.S. *(editors)* Joining and Adhesion of Advanced Inorganic Materials Symposium 17743
Carin, L. Transient scattering measurements using photoconductively switched planar antennas 44310
Carin, L., Agi, K., Kralj, D., Leung, K.M., Garetz, B.A. Characterization of layered dielectrics with short electromagnetic pulses 4267
Carin, L., Felsen, L.B., Kralj, D., Pillai, S.U., Lee, W.C. Dispersive modes in the time domain: analysis and time-frequency representation 36170
Carin, L., Kralij, D.R., Melloch, M.R., Woodall, J.M. Characterization of planar antennas fabricated on GaAs epilayers containing As clusters for picosecond short-pulse applications 4303
Carin, L., Slade, G.W., Webb, K.J., Oliner, A.A. Packaged printed transmission lines: modal phenomena and relation to leakage 4208
Carin, L. *see* Felsen, L.B. 12594
Carin, L. *see* Kralj, D. 6756
Carin, L. *see* Bertoni, H.L. *(editor)* 40761
Cariolaro, G.L., Corvaja, R., Franco, P., Midrio, M., Pierobon, G.L. Noise in optical amplifiers 43810
Carithers, W.C. *see* Amidei, D. 46890
Carithers, W.C. *see* Tkaczyk, S. 46989
Carius, R., Becker, F., Bruggemann, R., Finger, F., Beneking, C., Wagner, H. Transport and recombination in a-Si:H p-i-n diodes under forward bias conditions 42465
Carius, R., Becker, F., Wagner, H., Zettler, J.-Th. Electroluminescence and transport in a-Si:H p-i-n diodes at room temperature 27458
Carius, R. *see* Becker, F. 28092
Carius, R. *see* Radermacher, K. 27554
Carkner, D., Kitai, A., Young, R. Cesium coating of thin-film zinc sulphide cold cathodes 19282
Carl, H. Full-band harmonic-sieve pitch extractor for a harmonic coder 14308
Carle, P. *see* Abrahamsson, K. 15584
Carle, R.H. UPS applications: a mill perspective 9051
Carles, A.Grau *see* Grau Carles, A.
Carleson, P.D. *see* DeFreez, R.K. 20827
Carleson, P.D. *see* Zhuoyu Bao 35765
Carlet, C. Partially-bent functions 12929
Carlet, C. Two new classes of bent functions 29484
Carley, J.M. *see* White, K.P., Jr. 24324
Carley, L.R. *see* Bracken, K.C. 10370
Carley, L.R. *see* Dietz, P.H. 34158
Carley, L.R. *see* Mangelsdorf, C. 26155
Carley, L.R. *see* Mitra, S. 26608
Carli, C. *see* Mandrillon, P. 6909
Carli, T. *see* Dingus, P. 31700
Carlier, J. *see* Bauer, A. 4121
Carlier de Veslud, C.Le *see* Le Carlier de Veslud, C.
Carlile, C.J., Adams, M.A., Krishna, P.S.R., Prager, M., Shibata, K., Westerhuijs, P. Less background, better contrast by cooling analyser crystals 47001
Carlin, J.F., Dwir, B., Glick, M., Monnard, R., Rudra, A., Dupertuis, M.A., Reinhart, F.K. Chemical beam epitaxy and photoluminescence characteristics of InGaAsP/InP BRAQWET modulators 9649
Carlin, R. *see* Antonelli, A. 24054
Carlin, R. *see* Gasparini, F. 46980
Carlini, G. *see* Martinoia, S. 7427
Carlisle, C.B. *see* Cooper, D.E. 24220
Carlo, A.Di *see* Di Carlo, A.
Carlo, C.Del *see* Del Carlo, C.
Carlo, D.De *see* De Carlo, D.
Carlomusto, L., D'Ambrosio, A., Di Palo, C. An automatic system of control and intervention of electrical plant 32223
Carlone, C. *see* Khanna, S.M. 34513
Carlosena, A., Moschytz, G.S. Design of variable-gain current conveyors 33922
Carlosena, A., Porta, S., Moschytz, G.S. Current-mode realization of negative feedback SAB's 18854
Carlosena, A. *see* Moschytz, G.S. 42047
Carlosena, A. *see* Serrano, L. 10282
Carlsen, S. Generating fixed voltage and frequency from a generator driven with a variable speed, optimizes the power-extraction 16731
Carlsen, T. *see* Flatabo, N. 24605
Carlson, B. RF/microwave connector design for low intermodulation generation 27346
Carlson, B. New fiber distribution cable: bridges bandwidth to home 38036
Carlson, B.A., Clements, M.A. A projection-based likelihood measure for speech recognition in noise 36615
Carlson, B.D., Evans, E.D., Wilson, S.L. Search radar detection and track with the Hough transform. I. system concept 30895
Carlson, B.D., Evans, E.D., Wilson, S.L. Search radar detection and track with the Hough transform. II. detection statistics 30896
Carlson, B.D., Evans, E.D., Wilson, S.L. Search radar detection and track with the Hough transform. III. Detection performance with binary integration 36875
Carlson, B.S., Chen, C.Y.R. Dual independent layout generation of arbitrary circuit topologies 9908
Carlson, B.S., Chen, C.Y.R. Effects of transistor reordering on the performance of MOS digital circuits 10120
Carlson, C. *see* Langhorne, C. 47423
Carlson, D.R., McGarrah, R.V., Naumann, S.T., Shah, K.S. Voltage stability analysis as part of an interchange capability study 32348
Carlson, N.C. *see* Gross, J.H. 12639
Carlson, N.M., Johnson, J.A. Pulsed laser energy through fiberoptics for generation of ultrasound 20316
Carlson, N.W., Amantea, R. Scaling properties of active-grating amplified surface emitting lasers 43826
Carlson, N.W., Liew, S.K., Menna, R., Gardner, P., Andrews, J., Kirk, J., Butler, J.K., Triano, A., Reichert, W. Coherent, high-power operation of InGaAsP/InGaAs multiple-quantum well active grating-surface-emitting amplified lasers 20825
Carlson, N.W. *see* Abeles, J.H. 20863
Carlson, P., Francke, T., Weber, N., Suffert, M. A RICH counter for identifying antiprotons and light isotopes in the cosmic radiation 46906
Carlson, P. *see* Dell'Acqua, A. 7283
Carlson, P. *see* Dell'Acqua, A. 46998
Carlson, R.E., Natarajan, B.K. Sparse approximate multiquadric interpolation 33506
Carlson, R.T. Analog modulated satellite laser crosslinks at 300 and 650 Mbps 14569
Carlson, R.T. *see* Jaeger, J.L. 6044
Carlsson, B., Handel, P. A notch filter based on recursive least-squares modelling 44831
Carlsson, G.Alm *see* Alm Carlsson, G.
Carlsson, J.O. *see* Heszler, P. 9718
Carlsson, J.O. *see* Westberg, H. 10992
Carlsson, L. *see* Astrom, U. 47495
Carlsson, L.A. *see* Hunt, S. 320
Carlsson, M. *see* Rydqvist, B. 7334
Carlsson, S. *see* Nijegorodov, N. 33174
Carlsson, S. *see* Starck, S.-A. 24183
Carlsson, T.E. Measurement of three-dimensional shapes using Light-in-Flight recording by holography 12444
Carlsten, B.E. *see* Fazio, M.V. 19303
Carlsten, B.E. *see* Kato, K.G. 19304
Carlsten, B.E. *see* Sailor, W.C. 23975
Carlsten, J.L. *see* Heumier, T.A. 43823
Carlstrom, A., Ulander, L.M.H. C-band backscatter signatures of old sea ice in the central Arctic during freeze-up 24502
Carlton, G., Bartlett, A.D., Carter, C.N. UK power utilities experiences with optical fibres 38060
Carlton, G., Carter, C.N., Peacock, A.J., Sutehall, R. Monitoring trials on all-dielectric, self-supporting, optical cable for power line use 6000
Carlton, L.T. *see* Kathiresan, K. 14589
Carlton, T. 3DO Interactive Multiplayer: Pong is dead! 46260
Carluccio, R., Fortunato, G., Milne, W.I. Activated hydrogen effects on the electrical stability of a-Si:H thin-film transistors 34996
Carluccio, R., Pecora, A., Fortunato, G., Stoemenos, J., Economou, N. High substrate temperature (420°C) excimer laser crystallization of hydrogenated amorphous silicon 9686
Carluccio, R. *see* Fortunato, G. 34992
Carluccio, R. *see* Pecora, A. 31342
Carlyle, W.M. *see* Ammons, J.C. 1728
Carman, G.P., Paul, C., Sendeckyj, G.P. Transverse strength of composites containing optical fibers 31257
Carman, G.P. *see* Paul, C.A. 6819
Carmel, Y. *see* Levush, B. 27417
Carmeli, Y. *see* Aurbach, D. 48081
Carmen, D.F. *see* Rasmussen, J.R. 17257
Carmen de Andres, M.del *see* del Carmen de Andres, M.
Carmichael, D.R. *see* Linnett, L.M. 38177
Carmo, L.F.Rust da Costa *see* Rust da Costa Carmo, L.F.
Carmo, R.L.R., Juanole, G. Modeling and evaluating the DQDB protocol with stochastic timed Petri nets 37150
Carmona, R.A. Wavelet identification of transients in noisy time series 21834
Carmony, L. *see* Chao, S.-C. 14227
Carnaghan, R.M., Reed, E.W., Spamer, T.C. An alternative to holograms for the portrayal of human teeth 13828
Carnahan, R.E. *see* Boykin, T.B. 19734
Carnahan, R.E. *see* Hargis, M.C. 38490
Carnegie, D., Holmes, G., Smith, L. Intelligibility of speech compressed using an auditory model 12995
Carneiro, S., Jr. *see* Marinos, Z.A. 32172
Carneiro, S.Jr. *see* Marinos, Z.A. 7715
Carneiro S., M., Franca, P.M., Silveira, P.D. Long-range planning of power distribution systems: primary networks 7937
Carnera, A. *see* Coffa, S. 10843
Carnera, A. *see* Gasparotto, A. 10831
Carnero, A. *see* Kubiak, J.A. 32530
Carnes, W.E. *see* Blackwood, E.B. 39788
Carney, L., Frank, R., Percy, P. Recent developments in surface mount power IC packages 41661
Carney, L., Frank, R., Percy, P. Recent developments in surface mount power IC packages 41677
Carnicer, A., Juvells, I., Vallmitjana, S. Single and multiple detection in a binary joint transform correlator 29899
Carniel, A. *see* Denard, J.-C. 7098
Carnimeo, L. *see* Brucoli, M. 16233
Carns, T.K. *see* Wu, S.L. 2586
Carnus, P. *see* Brugel, N. 3789
Carolan, J.F. *see* Ma, Q.Y. 41280
Carolan, T.A. *see* McBride, R. 15257
Caroll, R.D. *see* Liu, K.-W. 19888
Carolle, M.-N. *see* Martin, J.-C. 45454
Carollo, A. *see* Fernandez, R. 36930
Caron, A. *see* Banks, D.R. 34400
Caron, B. *see* Ledoux, B. 14782
Caron, J.-P. *see* Wroblewski, A. 32864
Carosi, M., Gilardi, C., Lavoro, E. Land mobile satellite systems and terrestrial private networks—an integrated approach 22940
Carosi, M., Pavesi, B., Rondinelli, G. Architecture definition for small satellite personal communications systems 22824
Carosi, M. *see* Ananasso, F. 45891
Carothers, C.D., Fujimoto, R.M., Lin, Y.-B., England, P. Distributed simulation of large-scale PCS networks 37887

Carothers, J.D., Cragon, H.G. Graph-theoretic techniques for computer intraconnection minimization 18394
Carotta, M.C. *see* Martinelli, G. 6638
Carotta, M.C. *see* Poggi, A. 42390
Caroubalos, C. *see* Maroulis, D. 31149
Caroubalos, C. *see* Tzelepis, V. 35756
Caroubalos, C. *see* Tzelepis, V. 44077
Carpeggiani, C. *see* Balocchi, R. 39046
Carpenter, D.C., Hill, R.J. Railroad track electrical impedance and adjacent track crosstalk modeling using the finite-element method of electromagnetic systems analysis 25896
Carpenter, D.C., Hill, R.J. Continuous-function ground conductivity model for the determination of electric railway earth conductance 33104
Carpenter, D.C. *see* Hill, R.J. 8915
Carpenter, G. *see* Lehman, R. 5383
Carpenter, J. Understanding electromagnetism 26118
Carpenter, J.A., Evans, J., Hakim, E.B., Lyke, J., Naclerio, N.J., Pagel, C., Palmer, D. Overview of US government advanced packaging programs 9310
Carpenter, L.A. *see* Grosch, T.O. 19064
Carpenter, M.P. *see* Davids, C.N. 24115
Carpenter, R.B., Jr. New technology for transmission and distribution systems protection 39638
Carpenter, R.W. *see* Maracas, G.N. 746
Carpenter, R.W. *see* Maracas, G.N. 33602
Carpenter, T.A. *see* Amin, M.H.G. 7637
Carpenter, T.A. *see* Burdett, N.G. 7355
Carpentier, E.Le *see* Le Carpentier, E.
Carpentier, S. *see* Borgne, M. 30808
Carpentier, S. *see* du Chaffaut, G. 14600
Carpentieri, M., De Santis, A., Vaccaro, U. Size of shares and probability of cheating in threshold schemes 29486
Carpineli, J.D., Oruc, A.Y. A nonbacktracking matrix decomposition algorithm for routing on Clos networks 5262
Carpino, M. Analysis of a laminate disk rotating near a flat plate 20155
Carpio, R. *see* Fowler, B. 19671
Carpita, M., Farina, P., Tenconi, S. A single phase, sliding mode controlled inverter with three levels output voltage for UPS or power conditioning applications 16989
Carpita, M. *see* Bocchetti, G. 17529
Carr, A. *see* Wade, V. 14034
Carr, B.P. Introduction to thick film fine line printing screens 34455
Carr, D. *see* Folkard, M.A. 9563
Carr, G. Continuous chemical repurification 19494
Carr, H., Munro, W.S.H., Rafiq, M., Wykes, C. Developments ion capacitive transducers 7660
Carr, J.J., Dreyer, D.R. Exact derivation of tensile strain and strain rate equations for a rotating capstan fiber tester 2997
Carr, J.N. *see* Heistand, R.H., II 9303
Carr, K. *see* Randall, B. 391
Carr, K.R. *see* Christie, R.D. 32489
Carr, L., Davis, H., Hall, W. Experimenting with HyTime architectural forms for hypertext interchange 14131
Carr, L. *see* Chapman, G.H. 46516
Carr, L. *see* Syrzycki, M.J. 23716
Carr, M., Hajek, B. Scheduling with asynchronous service opportunities with applications to multiple satellite systems 37094
Carr, R., Nuhn, H.-D., Corbett, J. First test results for an adjustable phase undulator 15389
Carr, T.D. *see* Wang, L. 38195
Carr, T.W. *see* Erneux, T. 43808
Carrabina, J., Lisa, F., Gaitan, V., Garrido, L., Valderrama, E. Hardware implementation of a neural network for high energy physics application 24112
Carrabina, J. *see* Ribas, L. 19947
Carragher, R., Nan-Chi Chou, Morgenthaler, J.D., Chung-Kuan Cheng, Russell, T.C. Distortion mapping for cofired ceramic substrate testing 17870
Carragher, R.J., Cheng, C.-K., Xiong, X.-M. The net matching problem in high performance microelectronics design 19937
Carrara, B. *see* Dujardin, E. 23172
Carrara, D.A. *see* Flohr, T.J. 22086
Carrara, G., Casini, D., Gardella, S., Salutari, R. Optimal PWM for the control of multilevel voltage source inverter 16987
Carrara, R., Fortuna, L., Muscato, G., Xibilia, M.G. Approximated models for the analysis of interconnected circuits with transmission lines 9923
Carraresi, L., De Souza, E.A., Miller, D.A.B., Jan, W.Y., Cunningham, J.E. Wavelength-selective detector based on a quantum well in a standing wave 23619
Carraresi, L. *see* Beaumont, S.P. 15637
Carraresi, L. *see* De Souza, E.A. 43517
Carrasco, A., Dede, E.J. An introduction to the study of the response of switched power convertors 18476
Carrasco, F., Ezquerra, M. A winning approach to transmission and distribution management 16218
Carrasco, F.J. *see* Leon, G. 30578
Carrasco, J.A., Dede, E.J. The design of a control network for the BUCK convertor 26697
Carrasco, J.M., Ridao, F.P., Quero, J.M., Janer, C., Franquelo, L.G. Industrial application, 1 MHz, quasi resonant converter 8562
Carrasco, R.A. *see* Acha, V. 21507
Carrasco, R.A. *see* Acha, V. 22706
Carrasco, R.A. *see* Ancin, F.J. 4525
Carrasco, R.A. *see* Coloma, J. 22781
Carrasco, R.A. *see* Coloma, J. 44956
Carrasco, R.A. *see* Lopez, F.J. 21605
Carrasco, R.A. *see* Lopez, F.J. 44733
Carrasco, R.A. *see* Mendia, J. 5737
Carrasco, R.A. *see* Mendia, J. 21508
Carrasco, R.A. *see* Pointon, C.T. 36711
Carrascosa, M. *see* Alvarez-Bravo, J.V. 3903
Carrato, S., Marsi, S. Compression of subband-filtered images via neural networks 4893
Carrato, S., Ramponi, G. Edge detection using generalized higher-order statistics 5032
Carrato, S. *see* Simonetti, R. 6229
Carrato, S. *see* Simonetti, R. 31025
Carrault, G. *see* Mora, F.A. 38954
Carrault, G. *see* Thoraval, L. 39063
Carre, C., Maze, S., Refregier, P. Applications of self-processing polymer materials: pattern recognition by optical correlation 36942
Carre, M. *see* Chelles, S. 35487
Carre, M. *see* Devaux, F. 35619
Carre, M. *see* Devaux, F. 43523
Carre, M. *see* Ghirardi, F. 20371
Carre, R. *see* Mrayati, M. 13097
Carrejo, J.P. *see* Majumdar, A. 40904
Carreno, M.N.P. *see* Velasquez, E.L.Z. 19612
Carrera, J.P., Easter, J.R., Negus, A.K. Human engineering considerations in the Man-Machine Interface System design for the AP600 plant 39833
Carrere, G. Comparison between CDMA and COFDM transmission techniques for the digital audio broadcasting by satellite 14549
Carretero, L. *see* Belendez, A. 21106
Carretero, L. *see* Fimia, A. 44143
Carretta, T., Grazioli, A. An evolutionary approach to the management of SDH radio equipments 14060
Carrette, P. *see* Antoine, J.-P. 13546
Carrie, P. *see* Adam, W. 46929
Carriere, C. *see* Groussin, B. 20862
Carriere, C. *see* Maurel, P. 20914
Carriere, T. *see* Oldham, T.R. 34069
Carrig, T.J., Pollock, C.R. Performance of a continuous-wave forsterite laser with krypton ion, Ti:sapphire, and Nd:YAG pump lasers 43757
Carrigan, J. *see* Cho, S.M. 16636
Carrillo Mendoza, R.A. *see* Baers, L.B. 25155
Carrion, M.C., Gallego, A., Porti, J., Ruiz, D.P. Subsectional-polynomial E-pulse synthesis and application to radar target discrimination 30889
Carrion, M.C. *see* Gallego, A. 30890
Carrion, M.C. *see* Porti, J.A. 44606
Carro, L., Marcon, C.A., Suzim, A.A. SHC-SLX: a levelized compiled, event driven interpreted VLSI simulator 1241
Carroll, C.R. A calculator for set algebra 9161
Carroll, D. *see* Zizzo, D. 32550
Carroll, D.L. Effects of a nonhomogeneous gain saturation law on predicted performance of a high-gain and a low-gain laser system 43719
Carroll, D.L., Sentman, L.H. Maximizing output power of a low-gain laser system and the effects of a non-homogeneous gain saturation law 28736
Carroll, D.L. *see* Waldo, R.E. 28730
Carroll, G.J. *see* Dingle, A.A. 31958
Carroll, J. Connectors: roadside experiences 48440
Carroll, J., Chang, K. Metallization effects on GaAs microstrip line attenuation 19112
Carroll, J. *see* Dang, V. 39927
Carroll, J.E., Zhang, L.M., Bray, M.E. A Bragg about lasers 20851
Carroll, J.E. *see* Nowell, M.C. 43917
Carroll, J.E. *see* Zhang, L.M. 12158
Carroll, J.J. *see* Sinor, T.W. 7309
Carroll, J.R. *see* Robertson, D.M. 45652
Carroll, J.V. *see* Weitzen, J.A. 46136
Carroll, R. *see* Mayor, M.A. 23116
Carroll, R.D. *see* Anwar, A.F.M. 11236
Carroll, T.L., Heagy, J., Pecora, L.M. Synchronization and desynchronization in pulse coupled relaxation oscillators 41704
Carroll, T.L., Pecora, L.M. Synchronizing nonautonomous chaotic circuits 26662
Carroll, T.L., Pecora, L.M. Synchronizing chaotic systems 36450
Carron, G., Thorndahl, L. Impedance and loss factor measurements on a CLIC Transfer Structure (CTS) 15437
Carruana, E.Vano *see* Vano Carruana, E.
Carruth, R.T. *see* Jaenisch, H.M. 5088
Carruthers, J.B. *see* Kahn, J.M. 23082
Carsimamovic, S. *see* Mahmutcehajic, R. 24598
Carson, B.H., Glantz, C.S., Conrad, B.S. Modelling of off-site radiological dose consequences from an accidental airborne release at the Susquehanna Steam Electric Station 39406
Carson, D.I. On $O(p^2)$ algorithms for planarization 18428
Carson, E.R. *see* Summers, R. 39104
Carson, J. *see* Wake, M. 15366
Carson, J.C., Suer, M.F., Some, R.R. Developing 3D memories 43038
Carson, R.F., Casalnuovo, S.A., Sinclair, M.B. Dielectric optical waveguide sensors integrated with GaAs active devices 6422
Carson, R.F., Kravitz, S.H., Hietala, V.M., Harff, N.E., Armendariz, M.G., Vawter, G.A. Integrated test and package methods for integrated photonics 3387
Carson, R.R., Jr. Application of shipboard sensor fusion to airborne platforms 39436
Carsten, B. Achieving 80-90% efficiency over a 100:1 load range at 3.3 V with synchronous rectification and a cycle-by-cycle control algorithm 26702
Carsten, B. Cross regulation effects in multiple "batch regulated" outputs 26710
Carsten, B. The bipolar transistor is dead. Long live the bipolar transistor! 42276
Carsten, B. The bipolar transistor is dead. Long live the bipolar transistor! 42895
Carstensen, C., Petkovic, M.S. On some interval methods for algebraic exponential and trigonometric polynomials 33527
Carstensen, C., Petkovic, M.S. An improvement of Gargantini's simultaneous inclusion method for polynomial roots by Schroder's correction 41129
Carstocea, B. *see* Ionescu, T.C. 38952
Carstoiu, D., Radu, C. The authentication and digital signature schemes 44747
Carswell, A.I. *see* Donovan, D.P. 24492
Carter, A., Ruiz, P. A RLS with an adaptive forgetting factor 13436
Carter, A. *see* Shaw, N. 3379
Carter, A.C. *see* Farries, M.C. 43860
Carter, C.F., III *see* Shen, Z.-Y. 1576
Carter, C.H., Jr. *see* Palmour, J.W. 19873
Carter, C.N. *see* Carlton, G. 6000
Carter, C.N. *see* Carlton, G. 38060
Carter, C.R. *see* Chung, T. 41519
Carter, D. *see* Durham, M.O. 7908
Carter, D. *see* Gieras, J.F. 40211
Carter, G.C., Robinson, E.R. Ocean effects on time delay estimation requiring adaptation 44876
Carter, G.C. *see* Chang, W. 46113
Carter, G.M., Kao-Yang Huang, Brotman, J., Grober, R., Mandelberg, H. Frequency and intensity modulation characteristics of GaAs lasers in an external cavity 43848
Carter, G.M. *see* Liu Zheng 43931
Carter, H. *see* Amidei, D. 46890
Carter, H. *see* Tkaczyk, S. 46989
Carter, J., Goodman, C.J., Zelaya, H., Tran, S.C. Capacitor voltage control in single-phase three-level PWM converters 8592
Carter, J. *see* Pan, N. 9549
Carter, J.C. *see* Afshar-Hanaii, N. 2514
Carter, J.D., Sprenkle, V., Nasrallah, M.M., Anderson, H.U. Solubility of calcium in lanthanum chromite [solid oxide fuel cell applications] 17344
Carter, J.M. *see* Wong, V.V. 28853
Carter, J.N., Nixon, M.S. On the potential for computer vision in undergraduate group projects 13844
Carter, J.N. *see* Lauder, R.D.T. 3549
Carter, J.R. *see* Vickery, S.K. 40850
Carter, L.J. UHF propagation over a cluttered, mixed land/water path 22874
Carter, M. *see* Karpov, A. 30939
Carter, M.A. *see* Sahafi, H.F. 42722
Carter, N. *see* Harvey, T.G. 43453
Carter, N.J. Low cost susceptibility testing 4158
Carter, N.J., Bull, D.A. EMC testing of whole aircraft 39159
Carter, P., Beach, M.A. Handover aspects for a low earth orbit (LEO) CDMA land mobile satellite (LMS) system 37946
Carter, P.H. Chaotic time series analysis using the wavelet transform 36677
Carter, R.J., Wachtel, J.A. Advanced control room design review guidelines: merging old and new 16621
Carter, R.L. *see* Noor Mohammad, S. 10639
Carter, T. *see* Bird, A.J. 7302
Carter, T.J., Wasywich, K.M., Floyd, M.R., Hosbons, R.R., Maguire, M.G. An overview of fuel examinations at Chalk River and Whiteshell Laboratories in support of the Darlington fuel examination 8087
Carter, T.J. *see* Manzer, A.M. 8084
Carter, V. Flexible measurement data collection 38414
Carthmell, M.P., Fothergill, A.P., Forster, J.K.W. Theoretical foundations for a design brief expansion system 227
Cartier, E., Buchanan, D.A., Dunn, G.J. Atomic hydrogen-induced interface degradation of reoxidized-nitrided silicon dioxide on silicon 34694
Cartier, E., Stathis, J.H., Buchanan, D.A. Passivation and depassivation of silicon dangling bonds at the Si/SiO_2 interface by atomic hydrogen 2142
Cartier, E. *see* Stathis, J.H. 42594
Cartier, F. *see* Aroua, A. 32001
Cartier, S. *see* Bonnin, P. 22099
Cartiglia, N. *see* Barberis, E. 24093
Cartiglia, N. *see* Barberis, E. 46846

Cartiglia, N. *see* Ohsugi, T. 46838
Cartiglia, N. *see* O'Shaughnessy, K. 47008
Cartiglia, N. *see* Ziock, H.-J. 46885
Cartiglia, N. *see* Ziock, H.J. 7184
Cartledge, J.C., Rolland, C., Lemerle, S., Solheim, A. Theoretical performance of 10 Gb/s lightwave systems using a III-V semiconductor Mach-Zehnder modulator 43536
Cartledge, J.C. *see* Mckay, R.G. 44655
Cartledge, J.C. *see* Zhang, L. 28869
Cartron, D. Global environmental regulations: their effect on the electronic industry 33295
Cartujo, P. *see* Banqueri, J. 1953
Cartuyvels, R. *see* Vankemmel, R.C. 28065
Cartwright, D.C. *see* Harris, D.B. 3422
Cartwright, L. *see* Fauser, S.N. 1711
Cartwright, N.E. Aeronautical facsimile by satellite 14096
Carty, T., Honda, T., Matsumoto, H. Frequency stabilization of a diode-laser-pumped CW neodymium-doped yttrium vanadate intracavity-doubled solid-state laser 3758
Caruana, L., Lepesant, P.Y., Moreau, C., Nandjee, F. The main features of the first MS9001F-216 MW combustion turbine for EDF peak-load use 39995
Caruso, M.G., Santo, L., Strano, F. A real time DAMA management processor for high throughput channel assignment in SESNET system 14543
Carvajal, L. *see* Murphy-Boesch, J. 39008
Carvajal-Osorio, H. Future application possibilities of HTGRs in Venezuela 32625
Carvalhal, F.J. *see* Palma, J.P. 8851
Carvalhal, F.J. *see* Palma, J.P. 17441
Carvalho, B.B. *see* Simoes, P.C.S. 23471
Carvalho, C.N. *see* Fortunato, E. 31307
Carvalho, C.N. *see* Fortunato, E. 38520
Carvalho, C.N. *see* Vieira, M. 33031
Carvalho, C.N. *see* Vieira, M. 40491
Carvalho, I.C.S. *see* Vermelho, M.V.D. 3761
Carvalho, M.I. *see* Christodoulides, D.N. 36021
Carvalho, P., Ngoya, E., Rousset, J., Obregon, J. Object-oriented design of microwave circuit simulators 1489
Carver, G.E., Heebner, R.W., Moore, R.D. Wafer level characterization of InP and GaAs based devices 2576
Carwile, R.F. *see* Haskew, T.A. 47527
Caryotakis, G. *see* Ruth, R.D. 46776
Casa, G., Mirandola, P. Distribution automation system to provide friendly home user-utility interface 16220
Casa, J.de La *see* de La Casa, J.
Casaca, A. *see* Videira, F. 5456
Casacca, M.A., Salameh, Z.M., Capobianco, M.R., Losch, R. Optimum battery configuration for maximum utilization of photovoltaics 32796
Casaccia, R. *see* Bianco, S. 31711
Casaccia, R. *see* Sarwar, S. 31698
Casada, M. *see* Zierold, D. 32637
Casadei, D., Grandi, G., Serra, G. Study and implementation of a simplified and efficient digital vector controller for induction motors 8844
Casadei, D., Grandi, G., Serra, G. Rotor flux oriented torque-control of induction machines based on stator flux vector control 8849
Casadei, D., Grandi, G., Serra, G., Tani, A. Space vector control of matrix converters with unity input power factor and sinusoidal input/output waveforms 8596
Casadevall, F. *see* Agusti, R. 30653
Casadevall, F.J., Valdovinos, A. Equalization techniques in indoor radio environment 14517
Casadevall, F.J., Valdovinos, A. Performance analysis of QAM modulations applied to the LINC transmitter 22832
Casadevall, F.J. *see* Valdovinos, A. 45821
Casadevall, F.J. *see* Valdovinos, A. 45839
Casagrande, G., Chiari, A., Golla, C., Miceli, S. VLSI programmable digital filter for video signal processing 41938
Casagrande, L.G. *see* Lee, M.B. 9534
Casajus Quiros, F.J. *see* Paez Borrall, J.M. 21756
Casalaina, R.V. *see* Grzan, J. 16330
Casalbore-Miceli, G. *see* Capuano, F. 32988
Casale, A.Del *see* Del Casale, A.
Casaleggio, A. Effect of constant intervals of a time series on the computation of the correlation dimension 39055
Casali, F., Chirco, P., Partemi, P., Festinesi, A., Garagnani, A., Rosa, R. Neutron imaging using a low-cost cooled CCD camera 38573
Casali, J.G. Technology advancements in hearing protection: active noise reduction, frequency/amplitude-sensitivity, and uniform attenuation 4584
Casalnuovo, S.A. *see* Barbour, J.C. 10967
Casalnuovo, S.A. *see* Carson, R.F. 6422
Casals, C., Garcia, J., Blondia, C. A Medium Access Control protocol for an ATM access network 45344
Casamajo, M.T. *see* Masia, F. 31822
Casano, L. *see* D'Angelo, A. 6943
Casanova, P., Abarca, A. EPRAM: an EPROM emulator with RAM 26946
Casanova, P., de La Casa, J., Talavera, L., Almonacid, G. Combinational design with programmable logic networks 26815
Casanova, V. *see* Beer, A. 31662
Casanova Alig, R. Horizontal deflection defocusing in CRTs 27437
Casanovas, A.M. *see* Casanovas, J. 11345
Casanovas, J., Lagarde, F., Belarbi, A., Casanovas, A.M. Stability of SF_6 decay products with storage conditions 11345
Casanueva, A. *see* Borge, Ma. 29227
Casar Corredera, J.R. *see* de Miguel Vela, G. 30884
Casar-Corredera, J.R. *see* Portillo-Garcia, J.I. 13430
Casari, C. *see* Antonelli, A. 24054
Casas, J.R., Torres, L., Jareno, M. Efficient coding of residual images 30060
Casas, L. *see* Lee, H.S. 1937
Casas, L.M. *see* Han, W.Y. 19427
Casas, R., Diaz, J., Martinez, C. Average-case analysis on simple families of trees using a balanced probability model 514
Casas, S., Oliver, G., Frau, J., Planas, R., Fernandez, J. Target-motion modelling based on time series and Kalman filtering 45232
Casasent, D. Optical processing and neural nets for scene analysis 13508
Casasent, D. "New advances in correlation filters" 30010
Casasent, D. Sequential and fused optical filters for clutter reduction and detection 30102
Casasent, D., Neiberg, L. Analog optical neural nets for image processing 11727
Casasent, D., Richards, J. High-speed acousto-optic mapping modulator for the generalized Hough transform 20437
Casasent, D., Smokelin, J.-S. Neural net selection methods for Gabor transform detection filters 4915
Casasent, D., Woodford, P. Single-stage optical numeric symbolic substitution 11750
Casasent, D., Woodford, P. Symbolic substitution modified signed-digit optical adder 43576
Casasent, D. *see* Al-Ghoneim, K. 43578
Casasent, D. *see* Schaefer, R. 30035
Casasent, D.P. *see* Neiberg, L. 34186
Casaux, Y. *see* Henry, F. 9760
Cascetta, F., Vigo, P. The future domestic gas meter: review of current developments 46411
Cascio, L., Rozzi, T., Zappelli, L. Radiation from Y-junctions in dielectric rib waveguide 19011
Cascon, J. *see* Capmany, J. 3264
Cascon, J. *see* Capmany, J. 38067
Case, C.B. *see* Barr, D.L. 33721
Case, D.R., Pardoe, B.H. Errors in colour television displays caused by multi-path transmission 6188
Case, K.E. *see* Chuanching Ho 26219
Case, M. *see* Rodwell, M.J.W. 27285
Case, M. *see* Yu, R. 6364
Case, M.J., Schoeman, J.J. A compact wideband current shunt 15158
Case, M.J., Schoeman, J.J., van Wyk, J.D. A universal power converter 17069
Case, M.J. *see* Blajszczak, G. 16485
Cases, G. *see* Behrens, U. 31736
Casetti, C. *see* Marsan, M.A. 22523
Casey, B.K. *see* Akeson, J.K. 45709
Casey, J.D., Comunale, R.A. Repair of flat panel display substrates by laser direct writing of metallic platinum, copper and aluminum and insulating aluminum oxide utilizing gas phase reactants 46549
Casey, J.D., Jr., Doyle, A.F., Lee, R.G., Stewart, D.K., Zimmermann, H. Gas-assisted etching with focused ion beam technology 42716
Casey, J.K. *see* Burke, L.D. 25670
Casey, K.C. *see* Sakairi, N. 7667
Casey, L. *see* Hatlelid, J.E. 37743
Casey, R.C. Repair and upgrade of a 1950 vintage hydro plant 32772
Casey, S.M. *see* Mullan, C.A. 9504
Casey, W. *see* Chenoweth, A. 14567
Casey, W. *see* Driemeyer, D. 14565
Casey, W. *see* Jackson, J. 12097
Cash, C.R., Nelson, B.L., Dippold, D.G., Long, J.M., Pollard, W.P. Evaluation of tests for initial-condition bias 475
Cash, G.L. *see* Civanlar, M.R. 37607
Cashin, P.M. Adaptive interfaces for system evolution 13995
Cashman, J.D., Haack, G. The radar backscatter from turbines simulated by wire structures with angular periodicity 30886
Cashmore, R.J. *see* Foster, B. 31714
Casian, G. *see* Harmony, T. 31914
Casillas, M.Vela de *see* Vela de Casillas, M.
Casimiro, A.M. On the optimization of the Tchebycheff synthesis 12717
Casimiro, A.M.E.S. *see* Grilo, F.C.V. 4261
Casimiro, P. *see* Saraiva, M. 1189
Casini, C., Cheli, R. Experiments in high-speed traction in Italy 48353
Casini, D. *see* Carrara, G. 16987
Casiniere, A.De La *see* De La Casiniere, A.
Casiraghi, U., Dionisi, S., Nava, P. Assessments of the impact of CCITT G.826 Recommendation on radio relay system design and radio link deployments 14406
Casiraghi, U., Vitali, P., Nardoni, A., Ordano, L. Experimental results from a 70 Mbit/s-16 QAM 229 km oversea radio link in Italy 14438
Casiraghi, U. *see* Candeo, S. 45778
Casiraghi, U. *see* Saini, L. 12614
Casiraghi, U. *see* Saini, L. 21265
Caskey, D.L. The problem with security: public perception versus reality 7513
Caskie Lewis-Clapper, R. The roles of team skills training and team building in improving performance 39769
Casnati, A. *see* D'Alto, V. 38234
Casnati, E. *see* Tartari, A. 39017
Caso, E. *see* Acerbi, E. 15542
Casolino, M. *see* Bocciolini, M. 24082
Casolo, G.C. *see* Balli, E. 24326
Cason, C. *see* Shiow-Hwa Lin 28628
Cason, N. *see* Abbott, B. 7245
Cason-Smith, D.M. *see* Murphy, T.C. 17249
Casotto, A., Sangiovanni-Vincentelli, A. Automated design management using traces 9895
Caspar, C. *see* Bruan, R.-P. 30576
Caspers, F. Bench methods for beam-coupling impedance measurement 31387
Caspers, F., Jensen, E., Ruggiero, F. Impedance measurements for the pumping holes in the LHC liner 7078
Caspers, F. *see* Jacob, J. 15181
Casperson, L.W., Khoshnevissan, M. Threshold characteristics of multimode semiconductor lasers 28846
Cassaday, W. *see* Nathanson, F. 23175
Cassandras, C.G. *see* Sparaggis, P.D. 9382
Cassarly, W. *see* Waarts, R.G. 20845
Cassarly, W.J. *see* Sanders, S. 43835
Cassassolles, E., Tomasini, B., Favier, G. Controlling an ever-expanding tree: towards a practical version of the Multiple Hypothesis Filter 29644
Cassassolles, E. *see* Tomasini, B. 6150
Casseau, E., Degrugillier, D. A linear systolic array for LU decomposition 41838
Cassel, R. *see* Ruth, R.D. 46776
Cassel, W. *see* Varri, A.O. 39071
Cassel, W.R. Distribution management systems: functions and payback 24905
Cassell, J., Santos-Nieto, M., Wald, M., Leesang, A., Tripathi, N. Implementation of the import optimizer function for Florida Power and Light 24687
Cassell, T.D. *see* Steen, D.V. 32698
Cassereau, D., Chakrovun, N., Wu, F., Fink, M., Datchi, F. Synthesis of a specific wavefront using 2D full and sparse arrays 13196
Cassidy, D.T. *see* Hayward, J.E. 3675
Cassidy, D.T. *see* Ventrudo, B.F. 20856
Cassidy, S., Harrington, J. Investigating the dynamic structure of vowels using neural networks 13046
Cassidy, S. *see* Harrington, J. 4529
Cassidy, S.A. *see* Maxwell, G.D. 5645
Cassidy, S.A. *see* Smith, G.R. 5049
Cassidy, S.A. *see* White, T.K. 30751
Cassinari, L. *see* Level, M.-P. 15290
Cassingham, R. *(editor)* Proceedings of the Third International Mobile Satellite Conference IMSC '93 (JPL Publ. 93-009) 26081
Cassio, V. *see* Benvenuti, A. 7252
Casson, K., Gibson, B. Flip-on-flex: solder bumped ICs bond to Novaclad—a new high temperature, adhesiveless, flex material 1766
Casstevens, M.K. *see* Burzynski, R. 20234
Castagnede, B. *see* Allard, J.F. 41532
Castagnet, T., Portier, R. A low cost motor control with a microcontroller 25951
Castagnet, T. *see* Nicolai, J. 8577
Castagnet, T. *see* Nicolai, J. 40544
Castagnetti, R., Azeredo Leme, C., Baltes, H. Dual collector magnetotransistors with on-chip bias and signal conditioning circuitry 6436
Castagnoli, C. Someone's been reading my E-mail! Privacy protection for electronic mail users in the US and the EC 30348
Castagnolo, B., De Sario, M., D'Orazio, A., Petruzzelli, V., Rizzi, M. Switching elements based on the spatial optical soliton propagation 3788
Castagnolo, B., Rizzi, M. An N×N optical interconnection network with reduced length 3277
Castagnolo, B., Rizzi, M. Photonic switching fabrics in SDM environment 37998
Castagnolo, B., Rizzi, M., Armenise, M.N., Passaro, V., Conese, T. A new switching element for large optical interconnection networks 14562
Castagnolo, B. *see* Armenise, M.N. 11763
Castagnozzi, D.M., Livas, J.C., Bucher, E.A., Jeromin, L.L., Miller, J.W. Performance of a 1 Gbit/s optically preamplified communication system with error correcting coding 30724
Castaldini, A., Cavalcoli, D., Cavallini, A. On the dirty contacts on n-type silicon 10744
Castan, S. *see* Chebaro, B. 22287
Castan, S. *see* Guisser, L. 6793
Castaneda, J.A. *see* Hung-Yu Yang 36394
Castanet, R., Kone, O. Deriving coordinated testers for interoperability 30239
Castanie, F., Denjean, A. Mean value jump detection using wavelet decomposition 13330
Castanie, F. *see* Faraj, Z. 13432
Castanie, F. *see* Molinaro, F. 13454
Castanie, F. *see* Molinaro, F. 13657
Castanie, F. *see* Roviras, D. 21699
Castano, E. *see* Garcia-Alonso, A. 797
Castano, E. *see* Garcia-Alonso, A. 6437

Castano, M.A., Vidal, E. ECGI stochastic learning and some results for difficult dictionary speech recognition 13118
Castano, V.M., Gomez, A. A phase-space approach to X-ray optics 47019
Castedo, L., Tseng, C.-Y., Griffiths, L.J. An adjustable constraint approach for robust adaptive beamforming 21766
Castell, A. *see* Pladellorens, J. 31873
Castell, J. *see* Pladellorens, J. 31849
Castell, L. Nuclear power and the public 39818
Castell, L.A.Ruiz *see* Ruiz Castell, L.A.
Castell, S. Channel 5: a national digital broadband communications highway. Off-air digital broadcasting: programming and multimedia 38217
Castell-Mas, V. *see* Delgado-Penin, J.A. 4413
Castella, F.R. Multisensor, multisite tracking filter 46087
Castella, F.R., Marable, D.L. Optimized planar array antenna nulling with phase only control 29364
Castellan, R. *see* Masetti, F. 22738
Castellano, M., Patteri, P., Tazzioli, F., Cavallo, N., Cevenini, F., Ciocci, F., Dattoli, G., Pace, A.Di., Gallerano, G.P., Renieri, A., Sabia, E., Torre, A., Catani, L. SURF: an IR FEL with the SC linac LISA 6925
Castellano, M.G. *see* Berger, C. 20186
Castellano, M.G. *see* Carelli, P. 11543
Castellano, M.G. *see* Leoni, R. 24048
Castellano, S. *see* Contento, G. 15787
Castellanos, J.M., Fleming, R.J. Supplementary DC control in a two area AC/DC power system 32311
Castelli, B., Hartmann, O., Ravicini, L. Cost and economics of hydroplant modernisation 16714
Castelli, F., Leporelli, C. Critical mass of user versus critical mass of services in a multiproduct information service system 22384
Castelli, R. *see* Van Bogaert, J. 22418
Castellini, G. *see* Adriani, O. 46977
Castellini, G. *see* Del Re, E. 22873
Castello, R. *see* Baschirotto, A. 42039
Castelluccia, C. *see* Erdol, N. 4478
Castenschiold, R. *see* Goldberg, D.L. 24647
Castera, J.P. *see* Mage, J.C. 27137
Castiglioni, E.L.T. Ecology—automobile transport and the electric vehicle. IV 40597
Castiglioni, E.L.T. Ecology: automobile transport and the electric vehicle. V 40598
Castiglioni, T. *see* Eduardo, L. 17537
Castilla, M. *see* Gutierrez, J. 32196
Castilla, M. *see* Montano, J.-C. 6721
Castillo, D. *see* Rogers, B. 17856
Castillo, H.M.Del *see* Del Castillo, H.M.
Castillo, J.L., Huerta, M.A. Effect of resistivity on the Rayleigh-Taylor instability in an accelerated plasma 21189
Castillo, L.M.G., Sarkar, T.K., Palma, M.S. Utilization of wavelet concepts into the finite element method for efficient solution of Maxwell's equations 21170
Castillo, V. *see* Chai, B. 18121
Castillo, V. *see* Pinto, J.F. 35720
Castledine, C. *see* Adams, W.A. 48386
Castles, S. *see* Nahum, M. 24006
Castner, R. *see* Chang, K. 23195
Casto, J. *see* Huddleston, W. 1769
Castoldi, A. *see* Ripamonti, G. 34161
Castor Gonzalez, G., Manzanilla, R., Feijoo, R. The adaptable finite element method. Error estimation 26387
Castro, A. *see* Amidei, D. 46890
Castro, A. *see* McLaren, P.G. 32493
Castro, A. *see* Tkaczyk, S. 46989
Castro, C.A., Bose, A. Correctability in online contingency analysis 24688
Castro, H., Holguin, E., Loude, J.F., Rinderer, L. Magnetic shielding with high-T_c $(YBa_2Cu_3O_{7-\delta})_{1-x}Ag_x$ superconducting tubes 20176
Castro, H.A., Sweet, M.R. Radiation exposure effects on the performance of an electrically trainable artificial neural network (ETANN) 34204
Castro, J.E. PC-based low-frequency spectrum analyzer 38384
Castro, J.P. Interconnection of high-speed network clusters through satellites 14554
Castro, J.P. Channel modeling and data transmission in mobile satellite systems 37806
Castro, J.P. Power attenuation characteristics as switch-over criterion in personal satellite mobile communications 37910
Castro, J.P. Integrated global networks, tomorrow's communications today 45893
Castro, M.D.Luque de *see* Luque de Castro, M.D.
Castro, M.P.P., Fellows, C.E., Massone, C.A. Simultaneous emission of seven laser bands in the N_2 2^+ system by current confinement and discharge channel plasma inductance reduction 3437
Castro, P.J., Barroso, J.J., Correa, R.A. Ohmic selection in open coaxial resonators: an experimental study 1479
Castro, R. Conductor selection, handling key to T-line construction 16393
Castro, S.De *see* De Castro, S.
Castro Alves, V., Kebichi, O., Ferreira, A. A new class of fault models and test algorithms for dual-port dynamic RAM testing 10162
Castro Simas, M.I. *see* Behrens, F.H. 2669
Castronuovo, M. *see* Harrison, L. 39200
Catalano, A. *see* Sarcona, G. 28149
Catalano, O. *see* Agnetta, G. 31780
Cataldi, G., Creti, P., Elia, V., Fiore, G., Gorini, E., Grancagnolo, F., Panareo, M., Pinto, C., Antoniazzi, L., Introzzi, G., Lanza, A., Liguori, G., Torre, P., Corti, G. Performance of the E771 RPC muon detector at Fermilab 31666
Cataldo, G.Di *see* Di Cataldo, G.
Catalfo, J.M. *see* Mayosky, M.A. 32784
Cataliotti, V. *see* Augugliaro, A. 24794
Catanesi, M.G. *see* Beker, H. 7152
Catani, L. *see* Castellano, M. 6925
Catania, P. *see* Roy, R.A. 815
Catania, V., Puliafito, A., Vita, L. A modeling framework to evaluate performability parameters in gracefully degrading systems 9340
Catanzaro, B. *see* Ma, J. 3375
Catchmark, J.M., Morgan, R.A., Kojima, K., Leibenguth, R.E., Asom, M.T., Guth, G.D., Focht, M.W., Luther, L.C., Przybylek, G.P., Mullally, T., Christodoulides, D.N. Extended temperature and wavelength performance of vertical cavity top surface emitting lasers 12218
Catchpole, P., Prassek, A., Wagner, U. New battery systems for electric road vehicles 17520
Catedra, M.F., Torres, R.P., Rivas, F., Perez, J., Domingo, M. RCS analysis code for complex targets modelled with NURBS surfaces 30872
Catedra, M.F. *see* Basterrechea, J. 27131
Catedra, M.F. *see* Basterrechea, J. 42134
Catella, G.C., Burlage, D.S. Analysis of high average power 3-wave mixing with thermal aberration and power dephasing 29004
Catena, E., Ceccarelli, R., Lisi, M., Vitulli, F. An MMIC beam forming network assembly for data relay satellite applications 29377
Catenacci, G. *see* Brusasca, G. 16625
Caterini, R. *see* Clochon, P. 7457
Cates, J.C., Qiu, G., Haftek, E., Alexander, C., Jr., Barnard, J.A. Magnetostriction and stress in high moment FeTaN films 28362
Cates, J.C. *see* Qiu, G. 28361
Cathcart, M. Enterprise client/server: the art of the achievable 37445
Cathcart, M. Opening up VM 37446
Cathell, F., Strickland, E. High voltage capacitor charging power supplies with high regulation 47980
Catherwood, M. *see* Muccioli, J.P. 18804
Cathey, W.T. *see* Curlander, J.C. 2934
Cathey, W.T. *see* Morozov, V.N. 44151
Cathignol, D. *see* Faure, P. 39420
Cathignol, D. *see* Newhouse, V.L. 47307
Catipovic, J. *see* Brady, D. 30864
Catipovic, J. *see* Stojanovic, M. 13953
Catlett, M.M. *see* MacArthur, D.W. 24002
Catoe, R.C. *see* Girgis, A.A. 47379
Catoe, R.C., Jr. *see* Makram, E.B. 47378
Caton, R. *see* Hooker, M.W. 24489
Catravas, P., Chen, C., Bekefi, G. Dispersion characteristics of a two-stream relativistic klystron amplifier 19307
Catravas, P. *see* Bekefi, G. 19299
Catrullo, M. *see* Perego, C. 17355
Catrysse, J. PCB-design and EMC-constraints 36269
Catrysse, J. An European Master Degree on EMC: an ERASMUS project 44403
Catrysse, J. *see* Steenbakkers, L.W. 44407
Catrysse, J.A., de Goeije, M., Steenbakkers, W., Anaf, L. Correlation between shielding effectiveness measurements and alternative methods for the characterization of shielding materials 36226
Cats, V.M. *see* Swenne, C.A. 24299
Cattadori, C. *see* Alessandrello, A. 24031
Cattaneo, M., Callot, O., Harvey, J., Jost, B., Lees, J.-P., Veitch, E. Online monitoring in the Aleph experiment at LEP 38897
Cattaneo, M. *see* Brambilla, M. 35917
Cattaneo, M. *see* Coates, A.B. 35650
Cattaneo, P. *see* Dell'Acqua, A. 7283
Cattaneo, P. *see* Dell'Acqua, A. 46998
Cattaneo, P.W. The effect of velocity saturation on the shape of current signals in germanium cylindrical detectors 46961
Catthoor, F. Design methodologies for application-specific signal processing architectures 13388
Catthoor, F. *see* Pauwels, M. 18817
Catthoor, F. *see* van Sas, J. 1158
Catthoor, F. *see* van Sas, J. 41775
Catthoor, F.V.M. *see* Franssen, F.H.M. 34124
Cattoni, A. *see* Sanelli, C. 15539
Catz, I. *see* Gopher, D. 15963
Cau, G. *see* Abrardo, A. 21484
Caudle, G.F. *see* Abele, C.C. 3743
Caughey, T. *see* Meguro, T. 28766
Caughman, J.B.O. *see* Holber, W.M. 10979
Caulet, J. *see* Guivarc'h, A. 18201
Caulet, J. *see* Guivarc'h, A. 41274
Caulfield, H.J. Molecular MIMD processors—an initial investigation 20460
Caulfield, H.J. *see* Hirsh, J. 20248
Caulfield, H.J. *see* Kukhtarev, N. 29780
Caulfield, H.J. *see* Ludman, J. 12427
Caulfield, H.J. *see* Rhee, U.-S. 3921
Caulfield, T., Benenati, J.A., Acocella, J. Surface mount array interconnections for high I/O MCM-C to card assembles 9262
Caulfield, T., Benenati, J.A., Acocella, J. Cost-effective interconnections for high I/O MCM-C-to-card assemblies 26202
Caulfield, T. *see* Acocella, J. 9266
Caunce, B.R.J. *see* Weller, G.C. 8003
Cauneau, F. *see* Ranchin, T. 22124
Causebrook, J.H. Terrain height and ground cover computer data: an overview 36208
Caussignac, P. *see* Bourgault, Y. 26381
Caussyn, D. *see* Anderson, D.R. 7064
Caussyn, D.D., Ball, M., Brabson, B., Budnick, J., Chao, A.W., Collins, J., Derenchuk, V., Dutt, S., East, G., Ellison, M., Ellison, T., Friesel, D., Gabella, W., Hamilton, B., Huang, H., Jones, W.P., Lee, S.Y., Li, D., Minty, M.G., Nagaitsev, S., Ng, K.Y., Pei, X., Rondeau, G., Sloan, T., Syphers, M., Tepikian, S., Wang, Y., Yan, Y., Zhang, P.L. Longitudinal phase-space measurements at IUCF 38778
Caussyn, D.D., Ball, M., Brabson, B., Collins, J., Curtis, S.A., Derenchuck, V., DuPlantis, D., East, G., Ellison, M., Ellison, T., Friesel, D., Hamilton, B., Jones, W.P., Lamble, W., Lee, S.Y., Li, D., Minty, M.G., Sloan, T., Xu, G., Chao, A.W., Tepikian, S., Ng, K.Y. Experimental beam dynamics at the third integer resonance 7026
Caussyn, D.D. *see* Ellison, M. 38779
Caussyn, D.D. *see* Huang, H. 7044
Caussyn, D.D. *see* Huang, H. 23976
Caussyn, D.D. *see* Lee, S.Y. 7040
Caussyn, D.D. *see* Li, D. 6973
Caussyn, D.D. *see* Phelps, R.A. 38798
Cauterman, M. *see* Bel Hadj Tahar, J. 31394
Cauvin, J.C., Boire, J.Y., Zanca, M., Bonny, J.M., Maublant, J., Veyre, A. 3D modeling in myocardial ^{201}Tl SPECT 15864
Cauzillo, B.A., Nicolini, P., Pelacchi, P. Pilot-line technology construction used for non-conventional tower 16415
Cavaciuti, A. *see* Cinato, P. 46022
Cavagnero, G. *see* Bergamin, A. 14994
Cavagnetto, F., Prati, P., Ariola, V., Corvisiero, P., Marinelli, M., Pilot, A., Taccini, G. A personal dosimeter prototype for static magnetic fields 7503
Cavailles, J.A. *see* Boyd, G.D. 3188
Cavalcanti, E.S.C., Torres, M.S., Ripper, A.P., Kagan, S., Zampa, V. Development of composite fiber-optic overhead ground wires in Brazil 24989
Cavalcanti, J.H.F., Singh Deep, G., Nogueira Lima, A.M. A neural adaptive controller for a DC motor 25457
Cavalcoli, D. *see* Castaldini, A. 10744
Cavalieri, S., Di Stefano, A., Mirabella, O. Neural strategies to handle routing in computer networks 22639
Cavalieri, S., Di Stefano, A., Mirabella, O. Hopfield neural network for routing 30173
Cavalieri, S., Di Stefano, A., Mirabella, O. Acyclic traffic management in Fieldbus scenarios 37484
Cavallari, G. *see* Arnaud, C. 15506
Cavallaro, J.R. *see* Kota, K. 34110
Cavallaro, S. *see* Freni, S. 40458
Cavalli, A.R., Favreau, J.-P., Phalippou, M. Formal methods in conformance testing: results and perspectives 30225
Cavalli, P. *see* Adam, W. 7259
Cavalli, P. *see* Adam, W. 31715
Cavalli, P. *see* Adam, W. 46929
Cavalli, U., Salperwyck, L., Stalder, M., Stalder, F., Pauchard Electricity supply to trolley buses. The currently valid standards should be altered 33120
Cavalli-Sforza, M. *see* Abe, K. 7260
Cavalli-Sforza, M. *see* Abe, K. 15619
Cavalli-Sforza, M. *see* Abe, K. 46930
Cavallini, A., Loggini, M., Montanari, G.C., Morando, A., Superti Furga, G., Tironi, E. Review of harmonic filtering techniques 47341
Cavallini, A. *see* Alietti, M. 31671
Cavallini, A. *see* Castaldini, A. 10744
Cavallo, N. *see* Castellano, M. 6925
Cavalloro, P. *see* Bezzi, G. 33842
Cavallotti, P.L. *see* Bozzini, B. 2828
Cavanaugh, H.A. Information superhighways are under construction at many electric utilities 47406
Cavanaugh, J.R. *see* South, C.R. 4461
Cavasin, D. Lead on chip wirebond process characterization for thermoset vs. thermoplastic die attach tape adhesives 1768
Cavasinni, V. *see* Autiero, D. 15629
Cavasinni, V. *see* Autiero, D. 15630
Cavassilas, J.-F., Xerri, B. A matched filter extension. Application in short signals detection degraded by noise 4609
Cave, M., Martin, I. The costs and benefits of accounting separation: the Australian and British debates [telecommunications markets] 37185
Cavedon, J.M., Aune, B., Bredy, Ph., Chel, S., Desmons, M., Gougnaud, F., Gastebois, J., Gournay, J.F., Jablonka, M., Joly, J.M., Juster, F.P., Klein, E., Leconte, P., Mosnier, A., Phung,

B., Safa, H., Buhler, S., Junquera, T. An accelerator for testing superconducting RF structures 15354
Cavedon, J.M. *see* Antoine, C.Z. 11526
Cavegn, D., Van Rensbergen, J., d'Ydewalle, G. An artificial eye for evaluating videobased eye recording systems 24146
Cavelier, M. *see* Bouchoule, S. 12155
Cavenago, M. Operation of the Legnaro ECR ion source 15589
Cavenago, M. *see* Fortuna, G. 6906
Cavenaile, F. *see* Cougnon, P. 17542
Cavenett, B.C., Prior, K.A., Wang, S.Y. Blue diode lasers and visible optoelectronic devices 12241
Cavenett, B.C. *see* Kawakami, Y. 20853
Cavenor, M. *see* Pickering, M. 36910
Cavenor, M.C. *see* Zhang, X. 5589
Caverly, R.H. Distortion in off-state arsenide MESFET switches 19046
Caverly, R.H., Hiller, G. The temperature dependence of PIN diode attenuators 1406
Caverly, R.H., Hiller, G. Temperature insensitive PIN diode attenuators 19028
Cavers, J.K., Liao, M.W. Adaptive compensation for imbalance and offset losses in direct conversion transceivers 22846
Cavers, J.K., Varaldi, J. Cochannel interference and pilot symbol assisted modulation 22833
Cavers, J.K. *see* Ho, P.K. 4367
Cavestro, L. *see* Giorgetti, A. 48315
Caviglia, F. Optical cable plants and technologies 23002
Cavin, M., Eisenhauer, N., Malocha, D.C. Parameter extraction of SAW resonator equivalent circuit parameters and package parasitics 20116
Cavin, R., Wood, K.L., Crawford, R.H., Ratliff, R., Sumrell, C.C. An optical-artwork inspection method for probe accuracy of ICT fixtures 34399
Cavin, R.K., III *see* Clements, S.M. 42024
Caviris, N.P. *see* Yang, X. 11722
Cavlina, N. *see* Feretic, D. 39820
Cavone, M. *see* Bonati, B. 2521
Cavrot, D.E. Economics of ocean thermal energy conversion (OTEC) 25274
Cavuoti, G. *see* Bruno, L. 25347
Cawley, G.C., Noakes, P.D. LSP speech synthesis using backpropagation networks 13160
Cawley, K. *see* Cheung Lam 32947
Cawley, P. Ultrasonic measurements for the quantitative NDE of adhesive joints—Potential and challenges 9837
Cawley, P. *see* Guo, N. 18331
Cawley, R. *see* Salvino, L.W. 33476
Caymax, M., Baert, K., Poortmans, J., Vandervorst, W. Anomalous low-temperature dopant diffusion from in situ doped polycrystalline and epitaxial Si layers into the monocrystalline Si substrate 42622
Caymax, M. *see* Ohyama, H. 19698
Caymax, M. *see* Poortmans, J. 10681
Caymax, M. *see* Poortmans, J. 11162
Caymax, M.R., Poortmans, J., Van Ammel, A. UHV-VLPCVD heteroepitaxial growth of thin SiGe-layers on Si-substrates: influence of pressure on kinetics and on surface-morphology 18212
Caywood, J.M. *see* Tsujide, T. 34076
Cazabat, M., Davoust, M.E., Lang Tran Tien Modeling for fiber optic sensor design 15049
Cazajous, M. Electromagnetic impulse 36229
Cazaudebat, H. *see* Fouilloux, J.M. 24893
Cazein, P. *see* Brussol, M. 14065
Cazenave, J.-P. Photoimageable thick film materials: an alternative to advanced MCM's technologies 9259
Cazenave, J.-P., Suess, T.R. Fodel, photoimageable materials—a thick film solution for high density multichip modules 17885
Cazzani, S. Optical linear sensors with photodiodes and CCDs 15080
Cazzani, S. Miniaturised DC/DC convertors 18484
Cazzani, S. In-circuit tester with mobile probe 23418
Cazzani, S. Vectorial analysis for digital radios 23461
Cazzani, S. Sensors for measurements of EMT 31163
Cazzani, S. Systems for simulation 33810
Cazzani, S. Quantum effect devices 42819
Cazzani, S. Integrated circuits for radio transmission 45756
Cazzini, S., Pavese, E. Image compression and the MPEG 45124
Ce Wang *see* Phillips, N.J. 12490
Ce Wang *see* Phillips, N.J. 36053
Cease, T.W. *see* Phadke, A.G. 47608
Cebon, D., Ashby, N.F. Materials selection for precision instruments 38374
Cebula, R.P. *see* Hilsenrath, E. 24486
Cebull, P., Hassan, Y.A. Simulation of the SPE-4 small-break loss-of-coolant accident 32594
Cebulla, U. *see* Haisch, H. 12164
Cecca, S.di *see* di Cecca, S.
Ceccarelli, R. *see* Catena, E. 29377
Cecchetti, C. *see* Rizzoli, V. 1536
Cecchetti, C. *see* Rizzoli, V. 10452
Cecchetti, W., Biolo, R., Jori, G. Laser diode coupled with optical fiber for applications in photodynamic therapy 47123
Cecchi, M.M., Zaglia, M.R. Computing the coefficients of a recurrence formula for numerical integration by moments and modified moments 26338
Cecchi, S. *see* Sacchi, G. 43800
Cecchin, T. *see* Brie, D. 23572
Cecchin, T. *see* Dorr, C. 24322
Cecchini, R. *see* Levy, J.S. 7688
Cecconi, V., Miceli, R., Millemaci, S., Mori, M., Serporta, C., Trapanese, M., Vitale, G. A multimedia based teaching laboratory on electric drives 147
Cech, J.M., Burnett, A.F., Chung-Ping Chien Reliability of passivated copper multichip module structures embedded in polyimide 17903
Cech, J.M. *see* Burnett, A.F. 10980
Cecil, G. *see* Aronhime, P. 15165
Cecilia Du, K. *see* O'Sullivan, J.A. 23094
Cederquist, J.N., Rogne, T.J., Schwartz, C.R. Multispectral infrared target detection: phenomenology and modeling 29844
Cederqvist, H. *see* Lindner, J. 47682
Ceelie, L. *see* Adam, W. 7259
Ceelie, L. *see* Adam, W. 31715
Cefai, J. *see* Woias, P. 6608
Cegielski, M., Wilkosz, K. A power system model for pre-estimation topology verification 16153
Ceglio, N.M., Hawryluk, A.M., Sommargren, G.E. Front-end design issues in soft-X-ray projection lithography 27829
Ceglio, N.M. *see* Gaines, D.P. 27822
Ceglio, N.M. *see* Hawryluk, A.M. 27830
Cehuan Wang *see* Wang Cehuan
Cei, M. *see* Bedeschi, F. 38912
Cekan, E. *see* Fallmann, W. 11097
Cekro, Z. Realization of network congestion control in system Energonet-PS1 37443
Celata, C. *see* Hahn, K. 31567
Celata, C.M., Bangerter, R.O., Chupp, W., Eylon, S., Faltens, A., Fawley, W.M., Fessenden, T.J., Fong, C.G., Hahn, K., Henestroza, E., Judd, D.L., Lee, E.P., Peters, C., Reginato, L.L., Seidl, P.A., Yu, S., Barnard, J.J., Chen, Y.-J., Friedman, A., Grote, D.P., Hewett, D.W., Newton, M.A. The ILSE experimental program 31562
Celata, C.M. *see* Fawley, W.M. 31563
Celenk, M. New approach to optimal 3-D object surface matching 4899
Celenk, M. Optimal 3D object surface identification 4984
Celenk, M., Yang Wang Performance evaluation of the networks of workstations for parallel processing applications 45594
Celestino, J. *see* Wade, V. 14034
Celestino, J., Jr. A distributed processing support for an integrated network management 14044
Celidonio, M. *see* Bellifemine, F. 13832
Celii, F.G., Butler, J.E. Diamond chemical vapor deposition 41423
Celii, F.G., Kao, C., Katz, A.J. In situ flux transient monitoring and correction during MBE growth of quantum well structures 26423
Celik, V., Prichodko, A., Raguotis, R., Vengalis, B. High Q-factor superconductor VHF antennae 44597
Celik-Butler, Z. Low-frequency noise measurements as a characterization and testing tool in microelectronics 23866
Celik-Butler, Z. Investigation of low-frequency noise and electromigration failure in multilayered metallizations 27788
Celik-Butler, Z. *see* He, W. 11215
Celik-Butler, Z. *see* Wenmu He 6493
Celikovsky, S. *see* Vanecek, A. 33859
Celler, B.G., Lovell, N.H. Development of an integrated system for data collection and analysis in the cardiovascular and renal physiology laboratory 31823
Celler, G.K. *see* Fang, C.C. 27984
Celler, G.K. *see* Harriott, L.R. 2313
Celler, G.K. *see* Kola, R.R. 11105
Celler, G.K. *see* Mixon, D.A. 27966
Celletti, F. *see* Bocciolini, M. 24082
Celli, V. *see* Ong, T.T. 36145
Cellier, F.E. *see* Weiner, M. 25944
Celotta, R.J. *see* Coakley, K.J. 4000
Celozzi, S., Feliziani, M. FDTD analysis of the interaction between a transient EM field and a lossy shielded cable 44410
Celuch-Marcysiak, M., Gwarek, W.K. A transformed symmetrical condensed node for the effective TLM analysis of guided wave problems 4218
Celuch-Marcysiak, M., Gwarek, W.K. Effective time domain analysis of periodic structures 29221
Celuch-Marcysiak, M., Mroczkowski, C., Gwarek, W. Efficient analysis of dispersive microwave transmission lines by the time-domain finite methods 4210
Cembrola, J. *see* Katz, R.A. 36671
Cemes, R., Ait-Boudaoud, D. Genetic approach to design of multiplierless FIR filters 10311
Cemes, R., Ait-Boudaoud, D. Multiplier-less FIR filter design with power-of-two coefficients 42056
Cemin, A. *see* Giugliano, M. 48206
Cen Wenhui, Dai Wenxiang, Wan Baolin A new reactive power optimization method based on artificial neural networks 24812
Cen Wenhui *see* Wenhui Cen
Cen Yuhua *see* Yuhua Cen
Cenanovic, M., Ng, M., Malkiewicz, T., Lee, J., Morcom, J., Pritchard, D. The improved induction heating technique for calandria tube rolled joint separation 16600
Cencic, S. *see* Lukac, M. 35709
Cencik, P. Subpixel edge location shift 5046
Cenian, A. Relaxation of CO_2 molecules during adiabatic expansion in gas-dynamic laser 20618
Cenian, A., Chernukho, A., Sliwinski, G. Modeling of dissociation process in the MLT-1200 industrial CO_2 laser 11971
Cenian, A., Kukiello, P., Sliwinski, G. Working medium composition and degradation effects on performance of the 1.2 kW CO_2 laser 11974
Centeno, V., de la Ree, J., Phadke, A.G., Michel, G., Murphy, R.J., Burnett, R.O., Jr. Adaptive out-of-step relaying using phasor measurement techniques 7993
Center, R. *see* Boorer, A. 16147
Centola, J.M. *see* Samar, V.J. 7447
Centro, S. Computer-aided design for electronics 26631
Centro, S. A simple way of connecting front-end amplifiers to ionisation chamber detectors 31787
Centro, S., Davis, E., Ping Ni, Pascoli, D., Siliotto, E. Results of second level trigger algorithms using the Blitzen parallel machine 38891
Centurioni, L. *see* Bozzo, R. 33779
Cepin, M., Kozuh, M., Mavko, B., Zunko, P. Engineered safety features actuation system unavailability research for selected initiating events with the use of probabilistic safety methods 47687
Cepin, M. *see* Kozuh, M. 39827
Cepin, M. *see* Susnik, J. 39826
Ceradini, F. *see* Bencze, G.L. 38858
Ceraolo, M., Giglioli, R., Buonarota, A., Menga, P., Scarioni, V. An electric dynamic model of sodium sulfur batteries suitable for power system simulations 48417
Ceraolo, M. *see* Giglioli, R. 48308
Cerboni, A., Brachat, P., Behe, R. Antenna R&D at France Telecom: the CNET Laboratory in La Turbie 36405
Cercone, N. *see* Fass, D. 4522
Cerecedo, M., Matsumoto, T., Imai, H. Non-interactive generation of shared pseudorandom sequences 21566
Cereda, B. *see* Bertin, A. 31795
Ceres, R. Valuation sensors of agricultural products 6404
Ceres, R., Martin, J.M., Calderon, L., Freire Bastos, T., Armada, M. Environment recognition in welding processes by ultrasonic sensors 7656
Ceres, R. *see* Martin Abreu, J.M. 6432
Ceresara, S. *see* Acerbi, E. 15548
Cereseto, R. *see* Adam, W. 7259
Cereseto, R. *see* Adam, W. 31715
Cereseto, R. *see* Adam, W. 46929
Cerezo, L., Merino, A. Re-evaluation of plant systems for uprating of Spain's Cofrentes 47654
Cerf, P.Le *see* Le Cerf, P.
Ceriani, M. *see* Carcano, G. 10497
Cerisier, J.-C. *see* Hanuise, C. 7600
Cerjan, C. X-ray plasma source design simulations 31807
Cerjan, C. *see* Spitzer, R.C. 27991
Cermak, O., Jasenek, J. The principles and application of the photon-counting method in the OTDR 23919
Cernuschi, S. *see* Giugliano, M. 48206
Cernuschi-Frias, B. A generalization of the Bookstein constraint to algebraic surfaces 18066
Cerny, D. *see* Bouvier, A.J. 12001
Cerny, E. *see* Aboulhamid, E.M. 1144
Cerny, S. *see* Kovar, M. 23928
Cernyar, E.W. *see* Van Brunt, R.J. 35108
Cernyar, E.W. *see* Van Brunt, R.J. 35125
Cerofolini, G.F., Bertoni, S., Meda, L., Spaggiari, C. Silicon on thin insulator: prediction of the oxygen fluence required for the formation of a continuous buried oxide 27645
Cerofolini, G.F., Bertoni, S., Meda, L., Spaggiari, C. Formation and stability of continuous buried SiO_2 layers in SIMOX 34610
Cerofolini, G.F., Meda, L., Sparpaglione, M. Substrates: the material bases of microelectronics and nanoelectronics 11279
Cerofolini, G.F. *see* Meda, L. 34615
Cerofolini, G.F. *see* Spaggiari, C. 19459
Cerovsky, Z., Seinsch, H.O. Time dependence and symmetrical properties of rotor-currents of induction machines fed from U-converters with block-waveform 25441
Cerovsky, Z., Seinsch, H.O. Additional rotor I^2R-losses and their spatial distribution in three-phase windings, respectively rotor bars of induction motors fed from six-step U-invertors 48160
Cerquozzi, G. *see* Calantoni, A. 5397
Cerquozzi, G. *see* Calantoni, A. 5908
Cerrato, L., Cutugno, F., Maturi, P. A method for the statistical treatment of vocalic formant values 13006

Cerri, G., De Leo, R., Primiani, V.M. 'Thermic end-fire' interstitial applicator for microwave hyperthermia 24338
Cerri, G., De Leo, R., Primiani, V.M., Schiavoni, A. Investigation of ground plane current distribution 34339
Cerri, G., De Leo, R., Primiani, V.M., Schiavoni, A. Analysis of coupling in multilayer PCB traces in the frequency and time domain 42289
Cerri, G., Mongiardo, M., Rozzi, T. Full-wave equivalent circuit of via-hole grounds in microstrip 27119
Cerrina, F. *see* Calvert, J.M. 2309
Cerrina, F. *see* Calvert, J.M. 11036
Cerrina, F. *see* Di Fabrizio, E. 27925
Cerrina, F. *see* Gentili, M. 27982
Cerrina, F. *see* Gong Chen 27866
Cerrina, F. *see* Guo, J.Z.Y. 2300
Cerrina, F. *see* Guo, J.Z.Y. 27977
Cerrina, F. *see* Krasnoperova, A.A. 11077
Cerrina, F. *see* Krasnoperova, A.A. 27965
Cerrina, F. *see* Krasnoperova, A.A. 31816
Cerrina, F. *see* Laudon, M.F. 27858
Cerrina, F. *see* Liang, S. 34840
Cerrina, F. *see* Ocola, L.E. 27967
Cerrina, F. *see* Pan, S.-W. 27968
Cerrina, F. *see* Reilly, M. 27988
Cerrina, F. *see* Turner, S. 27924
Cerrina, F. *see* Wells, G.M. 27996
Cerruto, E. A fuzzy logic quasi sliding-mode controlled motor drive 17516
Cerullo, G., De Silvestri, S., Laporta, P., Longhi, S., Magni, V., Taccheo, S., Svelto, O. Continuous-wave mode locking of a bulk erbium-ytterbium glass laser 35759
Cerullo, G., De Silvestri, S., Magni, V., Svelto, O. Output power limitations in CW single transverse mode Nd:YAG lasers with a rod of large cross-section 3575
Cerullo, G. *see* Magni, V. 21085
Cerullo, M. *see* Liu, T.M. 20025
Ceruti, M.G., Martin, D.W., Floyd, R.W. Directional guidance method for the blind using time separation pitch discrimination of triple pulse signals 47125
Cerutti, G. *see* Adam, W. 7259
Cerutti, G. *see* Adam, W. 31715
Cerutti, G. *see* Adam, W. 46929
Cerutti, S., Mainardi, L., Bianchi, A., Signorini, M.G., Bertinelli, M. Time-variant autoregressive spectral estimation in acute ischemic episodes 24301
Cerutti, S. *see* Capitanio, L. 39065
Cerutti, S. *see* Porta, A. 36751
Cerutti, S. *see* Signorini, M.G. 39073
Cerva, H., Huber, V., Eckers, W., Mitwalsky, A. Specific preparation procedures for failure analysis of (sub)micron areas in silicon devices 43036
Cerva, H. *see* Kolbesen, B.O. 2002
Cerva, H. *see* Kolbesen, B.O. 19929
Cerva, H. *see* Krost, A. 41292
Cervellera, F., Fortuna, G., Lombardi, A., Parisi, G., Pisent, A., Amendola, G., Vretenar, M., Weiss, M. Design study of the low energy part of the CERN Pb ion injector 15397
Cervellera, F. *see* Amendola, G. 15300
Cervellera, F. *see* Fortuna, G. 6906
Cervelli, F. *see* Bellamy, E.H. 31733
Cervelli, F. *see* Bellamy, E.H. 46956
Cervenak, J. *see* Kempny, M. 14979
Cerveny, R. *see* Novotny, V. 32973
Cervi, L.A. *see* Buoli, C. 26747
Cesare, A.Di *see* Di Cesare, A.
Cesare, G.De *see* De Cesare, G.
Cesari, F.G. *see* Gaudiosi, G. 32805
Cesari, G., Lefevre, P., Vandeplassche, D. Feasibility study of a synchrotron for the European Light Ion Medical Accelerator 7470
Cesari, G. *see* Mandrillon, P. 6909
Cesaroni, F. *see* Allegra, S. 5141
Cescatti, L. *see* Cristoforetti, L. 32004
Ceschini, M. *see* Pavesi, L. 28658
Cesear, T.M., Ku, W.H. The effects of finite switch resistance and finite op-amp bandwidth on first-order ΣΔ modulators with sinusoidal inputs 10032
Cesile, C. *see* Morosanu, C. 31771
Ceskovic, R. *see* Hyben, P. 1388
Cespedes, R.H. *see* Royo, J.A. 7870
Cessna, J. *see* Coursey, B.M. 38854
Cesta, A. *see* Adinolfi, M. 37966
Cetin, A.E., Ansari, R. Signal recovery from wavelet transform maxima 36763
Cetin, A.E., Gerek, O.N., Ulukus, S. Block wavelet transforms for image coding 37016
Cetin, A.E. *see* Alshebeili, S.A. 4721
Cetronio, A. *see* Neviani, A. 11255
Ceuninck, W.De *see* De Ceuninck, W.
Cevallos, E.E., Barbuto, D.M. CD-ROM local area networks (LANs) and the changing face of public services: a view from a university library 37407
Cevenini, F. *see* Aloisio, A. 46997
Cevenini, F. *see* Castellano, M. 6925
Cevik, I.H. *see* Hill, R.J. 8898
Cha, C.C. *see* Mortensen, G.E. 44289
Cha, E. *see* Bogy, D.B. 2820
Cha, I.W. *see* Kwak, B.J. 29693
Cha, M. *see* Lawrence, B.L. 44056
Cha, M. *see* Torruellas, W. 44107
Cha, Y.S., Lanagan, M.T., Gray, K.E., Jankus, V.Z., Fang, Y. Analysis and interpretation of critical current experiments for bismuth-based high-temperature superconductors made by powder-in-tube processing 11522
Cha, Y.S. *see* Seol, S.Y. 11518
Cha Chuansin *see* Chuansin Cha
Cha Yeon Kim *see* Jeong Soo Byun 18149
Cha-Mei Tang Report of the Working Group on far field accelerators 6880
Chaaban, F. *see* Chedid, R. 8281
Chaaban, M. *see* Dang, C. 16418
Chaaraoui, J. *see* Liu, W.D. 17101
Chabal, Y.J. *see* Jakob, P. 27682
Chabal, Y.J. *see* Raghavachari, K. 34715
Chabal, Y.J. *see* Zhen-Hong Zhou 2163
Chaban, E.E. *see* Schuppler, S. 2020
Chaban, V.I. Rapid search for forced periodic modes in circuits containing current conductors 8400
Chaban, V.I. The principles of building chain mathematical models of electrical equipment 40291
Chabanne, H., Norton, G.H. The n-dimensional key equation and a decoding application 44713
Chabdarov, Sh.M., Breydburd, A.I., Giniyatullin, M.M., Rakhimov, R.Kh. Analytic and experimental optimization [photoreceiver signal processing] 36901
Chabdarov, Sh.M., Breydburd, A.I., Rakhimov, R.Kh. The distribution of a photodetector output signal 36900
Chabdarov, Sh.M., Breydburd, A.I., Rakhimov, R.Kh. The distribution of the output oscillation of an avalanche photodetector in the early stage of microplasma breakdown 36902
Chabdarov, Sh.M., Breydburg, A.I., Rakhimov, R.Kh. Group processing of a packet of optical pulses 38003
Chabert, A. What could be a radioactive ion beam facility at GANIL 15582
Chabicovsky, R., Nicolics, J., Musiejovsky, L. Investigation of a laser soldering process for the interconnection of thin film sensors with sputtered multilayer metallizations 6449
Chabot, M. *see* Charpak, G. 31772
Chabrerie, J.P., Devautour, J., Teste, P. A numerical model for thermal processes in an electrode submitted to an arc in air and its experimental verification 1775
Chachondia, A.S. *see* Dubey, B.P. 16508
Chacko, J. *see* Sinha, A.K. 24117
Chacon, M. *see* Prieto, P. 11519
Chadda, A.K. *see* Parsons, J.D. 41310
Chaddha, A.K. *see* Parsons, J.D. 728
Chaddha, N., Meng, T.H.Y. Psycho-visual based distortion measure for monochrome image compression 36840
Chaddha, N. *see* Kumer, U. 2603
Chadha, D. *see* Kumar, R.R. 29259
Chadha, M. *see* Alexander, J.P. 24110
Chadi, D.J. Doping in ZnSe, ZnTe, MgSe, and MgTe wide-band-gap semiconductors 27625
Chadwick, B., Tann, J., Brungs, M., Gal, M. A hydrogen sensor based on the optical generation of surface plasmons in a palladium alloy 31337
Chadwick, D.J. Applications of the global positioning system to intelligent vehicle highway systems 46128
Chadwick, D.J., Moody, J.C., Elnoubi, S.M., Box, F. An approach to transitioning FAA air/ground communications to a digital system 39317
Chadwick, D.J. *see* Eckstein, B. 37863
Chae, G.S. *see* Cho, Y.K. 12742
Chae, G.S. *see* Park, W.K. 9743
Chae, H.I. *see* Kwon, S.S. 42572
Chae, H.I. *see* Lee, J.H. 35101
Chae Hoon Lim, Pil Joong Lee Modified Maurer-Yacobi's scheme and its applications 12957
Chae Seung-Ki *see* Seung-Ki Chae
Chaffanjon, D. *see* Dersen, H. 22749
Chaffaut, G.du *see* du Chaffaut, G.
Chaganty, S.P. *see* Bhatnagar, P.V. 16511
Chagnon, G. *see* Kaufmann, S. 15967
Chahboun, N., El Assali, K., Khiara, A., Ameziane, E.L., Bekkay, T. Growth of $CuAlTe_2$ films by RF sputtering 41424
Chahdi, M. *see* Long, A.R. 28171
Chahdi, M. *see* Long, A.R. 35000
Chahine, S.Abou *see* Abou Chahine, S.
Chai, A., Ghosh, S. Modeling and distributed simulation of a broadband-ISDN network 5591
Chai, B., Lefaucheur, J., Pham, A. Growth of $Nd:GdLiF_4$ single crystals [and lasing performance] 18119
Chai, B., Lefaucheur, J., Pham, A., Castillo, V. Growth of low scattering loss Cr^{3+}:$LiSrAlF_6$ single crystals [and lasing performance] 18121
Chai, B., Lefaucheur, J., Pham, A., Lutts, G., Nicholls, J. Growth of high quality single crystals of KYF_4 by TSSG method [for upconversion laser] 18130
Chai, B., Pham, A., Lutts, G. Growth of high quality single crystal of $KLiYF_5$ by TSSG method [for laser host] 18120
Chai, B. *see* Brede, R. 12039
Chai, B. *see* Danger, T. 3539
Chai, B.H.T. *see* Beaud, P. 3487
Chai, B.H.T. *see* Loutts, G.B. 18122
Chai, B.H.T. *see* Loutts, G.B. 18126
Chai, B.H.T. *see* Nicholls, J.F.H. 18124
Chai, B.H.T. *see* Nicholls, J.F.H. 20730
Chai, B.H.T. *see* Sandrock, T. 35713
Chai, B.H.T. *see* Schmaul, B. 20737
Chai, B.H.T. *see* Zhang, X.X. 20684
Chai, B.H.T. *see* Zhang, X.X. 20729
Chai, B.H.T. *see* Zhang, X.X. 20732
Chai, B.H.T. *see* Zhang, X.X. 20736
Chai, D.T., Hartwick, G.G., Lubchenko, E., Nachem, J. Networked compact disc interactive 6245
Chai, F. *see* Kosier, S.L. 34922
Chai, S. *see* Starzyk, J.A. 22178
Chai, W.P., Gu, Y.S., Li, M., Mai, Z.H., Li, Q.Z., Yuan, L., Pang, S.J. Orientation influence of cubic boron nitride crystal facets on the epitaxial growth of diamond film by microwave plasma chemical vapor deposition 41284
Chai, W.P., Gu, Y.S., Li, M., Mai, Z.H., Li, Q.Z., Yuan, L., Pang, S.J. Epitaxial growth of diamond films on the {221} and {100} surfaces of c-BN with microstructures full of (100) facets 41358
Chai Boon-Ping *see* Boon-Ping Chai
Chai Kam-Wing *see* Kam-Wing Chai
Chai Soh Yeng *see* Yeng Chai Soh
Chai Wah Wu, Chua, L.O. A simple way to synchronize chaotic systems with applications to secure communication systems 45405
Chai Wah Wu *see* Kennedy, M.P. 1247
Chai Yanjie, Zhang Hanyi, Xie Shizhong, Sun Bo, Zhou Bingkun Wide-band tuning property of external cavity semiconductor laser 28909
Chai Yanjie *see* Yanjie Chai
Chai-Erh Chen *see* Chen Chai-Erh
Chai-Wei Hao *see* Jia-Shyong Cheng 6704
Chaihong Xia *see* Xia Chaihong
Chaika, A.N. *see* Cherkasov, J.A. 36056
Chaika, A.N. *see* Vladimirov, F.L. 3223
Chaika, G.E. *see* Kunakh, N.I. 36315
Chaiken, D. *see* Agarwal, A. 18772
Chaikina, E.I. *see* Bagraev, N.T. 19502
Chaikina, E.I. *see* Novikov, E.B. 34734
Chain-Shu Hsu *see* Wu, S.-T. 3218
Chainey, W.E., Block, W.R. Recent advances in master station architecture 47416
Chaing Chua Kee *see* Kee Chaing Chua
Chaix, C. *see* Knigge, S. 3802
Chaix, P., Iracane, D., Benoist, C. Stochastic electronic motion and high-efficiency free-electron lasers 20925
Chaix, P., Iracane, D., Desrayaud, F. The two frequency wiggler: efficiency enhancement and sideband inhibition 43992
Chaix, P. *see* Iracane, D. 43961
Chaix, P. *see* Iracane, D. 43962
Chaix, P. *see* Iracane, D. 43993
Chaiyakul, V. *see* Kurdahi, F.J. 19965
Chaiyakul, V. *see* Ramachandran, C. 26870
Chaiyasena, A.P., Sibul, L.H., Banyaga, A. Wavelet transforms, wideband ambiguity functions and group theory 29706
Chak-Joo Lee *see* Chong Siew Tan 14787
Chakalov, R.A. *see* Vendik, O.G. 35290
Chakarvarti, S.K., Vetter, J. Microfabrication of metal-semiconductor heterostructures and tubules using nuclear track filters 18238
Chaker, M. *see* El Khakani, M.A. 27981
Chaker, M. *see* Haghiri-Gosnet, A.M. 28214
Chaki, S., Saito, H., Miyake, K. Reactive congestion control for high speed-data communication ATM networks 22425
Chaki, S. *see* Nakahara, K. 1595
Chaki, S. *see* Takahashi, T. 22458
Chakne, S. *see* Radhakrishnan, S. 34551
Chakoumakos, B.C. *see* McCamy, J.W. 753
Chakrabarti, A. *see* Mukhopadhyay, A.K. 39532
Chakrabarti, C. Sorting network based architectures for median filters 27076
Chakrabarti, D., Narasimhan, S., Ram, K.S. Detection of an SBI.OCA in an Indian PHWR using a GLR method 32596
Chakrabarti, I., Sarkar, D. Mechanical identification of inductive properties during verification of finite state machines 41843
Chakrabarti, N.B. *see* Hari Rama Krishna, G. 42885
Chakrabarti, P., Chandra, A., Gupta, V., Shah, H.S., Ravi Kumar, Y. Optically controlled characteristics of an ion-implanted hetero-MIS capacitor 35573
Chakrabarti, P.P. *see* Dasgupta, P. 43079
Chakrabarti, P.P. *see* Rama Mohan, C. 41840
Chakrabarti, S., Chakravorty, J. Theoretical study for the optimum intensity and diffraction efficiency response for echelle reflection grating in the microwave region 44338
Chakrabarti, S., Demarest, K.R., Miller, E.K. An extended frequency-domain Prony's method for transfer function parameter estimation 12544
Chakrabarti, S. *see* Maskara, S.L. 30598
Chakrabarti, S. *see* Mitra, S.K. 13456
Chakrabarti, S. *see* Moradi, H. 40834
Chakrabarti, U.K. *see* Feingold, A. 836
Chakrabarti, U.K. *see* Lothian, J.R. 42790
Chakrabarti, U.K. *see* Pearton, S.J. 2581
Chakrabarti, U.K. *see* Pearton, S.J. 27540
Chakrabarti, U.K. *see* Pearton, S.J. 42738
Chakrabarti, U.K. *see* Pearton, S.J. 42835

Chakrabarti, U.K. *see* Pearton, S.J. 43023
Chakrabarty, S.B. *see* Das, B.N. 29229
Chakrabarty, S.B. *see* Das, B.N. 44226
Chakraborti, A., Mukhopadhyay, A.K., Basu, D.K. A microprocessor-based overvoltage protection scheme of the capacitor in a series compensated EHV transmission line 25036
Chakraborty, A. *see* Maiti, H.S. 17266
Chakraborty, C., Bhadra, S.N., Chattopadhyay, A.K., Biswas, S.K. Digital computation of harmonic torques in an induction motor fed from a static 1-phase to 3-phase converter 40155
Chakraborty, G., Gaikwad, A.J., Venkat Raj, V. NPP dynamics—computer aided modelling and analysis 16620
Chakraborty, M., Prasad, S. Computation of a useful Cramer-Rao bound for multichannel ARMA parameter estimation 45013
Chakraborty, R.N., Yaprak, E. Improved reconfiguration algorithm for the dual ring network by token reversal 14206
Chakraborty, R.N., Yaprak, E., Anneberg, L. Reliability enhancement by the reversal of a token for a basic token ring in the case of a single component failure 30407
Chakraborty, S. *see* Nandi, S. 33968
Chakraborty, U.K., Dastidar, D.G. Bit-string optimization in a brachytherapy dosimetry problem 31966
Chakraborty, U.K., Dastidar, D.G., Roy, M.K. A reliability analysis of schema processing in genetic algorithms 26324
Chakradhar, S.T., Agrawal, V.D., Bushnell, M.L. Energy minimization and design for testability [combinational circuits] 41777
Chakradhar, S.T., Agrawal, V.D., Rothweiler, S.G. A transitive closure algorithm for test generation 1132
Chakradhar, S.T., Banerjee, S., Roy, R.K., Pradhan, D.K. Synthesis of initializable asynchronous circuits 41842
Chakradhar, S.T. *see* Kanjilal, S. 41818
Chakravarthi, P.R., Weiner, D.D., Ozturk, A. Performance of the locally optimum detector in a correlated non-Gaussian disturbance 23109
Chakravarthi, P.R., Weiner, D.D., Slamani, M. Performance of the locally optimum detector in a correlated K-distributed disturbance 23126
Chakravarthy, S.K., Vasu, E., Nayar, C.V. An analytical tool for studying transformer inrush current 8475
Chakravarthy, S.V. *see* Ghosh, J. 30925
Chakravarthy, S.V. *see* Ghosh, J. 30932
Chakravartty, S.C. MHD combustion characteristics of high ash Indian coals and their economical utilisation 25745
Chakravarty, D.P. *see* Satyamurthy, P. 25749
Chakravarty, I. *see* Damle, S.H. 30907
Chakravarty, S., Suresh, S. I_{DDQ} measurement based diagnosis of bridging faults in full scan circuits 41823
Chakravarty, S.K. Aids to E-10B system 5658
Chakravorti, T. *see* Mukhopadhyay, B. 39603
Chakravorty, J. *see* Chakrabarti, S. 44338
Chakravorty, S. *see* Prasad, M. 47493
Chakroun, N., Fink, M., Wu, F. Ultrasonic nondestructive testing with time reversal mirrors 9843
Chakrovun, N. *see* Cassereau, D. 13196
Chalasani, S., Varma, A. Parallel algorithms for time-slot assignment in TDM switching systems 22317
Chalasinska-Macukow, K. *see* Campos, J. 12413
Chalasinska-Macukow, K. *see* Campos, J. 36943
Chaldyshev, V.V. *see* Ber, B.Ya. 33624
Chaley, A.V. *see* Agishev, I.N. 3843
Chaley, A.V. *see* Ivanova, N.A. 3798
Chalfant, C.H. *see* Coward, J.F. 44622
Chalfant, R.E. MPEG-II with B Frames: video compression standard for the decades to come 38325
Chalker, P.R. Wide band-gap semiconductor: how good is diamond? 42394
Challapali, K. *see* Coppisetti, N. 38288
Challenor, P. *see* Topliss, B.J. 24512
Challipoyil, P. *see* Kelsey, S. 33001
Challis, R.E. *see* Freemantle, R.J. 15258
Challis, R.E. *see* Wilkinson, G.P. 46316
Chalmers, B.J. *see* Dostal, Z. 8279
Chalmers, B.J. *see* El-Attar, M.M.K. 40146
Chalmers, B.J. *see* Hamed, S.A. 8807
Chalmers, B.J. *see* Spooner, E. 8445
Chalmers, I.D. *see* Latham, R.V. 28296
Chalmers, J.D. *see* Uttamchandani, D. 46479
Chalmers, S.A., Killeen, K.P. Real-time control of molecular beam epitaxy by optical-based flux monitoring 9607
Chalmers, S.A. *see* Bo Lu 45734
Chalmers, S.A. *see* Lear, K.L. 20800
Chalmers, S.A. *see* Lear, K.S. 28814
Chalmers, S.A. *see* Zhou, P. 20570
Chaloupka, H. On the frequency bandwidth of functionally small antennas 4258
Chaloupka, H. Superconducting multiport antenna arrays 4318
Chaloupka, H. *see* Patzelt, T. 1500
Chaloupka, A. *see* Loschner, H. 27920
Chaly, V.P., Etinberg, M.I., Fokin, G.A., Karpov, S.Yu., Myachin, V., Ostrovsky, A.Yu., Pogorelsky, Yu.V., Rusanovich, I.Yu., Sokolov, A., Shcurko, A.P., Strugov, N.A., Ter-Martirosyan, A.L. A degradation rate study of MBE-grown high-power AlGaAs laser diodes 43877
Cham, W.-k. *see* Choy, C.-s. 18770
Cham, W.-K. *see* Lo, K.-T. 4799
Cham, Y.T. *see* Oruganti, R. 8518
Cham Wai-Kuen *see* Wai-Kuen Cham
Chamagne, D., Taibi, A., Kauffmann, J.M. Identification of a special self-drive synchronous motor 8323
Chamarro, M. *see* Grosman, A. 34770
Chamarro, M. *see* Morazzani, V. 34771
Chambaudet, A. *see* Membrey, F. 38906
Chamberlain, J.M. *see* Millington, G. 27209
Chamberland, M. *see* Beaulieu, C. 1565
Chamberlin, G.R. *see* McCartney, D.J. 23352
Chamberlin, J.H. *see* Gellings, C.W. 17656
Chamberlin, K., Gordon, L., Archambeault, B. FDTD modeling of the resonance characteristics of realistic enclosures 41223
Chamberlin, R.A., Bally, J. 225-GHz atmospheric opacity of the South Pole sky derived from continual radiometric measurements of the sky-brightness temperature 44359
Chambers, B., Mahalingam, M., Hause, V., Latiolais, P. Evaluation of a multi-chip module (MCM) thermal design tool—a three-chip MCM thermal mock-up as a case study 313
Chambers, B., Mahalingam, M., Hause, V., Latiolais, P. Evaluation of a multichip module (MCM) thermal design tool: a three-chip MCM thermal mock-up as a case study 9250
Chambers, C. *see* Tripp, V. 44565
Chambers, D. *see* Newdome, T.P. 32249
Chambers, J. Time via modem 45419
Chambers, P.M. *see* Rovnak, J.A. 32700
Chambers, R.E. *see* Reed, M.J. 47229
Chambers, W.G., Peile, R.E., Tsie, K.Y., Zein, N. Algorithm for solving the Welch-Berlekamp key-equation, with a simplified proof 4435
Chambon, B. *see* Benchekroun, D. 7218
Chambouleyron, I. *see* Graeff, C.F.O. 35557
Chaminade, B. *see* Campet, G. 27489
Chamonal, J.P. *see* Destefanis, G. 11132
Chamorel, P.-A. *see* Razanamampandry, J. 24837
Chamouard, P., Lagniel, J. Ideas for an upgrade of Saturne 2 6944
Champ, P. Reverse engineering in industrial applications using laser stripe triangulation 44183
Champac, V.H., Rubio, A., Figueras, J. Electrical model of the floating gate defect in CMOS ICs: implications on I_{DDQ} testing 35080
Champagne, A. *see* Reid, B. 20572
Champagne, R. *see* Grondin, R. 24697
Champagne, Y., Pare, C., Belanger, P.-A. Method for direct measurement of the variance of laser beams 44042
Champagnon, B. *see* Othmani, A. 632
Champenari, R. *see* Roy, A. 9339
Champigny, B. *see* Lemaire, R. 48281
Champigny, F. *see* Gagnor, A. 39854
Champigny, N.E. *see* Goldstein, D.H. 32168
Champion, G., Chauvel, L. EdF installs N-13 leak monitoring 8108
Champion, G. *see* Pakulski, G. 34871
Champion, H.G. *see* Templeton, I.M. 27748
Champion, J.V., Dodd, S.J., Stevens, G.C. An examination of the effect of mechanical stress on electrical breakdown in synthetic resin insulators 20037
Champion, J.V., Dodd, S.J., Stevens, G.C. Long-term light emission measurement and imaging during the early stages of electrical breakdown in epoxy resin 35118
Champion, T.C., Agostinelli, F.M., Rosevear, R.D. Short term and long term testing programme on 230 kV XLPE cable system 16356
Champness, C.H., Chan, C.H. Influence of certain defects on the behaviour of photovoltaic cells 28644
Chamrad, R., Lesak, J. The vectorial pulse modulation in the frequency converters 8512
Chan, A. *see* Horowitz, M. 33939
Chan, A.H. *see* Blakley, B. 21543
Chan, A.K. *see* Liu, Q. 22112
Chan, A.L.S. *see* Lam, J.C. 9004
Chan, A.L.S. *see* Lam, J.C. 9005
Chan, A.Y. *see* Kharadly, M.M.Z. 31396
Chan, C., Tat-Chung Chan A controlled study of the suitability and limitations of static modeling of speech 29542
Chan, C., Wong, P.-k. A branch and bound decision tree Bayes classifier for robust multi-font printed Chinese character recognition 29906
Chan, C. *see* Qin, S. 2021
Chan, C.C. An overview of electric vehicle technology 17522
Chan, C.C., Chau, K.T. Time-domain simulation of Class-E DC/DC converters by using finite element method 8541
Chan, C.C., Chau, K.T. Electric vehicle technology—an overview of present status and future trends 48186
Chan, C.C., Jiang, J.Z., Chen, G.H., Chau, K.-T. Computer simulation and analysis of a new polyphase multipole motor drive 25861
Chan, C.C., Jiang, J.Z., Chen, G.H., Wang, X.Y., Chau, K.T. A novel high power density permanent magnet motor drive for electric vehicles 48276
Chan, C.C., Tzang, A., Chu, K.C. Energy saving and carbon dioxide emission reduction by electric vehicles in the USA and Hong Kong 48203
Chan, C.F. Vector quantisation of thinned filter coefficients for low-bit-rate speech coding 4577
Chan, C.F., Lau, W.H., Chui, S.P., Hui, F.L. Improving VSELP coding using truncated perceptual weighting filter and in-loop quantization 4572
Chan, C.F. *see* Choy, C.S. 19964
Chan, C.F. *see* Kwan, J.W. 38828
Chan, C.F. *see* Law, K.W. 4469
Chan, C.F. *see* Young, A.T. 46820
Chan, C.H., Elson, J.T. A vertex-based finite-volume time-domain method for analyzing waveguide discontinuities 21326
Chan, C.H., Li, L., Tsang, L. A banded matrix iterative approach to Monte Carlo simulations of large-scale random rough surface scattering: penetrable case 44297
Chan, C.H. *see* Bowers, R.F. 21230
Chan, C.H. *see* Bushbeck, M.D. 4250
Chan, C.H. *see* Champness, C.H. 28644
Chan, C.H. *see* Kipp, R. 1641
Chan, C.H. *see* Kipp, R. 21317
Chan, C.H. *see* Li, L. 44282
Chan, C.H. *see* Tsang, L. 44296
Chan, C.L., Brailean, J.C., Katsaggelos, A.K., Sahakian, A.V. Maximum a posteriori displacement field estimation in quantum-limited image sequences 29955
Chan, C.L., Katsaggelos, A.K., Sahakian, A.V. Recursive locally linear MMSE motion-compensated image sequence filtering under quantum-limited conditions 31842
Chan, C.W. A remote computer based surveillance and control system for telecommunication equipment 30367
Chan, C.W., Sim, S.L. An intelligent surveillance and control system for remote telecommunication equipment 5435
Chan, C.Y. *see* Chong, C.C. 8800
Chan, C.Y. *see* Chong, C.C. 17472
Chan, C.Y. *see* Chong, C.C. 17509
Chan, D., Chow, Q., Davis, L., Marshman, G. Going the extra mile in the access network 14321
Chan, D. *see* Jain, V. 18652
Chan, D. *see* Li, X. 34972
Chan, D.S.H. *see* Chim, W.K. 43034
Chan, D.S.H. *see* Ong, V.K.S. 23873
Chan, D.S.H. *see* Sim, K.S. 43051
Chan, D.S.K., Harrison, D.D., Langan, D.A. Tracking in a high clutter environment: simulation results characterizing a bi-level MHT algorithm 29639
Chan, E. An object-oriented network model for the development of integrated network management systems 45445
Chan, E., Panchanathan, S. Motion estimation architecture for video compression 6204
Chan, E. *see* Ng, J.M. 45643
Chan, E.K. *see* Teo, C.Y. 32394
Chan, E.K.Y. Autoregressive estimation of closely-spaced spectra in the late potential region of the signal-averaged electrocardiogram as a function of segment width and ST slope 15857
Chan, G.K., Bartlett, S. Identification of land mobile denied spectrum due to b6250Gq radio interference 45783
Chan, H., Wong, W.C., Ko, C.C. Low-delay hybrid vector excitation linear predictive speech coding 21647
Chan, J., Fu, T., Cheung, N.W., Ross, J., Newman, N., Rubin, M. Comparison of AlN films grown by RF magnetron sputtering and ion-assisted molecular beam epitaxy 27480
Chan, J. *see* Bezille, J. 47510
Chan, J.-K., Shaw, L. Modeling repairable systems with failure rates that depend on age and maintenance 40882
Chan, J.C., Shien-Tai Pan, Wong, D.F. On the study of generic cyclic redundancy code 44666
Chan, J.S. *see* Hughes, B.M. 47500
Chan, J.S. *see* Hughes, M.B. 24727
Chan, J.S. *see* Rubin, M. 18170
Chan, K. *see* Bateman, A. 23273
Chan, K. *see* Kurpanek, G. 41918
Chan, K.-K. *see* Hsu, F. 29400
Chan, K.C., Liu, H.F. Effects of third-order dispersion and fibre loss on soliton-effect pulse compression in dispersion-shifted fibres 35393
Chan, K.C.D. *see* Nguyen, D.C. 43972
Chan, K.C.D. *see* Sheffield, R.L. 44008
Chan, K.K., Amaratunga, G.A.J., Shafi, Z.A., Ashburn, P., Wong, S.P. Bipolar transistor action from an amorphous carbon/silicon heterojunction emitter 11164
Chan, K.K. *see* Lo, K.W. 29401
Chan, K.K. *see* Zaslavsky, A. 43028
Chan, K.W., Chou, C.K. Use of thermocouples in the intense fields of ferromagnetic implant hyperthermia 7466
Chan, K.W., Daniels, A.R., Dunn, R.W. Real-time animation for education and training 47369
Chan, L.K.M. *see* Surguy, P.W.H. 23784
Chan, M., Assaderaghi, F., Parke, S.A., Hu, C., Ko, P.K. Recessed-channel structure for

fabricating ultrathin SOI MOSFET with low series resistance 42942
Chan, M.L. *see* Nickel, J.R. 7763
Chan, N. *see* Dagen, A.J. 37808
Chan, P.K., Schlag, M.D.F. Architectural trade-offs in field-programmable-device-based computing systems 33966
Chan, P.K. *see* Schlag, M. 26893
Chan, P.K. *see* Wilson, G. 2666
Chan, R.C. *see* Bryhan, A.J. 7555
Chan, R.H., Ng, K.-P. Fast iterative solvers for Toeplitz-plus-band systems 579
Chan, R.H., Tang, P.T.P. Fast band-Toeplitz preconditioners for Hermitian Toeplitz systems 41163
Chan, R.H. *see* Ng, M.K. 44809
Chan, R.P.K. *see* Zhu Ben-ren 9463
Chan, S. Fast reactive congestion control for ATM networks 37098
Chan, S. *see* Alexander, J.P. 24110
Chan, S. *see* Alexander, J.P. 46860
Chan, S. *see* Kobayashi, K.W. 2890
Chan, S.C., Lai, K.T., Kok, C.W., Ho, K.L. A hybrid coder using the wavelet transform 14849
Chan, S.C., Wong, Y.K., Ho, K.L. Software implementation of 2D FFT on DSP 96002 digital signal processor 26991
Chan, S.C. *see* Kok, C.W. 13659
Chan, S.H. *see* Feng, M.S. 715
Chan, S.K. *see* Ryan, J.L. 16588
Chan, T. Distributed automatic test pattern generation 18561
Chan, T. Design verification for large ASIC's 26914
Chan, T.F. Determination of the torque-speed characteristic of an induction motor using a curve-fitting technique 8354
Chan, T.F. *see* Bank, R.E. 26341
Chan, T.K., Morcos, M.M. Use of IGBT-gated GTO-cascode switches in resonant converters 17050
Chan, T.W., Teo, C.Y., Wong, K.H., Peh, B.C. Reviving the conventional induction kWh meter into an intelligent meter 6677
Chan, V. *see* Korevaar, E. 6046
Chan, V.-H., Kim, J.S., Chung, J.E. Parameter extraction guidelines for hot-electron reliability simulation 35012
Chan, V.W.S. *see* Alexander, S.B. 6055
Chan, W. *see* Chung, F.-L. 4431
Chan, W. *see* Yu, L. 44075
Chan, W.-k. *see* Choy, C.-s. 26987
Chan, W.-Y., Gersho, A. A generalized product-code model for structured vector quantization of audio and visual signals 12938
Chan, W.-Y., Gersho, A., Soong, S.-W. Joint codebook design for summation product-code vector quantizers 4383
Chan, W.C. Modelling of data networks 22538
Chan, W.K. *see* Ramesh, R. 11372
Chan, W.L. *see* Ho, S.L. 8386
Chan, W.L. *see* So, A.T.P. 8258
Chan, W.L. *see* So, A.T.P. 14834
Chan, W.L. *see* So, A.T.P. 16176
Chan, W.L. *see* So, A.T.P. 25370
Chan, W.S. *see* Allan, J. 8931
Chan, W.S. *see* Shah, D.K. 2717
Chan, W.S. *see* Shah, D.K. 28329
Chan, W.W. *see* Yuen, K.S.Y. 36974
Chan, W.Y. *see* Quader, K.N. 18904
Chan, W.Y. *see* Tu, R.H. 17956
Chan, Y.-J., Yang, M.-T. Enhancement and depletion-mode AlGaAs-$In_{0.15}Ga_{0.85}As$ HEMTs fabricated by selective ion implantation 19892
Chan, Y.C., Lowery, A.J. Deterministic spectrum simulation using the transmission line laser model 28843
Chan, Y.C., Lowery, A.J. Deterministic spectrum simulation using the transmission line laser model 35853
Chan, Y.C., Yeung, F., Mok, T.S. Failure analysis of miniaturized multilayer ceramic capacitors in surface mount printed circuit board assemblies 27325
Chan, Y.D. *see* Gu, T. 42973
Chan, Y.D. *see* Mikulan, P.I. 34865
Chan, Y.T. *see* Ho, K.C. 22933
Chan Cheung-Fat *see* Cheung-Fat Chan
Chan Chi Hou *see* Chi Hou Chan
Chan Chok-Ki *see* Chok-Ki Chan
Chan Chorkin *see* Chorkin Chan
Chan Chun Fai *see* Chun Fai Chan
Chan Chung *see* Chung Chan
Chan Gaik Tatt, Arichandran, K. Study on solder paste statistical process control (SPC) using vision inspection 9336
Chan Ha Hyoung *see* Hyoung Chan Ha
Chan Hee Hong *see* Byung Chul Ahn 9794
Chan Hun Park *see* Usami, K. 28408
Chan Il Jung *see* Byoung Goo Min 31981
Chan Kai Choong *see* Kai Choong Chan
Chan Kim Hee *see* Hee Chan Kim
Chan Kit-Man *see* Kit-Man Chan
Chan Kwan-dick *see* Kwan-dick Chan
Chan Sai Piu *see* Lee Chong Yee 9239
Chan Shing-Chow *see* Shing-Chow Chan
Chan Siu-Wai *see* Siu-Wai Chan
Chan Sze Keong *see* Sze Keong Chan
Chan Tat-Chung *see* Tat-Chung Chan
Chan Toong Shoon *see* Toong Shoon Chan
Chan Tu *see* Mar, A. 43914
Chan Wei-Wei *see* Wei-Wei Chan
Chan Woo Lee *see* Byung Chul Ahn 28148
Chan Yuk-Hee *see* Yuk-Hee Chan
Chan-Hoon Park, Kobayashi, T., Goto, T. Properties of bridge-type weak-link device with YBCO thin film 43349
Chan-Ik Park, Yun-Bo Park An efficient algorithm for VLSI network partitioning problem using a cost function with balancing factor 28230
Chana, S.S., Turner, C.W. Design of low VSWR axisymmetric subreflector 12788
Chance, B. *see* Gratton, E. 15700
Chand, A. *see* Bhattacharyya, A.B. 28183
Chand, N. LWIP: a long-wavelength infra-red phototransistor 3327
Chand, N., Dutta, N.K., Chu, S.N.G., Syrbu, A., Mereutza, A., Yakovlev, V. Formation of AlGaAs/InGaAs buried heterostructure laser diodes with high quality lateral confinement interfaces 43820
Chand, N., Joshi, S.K. Temperature dependence of dielectric behaviour of sisal fibre 35097
Chand, N., Karlicek, R.F., Jr., Chen, C., Bhattacharya, P.K., Adesida, I., Wie, C.R. InGaAs technology 18204
Chand, N. *see* Banerjee, S. 20906
Chand, N. *see* Banerjee, S. 20917
Chand, N. *see* Lopata, J. 12127
Chanda, B. *see* Saha, P.K. 45101
Chandan, H.C., Petisce, J.R., Shea, J.W., Taylor, C.R., Blyler, L.L., Inniss, D., Shepherd, L. Fiber protective coating design for evolving telecommunication applications 5914
Chander, T.P. *see* Singh, C. 16204
Chander, V. *see* Agarwal, R.C. 14724
Chander Mahesh *see* Mahesh Chander
Chandler, A., Gidney, E., McFarlane, G. Computer supported collaborative work for film preproduction 38349
Chandler, C. *see* Riggs, L.S. 44521
Chandler, J. Step up to servos 32885
Chandler, M.J. *see* Hedley, R.P.L. 47138
Chandler, P.J. *see* James, S.W. 3830
Chandler, S. Using Green's functions to improve conjugate gradient convergence for the semi-conductor equations 19318
Chandler, S.A.G., Ni, J., Braithwaite, S. Analysis and simulation of a distributed rural radiotelephone network 14412
Chandler, S.A.G. *see* Christodoulides, L.M. 30192
Chandler, S.A.G. *see* Jian Ni 22895
Chandler, S.R., Hunter, I.C., Gardiner, J.G. Active varactor tunable microwave filters 27146
Chandna, A. *see* Brown, R.B. 11322
Chandonnet, A., Larose, G. High-power *Q*-switched erbium fiber laser using an all-fiber intensity modulator 3572
Chandorkar, A.N. *see* Kolluri, S.V. 2030
Chandorkar, A.N. *see* Mallik, A. 34632
Chandorkar, M.C., Divan, D.M., Lasseter, R.H. Control techniques for dual current source GTO inverters 16965
Chandra, A., Bhadoria, B.S., Singh, U.K., Varma, S.S. Indian MHD retrofit channel: proposed design and power output predictions 25777
Chandra, A., Dessaint, L.-A., Saad, M., Al-Haddad, K., Hebert, B. An adaptive pole shifting algorithm for reference tracking and its application to a DC drive 17510
Chandra, A., Singh, A.K. Charged particle density measurements in combustion plasma 25810
Chandra, A., Singh, U.K. Economical analysis for the combination of seed materials for open-cycle MHD plants 25310
Chandra, A., Singh, U.K. Analysis of dust laden coal combustion products for Indian MHD power plant 25327
Chandra, A. *see* Chakrabarti, P. 35573
Chandra, A. *see* Singh, B. 8607
Chandra, A. *see* Singh, U.K. 25311
Chandra, A.K. *see* Bhargava, R. 8075
Chandra, A.K. *see* Bhargava, R. 16536
Chandra, A.K. *see* Biswas, B.B. 8073
Chandra, A.K. *see* Deshpande, S.V. 16506
Chandra, A.K. *see* Dubey, B.P. 16508
Chandra, A.K. *see* Ganesh, G. 16556
Chandra, A.K. *see* Khandekar, A.B. 16534
Chandra, D., Goodwin, M.W., Chen, M.C., Dodge, J.A. Influence of Hg pressure on diffusion coefficient of As in HgCdTe 10789
Chandra, D. *see* Kundu, P. 15061
Chandra, D.V.S. Fast registration of multispectral images using orthogonal transform features 21982
Chandra, I. *see* Naik, A.A. 19511
Chandra, M.C., Parthasarathy, C.R. Assessment of mutual resistances of localizer and glide slope antenna constellations 29394
Chandra, R. *see* Sodha, M.S. 8244
Chandra, S. *see* Bhattacharyya, A.B. 28183
Chandra, S. *see* Sreepathi Rao, S. 48047
Chandra, S. *see* Srivastava, P.C. 28080
Chandra, U. *see* Ahmad, S.N. 8114
Chandra, U. *see* Kumar, V. 8117
Chandra, U. *see* Pithawa, C.K. 8115
Chandra, V., Bajpai, R.C. ESM data processing parametric deinterleaving approach 30910
Chandra Mouly, M.C., Sri Lakshmi, K., Subbaiah, P.V., Ramana Rao, M.V. Microprocessor based spinal cord stimulator 47111
Chandrachood, M. *see* Majumdar, A. 40904
Chandrakasan, A. *see* Brodersen, R.W. 38201
Chandrakasan, A.P., Potkonjak, M., Rabaey, J., Brodersen, R.W. HYPER-LP: a system for power minimization using architectural transformations 28271
Chandrakasan, A.P., Srivastava, M.B., Brodersen, R.W. Energy efficient programmable computation 41947
Chandramouli, V., Maziar, C.M., Campbell, J.C. Monte Carlo simulation of the effect of multiplication layer thickness in wide-bandwidth avalanche photodiodes 20539
Chandran, V., Elgar, S. A general procedure for the derivation of principal domains of higher-order spectra 36772
Chandran, V. *see* Elgar, S. 26640
Chandrasekar, V., Gorgucci, E., Scarchilli, G. Optimization of multiparameter radar estimates of rainfall 7601
Chandrasekar, V., Keeler, R.J. Antenna pattern analysis and measurements for multiparameter radars 39377
Chandrasekar, V. *see* Scarchilli, G. 16000
Chandrasekar, V. *see* Zrnic, D.S. 15995
Chandrasekaran, A. *see* Mishra, A.K. 47347
Chandrasekaran, A. *see* Noureddine, A.H. 24859
Chandrasekhar, K. *see* Swamy, N.V.C. 25286
Chandrasekhar, S., Lunardi, L.M., Gnauck, A.H., Hamm, R.A., Qua, G.J. High-speed monolithic p-i-n/HBT and HPT/HBT photoreceivers implemented with simple phototransistor structure 43639
Chandrasekhar, S., Lunardi, L.M., Gnauck, A.H., Qua, G.J., Hamm, R.A. High-speed monolithic p-i-n HBT and HPT/HBT photoreceivers implemented with simple phototransistor structure 35623
Chandrasekhar, S. *see* Ruth, J. 3211
Chandrasekharaiah, H.S. *see* Jayakrishna, R. 24774
Chandrasekharaiah, H.S. *see* Lai, L.L. 16291
Chandrasekharaiah, H.S. *see* Narendra, K.G. 16123
Chandrasekharaiah, H.S. *see* Narendra, K.G. 32191
Chandrasekharaiah, H.S. *see* Rajasekharaiah, S. 8603
Chandrasekharaiah, H.S. *see* Subrahmanya, S.V. 32244
Chandrasekharaiah, H.S. *see* Swarup, K.S. 47600
Chandrasekharam, R., Subhramanian, S., Chaudhury, S. Genetic algorithm for node partitioning problem and applications in VLSI design 9887
Chandrashekhara, K., Agarwal, A.N. Active vibration control of laminated composite plates using piezoelectric devices: a finite element approach 11399
Chandrashekhara, K., Agarwal, A.N. Dynamic modeling of piezoelectric laminated plates using finite element method 28331
Chandreasekharaigh, H.S. *see* Dash, P.K. 32359
Chandu, S.V.L. *see* Grandhi, R.V. 24384
Chandwani, M. *see* Mishra, D.K. 38709
Chanel, M. *see* Asseo, E. 15383
Chanel, M. *see* Bosser, J. 7067
Chaney, R. *see* Abbott, B. 7245
Chaney, R. *see* Abbott, B. 31776
Chaney, R.C. *see* Anderson, J.A. 24244
Chaney, R.C. *see* Nelson, G.S. 24245
Chaney, R.C. *see* Prior, J.O. 24074
Chaney, R.D. Computation of the medial axis skeleton at multiple complexities 30037
Chanfray, G. *see* Malek, F. 38936
Chang, A.-M., Bailey, A.D., Jr., Whinston, A.B. Multi-auditor cooperation: a model of distributed reasoning 17771
Chang, A.P. *see* Niclas, K.B. 1667
Chang, A.T.C. *see* Davis, D.T. 24505
Chang, B.K., Ahmed, N. Vector space approach for measurement of random errors in a linear array 21745
Chang, C., Chatterjee, S. Quantization error analysis in stereo vision 29816
Chang, C. *see* Kuan, C.H. 23636
Chang, C. *see* Tang, Y. 35004
Chang, C.-C., Sirkis, J. Metal coated optical fiber damage sensors 6548
Chang, C.-C. *see* Hwang, M.-S. 12909
Chang, C.-C. *see* Lo, W.-T. 1387
Chang, C.-H. Interference of multiple optical carriers in subcarrier-multiplexed systems 5152
Chang, C.-H., Davidson, E.S., Sakallah, K.A. Using constraint geometry to determine maximum rate pipeline clocking 27033
Chang, C.-J., Chiang, Y.-Y. Analysis of priority channel allocation in a cell for mobile radio telephone system via signal-flow graphs 30339
Chang, C.-L., Liu, A.-S., Chen, Y.-T. Dynamic performance monitoring system of Taiwan Power Company 25063
Chang, C.-L., Liu, A.-S., Huang, C.-T. Oscillatory stability analysis using real-time measured data 24603

Chang, C.-M. Universal active current filter with single input and three outputs using CCIIs 10267
Chang, C.-M. Current-mode lowpass, bandpass and highpass biquads using two CCIIs 10269
Chang, C.-M. Novel current-conveyor-based single-resistance-controlled/voltage-controlled oscillator employing grounded resistors and capacitors 33924
Chang, C.-M. *see* Lin, J.-F. 43951
Chang, C.-R. *see* Rohde, U.L. 27217
Chang, C.-S. *see* Kesidis, G. 22309
Chang, C.-T., Rose, K., Walker, R.A. COMET: a set of global transformation algorithms for high-level pipeline synthesis 18789
Chang, C.-Y. *see* Chang, E.Y. 42563
Chang, C.C. *see* Caneau, C. 703
Chang, C.C. *see* Padmapani, N.C. 2087
Chang, C.L., Mahalingam, K., Otsuka, N., Melloch, M.R., Woodall, J.M. Precipitation of arsenic in doped GaAs 34676
Chang, C.L. *see* Harmon, E.S. 1855
Chang, C.L. *see* Li, J.S. 3954
Chang, C.L. *see* Melloch, M.R. 19516
Chang, C.M. Novel universal current-mode filter with single input and three outputs using only five current conveyors 10268
Chang, C.R. *see* Guharay, S.K. 46732
Chang, C.R. *see* Yao, C.G. 15296
Chang, C.S., Liang, Y.C., Elangovan, S. Fuzzy logic control of static VAr sources for enhancing transient stability of interconnected power system 32242
Chang, C.S. *see* Srinivasan, D. 24739
Chang, C.S. *see* Srinivasan, D. 24808
Chang, C.S. *see* Srinivasan, D. 39561
Chang, C.S. *see* Srinivasan, D. 39591
Chang, C.T.M., Han-Tzong Yuan GaAs HBT's for high-speed digital integrated circuit applications 26763
Chang, C.Y., McVittie, J.P., Saraswat, K.C., Lin, K.K. Backscattered deposition in Ar sputter etch of silicon dioxide 2184
Chang, C.Y. *see* Chang, T.C. 41456
Chang, C.Y. *see* Chen, H.R. 2463
Chang, C.Y. *see* Chen, H.R. 11166
Chang, C.Y. *see* Chen, P.A. 35875
Chang, C.Y. *see* Chou, J.W. 19881
Chang, C.Y. *see* Hsieh, S.W. 844
Chang, C.Y. *see* Hsu, S.L. 19651
Chang, C.Y. *see* Huang, H.S. 28264
Chang, C.Y. *see* Lin, K.C. 35023
Chang, C.Y. *see* Mei, Y.J. 35299
Chang, C.Y. *see* Vook, R.W. 2209
Chang, D.C., Booton, R.C., Jr., LaBelle, M., Thng, C.H. A distributed circuit element (DCE) method for solving Maxwell's equations 12511
Chang, D.C., Kuester, E.F. Telegraphist's equation for microwave integrated circuits derived from an integral equation 10479
Chang, D.C. *see* DeLyser, R.R. 12748
Chang, D.C. *see* Hoorfar, A. 4278
Chang, D.C. *see* Hoorfar, A. 10504
Chang, D.D., Crawford, P.A., Fulton, J.A., Mcbride, R., Schmidt, M.B., Sinitski, R.E., Wong, C.P. An overview and evaluation of anisotropically conductive adhesive films for fine pitch electronic assembly 42339
Chang, D.D., Fulton, J.A., Ling, H.C., Schmidt, M.B., Sinitski, R.E., Wong, C.P. Accelerated life test of Z-axis conductive adhesives 42340
Chang, D.S., Tang, L.C. Reliability bounds and critical time for the Birnbaum-Saunders distribution 17967
Chang, E. MCM technological approaches 26198
Chang, E.K., Kirschner, M.J., Adams, S.M. Evaluation of no-clean solder pastes under different process atmospheres [for PCBs] 34414
Chang, E.Y., Lai, Y.-L., Lin, K.-C., Chang, C.-Y., Juang, F.Y. Study of the thermal stability of the Schottky contacts on GaInP grown by LP-MOCVD 42563
Chang, E.Y., Yeong-lin Lai, Kuen-Chyuan Lin, Chun-yen Chang, Juang, F.Y. The study of TiWN Schottky contacts on n-$Ga_{0.51}In_{0.49}P$ 27572
Chang, E.Y., Yeong-Lin Lai, Kun-Chuan Lin, Chun-Yen Chang Study of Schottky contacts on *n*-$Ga_{0.51}In_{0.49}P$ by low-pressure metal-organic chemical-vapor deposition 19420
Chang, E.Y. *see* Lin, K.C. 35023
Chang, F. *see* Choi, K.K. 2472
Chang, F. *see* Kuan, C.H. 20532
Chang, F.-J., Twu, S.-H., Chang, S. Global bifurcation and chaos from automatic gain control loops 9974
Chang, F.C., Kino, G.S., Studenmund, W.R., Chim, S.S.C., Chou, C.-H. Measurement of phase-shift masks 11044
Chang, F.C., Sadler, B., Swiatowiec, F., Fu, D., Zhang, J.D., Lam, J., Warder, M., Westbrook, S. The evolution of MCM test from high performance bipolar mainframe multichip modules to low cost workstation multichip modules 9297
Chang, F.L., Potter, W.D., Gillis, P., Sanders, M. Genetic algorithms in battlefield communications network configuration 30418
Chang, F.M.-C. *see* Asbeck, P.M. 28114
Chang, G.C.K. *see* Leung, D.Y.C. 8141
Chang, H., Grundbacher, R., Kawanura, T., Leburton, J.-P., Adesida, I. Oscillatory conductance in a double-bend quantum dot device 27559
Chang, H. *see* Grundbacher, R. 27545
Chang, H. *see* Mei, G.-G.M. 30281
Chang, H. *see* Wu, H. 3673
Chang, H.-C. *see* Liang, X.-P. 1411
Chang, H.-C. *see* Wu, S.-L. 11129
Chang, H.-F. *see* Chen, C.-R. 15938
Chang, H.Ker-Chang *see* Ker-Chang Chang, H.
Chang, H.L.M. *see* Bai, G.R. 41450
Chang, H.Y. *see* Sun, S.C. 19854
Chang, H.Y. *see* Yang, J.G. 8618
Chang, J., Glover, J.R., Jr. The feedback adaptive line enhancer: a constrained IIR adaptive filter 18867
Chang, J., Viswanathan, C.R. Modeling and characterization of flicker noise in CMOS transistors from subthreshold to strong inversion 19808
Chang, J. *see* Chung, T. 394
Chang, J. *see* Flower, G. 14516
Chang, J.-F., Lin, S.-H. VSAT-based satellite wide area networks 30683
Chang, J.-F. *see* Chin, L.-P. 30638
Chang, J.-F. *see* Wu, Y.-T. 13905
Chang, J.-S. *see* Jogan, K. 32632
Chang, J.C.-F. *see* Joongho Choi 42127
Chang, J.C.P. *see* Chin, T.P. 9539
Chang, J.C.P. *see* Chin, T.P. 41361
Chang, J.C.P. *see* Kavanagh, K.L. 1907
Chang, J.F., Taur, R.R., Chu, T.H., Li, H.S., Su, Y.T., Kiang, Y.W., Su, S.L., Shih, M.P., Lin, H.D., Chung, C.D. ROCSAT-1 telecommunication experiments 37917
Chang, J.H., Becker, E.B., Driga, M.D. Numerical simulation for induction coil launcher using FE-BE method with hybrid potentials 4027
Chang, J.H., Becker, E.B., Driga, M.D. On the calculation of coaxial electromagnetic launcher with FE-BE method 44268
Chang, J.H., Duh, J.G., Chiou, B.S. Morphology and adhesion strength in electroless Cu metallized AlN substrate 42330
Chang, J.J. Pressure dependence of copper laser output characteristics 3442
Chang, J.J.C., Miska, R.A., Shober, R.A. Wireless systems and technologies: an overview 22855
Chang, J.T., Werner, L.L., Tepper, R.S. Automating circuit simulation and evaluation for the semi-custom IC design process 19977
Chang, J.W., Andricacos, P.C., Petek, B., Romankiw, L.T. Electrodeposition of high M_s CoFeCu alloys for recording heads 11487
Chang, K., Bliss, W.G. Limit cycles in state-space pipelined scattered look-ahead filters 10323
Chang, K., Bliss, W.G. Register modeling for the unification of quantization analysis in IIR digital filters 27064
Chang, K., Foltz, R., Castner, R. Angle error simulation for phased array radar system 23195
Chang, K. *see* Carroll, J. 19112
Chang, K. *see* Gopalakrishnan, G.K. 27174
Chang, K. *see* Ho, C.-H. 1408
Chang, K. *see* Ho, C.-H. 1486
Chang, K. *see* Ho, C.-H. 1631
Chang, K. *see* Kanamaluru, S. 1419
Chang, K. *see* Kwark, B. 35968
Chang, K. *see* Navarro, J.A. 1472
Chang, K. *see* Tilley, K. 10412
Chang, K. *see* Tilley, K. 36370
Chang, K. *see* Wu, X.-D. 21421
Chang, K.-E. Efficient algorithms of wiring channels with movable terminals 2611
Chang, K.-J. *see* Oh, S.-Y. 2216
Chang, K.C. Stability conditions for a pipeline polling scheme in satellite communications 14534
Chang, K.C. *see* Du, D.H.C. 19972
Chang, K.H., Ming Liaw, H. Surface behavior and lattice relaxation and SiGe/Si strained epitaxial heterostructures 33669
Chang, K.H. *see* Chang, Y.H. 42502
Chang, K.M. *see* Kuo, C. 18714
Chang, K.W. *see* Lai, R. 27284
Chang, K.Y. *see* Jain, V. 18652
Chang, L., Yeh, C.-C. Effect of pointing errors on the performance of the projection beamformer 21439
Chang, L.-D., Hsiao, P.-Y. New approach for over-the-cell channel routing 28233
Chang, L.-D., Hsiao, P.-Y., Yan, J.-T., Shew, P.-W. A robust over-the-cell channel router 18579
Chang, L.H. *see* Jia, Q.X. 10539
Chang, M. *see* Black, J.F. 20907
Chang, M. *see* Wang, J.J.H. 11309
Chang, M.-C. *see* Amerasekera, A. 10638
Chang, M.-C. *see* Amerasekera, A. 35003
Chang, M.-P., Ersoy, O.K. The modified input-output algorithm for the synthesis of computer-generated holograms 36064
Chang, M.C., Wu, C.Y., Lin, G.L., Liao, I.C., Lee, Y.H., Chen, C.N. Degradation of MOS transistor characteristics By gate charging damage during plasma processing 19855
Chang, M.F. *see* Ho, W.J. 28255
Chang, M.F. *see* Ho, W.J. 43090
Chang, M.F. *see* Pedrotti, K.D. 43673
Chang, M.F. *see* Sullivan, G.J. 2464
Chang, M.M., Patti, A.J., Sezan, M.I., Tekalp, A.M. An adaptive Bayesian approach for color image segmentation 30070
Chang, N. *see* Bartels, B.E. 39431
Chang, N. *see* Oh, S.-Y. 2216
Chang, N.S. *see* Maekawa, Y. 30691
Chang, N.S. *see* Maekawa, Y. 44358
Chang, P. *see* Aizenbud, Y. 1120
Chang, P. *see* Koenemann, B. 1186
Chang, P. *see* Mead, J. 46094
Chang, P.-C., Chen, S.-H., Juang, B.-H. Discriminative analysis of distortion sequences in speech recognition 4481
Chang, P.-R. *see* Hsu, F. 29400
Chang, P.H., Lee, J.W. An observer design for time-delay control and its application to DC servo motor 40241
Chang, P.H. *see* Coward, J.F. 44622
Chang, P.H. *see* Su, Y.K. 9571
Chang, P.R. *see* Lo, K.W. 29401
Chang, P.S. A design, failure, and condition oriented boiler assessment program 16629
Chang, P.S. A systematic approach to boiler condition assessments 32681
Chang, P.Z., Lee, J.H., Hsu, S.E., Wang, K.L. Design of a hybrid superconducting bearing operated at 100000 RPM between 10 K and 77 K 35300
Chang, R.C.-H. *see* Gowda, S.M. 43040
Chang, R.D. *see* Sheng, T.T. 2158
Chang, R.K. *see* Chen, G. 12038
Chang, R.K. *see* Kwok, A.S. 3810
Chang, R.L. *see* Bustard, C.J. 8174
Chang, R.N., Ravishankar, C.V. A service acquisition mechanism for server-based heterogeneous distributed systems 37146
Chang, R.P.H. *see* Fulin Xiong 21023
Chang, S. *see* Chang, F.-J. 9974
Chang, S. *see* Wu, W.-C. 10360
Chang, S. *see* Zhao, J.H. 11250
Chang, S.C. *see* Tsay, R.-S. 18392
Chang, S.F., McCormick, S.T. Implementation and computational results for the hierarchical algorithm for making sparse matrices sparser 598
Chang, S.H. *see* Kang, K.S. 16513
Chang, S.J., Takahei, K., Nakata, J., Su, Y.K. Impact excitation of Er-doped GaAs and the rare-earth sites in III-V compound semiconductors 11876
Chang, S.J. *see* Lin, J.D. 27699
Chang, S.K. *see* Jungert, E. 13613
Chang, S.W. *see* Alliss, R.J. 24499
Chang, S.W. *see* Sun, S.C. 19854
Chang, T., Kuo, C.-C.J. Texture analysis and classification with tree-structured wavelet transform 13620
Chang, T., Kuo, C.-C.J. Texture segmentation with tree-structured wavelet transform 13664
Chang, T., Kuo, C.-C.J. A wavelet transform approach for hierarchical texture segmentation 29601
Chang, T. *see* Anderson, G. 38901
Chang, T. *see* Lin, Y.C. 22119
Chang, T. *see* Liu, B. 31001
Chang, T.-G. *see* Principe, J.C. 7429
Chang, T.-N., Sze, Y.C. Flexibility in the choice of Green's function for the boundary element method [planar transmission line analysis] 4205
Chang, T.-S., Magrab, E.B. Component rearrangement on printed wiring boards to maximize the fundamental natural frequency 1706
Chang, T.-S. *see* Chung, S.S. 20020
Chang, T.C., Chang, C.Y., Jung, T.G., Tsai, W.C., Wang, P.J., Lee, T.L., Chen, L.J. Nanometer thick Si/SiGe strained-layer superlattices grown by an ultrahigh vacuum/chemical vapor deposition technique 41456
Chang, T.C. *see* Hsiao, J.M. 5918
Chang, T.G., Valeriote, E.M., Jochim, D.M. Effects of fast charging on hybrid lead/acid battery temperature 40419
Chang, T.G. *see* Valeriote, E.M. 40437
Chang, T.H.P. *see* Kim, H.S. 27404
Chang, T.K., Langley, R.J., Parker, E. An active square loop frequency selective surface 21444
Chang, T.Y. *see* Chu, D.Y. 43913
Chang, T.Y. *see* Zucker, J.E. 46017
Chang, W., Bosworth, B., Carter, G.C. Empirical results of using back-propagation neural networks to separate single echoes from multiple echoes 46113
Chang, W., Soliman, H.S., Sung, A.H. Image data compression using counterpropagation network 22179
Chang, W. *see* Liu, Y. 15635
Chang, W. *see* Pawlowski, J. 15746
Chang, W.-T. *see* Yaou, M.-H. 4355
Chang, W.C. *see* Hseih, B.-C. 2686
Chang, W.H. *see* Bello, I. 42697
Chang, W.H. *see* Choi, K.K. 2472
Chang, W.H. *see* Golob, L.P. 1529
Chang, W.H. *see* Kuan, C.H. 15016
Chang, W.H. *see* Kuan, C.H. 20532
Chang, W.H. *see* Kuan, C.H. 23636
Chang, W.H. *see* Tidrow, M.Z. 38504
Chang, W.H. *see* Wang, J.S. 3383
Chang, W.H. *see* Yang, L.W. 11167
Chang, W.S.C. *see* Chin, M.E. 28507
Chang, W.S.C. *see* Chung, H. 20387

Chang, W.S.C. *see* Hou, H.Q. 3189
Chang, W.S.C. *see* Schaffner, J.H. 46000
Chang, Y. Copper films prepared by metal organic chemical vapor deposition (MOCVD) process using copper (acetylacetonate) and water vapor as reactants: the impact of water vapor 41482
Chang, Y., Schrader, G.L. Copper films prepared by metal organic chemical vapor deposition (MOCVD) process using copper (acetylacetonate) and water vapor as reactants 820
Chang, Y., Schrader, G.L. Thermal decomposition mechanism of copper MOCVD precursor, copper (acetylacetonate), studied by FTIR and DSC 2634
Chang, Y., Sekine, T., Nakamura, T., Yokokawa, S. Two-way power divider with transmission line and capacitances 34232
Chang, Y.-C., Manish, B. Diagnosis and reconfiguration algorithms for array processors on wafer scale integration 41971
Chang, Y.-C., Wu, C.K. VLSI implementation of a reduced symmetric fuzzy singleton set 1266
Chang, Y.-C., Yang, W.-T., Liu, C.-C. Improvement on GGDF for power system security evaluation 39654
Chang, Y.-C. *see* Rudduck, R.C. 44548
Chang, Y.-H., Becker, U.J., Smith, B.R., Wang, C. Drift velocities and magnetic deflection in CF_4 based gases 31738
Chang, Y.-H., Yang, A.T. Analytic macromodeling and simulation of tightly-coupled mixed analog-digital circuits 26594
Chang, Y.-T. *see* Wang, C.-L. 26971
Chang, Y.A. *see* Chen, C.-P. 19424
Chang, Y.A. *see* Chen, C.-P. 34909
Chang, Y.C. *see* Wu, C.K. 8252
Chang, Y.H., Yeh, J.J., Sheu, Y.M., Wang, C.C., Chen, T.C., Chang, K.H., Lee, C.P. Binding energies of D^- ion in GaAs quantum well 42502
Chang, Y.H. *see* Delfyett, P.J. 43818
Chang, Y.H. *see* Jung, Y.G. 8450
Chang, Y.H. *see* Shen-li Fu 18307
Chang, Z. *see* Danson, C.N. 3569
Chang, Z. *see* Mercer, I.P. 43780
Chang Byungsoo *see* Byungsoo Chang
Chang Chao-Ren *see* Chao-Ren Chang
Chang Chein-I *see* Chein-I Chang
Chang Chen *see* Chen Chang
Chang Chen-Yuan *see* Chen-Yuan Chang
Chang Cheng-Hong *see* Cheng-Hong Chang
Chang Cheng-Shang *see* Cheng-Shang Chang
Chang Chi Shih *see* Chi Shih Chang
Chang Chi-Ching *see* Chi-Ching Chang
Chang Chi-Wai *see* Chi-Wai Chang
Chang Chi-Yung *see* Chi-Yung Chang
Chang Chienchung *see* Chienchung Chang
Chang Chin-Chen *see* Chin-Chen Chang
Chang Chir-Weei *see* Chir-Weei Chang
Chang Chuan-Ming *see* Chuan-Ming Chang
Chang Chun Yen *see* Chun Yen Chang
Chang Chun-Ming *see* Chun-Ming Chang
Chang Chun-Yen *see* Chun-Yen Chang
Chang Chung-Chi *see* Chung-Chi Chang
Chang Chung-Ju *see* Chung-Ju Chang
Chang Chung-Yen *see* Chung-Yen Chang
Chang Dau-Chyrh *see* Dau-Chyrh Chang
Chang Dingding *see* Dingding Chang
Chang Dong Shang *see* Dong Shang Chang
Chang Eon Kang *see* Hyoung Rae Cho 37706
Chang Fu *see* Fu Chang
Chang Fu-Kuo *see* Fu-Kuo Chang
Chang Hee Nam *see* Byoung Il Choi 12367
Chang Her-Hsiung *see* Her-Hsiung Chang
Chang Ho-Shin *see* Ho-Shin Chang
Chang Hong Yi *see* Hong Yi Chang
Chang Hong-Chan *see* Hong-Chan Chang
Chang Hoon Oh *see* Tong Seop Kim 47782
Chang Hua *see* Hua Chang
Chang Huang *see* Huang Chang
Chang Hung-Chun *see* Hung-Chun Chang
Chang Ik Soo *see* Ik Soo Chang
Chang Joon Bae, Ki Bog Lee A study on the effect of gamma background in low power startup physics tests 47655
Chang Joon-Sung *see* Joon-Sung Chang
Chang Jun-Ren *see* Jun-Ren Chang
Chang Kai *see* Kai Chang
Chang Kap-Soon *see* Kap-Soon Chang
Chang Ker-Chang *see* Ker-Chang Chang
Chang Ki Lee, Jae Guen Kim A study on the algorithm and its performance evaluation for reducing the pointer adjustment jitter in an SDH-based system 5651
Chang Kuan-Teck *see* Kuan-Teck Chang
Chang Kuang-Hua *see* Kuang-Hua Chang
Chang Kun-Zen *see* Kun-Zen Chang
Chang Kuo-Chu *see* Kuo-Chu Chang
Chang Lee Gyu *see* Gyu Chang Lee
Chang Li *see* Guoyu Yang 38245
Chang Li Fung *see* Li Fung Chang
Chang Li-Fung *see* Li-Fung Chang
Chang Liang Xi *see* Liang Xi Chang
Chang Liuchen *see* Liuchen Chang
Chang Long *see* Long Chang
Chang Long-Wen *see* Long-Wen Chang
Chang Maw-Shang *see* Maw-Shang Chang
Chang Mi-Chang *see* Mi-Chang Chang
Chang Ming *see* Ming Chang
Chang Ming-Wen *see* Ming-Wen Chang
Chang Mu-Kuen *see* Mu-Kuen Chang
Chang Pao-Chi *see* Pao-Chi Chang
Chang Pao-Long *see* Pao-Long Chang
Chang Park Kyu *see* Kyu Chang Park
Chang Ping-Chen *see* Ping-Chen Chang
Chang Po-Rong *see* Po-Rong Chang
Chang Po-Sheng *see* Po-Sheng Chang
Chang Qian *see* Yang Jun 1018
Chang Rong-Feng *see* Rong-Feng Chang
Chang Rong-Seng *see* Rong-Seng Chang
Chang Saga *see* Saga Chang
Chang Shao-Kung *see* Shao-Kung Chang
Chang Shih-Hsiin *see* Shih-Hsiin Chang
Chang Shih-I *see* Shih-I Chang
Chang Shou-Zen *see* Shou-Zen Chang
Chang Shwu-Jing *see* Shwu-Jing Chang
Chang Shyang *see* Shyang Chang
Chang Soon-Heung *see* Soon-Heung Chang
Chang Sung Wu *see* Sung Wu Chang
Chang Ting-Chang *see* Ting-Chang Chang
Chang Ting-Yu *see* Ting-Yu Chang
Chang Tzong-Sheng *see* Tzong-Sheng Chang
Chang Weichi *see* Weichi Chang
Chang Wen-Chung *see* Wen-Chung Chang
Chang Wen-Jie *see* Wen-Jie Chang
Chang Wen-Tao *see* Wen-Tao Chang
Chang Wen-Thong *see* Wen-Thong Chang
Chang Wen-Tong *see* Wen-Tong Chang
Chang Wen-Yeau *see* Wen-Yeau Chang
Chang Woo Lee, Sang Uk Lee On the prefilter approach for the design of the lapped orthogonal transform basis 30101
Chang Woo Lee, Yong Tae Kim, Choochon Lee, Jeong Yong Lee, Suk-Ki Min, Young Wook Park Performance of the plasma deposited tungsten nitride barrier to prevent the interdiffusion of Al and Si 42749
Chang Woo Lee, Yong Tae Kim, Jeong Yong Lee New method to improve thermal stability in the interface of silicon and tungsten by the interposition of plasma deposited tungsten nitride thin film 27771
Chang Woo Lee *see* Yong Tae Kim 27793
Chang Yang-Hua *see* Yang-Hua Chang
Chang Yi Jong *see* Jong Chang Yi
Chang Yu-Fu *see* Yu-Fu Chang
Chang Yu-Tai *see* Yu-Tai Chang
Chang-Cherng Wu *see* Tai, K. 3648
Chang-Dong Kim, Sugiura, O., Matsumura, M. Amorphous-silicon TFTs with self-aligned polysilicon source and drain 28152
Chang-Hasnain, C.J., Wu, Y.A., Li, G.S., Hasnain, G., Choquette, K.D., Canteau, C., Florez, L.T. Low threshold buried heterostructure vertical cavity surface emitting laser 3619
Chang-Hasnain, C.J. *see* Nabiev, R.F. 20936
Chang-Hasnain, C.J. *see* Vail, E.C. 12094
Chang-Hasnain, C.J. *see* Willner, A.E. 5641
Chang-Hasnain, C.J. *see* Wu, Y.A. 3670
Chang-Hasnain, C.J. *see* Wu, Y.A. 28815
Chang-Huan Liu *see* Yao-Tze Kao 8831
Chang-Ik Kang *see* In-Joong Ha 47890
Chang-Jian Tang, Zhong-Hai Yang, Sheng-Gang Liu Self-consistent nonlinear theory of high-power gyrotron pump for EMW-FEL 10615
Chang-Lee Chen *see* Yayun Lin 35018
Chang-Liang Yuan *see* Yuan Chang-Liang
Chang-Lin Tien *see* Norris, P.M. 35873
Chang-Luen Wu *see* Hir-Ming Shieh 43014
Chang-Ming Liaw *see* Faa-Jeng Lin 8422
Chang-Ming Liaw *see* Faa-Jeng Lin 8834
Chang-Nan Hu *see* Dau-Chyrh Chang 44572
Chang-Ping Zou *see* Zou Chang-Ping
Chang-Sheng Xie *see* Xie Chang-Sheng
Chang-Shu Lee, Shih-Long Wei, Hsu-Tien Hu, Tsung-Jen Lee, Yau-Wen Hu Structure and electrical properties of stable tantalum nitride thin film resistors 19155
Chang-Soo Lee *see* Yamanouchi, K. 20122
Chang-Yao Chen *see* Chen Chang-Yao
Changan Wang *see* Zhongyang Xu 25705
Changbiao Wang Conditioner for a helically transported electron beam 6946
Changbiao Wang, Sessler, A.M. An efficient microwave power source: The free-electron laser afterburner 12267
Changchang Wan *see* Wan Changchang
Changcheng Fan *see* Fan Changcheng
Changde Xie *see* Ruining Li 28775
Changde Xie *see* Xie Changde
Changfan Chieh *see* Chieh Changfan
Changhe Zhou, Liren Liu The complex Hopfield model 3265
Changhe Zhou, Liren Liu, Zhijiang Wang One compact optical implementation method for the second-order neural networks 11739
Changhong Liang *see* Liang Changhong
Changhua Tan *see* Mingzhen Xu 19465
Changjiang Dai *see* Dai Changjiang
Changjing Shang, Brown, K. Texture classification of side-scan sonar images with neural networks 38178
Changjing Shao *see* Shao Changjing
Changkakoti, R., Manivannan, G., Singh, A., Lessard, R.A. Ferric chloride doped polyvinyl alcohol for volume hologram recoding: a characterization study 12432
Changkakoti, R. *see* Leclerc, P. 12476
Changkakoti, R. *see* Lessard, R.A. 11728
Changkakoti, R. *see* Trepanier, F. 21108
Changli Li *see* Li Changli
Changming Cuo *see* Cuo Changming
Changning Guo *see* Guo Changning
Changping Luo *see* Luo Changping
Changqin Ma *see* Ma Changqin
Changqin Zhong *see* Zhong Changqin
Changqing Yi *see* Yi Changqing
Changsheng Shi *see* Bisong Cao 36430
Changsheng Zhou *see* Zhou Changsheng
Changshi Liu *see* Liu Changshi
Changtai Yu *see* Yu Changtai
Changtao Qiu *see* Qiu Changtao
Changxin Shi *see* Shi Changxin
Changxing Pei *see* Pei Changxing
Changxue Ma, O'Shaughnessy A perceptual study of source coding of Fourier phase and amplitude of the linear predictive coding residual of vowel sounds 44778
Changxue Ma, O'Shaughnessy, D. The masking of narrowband noise by broadband harmonic complex sounds and implications for the processing of speech sounds 44772
Changyi Ouyang *see* Ouyang Changyi
Changyin Jiang *see* Jiang Changyin
Changyu Sun *see* Sun Changyu
Channabasappa, E. *see* So, P.P.M. 44486
Channell, P.J., Dreicer, H. An intense source of positrons using a low energy proton beam 7118
Channin, D.J. *see* Abeles, J.H. 20863
Chano, S. *see* Benmouyal, G. 25011
Chanson, S.T., Dany, H., Kim, M.C., Qin Lin, Ying Lu, Son Vuong, Sijian Zhang, Limin Zhou, Jinsong Zhu The UBC protocol testing environment 30234
Chanson, S.T., Zhu, J. A unified approach to protocol test sequence generation 5490
Chanson, S.T. *see* Liang, L. 22541
Chanson, S.T. *see* Vuong, S.T. 30505
Chante, J.-P. *see* Lefebvre, S. 32909
Chante, J.-P. *see* Lin, C.-C. 2437
Chante, J.P. *see* Allard, B. 2404
Chante, J.P. *see* Depee, J.Y. 2609
Chante, J.P. *see* Lefebvre, S. 1058
Chante, J.P. *see* Viverge, P.J. 17055
Chante, J.P. *see* Viverge, P.J. 26679
Chantre, A., Nouailhat, A. Profile tail effects on low temperature operation of silicon bipolar transistors 19779
Chantre, A. *see* Mounib, A. 19764
Chantrell, R.W. *see* Patel, V. 11498
Chantry, P.J., McAvoy, B.R., Zomp, J.M., Liberman, I. Towards a miniature laser-pumped cesium cell frequency standard 23390
Chanussot, C., Kazeminejad, A., Neri, V. Comparison of CMOS and BiCMOS performance on digital cells—a case study: the bit slice processor 2901 18808
Chanyoung Chung, Gyoodong Jeun, Kwang Hyun Bang, Moohwan Kim An experimental study of direct containment heating phenomena 47657
Chao, A.W. Coherent beam-beam effects 31602
Chao, A.W. *see* Caussyn, D.D. 7026
Chao, A.W. *see* Caussyn, D.D. 38778
Chao, A.W. *see* Ellison, M. 38779
Chao, A.W. *see* Huang, H. 23976
Chao, A.W. *see* Lee, S.Y. 7040
Chao, A.W. *see* Li, D. 6973
Chao, B.S. *see* Hyatt, S.O. 10974
Chao, C.-Y., Lin, H.-J., Milor, L. Fault-driven testing of LSI analog circuits 17807
Chao, C.L. *see* Puttick, K.E. 27668
Chao, C.P. *see* Floyd, P.D. 43880
Chao, D.Y., Wang, D.T. The knitting technique and its application to communication protocol synthesis 37149
Chao, D.Y., Wang, D.T. An interactive tool for design, simulation, verification, and synthesis of protocols 37154
Chao, H.C., Neudeck, G.W. Polysilicon Fabry-Perot cavities deposited with dichlorosilane in a reduced pressure chemical vapour deposition reactor for thermal sensing 31161
Chao, H.E., Kuo, M.H., Chiu, H.S. Characterization of iron crud morphologies in condensate-feedwater system at nuclear power stations 1 and 2 25175
Chao, H.S. *see* Wang, D.P. 41132
Chao, K. *see* Nhan, E. 47204
Chao, K.S. *see* Yilmaz, A. 10240
Chao, L. Effect of laser diode characteristics on the performance of an SCM-OFDM direct detection system 23037
Chao, M.L., Knop, I., Ed Shaviv Memory back-up batteries 33000
Chao, P.C. *see* Fu, S.T. 1534
Chao, P.C. *see* Ho, P. 11242
Chao, S. Electrical characteristics of WO_3-based CO_2-sensitive solid-state microsensor 6654
Chao, S.-C., Juang, M., Evens, M., Carmony, L., Zelanski, R., Roberts, R., McDermott, M. The MEDAS local area network 14227
Chao, T.-H. Shift invariant optical neural network with holographic bipolar synapses 35519
Chao, T.-H., Reyes, G., Hegblom, E., Cheng, L.J. Spatial-spectral optical pattern recognition using an acousto-optic tunable filter preprocessor 35514
Chao, T.-H. *see* Langenbacher, H. 38431
Chao, T.S. *see* Sun, S.C. 19854
Chao, W.C. *see* Yen, J.Y. 40240

Chao Chiang-nan *see* Chiang-nan Chao
Chao Chih-Ho *see* Chih-Ho Chao
Chao Chih-Yeh *see* Chih-Yeh Chao
Chao Feng, Muzio, J.C., Lombardi, F. On the testability of array structures for FFT computation 1246
Chao Gao *see* Gao Chao
Chao Jiunn-Hsing *see* Jiunn-Hsing Chao
Chao Liu *see* Liu Chao
Chao Ming *see* Ming Chao
Chao Tien Sheng *see* Tien Sheng Chao
Chao Tien-Hsin *see* Tien-Hsin Chao
Chao Ting-Hai *see* Ting-Hai Chao
Chao Xie Feng *see* Feng Chao Xie
Chao Xiuli *see* Xiuli Chao
Chao Xu *see* Jingjuan Zhang 3272
Chao Yu-Chiu *see* Yu-Chiu Chao
Chao Zhiyu *see* Zhiyu Chao
Chao-Chee Ku, Lee, K.Y., Edwards, R.M. Validation and verification of diagonal neural controller for nuclear power plant 16515
Chao-Jun Zhang *see* Zhang Chao-Jun
Chao-Nan Xu *see* Miyazaki, K. 46401
Chao-Pin Yeh, Ume, C., Fulton, R.E., Wyatt, K.W., Stafford, J.W. Correlation of analytical and experimental approaches to determine thermally induced PWB warpage 42292
Chao-Ren Chang *see* Rohde, U.L. 42197
Chao-Song Huang, Miller, C.A., Kelley, M.C. Basic properties and gravity wave initiation of the midlatitude F region instability 47259
Chao-Wei Tang *see* Tang Chao-Wei
Chao-Xiang Shi Nonlinear fiber loop mirror with optical feedback 43444
Chao-Xiang Shi, Okoshi, T. Fiber-optic mode converter with a narrow-band or broadband spectrum 35321
Chaochuan Jiang *see* Jiang Chaochuan
Chaofan Rong *see* Rong Chaofan
Chaogen Huang *see* Huang Chaogen
Chaohua Jia *see* Jia Chaohua
Chaohua Ma *see* Ma Chaohua
Chaohuan Hou *see* Hou Chaohuan
Chaolin Han *see* Jiyong Ma 35286
Chaoming Hsu *see* Higgins, W.E. 45100
Chaosheng Shu, Matsumoto, T., Imai, H. A multipurpose proof system: for identity and membership proofs 12890
Chaoshu Shi *see* Zhengfu Han 42547
Chaoyang Tu, Yidong Huang, Zundu Luo, Guang Chen Crystal growth of $KY(WO_4)_2$:Er^{3+}:Nd^{3+} 41238
Chapados, P. Diffraction image processing algorithms for in-situ monitoring of sub-micron polysilicon linewidths 2148
Chapados, P. *see* Barna, G.G. 27711
Chapelle, J. *see* Lesueur, H. 25955
Chapelle, M.de La *see* de La Chapelle, M.
Chapellier, M. *see* Dumoulin, L. 23599
Chapellier, M. *see* Soudee, J. 23600
Chapellier, M. *see* Yvon, D. 24035
Chapelon, J.Y. *see* Faure, P. 39420
Chapelon, J.Y. *see* Newhouse, V.L. 47307
Chapelon, O. *see* Vaissier, J.C. 10652
Chapin, J.C. Maintenance applications of the thermal spray process 16553
Chaplain, R. *see* Beniere, F. 27663
Chaplin, M. *see* Dawson, J.F. 36245
Chaplin, R.A. *see* Peng, G.D. 35302
Chapman, B.D. *see* van Zyl, J.J. 32062
Chapman, C.L., Lee, S., Schmidt, B.L. Thermal performance of an elliptical pin fin heat sink 40964
Chapman, D. *see* Suortti, P. 7386
Chapman, D.A. Erbium-doped fibre amplifiers: the latest revolution in optical communications 43811
Chapman, D.B. Majordomo: how I manage 17 mailing lists without answering '-request' mail 5426
Chapman, G.H., Carr, L., Syrzycki, M.J., Dufort, B. Test vehicle for a wafer-scale thermal pixel scene simulator 46516
Chapman, G.H. *see* Audet, Y. 46422
Chapman, G.H. *see* Syrzycki, M.J. 23716
Chapman, G.J. *see* Lemay, M.A. 15920
Chapman, H.N., Nugent, K.A., Wilkins, S.W. X-ray focusing using cylindrical-channel capillary arrays. I. Theory 19288
Chapman, H.N., Rode, A., Nugent, K.A., Wilkins, S.W. X-ray focusing using cylindrical-channel capillary arrays. II. Experiments 19289
Chapman, J. High-performance CMOS based VLSI testers: timing control and compensation 2659
Chapman, J., Mann, J. Digital mean timers for the Straw Tube Tracking System at SDC 24097
Chapman, J.N., Attig, R.C., Johanson, N.R. MHD repowering to meet environmental regulations 25307
Chapman, J.N. *see* Cai Ningsheng 25306
Chapman, J.N. *see* Ploessl, R. 20157
Chapman, J.N. *see* Rogers, D.J. 35219
Chapman, J.N. *see* te Lintelo, J.G.Th. 43251
Chapman, J.W., Ilic, M.D., King, C.A., Eng, L., Kaufman, H. Stabilizing a multimachine power system via decentralized feedback linearizing excitation control 24689
Chapman, M.A. *see* Cosandier, D. 23702
Chapman, M.A. *see* Rongxing Li 45879
Chapman, M.A. *see* Schwarz, K.P. 39369
Chapman, N.R. *see* Dosso, S.E. 4665
Chapman, N.R. *see* Lindsay, C.E. 4664
Chapman, P. *see* Goodwin, F. 830
Chapman, P.C. *see* Si-Ming Pan 37938
Chapman, P.F. *see* Lercel, M.J. 27964
Chapman, R. *see* Al-Adnani, A. 21710
Chapman, R. *see* Jianxing Li 2008
Chapman, R.A., Rodder, M., Moslehi, M.M., Velo, L., Kuehne, J.W., Lane, A.P. The use of rapid thermal processing to improve performance of sub-half micron CMOS with and without salicide 20003
Chapman, S.E. Computerization of maintenance management systems 32526
Chapman, S.P. *see* Taylor, E.W. 11711
Chapnin, V.A. *see* Alcksandrovich, S.V. 3229
Chapparro, L.F. *see* Kayhan, S.A. 13317
Chappell, A.R. Knowledge-based reasoning in the Paladin tactical decision generation system 39182
Chappell, S.L., Tarrel, R.J. Incident retrieval from NASA's Aviation Safety Reporting System 15942
Chappell, T.E. The 900 MW combined cycle gas turbine power station project at Killingholme 32747
Chappuis, F. *see* Guggenheim, N. 38970
Chapron, B. *see* Bliven, L.F. 7633
Chaptsova, G.V. *see* Gol'tser, I.V. 12418
Chaput, R. *see* Glotin, F. 3683
Chaput, R. *see* Glotin, F. 7019
Chaput, R. *see* Glotin, F. 43976
Chapzipetros, A.A. *see* Besieris, I.M. 29084
Char, K., Antognazza, L., Geballe, T.H. Study of interface resistances in epitaxial $YBa_2Cu_3O_{7-x}$/barrier/$YBa_2Cu_3O_{7-x}$ junctions 2863
Char, K. *see* Koelle, D. 28416
Char, K. *see* Martens, J.S. 6757
Char, K. *see* Martens, J.S. 28414
Char, K. *see* Martens, J.S. 41855
Char, K. *see* Verghese, S. 6494
Charar, S. *see* Obadi, A. 9566
Charatan, R.M. *see* Weber, A. 42754
Charatishvili, M. *see* Kauff, P. 30984
Charbit, M. *see* Moulines, E. 4743
Charbonneau, S. *see* Templeton, I.M. 27748
Charbonnier, A., Hubert, J., Attal, J., Cohen, M., Evci, C. Perspectives for mobile communications 14459
Chard, S.G. *see* Willard, C. 5821
Chardin, G. *see* Soudee, J. 23600
Chardin, G. *see* Yvon, D. 24035
Chare, P.J. *see* Wagner, H.G. 38345
Charef, M. *see* Baudry, L. 19384
Charef, M. *see* Thobel, J.L. 19383
Chari, A.A. *see* Verma, S.M. 9352
Chari, S. *see* Artman, D.J. 21888
Chari, S. *see* Elmissiry, M. 40255
Chari, T. *see* Lai, L.L. 16291
Charif-Chefchaouni, M., Schonfeld, D. Convergence criteria for iterative nonlinear filters 21869
Charitat, G. *see* Beydoun, B. 1063
Charki, H. *see* Gergam, E. 2032
Charles, F. *see* Favrie, C. 16364
Charles, H.K., Jr. Design rules for advanced packaging 17871
Charles, M.-H. *see* Saby, C. 6607
Charles, S.W. *see* Fannin, P.C. 15175
Charless, A. *see* Gupta, L. 45093
Charlot, J.-J. *see* Vladimirescu, A. 43102
Charlson, E.J. *see* Burkett, S.L. 35106
Charlson, E.J. *see* Sabeti, R. 10517
Charlson, E.M. *see* Burkett, S.L. 35106
Charlson, E.M. *see* Sabeti, R. 10517
Charlton, C., Leng, P., Rivers, M. An object-oriented model of design evolution 1125
Charlton, D.G. *see* Holt, A.R. 29209
Charnes, C., Pieprzyk, J. Linear nonequivalence versus nonlinearity 21564
Charng-Der Jia *see* Yuan-Hua Chu 19978
Charoy, A., Straus, D. Earthing: utility, performance, leadings, and impacts on electronic systems 12635
Charpak, G. Electronic imaging of ionizing radiation with limited avalanches in gases 7168
Charpak, G., Cordurie, G., Lewiner, J., Morisseau, D. Method of measuring surface electric charge distributions 15193
Charpak, G., Cordurie, G., Lewiner, J., Morisseau, D., Chabot, M., Santiard, J.-C. Detection of α particles by surface electric charges 31772
Charpak, G., Giomataris, Y., Gougas, A. Results of a high energy gamma telescope 46919
Charpentier, P. *see* Adye, T. 38896
Charpillet, F., Fohr, D., Gong, Y., Haton, J.-P. A multi-agent model for signal interpretation 13417
Charpillet, F. *see* Smaili, K. 21701
Charpin, P. Weight distributions of the cosets of the binary 2-error-correcting BCH codes 21626
Charra, F. *see* Nunzi, J.M. 12391
Charreton, J.M. *see* Guillemin, P. 7853
Charrier, J.P. *see* Vallet, C. 15513
Charrier, M., Houssay, B., Lemoine, T., Paineau, S. Massively parallel computers using holographic matrix as a photonic backplane 28548
Charriere, S. *see* Jelen, C. 9585
Charruau, S. *see* Misson, H. 19206
Chartier, G. *see* Mounier, E. 3123
Chartier, P. A parallel shooting technique for solving dissipative ODE's 33555
Chartier, V.L. *see* Geissinger, L.G. 39457
Chartier, V.L. *see* Olsen, R.G. 24935
Charukhchev, A.V. *see* Afonin, S.L. 3184
Charukhchev, A.V. *see* Resunkov, Yu.A. 35960
Charvet, J.L. *see* De Filippo, E. 46876
Charykuliev, A. *see* Khanov, D. 20552
Charykuliev, A. *see* Khanov, D. 20553
Charytoniuk, W. *see* Kujszczyk, S. 16273
Chase, D.L., Kovacik, J.M., Stoll, H.G. Economic strategies for repowering steam power plants 8196
Chase, M., Pahlavan, K. Direct sequence spread spectrum over measured indoor radio channels 5720
Chase, M., Pahlavan, K. Performance of DS-CDMA over measured indoor radio channels using random orthogonal codes 22772
Chase, M., Pahlavan, K. Performance of direct sequence CDMA orthogonal codes over measured indoor radio channels 37707
Chase, R.J. *see* Miletta, J.R. 39448
Chase, S.I. *see* Bachler, J. 46934
Chashchin, S.P., Man'ko, V.S., Zotov, O.V., Makarov, V.S., Pyregov, B.P. Uncooled PbS_xSe_{1-x} light-emitting diodes for the 3-5 μm spectral region 11875
Chashchin, S.P. *see* Man'ko, V.S. 10753
Chashurin, V.I. *see* Arapov, L.N. 15283
Chasnykh, K.A. Estimation of the effect of the relative width of the radiation pattern in ultra-high-speed scanning along an extended target 36424
Chason, E. *see* Atwater, H.A. *(editor)* 40707
Chassaing, E. *see* Comby, G. 42376
Chassaing, R., Bitler, B. Real-time digital filters in C 1334
Chassaing, R., Thayer, R., Martin, P. Multirate filtering using the TMS320C30 floating-point digital signal processor 1328
Chassay, G. *see* Desclos, L. 6120
Chasse, T. *see* Ludwig, M.H. 1926
Chassery, J.M., Waku, J. Specification of a wavelet for multiresolution analysis of discrete contour 4859
Chassery, J.M. *see* Waku, J. 36889
Chassot, C. *see* Amer, P.D. 13901
Chataux, F. *see* Nardo, L. 3263
Chataux, F. *see* Zhai, H.C. 11695
Chatelain, J., Kawkabani, B. Subsynchronous resonance (SSR) countermeasures applied to the second benchmark model 24666
Chatellard, D. *see* Badertscher, A. 7311
Chatenoud, F. *see* Dai, H. 12385
Chatenoud, F. *see* Fallahi, M. 20763
Chatenoud, F. *see* Janz, S. 11635
Chatenoud, F. *see* Janz, S. 21071
Chatenoud, F. *see* McGreer, K.A. 37683
Chater, R.J. *see* Kilner, J.A. 27605
Chater, R.J. *see* Nejim, A. 34613
Chater, R.J. *see* Yupu Li 2091
Chatha, A. Digital communications standard will usher in new era of measurement and control 14869
Chatras, B. *see* Ahtianen, A. 30235
Chatrian, G.-E. *see* Tsai, M.-L. 7421
Chatrian, G.-E. *see* Tsai, M.-L. 7422
Chatroux, D. *see* Guidini, R. 2562
Chatterjee, U. *see* Bhar, G.C. 12373
Chatterjee, A., Chatterjee, A.K. Development of a uniform efficiency photon detector 38845
Chatterjee, A., Roy, R.K. Synthesis of low power linear DSP circuits using activity metrics 41948
Chatterjee, A., Roy, R.K., d'Abreu, M.A. Greedy hardware optimization for linear digital circuits using number splitting and refactorization 34101
Chatterjee, A., Sengupta, P., Mukherjee, S.C. A linear compensation unit of thermocouple for measuring high and low temperatures 6480
Chatterjee, A., Volakis, J.L. Conformal absorbing boundary conditions for the vector wave equation 21228
Chatterjee, A., Volakis, J.L., Windheiser, D. On the optimization of a finite element code for 3D scattering computation 44304
Chatterjee, A. *see* Ameraseckera, A. 10638
Chatterjee, A. *see* Ameraseckera, A. 28290
Chatterjee, A. *see* Ameraseckera, A. 35003
Chatterjee, A. *see* Chen, I.C. 19995
Chatterjee, A. *see* DeYoung, W.A. 22456
Chatterjee, A. *see* Nagi, N. 10362
Chatterjee, A. *see* Nagi, N. 10363
Chatterjee, A. *see* Rodder, M. 20004
Chatterjee, A. *see* Roy, R.K. 26865
Chatterjee, A. *see* Sil, A. 10606
Chatterjee, A.K. *see* Chatterjee, A. 38845
Chatterjee, C., Roychowdhury, V. Efficient image processing algorithms for enhanced desired gray scale images 22100
Chatterjee, K., Ramanarayanan, V. A comparative study of inverter circuits for induction heating 8516

Chatterjee, K., Ramanarayanan, V. Optimum design of single switch resonant induction heater 8987
Chatterjee, K.S. Life extension of insulation system of large rotating machines 16792
Chatterjee, M.R., Chen, S.-T. Multiple plane-wave scattering analysis of light diffraction by parallel Raman-Nath and Bragg ultrasonic cells with arbitrary frequency ratios 35515
Chatterjee, P. Origin of the modulated photocurrent in the presence of bias light in quantum efficiency measurements 28602
Chatterjee, P. *see* Malhi, S. 41670
Chatterjee, R. Microwave and millimeter-wave vacuum tube electron devices: overview and state-of-the-art 27426
Chatterjee, S. *see* Chang, C. 29816
Chatterjee, S. *see* Chienchung Chang 22038
Chatterjee, S. *see* Ricks, R.L. 30893
Chatterjee, S. *see* Samanta, L.K. 25679
Chatterjee, S.K. India's nuclear power programme and the resource crunch 8053
Chatterjee, U. *see* Bhar, G.C. 3833
Chatterjee, U. *see* Bhar, G.C. 28974
Chatterjee, U. *see* Bhar, G.C. 29018
Chatterjee, U.K. *see* Biswas, D.J. 3707
Chatterjee, U.K. *see* Satyamurthy, P. 25749
Chatterji, B.N. *see* Biswas, P.K. 45126
Chatterji, B.N. *see* Das, P.P. 4925
Chatterji, G. *see* Sridhar, B. 22273
Chatterji, G.B., Sridhar, B. Discrete range clustering using Monte Carlo methods 24429
Chatterji, G.B. *see* Sridhar, B. 13822
Chatters, T., Pouet, B., Krishnaswamy, S. ESPI with synchronized pressure stressing 901
Chatters, T. *see* Pouet, B. 3924
Chatterton, W.J. *see* Bertini, G.J. 47524
Chattopadhyay, A. *see* Seeley, C.E. 2738
Chattopadhyay, A.K. *see* Chakraborty, C. 40155
Chattopadhyay, D. Operational planning of power system: an integrated approach 39564
Chattopadhyay, D., Parikh, J.K. CO_2 emissions reduction from the power system in India 39956
Chattopadhyay, D. *see* Ghosh, P.K. 27520
Chattopadhyay, K.K., Mitra, P., Chaudhuri, S., Pal, A.K. Grain boundary barrier height in polycrystalline diamond films produced by DC plasma deposition of CO_2 and hydrogen 33724
Chattopadhyay, P. Functional dependence of open-circuit voltage on interface parameters and doping concentration of MIS solar cells 40486
Chattopadhyay, P., Das, K. Effect of deep-level impurities on the open-circuit voltage of an MIS solar cell 8765
Chattopadhyay, P. *see* Raychaudhuri, B. 28170
Chattopadhyay, P.K. *see* Goswami, S.K. 39588
Chattopadhyay, S., Das, P.P. A generalized approach to the reconstruction of a restricted class of digitized planar curves 4935
Chattopadhyay, S. *see* Banerjee, R. 795
Chattopadhyay, S. *see* Kim, K.-J. 43996
Chattopadhyay, T. *see* Bhattacharya, M. 34262
Chattot, J.J. *see* White, M.D. 41225
Chaturvedi, D.K., Satsangi, P.S. Predicting the performance characteristics of synchronous machine: an alternative approach 40119
Chaturvedi, P.K. *see* Basu, S. 44344
Chaturvedi, S.K. Poleless external plant 5627
Chatwin, C.R. *see* Young, R.C.D. 13596
Chau, D. *see* Issogna, P. 6125
Chau, F.S., Shang, H.M., Soh, C.C., Hung, Y.Y. Determination of fractional fringe orders in holographic interferometry using polarization phase shifting 21112
Chau, F.S. *see* Tay, C.J. 29077
Chau, H.-F., Beam, E.A., III High-speed, high breakdown voltage InP/InGaAs double-heterojunction bipolar transistors grown by MOMBE 27205
Chau, H.F. *see* Beam, E.A., III 41327
Chau, K.-T. *see* Chan, C.C. 25861
Chau, K.T. New constant-frequency multiresonant boost convertor 26676
Chau, K.T. *see* Chan, C.C. 8541
Chau, K.T. *see* Chan, C.C. 48186
Chau, K.T. *see* Chan, C.C. 48276
Chau, L.-P., Siu, W.-C. Recursive algorithm for the discrete cosine transform with general lengths 33464
Chau, M.D., Summerfield, C.D. Auditory models as front-ends for speech recognition in high noise environments 12999
Chau, M.T. *see* Dominguez, D. 31207
Chau, P. *see* Mil'shtein, S. 10613
Chau, P.M., Banerjee, S. Parallel implementations of direction finding algorithms on networks of general purpose DSP processors 29652
Chau, P.M. *see* Powell, S.R. 27060
Chau, P.M. *see* Wu, Y.-J. 34131
Chau, T. *see* Kehl, W. 37349
Chau-Jern Cheng, Ken Hsu, Tai-Chiung Hsieh, Yeh, P. An optical learning network with amplitude detection 11753
Chau-Jern Cheng *see* Hsu, K.Y. 11771
Chau-Yun Hsu Novel fixed-point roundoff analysis of the decimation-in-time FHT 33577
Chau-Yun Hsu, Wei-Mei Chen Application of pruning FFT technique to discrete extrapolation 9494
Chaudhary, A. *see* Gupta, R. 9355
Chaudhary, A.K.S., Tam, K.-S., Phadke, A.G. Modeling and validation of a transformer differential relay in EMTP 25514
Chaudhary, S.D., Kalra, P.K., Srivastava, S.C. Short term electric load forecasting using artificial neural network 32357
Chaudhri, A.K. A blue print for management revamp in DOT [Department of Telecommunications] 37208
Chaudhry, G.M. A modular approach to design multi-channel event recorder 14908
Chaudhry, M.I. *see* Bahavar, B. 765
Chaudhry, M.I. *see* Bahavar, B. 9575
Chaudhry, M.L. Alternative numerical solutions of stationary queueing-time distributions in discrete-time queues: *GI/G/*1 472
Chaudhry, M.S., O'Reilly, J.J. Multi-section GaAs MMIC group delay equaliser for dispersion-compensated 8 Gbit/s heterodyne transmission 27307
Chaudhry, M.S., O'Reilly, J.J. Fibre chromatic dispersion equalisation for coherent lightwave systems using GaAs MMIC networks 30798
Chaudhry, M.S., O'Reilly, J.J. Post-detection chromatic dispersion equalisation using GaAs MMICs in heterodyne detection systems 45934
Chaudhry, S.M. *see* Karpovsky, M.G. 18589
Chaudhuri, A. Telecom information systems 37210
Chaudhuri, A. Development of application systems [telecommunication software] 37211
Chaudhuri, A.K. *see* Das, S. 1830
Chaudhuri, A.K. *see* Samanta, B. 35559
Chaudhuri, A.S., Guchait, B. Mathematical models of MW generation of a thermal power station with interacting state variables 16661
Chaudhuri, B.B. Dynamic clustering for time incremental data 22252
Chaudhuri, B.B., Sarkar, N., Kundu, P. Improved fractal geometry based texture segmentation technique 13527
Chaudhuri, B.B. *see* Saha, P.K. 45101
Chaudhuri, B.B. *see* Sarkar, N. 36979
Chaudhuri, J. *see* Sywe, B.S. 18266
Chaudhuri, P. Distributed algorithm for finding the bridges of an undirected graph 13848
Chaudhuri, P., Middya, A.R., Ray, S. Photogeneration and recombination of carriers in hydrogenated amorphous silicon germanium alloys 8756
Chaudhuri, P.P. *see* Chowdhury, D.R. 41778
Chaudhuri, P.P. *see* Chowdhury, D.R. 41834
Chaudhuri, P.Pal *see* Pal Chaudhuri, P.
Chaudhuri, R. *see* Follett, D. 37309
Chaudhuri, S., Walker, R.A. ILP-based scheduling with time and resource constraints in high level synthesis 41784
Chaudhuri, S. *see* Chattopadhyay, K.K. 33724
Chaudhuri, S. *see* Gupta, P. 3315
Chaudhuri, S.K. *see* Safavi-Naeini, S. 43470
Chaudhuri, S.K. *see* Yousefi, M. 43242
Chaudhury, R.N. *see* Sudershan Kumar 33422
Chaudhury, S. *see* Chandrasekharam, R. 9887
Chaudhury, S. *see* Datta, S. 22172
Chaudhury, S. *see* Dutta, A. 22048
Chaudhury, S. *see* Vinod, V.V. 22173
Chaug-Ching Huang *see* Ruey-Ching Shyu 21665
Chauhan, B. *see* Dan, S. 4287
Chaum, D. *see* Bos, J.N.E. 21525
Chaum, D. *see* Brands, S. 36538
Chaumette, E., Comon, P., Muller, D. Application of ICA to airport surveillance 6141
Chaumette, E., Comon, P., Muller, D. ICA-based technique for radiating sources estimation: application to airport surveillance 24452
Chaumette, F. *see* Boukir, S. 22285
Chaunier, C., Lygeros, N. The number of nearly isomorphic posets having 12 elements 26304
Chaur-Chin Chen, Chung-Ling Huang Markov random fields for texture classification 5104
Chaur-Chin Chen *see* Jen-Hon Luo 22092
Chaur-Heb Hsieh, Kuo-Chiang Chuang, Jin-Sen Shue Image compression using finite-state vector quantization with derailment compensation 22041
Chaur-Heh Hsieh *see* Hao Jinchi 45125
Chaurasia, D.C. Alternate source of power generation and emerging technologies in the field of electricity 39709
Chaurey, A., Sadaphal, P.M., Tyaqi, D. Experiences with SPV water pumping systems for rural applications in India 25983
Chausov, A.A. *see* Kuznetsov, B.I. 10542
Chaussade, J.-P. Nuclear energy—an energy with a future 25145
Chaussy, D., Fox, R., Jaffard, J.-L. Fully programmable cellular audio and video matrixes 14779
Chauvaud, P. *see* Baritaud, T. 12931
Chauveau, N. *see* Rigaud, B. 31961
Chauvel, L. *see* Champion, G. 8108
Chauvet, C. *see* Laurent, C. 43219
Chauvet, P. *see* Gastaud, M. 11968
Chauvin, J., Touillon, R., Hostachy, J.Y., Martin, P., Buenerd, M. Optical design of a beam Cherenkov counter: chromatic corrections 46861
Chauvin, J. *see* Ballon, J. 7203
Chauvin, J. *see* Ballon, J. 31716
Chauvin, J. *see* Ballon, J. 46910
Chaux, R. A new method to measure the wavelength of single-mode pulsed lasers with a scanning Michelson interferometer 35942
Chauzat, C. *see* Chiaroni, D. 37687
Chavanne, J., Chinchio, E., Diot, M., Elleaume, P., Frachon, D., Lecornet, D., Marechal, X., Joan, C., Revol, F. Status of the ESRF insertion devices 7108
Chavel, P. *see* Lalanne, P. 3273
Chavel, P. *see* Lalanne, P. 4809
Chavel, P. *see* Laude, V. 3209
Chavel, P. *see* Seyd-Darwish, I. 21103
Chavel, P. *see* Zhai, H.C. 11695
Chavel, P. *see* Zhai, H.C. 44146
Chavez, G.T., Murphy, R.R. Exception handling for sensor fusion 29570
Chavez, W., Kanner, J. Reverse battery protection: a new niche for power bipolar transistors 25908
Chavez, W. *see* Gauen, K. 42964
Chavez, W. *see* Gauen, K. 42986
Chavez-Pirson, A., Ando, H., Saito, H., Kanbe, H. Quantum wire microcavity laser made from GaAs fractional layer superlattices 43859
Chawki, M.J., Valiente, I., Auffret, R., Tholey, V. All fibre, 1.5 μm widely tunable single frequency and narrow linewidth semiconductor ring laser with fibre Fabry Perot filter 12143
Chawki, M.J. *see* Valkova, T. 15012
Chawla, C. *see* Bishop, T. 2982
Chawla, C.P., Bishop, T.E., Szum, D.M., Schmid, S.R. Aspects of optical fiber durability 35372
Chawla, C.P., Poklacki, E.S. Effect of relative humidity on the mechanical properties of UV curable optical fiber coatings 2993
Chawla, M.Singh *see* Singh Chawla, M.
Chawla, P.S. General hardware architecture of 5ESS switch 14337
Chawla, S. *see* Smotherman, M. 34109
Chayahara, A. *see* Fukano, Y. 42574
Chayahara, A. *see* Yokota, K. 10805
Chayahara, A. *see* Yokota, K. 19780
Chazallet, F. *see* Grezes-Besset, C. 11806
Chazalviel, J.-N., Ozanam, F. Mechanism of electron injection during the anodic oxidation of silicon 10955
Chazanoff, S. *see* Baroth, E. 38416
Chazly, N.M.El *see* El Chazly, N.M.
Che Cheng-Jun *see* Che Ren-Sheng 38676
Che Nianzeng *see* Nianzeng Che
Che Ren-Sheng, Chen Li-Yan, Che Cheng-Jun, Huang Qing-Cheng New method of evaluating form and location error—a method of parameter space shrinkage 38676
Che Ren-Sheng, Chen Li-Yan, Chen Cheng-Jun, Huang Qing-Cheng Grating quadrature fringe subdivision with submicron accuracy and its application in CMM 31458
Che Yanlong *see* Yanlong Che
Che-Ho Wei *see* Shyue-Win Wei 21618
Che-Yu Li *see* Korhonen, M.A. 10989
Che-Yu Li *see* Korhonen, M.A. 34797
Cheah, E. *see* Tou, T.Y. 35652
Cheah, J.Y., Macgregor Smith, J. Generalized M/G/C/C state dependent queueing models and pedestrian traffic flows 41045
Cheah, J.Y.C. A tiny electromagnetics simulator 3952
Cheah, J.Y.C. Wet antenna effect on VSAT rain margin 5851
Cheah, J.Y.C. A proposed access method for the wireless LAN standard 37429
Chebaro, B., Crouzil, A., Massip-Pailhes, L., Castan, S. A double matching system in a sequence of stereoscopic images 22287
Cheben, P., Calvo, M.L. Wave-front conversion between a Gaussian beam with a cylindrical phase function and a plane wave in a monomode on-axis transmission holographic coupler 29044
Chebira, A., Reynaud, R., Maurin, T. Reconstruction of 2D parameters using infrared sensors 29779
Chebolu, S.R. *see* Kai-Fong Lee 44567
Cheborin, O.G., Shablii, V.P. Magnetic levitation based on the use of the effect of magnetic potential well 25901
Chebotarev, V.V. *see* Skibenko, A.I. 42139
Chechik, R., Breskin, A., Aclander, H., Comforti, E., Gibrekhterman, A. Secondary electron emission from thin CsI films induced by relativistic electrons 46868
Chechik, R. *see* Baur, R. 46897
Chechik, R. *see* Breskin, A. 42352
Chechik, R. *see* Malamud, G. 46899
Chechko, G.A. *see* Derkach, V.P. 28055
Chechurin, V.L. *see* Boronin, V.N. 44237
Check, K. *see* Clow, D. 9962
Chedid, R., Chaaban, F., Yehia, M., Freris, L.L. A novel permanent magnet low speed generator 8281
Chedid, R., Freris, L.L. Magnetic field analysis of asymmetrical machines by finite element method 32821
Chedid, R., LaWhite, N., Ilic, M. A comparative analysis of dynamic models for performance calculation of grid-connected wind turbine generators 32806
Chedzhemov, G.K., Kachan, L.V., Bondarchuk, Y.M. Apparatus for measuring a gas laser's

power versus gas composition and the pressure in laser tube 35928
Chedzhemov, G.Kh., Kachan, L.V., Bondarchuk, Ya.M. Relationships between some operating parameters of the LGN-208 helium-neon laser 3439
Chee, J.K. *see* Choi, B.S. 23346
Chee, M.S. *see* Tilson, P.G. 16493
Chee, P.Y., Liu, P.C., Siek, L. A high-speed current-mode sense-amplifier for [CMOS SRAM's] 10170
Chee Kheong Siew *see* Siew Chee Kheong
Chee Qwun Lee *see* Lee Chee Qwun
Chee San-Hwa *see* San-Hwa Chee
Chee Yee Kwok *see* Sik On Kong 19440
Chee Yee Kwok *see* Sik On Kong 19466
Chee Yee Kwok *see* Sik On Kong 19469
Chee Yeow Meng *see* Yeow Meng Chee
Chee-Yee Chong *see* Kuo-Chu Chang 38138
Chee-Yee Chong *see* Kuo-Chu Chang 44869
Cheek, G., O'Donoghue, G. Yield models in a design for manufacturability environment: a bibliography 9365
Cheek, J.B.S. *see* Cloete, M. 16369
Cheek, R.W., Fleming, J.G., Lujan, R.D., Blewer, R.S., Kelber, J.A. In situ detection of reaction products from the SiH_4+WF_6 CVD tungsten process by micro-volume mass spectrometry 829
Cheek, R.W., Kelber, J.A., Fleming, J.G., Blewer, R.S., Lujan, R.D. In situ monitoring of the products from the SiH_4+WF_6 tungsten chemical vapor deposition process by micro-volume mass spectrometry 18255
Cheeke, J.D.N. *see* Wang, Z. 11426
Cheeks, T.L. *see* Tanaka, M. 11449
Cheenne-Astorino, A. *see* Brackeniers, C. 16419
Cheesman, M.F., Jamieson, D.G. Using the Canadian Speech Research Environment (CSRE) to teach speech perception to undergraduates 13074
Cheetham, B.M.G. *see* Nicolson, L.J. 42051
Cheetham, B.M.G. *see* Tang, K.W. 29555
Cheetham, W.J., Ball, R.A. Serial communication links to protective relays 47395
Cheeti, S.K.R. *see* Kihm, K.D. 361
Cheevasuvit, F. *see* Dejhan, K. 10366
Cheevasuvit, F. *see* Dejhan, K. 18520
Chegis, R. *see* Girdauskas, V. 44123
Cheh, H.Y. *see* Podlaha, E.J. 25632
Cheh, H.Y. *see* Podlaha, E.J. 25633
Chehab, R. *see* Baier, V.N. 31614
Chehdi, K. An approach to the automatic filtering of images 22202
Chehouani, H., Benet, S., Armas, B., Combescure, C., Figueras, A., Garelik, S. Transport phenomena in a cold wall vertical reactor for metalorganic vapor phase growth of β-SiC layers 9733
Cheim, L.A.V., Howe, A.F. Spectroscopic observation of high breaking capacity fuse arcs 48001
Chein-I Chang *see* Wolfe, L.B. 4362
Chein-Wei Jen *see* Chia-Hsing Lin 18716
Chein-Wei Jen *see* Jen-Sheng Hung 36851
Chein-Wei Jen *see* Jiun-In Guo 18621
Chekin, S.G. *see* Mirzoeva, L.A. 32160
Chekin, S.G. *see* Mirzoeva, L.A. 32161
Chekrygina, I.M. *see* Evtushenko, O.I. 21368
Chel, S. *see* Cavedon, J.M. 15354
Chel Choi Won *see* Won Chel Choi
Chelberg, D.M. *see* Hsu, J. 24224
Chelberg, D.M. *see* Yi, J.H. 13691
Cheli, R. *see* Casini, C. 48353
Cheliotis, P. *see* Fitsilis, P. 37232
Chella, A. *see* Ardizzone, E. 22258
Chellappa, R., Rosenfeld, A. Current issues in computer vision 4924
Chellappa, R. *see* Qinfen Zheng 22225
Chellappa, R. *see* Zerubia, J. 5117
Chelles, S., Devaux, F., Ougazzaden, A., Mircea, A., Heut, F., Carre, M. Polarization insensitive electroabsorption modulator using strained InGaAsP/InGaAsP multiple quantum wells 35487
Chelnokov, V.E. *see* Ivanov, P.A. 11216
Chel'nyi, A.A. *see* Zhuravleva, O.V. 43902
Chemla, D.S. Nonlinear optics in quantum-confined structures 3880
Chemla, Y.R. *see* Chen, G. 12038
Chemouil, P. *see* Khalfet, J. 45484
Chemseddine, A. *see* Kornowski, A. 26390
Chen, A.C. *see* Progler, C.J. 27893
Chen, A.C. *see* Progler, C.J. 27976
Chen, A.C.-Y. *see* Kozlowski, L.J. 46502
Chen, A.S., Nguyen, L.T., Gee, S.A. Effect of material interactions during thermal shock testing on IC package reliability 40943
Chen, A.S. *see* Nguyen, L.T. 40957
Chen, A.Y.-T. *see* Chiou, C.-Y. 25084
Chen, B., Hook, T., Starkey, G., Bhattacharyya, A., Faucher, M., Racine, C., Willets, C., Eslinger, S., Kulkarni, S., King, W., Washburn, C., Piccirillo, J., Mongeon, S., Johnson, A., Gabrielle, E. Yield improvement for a 3.5-ns BiCMOS technology in a 200-mm manufacturing line 20026
Chen, B., Marek-Sadowska, M. Timing driven placement of pads and latches 18648
Chen, B., Ruan, Y., Xu, Y., Gong, S. Nonlinear decoupling control strategy for variable frequency induction motor system fed by hysteresis-band current-controlled PWM inverter 8428
Chen, B. *see* Agrawal, G. 5492
Chen, B. *see* Agrawal, G. 45337
Chen, B. *see* Bekefi, G. 43698
Chen, B. *see* Herman, P.R. 19602
Chen, B.D., Marek-Sadowska, M. Performance-driven placement with cell sizing for standard-cell integrated circuits 18411
Chen, B.H. *see* Thomopoulos, S.C.A. 29830
Chen, B.L. *see* Krause, S.J. 1968
Chen, C., Bekefi, G., Hu, W. Linear and nonlinear analysis of the cyclotron two-stream instability 11911
Chen, C., Hu, W., Bekefi, G. Two-dimensional nonlinear theory of double-stream cyclotron masers 28688
Chen, C., Luckjiff, G.A., Venkataramanan, G., Divan, D.M. System design issues for resonant DC link inverter based drives 8574
Chen, C. *see* Bekefi, G. 19299
Chen, C. *see* Catravas, P. 19307
Chen, C. *see* Chand, N. 18204
Chen, C. *see* Padamsee, H. 15428
Chen, C. *see* Zhang, J.Y. 3855
Chen, C. *see* Zhang, S. 11720
Chen, C.-F., Pang, K.K. The optimal transform of motion-compensated frame difference images in a hybrid coder 13538
Chen, C.-H., Saab, D.G. Behavioral synthesis for testability 26887
Chen, C.-J., Mourad, S. Testing gate-to-channel shorts in BiCMOS logic gates 18690
Chen, C.-J., Wai, P.K.A., Menyuk, C.R. Stability of passively mode-locked fiber lasers with fast saturable absorption 28795
Chen, C.-J. *see* Duling, I.N., III 44020
Chen, C.-J. *see* Henesian, M.A. 35943
Chen, C.-K. *see* Lee, J.-H. 10312
Chen, C.-L. *see* van Rheenen, A.D. 19898
Chen, C.-M. *see* Ying, T.-F. 47915
Chen, C.-P., Chang, Y.A., Huang, J.-W., Kuech, T.F. High Schottky barrier height of the Al/n-GaAs diodes achieved by sputter deposition 34909
Chen, C.-P., Jan, C.-H., Chang, Y.A., Kuech, T. A tunable Schottky barrier to n-GaAs using Ni(Ga,Al) contacts 19424
Chen, C.-R., Jiang, S.-H., Tseng, H.-H., Chang, H.-F. Energy response and filter compensation of PIN Si photodiode for personal dosimetry application 15938
Chen, C.-S., Cho, M.-Y. Energy loss reduction by critical switches 24844
Chen, C.-S. *see* Yang, J.-J. 20017
Chen, C.-T. *see* Pan, X. 37038
Chen, C.-T. *see* Wu, C. 39027
Chen, C.-W., Wu, M.-C. Double-heterostructure $Ga_{0.68}In_{0.32}P/Ga_{0.88}In_{0.12}As_{0.34}P_{0.66}/Ga_{0.68}In_{0.32}P$ orange light-emitting diodes 11864
Chen, C.-W. *see* Chen, T.-R. 9226
Chen, C.-X., Komatsu, M., Kinoshita, K. Channel-grouping methods on go-back-N ARQ scheme in multiple-parallel-channel system 45349
Chen, C.C., Nasrallah, M.M., Anderson, H.U. Preparation and electrode characteristics of dense $La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O_3$ thin films by polymeric precursors 17273
Chen, C.C., Nasrallah, M.M., Anderson, H.U. Cathode/electrolyte interactions and their expected impact on SOFC performance 17370
Chen, C.C. *see* Lee, L.-W. 4941
Chen, C.C. *see* Ting, G. 46833
Chen, C.E.D. *see* Kalnitsky, A. 26961
Chen, C.H., Yen, H.C., Tan, K., Callejo, L., Onak, G., Streit, D.C., Liu, P.H., Schellenberg, J.M. 20 GHz high power high efficiency HEMT module 1612
Chen, C.H. *see* Chiou, R.N. 36958
Chen, C.H. *see* Ke, J.-Y. 4206
Chen, C.H. *see* Lai, R. 19048
Chen, C.H. *see* Lin, M.-S. 12629
Chen, C.H. *see* Wang, S.R. 41915
Chen, C.J. *see* Wang, Q. 20448
Chen, C.K. *see* Bor-Yeu Tsaur 46446
Chen, C.L., Hsiao, M.Y., Bossen, D.C. BC412 bar code for silicon wafers 17830
Chen, C.L. *see* Vijaya Kumar, B.V.K. 30103
Chen, C.M. *see* Tan, M. 31997
Chen, C.N. *see* Chang, M.C. 19855
Chen, C.P., Din, K.S., Huang, F.S. Reactive ion etching of $TaSi_x$ in a CF_4-O_2 discharge 10975
Chen, C.P. *see* Chin-Chen Chang 21570
Chen, C.S., Li, C.F., He, M.C., Yang, D.R., Que, D.L. PN junction formation by two steps annealing 19482
Chen, C.S., Sheen, J.N. Cost benefit of a cooling energy storage system 33153
Chen, C.S. *see* Chen, F. 6354
Chen, C.S. *see* Kuo, J.B. 2513
Chen, C.S. *see* Tsay, M.T. 16306
Chen, C.S. *see* Yan, Y.H. 32260
Chen, C.S. *see* Yuan, J. 21590
Chen, C.W., Kim, J.W., Silvestre, P., Hafich, M.J., Woods, L.M., Robinson, G.Y., Lile, D.L. A low drive voltage electroabsorption modulator using an InGaAs/InP superlattice 20566
Chen, C.W. *see* Hsieh, J.C. 11198
Chen, C.W. *see* Kim, J.W. 20370
Chen, C.Y. *see* Feng, M.S. 715
Chen, C.Y.R. *see* Ahmad, I. 18659
Chen, C.Y.R. *see* Carlson, B.S. 9908
Chen, C.Y.R. *see* Carlson, B.S. 10120
Chen, D., Sugino, S., Yu, Z., Dutton, R.W. Modeling of the charge balance condition on floating gates and simulation of EEPROMs 18701
Chen, D. *see* Aprile, E. 31717
Chen, D. *see* Aprile, E. 46900
Chen, D. *see* Leger, J.R. 28921
Chen, D. *see* Qian, S. 9495
Chen, D. *see* Steier, W.H. 43481
Chen, D.-L., Waldron, R. A single-chip 266 Mb/s CMOS transmitter/receiver for serial data communications 30833
Chen, D.-S., Sarrafzadeh, M. A wire-length minimization algorithm for single-layer layouts 26607
Chen, D.-X. *see* Sanchez, A. 2917
Chen, D.N. *see* Motoshima, K. 43791
Chen, D.P. *see* Hartmann, C.S. 2757
Chen, D.P. *see* Hartmann, C.S. 2777
Chen, D.S., Roy, S., Mau, S.C. Adaptive multi-user decorrelating receiver for CDMA systems 45801
Chen, D.W. *see* Bar-Ness, Y. 37091
Chen, D.W. *see* Siveski, Z. 45302
Chen, D.Y. *see* Cai, S.Z. 42148
Chen, D.Y. *see* Chen, Y.-T. 8497
Chen, D.Y. *see* Mitter, C.S. 35009
Chen, E.I. *see* Richard, T.A. 28084
Chen, E.I. *see* Sugg, A.R. 10917
Chen, E.J., Jenkins, W.K., O'Brien, W.D., Jr. The accuracy and precision of estimating tissue displacements from ultrasonic images 7401
Chen, E.T.-Y. *see* Hwang, J.-N. 22290
Chen, F., Ma, S., Chen, C.S. A novel high-speed data acquisition system 6354
Chen, F. *see* Prasad, S. 20009
Chen, F.C. *see* Mei, V.C. 25904
Chen, F.R. *see* Chou, W.C. 42472
Chen, G., Davies, A.E., Doble, I. Electrical DC breakdown characteristics of injection moulded LDPE insulation 43145
Chen, G., Mazumder, M.M., Chemla, Y.R., Serpenguzel, A., Chang, R.K., Hill, S.C. Wavelength variation of laser emission along the entire rim of slightly deformed microdroplets 12038
Chen, G., Roth, G., Maisenholder, F. Laser welding of aluminium-magnesium alloys 29067
Chen, G. *see* Koc, C.K. 33533
Chen, G.C., Hodgkiss, W.S. VLF source localization with a freely drifting acoustic sensor array 4663
Chen, G.C. *see* McKinley, J.T. 44082
Chen, G.H. *see* Chan, C.C. 25861
Chen, G.H. *see* Chan, C.C. 48276
Chen, G.P., Malik, O.P., Hope, G.S., Qin, Y.H., Xu, G.Y. An adaptive power system stabilizer based on the self-optimizing pole shifting control strategy 32220
Chen, G.P. *see* Zhang, Y. 32310
Chen, H. *see* Qiu, J. 24593
Chen, H. *see* Xiao, Q.F. 15486
Chen, H. *see* Yang, B. 25376
Chen, H.-H. *see* Liu, Y. 4486
Chen, H.-J., Shirai, Y., Asada, M. Detecting multiple rigid image motions from an optical flow field obtained with multi-scale, multi-orientation filters 22165
Chen, H.-S. *see* Parsons, J.D. 728
Chen, H.-S. *see* Parsons, J.D. 41310
Chen, H.-T. *see* Wong, K.-L. 21405
Chen, H.B., Li, L., Brookfield, D.J., Steen, W.M. Multi-frequency fibre optic sensors for in-process laser welding quality monitoring 23657
Chen, H.D. *see* Feng, M.S. 26419
Chen, H.H., Wong, C.K. XY and Z-direction coupled noise minimization in multichip module layout design 17850
Chen, H.H., Wong, C.K. Wiring for manufacturability and yield maximization in computer-aided VLSI design 19967
Chen, H.H. *see* Houng, M.P. 19726
Chen, H.H. *see* Tseng, B.H.P. 1234
Chen, H.H. *see* Wang, Y.H. 28193
Chen, H.M. *see* Berry, F.C. 39297
Chen, H.P. *see* Hsu, K.T. 42886
Chen, H.P. *see* Kuo, J.B. 10141
Chen, H.R., Lee, C.P., Chang, C.Y., Tsai, K.L., Tsang, J.S. Current gains of AlAs/GaAs tunnelling emitter bipolar transistors with 25-500 Å barrier thickness 2463
Chen, H.R., Lee, C.P., Chang, C.Y., Tsai, K.L., Tsang, J.S. Evidence of zero potential spike energy in AlGaAs/GaAs heterostructure emitter bipolar transistors 11166
Chen, H.R. *see* Tsang, J.S. 12238
Chen, H.R. *see* Tsang, J.S. 43672
Chen, H.T. *see* Chiu, C.H. 46927
Chen, I. *see* Korevaar, E. 6046
Chen, I.C., Rodder, M., Chatterjee, A., Teng, C.W. A trench isolation study for deep submicron CMOS technology 19995
Chen, I.C. *see* Rodder, M. 20004
Chen, J., Eltoukhy, S., Yen, S., Wang, R., Issaq, F., Bakker, G., Yeh, J.L., Poon, E., Liu, D., Hamdy, E. A modular 0.8 μm technology for high performance dielectric antifuse field programmable gate arrays 18697

Chen, J., Imasaki, K., Fujita, M., Yamanaka, C., Asakawa, M., Nakai, S., Asakuma, T. Development of a compact high brightness X-ray source 47026
Chen, J., Itoh, S., Hashimoto, T. Wavelet pyramid image coding with predictable and controllable subjective picture quality 22059
Chen, J., Itoh, S., Hashimoto, T. Scalar quantization noise analysis and optimal bit allocation for wavelet pyramid image coding 22061
Chen, J., Itoh, S., Hashimoto, T. ECG data compression by using wavelet transform 31933
Chen, J., Lai, G., Ishizuka, K., Tonomura, A. Method of compensating for aberrations in electron holography by using a liquid-crystal spatial-light modulator 44150
Chen, J., Tsukamoto, O., Hanazato, A. Reduction of seek-time of hard disk drive by dead-beat control 20156
Chen, J., Udayakumar, K.R., Brooks, K.G., Cross, L.E. Ferroelectric thin films for microactuator applications 11365
Chen, J., Weinert, H.L. A new characterization for multivariate Gaussian reciprocal processes 9394
Chen, J., Wu, C., Wu, K.-L., Litva, J. Combining an autoregressive (AR) model with the FD-TD algorithm for improved computational efficiency 4028
Chen, J., Yan, L., Li, Y. Switching systems and switching software development in China 5657
Chen, J. *see* Asakawa, M. 3695
Chen, J. *see* Asakawa, M. 43691
Chen, J. *see* Bayoumi, M.M. 4866
Chen, J. *see* Clarke, T.A. 23896
Chen, J. *see* Cui, T.J. 36116
Chen, J. *see* Luo, B. 43886
Chen, J. *see* Tsukamoto, O. 16779
Chen, J. *see* Udayakumar, K.R. 11371
Chen, J. *see* Udayakumar, K.R. 11409
Chen, J. *see* Wang, J. 35783
Chen, J. *see* Yi, X.J. 33637
Chen, J. *see* Zhou, C. 30582
Chen, J.-F., Zagzebski, J.A., Madsen, E.L. Tests of backscatter coefficient measurement using broadband pulses 15703
Chen, J.-L., Tsai, R., Tzeng, H.-W. A symptom-driven fuzzy system for isolating faults 24932
Chen, J.-L. *see* Tsai, R. 16274
Chen, J.-S. *see* Youn, L.T. 8036
Chen, J.C., Stanton, P.H., Reilly, H.F. Jr. Skew-grid dichroic plate with rectangular apertures for use on a Ka-band beam waveguide antenna 21424
Chen, J.C. *see* Ma, Z.J. 42990
Chen, J.De.Z., Zhiyue Lin Adaptive cancellation of the respiratory artifact in surface recording of small intestinal electrical activity 15865
Chen, J.D.Z., Schirmer, B.D., McCallum, R.W. Measurement of electrical activity of the human small intestine using surface electrodes 15841
Chen, J.F., Chen, L.J., Lur, W. Thermal stability of $TiSi_2$ on high dose ion implanted silicon 2241
Chen, J.F., Chu, C.L., Huang, C.L. The parallel operation of two UPS by the coupled-inductor method 8549
Chen, J.H. *see* Drusedau, T. 27496
Chen, J.H. *see* Paul, W. 35556
Chen, J.L., Lee, C.-R. Qualitative programming method for qualitative design evaluation in the conceptual design stage 226
Chen, J.L. *see* Hwang, T. 37608
Chen, J.R. *see* Barker, P.S. 23754
Chen, J.S., Kolawa, E., Ruiz, R.P., Nicolet, M.-A. Stable Pt/Ge/Au ohmic contact to n-GaAs with a Ta-Si-N barrier 27570
Chen, J.S. *see* Kolawa, E. 10998
Chen, J.S. *see* Liu, W.S. 672
Chen, J.S.-C., Cidon, I., Ofek, Y. A local fairness algorithm for gigabit LAN's/MAN's with spatial reuse 22513
Chen, J.S.C. *see* Palmer, C.C. 14226
Chen, J.S.P. *see* Srinivasan, D. 39591
Chen, J.T. *see* Hein, I.A. 24255
Chen, J.T. *see* Wang, L.-Q. 4017
Chen, J.Y., Najafi, S.I. Nonlinear waves and bistabilities in waveguides and all-optical switches 21064
Chen, J.Y., Najafi, S.I., Honkanen, S. Polymer-glass-waveguide all-optical switches 5647
Chen, J.Y. *see* Najafi, S.I. 3110
Chen, J.Y.M. *see* Maw-Kae Hor 5002
Chen, K., Horng, L., Tai, C.H., Wei, J.C., Yang, T.J., Lue, J.T. Enhancement of magnetic fields generated by high-T_c superconducting coils 35296
Chen, K. *see* Jansson, C. 41716
Chen, K. *see* Song, J. 29208
Chen, K. *see* Webster, S. 1297
Chen, K.-L. A conductive channel size comparison of silicon dielectric and amorphous silicon antifuses 18698
Chen, K.A., Ma, Y.L. An intermittent RLS algorithm and its application to adaptive active wideband noise control 4595
Chen, K.C., Warne, L.K. Uniform formulas for infinite antenna current 4251
Chen, K.C. *see* Ko, C.Y. 37433
Chen, K.H., Chou, P.S.K., Juang, D.C., Chung-Yu Wu A BiCMOS signal processor for B/W CCD camera 18792
Chen, K.H. *see* Xiang, F. 3096
Chen, K.L. *see* Gielisse, P.J. 17869
Chen, K.L. *see* Hsu, K.T. 42886
Chen, K.L. *see* Huang, H.S. 28264
Chen, K.M. *see* Dabiran, A.M. 33613
Chen, K.M. *see* Rothwell, E. 46048
Chen, K.S., Fung, A.K., Amar, F. An empirical bispectrum model for sea surface scattering 24503
Chen, K.Y., Biernacki, P., Mickelson, A.R., Popovic, Z.B. Optical measurements of microwave grid oscillator power combiners 1590
Chen, K.Y. *see* Hsiao, J.M. 5918
Chen, L. Integration of neural networks and expert systems for condition monitoring 8691
Chen, L. Application of chaotic simulation and self-organizing neural net to power system voltage stability monitoring 16124
Chen, L., Ikeda, K., Azuma, H., Ishizeki, M., Sakai, T., Nakamura, S., Suzuki, A., Ogimoto, K. Optimal electric generation planning for interconnected systems by Benders decomposition 16258
Chen, L., Sekiguchi, A., Podlesnik, D. Neutral beam source design and beam kinetic energy activated SiO_2 etching 10959
Chen, L., Uno, T., Adachi, S., Luebbers, R.J. FDTD analysis of a monopole antenna mounted on a conducting box covered with a layer of dielectric 29346
Chen, L., Voumard, P. An intelligent condition monitoring, diagnosis and maintenance system for circuit breakers 8696
Chen, L. *see* Bernstein, A. 31661
Chen, L. *see* Deliyannides, G. 33974
Chen, L. *see* Hu, K. 3201
Chen, L. *see* Kapre, R.M. 3385
Chen, L. *see* Tao, J. 40117
Chen, L. *see* Tate, J.P. 18972
Chen, L. *see* Wang, M.-Z. 31689
Chen, L.-C., Rau, J.-Y. A unified solution for digital terrain model and orthoimage generation from SPOT stereopairs 39359
Chen, L.-H., Liao, H.-Y. Stereo correspondence by surface segmentation 22181
Chen, L.J. *see* Chang, T.C. 41456
Chen, L.J. *see* Chen, J.F. 2241
Chen, L.J. *see* Hsieh, W.Y. 27576
Chen, L.J. *see* Lin, R.J. 36251
Chen, L.J. *see* Liu, C.S. 19419
Chen, L.J. *see* Liu, C.S. 19576
Chen, L.J. *see* Liu, C.S. 26452
Chen, L.J. *see* Liu, C.S. 34764
Chen, L.K. *see* Cheung, K.W. 30711
Chen, L.P., Liu, J.M., Liu, C.T., Burrus, C.A., Cho, A.Y. Novel high-speed graded superlattice InAlGaAs photovoltaic detector 23593
Chen, L.Q. *see* Al-Raweshidy, H.S. 30809
Chen, L.W. *see* Karikomi, M. 29389
Chen, M. *see* Fustar, S. 39497
Chen, M. *see* Li, H. 25878
Chen, M.-J., Gu, Y.-B., Wu, T., Hsu, P.-C., Liu, T.-H. New observation of charge injection in MOS analogue switches 35087
Chen, M.-M. *see* Tsang, C. 11479
Chen, M.-S. *see* Li, C.-S. 5249
Chen, M.C. *see* Chandra, D. 10789
Chen, M.F., Faw, R.E. Build-up factors for gamma rays obliquely incident on slab shields of concrete, iron, and lead 32002
Chen, M.H. *see* Lu, W. 46496
Chen, M.S. *see* Dulcey, C.S. 11089
Chen, N., Nakano, Y., Tada, K. Fabrication of multiple-electrode chirped-grating-tunable distributed-feedback lasers 43866
Chen, N.-C. *see* Wong, K.-L. 21405
Chen, O.T.-C. *see* Wai-Chi Fang 41969
Chen, P., Ng, C.-K., Rajagopalan, S. Luminosity enhancement by a self-ionized plasma in e^+e^- collisions 6963
Chen, P. *see* Chen, W. 10877
Chen, P. *see* Choo, A.G. 2075
Chen, P. *see* Hu, K. 3201
Chen, P. *see* Kapre, R.M. 3385
Chen, P. *see* Kumar, M. 10818
Chen, P. *see* Kwan-Hwa Jan 46310
Chen, P. *see* Lee, S.S. 41468
Chen, P. *see* Steckl, A.J. 2076
Chen, P. *see* Steckl, A.J. 10819
Chen, P. *see* Yokoya, K. 31603
Chen, P. *see* Young, A.T. 46825
Chen, P.-C., Liu, B.-D., Wang, J.-F. Overall consideration of scan design and test generation 26769
Chen, P.A., Juang, C., Chang, C.Y. Carrier-induced energy shift in GaAs/AlGaAs multiple quantum well laser diodes 35875
Chen, P.C., Lin, J.Y., Hsu, Y.J., Hwang, H.L. Atomic oxidation of ultra thin SiGe using afterglow oxygen plasma 10932
Chen, P.C. *see* Hsu, Y.J. 1892
Chen, Q., Defrise, M., Deconinck, F. Three dimensional image registration based on parameter accumulation 21999
Chen, Q., Fusco, V.F. Numerical electromagnetic simulator termination de-embedding technique 42147
Chen, Q., Konrad, A., Biringer, P.P. Sensitivity analysis of the integrodifferential finite element — Green's function method 41204
Chen, Q., Konrad, A., Biringer, P.P. A hybrid approach to the solution of open boundary eddy current problems under TM field excitation 44248
Chen, Q., Zou, N., Willander, M. Charge-control and mobility in Si delta-doped FETs grown by MBE 19906
Chen, Q. *see* Nanzhi Zou 34903
Chen, Q.T. *see* Guan, L. 7832
Chen, Q.X., Davies, A., Dewhurst, R.J., Payne, P.A. Photo-acoustic probe for intra-arterial imaging and therapy 7371
Chen, Q.X. *see* Payne, P.A. 47299
Chen, R., Tomasz, M. Transconductance amps: easier wideband design 26724
Chen, R.-M. *see* Wu, W.-C. 10360
Chen, R.H., Gao, J., Malik, O.P., Hope, G.S., Wang, S.-y., Xiang, N.-d. Multi-contingency preprocessing for security assessment using physical concepts and CQR with classifications 24690
Chen, R.H., Malik, O.P., Hope, G.S., Wheatley, R. Parallel processing for power system security assessment with open system techniques 32470
Chen, R.L., Spanos, C.J. Self-learning fuzzy modeling of semiconductor processing equipment 1989
Chen, R.M.M. *see* Lai, Y.M. 19121
Chen, R.S., Fang, D.G., Li, X.G. Analysis of open microstrip lines by MOL 12681
Chen, R.T. Building blocks for a 10×10 crossbar switch based on GaAs/GaAlAs channel waveguide array 3839
Chen, R.T. Graded-index single-mode polymer waveguide hologram on GaAs substrate for near-infrared twelve-channel wavelength division demultiplexer 5648
Chen, R.T. Architecture and building blocks for VME optical backplane bus 5967
Chen, R.T. Polymer-based photonic integrated circuits 20576
Chen, R.T. Polymer-based waveguide hologram for near-infrared twelve-channel wavelength division demultiplexer on a semi-insulating GaAs substrate 30570
Chen, R.T., Lee, M., Natarajan, S., Chuan Lin, Ho, Z.Z., Robinson, D. Single-mode Nd^{3+}-doped graded-index polymer waveguide amplifier 43778
Chen, R.T., Robinson, D., Shih, R. Single-mode optically-activated phase modulator on GaAs/GaAlAs compound semiconductor channel waveguides 3100
Chen, R.T., Shih, R., Robinson, D., Jannson, T. Single-mode optically activated phase modulator on GaAs/GaAlAs compound semiconductor rib waveguides 20343
Chen, R.T., Tang, S., Savant, G., Jannson, T. Compression-molded polymer based optical bus 3371
Chen, R.T. *see* Shih, R. 3373
Chen, R.T. *see* Suning Tang 43688
Chen, R.W., Hwang, F.K., Li, W.-C.W. Consecutive-2-of-*n*:F systems with node and link failures 17973
Chen, R.X. *see* Yan, H.H. 39453
Chen, S., Glavitsch, H. Stabilizing switching 32293
Chen, S., Grant, P.M., McLaughlin, S., Mulgrew, B. Complex-valued radial basis function networks 13473
Chen, S., McLaughlin, S., Mulgrew, B. Complex-valued radial basis function network. I. Network architecture and learning algorithms 29663
Chen, S., McLaughlin, S., Mulgrew, B. Complex-valued radial basis function network. II. Application to digital communications channel equalisation 45412
Chen, S., Mulgrew, B., Grant, P.M. A clustering technique for digital communications channel equalization using radial basis function networks 4760
Chen, S., Mulgrew, B., McLaughlin, S. Adaptive Bayesian equalizer with decision feedback 12799
Chen, S., Tadayon, S., Ho, T., Pande, K., Rice, P., Adair, J., Ghahremani, M. U-band MMIC HBT DRO 42222
Chen, S. *see* Doiron, T. 239
Chen, S. *see* Johnson, R.I. 27492
Chen, S. *see* Ko, K.-Y. 2081
Chen, S. *see* Ko, K.Y. 2044
Chen, S. *see* Ton, T.-N. 1574
Chen, S.-G. An area/time-efficient motion estimation micro core 1169
Chen, S.-H. *see* Chang, P.-C. 4481
Chen, S.-T. *see* Chatterjee, M.R. 35515
Chen, S.H. *see* Bandler, J.W. 1449
Chen, S.H. *see* So, P.P.M. 27198
Chen, S.L., Huang, S.R. Improvement on state formulation, stratification and estimation in Monte Carlo production cost simulation [for power system planning] 7898
Chen, S.M. *see* Su, Y.K. 34570
Chen, S.N., Wong, J.H. Numerical study of the flow performance of a two-stage MHD combustor cold model 25742

Chen, S.R. *see* Liu, C.S. 26452
Chen, S.S., Keller, J.M., Crownover, R.M. On the calculation of fractal features from images 21947
Chen, S.S. *see* Kuo, J.B. 2534
Chen, S.S. *see* Kuo, J.B. 18791
Chen, S.S. *see* Kuo, J.B. 19825
Chen, S.T. *see* Wang, H. 19118
Chen, S.X. *see* Tylavsky, D.J. 16131
Chen, S.Y., Patel, M.M., Engler, P.E., Kosonocky, W.F., Mansour, H., Petrone, S. Infrared imaging of burn wounds 31908
Chen, T. Nonlinear coupling in the crossing-angle beam-beam interaction 46717
Chen, T., Djokovic, I., Vaidyanathan, P.P. Results on multidimensional nonuniform rational maximally-decimated filter banks with orthonormal filters 29707
Chen, T., Feeney, J., Fox, G., Frieder, G., Ranka, S., Wilhelm, B., Yu, F. A low-latency programming interface and a prototype switch for scalable high-performance distributed computing 13899
Chen, T., Irwin, J., Siemann, R. Simulation of the beam halo from the beam-beam interaction 46796
Chen, T., Scott, J.F. Ferroelectric PMN photonic sensors: adiabatic response 38512
Chen, T., Sunada, G. A self-testing and self-repairing structure for ultra-large capacity memories 1230
Chen, T., Vaidyanathan, P.P. General theory of time-reversed inversion for perfect reconstruction filter banks 29602
Chen, T., Zhu, L. An expandable column FFT architecture using circuit switching networks 41939
Chen, T. *see* Scott, J.F. 35147
Chen, T.-C. *see* Pan, C.-T. 33879
Chen, T.-C. *see* Pan, C.-T. 40342
Chen, T.-H. Complex short circuit MVA method for power system studies 39466
Chen, T.-P. *see* Lin, J.-F. 43951
Chen, T.-R., Chen, C.-W., Kao, J., Christensen, S., Scheidtmann, E. Due window scheduling for IC sort and test with precedence constraints via Lagrangian relaxation 9226
Chen, T.C. *see* Chang, Y.H. 42502
Chen, T.H. *see* Wang, H. 1580
Chen, T.L. *see* Chen, Y.C. 35281
Chen, T.L. *see* Lin, R.J. 36251
Chen, T.M. Excess noise and reliability of Al- based thin films 11273
Chen, T.P., Lee, T.C., Fung, S., Beling, C.D. A photovoltaic study of current transport and its influence on the determination of the Schottky barrier height in Schottky diodes 42845
Chen, T.R., Eng, L.E., Zhao, B., Zhuang, Y.H., Yariv, A. Strained single quantum well InGaAs lasers with a threshold current of 0.25 mA 12215
Chen, T.R. *see* Iannelli, J.M. 3625
Chen, T.R. *see* Lau, K.Y. 11585
Chen, V.C. Detection of radar signal in noise using optimum time-frequency receiver 6111
Chen, V.C. Detection of signal in noise using optimum wavelet receiver 21833
Chen, V.C., Tsao, T.-R. Gabor-wavelet pyramid for the extraction of image flow 22108
Chen, W., Chen, P., Madhukar, A., Viswanathan, R., So, J. Creation of 3D patterns in Si by focused Ga-ion beam and anisotropic wet chemical etching 10877
Chen, W., Ditzian, Z., Ivanov, K. Strong converse inequality for the Bernstein-Durrmeyer operator 18053
Chen, W., Fan, Y., Hsu, K.W. An 8×8 discrete cosine transform model using VHDL 18811
Chen, W., Lee, K.F., Lee, R.Q. Spectral domain full wave analysis of the input impedance of coaxially-fed rectangular microstrip antennas 29296
Chen, W., Lin, J., Banerjee, S., Lee, J. Using $CoSi_2$/polysilicon polycide structure as a gate diffusion source in rapid thermal processing 2068
Chen, W., Lin, J., Banerjee, S., Lee, J. The impact of pre-silicidation heat treatment and dopant effects on the thermal stability of $CoSi_2$ polycide during rapid thermal annealing 2245
Chen, W., Spariosu, K., Stultz, R., Kuo, Y.K., Birnbaum, M., Shestakov, A.V. Cr^{4+}:GSGG saturable absorber Q-switch for the ruby laser 20949
Chen, W. *see* Boardman, A.D. 43263
Chen, W. *see* Haven, D. 6692
Chen, W. *see* Kahn, F.J. 6699
Chen, W. *see* Lin, J. 2067
Chen, W. *see* Nuttall, K.I. 2589
Chen, W. *see* Williams, D.A. 2600
Chen, W.-H., Tang, C.Y., Ural, H. Minimum-cost synchronizable test sequence generation via the duplexU digraph 5239
Chen, W.-K. *see* Tang, H. 18010
Chen, W.-M., Lin, J., Banerjee, S.K., Lee, J.C. Simultaneous shallow-junction formation and gate doping p-channel metal-semiconductor-oxide field-effect transistor process using cobalt silicide as a diffusion/doping source 19856
Chen, W.J. *see* Liu, C.S. 26452
Chen, W.K. *see* Gong, J.A. 1568
Chen, W.L., Haddad, G.I., Munns, G.O., East, J.R. Experimental realization of the bound state resonant tunneling transistor 19701
Chen, W.L., Munns, G.O., Davis, L., Bhattacharya, P.K., Haddad, G.I. The growth of resonant tunneling hot electron transistors using chemical beam epitaxy 41329
Chen, W.L., Munns, G.O., East, J.R., Haddad, G.I. InGaAs/AlAs/InGaAsP resonant tunneling hot electron transistors grown by chemical beam epitaxy 42869
Chen, W.M. *see* Dreszer, P. 42409
Chen, W.Q. *see* Wang, S.M. 41260
Chen, W.T. *see* Brauer, J.M. 33381
Chen, W.T. *see* Guo, Y. 33391
Chen, W.T. *see* Wu, T.Y. 34325
Chen, X., Lodge, J.H., Scott, K.E., Sendyk, A.M. Quadrature splitter considerations for digital cellular radio 22916
Chen, X., Reed, I.S., Yin, X., Truong, T.K. New shortened subcodes of binary extended QR codes 36547
Chen, X. *see* Chowdhury, R. 33636
Chen, X. *see* Kahn, F.J. 6699
Chen, X. *see* Nashed, M.Z. 26360
Chen, X.H., Oksman, J. MSKRC quadrature-overlapped modulation and its performance analysis 36489
Chen, X.P., Lo, K.L. Design of an optimal robust model matching controller for the elimination of interarea power system oscillation 7758
Chen, Y. Impending failure detection for a discrete process 456
Chen, Y. Driving forces behind China's explosive telecommunications growth 5264
Chen, Y., Atai, J. Stability of 3D self trapped beams with a dark spot surrounded by bright rings of varying intensity 36003
Chen, Y., Auzel, F. Spatial domains in avalanche pumped Er:ZBLAN fibre 35741
Chen, Y., Beker, B. Analysis of bilateral coplanar waveguides printed on anisotropic substrates for use in monolithic MICs 19126
Chen, Y., Kupka, R.K., Rousseaux, F., Ravet, M.F., Carcenac, F., Madouri, A., Launois, H. Replication of very small periodic gratings with proximity X-ray lithography 28031
Chen, Y., Peterson, H., Bender, W. Lossy compression of palletized images 29755
Chen, Y., Tredicucci, A., Bassani, F. Polaritons in semiconductor microcavities: effect of Bragg confinement 20940
Chen, Y., Williamson, S., Brock, T., Smith, F.W., Calawa, A.R. Multi-hundred gigahertz photodetector development using LT GaAs 6505
Chen, Y. *see* Bamji, S.S. 43199
Chen, Y. *see* Jones, S.J. 33051
Chen, Y. *see* Jones, S.J. 41422
Chen, Y. *see* Rengarajan, S.R. 21374
Chen, Y. *see* Tan, T.C. 23737
Chen, Y. *see* Tao, J. 40117
Chen, Y. *see* Yu, L. 44075
Chen, Y.-C. *see* Hsu, Y.-F. 4940
Chen, Y.-J. *see* Celata, C.M. 31562
Chen, Y.-J. *see* Eylon, S. 31558
Chen, Y.-L., Nakatani, H. A graph matching approach to correspondence between inconsistent regions 5012
Chen, Y.-L., Nakatani, H. Clustering in color feature space for image correspondence 5023
Chen, Y.-L. *see* Hsiao, Y.-T. 24851
Chen, Y.-P., Reed, J.D., O'Keefe, S.S., Schaff, W.J., Eastman, L.F. Fabrication and characterization of InGaAs/GaAs strained quantum wires grown by molecular beam epitaxy 18182
Chen, Y.-T., Chen, D.Y., Wu, Y.-P. Control-loop modeling of multiple-output feedback of forward converters 8497
Chen, Y.-T. *see* Chang, C.-L. 25063
Chen, Y.A. *see* Rowe, D.M. 19355
Chen, Y.C., Chen, T.L., Lin, R.J., Wu, S.F. Fabrication and characteristics of DC SQUIDs 35281
Chen, Y.C. *see* Gutierrez-Aitken, A.L. 20568
Chen, Y.C. *see* Lin, R.J. 36251
Chen, Y.C. *see* Matijasevic, G. 286
Chen, Y.C. *see* Pamart, J.L. 38032
Chen, Y.C. *see* Serreze, H.B. 20868
Chen, Y.C. *see* Wang, C.Y. 42343
Chen, Y.D., Ni, J. Dynamic calibration and compensation of a 3D laser radar scanning system 23226
Chen, Y.E. *see* Huang Chung Cheng 2117
Chen, Y.G. *see* Kuo, J.B. 26781
Chen, Y.H. *see* Hsu, K.T. 42886
Chen, Y.J. *see* Daughton, J.M. 43330
Chen, Y.K., Kapre, R., Tsang, W.T., Tate, A., Humphrey, D.A., Fan, L. Carbon-doped InGaP/GaAs/InGaP double heterojunction bipolar transistors with a very low 1/*f* noise corner frequency of 108 kHz grown by chemical beam epitaxy 42880
Chen, Y.K., Tanbun-Ek, T., Logan, R.A., Tate, A., Sergent, A.M., Wecht, K.W., Sciortino, P.F. Short optical pulse generated by integrated MQW DBR laser/EA-modulator fabricated by selective-area MOVPE 28487
Chen, Y.K. *see* Choa, F.S. 3134
Chen, Y.K. *see* Fullowan, T.R. 2455
Chen, Y.K. *see* Guo, W.Y. 5869
Chen, Y.K. *see* Kuo, J.M. 42875
Chen, Y.L. *see* Liu, H.X. 34739
Chen, Y.L. *see* Schneider, T.P. 34735
Chen, Y.L. *see* Turner, W.A. 10656
Chen, Y.L. *see* Yasuda, Y.Ma. 19456
Chen, Y.P. *see* LeTran, T.T. 42484
Chen, Z., Berger, T. Reliability and availability analysis of Manhattan Street Network 14221
Chen, Z. *see* Davis, D.T. 24505
Chen, Z. *see* Mei, K.K. 12546
Chen, Z. *see* Yasutake, K. 34624
Chen, Z.H. *see* Lu, H.B. 33716
Chen, Z.H. *see* Mandelis, A. 3574
Chen, Z.W., See, J.B., Gillian, W.F. Joining of lead-antimony and lead-calcium alloy lugs by a laboratory cast-on-strap process 17224
Chen, Z.Y. *see* Xia, M.Y. 39358
Chen Aizhu *see* Cai Song 25322
Chen Aizhu *see* Qiao Hongbin 25741
Chen Aizhu *see* Wei Qidong 25326
Chen Bao Xue *see* Bao Xue Chen
Chen Baoqiong *see* Zheng Xingshi 15228
Chen Ben-Ren *see* Ben-Ren Chen
Chen Beyin *see* Beyin Chen
Chen Bin-Kwie *see* Bin-Kwie Chen
Chen Bin-Shing *see* Bin-Shing Chen
Chen Bing *see* Bing Chen
Chen Bo Su *see* Bo Su Chen
Chen Bor-Sen *see* Bor-Sen Chen
Chen Bor-Yir *see* Bor-Yir Chen
Chen Caisheng *see* Caisheng Chen
Chen Chai-Erh *see* Lu Jian-Qin 15496
Chen Chang, Li Huantie, Li Xiaoguang, Lu Yusheng, Tang Xiaowei, Tong Guoliang, Wang Jihua, Wu Rongjiu, Yang Kangshu, Zhuang Honglin The thin multiwire chamber operating in high gain mode and its discharge mechanism 46880
Chen Chang-Lee *see* Chang-Lee Chen
Chen Chang-Yao *see* Mu Pin-Gan 46361
Chen Chaur-Chin *see* Chaur-Chin Chen
Chen Cheng *see* Cheng Chen
Chen Cheng-Hsi *see* Cheng-Hsi Chen
Chen Cheng-Hsien *see* Cheng-Hsien Chen
Chen Cheng-Jun *see* Che Ren-Sheng 31458
Chen Cheng-Tie *see* Cheng-Tie Chen
Chen Chenjia *see* Liu Jizhou 11708
Chen Chi Mely *see* Mely Chen Chi
Chen Chia-Erh, Fang Jia-Xun, Li Weiguo, Pan Oujia, Lu Yuanrong, Li Deshan, Wang Lishan, Yu Maolin, Deitinghoff, H., Schempp, A., Klein, H. Layout and high power test of a 26 MHz spiral RFQ 15520
Chen Chia-Erh, Zhao Kui, Zhang Baocheng, Wang Lifang, Song Jinju, Fu Xiaobin, Wang Guangwei The status of RF superconducting activities at Peking University 15500
Chen Chia-erh *see* Chia-erh Chen
Chen Chien-Yuan *see* Chien-Yuan Chen
Chen Chih-Chieh *see* Chih-Chieh Chen
Chen Chih-Yuan *see* Chih-Yuan Chen
Chen Chin Lin *see* Chin Lin Chen
Chen Chin-Hsing *see* Chin-Hsing Chen
Chen Chin-Lin *see* Chin-Lin Chen
Chen Chin-Tu *see* Chin-Tu Chen
Chen Chin-Yuan *see* Chin-Yuan Chen
Chen Ching-Hwa *see* Ching-Hwa Chen
Chen Chiping *see* Chiping Chen
Chen Chiung-Hsing *see* Chiung-Hsing Chen
Chen Chorng-Guang *see* Chorng-Guang Chen
Chen Chuen-Cherng *see* Chuen-Cherng Chen
Chen Chuko Chieh *see* Chieh Chen Chuko
Chen Chun *see* Wang Liangbin 33757
Chen Chun Hsiung *see* Chun Hsiung Chen
Chen Chun-Hsien *see* Chun-Hsien Chen
Chen Chun-Lin *see* Chun-Lin Chen
Chen Chun-Ming *see* Liu Le-Shan 31510
Chen Chung-Chih *see* Chung-Chih Chen
Chen Chung-Hsing *see* Chung-Hsing Chen
Chen Chung-Hwang *see* Chung-Hwang Chen
Chen Chung-Lung *see* Chung-Lung Chen
Chen Chunhua, Shen Yusheng Gas sensitivity of SnO_2 doped with $YBa_2Cu_3O_{7-x}$ 15107
Chen Chunhua *see* Liu Xingqin 15106
Chen Cunli *see* Hua Wenyu 42540
Chen Da-Xiu *see* Wang Xi-Wen 31103
Chen Dan, Jiang Zhuang-De, Zhang Tian-Xiao Computer-based judgement on geometric criteria of form errors of rotary surface 31416
Chen Dan *see* Tang Jian-Zhong 38430
Chen Dapang *see* Dapang Chen
Chen Deming *see* Ling Genshen 12256
Chen Deming *see* Ling Genshen 20922
Chen Desheng *see* Yu Yixin 7725
Chen Deshu *see* Cao Yijia 16141
Chen Deshu *see* Liu Pei 39665
Chen Deshu *see* Peng Xiaolan[1] 7726
Chen Deshu *see* Wang Fangzong 7698
Chen Deshu *see* Wang Fangzong 16138
Chen Deshu *see* Zhang Zhe 47567
Chen Deshu *see* Deshu Chen
Chen Deyong *see* Zhu Longde 18291
Chen Di *see* Di Chen
Chen Dingguo, Li Yanda Recovery of a band-limited signal from part of time-domain and frequency-domain information 44820
Chen Dongqin *see* Cheng Yongyuan 25324
Chen Dongqing *see* Batsyn, M.Ya. 25316

Chen Er-Chang *see* Liu Xin-Xiong 38686
Chen Erli *see* Erli Chen
Chen Fei-Chin *see* Fei-Chin Chen
Chen Fen *see* Wang Dayong 20507
Chen Fujie *see* Ren Wenjie 2644
Chen Fusheng *see* Fusheng Chen
Chen Fuyin Which is the best structure? Npn or Pnp? 11149
Chen Gang *see* Gang Chen
Chen Genyong *see* Qi Liangdi 6684
Chen Gong *see* Gong Chen
Chen Guang *see* Huang Yichuan 12043
Chen Guang *see* Guang Chen
Chen Guang-Da *see* Guang-Da Chen
Chen Guangju, Li Weimin, Gu Yapin, Kuang Shi, Wang Houjun, Yang Hongmo, Tan Jun, Tian Shulin, Xu Jiannan Implementation of computer aided test workstation 38375
Chen Guanrong *see* Guanrong Chen
Chen Guey-Shya *see* Guey-Shya Chen
Chen Guofong *see* Wen Junding 10410
Chen Guoliang, Ren Congxin, Liu Liqun, Yang Jie, Zou Shichang Calculation of unloaded quality factor Qo for superconducting stripline resonator 35277
Chen Guoliang *see* Zhang Yongmin 979
Chen Haitang *see* Haitang Chen
Chen Hanmin *see* Mao Yu 10634
Chen Hanzhou *see* Hanzhou Chen
Chen Hao-Jung *see* Hao-Jung Chen
Chen Heng *see* He Ding 16911
Chen Heng *see* He Ding 25511
Chen Heng *see* He Ding 32898
Chen Heng *see* Tang Guoqing 24836
Chen Heng *see* Zhang Xiaoping 16137
Chen Hong-Cheng *see* Hong-Cheng Chen
chen Hong-Twu *see* Hong-Twu chen
Chen Hong-zheng *see* Hong-zheng Chen
Chen Hong-Zhi *see* Liu Qi-Yuan 47224
Chen Hongfang, Xu Zizong, Hong Baosen, Guo Guanghui, Zeng Hui Study on the localization properties in self-quenching streamer multiwire chamber 15624
Chen Hongfang *see* Wang Zhaomin 7262
Chen HongYan *see* HongYan Chen
Chen Hongyi *see* Xie Zili 641
Chen Horng-Dean *see* Horng-Dean Chen
Chen Horng-Rung *see* Horng-Rung Chen
Chen Hsiung Kuang *see* Hsiung Kuang Chen
Chen Hsiung-Ku *see* Hsiung-Ku Chen
Chen Huanchu *see* Huanchu Chen
Chen Huihuang *see* Ji Ming 13115
Chen Jau Liang *see* Jau Liang Chen
Chen Jen-Ming *see* Jen-Ming Chen
Chen Jeng-Heng *see* Jeng-Heng Chen
Chen Ji *see* Ji Chen
Chen Ji-Hong, Shi Han-Min, Huang Tie-Xia, Chen Ri-Yao Sensor fusion using neural network for cutting chip forms monitoring 46294
Chen Ji-Hong *see* Lu Tao 31119
Chen Ji-Hong *see* Wang Shi-Min 31104
Chen Jia-Bi *see* Chen Tao 31445
Chen Jia-Bi *see* Liu Chong 31417
Chen Jia-Lin *see* Jia-Lin Chen
Chen Jia-Ming *see* Jia-Ming Chen
Chen Jia-Sheng *see* Zhu Xiao-Song 38241
Chen Jiabi *see* Jiabi Chen
Chen Jiabin, Lu Kai, Jin Zhihua Research of electric field disturbing torque in electrostatic gyro strapdown navigation system 21181
Chen Jiahn Jung *see* Jiahn Jung Chen
Chen Jian, Yang Xiang-Lin Capability of the guiding-center soliton communication system 23069
Chen Jianguo, Wu Lan, Lu Yuchun Studies on rate equation of erbium-doped fiber amplifiers 20670
Chen Jianguo *see* Wu Lan 12236
Chen Jianguo *see* Jianguo Chen
Chen Jiann-Fuh *see* Jiann-Fuh Chen
Chen Jiann-Jone *see* Jiann-Jone Chen
Chen Jiann-Liang *see* Jiann-Liang Chen
Chen Jiann-Ruey *see* Jiann-Ruey Chen
Chen Jianre *see* Hua Xixing 38612
Chen Jier *see* Jier Chen
Chen Jihong *see* Jihong Chen
Chen Jing, Yu Songyu Image sequence encoding using region fitting 45129
Chen Jing-Chun *see* Zhan De-Chen 29836
Chen Jiwu *see* Shen Song 29874
Chen Jizhong *see* Jizhong Chen
Chen Juan *see* Feng Jiang 8295
Chen Juin-Hwey *see* Juin-Hwey Chen
Chen Jun, Rong Yin, Zhou Yueming Investigation on the *Q*-switch mechanism in the phase conjugate resonator with the SBS-cell 12045
Chen Jun *see* Mu Xiaodong 20379
Chen Jun *see* Jun Chen
Chen Jun-Ning *see* Huang Qing-An 27407
Chen June-Hong *see* June-Hong Chen
Chen Junewen *see* Junewen Chen
Chen Jung-Chi *see* Jung-Chi Chen
Chen Jung-Kuei *see* Jung-Kuei Chen
Chen Jungning *see* Sun Jintan 10890
Chen Junning, Sun Jintan Properties of sensitivity of GaAs MESFET's to stress 19890
Chen Junning, Tong Qinyi Analytical model of thin film fully depleted buried n-channel SOI MOSFET based on silicon direct bonding technology 2553
Chen Junwu, Liang Yuijn, Zao Yuyi The computer-aided diagnosis on inhomogeneity of metal oxide varistors 10522
Chen Juxin, Shi Baoan, Zhou Bing, Wu Rujia, Gong Shuxing, Qu Cuiyun, Yang Quanmei, Yang Caibing, Cao Xiaoneng, Li Shuqin, Yan Xu, Zhang Yinzi, Zhao Beru, Li Lin High T_c superconducting infrared bolometer with protective coating 38501
Chen Kangmei *see* Huo Yujing 20671
Chen Kangsheng *see* Zheng Guowu 4188
Chen Ke, Amini, S. Numerical analysis of boundary integral solution of the Helmholtz equation in domains with non-smooth boundaries 41191
Chen Kexin *see* Mei Yambiao 29068
Chen Kuang-Chao *see* Kuang-Chao Chen
Chen Kuang-Chien *see* Kuang-Chien Chen
Chen Kuen-Bey *see* Kuen-Bey Chen
Chen Kun Mu *see* Kun Mu Chen
Chen Kun-Luh *see* Kun-Luh Chen
Chen Kunji *see* Kunji Chen
Chen Kuo-Shen *see* Kuo-Shen Chen
Chen Kwang-Cheng *see* Kwang-Cheng Chen
Chen Lai-Juh *see* Lai-Juh Chen
Chen Laijiu *see* Lu Jianhong 25187
Chen Li, Yue Guangxin A new scheme of trellis coded modulation 4412
Chen Li *see* Li Chen
Chen Li-Ilan *see* Li-Ilan Chen
Chen Li-Jie *see* Ding Zhen-Liang 31087
Chen Li-Yan *see* Che Ren-Sheng 31458
Chen Li-Yan *see* Che Ren-Sheng 38676
Chen Liang, Fanping Sun, Rogers, C.A. Dynamic output characteristics of piezoelectric actuators 20078
Chen Liang, Fanping Sun, Rogers, C.A. Coupled electro-mechanical analysis of piezoelectric ceramic actuator-driven systems—determination of the actuator power consumption and system energy transfer 28325
Chen Liang-Gee *see* Liang-Gee Chen
Chen Lianghui *see* Qian Yi 19377
Chen Lianghui *see* Yang Guowen 20815
Chen Lianghui *see* Yang Guowen 20888
Chen Lianhui *see* Lianhui Chen
Chen Ling *see* Ling Chen
Chen Ling-Hwei *see* Ling-Hwei Chen
Chen Lingbing, Zhao Youyuan, Wang Guoyi, Pan Yulian, Li Fuming, Fang Jianhua, Li Jun, Pan Daocheng Persistent spectral hole-burning of tetramethoxyphenyl porphin in a polymeric host 12318
Chen Liquan *see* Liquan Chen
Chen Liu *see* Xin-Yu Wu 9936
Chen Lixue *see* Lixue Chen
Chen Liyin Gain characteristics of a pulsed oxygen-iodine chemical laser initiated by electrical discharge 12018
Chen Mao-Chieh *see* Mao-Chieh Chen
Chen Mei *see* Ye Yutang 23662
Chen Mei *see* Ye Yutang 38523
Chen Mei-Hsing *see* Mei-Hsing Chen
Chen Meijuan *see* Zhao Yang 3981
Chen Meng-Hui *see* Meng-Hui Chen
Chen Meng-Jen *see* Meng-Jen Chen
Chen Min *see* Zheng Haidong 2488
Chen Ming A new principle of statistical multiplexing in multimedia networks 22304
Chen Ming *see* Ming Chen
Chen Ming-Syan *see* Ming-Syan Chen
Chen Mingche *see* Mingche Chen
Chen Minghua Design of the implementation of ISDN services on LAN 37391
Chen Mingli, Liu Xinsheng, Cuo Changming Site errors and its structure of a lightning locating system in Beijing region 7604
Chen Minhan *see* Minhan Chen
Chen Minxun *see* Minxun Chen
Chen Mon-Song *see* Mon-Song Chen
Chen Nan-Cheng *see* Nan-Cheng Chen
Chen Nanming *see* Nanming Chen
Chen Nian-Shing *see* Nian-Shing Chen
Chen Ning *see* Ning Chen
Chen Pao-Chu *see* Pao-Chu Chen
Chen Pengyuan *see* Pengyuan Chen
Chen Pin Ao *see* Pin Ao Chen
Chen Pisin *see* Pisin Chen
Chen Po-Ning *see* Po-Ning Chen
Chen Pu-Woei *see* Pu-Woei Chen
Chen Pusheng, Xu Meigen, Feng Wenxiu DLTS study on interface characteristics of rapid thermal nitrided SiO_xN_y film 1958
Chen Qin *see* Qin Chen
Chen Qin Qin *see* Qin Qin Chen
Chen Qing, Ye Yilin The reactive compensation factor method for series compensated line earth-fault distance protection 7998
Chen Qing-Ming *see* Qing-Ming Chen
Chen Ren-Der *see* Ren-Der Chen
Chen Ri-Yao *see* Chen Ji-Hong 46294
Chen Ri-Yao *see* Li Shang-Ping 46601
Chen Ri-Yao *see* Xie Liang-Fu 32140
Chen Ri-Yao *see* Zhu Feng 47290
Chen Rong-Chang *see* Rong-Chang Chen
Chen Rong-Jian *see* Rong-Jian Chen
Chen Ruizheng *see* Wang Yafei 39416
Chen Rujun, Liu Xiande, Shi Dinghe, He Zhaoxiang The effect of signal processing on detection distance of IR searching system 16094
Chen Ruyi *see* Li Guohui 42661
Chen Sao-Jie *see* Sao-Jie Chen
Chen Sau-Gee *see* Sau-Gee Chen
Chen Shao Hua *see* Shao Hua Chen
Chen Shao-Chun Rectangular Reissner-Mindlin plate elements based on Taylor's formula 624
Chen Shaoyan *see* Gao Yuqing 13076
Chen Sheng Lin *see* Rong-Seng Chang 3931
Chen Shi-Lin *see* Shi-Lin Chen
Chen Shing-Hong *see* Shing-Hong Chen
Chen Shisheng *see* Shisheng Chen
Chen Shiuh-Yung *see* Shiuh-Yung Chen
Chen Show-An *see* Show-An Chen
Chen Shu-Hsia *see* Shu-Hsia Chen
Chen Shuisheng *see* Zhang Wengxing 10443
Chen Shung-Chih *see* Shung-Chih Chen
Chen Sin-Horng *see* Sin-Horng Chen
Chen Tai-Ju *see* Tai-Ju Chen
Chen Tao, Li Zhu, Chen Jia-Bi Measurement principle and error analysis for an optical heterodyne profilometer 31445
Chen Tao *see* Shen Guorong 47570
Chen Tian He *see* Tian He Chen
Chen Tianqi *see* Ge Lijia 13263
Chen TianXiang *see* TianXiang Chen
Chen Tien-Jung *see* Tien-Jung Chen
Chen Ting, Zhu Shi-jing, Meng Bo An approach for resource allocation with multiple criteria 25120
Chen Ting-Chung *see* Ting-Chung Chen
Chen Tinghuai *see* Li Fujian 5220
Chen Tinghuai *see* Li Fujian 5440
Chen Tonghua *see* Zhang Zhudan 1510
Chen Tsai-Hsiang *see* Tsai-Hsiang Chen
Chen Tser-Yieth *see* Tser-Yieth Chen
Chen Tsorng-Ming *see* Tsorng-Ming Chen
Chen Tsung-Cheng *see* Tsung-Cheng Chen
Chen Tung-Sheng *see* Tung-Sheng Chen
Chen Tzong-Kwei *see* Tzong-Kwei Chen
Chen Wai-Kai *see* Wai-Kai Chen
Chen Wei *see* Wang Jingyi 18292
Chen Wei *see* Wei Chen
Chen Wei-Mei *see* Wei-Mei Chen
Chen Wei-Min *see* Jiang Yi 46599
Chen Wei-Ming *see* Wei-Ming Chen
Chen Weide *see* Jin Gaolong 19437
Chen Weide *see* Li Xiuqiong 27789
Chen Weixi *see* Xing Qijiang 18211
Chen Wen Ho *see* Wen Ho Chen
Chen Wen-Chun *see* Wen-Chun Chen
Chen Wen-Shyang *see* Wen-Shyang Chen
Chen Wen-Tsuen *see* Wen-Tsuen Chen
Chen Wen-Xian, Jiao Xiu-Zhen, Lu Xiao-Ming Analysis of two measurement methods in axial clearance of roller bearings specially used in freight trains 23900
Chen Wen-Xian *see* Jiang Xiu-Zhen 23567
Chen Wen-Yi, Jiang Ben-He, Liu Zhi-Ying, Li Ping Digital image processing and its application in the CCD measurement 31136
Chen Wen-Yi *see* Jiang Ben-He 23633
Chen Wen-yi *see* Jiang Ben-he 38677
Chen Wenji *see* Qiu Shuisheng 9929
Chen Wu *see* Litva, J. 27283
Chen Wu-Ton *see* Wu-Ton Chen
Chen Xi, Chen Yungzhong, Qie Dianfu, Hao Shutang An experimental study of the effect of ash particles on the electrical conductivity of seeded combustion products [in MHD generators] 25793
Chen Xianqiu *see* Xu Xuewu 18117
Chen Xianqiu *see* Xu Xuewu 18133
Chen Xianrong *see* Cheng Yongyuan 25324
Chen Xiaoduo *see* Xiaoduo Chen
Chen Xiaoguang, Tang Weizhong, Zhou Wen Analysis of pressure sensitivity in interferometric fiber optic hydrophone 6512
Chen Xiaojun *see* Weng Xinguang 11658
Chen Xiaoning *see* Xiaoning Chen
Chen Xiebin Fault-tolerant extensions of networks containing the spanning star 22592
Chen Xikun, Qiu Jinghe, Dai Laifa Magnetic-optic fiber large current sensor 31249
Chen Xin *see* Wang Heng 31496
Chen Xing *see* Xing Chen
Chen Xiuhua *see* Xiuhua Chen
Chen Xixian *see* Xixian Chen
Chen Xuehua *see* Xuehua Chen
Chen Xuemin *see* Xuemin Chen
Chen Xuesheng *see* Xuesheng Chen
Chen Yan *see* Yan Chen
Chen Yanping, Zhang Defu, Shen Ping A practical labeling algorithm based on local operations 5036
Chen Yee-Nan *see* Yee-Nan Chen
Chen Yen-Min *see* Yen-Min Chen
Chen Yeong-Her *see* Yeong-Her Chen
Chen Yi *see* Mou Hong 24634
Chen Yi *see* Yi Chen
Chen Yi-Xin *see* Yi-Xin Chen
Chen Yihong *see* Cheng Ruihua 20690
Chen Yinchao *see* Yinchao Chen
Chen Ying-Li *see* Ying-Li Chen
Chen Yiqing, Wang Lei, Qiu Mingxin Stimulated Raman scattering and four-wave mixing in a hollow optical fiber filled with the mixture of carbon tetrachloride and phenylethanol 20975
Chen Yiqun *see* Yiqun Chen
Chen Yong *see* Yong Chen
Chen Yong Le, Min Qing-Dong, Fu Pan, Liao Hai-Yang, Jiang Guo-Qing Multi-measuring probes

intelligent instrument for auto-measuring geometrical accuracy of the cam spindle 38673
Chen Yong-En *see* Yong-En Chen
Chen Yong-Le *see* Fu Pan 46603
Chen Yong-Xiao *see* Xu Guo-Qing 40112
Chen Yongbin, Yang Junyou, Yu Hainian, Tang Renyuan Computation of 3D eddy current fields and losses due to leads in a large power transformer 47942
Chen Yongbin *see* Guan Cuntai 4528
Chen Yongsheng, Li Biqing, Yuan Baozong Chinese continuous speech recognition using neural network 13117
Chen You-Li *see* You-Li Chen
Chen Young-Shying *see* Young-Shying Chen
Chen Yu, Dai Changjiang, Gu Yifan, Lei Zhuanheng, Li Jianping, Liu Shudong, Shao Beibei, Tang Yueli Study on background radiation at Beijing electron positron collider and radiation damage of high-Z scintillation crystals 6924
Chen Yuan Li, Liang Cuifang, Gu Bozhong, Wang Bingnan Selection of working medium in the pulsed MHD generator 25762
Chen Yuan-Boon *see* Yuan-Boon Chen
Chen Yuan-Hwang *see* Yuan-Hwang Chen
Chen Yuanije *see* Yuanije Chen
Chen Yuanli *see* Yuanli Chen
Chen Yue *see* Yue Chen
Chen Yueh-Chang *see* Yueh-Chang Chen
Chen Yuliang *see* Yuliang Chen
chen Yung-Chang *see* Yung-Chang chen
Chen Yung-Kuang *see* Yung-Kuang Chen
Chen Yung-Yuan *see* Yung-Yuan Chen
Chen Yungzhong *see* Chen Xi 25793
Chen Yunn-Yen *see* Yunn-Yen Chen
Chen Yutao *see* Hui Zhongxi 43693
Chen Zen *see* Zen Chen
Chen Zhangchao, Xiong Gang Long-term load forecasting for Pudong new area of Shanghai using grey theory 24866
Chen Zhe *see* Zhe Chen
Chen Zhenghao *see* Zhenghao Chen
Chen Zhengxin *see* Zhengxin Chen
Chen Zhi-Xiang *see* Pang Sheng-Qing 26541
Chen Zhizhang *see* Zhizhang Chen
Chen Zhong *see* Ding Zhen-Liang 31415
Chen Zhong *see* Xu Jun 31461
Chen Zhong *see* Yuan Yi-Bao 31498
Chen Zhong-Min, Wang Na-Xin, Song Xiao-Ping, Wang Xiao-Tian A new phase in Nd-Fe-B sintered magnets and its effect on coercivity 11469
Chen Zhonggan, Yao Guizhi, Ling Feng Development of a programmable current source 9965
Chen Zhongqi *see* Zhongqi Chen
Chen Zhou *see* Jovanovic, M.M. 41664
Chen-Chau Chu, Aggarwal, J.K. The integration of image segmentation maps using region and edge information 29884
Chen-Chau Chu *see* Ghosh, J. 38170
Chen-Ching Liu *see* Muchlinski, S. 32236
Chen-Chung Hsu *see* Heng-Sheng Huang 11319
Chen-Chung Hsu *see* Heng-Sheng Huang 28273
Chen-Chung Hsu *see* Huang, H.S. 28264
Chen-Chy Lin, Tung-Feng Yeh, Reiser, A., Honda, K., Beauchemin, B.T. On the mechanism of dissolution inhibition in phenolic resins 11088
Chen-Mie Wu, Chiou, A. A SIMD-systolic architecture and VLSI chip for the two-dimensional DCT and IDCT 34084
Chen-Mie Wu, Ding-Kuen Yeh A VLSI motion estimator for video image compression 38249
Chen-Ming Hung *see* Ching-Tsai Pan 17078
Chen-Wen Tarn, Banerjee, P.P., Jaw-Jueh Liu, Pliszka, P. Performance of acoustooptic devices in the presence of noise 20440
Chen-Yi Lee, Jer-Min Tsai, Shih-Chieh Hsu VLSI implementation of an M-array image filter based on shift register array 10199
Chen-Yi Lee, Shin-Chou Juan VLSI implementation of a modified-VQ encoder suitable for image/video applications 23294
Chen-Yuan Chang, Chyan-Goei Chung A knowledge-based operation support system for network traffic management 22444
Chen-Yuan Chang, Chyan-Goei Chung An efficient approach to real-time traffic routeing for telephone network management 30323
Chenadec, J.Y.L. *see* Multon, B. 25397
Chenault, D.J. Cayuga Station combustion turbine installation peak power for peak load 8188
Chenault, D.J. Cayuga Station combustion turbine installation peak power for peak load 32729
Chendo, M.A.C. Applying photovoltaic power to a petrol service station 32795
Chenebault, P., Planchat, J.P. Lithium/liquid catnode for underwater vehicles 17172
Chenevas-Paule, A. *see* Churoux, P. 11752
Cheng, A.N. *see* Hou, H.Q. 3189
Cheng, A.Y. *see* Wong, J.W. 15907
Cheng, C., Hua, Y. Comparison of single sinusoidal likelihood functions using 2-D frequencies and polynomial coefficients as variables 29677
Cheng, C., Hwa-Yuh Shin, Shan-Ming Lan Development of neutron detectors using Si PIN photodiodes 46926
Cheng, C. *see* Yuan, L. 395
Cheng, C.-H. *see* Tseng, B.H.P. 1234
Cheng, C.-K. *see* Carragher, R.J. 19937
Cheng, C.-K. *see* Chou, N.-C. 23423
Cheng, C.-K. *see* Yao, S.-Z. 27392
Cheng, C.-K. *see* Yeh, C.-W. 26610
Cheng, C.-P. *see* Liu, T.-H. 8821
Cheng, C.C. *see* Herman, I.P. 42746
Cheng, C.K. *see* Zaleta, D. 20488
Cheng, C.L. *see* Lu, C.N. 7838
Cheng, C.S. *see* Helszajn, J. 34229
Cheng, D., Zhao, Y., Lin, W. Field representations in uniaxial bianisotropic medium by cylindrical vector wave functions 36098
Cheng, D.F., Sheng-Uei Guan, Hsiu-Tsung Yang Using work-flow software to support office collaboration 30350
Cheng, D.S., Stubberud, A.R. Convergence analysis for the extended-Kalman-filter based algorithm of target tracking and identification 29613
Cheng, E., Martinez, F. An empirical bipolar switch model for BiCMOS simulation 11326
Cheng, E.S. *see* Page, L.A. 38196
Cheng, F., Yu, T.S., Gregory, D.A. Multitarget detection using spatial synthesis joint transform correlation 21915
Cheng, G.-X., Tanaka, M. A parallel automatic routing technique based on local current comparison method—application of associative silicon retina 18926
Cheng, H., Whitaker, J.F. 300-GHz-bandwidth network analysis using time-domain electro-optic sampling 6764
Cheng, H. *see* Guha, S. 10692
Cheng, H. *see* Guha, S. 11871
Cheng, H. *see* Haase, M.A. 3590
Cheng, H. *see* Haase, M.A. 28812
Cheng, H. *see* Kuo, L.H. 42486
Cheng, H. *see* Wu, B.J. 9546
Cheng, H.C. *see* Juang, M.H. 2234
Cheng, H.C. *see* Young, S.T. 47069
Cheng, H.D., Xueqin Li, Lifeng Wang Parallel VLSI-oriented algorithm and architecture for computing histogram, of images 30088
Cheng, H.D. *see* Zhiwei Zhao 29945
Cheng, H.H.Y., Liu, H.F. Effect of initial frequency chirp on soliton-trapping switches 12378
Cheng, H.H.Y., Liu, H.F. Effects of third-order dispersion and fibre loss on soliton-effect pulse compression in dispersion-shifted fibres 35394
Cheng, H.J. *see* Katehi, L.P.B. 19102
Cheng, J., Zhou, P. Optoelectronic technology for a reconfigurable optical interconnection architecture 20573
Cheng, J. *see* Bo Lu 45734
Cheng, J. *see* Farrer, S.W. 30786
Cheng, J. *see* Lu, Y.C. 23004
Cheng, J. *see* Sze, T. 20830
Cheng, J. *see* Zhou, P. 3392
Cheng, J. *see* Zhou, P. 20570
Cheng, J.-M., Langdon, G.G., Jr. Modified Metropolis annealing algorithm for QM-AYA arithmetic coder design optimization 13560
Cheng, K.-T. Transition fault simulation for sequential circuits 1193
Cheng, K.-T. Test generation for delay faults in non-scan and partial scan sequential circuits 26881
Cheng, K.-T., Devadas, S., Keutzer, K. Delay-fault test generation and synthesis for testability under a standard scan design methodology 10093
Cheng, K.-T., Ma, H.-K.T. On the over-specification problem in sequential ATPG algorithms 18580
Cheng, K.-T. *see* Pomeranz, I. 9898
Cheng, K.K.M., Everard, J.K.A. A new technique for the quasi-TEM analysis of conductor-backed coplanar waveguide structures 21350
Cheng, K.K.M. *see* Everard, J.K.A. 18999
Cheng, K.L.K., Cheng, L.T., Bierlein, J.D., Bindloss, W., Calabrese, J., Galperin, J., Ballman, A.A. Preparation of single-domain $KTiOAsO_4$ crystals for device application 18123
Cheng, K.W. *see* Yung, K.L. 17425
Cheng, K.W.E., Evans, P.D. Calculation of winding losses in high-frequency toroidal inductors using single strand conductors 34295
Cheng, K.Y. *see* Chou, S.T. 769
Cheng, K.Z. *see* Hemmer, P.R. 35319
Cheng, L., Wang, J.M., Sawchuk, A.A. Design of space-multiplexed three-dimensional Omega networks and their optical implementation 20447
Cheng, L. *see* Miller, A.S. 11732
Cheng, L. *see* Sawchuk, A.A. 20490
Cheng, L. *see* Wang, J.M. 21105
Cheng, L. *see* Wang Song, Q. 35533
Cheng, L.-J., Liu, D.T.H. Photorefractive image processing using compound semiconductors 4805
Cheng, L.-T., Cheng, L.K., Bierlein, J.D. Linear and nonlinear optical properties of the arsenate isomorphs of KTP 21072
Cheng, L.J. *see* Chao, T.-H. 35514
Cheng, L.K. *see* Cheng, L.-T. 21072
Cheng, L.K. *see* Chu, D.K.T. 20052
Cheng, L.K. *see* Powers, P.E. 21088
Cheng, L.P. *see* Taylor, J. 5694
Cheng, L.S. *see* Shen-li Fu 18307
Cheng, L.S. *see* Twu, Y. 3596
Cheng, L.T. *see* Cheng, K.L.K. 18123
Cheng, M., Collier, C.G. An objective method for recognizing and partially correcting brightband error in radar images 15999
Cheng, M. *see* Nalamasu, O. 11060
Cheng, M. *see* Wheeler, D.R. 27958
Cheng, M.-C., Chennupati, R. Nonequilibrium multi-valley electron distribution functions in GaAs 19344
Cheng, M.C.H., Toumazou, C. Linear composite MOSFET: theory, design, and applications 2654
Cheng, P., Masuyama, S. Complexity of computing the expected maximum number of edge-disjoint s-t paths on probabilistic graphs 504
Cheng, P., Masuyama, S. Problem of computing the expected maximum number of vertex-disjoint s-t paths on probabilistic digraphs 33488
Cheng, P.-C. *see* Wang, G. 13632
Cheng, Q.H. *see* Wang, H.B. 34245
Cheng, S. Operational amplifiers having micropower consumption 9969
Cheng, S. *see* Ze-Xiang Zhang 35643
Cheng, S. *see* Zhang, Z.X. 43692
Cheng, S.H. *see* Munukutla, L.V. 11125
Cheng, S.J. *see* Guan, L. 7832
Cheng, S.J. *see* Peng, X.L. 7831
Cheng, S.N.C. *see* Henke-Reed, M.B. 22158
Cheng, S.Y. *see* Ooi, T.H. 17821
Cheng, T., Newcomb, R.W. Realization of transmission lattice filters 10305
Cheng, T. *see* Wang, J. 19562
Cheng, T.C.E. *see* Sutardi 40869
Cheng, T.S. *see* Matin, M.A. 35837
Cheng, T.T. *see* Aindow, M. 9560
Cheng, T.T. *see* Aindow, M. 41264
Cheng, V. *see* Jarmasz, M.R. 42072
Cheng, W.-H., Mar, A., Bowers, J.E., Huang, R.T., Su, C.B. High speed 1.3 μm InGaAsP Fabry-Perot lasers for digital and analog applications 12150
Cheng, W.H., Bechtel, J.H. High-speed fibre optic links using 780 nm compact disc lasers 14598
Cheng, X. *see* Shihab, S. 38410
Cheng, Y., Dougherty, E.R. Morphological granulometric shape recognition in noise 5003
Cheng, Y.C. *see* Ma, Z.J. 42990
Cheng, Y.C. *see* Wong, H. 19475
Cheng, Y.C. *see* Yang, B.L. 27594
Cheng, Y.C. *see* Yang, B.L. 34609
Cheng, Y.H. Optimal design for direct-detection system with optical amplifiers and dispersion compensators 23031
Cheng, Y.H. *see* Ching, P.C. 34112
Cheng, Y.T., Lin, S.J., Hwang, J. Effect of diamond facet on the electrical properties of Pt/BF_2^+ ion implanted polycrystalline diamond contacts 19410
Cheng, Y.T. *see* Wong, K.L. 1474
Cheng, Z., Hu, Q., Gao, S., Liu, Z., Ye, C., Wang, J. Proposal of an engineering-oriented loss model [eddy current losses for steel plate] 3997
Cheng, Z., Hu, Q., Gao, S., Liu, Z., Ye, C., Wu, M. On the solution of multi-subregion eddy current problems 3989
Cheng Aimin *see* Yang Shizhong 10026
Cheng Chau-Jern *see* Chau-Jern Cheng
Cheng Chen *see* Kuo-Hua Wang 18639
Cheng Ching-Hwa *see* Ching-Hwa Cheng
Cheng Chung Chi *see* Siu-Wai Chan 9714
Cheng Chung Li *see* Hong Koo Kim 9682
Cheng Chung-Kuan *see* Chung-Kuan Cheng
Cheng Dajun *see* Dajun Cheng
Cheng Deying *see* Wang Yuezhu 28774
Cheng Feng *see* Feng Cheng
Cheng Hsiu-Fung *see* Hsiu-Fung Cheng
Cheng Huang Chung *see* Huang Chung Cheng
Cheng Huang-Chung *see* Huang-Chung Cheng
Cheng Jia-Shyong *see* Jia-Shyong Cheng
Cheng Jun *see* Yi Kechu 12808
Cheng Kwang-Ting *see* Kwang-Ting Cheng
Cheng Lap-Tak *see* Lap-Tak Cheng
Cheng Li *see* Li Cheng
Cheng Li-Jen *see* Li-Jen Cheng
Cheng Lu Xu *see* Xu Cheng Lu
Cheng Ming-Chieh *see* Ming-Chieh Cheng
Cheng Pang Te *see* Te Cheng Pang
Cheng Peng *see* Peng Cheng
Cheng Qi-Chang *see* Shi Wang-Yuan 38687
Cheng Qiming *see* Qiming Cheng
Cheng Ren-Sheng *see* Ren-Sheng Cheng
Cheng Renjie *see* Renjie Cheng
Cheng Ruihua, Shen Hongwei, Chen Yihong, Gan Fuxi, Liu Yupu, Zhang Yinhua, Lu Peihua 1.36 μm Nd:doped silica fiber laser pumped by Ti:sapphire laser 20690
Cheng Ruizheng *see* Wang Yafei 47292
Cheng Shijie *see* Cao Yijia 16141
Cheng Shijie *see* Peng Xiaolan 7726
Cheng Shijie *see* Peng Xiaolan 32250
Cheng Shijie *see* Xiao Donghui 16472
Cheng Shijie *see* Shijie Cheng
Cheng Shiping, Zhang Fengshan, Yan Yixun Analysis of transmittance of multi-spectral bandpass filter 43606
Cheng Shisheng *see* Ouyang Bin 3557
Cheng Siu-Wing *see* Siu-Wing Cheng
Cheng Weiying, Ni Guangzheng, Xu Xiaoming The B-Spline FEM analysis of reactor eddy current field 42263
Cheng Wen-Hao *see* Wen-Hao Cheng

Cheng Xian-Ping, Song Xing-Li, Deng Xing-Zhong New method of non-contact temperature measurement in on-line textile production 38730
Cheng Xian-Ping *see* Deng Xing-Zhong 46432
Cheng Xiao-Hua, Xu Shi-Zhang, Zhang Cheng-Sheng A new principle for designing poly-speed winding of induction motors—double-phase graph principle 40204
Cheng Xiao-Liang A simple finite element method for the Reissner-Mindlin plate 41200
Cheng Ye *see* Yinghua Min 48344
Cheng Yehao *see* Li Zhichang 7293
Cheng Yong-Qing *see* Yong-Qing Cheng
Cheng Yonguan *see* Cai Song 25322
Cheng Yongyuan, Lu Fan, Hu Zhiyong, Wei Qidong Development of computer software for parameter design of coal-fired MHD combustors 25744
Cheng Yongyuan, Lu Fan, Yuan Yousheng, Chen Dongqin, Wei Qidong, Chen Xianrong, Cai Song Researches on 4 MW, coal-fired MHD combustors and their improvements 25324
Cheng Yongyuan *see* Wei Qidong 25326
Cheng Yuanda *see* Yuanda Cheng
Cheng Yuhua, Li Ruiwei, Li Zhijian Study on the characteristics of drain avalanche stress induced hot carrier effects in N-channel submicron MOSFETs 42904
Cheng Yuhua, Li Ruiwei, Li Zhijian Experimental investigation on hot-carrier-induced degradation effects in submicron MOSFETs under different stress conditions 42905
Cheng Yuhua, Wang Yangyuan A charge-based capacitance model for thin film SOI short-channel MOSFETs 19723
Cheng Yuhua, Wang Yangyuan A quasi-two-dimensional model for the thin-film fully depleted SOI short channel MOSFET 19819
Cheng Yuhua, Wang Yangyuan A pseudo-two-dimensional model for the thin-film fully depleted SOI short channel MOSFET 34942
Cheng Zhusheng *see* He Bin 20232
Cheng-Bin Wang *see* Wang Cheng-Bin
Cheng-Chang Lu, Dunham, J.G. Shape matching using polygon approximation and dynamic alignment 22126
Cheng-Hong Chang, Wen-Tao Chang PC-based analysis of induction motors for undergraduate experiment 8395
Cheng-Hsi Chen, Tollis, I.G. Area optimization of spiral floorplans 41556
Cheng-Hsien Chen *see* Ming-Deng Shieh 696
Cheng-Hui Lin *see* Yang, C.C. 3772
Cheng-Hui Lin *see* Yang, C.C. 43456
Cheng-I Kao *see* Jiahn Jung Chen 18946
Cheng-Jun Che *see* Che Cheng-Jun
Cheng-Jun Chen *see* Chen Cheng-Jun
Cheng-Jun Wang *see* Wang Cheng-Jun
Cheng-Kuan Tso *see* Ker-Chang Chang 13797
Cheng-Liang Huang, Arora, N.D. Characterization and modeling of the n- and p-channel MOSFETs inversion-layer mobility in the range 25-125°C 19843
Cheng-Linag Huang, Arora, N.D. Measurements and modeling of MOSFET I-V characteristics with polysilicon depletion effect 34961
Cheng-Lu Lin *see* Ping Liu 685
Cheng-Ming Chiu *see* Meng-Chyi Wu 9523
Cheng-Rui Zhang *see* Zhang Cheng-Rui
Cheng-Shang Chang, Thomas, J.A. Huffman algebras for independent random variables 29460
Cheng-Shang Chang, Thomas, J.A., Shaw-Hwa Kiang On the stability of open networks: A unified approach by stochastic dominance 33469
Cheng-Sheng Zhang *see* Zhang Cheng-Sheng
Cheng-Tie Chen *see* Kawashima, M. 21965
Cheng-Tie Chen *see* Wong, A.H. 36821
Cheng-Zhong Yin *see* Yin Cheng-Zhong
Chengda Yang Efficient stochastic algorithms on locally bounded image space 5123
Chengdong Wang *see* Wang Chengdong
Chenggang Xie *see* Kumar, N. 46543
Chenghe Gong *see* Jibing Cai 26225
Chenghuang Xu *see* Xu Chenghuang
Chengji Li, Zheng Li Characterization of high fluence neutron induced defect levels in high resistivity silicon detectors using a laser deep level transient spectroscopy (L-DLTS) 46847
Chengjiang Li *see* Li Chengjiang
Chengjiu Wu *see* Beeson, K.W. 3157
Chengjun Li, Zhuoxiang Ren, Razek, A. An approach to adaptive mesh refinement for three-dimensional eddy-current computations 44239
Chengke Wu *see* Wu Chengke
Chengli Ruan *see* Ruan Chengli
Chenglie Jiang *see* Jiang Chenglie
Chenglin Cu *see* Cu Chenglin
Chenglin Xu *see* Young, A.M. 6459
Chenglu Lin *see* Ping Liu 10978
Chenglu Lin *see* Zuoyu Shi 34611
Chenglu Lin *see* Lin Chenglu
Chengming Guo *see* Guo Chengming
Chengshan Xiao *see* Xiao Chengshan
Chengsheng Mao *see* Jialin Xie 43973
Chengsheng Zhang, Jie Yang, Xuehua Chen, Youguong Guo A new design principle for pole-changing winding—the three-equation principle 47866
Chengshi Feng *see* Mingchang Wang 20921
Chengwei Cao *see* Cao Chengwei
Chengwen Huang *see* Huang Chengwen
Chengxiang Guan, Zhiyan Wang One-step rainbow holography using a dual lens with no slit 21104
Chengxun Wang *see* Wang Chengxun
Chengyu Shi *see* Jianping Zhou 28769
Chengyuan Shun, Yang Yang The frequency shift effect in monomode fiber and the molecular's obstructing internal rotation theory 35363
Chengze Liu *see* Liu Chengze
Chengzhou Ji *see* Ji Chengzhou
Chenhsin Lien *see* Tay-Her Tsaur 38071
Chenhsin Lien *see* Yimin Huang 6500
Cheniae, M.G. *see* Mili, L. 24627
Chenier, R.J. *see* Floyd, M.R. 8083
Chenier, R.J. *see* Floyd, M.R. 8085
Chenite, A., Selmani, A., Lamontagne, B., Yelon, A. Interfacial reactions between aluminum and BPDA-PDA 2250
Chenite, A., Selmani, A., Yelon, A. X-ray photoelectron spectroscopy investigation of interfacial interactions in the Cr/BPDA-PDA and Ti/BPDA-PDA systems 42778
Chenjia Chen *see* Chen Chenjia
Chenkun Xiong *see* Xiong Chenkun
Chenlo, F. *see* Copetti, J.B. 8243
Chenlo, F. *see* Copetti, J.B. 25652
Chenming Hu *see* Hyungcheol Shin 2107
Chenming Hu *see* Quader, K.N. 34956
Chenming Hu *see* Tu, R. 42983
Chennakeshu, S. *see* Koilpillai, R.D. 37792
Chennupati, R. *see* Cheng, M.-C. 19344
Chenoweth, A., Crofts, D., Dreisewerd, D., Green, S., Lambert, S., Morris, T., Simmons, S., Casey, W. The maturity of direct detection laser cross-link technology 14567
Chenoweth, A. *see* Driemeyer, D. 14565
Chenoweth, A. *see* Jackson, J. 12097
Chentouf, A. *see* Fouladgar, J. 44274
Cheo, B.R., Shmoys, J., Ke, M.-K., Jones, R.M. Transmission line modeling of beam loading and other perturbations in an RFQ 6953
Cheo, P.K. Electrooptic waveguide modulators for frequency tuning of infrared lasers 43482
Cheol Choi Kyung *see* Kyung Cheol Choi
Cheol Sang Kim *see* Byoung Goo Min 31981
Cheol Shin Jong *see* Jong Cheol Shin
Cheol Son Jae *see* Jae Cheol Son
Cheol-Hi Lee *see* Jong-Wan Kim 13711
Cheol-Hong Kim *see* Ho-Young Kang 2279
Cheol-Hoon Lee, Sang-Young Cho, Myunghwan Kim An efficient heuristic for the balanced minimum k-cut problem 41572
Cheol-Jin Lee, Yung-Kwon Sung Characterization of TiN/$TiSi_2$ bilayer for application to ULSI 2231
Cheol-Jung Kim *see* Chil-Min Kim 3434
Cheon No Hee *see* Hee Cheon No
Cheon Se-Woo *see* Se-Woo Cheon
Cheon-Hee Yi *see* Gi-Han Ryu 41887
Cheon-Seok Park, Seon-Kyu Park, Jung-Woong Ra Microwave imaging in angular spectral domain based on the improved Newton's procedure 29120
Cheong Tan Boon *see* Tan Boon Cheong
Cheong Tong Loong *see* Tong Loong Cheong
Cheoul-Shin Kang *see* Jong-Dug Shin 30802
Chera, J.J. *see* Paik, K.W. 18315
Cherdyntsev, V.A., Ovsyannikov, A.V., Kozel, V.M. Suppression of non-Gaussian noise at combined filtration of discrete-continuous processes 22777
Cherednichenko, S.D. Characteristics of rectifier switching in a circuit containing a single-phase rectifier-capacitor source of reactive power 32911
Cherednichenko, S.L. Determination of the initial current of a single-phase valve-capacitor source of reactive power with an even ratio of the periods of output voltage and control 32984
Cherednikov, P.I. *see* Zuyev, N.G. 1098
Cheremisin, O.P. Adaptive direction finding of intense signal sources in multichannel systems 4649
Cheremisov, I.Ya. *see* Smorodin, V.I. 32825
Cheremnyj, V.A. *see* Erukhimov, L.M. 44346
Cheremusbkin, S.V. *see* Vydai, A.V. 26191
Cherenshchikov, S.A. *see* Ivanov, G.M. 23959
Cherepenin, N.D., Usanov, Yu. Ya., Zaripov, Sh. Kh. Unstable laser cavity with compact output aperture 11927
Cherepenin, V.A. *see* Aleksandrov, A.F. 1802
Cherepenin, V.A. *see* Bugaev, S.P. 27413
Cherepenin, V.A. *see* Lopin, M.I. 1795
Cherepko, S.V. *see* Pershenkov, V.S. 34983
Chereshkin, D., Turski, W., Vamos, T., Jarmoszko, A.T., Goodman, S.E. National information technology policies in east-central Europe and the Soviet Union 22394
Cherevan', Yu.A. *see* Ispirov, G.T. 28471
Cherfaoui, M. *see* Verbrugghe, E. 914
Cherif, H., de Mathan, B. Irrationality measures of Carlitz zeta values in characteristic *p* 495
Cherkaoui, M., Sargos, F.M., Machmoum, M., Le Doeuf, R. Analysis of a double fed asynchronous machine, with a voltage supply in variable operation 25452
Cherkasov, J.A., Alexandrova, E.L., Burov, P.A., Snetkov, E.I., Chaika, A.N. Real-time holographic correlative processing of high-informative images 36056
Cherkasov, Yu.A., Aleksandrova, E.L. Reversible media for recording optical information 20295
Cherkasov, Yu.N. *see* Pikkel, E.V. 14717
Cherkassky, V. Neural networks and nonparametric regression 4640
Cherkauer, B.S., Friedman, E.G. Channel width tapering of serially connected MOSFET's with emphasis on power dissipation 43116
Chern, J.-H. *see* Amerasekera, A. 10638
Chern, J.H. *see* Machala, C.F., III 42968
Chern Chyi-Hsiang *see* Chyi-Hsiang Chern
Chern Horng Nan *see* Horng Nan Chern
Chern Jong-Sheng *see* Jong-Sheng Chern
Chern Jue-Hsien *see* Jue-Hsien Chern
Chern Shiunn-Jang *see* Shiunn-Jang Chern
Chern-sheng Lin *see* Rong-Seng Chang 29051
Chern-Yu, K. *see* Chou, W.C. 42472
Chernenko, A.M. *see* Matveev, B.V. 44744
Chernenko, A.S. *see* Gordeev, E.M. 32421
Chernenko, I.M. *see* Mekekechko, A.Yu. 6647
Cherney, E.A. RTV silicone rubber coatings for substation insulator maintenance 8716
Cherney, E.A. *see* Kim, S.-H. 43203
Cherney, E.A. *see* Seog-Hyeon Kim 47557
Cherng, J.G. Acoustic metrology for dimensional conformance 46631
Cherng, J.G., Sheng-Lih Peng Transient multiple impulsive signal analysis for pneumatic percussive rivet tools 46694
Cherng Min Ma Topology preservation on 3D images 36871
Cherniatin, V. *see* O'Brien, E. 31743
Chernichkova, T.S. *see* Letin, V.A. 32042
Chernick, J. *see* Perlovsky, L.I. 29817
Chernicky, J. *see* Sullivan, P. 9306
Chernigin, A.S. *see* Kurakin, A.S. 16864
Chernikhovskiy, A.L. *see* Filatov, K.V. 29672
Chernikov, S.V., Taylor, J.R., Kashyap, R. Integrated all optical fibre source of multigigahertz soliton pulse train 3759
Chernikov, S.V., Taylor, J.R., Kashyap, R. Coupled-cavity erbium fiber lasers incorporating fiber grating reflectors 12084
Chernikov, S.V., Taylor, J.R., Kashyap, R. Experimental demonstration of step-like dispersion profiling in optical fibre for soliton pulse generation and compression 43388
Chernilin, Yu.F. Economics of nuclear and thermal power plants in the transition to market relations 25148
Chernin, D. *see* Hughes, T.P. 6956
Chernov, A.A. *see* Nesterov, V.A. 38752
Chernov, P.V. *see* Dianov, E.M. 44135
Chernov, S.M., Yurevich, V.A. Transmission of ultrashort pulses by a thin layer of material with nonlinear nonresonant polarizability 12316
Chernukho, A. *see* Cenian, A. 11971
Chernyak, L. *see* Gartsman, K. 1948
Chernyakov, E.I. *see* Kanarik, G.G. 28449
Chernyakov, M.S. *see* Obraztsov, A. 18868
Chernyavskiy, I.A. *see* Pikunov, V.M. 1800
Chernyavskiy, I.A. *see* Pikunov, V.M. 10616
Chernyavsky, I.A. *see* Pikunov, V.M. 28689
Chernyi, V.V. *see* Zalyubovskii, I.I. 24586
Chernykh, A.V. *see* Gurtovoi, V.L. 28404
Chernykh, S.M. *see* Gryazanov, N.S. 15469
Chernykh, V.A. *see* Buritskii, K.S. 3132
Chernyshev, A.K., Kotova, S.P. The effect of the external cavity length on the gain-guided laser diode spectrum 43892
Chernyshov, I.Yu. *see* Vavriv, D.M. 1082
Cheron, B., Gilles, H., Hamel, J., Moreau, O., Sorel, H. Laser frequency stabilization using Zeeman effect 43769
Cheron, Y. *see* Collomb, C. 17062
Cheron, Y. *see* Fezzani, D. 8584
Cheron, Y. *see* Kuo-Peng, P. 17063
Cherpenin, V.A. *see* Aleksandrov, A.F. 1790
Cherradi, A. *see* Loosfelt, P. 44824
Cherrett, P. Practical benchmarking 40980
Cherrette, A.R. *see* Johannsen, K.G. 37913
Cherruault, Y. *see* Mavoungou, T. 26370
Cherry, A. *see* Hawley, M. 39111
Cherry, D. *see* Goel, S. 32047
Cherry, G., Nussbaum, J., Schwartz, M. High speed networks and the digital TV studio 5334
Cherry, P.C., Iskander, M.F. Calculations of heating patterns of an array of microwave interstitial antennas 24332
Cherry, S.R. *see* Dahlbom, M. 15735
Cherry, S.R. *see* Guerrero, T.M. 15739
Cherry, S.R. *see* Hall, T.J. 11905
Cherry, S.R. *see* Russ, K.B. 11794
Cherry, S.R. *see* Woods, R.P. 24241
Chertkov, V.A., Andrianov, V.I., Maksimenko, M.I., Kozlov, S.A. The spectral characteristics of optimal passive digital frequency synthesizers 34135
Chertok, I.I. *see* Alinovsky, N.I. 15330
Chertouk, M., Boudiaf, A., Azoulay, R., Clei, A. Effect of defects due to lattice mismatch between GaAs and InP materials on gate leakage current and microwave noise of GaAs MESFETs on InP substrates 35031
Chertouk, M., Chovet, A., Clei, A. 1/f trapping noise theory with uniform distribution of energy-activated traps and experiments in GaAs/InP MESFETs biased from ohmic to saturation region 11254
Chertouk, M. *see* Hamida, A.B. 34518

Cherubini, G. Analysis of the convergence behavior of adaptive distributed-arithmetic echo cancellers 22683
Chervinskii, V.N. *see* Florinskii, V.Y. 35036
Chesca, B. On the theory of the symmetrical double SQUID 35267
Chesca, B. On the theoretical study of an RF-SQUID operation taking into account the noise influence 43345
Chesi, E. *see* Beker, H. 7152
Chesi, E. *see* Campbell, M. 46972
Chesi, E. *see* French, M. 46990
Chesi, E. *see* Guyonnet, J.L. 46904
Cheskidov, V.G. *see* Auslender, V.L. 6910
Chesney, M. Synthetic ropes in catenary construction 25885
Chesnokov, S.N., Dolzhenko, D.E., Ivanchik, I.I., Khokhlov, D.R. Far infrared high-performance lead telluride-based photodetectors for space-born applications 38506
Chesnokov, V.M. *see* Elizarov, L.I. 38829
Chesnokova, T.D. *see* Atamanchuk, I.G. 27659
Chesnys, A., Oginskas, A., Lisauskas, V. Field dependence of electroconductivity and pulsed breakdown in noncrystalline films of Ga-Te system 1860
Chessari, J. *see* Bednall, E. 13942
Chesser, J.B. Radiation testing of optical fibers for a hot-cell photometer 3006
Chesshire, J. The relevance of energy efficiency for electricity supply 24829
Chester, J.K. *see* Ballad, J.P. 8589
Chester, N.S. *see* Brown, B.C. 15535
Chesterman, P. *see* Guy, C.N. 31946
Chetali, B., Lescanne, P. An exercise in LP: the proof of a non restoring division circuit 33988
Chettiar, V.Mohanan *see* Mohanan Chettiar, V.
Chettri, S.R., Zimmerman, J., Keefe, M. Robust statistics and the DLT [computer vision] 5043
Chetverikov, A.P. *see* Dmitriyev, A.Yu. 10631
Chetwynd, D.G., Harb, S.M., Krylova, N.O., Smith, S.T. The feasibility of extended range monolithic X-ray interferometric calibrators 38703
Chetwynd, D.G. *see* Liu, X. 15216
Chetwynd, D.G. *see* Liu, X. 23893
Cheul Shim, Intae Ryoo, Junho Lee, SangBae Lee Modeling and call admission control algorithm of variable bit rate video in ATM networks 45639
Cheung, B.P. *see* Ropponen, C.T. 16606
Cheung, C. *see* Rayner, R. 16230
Cheung, C.C. *see* Ko, K.-T. 30261
Cheung, C.Y. *see* Sher, D.B. 45181
Cheung, D.T. *see* Asbeck, P.M. 28114
Cheung, E., Leake, S. End-to-end robotic module changeout procedure on the Explorer Platform Spacecraft 39140
Cheung, E. *see* Leake, S. 47162
Cheung, J.C.S. *see* Willard, C. 5821
Cheung, J.T., Morgan, P.E.D., Neugaonkar, R., Goorsk, M. Epitaxial $La_{0.5}Sr_{0.5}CoO_3$ electrode films for ferroelectric device applications 35142
Cheung, K. *see* Sharony, J. 6069
Cheung, K.W., Chen, L.K., Su, C., Yeung, C.T., To, P.T. Tunable-channel multi-access (TCMA) networks: a new class of high-speed networks suitable for multimedia integrated networking 30711
Cheung, K.W., Chow, J.H. Slow dynamics simulation of power systems 39471
Cheung, N.W., En, W., Jones, E., Yu, C. Plasma immersion ion implantation of semiconductors 10875
Cheung, N.W. *see* Chan, J. 27480
Cheung, N.W. *see* Crid Yu 2077
Cheung, N.W. *see* Hu, C. 2210
Cheung, N.W. *see* Im, S. 766
Cheung, N.W. *see* Jones, E.C. 10873
Cheung, N.W. *see* Seongil Im 18137
Cheung, N.W. *see* Tao, J. 43114
Cheung, R., Zijlstra, T., van der Drift, E., Geerligs, L.J., Verbruggen, A.H., Werner, K., Radelaar, S. High-resolution reactive ion etching and damage effects in the Si/Ge_xSi_{1-x} system 27739
Cheung, R. *see* Anderson, S.G.H. 19666
Cheung, R. *see* Ramaswami, S. 2246
Cheung, R. *see* van der Drift, E. 27753
Cheung, S.C., Kramer, J. Enhancing compositional reachability analysis with context constraints 30512
Cheung, S.W. *see* Vong, C.Y. 21493
Cheung, S.Y. *see* Ammar, M.H. 5253
Cheung, W., Letts, P., Roth, G. Model-based tracking using a real-time laser rangefinder 38714
Cheung, Y.Y. The process of NAMAS accreditation 38755
Cheung Lam, Cawley, K., Hanz, R. Power factor correction: can simulation help? 32947
Cheung Lam *see* Roullier, T. 1048
Cheung Sen-Ching *see* Sen-Ching Cheung
Cheung-Fat Chan, Kwok-Wah Law Split-dimension piece-wise vector quantization of PARCOR coefficients 13140
Cheung-Fat Chan *see* Kwok-Wah Law 4578
Cheung-Wei Lam, Ali, S.M., Nuytkens, P. Three-dimensional modeling of multichip module interconnects 17895
Chevacharoenkul, S. *see* Jianxing Li 2008
Chevalier, E. *see* Guthmann, C. 32888
Chevalier, F.Le *see* Le Chevalier, F.
Chevalier, M. *see* Moran, P. 15789
Chevalier Del Rio, M. *see* Contento, G. 15787
Chevallay, E., Durand, J., Hutchins, S., Suberlucq, G., Wurgel, M. Photocathodes tested in the DC gun of the CERN photoemission laboratory 38810
Chevoir, F. *see* Bouregba, R. 34258
Chevrel, P. *see* Irving, E. 39810
Chevrette, P. *see* Woolven, S. 21919
Chevrier, J., Natoli, J.Y., Berbezier, I., Ronda, A., Derrien, J. Semiconducting silicide-silicon heterostructures 19368
Chevrier, J. *see* Derrien, J. 18145
Chevry, M. *see* Adam, W. 46929
Chew, A. *see* Roberts, J.S. 26455
Chew, C.H. *see* Seah, K.H.W. 26532
Chew, L.C. *see* Ang, M.K. 33340
Chew, N.G. *see* Keene, M.N. 20213
Chew, N.G. *see* Lancaster, M.J. 1465
Chew, T.-S., Lai, E.M.-K. NETPLAN—a telecommunications network planning support system 30260
Chew, W.C. Fast algorithms for wave scattering developed at the University of Illinois' Electromagnetics Laboratory 4035
Chew, W.C., Lu, C.-C. The use of Huygens' equivalence principle for solving the volume integral equation of scattering 4044
Chew, W.C. *see* Herzinger, C.M. 35815
Chew, W.C. *see* Lu, C.C. 21196
Chew, W.C. *see* Lui, Q.-H. 41226
Chew, W.C. *see* Wang, Y.-M. 36154
Chew, Y.H., Tjhung, T.T., Mendis, F.V.C. Performance of single- and double-ring resonators using 3×3 optical-fiber coupler 45944
Chew, Y.T., Low, H.T., Lee, C.N., Kwa, S.S. Laser anemometry measurements of steady flow past aortic valve prostheses 7377
Chew Weng Cho *see* Weng Cho Chew
Chexal, V.K., Shevde, V.C., Ha, D.H., Erhart, D.W. CHECWORKS: a corrosion simulation platform for the future 25186
Chey, W.Y. *see* Tanyel, M. 7439
Cheynis, B. *see* Benchekroun, D. 7218
Chhabra, J.S. AXE-10 system: architecture and features 14333
Chhak, S. *see* Pettigrew, R.D. 32515
Chhalotra, G.P. *see* Devnani, P. 39593
Chhatwal, H.L., Dewakar, R.K. A simple reactor for growth of HgCdTe films using LPE technique 771
Chhibber, S., Apostolakis, G. Some approximations useful to the use of dependent information sources 9346
Chhibber, S., Apostolakis, G.E., Okrent, D. On the use of expert judgments to estimate the pressure increment in the Sequoyah containment at vessel breach 32623
Chhiu-Tsu Lin, Li, L., Webb, J.S., Lipeles, R.A., Leung, M.S. An aqueous, low temperature process for synthesizing PZT(53,47) thin films 33686
Chhokra, R.S., Krishnan, K.K., Balaji Gupta, P. Computerised data acquisition system for central radiation protection console 14875
Chi, C.Y. *see* O'Brien, E. 31743
Chi, P.H. *see* Martin, J.M. 2019
Chi, P.H. *see* Thompson, P.E. 19523
Chi Cheng Chung *see* Cheng Chung Chi
Chi Chin Liang *see* Liang Chi Chin
Chi Chong-Yung *see* Chong-Yung Chi
Chi Guo-Chung *see* Guo-Chung Chi
Chi Hanzhong, Li Dongkui A new algorithm for computing the reliability of complex networks by the cut method 9906
Chi Hoon Jun *see* Doh Hoon Kim 2377
Chi Hou Chan *see* Kouki, A.B. 18954
Chi Hsin-Chou *see* Hsin-Chou Chi
Chi Kai-Ming *see* Kai-Ming Chi
Chi Kwong Fong *see* Fong Chi Kwong
Chi Lin Fen *see* Fen Chi Lin
Chi Mely Chen *see* Mely Chen Chi
Chi Sheng *see* Qian Cui 34705
Chi Sheng *see* Sheng Chi
Chi Shih Chang Resistive signal line wiring net designs in multichip modules 40939
Chi Sien *see* Sien Chi
Chi Sung Laih, Lein Harn Generalized threshold cryptosystems 12972
Chi Thi Ngo Kim *see* Kim Chi Thi Ngo
Chi Xuhang *see* Tan Kexiong 25517
Chi-Ching Chang *see* Yuh-Ping Tong 3827
Chi-Guen Han, Pardalos, P.M., Yinyu Ye On the solution of indefinite quadratic problems using an interior-point algorithm 565
Chi-hsiang Wang *see* Wei-Song Lin 8376
Chi-Hsien Lin, Wachtman, J.B., Sigel, G.H., Pfeffer, R.L., Monahan, T.P., Lareau, R.T. Hydrogen in RF reactive magnetron sputtered silicon nitride films 9790
Chi-hsin Wu, Doerschuk, P.C. Cluster approximations for statistical image processing 29855
Chi-Hsin Wu, Yagle, A.E. The gradient adaptive split lattice algorithm 45006
Chi-Hua Chyan *see* Sheng-Tsaing Tseng 33322
Chi-Jui Wu, Chii-Ming Liaw, San-Yi Lee Design and implementation of on-line static reactive power compensators for unbalanced power systems 7805
Chi-Jui Wu, Chun-Feng Lu Damping torsional oscillations by a superconducting magnetic energy storage unit 32215
Chi-Jui Wu *see* San-Yi Lee 32403
Chi-Min Liu *see* Jiun-In Guo 18621
Chi-Min Yuan *see* Lucas, K.D. 2340
Chi-Song Horng, Sathe, S. Programmable interconnect in FPGA-based prototyping 33954
Chi-Sung Laih, Sung-Ming Yen Secure Addition Sequence and its applications on the Server-Aided Secret Computation protocols 12952
Chi-Sung Laih, Sung-Ming Yen Secure addition sequence and its application on the server-aided secret computation protocols 36578
Chi-Sung Laih, Sung-Ming Yen, Lein Harn Two efficient server-aided secret computation protocols based on the addition sequence 12894
Chi-Sung Laih *see* Sung-Ming Yen 21569
Chi-Taou Tsai *see* Wai-Yeung Yip 401
Chi-Wai Chang *see* Wen-Thong Chang 13795
Chi-Wang Shu *see* Gardner, C.L. 19730
Chi-Yeh King, Bong Ho Simultaneous measurement of material characteristics of layered structures by a single acoustic interrogation 18365
Chi-Yung Chang *see* Wai-Chi Fang 41969
Chia, L.T., Parish, D.J., Griffiths, J.W.R. On the treatment of video cell loss in the transmission of motion-JPEG and JPEG images 45620
Chia, S.T.S. Radio planning for a high capacity personal communications system 22878
Chia, S.T.S., Lobley, N.C. Resource management for mobility support in a third generation mobile system 37762
Chia, T.T. *see* Lee, R. 41222
Chia Fu Hsin *see* Hsin Chia Fu
Chia Tse-Tong *see* Tse-Tong Chia
Chia-Chen Hsu *see* Tzer-Hsiang Huang 43624
Chia-Chi Huang *see* Khayata, R. 36184
Chia-erh Chen *see* Qingyuan Wang 20590
Chia-Erh Chen *see* Chen Chia-Erh
Chia-Hsien Wen *see* Wen-Tsuen Chen 30094
Chia-Hsing Lin, Jen-Sheng Hung, Chein-Wei Jen A two-level on-chip memory for video signal processor 18716
Chia-Hsing Lin *see* Jen-Sheng Hung 36851
Chia-I Hung *see* Dau-Chyrh Chang 44572
Chia-Jen Lin *see* Chuan-Shen Liu 25265
Chia-Liang Liu, Feher, K. An asymmetrical pulse shaping technique to combat delay spread 22835
Chia-Lin Hwang *see* San-Qi Li 29580
Chia-Lin Hwang *see* San-qi Li 45310
Chia-Lu Ho, Ja-Nan Wang Performance analysis of optical receivers with phase diversity FSK detection scheme 45981
Chia-Yiu Maa Hybrid vector quantization methods for image and video compression 36971
Chia-Yu Wang *see* Shih-Jen Wang 47673
Chiaberge, M., Del Corso, D., Gregoretti, F., Reyneri, L.M. A neural network chip using CPWM modulation 18938
Chiaia, G. *see* Ciccacci, F. 38806
Chialina, S. *see* Biey, M. 1000
Chialvo, D. *see* Pantazelou, E. 18543
Chiampi, M., Chiarabaglio, D., Tartaglia, M. A general approach for analyzing power busbar under AC conditions 48013
Chiampi, M. *see* Boglietti, A. 40219
Chian, M.C., Coston, W.T. A fully integrated mixed analog/digital/switched-capacitor simulation framework 9893
Chian, M.C., Majors, S.S. Including IC packaging issues in circuit design 11269
Chianelli, C. *see* Antoine, C.Z. 11526
Chiang, A.M. Real time CCD-based neural network system for pattern recognition applications 1355
Chiang, C. *see* Dabral, S. 294
Chiang, C.-H. *see* Basu, S. 13307
Chiang, C.-J. *see* Jenkins, J.M. 24305
Chiang, C.-M. *see* Prybyla, J.A. 41473
Chiang, C.J., Jenkins, J.M., Silka, M.J., DiCarlo, L.A. Median filtering as a sudden onset criterion to separate sinus tachycardia from ventricular tachycardia 24307
Chiang, C.S. *see* Kuo, J.B. 18791
Chiang, D.R., Cutler, M. MATEG: a hierarchical test generator for module-based circuits 18692
Chiang, D.R. *see* Nguyen, H.T. 18565
Chiang, H.-D., Chu, C.-C. A systematic search method for obtaining multiple local optimal solutions of nonlinear programming problems 9439
Chiang, H.-D. *see* Fekih-Ahmed, L. 9925
Chiang, H.-D. *see* Hsiao, Y.-T. 24851
Chiang, H.-D. *see* Jean-Jumeau, R. 24700
Chiang, I. *see* Maxwell, P.C. 2625
Chiang, K.S. Measurement of equalization wavelength for two-mode optical fibers by four-wave mixing 35322
Chiang, K.S., Kaul, R., Spaul, W.J. Pressure and temperature sensitivities of rocking filters fabricated from elliptical-core fibres 38537
Chiang, N. *see* Yuen, C. 19089
Chiang, S.J. *see* Liaw, C.M. 40317
Chiang, S.T. *see* Sheng, T.T. 2158
Chiang, T.-C. *see* Tsu, R. 18221
Chiang, T.-C. *see* Tsu, R. 33660

Chiang, W.-L., Greenhut, V.A., Shanefield, D.J., Johnson, L.A. Substrate pretreatments and strength limiting factors in Cu-AlN direct bonds 40978
Chiang, W.P., Lee, W. EASA—an expert system for digital network maintenance trouble diagnosis 5357
Chiang, Y.-Y. *see* Chang, C.-J. 30339
Chiang Ching-Tai *see* Ching-Tai Chiang
Chiang Hsiao-Dong *see* Hsiao-Dong Chiang
Chiang Hung-Yu *see* Okuno, A. 383
Chiang Jih-Chen *see* Jih-Chen Chiang
Chiang Ti-Hao *see* Ti-Hao Chiang
Chiang-nan Chao, Scheuing, E.E., Dubas, K.M., Mummalaneni, V. An assessment of supplier selection: Chinese purchasing managers' criteria and their implications for western marketers 40849
Chiang-Tsung Huang *see* Chuan-Shen Liu 25265
Chiangmai, S.Na *see* Na Chiangmai, S.
Chiani, M. *see* Andrisano, O. 5748
Chiao, J.-C. *see* Kim, M. 1584
Chiao, J.-C. *see* Rutledge, D.B. 27288
Chiao, R.Y. *see* Kwiat, P.G. 46453
Chiao, S.-C., Zhou, J.-L., Macleod, H.A. Optimized design of an antireflection coating for textured silicon solar cells 8768
Chiao, Y.-H., Copus, K.A. Low temperature sintering and cosintering of aluminum nitride substrates 18308
Chiao Jung-Chih *see* Jung-Chih Chiao
Chiappini, A., Penna, C., Ruggi, A., Silvi, M. EMI control in bidirectional ground-train data transmission 44449
Chiappo, A., Grigis, G. The application of informatics to the management of power distribution networks. A practical experience in an industrial plant 24911
Chiapyng Lee *see* Ming-Deng Shieh 696
Chiarabaglio, D. *see* Boglietti, A. 40219
Chiarabaglio, D. *see* Chiampi, M. 48013
Chiaraluce, F., Farina, F., Rozzi, T., Zappelli, L. Pulse propagation and transients in dielectric guide 29251
Chiaraluce, F., Gambi, E., Pierleoni, P. Soliton propagation in long erbium-doped fiber amplifiers with nonuniform gain 30735
Chiaraluce, F. *see* Cancellieri, G. 35387
Chiaraluce, F. *see* Cancellieri, G. 45772
Chiaramonte, F.P., Taylor, J.D. Phase change energy storage for solar dynamic power systems 32040
Chiaratti, R. *see* Antonelli, A. 24054
Chiarelli, C., Malesani, L., Pirondini, S., Tomasin, P. Single-phase, three-level, constant frequency current hysteresis control for UPS applications 16983
Chiaretti, G. *see* Gerla, M. 30710
Chiaretti, G. *see* Sacchi, G. 43800
Chiari, A. *see* Casagrande, G. 41938
Chiariglione, L. Generic media coding—attacking the broadband communication problem from the user side 30304
Chiariglione, L. *see* Dubois, E. *(editor)* 26047
Chiarini, M. *see* O'Shaughnessy, K. 47008
Chiaroni, D., Gavignet-Morin, P., Jourdan, A. Theoretical feasibility analysis of a 256×256 ATM optical switch for broadband applications 37078
Chiaroni, D., Gavignet-Morin, P., Perrier, P.A., Ruggeri, S., Gauchard, S., de Bouard, D., Jacquinot, J.C., Chauzat, C., Jacquet, J., Doussiere, P., Monnot, M., Grard, E., Leclerc, D., Sotom, M., Gabriagues, J.M., Benoit, J. Rack-mounted 2.5 Gbit/s ATM photonic switch demonstrator 37687
Chiaroni, D. *see* Morin, P. 5682
Chiarulli, D.M., Levitan, S.P., Melhem, R.G., Chunming Qiao Locality-based control algorithms for reconfigurable optical interconnection networks 43579
Chiarulli, D.M., Levitan, S.P., Melhem, R.G., Qiao, C. Bandwidth as a virtual resource in reconfigurable optical interconnections 28553
Chiarulli, D.M. *see* Bidnurkar, M.M. 20487
Chiasson, G.M. *see* Rasky, P.D. 45805
Chiasson, J. Dynamic feedback linearization of the induction motor 16873
Chiasson, J. Nonlinear differential-geometric techniques for control of a series DC motor 47889
Chiasson, J., Bodson, M. Nonlinear control of a shunt DC motor 32875
Chiasson, J. *see* Blauch, A.J. 40272
Chiasson, J.N., Novotnak, R.T. Nonlinear speed observer for the PM stepper motor 16906
Chiasson, J.N. *see* Bodson, M. 25475
Chiaventi, L. *see* Carelli, P. 11543
Chiaveri, E. *see* Arnaud, C. 15506
Chiaverini, V. *see* Frontera, F. 15669
Chiavetta, F., Di Gesu, V. Parallel computation of the Euler number via connectivity graph 5097
Chiba, A., Ikeda, K., Nakamura, F., Deido, T., Fukao, T., Rahman, M.A. Principles and no load characteristics of bearingless motors with a cylindrical rotor 16874
Chiba, A., Isaka, K., Onogi, Y. Analysis of current densities induced inside human model exposed to A.C. electric field 47135
Chiba, A., Watakabe, Y. Dynamic thermal response of photomasks caused by excimer laser pulse 27884
Chiba, A. *see* Nomura, S. 16850
Chiba, A. *see* Takahashi, T. 16811
Chiba, I., Ohtsuka, M., Matsumoto, S., Katagi, T. Phase controlling for improving the gain or providing the low cross-polarization level in circularly polarized phased array antennas 29369
Chiba, I. *see* Fujise, M. 37741
Chiba, I. *see* Murakami, Y. 12743
Chiba, J. *see* Hamada, H. 4582
Chiba, J. *see* Hamada, H. 36595
Chiba, K. *see* Isono, H. 46214
Chiba, S. *see* Seki, K. 7987
Chiba, T., Kido, M., Kawakami, J., Yoneda, K., Kawai, T., Hirasawa, K. High-precision voltage measuring method using fast sampled data for electric power systems 16473
Chiba, T. *see* Kido, M. 7790
Chiba, T. *see* Kido, M. 39685
Chiba, T. *see* Saito, C. 33113
Chiba, T. *see* Tokuda, K. 4542
Chibani, Y., Smara, Y. Implementation of a geometric correction process for satellite image: map/image rectification 47225
Chibirkin, V.V. *see* Arinushkin, V.N. 34910
Chibisov, M.P. *see* Alpatov, V.P. 47119
Chicai Ye *see* Ye Chicai
Chicaro, J.F., Dejsakulrit, D., Perera, B.S.P. A centroid based switching strategy for active power filters 40326
Chicharo, J.F. *see* Jang, Y.K. 4551
Chichibu, S. *see* Yoshida, N. 10913
Chichung Kot *see* Boon Poh Ng 36414
Chick, B.B. *see* Petersen, G.L. 31532
Chick, L.A., Armstrong, T.R., McCready, D.E., Coffey, G.W., Maupin, G.D., Bates, J.L. Low-temperature sintering and phase changes in chromite interconnect materials [solid oxide fuel cells] 17347
Chick, L.A. *see* Armstrong, T.R. 17373
Chickermane, V., Lee, J., Patel, J.H. Design for testability using architectural descriptions 1195
Chickermane, V., Lee, J., Patel, J.H. A comparative study of design for testability methods using high-level and gate-level descriptions 26889
Chico, L., Garcia-Moliner, F., Velasco, V.R. Electronic structure of periodically δ-doped GaAs:Si 10859
Chico, L., Jaskolski, W., Perez-Alvarez, R., Garcia-Moliner, F. On the theory of GaAs-based quantum wells with external δ-doping 10697
Chida, H. *see* Ishikawa, S. 12186
Chida, K. *see* Tanabe, T. 7062
Chida, K. *see* Tomizawa, M. 15571
Chidambaram, M. *see* Anand, S. 47661
Chidambarrao, D. *see* Egley, J.L. 11114
Chidgey, P. *see* Saxtoft, C. 5640
Chidgey, P.J. *see* Hill, G.R. 6051
Chieh Changfan, Sung-Chuan Fang, Jong-Sheng Chern, Sao-Jie Chen An efficient algorithm for over-the-cell channel routing 18435
Chieh Chen Chuko *see* Li Wang 24677
Chieh Huang Lan *see* Lan Chieh Huang
Chien, C. *see* Chung, B.-Y. 5715
Chien, C.C. *see* Ioannou, P.A. 25918
Chien, C.Y. *see* Braun, A. 30920
Chien, D.H. *see* Lee, C.C. 293
Chien, H.-C., Lombardi, F., Hall, W., Young, J. Monolithic GPS receiver and synthesizer using high-speed silicon bipolar technology 23237
Chien, M. *see* Young, M.G. 23005
Chien, M.D. *see* Kim, I. 43888
Chien, M.D. *see* Reichmann, K.C. 22714
Chien Chih-Chan *see* Chih-Chan Chien
Chien Chiun-Hong *see* Chiun-Hong Chien
Chien Chou, Hong-Jeung King Single-grating gamma ray imaging system 7330
Chien Chun-Sheng *see* Chun-Sheng Chien
Chien Chung-Ping *see* Chung-Ping Chien
Chien-Chan Liang Improvement of performance in digital recording with distanced modulation code 36524
Chien-Cheng Tseng *see* Soo-Chang Pei 44948
Chien-Chih Yu An object-oriented development process for multimedia videotex applications 30370
Chien-Chung Yeh *see* Keh-Chiarng Huarng 36644
Chien-Hsun Ho, Lu Fan, Kai Chang Slotline annular ring elements and their applications to resonator, filter and coupler design 19000
Chien-Hsun Ho, Lu Fan, Kai Chang A new type of waveguide ring cavity for resonator and filter applications 34223
Chien-Hsun Ho, Lu Fan, Kai Chang Broad-band uniplanar hybrid-ring and branch-line couplers 42171
Chien-Min Wang A new routing algorithm for cyclic shifts on BRGC hypercubes 36559
Chien-Ping Lee *see* Der-Cherng Liu 18166
Chien-Ping Lee *see* Der-Cherng Liu 42477
Chien-Ping Lee *see* Shwu-Jing Chang 35022
Chien-Wen Chiu, Ruey-Beei Wu A moment method analysis for coplanar waveguide discontinuity inductances 21346
Chien-Yuan Chen, Sien Chi Attenuation and fluorescence characteristics of optical signals propagating in an erbium-doped fiber 11616
Chienchung Chang, Chatterjee, S. Ranging through Gabor logons—a consistent, hierarchical approach 22038
Chieng, Y.K., Green, M.A. Computer simulation of enhanced output from bifacial photovoltaic modules 8777
Chieng Yew Tai *see* Yew Tai Chieng
Chiesa, F., Monti, A., Matuonto, M. Computer simulation of a cycloconverter drive and development of a full digital field oriented control 8854
Chiesa, F. *see* Baccarini, L. 14416
Chieteuk Ahn, Jae Yeal Nam, Yong Han Kim A development of HDTV transmission standard in Korea 30988
Chieu, B.-C. *see* Ho, K.-C. 4890
Chieu, T.C. *see* Shih, K.K. 27890
Chieu Bin-chang *see* Bin-chang Chieu
Chigawa, Y. *see* Nakayama, K. 4969
Chigira, A. *see* Kinugasa, N. 38341
Chignell, M.H. *see* Harrison, B.L. 5613
Chigolet, J.-C., Huet, S. Turboalternators as high availability back-up power sources 16786
Chih Hsin Wang Effect of narrow-emitter on impurity distribution in polysilicon bipolar transistors 19786
Chih Tai Wen *see* Wen Chih Tai
Chih-Chan Chien *see* Chun-Ming Chang 27046
Chih-Chan Chien *see* Chun-Ming Chang 27047
Chih-Che Chou *see* Shin, K.G. 30433
Chih-Cheng Hsieh *see* Chung-Yu Wu 31216
Chih-Chieh Chen *see* Han, Y.S. 36505
Chih-Chien Lin *see* Lin, A.T. 34482
Chih-Ho Chao, Dhawan, A.P. Artificial neural networks and model-based recognition of three-dimensional objects from two-dimensional images 30131
Chih-Lin I *see* Ayanoglu, E. 21621
Chih-Min Tsai, Dar-Chin Rau Neural networks for traffic management of telecommunication networks 14051
Chih-Ping Yeh, Sing-Ping Wang Cyclopean stereo vision for depth perception 22244
Chih-Wen Liu *see* Hsiao-Dong Chiang 32288
Chih-Yeh Chao *see* Horng-Chih Lin 837
Chih-Yeh Chao *see* Horng-Chih Lin 2052
Chih-Yeh Chao *see* Horng-Chih Lin 9755
Chih-Yuan Chen *see* Pin-Chieh Hsu 40900
Chih-Yuan Sung *see* Shiunn-Jang Chern 38173
Chih-Yung Lin *see* Hao-Tien Lee, D. 2366
Chihara, K. *see* Ishihara, K. 15715
Chiho Wang *see* Hojvat, C. 31779
Chihoub, A., LaValva, M., Avins, J., Turlip, J. A field programmable gate array implementation of a systolic architecture for a morphology engine 46341
Chihoub, A. *see* Diamantaras, K. 45227
Chihping Wang *see* Banerjee, S. 30495
Chihwen Li, Chwan-Hwa Wu Introducing rotation invariance into the neocognitron model for target recognition 22131
Chii-Jen Chung *see* Saga Chang 13141
Chii-Maw Uang, Guowen Lu, Yu, F.T.S. Unipolar interpattern association neural networks 20486
Chii-Maw Uang, Shizhuo Yin, Guowen Lu, Yu, F.T.S. Shift- and rotation-invariant interpattern heteroassociation (IHA) model 20292
Chii-Maw Uang *see* Kun Pan 46484
Chii-Maw Uang *see* Yu, F.T.S. 15067
Chii-Ming Liaw *see* Chi-Jui Wu 7805
Chijiwa, Y. *see* Shimizu, M. 30822
Chikada, N., Kirabayashi, O., Takahashi, S., Tanaka, H., Ikeda, K. Automatic input and recognition system of power distribution facility management maps based on knowledge-based recognition method 16309
Chikada, N. *see* Hirabayashi, O. 16217
Chikama, T. *see* Watanabe, S. 28998
Chikama, T. *see* Watanabe, S. 35331
Chikamura, S. 'Instrument flight' and 'instrument flight rule' of the aircraft 6164
Chikanian, A. *see* O'Brien, E. 31743
Chikano, Y. *see* Nogami, M. 40431
Chikano, Y. *see* Nogami, M. 40432
Chikaraishi, H., Arimitu, M., Wang, Y., Uemura, S., Shimada, R. Fast response power stabilizer using the AC-excited flywheel generator 24785
Chikaraishi, H. *see* Uemura, S. 16837
Chikaraishi, H. *see* Uemura, S. 16846
Chikarmane, V. *see* Lee, J. 35140
Chikarmane, V. *see* Sudhama, C. 10186
Chikawa, Y., Mori, K., Tajima, N. LCD driver TCP for high density mounting in LCD module 17878
Chike, K. *see* Cooper, J.B. 31316
Chikhachev, A.S. *see* Barminova, Ye.Ye. 6897
Chikhani, A. *see* Bouchard, D. 16182
Chikhani, A.Y. *see* Hanna, M.A. 16331
Chikhani, A.Y. *see* Hanna, M.A. 16332
Chikhani, A.Y. *see* Hanna, M.A. 16338
Chikhani, A.Y. *see* Hanna, M.A. 47532
Chikhani, A.Y. *see* Salama, M.M.A. 24685
Chikhani, A.Y. *see* Salama, M.M.A. 25022
Chikkur, G.C. *see* Malimath, G.H. 38844
Chikov, N. *see* Sueva, D. 7179
Chikov, N. *see* Vapirev, E.I. 46923
Chikwanda, H.S., Bolton, H.R. Analysis of the naturally commutated, convertor-fed induction motor drive system using a flux vector method 8823

Chikyow, T., Iijima, M., Koguchi, N. A structure observation of GaAs micro crystal/Se-terminated GaAlAs interface for the quantum well box structure 26422
Chikyow, T., Koguchi, N. A selective growth of GaAs microcrystals grown on Se-terminated GaAlAs surface for the quantum well box structure 9603
Chil Choi Hyun *see* Hyun Chil Choi
Chil-Min Kim, Kang-Soo Lee, Jeong Moog Kim, Seong-Ouk Kwon, Cheol-Jung Kim, Jong-Min Lee Route to chaos through the type I intermittency of a gain-modulated CO_2 laser caused by the discharge instability at low frequency 3434
Childers, B.A. *see* Snow, W.L. 24392
Childers, F.K. *see* Goyer, J.R. 8683
Childers, J. *see* Feldman, M.R. 28547
Childers, J. *see* Kiamilev, F. 5671
Childers, J. *see* Morris, J.E. 3370
Childers, J.E., Morris, J.E., Feldman, M.R. CMOS compatible photodetectors for optical interconnects 3391
Childress, N. *p*-adic measures and formal groups 500
Childress, S. KTeV CsI crystal calorimeter 24009
Childs, M.A., Menningen, K.L., Toyoda, H., Anderson, L.W., Lawler, J.E. Measurement of CH_3 and CH densities in a diamond growth d.c. discharge 41455
Chilese, M. *see* Baudo, G. 48252
Chilet, S.S. *see* Baixauli, J.G. 19212
Chilet, S.S. *see* Breijo, E.G. 18438
Chilet, S.S. *see* Breijo, E.G. 18646
Chilingarian, G.V. *see* Lackpour, M. 40038
Chilingarian, Yu.S. *see* Alaverdian, R.B. 20962
Chilingarov, A. *see* Bates, S. 24057
Chilla, J.L.A. *see* Prasad, M. 42488
Chillet, C. *see* Teixeira, J.C. 8329
Chilo, J. *see* Cabon, B. 26564
Chilo, J. *see* Cabon, B. 33408
Chilson, P.B., Ulbrich, C.W., Larsen, M.F., Perillat, P., Keener, J.E. Observations of a tropical thunderstorm using a vertically pointing, dual-frequency, collinear beam Doppler radar 39376
Chilton, J.E. *see* Dubaniewicz, T.H. 6521
Chim, K.-k. *see* Choy, C.-s. 26816
Chim, S.S.C., Kino, G.S. Optical pattern recognition measurements of trench arrays with sub-micrometer dimensions 34869
Chim, S.S.C. *see* Chang, F.C. 11044
Chim, W.K., Chan, D.S.H., Phang, J.C.H. Investigation of some aspects of the liquid crystal optical voltage contrast technique for integrated circuit physical analysis 43034
Chim, W.K., Chong, K.Y. Building-in reliability for silver die attached light emitting diodes 35605
Chima, J.S., Burnes, G., Claydon, A.R., Gaved, T.J. Facsimile recognition 22493
Chima, J.S. *see* Crossley, M. 22490
Chimenti, D.E. *see* Thompson, D.O. *(editor)* 9140
Chimenti, V., Clozza, A., Hsieh, H., Vaccarezza, C. DAΦNE vacuum system 15309
Chimienti, A. *see* Bellifemine, F. 13832
Chimitdorzhiev, N.B. *see* Lomukhin, Yu.L. 29134
Chimoon Huang, Tahui Wang Transient simulation of EPROM writing characteristics with a novel hot electron injection model 18740
Chimoon Huang *see* Tahui Wang 26808
Chin, A., Hersee, S., Martin, P., Mazurowski, J., Ballingall, J., Glass, J.A., Jr., Spencer, J.T. CBE growth of InP with triethylindium and metalorganic phosphorous precursors: bisphosphinoethane and tertiarybutyl-phosphine 41382
Chin, A. *see* Zhao, J.H. 2508
Chin, A. *see* Zhao, J.H. 11895
Chin, A.K. *see* Dabkowski, F.P. 20813
Chin, A.K. *see* Meehan, K. 35811
Chin, D., Pan, S., Wu, K. Geometry effect on CMOS transistor stability under DC gate stress 35085
Chin, D. *see* Brand, A. 34078
Chin, D. *see* Taylor, H.H. 4855
Chin, G.M. *see* Liu, T.M. 20025
Chin, G.R. *see* Giles, M.D. 28245
Chin, J.P., Herring, R.D., Elliott Familant, M. A usability and diary study assessing the effectiveness of call acceptance lists 5416
Chin, K. *see* Chuang, C.T. 41798
Chin, K. *see* Hsieh, H.Y. 10139
Chin, K. *see* Shin, H.J. 34045
Chin, L. Application of neural networks in target tracking data fusion 36649
Chin, L.-P., Chang, J.-F. Traffic modeling for mobile cellular systems 30638
Chin, L.M. *see* Gladstone, D.J. 31972
Chin, M. *see* Van Dyck, R.E. 13566
Chin, M.A. *see* Fullowan, T.R. 2455
Chin, M.E., Chang, W.S.C. Theoretical design optimization of multiple-quantum-well electroabsorption waveguide modulators 28507
Chin, M.K. Design considerations for vertical δk directional coupler 21298
Chin, M.K. *see* Chu, D.Y. 43913
Chin, M.R. *see* Zhao, J. 20027
Chin, M.R. *see* Zhao, J. 34936
Chin, Q.Q., Horigome, M. An expression of reliability distribution based on expertise in exponential distribution 26262
Chin, R.K. Evaluation of communications in power distribution monitoring 9052
Chin, R.T. *see* Jang, B.K. 45200
Chin, R.T. *see* Mei-Hsing Chen 21957
Chin, S. *see* Mayes, M.K. 18835
Chin, S.-P., Wu, C.-Y. A new grid-generation method for 2-D simulation of devices with non-planar semiconductor surface 19720
Chin, T.-H. *see* Nakano, M. 8639
Chin, T.-H. *see* Yang, G. 8360
Chin, T.-H. *see* Yang, G. 8361
Chin, T.-H. *see* Yang, G. 8796
Chin, T.-H. *see* Yang, G. 16886
Chin, T.C. *see* Mital, D.P. 8464
Chin, T.P., Chang, J.C.P., Kavanagh, K.L., Tu, C.W., Kirchner, P.D., Woodall, J.M. Growth and characterization of $In_xGa_{1-x}P$ ($x \leqslant 0.38$) on GaP(100) with a linearly graded buffer layer by gas-source molecular beam epitaxy 9539
Chin, T.P., Hou, H.Q., Tu, C.W., Chang, J.C.P., Otsuka, N. InGaAs/InP and InAsP/InP quantum well structures on GaAs (100) with a linearly graded InGaP buffer layer grown by gas-source molecular beam epitaxy 41361
Chin, T.P. *see* Asbeck, P.M. 11152
Chin, V.W.L. Reassessment of the piezoelectric constant in GaAs by studying the electron transport of high purity MBE-grown GaAs 42427
Chin, V.W.L., Osotchan, T., Vaughan, M.R., Tansley, T.L., Griffiths, G.J., Kachwalla, Z. Hall and drift mobilities in molecular beam epitaxial grown GaAs 10664
Chin, V.W.L. *see* Egan, R.J. 34515
Chin, Y.H. New features and applications of ABCI 46762
Chin, Y.S. *see* Nagl, M.M. 18379
Chin Hongsheng *see* Hongsheng Chin
Chin Liang Chi *see* Liang Chi Chin
Chin Liew Soo *see* Soo Chin Liew
Chin Lin Chen, Lin, C.E., Ching-Lien Huang The calculation method of reactive and harmonic current compensation for multi-phase system using instantaneous power theory 7711
Chin Lin Chen, Lin, C.E., Ching-Lien Huang Calculation of reactive and harmonic current in multi-phase system using equal current synchronous detection method 7714
Chin Mee Koy *see* Mee Koy Chin
Chin Yong Ohk *see* Yong Ohk Chin
Chin-Chen Chang, Tzong-Chen Wu, Chen, C.P. The design of a conference key distribution system 21570
Chin-Chuan Han *see* Kuo-Chin Fan 30133
Chin-Der Wann, Thomopoulos, S.C.A. Clustering with unsupervised learning neural networks: a comparative study 21851
Chin-Fuan Wang *see* Wen-An Loong 2382
Chin-Hsing Chen *see* Jih-Jian Leu 13700
Chin-Hui Lee *see* Keh-Yih Su 36612
Chin-Hui Lee *see* Shigeru Katagiri 44759
Chin-Liang Wang, Hsiu-Lin Peng A new systolic array for 2-D fir digital filtering and its applications 18873
Chin-Liang Wang, Yu-Tai Chang A novel systolic architecture for the 2-D discrete Fourier transform 18620
Chin-Liang Wang *see* Jia-Wen Lin 34164
Chin-Lin Chen *see* Ferguson, B.A. 45918
Chin-Lin Chen *see* Vaziri, M. 23650
Chin-Ming Hong *see* Shun-Yuan Wang 16820
Chin-Tsar Hsu, Yan-Kuin Su, Meiso Yokoyama Electroluminescent devices with different insulator/semiconductor interfaces prepared by radio-frequency sputtering 3347
Chin-Tu Chen *see* Liwa Wang 36775
Chin-Tu Chen *see* Shiuh-Yung Chen 31847
Chin-Wen Yang *see* Wen-Tsuen Chen 30094
Chin-Woo Tan, Varghese, M., Varaiya, P., Wu, F. Bifurcation and chaos in power systems 39472
Chin-Yuan Chen *see* Jyh-Feng Lin 3358
Chinchilla, R., Nurre, J.H. Design of an industrial controls laboratory 40838
Chinchio, E. *see* Chavanne, J. 7108
Chindemi, M. *see* Malandrino, A. 17318
Chindris, M., Colosi, T. A variant for numerical simulation of a high-frequency converter with voltage-fed inverter 34196
Ching, J.Ang Gim *see* Ang Gim Ching, J.
Ching, P.C., Cheng, Y.H., Ko, M.H. An in-circuit emulator for TMS320C25 34112
Ching, Y.-C., Say, H.S. SONET implementation 5892
Ching Lim Yong *see* Yong Ching Lim
Ching Tang Loon *see* Loon Ching Tang
Ching Yuh Jan, Oruc, A.Y. Fast self-routing permutation switching on an asymptotically minimum cost network 30168
Ching-An Lin, Chwan-Wen King Inverting periodic filters 34180
Ching-Cheng Tien, Tzuang, C.-K.C., Peng, S.T., Chung-Chi Chang Transmission characteristics of finite-width conductor-backed coplanar waveguide 18964
Ching-Cheng Tien *see* Wen-Teng Lo 42142
Ching-Cheng Wang An accurate calibration method of effective focal length for machine vision applications 29924
Ching-Cherng Sun, Ming-Wen Chang, Ken Yuh Hsu, Ming-Trong Lee, Weichi Chang Matrix-matrix multiplication by using anisotropic self-diffraction 11755
Ching-Chih Kuo, Hen-Wai Tsao, Jingshown Wu Gaussian and exact analyses on the effect of local oscillator intensity noise in optical phase diversity FSK receiver 45922
Ching-Chih Kuo, Hen-Wai Tsao, Jingshown Wu, Yang-Han Lee A comparison of performance between {2×2} and {3×3} optical phase diversity FSK receivers using delay-and-multiplying discriminator 14624
Ching-Chir Shyur, Shan-Hsin Tsao, June-Hong Chen SONET equipment cost modeling based on AI technology 5993
Ching-Chir Shyur, Ying-Ming Wu, Chun-Hsien Chen The capacity comparison and cost analyses for SONET self-healing ring networks 45972
Ching-Chuan Su Comparison of time-step sizes for stability and convergence in transient analysis of MOSFET circuits 35092
Ching-Chung Li *see* Chuang, H.Y.H. 46340
Ching-Fa Yeh, Chyi-Hsiang Chern Improved *I-V* characteristics of polysiilicon thin film transistors with novel dual-buffer drain structure 42929
Ching-Fa Yeh, Shyue-Shyh Lin, Tzung-Zu Yang, Chun-Lin Chen, Yu-Chi Yang Performance and off-state current mechanisms of low-temperature processed polysilicon thin-film transistors with liquid phase deposited SiO_2 gate insulator 42934
Ching-Fa Yeh, Tzung-Zu Yang, Chun-Lin Chen, Tai-Ju Chen, Yu-Chi Yang Experimental comparison of off-state current between high-temperature and low-temperature-processed undoped channel polysilicon thin-film transistors 11193
Ching-Han Hsu *see* Kwo-Jyr Wong 30097
Ching-Her Lee *see* Bagby, J.S. 34214
Ching-Hsiang Hsu *see* Jyh-Chyurn Guo 42926
Ching-Hwa Chen *see* Ra, Y. 10916
Ching-Hwa Cheng *see* Yung-Yuan Chen 41989
Ching-Lien Huang *see* Chin Lin Chen 7711
Ching-Lien Huang *see* Chin Lin Chen 7714
Ching-Lien Huang *see* Hong-Tzer Yang 47606
Ching-Lien Huang *see* Hui-Yung Chu 8502
Ching-Lien Huang *see* Wei-Ming Wang 7934
Ching-Ling Wei, Wong, G.T.F. Assessing radioactive contamination of the marine environment of Taiwan by the operation of nuclear power plants: a framework for action 24515
Ching-Piao Hu *see* Ming Chang 46598
Ching-Sheu Wang *see* Yao-Huang Kao 10012
Ching-Tai Chiang *see* Yuan-Hwang Chen 36640
Ching-Tarng Shyu, Likarn Wang Electric current measurement with enhanced sensitivity using two metal-coated fibres. A demonstrative study 23653
Ching-Te Chuang *see* Pong-Fei Lu 18713
Ching-Tien Liou *see* Shey-Huei Sheu 41016
Ching-Tsai Pan, Ting-Yu Chang A microcomputer based vector controlled induction motor drive 33092
Ching-Tsai Pan, Ting-Yu Chang, Kuie-Lin Lo A discrete-time variable structure controller for induction motor drives 17479
Ching-Tsai Pan, Tsung-Cheng Chen, Chen-Ming Hung A low cost voltage-fed current controlled inverter for induction motor drives 17078
Ching-Tsai Pan *see* Ting-Yu Chang 8835
Ching-Tsorng Tsai *see* Pau-Choo Chung 42092
Ching-Wei Yeh, Lung-Tien Liu, Chung-Kuan Cheng, Hu, T.C., Ahmed, S., Liddel, M. Block-oriented programmable design with switching network interconnect 41863
Ching-Yih Tseng, Griffiths, L.J. Are equiripple digital FIR filters always optimal with minimax error criterion? 36718
Ching-Yuan Wu *see* Kun-Zen Chang 19781
Ching-Yuan Wu *see* Yung-Song Lou 28075
Chingshyang Lo, Masry, E., Milstein, L.B. Design and analysis of a fast frequency-hopped DBPSK communication system. I. Error performance in AWGN plus partial-band noise jamming 22773
Chinn, G., Sung-Cheng Huang Noise and resolution of Bayesian reconstruction for multiple image configurations 39013
Chinn, S.R., Swanson, E.A. Blindness limitations in optical coherence domain reflectometry 15224
Chinn, S.R., Swanson, E.A. Passive FM locking and pulse generation from 980-nm strained-quantum-well Fabry-Perot lasers 20799
Chinn, S.R. *see* Walpole, J.N. 20824
Chinni, M. *(editor)* Simulation in Military and Government. Proceedings of the 1993 Simulation Multiconference on the Simulation in Military and Government Conference 17705
Chino, H. *see* Fisher, S.M. 10926
Chino, T. *see* Adachi, H. 43864
Chino, T. *see* Takinami, N. 16318
Chinomi, T. *see* Takayama, R. 6598
Chinoy, B. Dynamics of Internet routing information 30249
Chinoy, P.B., Tajadod, J. Processing and microwave characterization of multilevel interconnects using benzocyclobutene dielectric 17897
Chiocchini, S. *see* Borio, R. 47040
Chiodo, E. A probabilistic wear model for reliability analysis of circuit breakers 25561
Chiodo, E. *see* Gagliardi, F. 16129

Chiola, G., Gaeta, R., Sereno, M. A simulation model of a double ring protocol based on timed well-formed coloured Petri nets 22341
Chiollaz, M., Favre, B. Engine noise characterisation with Wigner-Ville time-frequency analysis 8142
Chionchio, J.A., Voorhees, C. Modal testing of lightweight satellite components in vacuum 24393
Chiong, K. *see* Coane, P. 2321
Chiorboli, G., Vecchi, G.P. Comments on "Design of fiducials for accurate registration using machine vision" 29888
Chiorboli, G. *see* Corsi, F. 43124
Chiorboli, G. *see* Tesauri, M. 3595
Chiou, A., Yeh, P. Photorefractive crossbar interconnect 3252
Chiou, A. *see* Chen-Mie Wu 34084
Chiou, B.S. *see* Chang, J.H. 42330
Chiou, C.-Y., Huang, C.-H., Chen, A.Y.-T., Huang, C.-T., Lin, C.-J., Yeh, S.S.-H. A powerful personal computer-based plant transient recording and analysis system 25084
Chiou, H.-D. Criteria for choosing initial oxygen concentration in Cz silicon wafers 2004
Chiou, H.-D. Improving axial oxygen precipitation uniformity CZ silicon crystals using the S-curve concept 18118
Chiou, H.-D. *see* Rose, J.W. 2484
Chiou, P. A pooling procedure for life-test data 17965
Chiou, R.N., Chen, C.H., Hung, K.C., Lee, J.Y. The optimal geometric constraint for trinocular stereo systems 36958
Chiou, Y.-S.P., Lure, Y.M.F., Freedman, M.T., Fritz, S. Application of neural network based hybrid system for lung nodule detection 15837
Chiou, Y.H. *see* Hsieh, H.F. 2123
Chiou, Y.S.P. *see* Lure, Y.M.F. 27114
Chiou Bi-Shiou *see* Bi-Shiou Chiou
Chiou Chung-Ching *see* Chung-Ching Chiou
Chiou Horng-Jye *see* Horng-Jye Chiou
Chiou Hwa-Liang *see* Hwa-Liang Chiou
Chiou I-Peng *see* I-Peng Chiou
Chiou Shyu-Li *see* Shyu-Li Chiou
Chiou Wen-Lin *see* Wen-Lin Chiou
Chiping Chen Pierce-type dispersion relation for an intense relativistic electron beam interacting with a slow-wave structure 34477
Chiplunkar, N. CAD for VLSI design 19930
Chipman, R.A. *see* Pezzaniti, J.L. 3205
Chipman, R.A. *see* Pezzaniti, J.L. 11707
Chipman, R.A. *see* Pezzaniti, J.L. 28528
Chir-Weei Chang *see* Sien Chi 38089
Chirco, P. *see* Casali, F. 38573
Chirikov-Zorin, I. *see* Bellamy, E.H. 31733
Chirikov-Zorin, I. *see* Bellamy, E.H. 46956
Chirikov-Zorin, I. *see* Budagov, J. 46955
Chirkin, A.S. *see* Akhmanov, S.A. 21058
Chirkov, P.N., Fedotov, Yu.S., Nosochkov, Yu.M., Petrenko, I.I. Magnet sorting along the ring of the first stage of the UNK 7042
Chirkov, P.N. *see* Ageev, A.I. 15546
Chiron, B. *see* Hoarau, C. 3051
Chirovsky, L.M.F. Advances in the quantum well SEED technology 3193
Chirovsky, L.M.F., D'Asaro, L.A., Laskowski, E.J., Pei, S.S., Asom, M.T., Focht, M.W., Freund, J.M., Guth, G.D., Leibenguth, R.E., Livescu, G., Morgan, R.A., Mullaly, T., Smith, L.E., Lentine, A.L., Boyd, G.D., Woodward, T.K. Field effect transistor−self electrooptic effect device (FET-SEED) circuits for optoelectronic data processing systems 20491
Chirovsky, L.M.F. *see* Boyd, G.D. 3188
Chirovsky, L.M.F. *see* Freund, J.M. 3863
Chirovsky, L.M.F. *see* McCormick, F.B. 20492
Chirravuri, J., Silletti, A., Miniscalco, W.J., Davies, R.W., Sharfin, W.F., Wei, T. Multiwavelength pumping of erbium-doped fiber amplifiers in the 980 nm band 3513
Chirstopoulos, C. *see* Trenkic, V. 4169
Chirva, V.P., Saidov, M.S. Planar silicon photovoltaic generators 40489
Chis, M. *see* Viorel, I.A. 40185
Chishko, V.F., Dirochka, A.I., Kasatkin, I.L., Osipov, V.V., Slyn'ko, E.I., Tretinik, V.V. Photoelectric properties of $Pb_{1-x-y}Sn_xGe_yTe$:In epitaxial films 11847
Chisholm, M.F. *see* Sjoreen, T.P. 10871
Chisholm, T. *see* Koek, B.H. 27867
Chisholm, T. *see* Koek, B.H. 28002
Chisholm, T. *see* Koets, E. 28001
Chisholm, W.A. *see* Herodotou, N. 25021
Chistyakov, V.K. *see* Korzunin, G.S. 41527
Chit, N.N. *see* Mason, J.S. 21751
Chit-Sang Tsang Carrier false lock performance for TDRS TT&C transponder 45900
Chiti, M. *see* Balli, E. 24326
Chiti, S. *see* Bandinelli, M. 4262
Chiti, S. *see* Battini, M. 45693
Chitica, N. *see* Mihailescu, I.N. 813
Chitnis, V.T. *see* Sharma, R. 2348
Chitrapu, P.R., Waldo, D.J. Time-frequency analysis and linear prediction of cardiac late potentials 15875
Chitrapu, P.R. *see* Tanyel, M. 7439
Chitrapu, P.R. *see* Waldo, D.J. 13339
Chitre, D.M., Oei, W.S. Architectures for INTELSAT communications systems in the ISDN era 5842
Chittipeddi, S., Dziuba, C.M., Kannan, V.C., Kelly, M.J., Cochran, W.T., Rambabu, B. Effect of rapid thermally nitrided titanium films contacting silicided and nonsilicided junctions 2120
Chittipeddi, S., Kelly, M.J., Velaga, A.N., Kannan, V.C., Dziuba, C.M., Cochran, W.T., Rambabu, B. Effect of dopants on the thermal processing of salicided (titanium disilicided) CMOS structures 2254
Chittipeddi, S., Nanda, A.K., Kannan, V.C., Cochran, W.T. Titanium disilicide formation on CMOS structures with phosphorous doped gates 2244
Chiu, C.H., Hwang, W.S., Chou, D.P., Chen, H.T. 4π γ-ionisation chamber measurement 46927
Chiu, C.T. *see* Huang, K.T. 41273
Chiu, C.T. *see* Liu, K.J.R. 10201
Chiu, D.D.S. *see* Shi Baixuan 16019
Chiu, D.K.Y. *see* Harauz, G. 4873
Chiu, D.K.Y. *see* Shen, H.C. 4832
Chiu, H.S. *see* Chao, H.E. 25175
Chiu, K. *see* Shin, J. 704
Chiu, L.A., Seraphin, A.A., Kolenbrander, K.D. Gas phase synthesis and processing of silicon nanocrystallites: characterization by photoluminescence emission spectroscopy 41461
Chiu, L.A. *see* Werwa, E. 41462
Chiu, P.H., Magana, A., Yamakawa, K., Kmetec, J.D. 1.5 TW, 10 Hz, Ti:sapphire laser system: design and performance 20701
Chiu, P.P.K. *see* Ku, K.-M. 29907
Chiu, S.-Y. *see* Donkor, E. 30781
Chiu, T.H. *see* Ober, M.H. 3484
Chiu, T.H. *see* Tsang, W.T. 19573
Chiu, T.H. *see* Tsang, W.T. 42679
Chiu, T.Y. *see* Yan, R.H. 11181
Chiu, T.Y. *see* Zhao, J. 34936
Chiu, W.K. *see* Zhang, H. 26543
Chiu But-Chung *see* But-Chung Chiu
Chiu Cheng-Ming *see* Cheng-Ming Chiu
Chiu Chien-Wen *see* Chien-Wen Chiu
Chiu Jung-Hui *see* Jung-Hui Chiu
Chiu Liu, Qian Niu Nonequilibrium effect in an electron turnstile 28286
Chiueh, T., Katz, R. Papyrus: a history-based VLSI design process management system 41575
Chiueh Tzi-Dar *see* Tzi-Dar Chiueh
Chiun-Hong Chien A computer vision system for Extravehicular Activity Helper/Retriever 22233
Chiung Wei Lin *see* Shou Wei Hsieh 2511
Chiung-Hsing Chen *see* Starzyk, J.A. 41956
Chiung-Wen Hsu *see* Pao-Long Chang 191
Chiurlotto, F. *see* Fortuna, G. 6906
Chive, M. *see* Constant, E. 42249
Chive, M. *see* Duhamel, F. 47115
Chivers, M.J. *see* Mahon, S.J. 19037
Chivers, R.C. Reflections on realistic interfaces 920
Chivers, R.C., Bacon, D.R., Som, J.N. Towards ultrasonic transducer interferometry in water 24535
Chivers, R.C. *see* Anson, L.W. 7671
Chivers, R.C. *see* Boek, W. 39428
Chiwaki, M. *see* Ohgaki, H. 7190
Chiwaki, M. *see* Yokoyama, M. 46720
Chizhevskii, E.G. *see* Bryanov, D.I. 1931
Chizhevsky, V.N., Turovets, S.I. Small signal amplification and classical squeezing near period-doubling bifurcations in a modulated CO_2-laser 3438
Chizhikova, E.I. *see* Vlasov, G.K. 46434
Chlachidze, G. *see* Budagov, J. 46955
Chlamtac, I., Fumagalli, A. Toward optical packet-switched network architectures 30391
Chlamtac, I., Fumagalli, A. An optical data double ring network 30830
Chlamtac, I., Fumagalli, A., Kazovsky, L.G., Poggiolini, P.T. Performance evaluation of a multi-Gbit/s WDM optical packet network with physical ring topology and multi-subcarrier header encoding 30393
Chlamtac, I., Fumagalli, A., Poggiolini, P.T., Kazovsky, L.G. A multi-Gbit/s WDM optical packet network with physical ring topology and multi-subcarrier header encoding 30857
Chlamtac, I., Ganz, A., Karmi, G. Lightnets: topologies for high-speed optical networks 6074
Chlebana, F. *see* Bailey, D. 38919
Chlebana, F. *see* Bailey, D. 38920
Chlebek, J., Huber, H.-L., Oertel, H.K., Reimer, K. Nanostructure patterning with SOR X-ray lithography 28029
Chlebek, J. *see* Kohlmann-von Platen, K.T. 26508
Chlebek, J. *see* Oertel, H.K. 27864
Chlebek, J. *see* Pantenburg, F.J. 28028
Chlebis, P. *see* Brandstetter, P. 8870
Chlebus, B.S., Diks, K., Pelc, A. Sparse networks supporting efficient reliable broadcasting 22588
Chlebus, E., Coyle, A.J., Henderson, W., Pearce, C.E.M., Taylor, P.G. Mean-value analysis for examining call admission control thresholds in multi-service networks 37101
Chmelir, M. *see* Berger, M. 12289
Chmiel, G. *see* Schammler, G.K.H. 17898
Chmill, V.B., Chuntonov, A.V., Vorobiev, A.P., Khludkov, S.S., Koretski, A.V., Potapov, A.I., Tolbanov, O.P. Exploration of GaAs structures with π-ν junction for coordinate sensitive detectors 31762
Chmurny, J., Harakal, M. Locational codes for encoding of color pictures 4923
Chmykhalov, G.N. *see* Kuzhekov, S.L. 16922
Chmyrev, V. *see* Oraevsky, V. 21260
Chng, R.S.K., Sinclair, M.C., Botham, C.P., O'Mahony, M.J. Multi-layer real-time restoration for survivable networks 14617
Chng, R.S.K., Sinclair, M.C., Donachie, S.J., O'Mahony, M.J. Distributed restoration algorithm for multiple failures in a reconfigurable network 5938
Chng, S.K., Clark, M.J. A transputer based multimedia system 30449
Cho, A.Y. *see* Baquedano, J.A. 11142
Cho, A.Y. *see* Capasso, F. 26461
Cho, A.Y. *see* Chen, L.P. 23593
Cho, A.Y. *see* Dutta, N.K. 11892
Cho, A.Y. *see* Faist, J. 20554
Cho, A.Y. *see* Hunt, N.E.J. 11870
Cho, A.Y. *see* Kastalsky, A. 11256
Cho, A.Y. *see* Nichols, D.T. 43689
Cho, A.Y. *see* Nogaret, A. 19371
Cho, A.Y. *see* Sirtori, C. 19358
Cho, A.Y. *see* Sirtori, C. 36007
Cho, A.Y. *see* Sirtori, C. 42515
Cho, A.Y. *see* Wiesenfeld, J.M. 12192
Cho, B.H. *see* Choi, B. 33877
Cho, C., Minamitani, H. 3D reconstruction of gastric surface using endoscopic 3 source photometry 15771
Cho, C.-C., Liu, H.-Y., Magel, L.K., Anthony, J.M. Effects of a predeposited boron layer during the epitaxial growth of Ge on CaF_2 9609
Cho, C.P., Fussell, B.K., Hung, J.Y. Detent torque and axial force effects in a dual air-gap axial-field brushless motor 47896
Cho, D.D. Experimental results on sliding mode control of an electromagnetic suspension 12532
Cho, D.H. *see* Hirao, K. 3776
Cho, F.H. *see* Chong, C.C. 8800
Cho, G., Drewery, J.S., Hong, W.S., Jing, T., Kaplan, S.N., Lee, H., Mireshghi, A., Perez-Mendez, V., Wildermuth, D. Signal readout in a-Si:H pixel detectors 7181
Cho, G. *see* Lee, H. 31232
Cho, G.-H. *see* Huy, D.-Y. 40315
Cho, G.C. *see* Choi, N.S. 17008
Cho, G.H. *see* Choi, N.S. 17008
Cho, G.H. *see* Im, S.W. 41634
Cho, G.H. *see* Jung, Y.C. 8556
Cho, G.H. *see* Seong, H.H. 9959
Cho, H., Hachtel, G.D., Somenzi, F. Redundancy identification/removal and test generation for sequential circuits using implicit state enumeration 1131
Cho, H.-G., Strauss, H.L. Persistent infrared hole burning spectroscopy of NH_4D^+ doped in $[(NH_4)_xRb_{1-x}]_2SO_4$ mixed crystals 12323
Cho, H.D. *see* Chun, K.W. 4942
Cho, J., Saha, N.C. Doping of GaAs using SF_6 plasma treatment 27629
Cho, J. *see* Ross, W.E. 28533
Cho, J. *see* Schneider, T.P. 34735
Cho, J.-D., Liao, K.-F., Sarrafzadeh, M. Multilayer routing algorithm for high performance MCMs 17905
Cho, J.D., Raje, S., Sarrafzadeh, M., Sriram, M., Kang, S.M. A multilayer assignment algorithm for interference minimization 19201
Cho, J.D., Sarrafzadeh, M., Sriram, M., Kang, S.M. High-performance MCM routing 33828
Cho, J.S.H., Ho-Kyu Kang, Wong, S.S., Shacham-Diamand, Y. Electroless Cu for VLSI 19639
Cho, J.Y.N. *see* Swartz, W.E. 39374
Cho, K. *see* Choi, W.J. 42708
Cho, K. *see* Mazzoni, D.L. 15040
Cho, K.-R., Okura, K., Asada, K. Design of a 32-bit fully asynchronous microprocessor (FAM) 18769
Cho, K.I. *see* Choi, S.W. 2072
Cho, K.I. *see* Choi, S.W. 28205
Cho, K.Y. *see* Jung, Y.G. 8450
Cho, M. *see* Namkung, W. 15292
Cho, M. *see* Namkung, W. 15293
Cho, M.-Y. *see* Chen, C.-S. 24844
Cho, M.H., Nam, S.H., Oh, J.S., Namkung, W. Design of 200 MW pulse modulator for PLS 2.0 GeV electron linac 6929
Cho, N., Tsukada, T., Takahashi, M. Measurement of surface roughness with small waviness by contact stylus instrument correcting specimen orientation 38707
Cho, N.I., Lee, S.U. On the adaptive lattice notch filter for the detection of sinusoids 13286
Cho, P.S. *see* Funk, E.E. 28640
Cho, P.S. *see* Saddow, S.E. 28599
Cho, S. *see* Choe, Y. 30996
Cho, S.M., Dietz, D., Kandis, M., Carbonara, J., Heaphy, J., Kressner, A., Carrigan, J. Heat rate improvement with condensing heat exchangers [in thermal power stations] 16636
Cho, S.M. *see* Williams, M.J. 28598
Cho, S.M. *see* Williams, M.J. 35558

Cho, W., Takeuchi, Y., Kuwano, H. Electrical properties of crystallized semi-insulating polycrystal silicon (SIPOS) films 19319
Cho, W. *see* Locascio, J.J. 26709
Cho, W. *see* Locascio, J.J. 41667
Cho, Y., Matsuno, F. Relations between the constants of electrostrictive materials and some examples of their application to piezoelectric ceramics 2713
Cho, Y., Matsuno, F. Dynamic measuring method of velocity and capacitance variation of piezoelectric ceramics with alternating electric field 6731
Cho, Y., Matsuno, F. Dynamic method for measuring the velocity variation of ultrasound in piezoelectric ceramics with stress 7650
Cho, Y., Matsuno, F. Dynamic measurement of nonlinear constants of PZT ceramics 41497
Cho, Y. *see* Ohke, S. 12690
Cho, Y. *see* Xu, G. 29616
Cho, Y.I. *see* CHoi, S.H. 292
Cho, Y.K., Son, G.H., Chae, G.S., Yun, L.H., Hong, J. Improved analysis method for broadband rectangular microstrip antenna geometry using E-plane gap coupling 12742
Cho, Y.M. *see* Gyugyi, P.J. 19485
Cho, Y.Y. *see* Rovnak, J.A. 32700
Cho Chew Weng *see* Weng Cho Chew
Cho Gyuseong *see* Gyuseong Cho
Cho Hoon Young *see* Hoon Young Cho
Cho Hyoung Rae *see* Hyoung Rae Cho
Cho Hyun Mo *see* Hyun Mo Cho
Cho Hyun-Ryong *see* Hyun-Ryong Cho
Cho Ji Ryong *see* Ji Ryong Cho
Cho Kyu-Bock *see* Kyu-Bock Cho
Cho Moon-Teak *see* Moon-Teak Cho
Cho Sang Bock *see* Sang Bock Cho
Cho Sang-Young *see* Sang-Young Cho
Cho Taeg Il *see* Taeg Il Cho
Cho Won Kyung *see* Won Kyung Cho
Cho Young-Ho *see* Young-Ho Cho
Cho Yun-Ok *see* Yun-Ok Cho
Choa, F.S., Tsang, W.T., Logan, R.A., Gnall, R.P., Koch, T.L., Burrus, C.A., Wu, M.C., Chen, Y.K., Kapre, R. InGaAs/InGaAsP integrated tunable detector grown by chemical beam epitaxy 3134
Choakjarernwanit, N. *see* Pudil, P. 5096
Chobola, Z., Vasina, P., Sikula, J. RTS noise in integrated circuits 19980
Chockalingam, M.J. *see* Jeyakumar, R. 41402
Chodora, J.A. *see* Bloom, A.R. 23760
Chodos, M. Integrated network management 30329
Choe, B. *see* Park, S. 3353
Choe, B. *see* Park, S. 20875
Choe, H. *see* Kuo, C. 18714
Choe, H.C., Kazakos, D. Distributed sensor system decision analysis using team strategies 44924
Choe, W.J. *see* Barron, R.L. 1696
Choe, Y., Euh, J., Cho, S. Adaptive quantization for DCT based HDTV system 30996
Choe Byung-Doo *see* Byung-Doo Choe
Choh, S.H. *see* Lee, Y.H. 35603
Choi, A. *see* Kat-Hung Lam 13697
Choi, B., Cho, B.H., Lee, F.C., Ridley, R.B. Three-loop control for multimodule converter systems 33877
Choi, B.S., Chee, J.K., Hwang, Y.M., Jang, H.Y., Kwon, Y.D., Lee, S.H. Performance characteristics of frequency-doubled Nd:YAG laser used in digital video disk recorder 23346
Choi, C.-H., Barnett, S.A. Morphology and crystalline perfection of InAs films on Si(100) 41374
Choi, D.-H., Matsumura, M. The annealing effects of excimer-laser-produced large-grain poly-Si thin-film transistors 28163
Choi, D.-H., Sadayuki, E., Sugiura, O., Matsumura, H. Lateral growth of poly-Si film by excimer laser and its thin film transistor application 27469
Choi, D.-S. *see* Hanitsch, R. 8282
Choi, D.-S. *see* Hanitsch, R. 40243
Choi, D.H., Sadayuki, E., Sugiura, O., Matsumura, M. Excimer-laser crystallized poly-Si TFTs with mobility of more than 600 cm^2/Vs 19872
Choi, D.I. *see* Yang, J.G. 8618
Choi, E., Ejiri, H., Ohsumi, H. Application of a Ge detector to search for fast neutrons from DD fusion in deuterized Pd 7148
Choi, H., Kohara, T., Ishiura, N., Shirakawa, I., Motohara, A. Test generation for sequential circuits based on Boolean function manipulation 1139
Choi, H., Maeda, H., Kohara, T., Ishiura, N., Shirakawa, I., Motohara, A. Test generation for sequential circuits using partitioned image computation 18618
Choi, H.-C., Guo, Y., LaFontaine, W., Lim, C.K. Solder ball connect (SBC) assemblies under thermal loading. II. Strain analysis via image processing, and reliability considerations 33392
Choi, H.K., Eglash, S.J., Connors, M.K. Single-frequency GaInAsSb/AlGaAsSb quantum-well ridge-waveguide lasers emitting at 2.1 μm 12223
Choi, H.K., Turner, G.W., Eglash, S.J. High-power GaInAsSb-AlGaAsSb multiple-quantum-well diode lasers emitting at 1.9 μm 35882
Choi, H.K., Walpole, J.N., Turner, G.W., Eglash, S.J., Missaggia, L.J., Conners, M.K. GaInAsSb-AlGaAsSb tapered lasers emitting at 2 μm 28861
Choi, H.K. *see* Eglash, S.J. 35769
Choi, H.K. *see* Le, H.Q. 20859
Choi, H.S. *see* Min, B.H. 28523
Choi, H.S. *see* Yoon, J.K. 34995
Choi, I. *see* Das, S.R. 41836
Choi, I. *see* Mayer-Kress, G. 31082
Choi, J. *see* Yoon, M. 7024
Choi, J. *see* Yoon, M. 15563
Choi, J.H. *see* Yang, J.G. 8618
Choi, J.I. *see* Park, B.W. 23710
Choi, J.R., Polla, D. Integration of microsensors in GaAs MESFET process 23561
Choi, J.S. *see* Park, D.J. 22257
Choi, J.W. *see* Yang, J.G. 8618
Choi, K. *see* Korevaar, E. 6046
Choi, K.K. Intersubband transitions and quantum well infrared photodetectors 6503
Choi, K.K., Ilyas, M. Relationship between eraser node and traffic intensity in counter rotating slotted ring 5524
Choi, K.K., Kuang-Hua Chang A study of design velocity field computation for shape optimal design 41212
Choi, K.K., Tidrow, M.Z., Taysing-Lara, M., Chang, W.H., Kuan, C.H., Farley, C.W., Chang, F. Low dark current infrared hot-electron transistor for 77 K operation 2472
Choi, K.K. *see* Kuan, C.H. 15016
Choi, K.K. *see* Kuan, C.H. 20532
Choi, K.K. *see* Kuan, C.H. 23636
Choi, K.K. *see* Tidrow, M.Z. 38504
Choi, K.T. *see* Maracas, G.N. 746
Choi, M.S., Serocki, R., Lindsey, K. Effect of signal cable on the output of current and voltage monitoring insulator 8019
Choi, N.S., Cho, G.C., Cho, G.H. Modelling and analysis of a multilevel voltage source inverter applied as a static var compensator 17008
Choi, O.S. *see* Suh, H.S. 11917
Choi, S.-P. *see* Lee, G.-S. 10861
Choi, S.H., Gouyou-Beauchamps, D. Enumeration of generalized Young tableaux with bounded height 515
Choi, S.H., Larkin, R. Steady state stability of a remote gas-turbine generating station: field tests and validation of computer simulation results 32739
CHoi, S.H., Shin, S., Cho, Y.I. The effects of the Reynolds number and width ratio on the flow distribution in manifolds of liquid cooling modules for electronic packaging 292
Choi, S.J., Kushner, M.J. Mutual shielding of closely spaced dust particles in low pressure plasmas 42608
Choi, S.O. *see* Kawahito, S. 46350
Choi, S.W., Yang, J.W., Koak, B.H., Cho, K.I., Park, H.M. Rapid thermal annealing for electrical activation in the fabrication of GaAs MESFET 2072
Choi, S.W., Yang, J.W., Koak, B.H., Cho, K.I., Park, H.M. Rapid thermal annealing for electrical activation in the fabrication of GaAs MESFET 28205
Choi, T.I. *see* Lee, K.Y. 24862
Choi, W.-S., Smits, J.G. ZnO on Si_3N_4 bimorphs with large deflections 6483
Choi, W.-s., Smits, J.G. Dynamic behavior of ZnO on Si_3N_4 biomorphs 11400
Choi, W.-S. *see* Lee, J.-U. 43175
Choi, W.-s. *see* Smits, J.G. 2719
Choi, W.J., Lee, J.I., Han, I.K., Kang, K.N., Kim, Y., Park, H.L., Cho, K. Enhanced disordering of GaAs/AlGaAs multiple quantum well by rapid thermal annealing using plasma enhanced chemical vapour deposited SiN capping layer grown at high RF power condition 42708
Choi, W.Y. *see* Ellis, W.H. 25154
Choi, Y. *see* Hanger, J.A. 31668
Choi, Y.-H., Jung, T. Configuration of boundary scan chain for optimal testing of clusters of non boundary scan devices 27363
Choi, Y.-H. *see* Lee, J.-H. 43198
Choi, Y.H., Sudharsanan, R., Besikci, C., Bigan, E., Razeghi, M. High-quality InSb growth on GaAs and Si by low-pressure metalorganic chemical vapor deposition 9584
Choi, Y.H. *see* Staveteig, P.T. 28589
Choi, Y.I. *see* Lee, S.K. 34999
Choi, Y.S., Han, D.S., Hwang, H. Joint blind equalization, carrier recovery and timing recovery for HDTV modem 38270
Choi, Y.S., Hwang, H., Song, D.I. Adaptive blind equalization coupled with carrier recovery for HDTV modem 14793
Choi, Y.W., Kim, H.M., Wie, C.R. Simulation design and device characteristics of AlAs/GaAs/AlAs resonant tunneling structures with a GaInAs emitter spacer layer 1909
Choi Bong Dae *see* Bong Dae Choi
Choi Boo Yeon *see* Boo Yeon Choi
Choi Byoung Il *see* Byoung Il Choi
Choi Byung Ho *see* Byung Ho Choi
Choi Chung-Ho *see* Chung-Ho Choi
Choi Dong-Hoon *see* Dong-Hoon Choi
Choi Gyeong Man *see* Gyeong Man Choi
Choi Hyun Chil *see* Hyun Chil Choi
Choi Jae-Ho *see* Jae-Ho Choi
Choi Jin Wook *see* Jin Wook Choi
Choi Jinho *see* Jinho Choi
Choi Jong-Soo *see* Jong-Soo Choi
Choi Joongho *see* Joongho Choi
Choi Jung-Keyng *see* Jung-Keyng Choi
Choi Kwon-Young *see* Kwon-Young Choi
Choi Kyung Cheol *see* Kyung Cheol Choi
Choi Min Sung *see* Min Sung Choi
Choi Mun Gi *see* Mun Gi Choi
Choi Sang Soo *see* Sang Soo Choi
Choi Sang-Sam *see* Sang-Sam Choi
Choi Seungwon *see* Seungwon Choi
Choi Soo-Han *see* Soo-Han Choi
Choi Sung-Eun *see* Sung-Eun Choi
Choi Tae *see* Tae Choi
Choi Wai-Shing *see* Wai-Shing Choi
Choi Won Chel *see* Won Chel Choi
Choi Woo-Young *see* Woo-Young Choi
Choi Yanghee *see* Yanghee Choi
Choi Yearn-Ik *see* Yearn-Ik Choi
Choi Young-Wan *see* Young-Wan Choi
Chojnacki, W., Brooks, M.J., Gibbins, D. Estimating sun direction from a single image 4966
Chok-Ki Chan *see* Wai-Fong Lee 45080
Cholewa, M. *see* Sexton, F.W. 35074
Chollet, G. *see* Boyanov, B. 13012
Chollet, J.-P.E. *see* Paniez, P.J. 11020
Chollet-Le Flour, F. *see* Bertsch, Y. 31760
Chollet-Leflour, F. *see* Beingessner, S.P. 31761
Cholley, P. *see* Therond, P. 39574
Chomet, P. *see* De Ridder, J.-J. 22827
Chon, J.C., Wei Feng, Mickelson, A.R. Photorefractive damage thresholds in Ti:$LiNbO_3$ channel waveguides 35442
Chon, T.-S. *see* Micheli-Tzanakou, E. 22274
Chonavel, T., Loubaton, P. On the realization of band-limited power spectra from partial covariance sequence 21473
Chonavel, T., Loubaton, P. Estimation of the autocorrelation coefficients of band limited signals. Application to the source localization problem 21881
Chong, C.C., Chan, C.Y., Foo, C.F. A quasi-resonant converter-fed DC drive system 17472
Chong, C.C., Foo, C.F., Chan, C.Y., Choo, F.H. Application of quasi-resonant converter for a DC servo motor drive 17509
Chong, C.C., Mies, C.F.F., Chan, C.Y., Cho, F.H. Application of zero-voltage quasi-resonant converter to DC servo motor drives 8800
Chong, C.K., McDermott, D.B., Stewart, T.L., Balkcum, A.J., Kinney, C.F., Lin, A.T., Luhmann, N.C., Jr., Pretterebner, J., DeHope, W.J. 95 GHz third-harmonic slotted gyro-TWT amplifier 27430
Chong, D. *see* Dunn, C. 34079
Chong, J. Telecommunication resource management for competitive advantage 30315
Chong, K. Understand noise-figure measurements 38668
Chong, K.Y. *see* Chim, W.K. 35605
Chong Chee-Yee *see* Chee-Yee Chong
Chong Hoon Kwak, Seo Yeon Park, Jong Sool Jeong, Ho Hyung Suh, El-Hang Lee An analytical solution for large modulation effects in photorefractive two-wave couplings 35973
Chong Jong Wha *see* Jong Wha Chong
Chong Kwan Un *see* Won Sik Youn 21807
Chong Liu, Zhu Li, Jiabi Chen, Xiangguang Yu A new algorithm for compensating phase shifting error 31455
Chong Liu *see* Liu Chong
Chong Ming *see* Ming Chong
Chong Sam Chung *see* Chul Woo Lee 23363
Chong Siew Tan, Shen Sheng Mei, Chak-Joo Lee, Kogure, T. An adaptive DCT/NDCT video coder 14787
Chong Yee Lee *see* Peng Seng Toh 38622
Chong Yee Lee *see* Lee Chong Yee
Chong-Ho Sun *see* Yun-Ok Cho 7961
Chong-Man Yun *see* Byeong-Hoon Lee 42920
Chong-Min Kyung *see* Han-Heung Kim 10076
Chong-Yung Chi Linear prediction, maximum flatness, maximum higher-order entropy on AR polyspectral estimation 13423
Chong-Yung Chi, Jung-Yuan Kung A new identification algorithm for allpass systems by higher-order statistics 13428
Chong-Yung Chi, Shyu-Li Chiou A new WLS Chebyshev approximation method for the design of FIR digital filters with arbitrary complex frequency response 10330
Chong-Yung Chi, Wen-Jie Chang New higher-order statistics based criteria for the design of linear prediction error filters 4709
Chong-Yung Chi *see* Wu-Ton Chen 4537
Chong-Zhi Fang *see* Zhi-Yong Zhang 6359
Chongfan He *see* He Chongfan
Chonghoon Kim, Ruo-Ding Li, Prem Kumar Deamplification response of a traveling-wave phase-sensitive optical parametric amplifier 28982
Chonglun Fan, Piron, D.L., Rojas, M. Polarization of cobalt-molybdenum and nickel-molybdenum hydrogen electrodes for alkaline fuel cells 17259
Chongruo Wu *see* Wu Chongruo

Chonko, M.A. *see* Hedge, R.I. 9787
Chonko, M.A. *see* Hegde, R.I. 41427
Choo, A. *see* Steckl, A.J. 2076
Choo, A.G., Gupta, V., Jackson, H.E., Boyd, J.T., Steckl, A.J., Chen, P., Weiss, B.L., Burnham, R.D. Raman characterization of AlGaAs superlattice channel waveguide structure formed by CIB and FIB implantation 2075
Choo, A.G. *see* Kumar, M. 10818
Choo, A.G. *see* Steckl, A.J. 10819
Choo, A.G. *see* Wu, R.L.C. 41409
Choo, C.Y., Freeman, H. An efficient technique for compressing chain-coded line drawing images 29920
Choo, F.H. *see* Chong, C.C. 17509
Choo, F.H. *see* Song, C.B. 10580
Choo, M. *see* Dai, H. 11283
Choo, V. *see* Drozd, A. 44414
Choo, W.K. *see* Kim, K.Y. 9778
Choo Fook Hoong, Siew Chee Kheong Wireless MP-CSMA/CD network for AGV control 14216
Choo Fook Hoong *see* Sasidharan, R. 17808
Choo Fook Hoong *see* Tan Boon Cheong 9238
Choochon Lee *see* Chang Woo Lee 42749
Choochon Lee *see* Hyung Joun Yoo 27853
Choochon Lee *see* Jong-Son Lyu 11192
Chooi, W.L. *see* Ngan, K.N. 29969
Choon Ho Nai *see* Ho Nai Choon
Choon Ng Kim *see* Kim Choon Ng
Choon Sae Lee, Nalbandian, V., Schwering, F. Dual-frequency microstrip antenna with inhomogeneously filled dielectric substrate 4275
Choon-Geun Park *see* Woo-Sung Han 11074
Choong, P.T. *see* Widman, F.W., Jr. 7560
Choong Chan Kai *see* Kai Choong Chan
Choong Woong Lee *see* Chulhun Seo 36335
Choong Woong Lee *see* Sang Gil Lee 36532
Choong Woong Lee *see* Sang Gil Lee 45076
Choong-Ki Kim *see* Jae-Woo Park 42985
Choong-Ki Kim *see* Seong-Kyu Hwang 34948
Choong-Ki Kim *see* Yong-Min Ha 34945
Choongun Kim, Selitser, S.I., Morris, J.W., Jr. Influence of microstructure on the resistivity of Al-Cu-Si thin-film interconnects 27794
Chopik, V.Yu. *see* Tetyorkin, V.V. 28642
Chopra, A.K. *see* Khairnar, R.S. 27424
Chopra, D.R. *see* Kumar, S. 2237
Chopra, M. *see* Siu-Wai Chan 9714
Chopra, M.A., Sechler, R.F. Comparison of MCMs for a high performance workstation 9305
Chopra, M.A. *see* Sechler, R.F. 390
Choquet, B., Guerin, C., Dumbreck, A., Scheiwiller, P.M. Development of an European stereoscopic camera for television imaging 6210
Choquet, B. *see* Kopernik, A. 30967
Choquete, K.D. *see* Chang-Hasnain, C.J. 3619
Choquette, K.D., Freund, R.S., Hong, M., Luftman, H.S., Chu, S.N.G., Mannaerts, J.P., Wetzel, R.C. Hydrogen plasma processing of GaAs and AlGaAs 27729
Choquette, K.D., Hong, M., Freund, R.S., Chu, S.N.G., Wetzel, R.C., Mannaerts, J.P., Leibenguth, R.E. Vacuum integrated fabrication of vertical-cavity surface emitting lasers 3605
Choquette, K.D., Lear, K.L., Leibenguth, R.E., Asom, M.T. Vertical-cavity laser diode polarization switching and control 28817
Choquette, K.D., Leibenguth, R.E. Control of vertical-cavity laser polarization with anisotropic transverse cavity geometries 35927
Choquette, K.D. *see* Hong, M. 42698
Choquette, K.D. *see* Lott, J.A. 3610
Choquette, K.D. *see* Wu, Y.A. 28815
Chor, B. *see* Bar-Yehuda, R. 45267
Chor, B. *see* Beimel, A. 21534
Chor, E.F., Peng, C.J. A compound emitter heterojunction bipolar transistor 19776
Chorkendorff, Ib. *see* Clausen, T. 42559
Chorkin Chan *see* Jianxiong Wu 4563
Chorkin Chan *see* Jianxiong Wu 21648
Chorkin Chan *see* Qiang Huo 4557
Chorkin Chan *see* Qiang Huo 29507
Chorley, R.J. *see* Amin, M.H.G. 7637
Chorng-Guang Chen *see* Jar-Ferr Yang 30158
Choroba, S. *see* Balewski, K. 46775
Choshi, H. *see* Sasaki, H. 16637
Choshoji, K. *see* Okuno, S. 31839
Chou, C. *see* Lam, W. 19120
Chou, C.-H. *see* Chang, F.C. 11044
Chou, C.K. *see* Chan, K.W. 7466
Chou, C.S. *see* Rosenbaum, S.E. 1635
Chou, D.P. *see* Chiu, C.H. 46927
Chou, F.S. *see* Ozekici, S. 41044
Chou, H. *see* Lin, F. 3899
Chou, H.C., Rohatgi, A. The impact of MOCVD growth ambient on carrier transport, defects, and performance of CdTe/CdS heterojunction solar cells 40471
Chou, H.P., Prock, J., Bonfert, J.P. Fault diagnosis in nuclear power plants using an artificial neural network technique 25168
Chou, J.H. *see* Miau, J.J. 6384
Chou, J.W., Chang, C.Y., Ko, J. A new surface counter doped LDD (SCD-LDD) structure for deep submicron (0.35 μm) MOSFETs 19881
Chou, K.C., Golden, S.A., Willsky, A.S. Multiresolution stochastic models, data fusion, and wavelet transforms 29591
Chou, K.C., Willsky, A.S., Benveniste, A. Multiscale recursive estimation, data fusion, and regularization 44931
Chou, K.C., Willsky, A.S., Nikoukhah, R. Multiscale systems, Kalman filters, and Riccati equations 44932
Chou, K.C., Yuan, S., Pal, U. Deposition, electrical property and direct porosity measurement of Ni-ZrO_2 cermet electrodes 17353
Chou, N.-C., Cheng, C.-K., Russell, T.C. High-performance microelectronic substrate verification using probe testers 23423
Chou, N.-C. *see* Yao, S.-Z. 27392
Chou, P.-C. *see* Yang, J.-J. 20017
Chou, P.A. *see* Andrews, B.D. 4849
Chou, P.A. *see* Effros, M. 45189
Chou, P.B., Ravishankar Rao, A., Sturzenbecker, M.C., Brecher, V.H. Automatic defect classification for integrated circuits 434
Chou, P.S.K. *see* Chen, K.H. 18792
Chou, R.M., Saluja, K.K., Agrawal, V.D. Power constraint scheduling of tests 41730
Chou, S.T., Cheng, K.Y. High quality $In_{0.52}Al_{0.48}As$ grown by modulated arsenic molecular beam epitaxy 769
Chou, S.T.-C., Tokuda, H. System support for dynamic QOS control of continuous media communication 5336
Chou, S.Y., Wang, Y. Planar double gate quantum wire transistor 2606
Chou, S.Y. *see* Fischer, P.B. 27448
Chou, S.Y. *see* Fischer, P.B. 27931
Chou, S.Y. *see* Hsiang, T.Y. 20519
Chou, S.Y. *see* Liu, M.Y. 23638
Chou, S.Y. *see* Wang, Y. 2601
Chou, S.Y. *see* Wang, Y. 19398
Chou, S.Y. *see* Wang, Y. 19916
Chou, T.C. *see* Tzer-Hsiang Huang 43624
Chou, W., Barts, T. Wakefield and impedance studies of a liner using MAFIA 46706
Chou, W. *see* Bragg, A.W. 37606
Chou, W.C., Twardowski, A., Chern-Yu, K., Chen, F.R., Hua, C.R., Jonker, B.T., Yu, W.Y., Lee, S.T., Petrou, A., Warnock, J. Optical study of strained ZnSe/GaAs and ZnMnSe/GaAs epilayers 42472
Chou Chien *see* Chien Chou
Chou Chih-Che *see* Chih-Che Chou
Chou Fei-Mei *see* Fei-Mei Chou
Chou Jenq-Shiuh *see* Jenq-Shiuh Chou
Chou Mo-Hong *see* Mo-Hong Chou
Chou Nan-Chi *see* Nan-Chi Chou
Chou Wushow *see* Wushow Chou
Chouaf, A., Loppin, G., Ignat, M., Terriez, J.M. Analysis of stresses at singular points of patterned structures 34808
Choudhary, K.A. *see* Barua, A. 18856
Choudhary, K.S. *see* Sridhar, V.R. 16505
Choudhry, M.A., Lateef, K. Effect of nonlinear load on design of dynamic compensator for reactive power modulation in AC/DC power system 47400
Choudhry, M.A. *see* Badran, S.M. 32292
Choudhry, M.A. *see* Kumbhat, M. 25503
Choudhury, A.K., Li, V.O.K. An approximate analysis of the performance of deflection routing in regular networks 22524
Choudhury, A.M. *see* Maurer, H.E. 32066
Choudhury, A.N.M.M. *see* Koteles, E.S. 2040
Choudhury, D. *see* Raisanen, A.V. 18986
Choudhury, G.L. *see* Abate, J. 5206
Choudhury, M.A. *see* Bashir Uddin, Md. 8371
Choudhury, M.A. *see* Bashir Uddin, Md. 8515
Choudhury, M.A. *see* Uddin, B. 16831
Choudhury, P.K., Khastgir, P., Ojha, S.P., Ramesh, K.S. An exact analytical treatment of parabolically deformed planar waveguides near cutoff 36324
Choudhury, P.K. *see* Ojha, S.P. 3135
Choudhury, P.Pal *see* Pal Choudhury, P.
Choudhury, R. *see* Kuo, A.T. 34801
Choudhury, R.K. *see* Biswas, D.C. 38861
Choudhury, R.K. *see* Kuo, A.T. 19657
Choudhury, R.K. *see* Samant, M.S. 7157
Choudhury, S.A. *see* Enjeti, P.N. 40319
Choudhury, T. *see* Chowdhury, S.P. 39661
Choudhury, T. *see* Chowdhury, S.P. 40087
Choudhury, T.A. *see* Basher, E. 47844
Chough, K.B., Caneau, C., Hong, W.-P., Song, J.-I. Investigation of $Al_xGa_yIn_{1-x-y}P$ as a Schottky layer of AlInAs/GaInAs high electron mobility transistors 19909
Chough, K.B., Caneau, C., Hong, W.-P., Song, J.-I. $Al_{0.25}In_{0.75}P/Al_{0.48}In_{0.52}As/Ga_{0.35}In0_{.65}As$ graded channel pseudomorphic HEMT's with high channel-breakdown voltage 43001
Chough, K.B., Hong, B.W.-P., Caneau, C., Song, J.I., Jeon, K.I., Hong, S.C., Lee, K. Graded pseudomorphic channel AlInP/AlInAs/GaInAs HEMTs with high channel breakdown voltage 42996
Chough, K.B., Hong, W.-P., Caneau, C., Song, J.-I., Hayes, J.R. OMCVD grown AlInAs/GaInAs HEMTs with AlGaInP Schottky layer 28188
Chough, K.B. *see* Jong-In Song 42898
Chough, K.B. *see* Song, J.-I. 2462
Chough, K.B. *see* Song, J.-I. 42186
Chough, K.B. *see* Song, J.I. 1556
Chough Kyung-Bae *see* Kyung-Bae Chough
Chouhan, S., Arora, C.M., Surana, S.L. A direct reconfiguration algorithm for minimising losses in radial electric distribution systems 39587
Chouikha, M.F., Edmonson, W.W. An application of stochastic automata models to the design of adaptive filters 1327
Chouinard, J.-Y. *see* Zhuang, W. 37943
Choukri, K. *see* Moulines, E. 4743
Choung, Y.H., Wong, W.C. Microwave and millimeter-wave slotline transition design 44619
Chour, M. *see* Muller, J. 38718
Chourdakis, G. *see* Milton, M.J.T. 36025
Chovanec, F. *see* Usak, P. 2922
Chovelon, J.M. *see* Rocher, V. 38740
Chovet, A. *see* Chertouk, M. 11254
Chovet, A. *see* Ionescu, A. 19803
Chovet, A. *see* Mounib, A. 19764
Chow, D.H., Schulman, J.N. Intrinsic current bistability in $InAs/Al_xGa_{1-x}Sb$ resonant tunneling devices 19923
Chow, D.H., Schulman, J.N., Ozbay, E., Bloom, D.M. High speed InAs/AlSb and $In_{0.53}Ga_{0.47}As/AlAs$ resonant tunneling diodes 11124
Chow, D.H. *see* Schulman, J.N. 42508
Chow, D.H. *see* Scott, J.S. 42854
Chow, D.H. *see* Scott, J.S. 42860
Chow, G., Xiaobo Li Towards a system for automatic facial feature detection 22047
Chow, H.-S., Moody, G.B., Mark, R.G. Detection of ventricular ectopic beats using neural networks 24310
Chow, J.-C., Zhu, Q., Fischl, R., Kam, M. Design of a decision fusion rule for power system security assessment 24691
Chow, J.-C. *see* Yan, H.H. 39453
Chow, J.C. *see* Fischl, R. 24652
Chow, J.H. *see* Cheung, K.W. 39471
Chow, K.Hung-Kei *see* Hung-Kei Chow, K.
Chow, K.W.Y. Fully specified verification simulation 34031
Chow, M., Thrower, J.P., Taylor, L.S. Neural-fuzzy hybrid system for distribution fault causes identification 16486
Chow, M.-y., Yee, S.O., Taylor, L.S. Recognizing animal-caused faults in power distribution systems using artificial neural networks 25059
Chow, P. *see* Brodsky, J. 8787
Chow, P. *see* Feygin, G. 4390
Chow, P. *see* Feygin, G. 12865
Chow, P.D. *see* Wang, H. 1580
Chow, Q. *see* Chan, D. 14321
Chow, R., Falabella, S., Loomis, G.E., Rainer, F., Stolz, C.J., Kozlowski, M.R. Reactive evaporation of low-defect density hafnia 3293
Chow, T.P., Pattanayak, D.N., Mogro-Campero, A., Baliga, B.J., Adler, M.S. Proton implantation in lateral IGBTs 11222
Chow, T.S.W., Law, L.T. Rotating machines fault identification using back-propagation artificial neural network 8280
Chow, W. *see* Boggavarapu, D. 12249
Chow, W.W., Koch, S.W. Laser instabilities and the influence of the nonlinear semiconductor gain medium 43943
Chow, W.W. *see* Kubiak, G.D. 2308
Chow, W.W. *see* Pereira, M.F., Jr. 35865
Chow, W.W. *see* Ru, P. 12245
Chow, W.W. *see* Ru, P. 43832
Chow, Y.D. *see* Wong, P.P. 9318
Chow, Y.L. *see* Faraji-Dana, R. 27132
Chow, Y.L. *see* Omar, A.A. 1437
Chow, Y.L. *see* Omar, A.A. 18962
Chow, Y.L. *see* Omar, A.A. 27150
Chow, Y.L. *see* Safavi-Naeini, S. 1379
Chow, Y.L. *see* Shubair, R.M. 36395
Chow Mo-Yuen *see* Mo-Yuen Chow
Chow-Chong, P. *see* Sudersena Rao, T. 41331
Chowanetz, M. *see* Arnold, R. 14880
Chowdhary, A., Bhatia, D. Detailed routing of multi-terminal nets in FPGAs 41830
Chowdhary, D.M. *see* Sridhar, V.R. 16505
Chowdhuri, P. Shielding of substations against direct lightning strokes by shield wires 48030
Chowdhury, B.H. On-line corrective strategies using a knowledge-based system and network sensitivities 32231
Chowdhury, B.H., Ula, S., Stokes, K. Photovoltaic-powered water pumping—design, and implementation: case studies in Wyoming 32794
Chowdhury, B.H., Wilamowski, B.M. Fast power flow with capability of corrective control using a neural network 24730
Chowdhury, D.Q., Hill, S.C., Mazumder, M.M. Quality factors and effective-average modal gain or loss in inhomogeneous spherical resonators: application to two-photon absorption 28906
Chowdhury, D.Q. *see* Khaled, E.E.M. 44294
Chowdhury, D.R., Chaudhuri, P.P. Architecture for VLSI design of CA based byte error correcting code decoders 41834
Chowdhury, D.R., Sengupta, I., Chaudhuri, P.P. A class of two-dimensional cellular automata and their applications in random pattern testing 41778
Chowdhury, G. *see* Adams, W.A. 48386

Chowdhury, M.R. A nondestructive testing method to diagnose material behavior 132
Chowdhury, N. Energy method of spinning reserve assessment in interconnected generation systems 24692
Chowdhury, N., Ahmad, S. An energy based approach for spinning reserve assessment in interconnected generation systems 32308
Chowdhury, N.A. *see* Billinton, R. 7708
Chowdhury, R., Chen, X., Narayan, J. Pulsed laser deposition of epitaxial Si/TiN/Si(100) heterostructures 33636
Chowdhury, R.F. *see* Beomsup Kim 34185
Chowdhury, S. *see* El-Zein, A. 29231
Chowdhury, S. *see* Langhorne, C. 47423
Chowdhury, S.P. Computer graphics assisted tool for developing single line diagram 39556
Chowdhury, S.P. Microcomputer based trapezoidal and triangular speed drive system 40589
Chowdhury, S.P., Choudhury, T., Banerjee, S. Software implementation of overcurrent relay characteristics for industrial power system protection 39661
Chowdhury, S.P., Choudhury, T., Banerjee, S. Microcomputer aided development of motor starting characteristics for its protection 40087
Chowdhury, S.P. *see* Mukhopadhyay, S.C. 40160
Chowdhury, V., Harper, G., Song, S.L.S., Brugge, H.B. Optimized metalization processing for improved manufacturability 2257
Chown, M. *see* Titchmarsh, J.G. 38059
Choy, C.-s., Chan, W.-k., Lam, W.-k. An image processing unit using an ICT chip set 26987
Choy, C.-s., Chim, K.-k. A hardware prototyping board for complex digital design 26816
Choy, C.-s., Co, S.-h., Cham, W.-k., Lam, W.-k. An ICT image processing semi-custom IC 18770
Choy, C.S., Fung, C.H., Chan, C.F. Selection assistant system for gate array user 19964
Choy, F.W. *see* Lee, C.K. 5025
Choy Tae-Goo *see* Tae-Goo Choy
Choyal, Y., Maheshwari, K.P. Excitation of electromagnetic waves by relativistic electron beam in a plasma filled rippled wall waveguide 34483
Choyal, Y. *see* Sawhney, R. 34480
Choyke, W.J. *see* Powell, J.A. 1869
Chramiec, J., Aubert, H., Baudrand, H. Application of bilateral slotlines to broadband microwave components 27183
Chramiec, J. *see* Soltysiak, P. 34218
Chrang Tun-Ruey *see* Tun-Ruey Chrang
Chraplyvy, A.R., Gnauck, A.H., Tkach, R.W., Derosier, R.M. 8×10 Gb/s transmission through 280 km of dispersion-managed fiber 37984
Chrenek, M. *see* Kulla, P. 38560
Chrenek, M. *see* Sevcik, P. 36944
Chrestin, A., Matsuyama, T., Merkt, U. Critical currents and supercurrent oscillations in Josephson field-effect transistors 35268
Chrien, N.L. *see* Bruegge, C.J. 24463
Chrien, T. *see* Herring, M. 23712
Chrisman, D. *see* Abbott, B. 7245
Chrisman, D. *see* Abbott, B. 31776
Chrissoulidis, D.P. *see* Kriezis, E.E. 36132
Christen, J. *see* Grundmann, M. 41302
Christen, J. *see* Su, L.C. 41291
Christensen, B., Jacobsen, G., Bodtker, E., Mark, J., Mito, I. Soliton communication on standard non dispersion-shifted fiber 30835
Christensen, B., Jacobsen, G., Bodtker, E., Mark, J., Mito, I. 4 Gb/s soliton communication on standard non dispersion-shifted fiber 38081
Christensen, D.H., Parsons, C.A., Pellegrino, J.G., Hill, J.R., Rai, R.S., Crochiere, S.M., Hickernell, R.K., Schaafsma, D.T. Vertical-cavity semiconductor lasers: structural characterization, CAD, and DFB structures 20831
Christensen, H.I. *see* Eggert, D.W. 21950
Christensen, H.I. *see* Kristensen, S. 29829
Christensen, K.N. *see* Jiang Liu 27691
Christensen, O. Frames and the projection method 33574
Christensen, O. *see* Feichtinger, H.G. 29719
Christensen, R., Blackwood, L.G. Tests for precision and accuracy of multiple measuring devices 23374
Christensen, S. *see* Chen, T.-R. 9226
Christenson, D.W. *see* Reddy, B.R.S. 15861
Christenson, J. The Dϕ calorimeter: an overview 31753
Christian, H.A., Heffler, D.E., Davis, E.E. Lancelot—an in situ piezometer for soft marine sediments 7589
Christiansen, C. *see* Morch, J. 24958
Christiansen, H.C., Olsen, O.L., Ritchie, E. Teaching electrical machines using problem oriented, project organized education at Aalborg University, Denmark 40826
Christiansen, J., Ljuslin, C. An integrated high performance FASTBUS slave interface 24096
Christiansen, J. *see* Gortler, A. 40369
Christiansen, J. *see* Kowalewicz, R. 15411
Christiansen, J. *see* Letheren, M. 46330
Christiansen, J. *see* Mehr, T. 42277
Christiansen, J. *see* Stetter, M. 15412
Christiansen, J.W. *see* Loechelt, G.H. 19515
Christiansen, N., Gordes, P., Alstrup, N.C., Mogensen, G. Synthesis and stability of cobalt-substituted lanthanum calcium chromite [solid oxide fuel cells] 17350
Christiansen, N. *see* Gordes, P. 17351
Christianson, B. *see* Low, M.R. 29436
Christianson, K.A. *see* Anderson, W.T. 2570
Christie, B. *see* Zhou, L. 6782
Christie, G.M., Middleton, P.H., Steele, B.C.H. Electrical conductivity, sinterability and microstructural studies on calcium and nickel doped lanthanum chromite [solid oxide fuel cell applications] 17341
Christie, G.M. *see* Middleton, P.H. 17365
Christie, R. *see* Vadari, S. 32270
Christie, R.D., Liu, C.-C., Huang, S., Miao, H., Hofmann, M., Carr, K.R., Stemler, G., Thurein, I. Adding functionality to RETEX, the relay testing expert system 32489
Christie, R.D., Zadehgol, H., Habib, M.M. High impedance fault detection in low voltage networks 32401
Christie, R.D. *see* Mahadev, P.M. 24708
Christin, A. *see* Townsend, D.W. 15764
Christley, D. GPS on board light aircraft: problems of an unapproved system 39257
Christman, S.B. *see* Jakob, P. 27682
Christodoulides, D.N., Carvalho, M.I. Optical shock waves in nonlinear dispersive amplifying media 36021
Christodoulides, D.N. *see* Catchmark, J.M. 12218
Christodoulides, L.M., Braithwaite, S.J., Chandler, S.A.G. Frame synchronisation using two frame alignment words 30192
Christodoulou, C. *see* Ho, C.S. 27111
Christodoulou, C. *see* Ho, C.S. 34200
Christodoulou, C.G. Electromagnetic scattering from skew-symmetric metallic grids 4031
Christodoulou, C.G., Grey, F.N. Scattering from metallic grating made of various strip conductivity profiles 29164
Christodoulou, C.G. *see* Durham, T.E. 44602
Christodoulou, J. *see* Bridger, K. 17416
Christofersen, J. *see* Elahi, H. 47483
Christoffel, D.W. *see* Camps, O.I. 45173
Christofides, C., Mandelis, A., Rawski, J., Rehm, S. Photopyroelectric detection of hydrogen/oxygen mixtures 31329
Christoph, R. *see* Binggeli, M. 6537
Christoph, W. *see* Seibel, G. 32664
Christophe, F. *see* Wallez, C. 47289
Christophe, P. *see* Koch, B. 16333
Christophel, E. *see* Adam, W. 46929
Christopher, S., Kaul, A., Rao, S.S., Limaye, K.U. Indoor evaluation of large phased arrays 29384
Christopher, T. Aiming for the 50 day/$20m outage [nuclear power plants] 8071
Christopoulos, C. General principles of EMC characterisation and interference suppression 36276
Christopoulos, C. *see* Al-Asadi, M. 33854
Christopoulos, C. *see* Benson, T.M. 44401
Christopoulos, C. *see* Duffy, A.P. 44405
Christopoulos, C. *see* Fung, K.K. 1027
Christopoulos, C. *see* Herring, J.L. 44460
Christopoulos, C. *see* Trenkic, V. 36291
Christou, A. *see* Georgakilas, A. 740
Christou, A. *see* Georgakilas, A. 33625
Christou, A. *see* Guan, L. 17846
Christou, A. *see* Guan, L. 17866
Christou, A. *see* Halkias, G. 42225
Christou, A. *see* Paloura, E.C. 9580
Christou, A. *see* Tang, P.F. 2259
Christov, G. *see* Buchvarov, I. 44132
Christov, I.P. Intracavity shaping of mode-locked laser pulses 35954
Christy, J.R.E. *see* Hind, A.K. 7475
Christy, T. *see* Spooner, H. 8147
Chroder, J. *see* Dewald, N. 16197
Chroneos, R.J., Mallik, D., Prough, S.D. Packaging alternatives for high lead count, fine pitch, surface mount technology 1702
Chronopoulos, A. *see* Haozhe Dong 44510
Chronopoulos, C.P. *see* Capsalis, C.N. 1750
Chrostowski, J. *see* Huang, W.P. 21310
Chrostowski, J. *see* Macdonald, R.P. 20958
Chrostowski, J. *see* Myslinski, P. 3571
Chrudimsky, D. *see* Kuo, C. 18714
Chrusciel, R.W. Radiation and life test procedures for military and aerospace memory components 10181
Chrystall, K. *see* Feighan, P. 47158
Chrzanowska-Jeske, M., Her, S.-K. Improved I/O pad assignment for sea-of-gates placement algorithm 18548
Chu, A., Cronson, H.M., Devine, J.F., Soares, S., Soloman, M.N., Lezec, H.J., Musil, C.R. RE built-in test and enabling technologies for integrated diagnostics 23441
Chu, A.-S., Zaidi, S.H., Brueck, S.R.J. Fabrication and Raman scattering studies of one-dimensional nanometer structures in (110) silicon 2183
Chu, B., Harney, P.J., Yingjie Li, Kung Linliu, Fengji Yeh, Hsiao, B.S. A laser-aided prealigned pinhole collimator for synchrotron X-rays 47023
Chu, B.C.B., Ning, Y.N., Jackson, D.A. An optical current comparator for absolute current measurement 14935
Chu, B.C.B., Ning, Y.N., Jackson, D.A. An optical current comparator 23550
Chu, C., Takaya, K. 3-dimensional rendering of MR (magnetic resonance) images 31826
Chu, C.-C. *see* Chiang, H.-D. 9439
Chu, C.H. *see* Lee, M.K. 38487
Chu, C.H. *see* Wang, Y.H. 28193
Chu, C.L. *see* Chen, J.F. 8549
Chu, C.M. *see* Phelps, R.A. 38798
Chu, C.Y.J., Ghafouri-Shiraz, H. A simple method to determine carrier recombinations in a semiconductor laser optical amplifier 35787
Chu, C.Y.J. *see* Ghafouri-Shiraz, H. 20774
Chu, D. Market overview: IC design considerations for portable computers 26762
Chu, D., Reber, C.A., Palmer, D.W. Screening ICs on the bare chip level: temporary packaging 298
Chu, D.K.T., Bierlein, J.D., Hunsperger, R.G. Piezoelectric, elastic, and ferroelectric properties of $KTiOPO_4$ and its isomorphs 20049
Chu, D.K.T., Hsiung, H., Cheng, L.K., Bierlein, J.D. Curie temperatures and dielectric properties of doped and undoped $KTiOPO_4$ and isomorphs 20052
Chu, D.Y., Chin, M.K., Sauer, N.J., Xu, Z., Chang, T.Y., Ho, S.T. 1.5-μm InGaAs/InAlGaAs quantum-well microdisk lasers 43913
Chu, D.Y. *see* Mee Koy Chin 43775
Chu, F.-S. *see* Pai, M.-L. 22675
Chu, F.L. Techniques to characterize the corrosivity of cable fire-products 250
Chu, J. *see* Crabbe, E. 19072
Chu, J. *see* Moinpour, M. 34758
Chu, J. *see* Wang, Y.H. 38485
Chu, J.O. *see* Beach, D.B. 41489
Chu, J.O. *see* Jackson, T.N. 19868
Chu, K.C. *see* Chan, C.C. 48203
Chu, M.T., Watterson, J.L. On a multivariate eigenvalue problem. I. Algebraic theory and a power method 592
Chu, N.-A., Dardy, H. A survey of high density packaging for high performance computing systems 17841
Chu, N.G. *see* Ren, F. 27635
Chu, P. *see* Arkwright, J. 35965
Chu, P.L., Peng, G.D. Propagation of dark soliton in optical fibre with saturable nonlinearity 36001
Chu, P.L., Xue, Y.L. Nonlinear effects in erbium-doped fibres 12396
Chu, P.L. *see* Ankiewicz, A. 3876
Chu, P.L. *see* Arkwright, J. 35400
Chu, P.L. *see* Arkwright, J. 37654
Chu, P.L. *see* Bazylenko, M.V. 35461
Chu, P.L. *see* Granpayeh, N. 35396
Chu, P.L. *see* Hatami-Hanza, H. 35356
Chu, P.L. *see* Hewa-Gamage, G. 35549
Chu, P.L. *see* Hossain, M. 35516
Chu, P.L. *see* Lederer, M.J. 35395
Chu, P.L. *see* Peng, G.D. 35302
Chu, P.L. *see* Peng, G.D. 43427
Chu, P.L. *see* Wu, B. 20504
Chu, P.L. *see* Wu, B. 35733
Chu, P.L. *see* Xue, Y.L. 2951
Chu, P.P. Using CAD tool in an introductory level digital systems course 41574
Chu, R., Kanefsky, M., Falk, J. Transient phase conjugation by stimulated Brillouin scattering: numerical analysis of zero-order solutions 44049
Chu, R. *see* Hubele, N.F. 26211
Chu, R. *see* Katz, B.A. 2331
Chu, S.F. *see* Pelella, M.M. 11171
Chu, S.F. *see* Wagner, L.F. 11176
Chu, S.G. *see* Eckhardt, J.P. 10172
Chu, S.N.G., Logan, R.A., Ha, N.T., Nakahara, S., Karlicek, R.F., Jr., Grenko, J.A. Fe incorporation and precipitation in semi-insulating Fe-doped InP grown by metalorganic chemical vapor deposition 18288
Chu, S.N.G. *see* Bernussi, A.A. 42501
Chu, S.N.G. *see* Chand, N. 43820
Chu, S.N.G. *see* Choquette, K.D. 3605
Chu, S.N.G. *see* Choquette, K.D. 27729
Chu, S.N.G. *see* Cotta, M.A. 9595
Chu, S.N.G. *see* Cotta, M.A. 18224
Chu, S.N.G. *see* Faist, J. 20554
Chu, S.N.G. *see* Hobson, W.S. 20915
Chu, S.N.G. *see* Hong, M. 28838
Chu, S.N.G. *see* Hong, M. 42698
Chu, S.N.G. *see* Logan, R.A. 35810
Chu, S.N.G. *see* Pearton, S.J. 19520
Chu, S.N.G. *see* Ren, F. 1932
Chu, S.N.G. *see* Twu, Y. 3596
Chu, T. *see* Saniie, J. 9820
Chu, T.-A. CLASS: a CAD system for automatic synthesis and verification of asynchronous finite state machines 10044
Chu, T.-A., Cao, H.T., Leung, C.K.C. ESP: an executable specification language for mixed timing control circuits 954
Chu, T.H. *see* Chang, J.F. 37917
Chu, T.H. *see* Lin, D.B. 7649
Chu, T.S., Hartemann, F.V., Danly, B.G., Temkin, R.J. Single-mode operation of a Bragg free-electron maser oscillator 43704
Chu, V. *see* Brogueira, P. 26486
Chu, V. *see* Schwarz, R. 34500
Chu, W.K. *see* Frey, E.C. 2102
Chu, W.T. An apparatus for measuring the dynamic stiffness of acoustical materials 15254

Chu Chen-Chau *see* Chen-Chau Chu
Chu Chunlin *see* Qiu Zhi 12042
Chu Fu-Sheng *see* Fu-Sheng Chu
Chu Hsin-Sen *see* Hsin-Sen Chu
Chu Hui-Yung *see* Hui-Yung Chu
Chu Jian *see* Jian Chu
Chu Ruey-Shi *see* Ruey-Shi Chu
Chu Shik Jhon *see* Jae Hwang Lee 41570
Chu Shik Jhon *see* Sung Tae Jung 26775
Chu Tam-Anh *see* Tam-Anh Chu
Chu Wen-Chen *see* Wen-Chen Chu
Chu Yiming *see* He Yuliang 10654
Chu Youling, Wang Zongxin, Wu Tianfu Measuring p-n junction minority carrier diffusion length by microwave photoconductivity spectrum instrument 42456
Chu Yuan-Hua *see* Yuan-Hua Chu
Chu-Fang Wang, Jeng-Horng Lee, Horng-Jye Chiou Rapid determination of Sr-89/Sr-90 in radwaste by low-level background beta counting system 38846
Chu-Fang Xie *see* Xie Chu-Fang
Chu-Hua Kuei, Madu, C.N. Polynomial metamodelling and Taguchi designs in simulation with application to the maintenance float system 17786
Chua, A. *see* Ong, J.T. 21257
Chua, C.K. *see* Ngoi, B.K.A. 2285
Chua, D.L. *see* Murphy, T.C. 17249
Chua, H.C. Design automation package for a 2μm CMOS gate array 1170
Chua, K.C. Minislotted packet reservation multiple access 14471
Chua, K.C., Guo, S. Simulation of a TDM-like protocol for gbit/s MANs 30209
Chua, K.C. *see* Lye, K.M. 45604
Chua, L.H. *see* Jackman, R.B. 41447
Chua, L.M., Liu, P.C. Efficient semi-empirical I-V model for submicron LDD MOS transistors 28133
Chua, L.O. CNN. I. A generic class of locally-connected, smart, analog, and parallel computation circuits 10381
Chua, L.O. CNN. II. Applications and VLSI circuit realizations 10382
Chua, L.O. A zoo of strange attractors from the canonical Chua's circuits 18449
Chua, L.O., Brown, R., Hamilton, N. Fractals in the twist-and-flip circuit 18448
Chua, L.O., Huynh, L.T. Bifurcation analysis of Chua's circuit 9931
Chua, L.O., Roska, T. The CNN universal machine. I. The architecture 1376
Chua, L.O., Wu, C.W., Huang, A., Guo-Qun Zhong A universal circuit for studying and generating chaos. I. Routes to chaos 26643
Chua, L.O., Wu, C.W., Huang, A., Zhong, G.-Q. A universal circuit for studying and generating chaos. II. Strange attractors 26644
Chua, L.O. *see* Anishchenko, V.S. 1002
Chua, L.O. *see* Anishchenko, V.S. 26652
Chua, L.O. *see* Belykh, V.N. 992
Chua, L.O. *see* Belykh, V.N. 1003
Chua, L.O. *see* Chai Wah Wu 45405
Chua, L.O. *see* Cruz, J.M. 28265
Chua, L.O. *see* Endo, T. 26750
Chua, L.O. *see* Kocarev, L. 10302
Chua, L.O. *see* Kocarev, L. 27108
Chua, L.O. *see* Kuznetsov, A.P. 994
Chua, L.O. *see* Kuznetsov, A.P. 26667
Chua, L.O. *see* Lin, T. 1336
Chua, L.O. *see* Lozi, R. 37052
Chua, L.O. *see* Perez-Munuzuri, A. 26660
Chua, L.O. *see* Perez-Villar, V. 26670
Chua, L.O. *see* Roska, T. 1363
Chua, L.O. *see* Sharkovsky, A.N. 1006
Chua, L.O. *see* Sharkovsky, A.N. 26642
Chua, S.-J. *see* Sheng, H. 2395
Chua, S.-J. *see* Sheng, H.Y. 19756
Chua, S.J., Lim, N., Goo, L.K. Design and fabrication of semiconductor light emitting devices at 1.06 μm 20878
Chua, S.J. *see* Ramam, A. 34866
Chua, T. *see* Germano, G. 15763
Chua, T.S. *see* Lu, G.J. 45414
Chua Kee Chaing *see* Kee Chaing Chua
Chua Soo-Jin *see* Soo-Jin Chua
Chuah, G.K. *see* Lee, J.Y. 8738
Chuah, M.C., Nanda, S., Wong, W.S. Squeezing out capacity with joint power-control and channel assignment 45809
Chuan Hao *see* Hao Chuan
Chuan He, Killinger, D.K. Dual-polarization modes and self-heterodyne noise in a single-frequency 2.1-μm microchip Ho,Tm:YAG laser 43782
Chuan Ho Fang *see* Fang Chuan Ho
Chuan Lin *see* Chen, R.T. 43778
Chuan-Bao Cao *see* Ji-Tao Wang 18289
Chuan-Heng Ang, Samet, H. A fast quadtree normalization algorithm 22256
Chuan-hou Yang *see* Yang Chuan-hou
Chuan-Jin Shi, Brzozswski, J.A. An efficient algorithm for constrained encoding and its applications 26799
Chuan-Ming Chang *see* Jyh-Feng Lin 3358
Chuan-Ming Chang *see* Jyh-Feng Lin 43663
Chuan-Ming Chang *see* Ming-Jiunn Jou 9516
Chuan-Shen Liu, Yuan-Yih Hsu, Lin-Her Jeng, Chia-Jen Lin, Chiang-Tsung Huang, Liu, A.H., Tai-Hsiung Li Identification of exciter constants using a coherence function based weighted least squares approach 25265
Chuanbing Cai *see* Jingwu Qiu 38477
Chuanbo Liu *see* Liu Chuanbo
Chuanching Ho, Case, K.E. Economic design of control charts: a literature review for 1981-1991 26219
Chuang, C.-T. *see* Cressler, J.D. 19982
Chuang, C.-T. *see* Shin, H.J. 34045
Chuang, C.T., Chin, K., Lu, P.F., Shin, H.J. High-speed low-power Darlington ECL circuit 41798
Chuang, C.T., Cressler, J.D., Warnock, J.D. AC-coupled complementary push-pull ECL circuit with 34 fJ power-delay product 10061
Chuang, C.T. *see* Hsieh, H.Y. 10139
Chuang, C.T. *see* Wu, B.S. 19983
Chuang, H. *see* Kuo, S.M. 5806
Chuang, H.-R. 800 MHz-1.6 GHz EM coupling computation of portable communication dipole-antennas with a head model 12756
Chuang, H.L. *see* Lim, P.J.-W. 30832
Chuang, H.R. *see* Yuan-Boon Chen 30149
Chuang, H.Y.H., Ling Chen, Ching-Chung Li A scalable VLSI parallel pipelined architecture for discrete wavelet transform 46340
Chuang, H.Y.H. *see* Ling Chen 45233
Chuang, K.C.T. *see* Toh, K.Y. 10138
Chuang, P. *see* Seno, K. 34047
Chuang, P.T. *see* Seno, K. 26923
Chuang, S.L., O'Gorman, J., Levi, A.F.J. Amplified spontaneous emission and carrier pinning in laser diodes 12118
Chuang, T.S. *see* Lin, S.H. 42308
Chuang, Y.C. *see* Liu Wei 43260
Chuang, Z.-M., Mondry, M.J., Young, D.B., Cohen, D.A., Coldren, L.A. A photonic integrated tunable receiver/optical preamplifier in a vertical coupler filter structure 20579
Chuang, Z.-M. *see* Jayaraman, V. 12170
Chuang, Z.M., Coldren, L.A. Enhanced wavelength tuning in grating-assisted codirectional coupler filter 37983
Chuang Ching-Te *see* Ching-Te Chuang
Chuang Chun-Hsiung *see* Chun-Hsiung Chuang
Chuang E-Ren *see* E-Ren Chuang
Chuang Kuo-Chiang *see* Kuo-Chiang Chuang
Chuang Ming-Chuen *see* Ming-Chuen Chuang
Chuang Shun Lien *see* Shun Lien Chuang
Chuang Wei-Ching *see* Wei-Ching Chuang
Chuang Ying-Chun *see* Ying-Chun Chuang
Chuang Yung-Ho *see* Yung-Ho Chuang
Chuangui Zhou *see* Zhou Chuangui
Chuanhua Wang *see* Wang Chuanhua
Chuankun Wu *see* Wu Chuankun
Chuanlu Li *see* Li Chuanlu
Chuanmin Wang *see* Wang Chuanmin
Chuanming Zhou *see* Zhou Chuanming
Chuansin Cha *see* Fang Qian 14971
Chuaqui, H., Soto, L., Moreno, M., Favre, M., Wyndham, E. Optical design of a fast multiframe holographic interferometry system for transient plasma diagnostics 12449
Chubachi, N. *see* Imai, M. 6863
Chubachi, N. *see* Imano, K. 15262
Chubachi, N. *see* Imano, K. 23890
Chubachi, N. *see* Kadota, M. 2750
Chubachi, N. *see* Kadota, M. 28344
Chubachi, N. *see* Kanai, H. 31890
Chubachi, N. *see* Kobayashi, T. 16032
Chubachi, N. *see* Kushibiki, J. 16028
Chubachi, N. *see* Sannomiya, T. 16030
Chubarov, Y.I. *see* Akopov, F.A. 25797
Chubb, D.L., Lowe, R.A. Thin-film selective emitter 17403
Chubb, D.W.J. Inter-Actor conflict mediation within a multisensor tactical threat assessment system 7690
Chubb, J.N., Embury, J., Bourne, D., Southall, S. Measurements for the assessment of ignition risks from static electricity 36110
Chubb, J.N., Hancox, C., Harbour, J. Measuring the shielding performance of materials and assemblies 4160
Chubinskii, N.P. *see* Onishchenko, L.A. 21397
Chuchem, D., Amit, M. Efficiency of pulsed-discharge-initiated HF chemical lasers 11994
Chudgar, M.H. *see* Yan Wang 3147
Chudi, P., Malmquist, A. A hybrid drive for the car of the future 8935
Chudinov, A.N. *see* Zel'dovich, B.Ya. 12495
Chudinov, N. *see* Strigin, M.B. 36093
Chuen-Cherng Chen *see* Liang-Wei Lee 29798
Chuen-Huei Yang, Itoh, K., Araki, T., Kannari, F., Obara, M. Output characteristics of high-pressure 585.3 nm atomic neon laser pumped by transverse discharge 28698
Chufo, R.L., Johnson, W.J. A radar coal thickness sensor 31428
Chugg, B., Irwin, K.D., Cabrera, B. Design of kilogram mass scale TES for the cryogenic dark matter search 24038
Chugo, A. *see* Iida, I. 22656
Chugreev, V.A., Efremov, A.A., Kutner, V.B., Lebedev, A.N., Pivarc, J. First operation of the ECR ion source DECRIS 31612
Chuguevets, T.P. *see* Bairamov, R.B. 25105
Chugui, Yu.V. *see* Sokolov, V.A. 13577
Chugui, Yu.V. *see* Sokolov, V.A. 30125
Chugunov, A.V. *see* Bazhanov, Yu.V. 15070
Chugunov, A.Yu. *see* Dudin, A.Yu. 3431
Chugunov, A.Yu. *see* Zayarnyi, D.A. 3724
Chugunov, Yu.P. *see* Voskovtsova, L.M. 12452
Chui, C.K., Xianliang Shi Bessel sequences and affine frames 36926
Chui, C.K. *see* Liu, Q. 22112
Chui, S.P. *see* Chan, C.F. 4572
Chui Kwong *see* Kwong Chui
Chuiko, B.V. *see* Buzulutskov, A.F. 31710
Chuiko, B.V. *see* Kryshkin, V.I. 7194
Chuikov, V.D. *see* Konyashenko, E.A. 12737
Chujo, W. *see* Fujise, M. 37741
Chujo, W. *see* Murakami, Y. 12743
Chujo, W. *see* Takeuchi, K. 29381
Chukanov, A.D. *see* Akimov, N.K. 16689
Chukkapalli, G. *see* Turan, O.F. 23936
Chuklyaev, S.V. Boron-coated gas-filled ionization chambers for measuring the neutron flux density in a reactor 31741
Chuko Chieh Chen *see* Chieh Chen Chuko
Chuku, A.U. *see* Momoh, J.A. 24930
Chul Ahn Byung *see* Byung Chul Ahn
Chul Gi Ko *see* Hyoung Chan Ha 2516
Chul Hee Lee *see* Gi O Jeong 31831
Chul Kim Byung *see* Byung Chul Kim
Chul Kim Sung *see* Sung Chul Kim
Chul Park Young *see* Young Chul Park
Chul Shin Hyun *see* Hyun Chul Shin
Chul Woo Lee, Chong Sam Chung Optical pickup for compact disc player using computer-generated hologram and reflection-type grating 23363
Chul Woo Lee, Kyung-Hwa Rim, Young Woong Kim Analysis on read-out signal in magnetooptical disc drive system 20433
Chul Yoon Young *see* Young Chul Yoon
Chul-Hi Han *see* Jae-Woo Park 42985
Chul-Hi Han *see* Yong-Min Ha 34945
Chul-Kyu Bok *see* Yeo-Song Seol 10889
Chulhun Seo, Choong Woong Lee Analysis of two-layer three-coupled microstrip lines on anisotropic substrates 36335
Chulkov, L.V. *see* Avdeev, S.P. 7198
Chulkov, L.V. *see* Avdeyev, S.P. 7149
Chulkova, A.A., Zakharov, V.A., Ul'yanov, A.I., Petrov, R.P., Gorkunov, E.S., Antonov, A.V. Influence of the demagnetization factors in nondestructive quality control of the heat treatment of products made of medium carbon steel. II 41528
Chum, K. *see* Greason, W.D. 28168
Chumachenko, S.G. *see* Vertiy, A.A. 21036
Chumak, V.V. *see* Bratash, V.A. 40686
Chumak, V.V. *see* Varchenko, V.K. 40615
Chumak, V.V. *see* Zhaboev, M.N. 40689
Chumakov, A.A. *see* Antipov, A.V. 7196
Chumakov, A.A. *see* Popov, O.A. 41451
Chumakov, A.I. *see* Astvatsatur'yan, E.R. 2619
Chumakov, E.N. *see* Aristarkhova, A.A. 9212
Chuman, Y. *see* Terada, Y. 23278
Chumash, V. *see* Andriesh, A. 3796
Chumin, V.G. *see* Abdurazakov, A.A. 38933
Chun, H.W. *see* Lee, L. 30290
Chun, J. *see* Kim, K. 14780
Chun, J.K.M. *see* Kelly, M.T. 42705
Chun, K.W., Lim, K.W., Cho, H.D., Ra, J.B. An adaptive perceptual quantization algorithm for video coding 4942
Chun, S.K. *see* Lee, C. 23634
Chun, Y.J., Okada, Y., Kawabe, M. Enhanced two-dimensional growth of GaAs on InP by molecular beam epitaxy with atomic hydrogen irradiation 660
Chun Chen *see* Chen Chun
Chun Fai Chan, Ka-Ngo Leung Low-energy H^- injector design for SSC RFQ* 46700
Chun Hon Wai *see* Hon Wai Chun
Chun Hsiung Chen *see* Ming-Shing Lin 29228
Chun Hsiung Chen *see* Shih-Tsung Yang 12701
Chun In Gook *see* In Gook Chun
Chun Jongtae *see* Jongtae Chun
Chun Kim Kyung *see* Kyung Chun Kim
Chun Kim Sung *see* Sung Chun Kim
Chun Kuk Jin *see* Kuk Jin Chun
Chun Kukjin *see* Kukjin Chun
Chun Loo, Shaw, M.D. Performance analysis and measurement of a SAW-based group demodulator for on-board processing in communication satellites 5844
Chun Nie Tun *see* Tun Chun Nie
Chun Oh-Gone *see* Oh-Gone Chun
Chun Wang *see* Wang Chun
Chun Yen Chang *see* Shou Wei Hsieh 2511
Chun Zhen *see* Zhen Chun
Chun-Chang Liu *see* Shun-Yuan Wang 16820
Chun-Ching Shih Analysis of stable-unstable free electron laser resonators 28919
Chun-Feng Lu *see* Chi-Jui Wu 32215
Chun-Hai Wang *see* Wang Chun-Hai
Chun-Hsien Chen *see* Ching-Chir Shyur 45972
Chun-Hsiung Chuang, Jay Kuo, C.-C. A wavelet deformable model for shape description and multiscale elastic matching 30080
Chun-Hung Lin *see* Ming-Jiunn Jou 9516
Chun-Jen Tsai *see* Jih-Jian Leu 13700
Chun-Kuei Fu *see* Wen-Chen Chu 32294
Chun-Lin Chen *see* Ching-Fa Yeh 11193
Chun-Lin Chen *see* Ching-Fa Yeh 42934
Chun-Lin Lu *see* Lu Chun-Lin

Chun-Ming Chang, Chih-Chan Chien, Hung-Yu Wang Universal active current filter with three inputs using current conveyors. 2 27047
Chun-Ming Chang, Hung-Yu Wang, Chih-Chan Chien Realization of series impedance functions using one CCII+ 27046
Chun-Ming Chen *see* Chen Chun-Ming
Chun-Qi Lei *see* Lei Chun-Qi
Chun-Sheng Chien *see* Shih-Jen Wang 39783
Chun-Sheng Chien *see* Shih-Jen Wang 47673
Chun-Wei Lin, Kutsuwada, N., Nakamura, Y., Nozaki, T. Detection of defects in photoconductor drum with newly developed transparent electrode 14878
Chun-Yan Li *see* Li Chun-Yan
Chun-Yeh Liu, Saluja, K.K. An efficient algorithm for bipartite PLA folding 26801
Chun-Yen Chang *see* Chang, E.Y. 19420
Chun-yen Chang *see* Chang, E.Y. 27572
Chun-Yen Chang *see* Heng-Sheng Huang 11319
Chun-Yen Chang *see* Heng-Sheng Huang 28273
Chun-Yen Chang *see* Horng-Chih Lin 837
Chun-Yen Chang *see* Horng-Chih Lin 9755
Chun-Yen Chang *see* Horng-Chih Lin 33688
Chun-Yen Chang *see* Jyh-Kuang Lin 1216
Chun-Yen Chang *see* Kao-Feng Yarn 34941
Chun-Yen Chang *see* Tean-Sen Jen 43661
Chun-Yen Chang *see* Tz-Guei Jung 26448
Chunbao, F. *see* Xiaowei, W. 11924
Chunbao Fu *see* Fu Chunbao
Chunchi Ma *see* Woei-Yun Ho 43643
Chunder, T. Temperature rise measurement in armature of a DC motor, under running conditions, by telemetry 8443
Chunder, T. Inverter-fed induction motor drives for traction 9071
Chunfei Li *see* Li Chunfei
Chung, A. Experience of computerization for distribution planning 7891
Chung, A. *see* Motteler, H. 30226
Chung, A. *see* Sidhu, D. 22350
Chung, B. *see* Olness, G. 34864
Chung, B.-Y., Chien, C., Samueli, H., Jain, R. Performance analysis of an all-digital BPSK direct-sequence spread-spectrum IF receiver architecture 5715
Chung, B.C. *see* Tsai, W. 2151
Chung, C.D. *see* Chang, J.F. 37917
Chung, C.K., Hwang, J. High-temperature stability of heteroepitaxial Ir-silicide/SiGe layers codeposited on Si(100) under ultra-high vacuum 33617
Chung, C.W., Brock, J.R., Trachtenberg, I. Reactive cluster beam etching of fine patterns 10935
Chung, C.Y. *see* Leung, S.H. 14494
Chung, D.D.L. Intercalated graphite as a smart material for high-stress high-strain low-electric-field electromechanical switching 18114
Chung, D.D.L. *see* Li, L. 26525
Chung, D.D.L. *see* Lin Li 33759
Chung, D.D.L. *see* Pu-Woei Chen 18359
Chung, D.D.L. *see* Shui, X. 32986
Chung, E. *see* Sjogren, L.B. 34280
Chung, E.C.Y., Kleeman, L. An optimal approach to implementing self-timed logic circuits from signal transition graphs 18627
Chung, F.-L., Lee, T., Chan, W. Path-following approach to globally optimal vector quantiser design 4431
Chung, F.C. *see* Yan, Y.H. 32260
Chung, F.R.K. Reliable software and communication. I. An overview 37142
Chung, G., Jeffay, K., Abdel-Wahab, H. Dynamic participation in a computer-based conferencing system 22486
Chung, H., Chang, W.S.C., Betts, G.E. Microwave properties of traveling-wave electrodes in $LiNbO_3$ electrooptic modulators 20387
Chung, H.F. *see* Beernink, K.J. 35859
Chung, H.Y. *see* Henkel, W. 44732
Chung, I.J., Oh, C.H., Kim, W.Y., Hwang, J.R., Kim, Y.S., Park, J.S., Lee, S.K., Han, M.K. Accelerated degradation mechanisms in amorphous silicon thin film transistors 11226
Chung, I.J. *see* Oh, C.H. 11228
Chung, J., Metzner, J.J. Packet synchronization and identification for incremental redundancy transmission in FH-CDMA systems 37088
Chung, J., Siegman, A.E. Singly resonant continuous-wave mode-locked $KTiOPO_4$ optical parametric oscillator pumped by a Nd:YAG laser 20982
Chung, J.E. *see* Chan, V.-H. 35012
Chung, J.E. *see* Sherony, M.J. 42939
Chung, J.E. *see* Su, L.T. 35005
Chung, J.W. *see* Baek, D.H. 34779
Chung, J.W. *see* Kim, B.C. 27680
Chung, K., Devereaux, T., Monti, C., Yan, M., Mescia, N. Z-axis conductive adhesives as solder replacement 34421
Chung, K., Sang, J., Rego, V. A performance comparison of event calendar algorithms: an empirical approach 5234
Chung, K.-L. *see* Yan, W.-M. 41153
Chung, M., Margulies, S. Effects of light on scintillating fibers 24071
Chung, M. *see* Abbott, B. 7245
Chung, M. *see* Abbott, B. 31776
Chung, M. *see* Margulies, S. 24070
Chung, M.S. *see* Suh, H.S. 11917
Chung, P.-Y., Hajj, I.N. ACCORD: automatic catching and correction of logic design errors in combinational circuits 1194
Chung, S. *see* Algazi, V.R. 4476
Chung, S. *see* Kim, K. 14780
Chung, S.-P., Ross, K.W. Reduced load approximations for multirate loss networks 5260
Chung, S.K. *see* Ko, J.S. 16883
Chung, S.K. *see* Won-Kyu Rhim 4011
Chung, S.S., Chang, T.-S. An efficient MOS VLSI timing simulator on parallel computers 20020
Chung, S.S., Huang, G.-D. 3-D interconnect capacitance calculation for multi-conductor and its application to a ROM circuit design 18434
Chung, S.S. *see* Jyh-Chyurn Guo 19837
Chung, S.S. *see* Yang, J.-J. 20017
Chung, S.Shao-Shiun *see* Shao-Shiun Chung, S.
Chung, S.U. *see* Bar-Yam, Z. 46864
Chung, T., Carter, C.R., Masliwec, T., Manning, D.G. Impulse radar evaluation of concrete, asphalt and waterproofing membrane 41519
Chung, T., Ghahghahi, F., Chang, J., Kwan, K., Pan, T. High performance single chip packaging 394
Chung, T.H. *see* Hahn, S.J. 43989
Chung, T.H. *see* Handel, P.H. 10653
Chung, T.K.P., Gallois, A.P. Fade Countermeasure Intelligent System (FCMIS) 22925
Chung, T.S., Foley, P., Kafchinski, E.R. Development of polyethylene tetrafluoroethylene microporous film for advanced batteries 17181
Chung, V.W.W. *see* Liu, P.C.K. 9907
Chung, W. *see* Davids, C.N. 24115
Chung, W.C. *see* Kossentini, F. 7580
Chung, W.C. *see* Smith, M.J.T. 29813
Chung, W.K. Reliability and availability analysis of warm standby systems in the presence of chance with multiple critical errors 9353
Chung, W.S., Un, C.K., Shin, B.C. Analysis of delay bounds of a tree protocol with collision detection 37141
Chung, Y. *see* Babic, D.I. 12188
Chung, Y. *see* Engelsma, J.R. 30515
Chung, Y. *see* Fuja, R. 15414
Chung, Y. *see* Huang, T.C. 28511
Chung, Y. *see* Kahana, E. 15417
Chung, Y. *see* Lumpkin, A.H. 15341
Chung, Y.C. Frequency-locked long-wavelength lasers for lightwave communication systems [using Kr transitions and discharge lamp] 3658
Chung, Y.C. *see* Lee, J.S. 45991
Chung Chan *see* Shu Qin 42656
Chung Chan *see* Ye, J.Z. 42362
Chung Chanyoung *see* Chanyoung Chung
Chung Cheng Huang *see* Huang Chung Cheng
Chung Chi Cheng *see* Cheng Chung Chi
Chung Chii-Jen *see* Chii-Jen Chung
Chung Chong Sam *see* Chong Sam Chung
Chung Chyan-Goei *see* Chyan-Goei Chung
Chung Dong-Won *see* Dong-Won Chung
Chung Eui-Young *see* Eui-Young Chung
Chung Gwiy-Sang *see* Gwiy-Sang Chung
Chung Hee Kim, Hyun Chul Shin A hierarchical partitioning method using clustering 984
Chung Hong-Kyu *see* Hong-Kyu Chung
Chung Hsiang Dar *see* Hsiang Dar Chung
Chung Hyung-Tae *see* Hyung-Tae Chung
Chung Jae *see* Jae Chung
Chung Jae-Hoon *see* Jae-Hoon Chung
Chung Jong In *see* Jong In Chung
Chung Kyung Taek *see* Kyung Taek Chung
Chung Len Lee *see* Beyin Chen 34005
Chung Len Lee *see* Horng Nan Chern 34958
Chung Len Lee *see* Shye Lin Wu 10927
Chung Li Cheng *see* Cheng Chung Li
Chung Lui Ho *see* Ho Chung Lui
Chung Mong Lee *see* Jiang Liu 13758
Chung Moon Jung *see* Moon Jung Chung
Chung Moon Shick *see* Moon Shick Chung
Chung Pau-Choo *see* Pau-Choo Chung
Chung Sang-Koo *see* Sang-Koo Chung
Chung Shyh-Jong *see* Shyh-Jong Chung
Chung Tai Shin *see* Tai Shin Chung
Chung Tsoi Ah *see* Ah Chung Tsoi
Chung Woon Hyuk *see* Woon Hyuk Chung
Chung Yon-Tack *see* Yon-Tack Chung
Chung-Cheng Wu *see* Tung-Ho Shieh 10719
Chung-Chi Chang *see* Ching-Cheng Tien 18964
Chung-Chi Chang *see* Wen-Teng Lo 42142
Chung-Chih Chen, Ho Chung Lui A comparison of different learning algorithms for printed character recognition 13750
Chung-Ching Chiou *see* Nen-Fu Huang 30413
Chung-Ching Wang, Booth, A.W., Yen-Min Chen, Botlo, M. A graphical environment for DAQ simulations 46325
Chung-Chiun Liu *see* Heqing Yan 23755
Chung-Chuang Wei *see* Ying-Chun Chuang 8830
Chung-Ho Choi *see* Yong-Woo Lee 30408
Chung-Ho Choi *see* Yong-Woo Lee 30409
Chung-Hoon Rhee, F., Krishnapuram, R. Fuzzy rule generation methods for high-level computer vision 22260
Chung-Hsien Wu *see* Ruey-Ching Shyu 21665
Chung-Hsing Chen, Saab, D.G. A novel behavioral testability measure 26567
Chung-Hwang Chen, Sen-Yen Shaw A linearly displayed ionization-gauge controller implemented with automatic range switching 6849
Chung-Ju Chang, Jung-Hui Chiu, Shyh-Jong Lin The delay analysis in a noisy general cut-through switching network 5151
Chung-Ju Chang, Po-Chou Lin, Jia-Ming Chen Study on optimal queue-length-threshold scheduling policy for an ATM multiplexer with finite buffers and batch Poisson arrivals 30169
Chung-Ju Chang, Po-Chou Lin, Jia-Ming Chen On a high-ranking node of B-ISDN 37605
Chung-Kuan Cheng *see* Carragher, R. 17870
Chung-Kuan Cheng *see* Ching-Wei Yeh 41863
Chung-Kuan Cheng *see* McBride, R.R. 17891
Chung-Kuan Cheng *see* Nan-Chi Chou 17867
Chung-Kuan Cheng *see* So-Zen Yao 26206
Chung-Kuan Cheng *see* Zaleta, D. 43570
Chung-Ling Huang *see* Chaur-Chin Chen 5104
Chung-Lung Chen, Talukdar, S.N. Causal nets for diagnosis {of power systems} 32498
Chung-Ming Huang, Jenq-Muh Hsu, Huei-Yang Lai, Jao-Chiang Pong, Duen-Tay Huang An incremental protocol verification method for ECFSM-based protocols 45357
Chung-Ming Kuo *see* Shey-Huei Sheu 41006
Chung-Ming Kuo *see* Shey-Huei Sheu 41015
Chung-Nan Tien, Hsueh-Ming Hang Transform-domain postprocessing of DCT-coded images 36836
Chung-Ping Chien *see* Cech, J.M. 17903
Chung-Po Huang *see* Asaki, M.T. 20699
Chung-Po Huang *see* Jianping Zhou 28769
Chung-Ta King *see* Yunn-Yen Chen 41968
Chung-Yen Chang *see* Horng-Chih Lin 2052
Chung-Yi Su *see* Hua-Yu Liu 2266
Chung-Yu Wu, Chih-Cheng Hsieh, Far-Wen Jih, Tai-Ping Sun, Sheng-Jenn Yang A new share-buffered direct-injection readout structure for infrared detector 31216
Chung-Yu Wu, Wen-Kai Kuo A new analog implementation of the Kohonen neural network 18937
Chung-Yu Wu *see* Chen, K.H. 18792
Chung-Yu Wu *see* Ming-Dou Ker 19998
Chung-Yu Wu *see* Ming-Dou Ker 28263
Chung-Yuan Kung *see* Ming-Deng Shieh 696
Chunghee Kim *see* Hyunchul Shin 33839
Chungming Tu *see* Zhen Zhang 36510
Chunhua Chen *see* Chen Chunhua
Chunhua Jiang *see* Jiang Chunhua
Chunhui Yan, Dianzhao Sun, Hongxi Guo, Xiaobing Li, Shirong Zu, Yunheng Huang, Yiping Zheng, Meiying Kong High-quality InGaP and InGaP/InAlP multiple quantum well grown by gas-source molecular beam epitaxy 42523
Chunlin Chu *see* Chu Chunlin
Chunlin Han *see* Han Chunlin
Chunmeng Wu, Makino, T., Najafi, S.I., Maciejko, R., Svilans, M., Glinski, J., Fallahi, M. Threshold gain and threshold current analysis of circular grating DFB and DBR lasers 35874
Chunming Fang *see* Fang Chunming
Chunming Qiao *see* Chiarulli, D.M. 43579
Chunming Zhang, Limin Wang, Qiaosheng Shi Design and implementation of a microprocessor-based adaptive control system for CSIM drives 48163
Chunqing Wang *see* Wang Chunqing
Chunsheng Li *see* Li Chunsheng
Chunsheng Ma *see* Ma Chunsheng
Chuntonov, A.V. *see* Chmill, V.B. 31762
Chunyan Wang *see* Wang Chunyan
Chunyi Lu *see* Lu Chunyi
Chupeau, B. Estimation and distribution of motion information in image communication networks 45079
Chupeau, B., Salmon, P. Motion compensating interpolation for improved slow motion 31023
Chupp, T.E., Hoare, R.J., Walsworth, R.L., Bo Wu Spin-exchange-pumped ^{3}He and ^{129}Xe Zeeman masers 43703
Chupp, W. *see* Celata, C.M. 31562
Chupp, W.W. *see* Eylon, S. 31613
Churassy, S. *see* Bouvier, A.J. 12001
Churassy, S. *see* Bouvier, A.J. 12013
Churchill, A.C., Grimshaw, M.P., Ritchie, D.A., Linfield, E.H., Jones, G.A.C. A back-gated high electron mobility transistor utilizing a p-type doped layer 2572
Churchill, A.C. *see* Thompson, J.H. 2017
Churenkov, A.V. Photothermal excitation and self-excitation of silicon microresonators 23656
Churikov, V.M. *see* Bolshtyanskii, M.A. 12419
Churikov, V.M. *see* Bolshtyansky, M.A. 3769
Churin, E.G. *see* Mednikarov, B. 28576
Churoux, P., Bouzinac, J.P., Fraces, M., Kocon, S., Comte, D., Hifdi, N., Rousselot, J.Y., Chenevas-Paule, A. Massively parallel opto-electronic computer: the OEDIPE project 11752
Churyumov, G.I., Nazarenko, Yu.A. Study of the formation of electron streams in magnetron-type electron-optical systems 27428
Churyumova, T.A. *see* Atamanchuk, I.G. 27659
Chusid, O. *see* Aurbach, D. 48081
Chusseau, L., Kazmierski, C. Optimum linear pulse compression of a gain-switched 1.5 μm DFB laser 35887
Chutatape, O. *see* Tan Boon Cheong 9238
Chutatape Opas *see* Opas Chutatape
Chute, D.L. The Classroom 2000 project: a personal view of what the past tells us about the future 33263

Chuvatin, A.S. *see* Veron, L. 40371
Chuveliov, A.V. *see* Phillips, V.D. 39710
Chuxi Lai *see* Lai Chuxi
Chuxin Zhou *see* Werwa, E. 41462
Chvojka, M. *see* Beranek, J. 35659
Chvojka, M. *see* Krasa, J. 38849
Chvojka, M. *see* Skala, J. 40652
Chwa Kyung-Yong *see* Kyung-Yong Chwa
Chwan-Hwa Wu *see* Chihwen Li 22131
Chwan-Wen King *see* Ching-An Lin 34180
Chwen-Shell Ho *see* Ming Chang 46598
Chwirka, S., Donnelly, M., Mantooth, A. Integrated thermal, electrical and mechanical simulation of an automotive seat position system 17585
Chyan Chi-Hua *see* Chi-Hua Chyan
Chyan-Goei Chung *see* Chen-Yuan Chang 22444
Chyan-Goei Chung *see* Chen-Yuan Chang 30323
Chye Huat Aw *see* Kenney, C.J. 46973
Chyi, J.-I., Wei, T.-S., Hong, J.-W., Lin, W., Tu, Y.-K. Low dark current and high linearity InGaAs MSM photodetectors 38509
Chyi Hwang, Rong-Yuang Wu, Ming-Jeng Lu A technique for increasing the accuracy of the FFT-based method of numerical inversion of Laplace transforms 33576
Chyi-Hsiang Chern *see* Ching-Fa Yeh 42929
Chykov, V.V. *see* Vlasov, D.V. 3420
Chylek, P., Zhan, J., Pinnich, R.G. Absorption and scattering of microwaves by falling snow 12601
Chyu, M.K. *see* Bizzak, D.J. 31315
Ciaccio, A.Di *see* Di Ciaccio, A.
Ciaccio, E.J., Dunn, S.M., Akay, M. Biosignal pattern recognition and interpretation systems. 2. Methods for feature extraction and selection 38957
Ciaccio, E.J., Dunn, S.M., Akay, M. Biosignal pattern recognition and interpretation systems. 3. Methods of classification 47036
Ciaccio, E.J., Micheli-Tzanakou, E. A least squares algorithm with one phase weight for adaptive cancelation of noise from biomedical signals 24148
Ciaccio, E.J., Weiner, S., Reisman, S.S., Dunn, S.M., Akay, M. Pattern recognition and interpretation of electromyogram data from cat jaw muscle 47103
Ciaffone, A., Lombardo, P., Picardi, G., Seu, R. Multiparameter spotlight radar processors for high resolution 30914
Ciais, G. *see* Delpech, P.-Y. 47554
Ciampa, D.P. *see* Johns, K. 31685
Cianfarani, C., Duane, A., Fabre, J.-P., Frenkel, A., Golovkin, S.V., Gorin, A.M., Harrison, K., Kozarenko, E.N., Kushnirenko, A.E., Ladygin, E.A., Martellotti, G., Medvedkov, A.M., Nass, P.A., Obudovski, V.P., Penso, G., Petukhov, Yu.P., Siegmund, W.P., Tyukov, V.E., Vasilchenko, V.G. A high-resolution detector based on liquid-core scintillating fibres with readout via an electron-bombarded charge-coupled device 31731
Cianflone, C. *see* Moura, L. 39049
Cianflone, F. Control of ENEL's basins levels by means of PLCs 47799
Ciantar, E., Burgniard, S., Jerisian, R., Oualid, J. Two-dimensional modelling and characterization of gate-to-drain overlap contribution on the leakage current of a MOSFET, used as a GCD 2522
Ciantar, E. *see* Moragues, J.M. 11219
Ciapala, E. *see* Brown, P. 15355
Ciapetti, G. *see* Bencze, G.L. 38858
Ciapponi, M. *see* Liberali, V. 18831
Ciardo, G. *see* Muppala, J.K. 9399
Ciardo, G. *see* Trivedi, K.S. 5354
Ciarfella, P. *see* Amir, Y. 45355
Ciari, R.P. *see* Sethi, R.B. 854
Ciarkowski, A. On the field continuity condition in the problem of electromagnetic plane wave diffraction by a half-plane residing between two media 21225
Ciarlo, D. *see* Benett, W.J. 20891
Ciasnohova, A. *see* Bates, S. 24057
Ciavola, G. *see* Migneco, E. 7144
Ciazynski, D., Turck, B. Stability criteria and critical energy in superconducting cable-in-conduit conductors 16379
Cibere, J.J., Salt, E.J., Kumar, S. A sensor to characterize particles for the control and monitoring of agricultural or mining processes 31184
Cibert, J. *see* Legras, R. 43876
Cibis, G. *see* Obaidat, M.S. 15116
Cibis, J. *see* Roecherath-Ries, M.-T. 23231
Cibischino, M. *see* Shieh, S.-J. 38978
Ciboldi, P. *see* Mauthe, G. 25576
Cibuzar, G.T. Sintered ohmic contacts to GaAs 1934
Cicala, G., Bruno, G., Capezzuto, P., Losurdo, M. Study of SiF_4-N_2-H_2 plasmas for the deposition of fluorinated silicon nitride films 9791
Ciccacci, F., Chiaia, G., De Rossi, S., Lenisa, P. Calibrating the spin polarization in electron beams from NEA GaAs photocathodes by means of electron spectroscopy 38806
Ciccarelli, C. *see* Martinoia, S. 7427
Cicchetti, R. On the pulse radiation from a loaded microstrip line using a space-time dyadic Green's function approach 42133
Cicchetti, R., Pirone, C. On the radiation sensibility of a microstrip transmission line 12688
Cicchitelli, L. *see* Boreham, B.W. 3684
Cicci, D.A. An adaptive extended Kalman filter for angles-only tracking/intercept problems 44943
Cicconi, P., Kunt, M. A symmetry-oriented approach to intraframe image coding 36880
Cicconi, P., Reusens E., Dufaux, F., Moccagatta, I., Rouchouze, B., Ebrahimi, T., Kunt, M. New trends in image data compression 45051
Cichocki, A.J., Lobos, T. A neural network for online estimation of parameters of noisy sinusoidal signals 13441
Cichon, D.J. *see* Kurner, T. 4103
Cichoracki, T. *see* Jokinen, A. 33293
Cichosz, J., Hasse, L., Konczakowska, A., Spiralski, L. Method of noise figure measurement with elimination of losses of input matching circuit 23868
Cicinelli, E., Bortone, A., Carbonara, I., Incampo, G., Bochicchio, M., Ventura, G., Montanaro, S., Aloisio, G. Improved equipment for abdominal fetal electrocardiogram recording: description and clinical evaluation 47094
Cicioni, R. *see* Borio, R. 47040
Ciciulla, F. *see* Matarazzo, S. 43346
Cicognani, J. *see* Gallo, S. 17855
Cid, L.del *see* del Cid, L.
Cid-Sueiro, J., Weruaga-Prieto, L., Figueiras-Vidal, A.R. Optimal blind equalization of Gaussian channels 30282
Cid-Sueiro, J. *see* Weruaga-Prieto, L. 18891
Cideciyan, A.V. *see* Nagel, J.H. 31857
Cideciyan, R.D., Eleftheriou, E. Concatenated coding scheme for reliable data transmission in CDMA cellular systems 45832
Cideciyan, R.D. *see* Zurfluh, E.A. 5466
Cidon, I., Gopal, I., Gopal, P.M., Guerin, R., Janniello, J., Kaplan, M. The plaNET/ORBIT high speed network 30411
Cidon, I., Gopal, I.S., Segall, A. Connection establishment in high-speed networks 22543
Cidon, I., Guerin, R., Khamisy, A., Sidi, M. Analysis of a correlated queue in a communication system 5203
Cidon, I., Khamisy, A., Sidi, M. On queueing delays of dispersed messages 37074
Cidon, I. *see* Chen, J.S.-C. 22513
Cidon, I. *see* Georgiadis, L. 45279
Cielo, P. Optical sensors for on-line inspection of industrial materials 9323
Ciemniecki, A. *see* Hasan, R. 44380
Ciesielski, V., Zhu, J., Spicer, J., Franklin, C. A comparison of image processing techniques and neural networks for an automated visual inspection problem 7367
Ciesla, A., Matras, A. Moving ferromagnetic element influence on superconductor separator magnet 44276
Cieslak, W. *see* Halbleib, L. 48049
Cieslak, W.R. *see* Levy, S.C. 40445
Ciftcioglu, O., Turkcan, E. Selection of hidden layer nodes in neural networks by statistical tests 21995
Ciftlikli, C. *see* Gorur, A. 30771
Cifuentes, A.O., Shareef, I.A. Some modeling issues on the finite element computation of thermal stresses in metal lines 27778
Cihangir, S. *see* Fanourakis, G.K. 24011
Ciletti, M.D. *see* Mao, W. 1187
Ciliax, R. *see* Kulick, J. 29057
Cilleruelo, J. The additive completion of Kth-powers 492
Cilliers, P.J., Bartell, P. Evoked potentials: a new window on the brain 24266
Cilliers, P.J., Leuschner, F.W. Biosensors: biomedical engineering at its best 15694
Cillik, I.I., Klep, I.J., Tinka, I.I. Modelling of selected initiators for shutdown and low power conditions of VVER 440 reactors 39886
Cima, M.J. *see* Kagan, C.R. 9512
Cimagalli, V. *see* Barone, A. 1367
Cimatti, G. Existence of periodic solutions for a thermally dependent resistor in a R-C circuit 19151
Cimberle, M.R. *see* Calzona, V. 31165
Ciminiera, L. *see* Ajmone Marsan, M. 37153
Ciminiera, L. *see* Montuschi, P. 26796
Ciminiera, L. *see* Montuschi, P. 41799
Cinabro, D. *see* Alexander, J.P. 24110
Cinabro, D. *see* Alexander, J.P. 46860
Cinato, P., Bostica, B., Calzavara, M., Cavaciuti, A., Gambini, P., Puleo, M., Vezzoni, E. Photonics applications in switching: an ATM optical node 46022
Cindolo, F. *see* Beaumont, S.P. 15637
Cindro, V., Korpar, S., Krizan, P., Stanovnik, A., Staric, M., Skrk, D. Tests of photocathode quantum efficiencies using Cherenkov radiation of electrons from ^{90}Sr 27399
Cindro, V. *see* Staric, M. 46905
Cingolani, R. *see* Dabbicco, M. 20854
Cingolani, R. *see* Stevens, C.J. 42514
Cini, C. *see* Brasca, G. 9979
Cinotti, L., Lavenne, F., le Bars, D., Landais, P., Campagnolo, R., Rousset, O., Mauguiere, F. Evaluation of fractional errors in pixels and regions in a time of flight PET scanner 7341
Cinotti, T.S. *see* Di Stefano, L. 13732
Cinque, L. *see* Bongiovanni, G. 22055
Cinque, T. *see* Gilleo, K. 366
Ciocci, F. Review of insertions in synchrotron light sources 15358
Ciocci, F., Dattoli, G., Angelis, A.D., Garosi, F., Giannessi, L., Ottaviani, P.L., Torre, A. Design elements of a high-power VUV free electron laser 28895
Ciocci, F., Dattoli, G., Giannessi, L., Torre, A. Analysis of the optical-klystron gain depression induced by inhomogeneous broadening effects 10626
Ciocci, F., Dattoli, G., Giannessi, L., Torre, A. Inhomogeneous broadening effects in a waveguide free-electron laser 44003
Ciocci, F. *see* Castellano, M. 6925
Cioffi, J.M. *see* Lee, I. 29683
Cioffi, P. *see* Piepho, J. 8122
Ciofini, M. *see* Arecchi, F.T. 43723
Ciofini, M. *see* Meucci, R. 28693
Ciok, Z. Research organization in developed countries 40847
Cioni, J.P., Fezoui, L., Steve, H. A parallel time-domain Maxwell solver using upwind schemes and triangular meshes 12577
Cioni, L. An environment for speech signal processing 13054
Cioni, R. *see* Bandinelli, M. 4262
Cioni, R. *see* Sforza, M. 36177
Cios, K.J. *see* Ning Liu 7343
Ciosek, W.J. *see* White, T.R. 19664
Ciota, Z. *see* Noullet, J.L. 1315
Ciotti, C. *see* Tan, Q.-S. 9991
Cipperly, G.E. Extracting properties of multiple-scene objects from autocorrelation features 4782
Cipresso, G., Garrett, S. Implementing SMT for under $20,000 34360
Cipriano, A. *see* Guesalaga, A. 38386
Cirbo, L.E. *see* Weller, R.D. 21287
Ciric, D. *see* Neskovic, N. 15583
Ciric, I.R. *see* Gesell, G.A. 44535
Ciric, I.R. *see* Liu, Y. 4067
Ciric, I.R. *see* Liu, Y. 21205
Cirillo, A.J., Wiggins, D.S. Harrison Power Station SO_2 removal project update 32697
Cirillo, J.R., Jennings, K.L., Lynn, M.A., Steele, R.E. Recent developments in plastic optical fiber components for automotive applications 3045
Cirillo, M., Cocciolo, P., Merlo, V., Gronbech-Jensen, N., Parmentier, R.D. Long Josephson junctions with uniform dc and rf driving currents: general results for the phase-locked regimes 35274
Cirillo, M. *see* Carelli, P. 11543
Cirino, P. *see* Golz, J. 15038
Cirio, R. *see* O'Shaughnessy, K. 47008
Cirkovic, S. *see* Neskovic, N. 15583
Cirlin Eun-Hee *see* Eun-Hee Cirlin
Cisneros, D. *see* Bernacki, B.E. 2935
Cisson, J., Seigo, J., Minten, K. PWB interconnect strategy using a full build electroless copper plating system. II. Etch characteristics 1714
Cisson, J. *see* Minten, K. 42295
Citerna, F.D. *see* Balli, E. 24326
Citerne, J. *see* Achkar, J. 10421
Citerne, J. *see* Amrani, C. 1629
Citerne, J. *see* Nouvel, F. 5727
Citerne, J. *see* Tessereau, S. 30597
Citerne, J. *see* Tessereau, S. 36426
Citko, T. *see* Bogdan, A. 17030
Citko, T. *see* Sikorski, A. 8561
Citko, T. *see* Sikorski, A. 17097
Citrin, P.H. *see* Benton, J.L. 10842
Citrin, P.H. *see* Schuppler, S. 2020
Ciullo, G. *see* Aleksandrov, A.V. 7142
Ciullo, G. *see* Aleksandrov, A.V. 31655
Ciullo, G. *see* Aleksandrov, A.V. 38805
Ciullo, G. *see* Calabrese, R. 34473
Ciullo, G. *see* Calabrese, R. 38804
Ciullo, G. *see* Yang, B. 12528
Ciumbulea, G. Mathematical model of the synchronous motor with variable reluctance 40139
Ciumbulea, G. *see* Galan, N. 47826
Ciupa, R. *see* Piotrowski, J. 28641
Ciureanu, P., Rudkowska, G., Rudkowska, P., Strom-Olsen, J.O. Magnetoresistive sensors with rapidly solidified Permalloy fibers 6464
Civalleri, P.P., Gilli, M. On the dynamic behaviour of two-cell cellular neural networks 1370
Civanlar, M.R., Worth, J.P., Cash, G.L. Workstation-PC multipoint video teleconferencing implementation on packet networks 37607
Civera, R. *see* Vazquez, M.C. 43397
Civera, R. *see* Vizoso, B. 2952
Civille, R. A national strategy for civic networking: a vision of change 30372
Ciwen Sha *see* Sha Ciwen
Cizek, V.V. Instantaneous frequency and its measurement using digital filters 15163
Cizelj, L. *see* Dvorsek, T. 39822
Cizmar, A. A novel approach to the speech and channel coding system 12986
Claasen, T.A.C.M. New challenges in signal processing for consumer electronics products 13385
Claassen, D.M., Lourens, J.G. Estimating acoustic attenuation of chirp sonar signals for marine

sediment classification: comparison of matched filtering and spectral-shift techniques 16017
Claassen, M. *see* Harth, W. 27230
Claassen, M. *see* Pobl, M. 10464
Clack, R., Defrise, M. Cone-beam reconstruction by the use of Radon transform intermediate functions 36895
Cladas, A. *see* Iliadis, I. 48327
Claeson, T. *see* Brorsson, G. 26428
Claeson, T. *see* Ivanov, Z.G. 35287
Claeson, T. *see* Olsson, E. 2874
Claeson, T. *see* Ovsyannikov, G.A. 20182
Claeson, T. *see* Ramos, J. 11534
Claeson, T. *see* Ramos, J. 28410
Claeson, T. *see* Ramos, J. 35284
Claeson, T. *see* Zhang, Y.M. 43347
Claessens, P., Mathys, P., Bou Saada, J., Colignon, P. An optimized, adaptative, reduced-order flux observer 17541
Claesson, I. *see* Nordholm, S. 22689
Claesson, J. *see* Zhang, K.Q. 30979
Claeys, C. *see* Dierickx, B. 24001
Claeys, C. *see* Simoen, E. 2560
Claeys, C. *see* Simoen, E. 11209
Claeys, C. *see* Simoen, E. 19817
Claeys, C. *see* Simoen, E. 19861
Claeys, C. *see* Simoen, E. 42959
Claeys, C. *see* Simoen, E. 43100
Claeys, F. Premoulded joints for voltages from 72 to 245 kV 16421
Claeys, W., Dilhaire, S., Quintard, V. Laser probing of thermal behaviour of electronic components and its application in quality and reliability testing 43058
Claeys, W., Dilhaire, S., Quintard, V., Dom, J.P., Danto, Y. Thermoreflectance optical test probe for the measurement of current-induced temperature changes in microelectronic components 6492
Claeys, W., Giroux, F., Dilhaire, S., Gounelle, C., Quintard, V., Mortini, P. Temperature measurements on metallic lines under current stresses by laser probing and correlation with electromigration tests at wafer level 19670
Claffy, K.C., Polyzos, G.C., Braun, H.-W. Application of sampling methodologies to network traffic characterization 30382
Claflin, B. *see* Pashmakov, B. 34533
Clain, S., Rappaz, J., Swierkosz, M., Touzani, R. Numerical modeling of induction heating for two-dimensional geometries 17611
Clair, C.M.St. *see* St. Clair, C.M.
Clair, S.St. *see* St. Clair, S.
Clairambault, J. *see* Medigue, C. 39056
Clairon, A., Laurent, Ph., Nadir, A., Santarelli, G., Drewsen, M., Grison, D., Lounis, B., Salomon, C. A laser cooled cesium fountain clock: design and expected performances 6300
Clairon, A. *see* Santarelli, G. 20909
Clairon, A. *see* Zondy, J.J. 3452
Claisse, P.R. *see* Kiely, P.A. 43026
Clalfin, E.S. *see* Mende, S.B. 31267
Clamp, K. *see* Adams, E. 45585
Clamp, T. Simulators for combined cycle gas turbine plant 40019
Clancy, D., Ozguner, U., Graham, R. Determination of the optimal beta gimbal angles for the solar arrays of the space station using a neural network 47210
Clapp, W.G., Summers, R., Hansen, V. ADSAT, astronaut deployable satellite 123
Clapp, W.G. *see* Twiggs, R.J. 111
Clare, J.C., Davis, R.M. The prediction of supply current waveforms and harmonics for rectifier circuits with capacitive smoothing 8598
Clare, J.F. Characterization of two bolometric absolute radiometers 23616
Clarence, I.R. *see* Ayres, J.R. 34953
Clarencon, D. *see* Clochon, P. 7457
Claridge, D.E. *see* Reddy, T.A. 9001
Clark, A., Summit, J., Greenland, P. T.E.G. cell based integration of power sub-system functions 41668
Clark, A. *see* Dawson, E. 36551
Clark, A. *see* Jagadish, C. 719
Clark, A. *see* LeTran, T.T. 42484
Clark, A. *see* Li, G. 33654
Clark, A. *see* Lyle, R.P. 35495
Clark, A.G. *see* Bates, S. 24057
Clark, A.G. *see* Borer, K. 7221
Clark, C.D., Bunch, T.E., Dobbins, M.C. Wafer fab production controls for the 90s 270
Clark, C.F., Courts, A.L. Reliability planning for the Puget Sound area 32376
Clark, C.F. *see* Lawless, W.N. 34289
Clark, C.F. *see* Weaver, T.L. 47456
Clark, D.D. *see* Jamin, S. 5335
Clark, D.E. *see* Foster, B. 31714
Clark, D.J., Coleman, C.C. Electrode polarization in a yttria-stabilized zirconia solid electrolyte cell 48046
Clark, D.J., Cutcliffe, S. Fixed network infrastructure for cellular networks 22884
Clark, D.W. Where you go, so go the calls [personal telephone service] 37364
Clark, E., Linn, S., Piekarz, H., Wahl, H., Womersley, J., Hansen, S., Hurh, P., Rivetta, C., Sanders, R., Schmitt, R., Stanek, R., Stefanik, A. Fast sampling calorimetry with solid argon ionization chambers 24010
Clark, G.A., Hernandez, J.E., Sengupta, S.K., Sherwood, R.J., Schaich, P.C., Buhl, M.R., Kane, R.J., Barth, M.J., DelGrande, N.K. Computer vision and sensor fusion for detecting buried objects 22294
Clark, G.M. *see* Moxham, J.R.E. 7473
Clark, H. *see* Stein, J. 32776
Clark, H.R. *see* Johnson, B. 12383
Clark, H.R. *see* Pryor, R.W. 750
Clark, J.J., Weisman, M.J., Yuille, A.L. Using viewpoint consistency in active stereo vision 30041
Clark, J.J. *see* Lei Wang 4976
Clark, J.W. Benefits of PUHCA reform to the regulated utilities 7852
Clark, J.W., Burley, J.R., II Energy management displays for air combat 39229
Clark, K.C. *see* Hernandez, G. 43539
Clark, K.P. *see* Wang, T. 6745
Clark, L.A. *see* Krukar, R. 2133
Clark, L.T., Gloerstad, T., Grondin, R.O., Dey, S.K. Measurement and simulation of partial switching in ferroelectric PZT thin-films 35145
Clark, M. *see* da Costa, C.S. 5594
Clark, M.A. The use of erasable optical disk technology for data archival in a UNIX Internet environment 47174
Clark, M.G. Current status and future prospects of poly-Si devices 34951
Clark, M.J. *see* Chng, S.K. 30449
Clark, M.P., Scharf, L.L. Efficient frequency-wavenumber spectrum estimation using sliding time-division windows 29615
Clark, M.S. A direct search method for the computer design of holograms 12467
Clark, M.V., Greenstein, L.J., Kennedy, W.K., Shafi, M. Optimum linear diversity receivers in digital cellular radio 37777
Clark, N., Giles, M.K., Harrison, S.H., Hofer, C.P. Blood flow tracking using optical correlation techniques 15710
Clark, N.H. Testing of double-layer capacitors for high reliability applications 17145
Clark, P.R. *see* James, G.L. 4350
Clark, P.S. Plastic cased lithium batteries: the challenge to achieve hermiticity and safety 17158
Clark, R. *see* Zhuang, W.Z.L. 36039
Clark, R.D. *see* Bassett, R.N. 351
Clark, R.F. *see* Siemsen, K.J. 23384
Clark, R.G. *see* Mellor, C.J. 42720
Clark, R.J., Ammar, M.H., Calvert, K.L. Multiprotocol architectures as a paradigm for achieving inter-operability 5491
Clark, R.K. *see* Zhuang, W.Z.L. 6785
Clark, R.S., Rinehart, L.F., Buttram, M.T., Aurand, J.F. An overview of Sandia National Laboratories' plasma switched, gigawatt, ultra-wideband impulse transmitter program 44468
Clark, S.A., Wilks, S.P., Morris, J.I., Woolf, D.A., Williams, R.H. An investigation of the electrical and chemical properties of intimate metal-$In_yAl_{1-y}As(100)$ interfaces 34602
Clark, S.A. *see* Luo, J.K. 18202
Clark, S.L. *see* Ruth, R.D. 46776
Clark, S.R. *see* Paul, D.W. 31180
Clark, T. High linearity A/D conversion 42011
Clark, T.D. *see* Clippingdale, A.J. 31964
Clark, T.D. *see* Diggins, J. 46397
Clark, T.D. *see* Prance, H. 20205
Clark, T.S. *see* Padin, S. 14742
Clark, W.D., Keefer, M.E., Cook, D.M. Film thickness measurements of amorphous silicon [using optical technique] 15212
Clark, W.D.K. *see* Spillman, D.M. 17173
Clarke, A.A. *see* Tyrer, J.R. 40876
Clarke, A.A. *see* Vassie, L.H. 20586
Clarke, A.M., Allison, G., Hewson, T. User exposure trails in the LUSI project 37568
Clarke, A.P. *see* Clarke, R.J. 26988
Clarke, B. *see* Stephens, T. 38046
Clarke, D.A. *see* Reynolds, R.L. 9322
Clarke, E.M. Automatic verification of sequential circuit designs 1174
Clarke, E.M. *see* Burch, J.R. 41848
Clarke, E.S., Prenger, R., Ross, M. Experimental results with a prototype three-channel multi-access transceiver lasercom terminal 6047
Clarke, H.C. *see* Deacon, C.G. 2411
Clarke, I.J. Multi-signal time-frequency model fitting using an approximate maximum likelihood algorithm 13343
Clarke, J. *see* Black, R.C. 23854
Clarke, J. *see* Koelle, D. 6455
Clarke, J. *see* Koelle, D. 28416
Clarke, J. *see* Wellstood, F.C. 28409
Clarke, J.A., Corlett, J.N. New injection kicker magnets for the Daresbury SRS 15564
Clarke, J.A., Corlett, J.N., Poole, M.W., Smith, S.L., Suller, V.P., Welbourne, L.A. The linear lattice design of an advanced VUV/SXR photon source for Daresbury 7130
Clarke, J.A., Corlett, J.N., Poole, M.W., Smith, S.L., Suller, V.P., Welbourne, L.A. Nonlinear behaviour in the proposed lattice of the Daresbury Advanced Photon Source 15361
Clarke, J.A. *see* Van Berkel, C. 43598
Clarke, K., Duncan, A. Development and application of a long wavelength OTDR to provide early warning of degradation in a fibre network 38017
Clarke, K. *see* Petreski, B.P. 38026
Clarke, P.M. *see* Hogle, R.A. 2137
Clarke, R., Vinsant, R. International EMI/RFI specs forbid switching supplies at 500 kHz for some medical equipment 25525
Clarke, R. *see* Doll, G.L. 9576
Clarke, R. *see* Kidner, S. 41463
Clarke, R. *see* Ruble, R. 18490
Clarke, R. *see* Ruble, R. 26677
Clarke, R.H., Fry, F.A., Stather, J.W., Webb, G.A.M. 1990 recommendations of the International Commission on Radiological Protection 7506
Clarke, R.J., Curtis, I.A., Clarke, A.P., Marwood, W. A floating point rectangular systolic array on a chip 26988
Clarke, R.J., Linnett, L.M. Fractals and image representation 4868
Clarke, S.J. *see* Linnett, L.M. 38177
Clarke, T.A., Ellis, T.J., Robson, S. High-accuracy 3-D measurement using multiple camera views 46305
Clarke, T.A., Robson, S., Chen, J. A comparison of three methods for 3D measurement of turbine blades 23896
Clarke-Gayther, M.A. *see* Eaton, G.H. 46784
Clarke-Gayther, M.A. *see* West, N.D. 7087
Clarkson, M.T. *see* Sutton, C.M. 46271
Clarkson, T.G. *see* Tsui, T.S.D. 30608
Clarkson, T.G. *see* Zein, N.F. 12839
Clarkson-Short, C. Economics of local loop competition by radio access 14521
Clarricoats, P.J.B., Monk, A.D., Zhou Hai An array-fed reconfigurable reflector for flexible coverage 29302
Clarricoats, P.J.B., Zhou, H. Reduction of pillowing effects in mesh reflector antennas 12764
Clary, D.C. *see* Law, V.J. 27743
Clarysse, T., Vandervorst, W. Automatic generation of shallow electrically active dopant profiles from spreading resistance measurements 42618
Clarysse, T. *see* Czech, I. 42619
Clarysse, T. *see* Snauwaert, J. 42542
Clarysse, T. *see* Vandervorst, W. 46568
Claspy, P.C. *see* Richard, M.A. 4348
Clatterbaugh, G.V. *see* Russo, A.A. 46099
Claude, C. *see* Watanabe, T. 44110
Claude, J.-p. *see* Agoulmine, N. 5364
Claude, J.-P. *see* Bhushan, B. 14041
Claus, B. Multiscale statistical signal processing: identification of a multiscale AR process from a sample of an ordinary signal 44964
Claus, J. *see* de Viron, F. 16259
Claus, J. *see* Fernow, R.C. 6878
Claus, R. *see* Oxoby, G. 6999
Claus, R.O. *see* Anbo Wang 43448
Claus, R.O. *see* Gollapudi, S. 3068
Claus, R.O. *see* Masri, S.F. 23678
Claus, R.O. *see* Murphy, K.A. 6547
Claus, R.O. *see* Murphy, K.A. 23673
Claus, R.O. *see* Nau, G.M. 23667
Claus, R.O. *see* Poland, S.H. 3071
Claus, R.O. *see* Shyprykevich, P. 23676
Claus, R.O. *see* Sudarshanam, V.S. 6543
Claus, R.O. *see* Sudarshanam, V.S. 6552
Claus, R.O. *see* Sudarshanam, V.S. 23674
Claus, R.O. *see* Vengsarkar, A.M. 38546
Claus, R.O. *see* Wang, A. 5963
Claus, R.O. *see* Wang, A. 6544
Claus, S.J. *see* Pai, S.P. 23661
Clausen, J.C., Rasmussen, I. Co-firing of coal and straw in large boilers 25209
Clausen, M.B., Eichhorn, H.U., Nielsen, S., Skjoth, N.E., Stilling, E. Radio relay system Moscow-Kingisepp-St. Petersburg 45775
Clausen, T., Leistiko, O. Current transport in low-resistance metal-InP contacts 27569
Clausen, T., Leistiko, O., Chorkendorff, Ib., Larsen, J. Schottky barrier inhomogeneities in Au-Ni and Au-Cr contacts to InP-ohmic contact applications 42559
Clausing, D.P. World-class concurrent engineering 33312
Clausnitzer, G., Baumann, R., Feuerstein, B., Flierl, H.P., Horoi, M., Keil, G., Mildner, M., Ochs, D., Pfaff, E., Preiss, M. The Giessen atomic beam source 31621
Clausnitzer, G., Keil, G., Pfaff, E., Kramer, D., Kugler, K.H. The Balzers-Pfeiffer source for the Svedberg Laboratory, Uppsala 31622
Clauss, J.M., Harrison, D.L., Pickens, T.A. The Monticello license renewal project 32606
Claussen, R.L., Martin, C.E., Oberjohn, W.J., Weber, G.F., Tischer, R.E. Duct injection technology engineering and design for commercial applications 8127
Clauws, P. *see* Ohyama, H. 19698
Clavel, P. *see* Auvergne, J.-P. 6799
Clavelier, E. *see* Broyde, F. 34297
Clavelier, E. *see* Broyde, F. 34298
Claverie, A., Liliental-Weber, Z., Werner, P., Swider, W., Bhattacharya, P.K., Gupta, S., Mourou, G. TEM and HREM studies of As-grown low-temperature molecular beam epitaxial $In_{0.52}Al_{0.48}As/InP$ heterolayers 749
Claverie, A., Namavar, F., Liliental-Weber, Z., Dreszer, P., Weber, E.R. Semi-insulating GaAs

made by As implantation and thermal annealing 19517
Claverie, A. *see* Faure, J. 27617
Claverie, A. *see* Faye, M.M. 10856
Claverie, A. *see* Faye, M.M. 10862
Claverie, A. *see* Liliental-Weber, Z. 27626
Claverie, A. *see* Namavar, F. 34675
Claverie, A. *see* Yahia Messaoud, A. 19588
Claverie, A. *see* Zhang, J.P. 33597
Claverie, C. *see* Le Roux, P. 37994
Clavier, E., Gastaud, M., Brunet, H. Amplifying medium behaviour of an AC excited high power CO_2 laser 11967
Clavier, E., Gastaud, M., Lafore, D., Brunet, H. A resonant converter application as an AC power supply for a continuous wave CO_2 laser 28927
Clavier, E. *see* Gastaud, M. 11968
Clavier, E. *see* Lafore, D. 32932
Clavreul, R., Fourmigue, J.M., Duchateau, F., Berdala, J., Parpal, J.L. Study of cross-linked polyethylene under high field 43200
Clavreul, R., Reignier, P. Development of moisture analysis for high and very high voltage XLPE and LDPE cables insulations 16343
Clavreul, R. *see* Hadid, A. 43210
Claxton, P.A. MBE growth of pseudomorphic HEMT structures for MMIC applications 19074
Claxton, S. *see* Kobayashi, K.W. 1592
Clay, D. *see* Wells, S. 26955
Clay, M. *see* Converse, S.A. 39741
Clay, M.E. What are good operators and why are they needed? [particle accelerators] 15282
Clayaton, S.R. *see* de la Houssaye, P.R. 20214
Clayden, N.J. Non destructive testing of thermoplastic composites by NMR imaging 33789
Claydon, A.R. *see* Chima, J.S. 22493
Claydon, B. *see* Dang, N.D. 22941
Clays, K., Armstrong, N.J., Ezenyilimba, M.C., Penner, T.L. Blue light guiding in a polymeric nonlinear optical Langmuir-Blodgett waveguide 20357
Clayton, A.C. *see* Donovan, R.P. 1992
Clayton, A.C. *see* Periasamy, R. 852
Clayton, C. *see* Hartman, S.C. 38818
Clayton, C.M. *see* Simpson, T.B. 43944
Clayton, F.M. *see* Cryan, R.A. 23017
Clayton, F.M. *see* Elmirghani, J.M.H. 6096
Clayton, F.M. *see* Elmirghani, J.M.H. 14642
Clayton, F.M. *see* Elmirghani, J.M.H. 14815
Clayton, F.M. *see* Elmirghani, J.M.H. 29423
Clayton, F.M. *see* Elmirghani, J.M.H. 38038
Clayton, F.M. *see* Elmirghani, J.M.H. 45909
Clayton, F.M. *see* Marshall, G.J. 30345
Clayton, L.D., Eernisse, E.P. Four-point SC-cut crystal unit design calculations for reduced acceleration sensitivity 20061
Clayton, M. *see* Elmirghani, J. 30819
Clayton, M. *see* Elmirghani, J.M.H. 5932
Clayton, M. *see* Elmirghani, J.M.H. 28458
Clayton, R.H., Murray, A., Campbell, R.W.F. Frequency analysis of ventricular fibrillation in three surface ECG leads 15879
Clayton, R.W. *see* Bard, J.F. 33326
Clayton, S.R. *see* Burns, M.J. 2891
Clayton, W.A. Improved capacitive moisture sensors 38471
Clayton, W.R., Driggers, R.G., Harmon, K.M. Target location by a multiaperture vision system coupled to a back-propagation neural network 13600
Claytor, T.N. *see* Pope, N.G. 16087
Clear, J. *see* Schonfelder, V. 7146
Clear, R., Berman, S. Economics and lighting level recommendations 17604
Clearfield, H.M., Furman, B.K., Callegari, A., Graham, T., Purushothaman, S. Chemistry and long-term durability of metal/polyimide interfaces: processing and temperature/humidity stresses 17882
Clearwaters, W.A. *see* Atkinson, R.M. 46292
Cleary, A.C. *see* Paterakis, M. 45866
Cleaver, J.R.A. *see* Blaikie, R.J. 19340
Cleaver, J.R.A. *see* Goodings, C.J. 34567
Cleaver, J.R.A. *see* Goodings, C.J. 42858
Cleaver, J.R.A. *see* Herbert, P.A.F. 28034
Cleaver, J.R.A. *see* Hornsey, R.I. 27547
Cleaver, J.R.A. *see* Hoyle, P.C. 33740
Cleaver, J.R.A. *see* Hussain, T. 42612
Cleaver, J.R.A. *see* Williams, D.A. 2600
Cleaver, K. *see* Gabzdyl, J. 28726
Cleaver, R.O., Midkiff, S.F. Visualization of network performance using the AVS visualization system 37355
Clecak, N.J. *see* Hinsberg, W.D. 11049
Clecak, N.J. *see* Ito, H. 11051
Clecak, N.J. *see* MacDonald, S.A. 11073
Clech, J.-P., Manock, J.C., Noctor, D.M., Bader, F.E., Augis, J.A. A comprehensive surface mount reliability model: background, validation and applications 34375
Clech, J.-P., Manock, J.C., Noctor, D.M., Bader, F.E., Augis, J.A. A comprehensive surface mount reliability model covering several generations of packaging and assembly technology 41017
Clechet, P. *see* Queau, E. 26468
Cleene, B.De *see* De Cleene, B.
Cleetus, K.J. Virtual team framework and support technology 37488
Cleevely, D. Standards and market development: brake or accelerator? 37194
Cleevely, D. The ATM challenge 37272
Clegg, B. Going underground [cable fault location] 24967
Clegg, T.B. Roundtable discussion on atomic beam ion sources 31630
Clegg, T.B. *see* Crosson, E.R. 31629
Clei, A. *see* Chertouk, M. 11254
Clei, A. *see* Chertouk, M. 35031
Clei, A. *see* Hamida, A.B. 34518
Cleland, A.N., Esteve, D., Urbina, C., Devoret, M.H. An extremely low noise photodetector based on the single electron transistor 23581
Cleland, W.E., Stern, E.G. Signal processing for liquid ionization calorimeters 24016
Cleland, W.E., Stern, E.G. Signal processing considerations for liquid ionization calorimeters in a high rate environment 31725
Clelland, I.W., Price, R.A. Precision film capacitors for high frequency circuits 26721
Clem Karl, W. *see* Luettgen, M.R. 37025
Clemans, C.L. *see* Weaver, T.L. 47456
Clemendot, F., Gras, J.-M., Spiteri, P. The materials and the development of electrical uses 25941
Clemens, B.M. *see* Bain, J.A. 28352
Clemens, B.M. *see* Lairson, B.M. 11476
Clemens, B.M. *see* Lairson, B.M. 28354
Clemens, B.M. *see* Visokay, M.R. 28355
Clemens, J.C. *see* Beker, H. 7152
Clement, D.P., Osterberg, U., Lasky, R.C. Analytical coupling model for obliquely polished single-mode fibers 43436
Clement, F. *see* Declerq, M.J. 33896
Clement, J. *see* Bar-Yam, Z. 46864
Clement, J.J. *see* Atakov, E.M. 34799
Clement, M., Daniel, D., Bergeal, J. Developments in MV neutral control at Electricite de France 25027
Clement, M. *see* Fauquembergue, P. 24917
Clement, M. *see* Rodriguez, T. 19412
Clement, V., Giraudon, G., Houzelle, S., Sandakly, F. Interpretation of remotely sensed images in a context of multisensor fusion using a multispecialist architecture 24456
Clemente, S. Transient thermal response of power semiconductors to short power pulses 34879
Clemente, S.M., Dapkus, D.A., II IGBT models account for switching and conduction losses 2446
Clementi, J. *see* Hill, G. 27394
Clements, M.A. *see* Carlson, B.A. 36615
Clements, S.J., Henning, I.D., White, I.H., Wilkinson, C.D.W. Exploitation of two dimensional integrated optics for optoelectronic systems 14670
Clements, S.J. *see* Yeo, T.E. 12140
Clements, S.J. *see* Yeo, T.E. 12483
Clements, S.M., Liu, W., Kang, J., Cavin, R.K., III Very high speed continuous sampling using matched delays 42024
Clendenin, C.G. *see* Wincheski, B. 9846
Clendenin, J. Polarized electron beams for linear colliders 31651
Clendenin, J., Aoyagi, H., Frisch, J., Matsumoto, H., Nakanishi, T., Schultz, D., Tang, H., Yeremian, D., Yoshioka, M. Prospects for generating polarized electron beams for a linear collider using an rf gun 38808
Clendenin, J. *see* Braun, H. 15298
Clendenin, J. *see* Saez, P. 23989
Clendenin, J. *see* Schultz, D. 38807
Clendenin, J. *see* Schultz, D.C. 7140
Clendening, S.J. *see* Fujiyama, Y. 45690
Clenet, S., Astier, S., Cros, J., Lefevre, Y., Lajoie-Mazenc, M. An efficient torque speed characteristic calculation method for brushless CAD using optimization techniques 8343
Clenet, S. *see* Cros, J. 17136
Clergeau, J.F. *see* Angelini, F. 46951
Clergeot, H. *see* Larzabal, P. 13252
Clerici, G. The supercapacitor 25624
Clerici, T.A., Elick, R. Combining inspection and tape and reel 27371
Clermont, F. Formant-contour parameterisation of vocalic sounds by temporally-constrained spectral matching 4550
Clermont, F. Characterisation of the diphthongal sound beyond the F_1-F_2 plane 13023
Clermont, F. Spectro-temporal description of diphthongs in F_1-F_2-F_3 space 29514
Cleroux, M. *see* Pakulski, G. 35820
Clesca, B., Bousselet, P., Hamon, L. Second-order distortion improvements or degradations brought by erbium-doped fiber amplifiers in analog links using directly modulated lasers 14645
Clesca, B. *see* Blondel, J.-P. 5885
Cleve, B., Hess, R., Baranovskii, S.D., Thomas, P. Monte-Carlo simulation of energy relaxation of interacting carriers in a-Si:H under arbitrary electric fields 27491
Cleveland, B. Why call centers operate as they do 37358
Cleveland, F.M. Real-time modelling of the distribution system 7925
Cleveland, J., Kupitz, J. IAEA activities in gas-cooled reactor technology development 47665
Clevenger, L. *see* Libera, M. 34667
Clevenger, L.A., Hong, Q.Z., Mann, R., Harper, J.M.E., Barmak, K., Cabral, C., Jr., Nobili, C., Ottaviani, G. Silicide formation in Ti-Si and Co-Si reactions 27574
Clevesson, O., Lundstrom, A. Melting of used aluminium beverage cans (UBC) regained from the Swedish recycling system 48487
Clewing, M. *see* Blacha, N. 17037
Clibbon, K.L., McCowen, A. Thermal modelling of nonideal interstitial microwave antenna array hyperthermia for the treatment of cancer 7460
Clibbon, K.L., McCowen, A., Hand, J.W. SAR distributions in interstitial microwave antenna arrays with a single dipole displacement 31969
Cliffe, R.J., Manning, C.D. New improved phase-shift controlled H-bridge converter 17067
Clifford, I. *see* Kao, W. 27092
Clifford, I.H. *see* Kundert, K.S. 41564
Clifford, J.J., Posner, M.E., Kayser, T.L. Applying common sense to balancing component placement machines 40909
Clift, W.M. *see* Friedmann, T.A. 9681
Clifton, B.J. *see* Marshman, C.A. 44404
Clifton, M.J. *see* Khalidi, A. 33015
Cline, D.B. *see* Pisin Chen 6887
Climaca, J.N. *see* Antunes, C.H. 13924
Cline, D. *see* Abbott, B. 7245
Cline, D.B. A possible monitor for the Plasma Lens experiment 23978
Cline, M.L. *see* Girgis, A.A. 26096
Cline, R.A. *see* Carbajal, B.G., III 28278
Clinkinbeard, D.R. *see* Menon, S.M. 10072
Clinthorne, N.H. *see* Petrick, N. 15636
Clippingdale, A. *see* Prance, H. 20205
Clippingdale, A.J., Prance, R.J., Clark, T.D., Watkins, C. Ultrahigh impedance capacitively coupled heart imaging array 31964
Clochon, P., Caterini, R., Clarencon, D., Roman, V. EEG paroxystic activity detected by neural networks after wavelet transform analysis 7457
Cloete, M., Cheek, J.B.S., Lang, M.A.I. The development of a variable-frequency series resonant test set for after-laying tests on XLPE cables 16369
Cloetens, L. *see* Meylemans, P. 30585
Clogston, A.M. *see* Maggiore, C.J. 38662
Cloitre, T., Briot, N., Briot, O., Gil, B., Aulombard, R.L. Low pressure metalorganic vapour-phase epitaxy growth of ZnTe using triethylamine dimethyl zinc adduct 9526
Cloitre, T., Briot, N., Briot, O., Gil, B., Aulombard, R.L., Jones, A.C. Optical characterization of extremely high purity ZnSe grown by metal-organic vapour phase epitaxy using dimethylzinc-triethylamine adduct 9636
Cloitre, T. *see* Briot, O. 26457
Clonts, L. *see* Takla, M. 18568
Clonts, L.G., Bouldin, D.W. Design and synthesis of an Intel 80C51-compatible microprocessor optimized for reduced instruction-time execution 18812
Cloonan, F.J., Richards, G.W., Morrison, R.L., Lentine, A.L., Sasian, J.M., Mccormick, F.B., Hinterlong, S.J., Hinton, H.S. Shuffle-equivalent interconnection topologies based on computer-generated binary-phase gratings 43679
Cloonan, T.J. *see* McCormick, F.B. 43584
Close, E., Fong, C., Lee, E. HILDA: heavy ion linac analysis code 23947
Close, P.R. Low power signal processing for digital compact cassette 23362
Close, R. *see* Kim, E.-K. 21669
Close, R. *see* Tamura, S. 46637
Clouard, R., Porquet, C., Elmoataz, A., Revenu, M. Resolution of image processing problems by dynamic planning within the framework of the blackboard model 5073
Cloud, G. *see* Lowrey, T. 1236
Cloud, T.A., Houston, M.R., Kohl, P.A., Bidstrup, S.A. Evaluation of the processing and performance of noble metal MCMs 9304
Cloud, T.A., Houston, M.R., Kohl, P.A., Bidstrup, S.A. Processing and performance of gold MCMs 17899
Cloude, S.R., Smith, P.D., Milne, A., Parkes, D.M., Trafford, K. Analysis of time domain ultrawideband radar signals 46046
Cloude, S.R. *see* Tinniswood, A. 44411
Clough, B.T. Microwave induced upset of a digital flight control computer 39266
Clough, B.T., Cope, B., Donley, S. Microwave induced upset of digital flight control systems 39267
Clouser, W. *see* Greenwald, A. 9781
Cloutier, G., Shung, K.K., Durand, L.-G. Experimental evaluation of intrinsic and nonstationary ultrasonic Doppler spectral broadening in steady and pulsatile flow loop models 24257
Cloutier, J. *see* Gallant, J.-F. 24243
Cloux, R.Du *see* Du Cloux, R.
Clow, D., Loomba, J., Check, K. NTC thermistors vs. active circuits for in-rush current suppression 9962
Clower, P. Increased dynamic range for three phase PWM motor drives 48171
Clozza, A. *see* Chimenti, V. 15309
Clube, F., Gray, S., Struchen, D., Tisserand, J.C. Holographic mask aligner 12434

Clube, F. *see* Gray, S. 12489
Cluitmans, P.J.M. *see* Habraken, J.B.A. 7440
Cluver, K., Gries, T., Hui Li, Noll, P. Real-time implementation of a CELP codec with unequal error protection 22981
Cluzeau, S., Le Tourneur, P. New neutron radiography facility using a sealed neutron tube generator GENIE 46 33797
Clymer, B. *see* Butzer, D. 5667
Cnudde, H. *see* Geoffroy, M. 21583
Co, S.-h. *see* Choy, C.-s. 18770
Coacolo, J.-C. *see* Dolique, J.-M. 7131
Coacolo, J.-L. *see* De Brion, J.-P. 38817
Coacolo, J.L. *see* Dolique, J.-M. 38819
Coacolo, J.L. *see* Joly, S. 44009
Coad, J.N.O. Audible noise design and testing for the DC hybrid link project 47469
Coad, J.N.O., Enblom, R., Berggren, S. Seismic design of HVDC converter station electrical equipment 47472
Coad, J.N.O., Young, A.H. HVDC transmission line uprating 47466
Coad, J.N.O. *see* Enblom, R. 32389
Coad, N., Berggren, S., Enblom, R. Seismic verification of the converter stations for New Zealand's upgraded DC hybrid link 7918
Coakley, F. *see* Hadjitheodosiou, M.H. 22590
Coakley, F. *see* Komisarczuk, P. 14186
Coakley, F. *see* Sun, Z. 5857
Coakley, F.P. *see* Yim, W.H. 22953
Coakley, J.W. *see* Addicott, G.W. 32318
Coakley, K.J., McClelland, J.J., Kelley, M.H., Celotta, R.J. Uncertainty intervals for polarized beam scattering asymmetry statistics 4000
Coan, B.A. Efficient agreement using fault diagnosis 22338
Coan, B.A., Heyman, D. Reliable software and communication III: congestion control and network reliability 37336
Coane, P., Chiong, K., Rothwell, M.B., Warnock, J., Cressler, J., Hohn, F., Thomson, M. Fully-scaled 0.25-micron bipolar technology using variable shaped electron beam lithography 2321
Coane, P.J. *see* Kwietniak, K.T. 2310
Coane, P.J. *see* Rosenfield, M.G. 27934
Coane, P.J. *see* Sachdev, H.S. 28047
Coates, A.B., Weiss, C.O., Green, C., D'Angelo, E.J., Tredicce, J.R., Brambilla, M., Cattaneo, M., Lugiato, L.A., Pirovano, R., Prati, F., Kent, A.J., Oppo, G.-L. Dynamical transverse laser patterns. II. Experiments 35650
Coates, A.B. *see* Brambilla, M. 35917
Coates, B., Davis, A., Stevens, K. The Post Office experience: designing a large asynchronous chip 10188
Coates, D., Barnett, R., Grindstaff, B. Life testing of space nickel-hydrogen battery cells 17240
Coates, D., Fox, C. Multiple advanced battery systems for electric vehicles 40622
Coates, D., Miller, L. Advanced batteries for electric vehicle applications 48333
Coates, D.K. *see* Smith, R.L. 17238
Coban, A. *see* Aksoy, A. 31674
Cobb, J.K. *see* Fischer, G.E. 15362
Cobb, T. *see* Dayton, G. 34294
Cobble, J.A. *see* Taylor, A.J. 20625
Cobbold, R.S.C. *see* Gibson, W.G.R. 16039
Cobden, D.H., Uren, M.J., Pepper, M. Dissipative tunneling in two-state systems at the Si/SiO_2 interface 19877
Cobianu, C., Popa, O., Dascalu, D. Electrical properties of interlevel deposited oxides related to polysilicon preparation 10780
Coblentz, D. *see* Temkin, H. 3591
Coblentz, D. *see* Zhao, J.H. 2509
Cobo, P., Carbo, R. Parametric equalization of sonar transducers by shaping pre-filtering and its effect on the directivity pattern 23229
Cobrunson, J. *see* Horowitz, M. 33939
Coburn, K. The dynamic UPS system 32765
Cocard, M. *see* Gruen, A. 39366
Cocchi, R., Shenker, S., Estrin, D., Lixia Zhang Pricing in computer networks: motivation, formulation, and example 45535
Cocciolo, P. *see* Cirillo, M. 35274
Cocco, D. *see* Li-Jun, L. 31811
Cocco, M., Dario, P., Toro, M., Pastacaldi, P., Sacchetti, R. An implantable neural connector incorporating microfabricated components 31987
Cochand, J.A. *see* Lewis, M.E. 39408
Cochet-Muchy, D. Growth of piezoelectric crystals by Czochralski method 41242
Cochlain, C.R.o., Mears, R.J. Low threshold tunable soliton source 3499
Cochlorius, E., Schafers, M., Wachsmann, K.-P. A top-down method for Risc processor design 18794
Cochran, D., Wei, C. Scale based coding of digital communication signals 12924
Cochran, D. *see* Bhouri, N.H. 22786
Cochran, L., Brule, L. RADARSAT mission control system development 32057
Cochran, W.T. *see* Chittipeddi, S. 2120
Cochran, W.T. *see* Chittipeddi, S. 2244
Cochran, W.T. *see* Chittipeddi, S. 2254
Cochrane, D. *see* Strick, L. 37297
Cochrane, D. *see* Strick, L. 37345
Cochrane, G., Zheng, Z.T., Smith, G.B. Optimization of the electrical and optical properties of ITO layers deposited by magnetron sputtering 33670
Cochrane, M. *see* Tripathi, V.K. 27169
Cochrane, P., Heatley, D.J.T., Smyth, P.P., Pearson, I.D. Optical telecommunications—future prospects 5896
Cochrane, P. *see* Butler, R. 5940
Cochrane, P. *see* Butler, R.A. 37333
Cochrane, P. *see* Hawker, I. 37275
Cochrane, S. *see* Liu, W.-T. 26185
Cociglio, M. *see* Barbero, E. 22626
Cocito, G. *see* Braglia, M. 20741
Cocito, G. *see* Griffioen, W. 3002
Cocivera, M. *see* Weng, S. 9672
Cocivera, M. *see* Weng, S. 18236
Cocivera, M. *see* Wynands, H. 34523
Cockburn, B.F. A 20 MHz test vector generator for producing tests that detect single 4- and 5-coupling faults in RAMs 10153
Cockburn, B.F. Deterministic tests for detecting single V-coupling faults in RAMs 41885
Cockburn, B.F. *see* Lin Shen 10161
Cockburn, D. Intelligent network operation and control systems [power system automation] 16253
Cockburn, D., McDonald, J.R., Burt, G., Brailsford, J.R., Beaton, J., Lo, K.L. Expert systems for online fault diagnosis in electrical power networks 24916
Cockerill, T.M., Forbes, D.V., Coleman, J.J., Beernink, K.J., Murison, R.F., Moore, A.H. High power InGaAs-GaAs 1064 nm strained layer lasers by metalorganic chemical vapor deposition (MOCVD) 20833
Cockerill, T.M., Forbes, D.V., Han, H., Turkot, B.A., Dantzig, J.A., Robertson, I.M., Coleman, J.J. Wavelength tuning in strained layer InGaAs-GaAs-AlGaAs quantum well lasers by selective-area MOCVD 43853
Cockrell, C.R. *see* Deshpande, M.D. 4036
Cockrell, C.R. *see* Shively, D.G. 29317
Cockrum, C.A. *see* de Lyon, T.J. 654
Cocorullo, G., Iodice, M., Rendina, I. All-silicon Fabry-Perot modulator based on the thermo-optic effect 43525
Cocurullo, F., Lavagetto, F., Moresco, M. Optimal clustering for vector quantizer design 13783
Cocurullo, F. *see* Moresco, M. 22194
Codenotti, B., Manzini, G., Margara, L., Resta, G. Global strategies for augmenting the efficiency of TSP heuristics 26327
Codina, G., Perez, J.R., Lopez-Atalaya, M., Vazquez, J.L., Aldaz, A. Development of a 0.1 kW power accumulation pilot plant based on an Fe/Cr redox flow battery. Part 1. Considerations on flow-distribution design 48087
Codino, A. *see* Bocciolini, M. 24082
Codner, G. *see* Ferrari, H. 15177
Cody, M.A. The wavelet packet transform 41041
Coe, S. *see* Braun, A. 30920
Coelho, A.S.Rodrigues *see* Rodrigues Coelho, A.S.
Coelho, C.N., Jr. *see* Filo, D. 34026
Coelho, R. *see* Bouguila, N. 4010
Coenen, F.P., Finch, I., Bench-Capon, T.J.M., Shave, M.J.R., Barlow, J.A. Autonomous communication using Aide de Camp 14250
Coenen, M.J. EMC workbench: testing methodology, module level testing and standardization 34323
Coenen, M.J. CAD EMC-design in microelectronics (finding the right balance) 36259
Coenen, S., Decreton, M. Feasibility of optical sensing for robotics in highly radioactive environments 15053
Coenen, S. *see* Decreton, M. 2450
Coenen, T.A.J.R.M. On elementary filters (IIR & FIR) for acquisition and tracking in GPS receivers 38193
Coey, M.D., Skomski, R. New magnets from interstitial intermetallics 20126
Coey, W.A., Villarroya-Arranz, A. The education of European engineers 17748
Cofer, H., Kozaitis, S.P. Target conditioning—a practical multisensor fusion tool 22232
Cofer, R.H., Kozaitis, S.P. Probabilistic IR modeling for Bayesian automatic object recognition 21926
Cofer, R.H. *see* Kozaitis, S.P. 4949
Cofer, R.H. *see* Kozaitis, S.P. 30118
Coffa, S., Poate, J.M. Diffusion and defects in amorphous silicon 10931
Coffa, S., Priolo, F., Franzo, G., Bellani, V., Carnera, A., Spinella, C. Er luminescence in Si: a critical balance between optical activity and pumping efficiency 10843
Coffeen, L. *see* Meliopoulos, A.P.S. 25062
Coffey, E.L. An "object-oriented" approach to GTD/UTD modeling 44292
Coffey, G.W. *see* Chick, L.A. 17347
Coffey, H.T. *see* Jian Liang He 48369
Coffey, J.T. *see* Kiely, A.B. 21468
Coffey, K.R. *see* Parker, M.A. 33667
Coffey, W.P., Miller, J.C., Sr., Jones, M.A., Sawhney, H.S. Upgrading continuous emissions monitoring (CEM) systems for utility units 16652
Coffin, J.P. *see* Maazouzi, C. 31746
Coffin, J.S., Prokoski, F.J., Riedel, R.B. Virtual Custody systems for improved house arrest and prison security 5809
Coffin, J.S. *see* Prokoski, F.J. 4962
Coffin, J.S. *see* Prokoski, F.J. 7365
Coffin, J.S. *see* Riedel, R.B. 6567
Coffin, J.T. *see* Tong, H.-M. 17919
Coffman, E.G., Jr., Halfin, S., Jean-Marie, A., Robert, P. Stochastic analysis of a slotted FIFO communication channel 36451
Coffman, E.G., Jr., Puhalskii, A.A., Reiman, M.I., Wright, P.E. Processor-shared buffers with reneging 37093
Cofie, P., Fuller, J., Ali, W. Simulation of ground surface potential due to grounding electrodes conducting fault current using PC-based software with batch files 32461
Cofield, J. *see* Goyal, R. 17892
Cogan, A.I., Sulak, F., Sooknanan, K., Thornton, N., Nakamura, T. Silicon FETs enter L-band power applications 1550
Cogan, J., Williams, D. Estimation of transmittance from satellite imagery 44365
Cogan, J.L. *see* Yee, Y.P. 44374
Cogeos, P. *see* Simon, D.M. 28532
Coggiola, G. *see* Mangano, A. 23537
Cogley, P. AT&T ISTEL's managed digital network service 45465
Coglianese, L., Smith, R. Core avionics domain analysis 39180
Coglianese, L., Smith, R., Tracz, W. DSSA case study: navigation, guidance, and flight director design and development 24422
Cognata, A. *see* Root, D.E. 2396
Cognata, A. *see* Root, D.E. 42861
Cogolludo, J.C., Rajasekaran, S. Permutation routing on reconfigurable meshes 45272
Cohee, G.A. *see* Heuszel, C.B. 8173
Cohen, A., Daubechies, I., Vial, P. Wavelets on the interval and fast wavelet transforms 33575
Cohen, A., Sackrowitz, H.B. Evaluating tests for increasing intensity of a Poisson process 18003
Cohen, A. *see* Nave, G. 31921
Cohen, A.S. *see* Balkarey, Yu. I. 12361
Cohen, B. *see* Mengue, S. 10529
Cohen, C. *see* Tag, M. 37288
Cohen, D. *see* Koren, G. 35275
Cohen, D. *see* Troccolo, P. 2289
Cohen, D.A. *see* Chuang, Z.-M. 20579
Cohen, D.M., Heyman, D.P. Performance modeling of video teleconferencing in ATM networks 37615
Cohen, E., Kashai, Y., Attiah, U. Providing fault coverage for the NS32AM160 using functional patterns 26989
Cohen, E.B. Analysis of a class of multi-stage, multistep Runge-Kutta methods 18088
Cohen, F.S., Jin-Yinn Wang Part I: Modeling image curves using invariant 3-D object curve models—a path to 3-D recognition and shape estimation from image contours 36984
Cohen, F.S., Kadambe, S., Boudreaux-Bartels, G.F. Tracking of unknown nonstationary chirp signals using unsupervised clustering in the Wigner distribution space 21713
Cohen, F.S. *see* Huang, Z. 22208
Cohen, F.S. *see* Jin-Yinn Wang 36985
Cohen, F.S. *see* Patel, M.A.S. 21948
Cohen, G. *see* Cohen, I. 40385
Cohen, G., Mora, T., Moreno, O. *(editors)* Applied Algebra, Algebraic Algorithms and Error-Correcting Codes. 10th International Symposium, AAECC-10 Proceedings 9082
Cohen, G.E. Operation and efficiency of large-scale solar thermal power plants 40055
Cohen, I. Evaluation and comparison of power conversion topologies 17020
Cohen, I., Cohen, G., Berg, D., Petsch, H. Digital concept for brushless AC motors servo amplifier 40385
Cohen, I. *see* Anderson, G. 38901
Cohen, I. *see* Cohen, L.D. 21951
Cohen, I. *see* Tang, W. 40311
Cohen, I.M. *see* Jog, M.A. 42344
Cohen, J. *see* Drake, L.A. 47127
Cohen, J.D. *see* Park, W. 34527
Cohen, J.L. *see* Bernardin, J.P. 12376
Cohen, J.W. Complex functions in queueing theory 5205
Cohen, L. Instantaneous scale and the short-time scale transform 13368
Cohen, L. The scale representation 44965
Cohen, L.D., Breuer, K. A fast-tuned, injection locked, DDS-based local oscillator for the 3.6 to 4.1 GHz frequency range 1540
Cohen, L.D., Cohen, I. Finite-element methods for active contour models and balloons for 2-D and 3-D images 21951
Cohen, L.D. *see* Levy, J.S. 7688
Cohen, L.T. *see* McDermott, H.J. 24350
Cohen, M. *see* Charbonnier, A. 14459
Cohen, M. *see* Kronik, L. 35935
Cohen, M. *see* Morgan, N. 21671
Cohen, M. *see* Renals, S. 36621
Cohen, M.J. *see* Dong-Su Kim 46452
Cohen, M.M. *see* Massaro, D.W. 4508
Cohen, P.I. *see* Dabiran, A.M. 33613
Cohen, P.I. *see* de Boer, M.P. 33668
Cohen, R. One-bit delay in ring networks 5231

Cohen, R., Ofek, Y. Label swapping routing with self-termination 5252
Cohen, R. *see* Huff, J.R. 40071
Cohen, R.J. *see* Mizuta, H. 36749
Cohen, R.M. *see* Huang, K.T. 41273
Cohen, S. *see* Sturrock, J.C. 15671
Cohen, S.L. Preparation of hydrogen passivated silicon for UHV-CVD low temperature epitaxy 34702
Cohen, U. A stictionless soft overcoat for non-textured media 2829
Cohen, U. A self-aligned ion beam pole trimming process for TFH 2835
Cohen, U. Selective wet chemical etching of the coil seed-layer in TFH fabrication 2836
Cohen, V. Electrical shock and fire hazard protection: conquering the limitations 32967
Cohen-Solal, G. *see* Rouhani, M.D. 42833
Cohen-Tenoudji, F. *see* Bordier, J.M. 9852
Cohn, A., Nakhamkin, M. Performance and economic characteristics of compressed-air storage with air humidification (CASH) power plant with integrated gasification and natural gas firing 8134
Cohn, A. *see* Wolk, R.H. 32759
Cohn, D., Riskin, E.A., Ladner, R. Theory and practice of vector quantizers trained on small training sets 36988
Cohn, D.L. *see* Moody, J. 4822
Cohn, D.R. *see* Woskov, P.P. 38661
Cohn, H. *see* Young, K.G. 7242
Cohn, J.L. *see* Soulen, R.J., Jr. 11544
Cohn, M. *see* Storer, J.A. *(editor)* 5
Cohoon, J.P. *see* Varanelli, J.M. 18043
Coianiz, T., Aste, M. Improving robot's indoor navigation capabilities by integrating visual, sonar and odometric measurements 29825
Coic, H. *see* Roblin, M.L. 28983
Coic, Y.M. *see* Ferlet-Cavrois, V. 41904
Coico, P., Pompeo, F., Toy, H., Wu, F. Multi-chip module encapsulation technologies at IBM 9283
Coifmam, R.R. Adapted waveform analysis, wavelet-packets and local cosine libraries as a tool for image processing 22104
Coifman, R. *see* Aharoni, G. 22113
Coifman, R. *see* Barouch, E. 2320
Coifman, R.R. Adapted waveform analysis, wavelet-packets and local cosine libraries 36784
Cointot, D. Tangara/RD: a cost-effective solution for rural networks 22812
Coirault, P. *see* Pincon, J.P. 8441
Coiro, O. *see* Bassetti, M. 7055
Coiro, S. *see* Barbieri, A. 22946
Cojocaru, V.I., Brazil, T.J. Modelling the gate capacitances of MESFETs and HEMTs from low-frequency C-V measurements 27221
Cojocary, I. *see* Andriesh, A. 3796
Coker, D. *see* Turanli, N. 9411
Cokkinides, G. *see* Meliopoulos, A.P.S. 25058
Cokkinides, G.J. *see* Meliopoulos, A.P.S. 25062
Cokkinides, G.J. *see* Meliopoulos, A.P.S. 47351
Col, V.Dal *see* Dal Col, V.
Colajanni, M. *see* Angelaccio, M. 33539
Colak, D., Nosich, A.I., Altintas, A. Radar cross-section study of cylindrical cavity-backed apertures with outer or inner material coating: the case of E-polarization 38135
Colak, I., Garvey, S., Wright, M.T. Estimation of the induction machine parameters for simulation of a mixed-frequency test 8411
Colak, I., Garvey, S., Wright, M.T. Mixed-frequency testing of induction machines using inverters 16856
Colangeli, P. *see* Lacan, P. 32055
Colard, M.I., Michiels, H., Pirard, A. Increasing human reliability in nuclear power station operation: the Belgian situation 25128
Colard, M.I., Michiels, H., Pirard, A. Increasing human reliability in nuclear power station operation: the Belgian situation 39807
Colautti, P. *see* Segur, P. 46925
Colavita, A. *see* Bocciolini, M. 24082
Colbeth, R.E. *see* La Rue, R.A. 34272
Colbourn, C.J. *see* Devitt, J.S. 30485
Colbourne, E.B., Helbig, J., Cumming, D. Improved ADCP performance using a hydrodynamically designed boom mount 7635
Colburn, D.A. *see* Darnell, J.L. 48377
Colburn, T.G. *see* Davis, A.B. 32613
Colby, D. *see* Gesley, M. 27869
Colby, D. *see* Gesley, M. 27915
Colby, E.R. *see* Eylon, S. 23983
Colby, R.S., Otto, M.D., Boys, J.T. Analysis of LCI synchronous motor drives with finite DC link inductance 8822
Colcy, J.-N., Steinhauser, R. EUTELTRACS - the European experience on mobile satellite services 37926
Coldfarb, D., Jianxiu Hao On the maximum capacity augmentation algorithm for the maximum flow problem 9422
Coldren, L.A. *see* Barron, C.C. 20403
Coldren, L.A. *see* Barron, C.C. 28510
Coldren, L.A. *see* Chuang, Z.-M. 20579
Coldren, L.A. *see* Chuang, Z.M. 37983
Coldren, L.A. *see* Corzine, S.W. 20837
Coldren, L.A. *see* Geels, R.S. 43851
Coldren, L.A. *see* Green, P.E., Jr. 5560
Coldren, L.A. *see* Heimbuch, M.E. 41440
Coldren, L.A. *see* Hu, S.Y. 12091
Coldren, L.A. *see* Huang, T.C. 28511
Coldren, L.A. *see* Jayaraman, V. 12170
Coldren, L.A. *see* Law, K.-K. 3145
Coldren, L.A. *see* Majewski, M.L. 35849
Coldren, L.A. *see* Mui, D.S.L. 27744
Coldren, L.A. *see* Peters, F.H. 35814
Coldren, L.A. *see* Peters, M.G. 20807
Coldren, L.A. *see* Peters, M.G. 35889
Coldren, L.A. *see* Thibeault, B.J. 20770
Coldren, L.A. *see* Young, D.B. 12194
Coldren, L.A. *see* Young, D.B. 35915
Coldren, M.R., Jancauskas, J.R. CAA forces utilities to re-evaluate station service 25196
Cole, B. *see* Bourianoff, G. 46703
Cole, B. *see* Gingras, R.L. 23177
Cole, B.E., Horning, R.D., Kruse, P.W. $PbTiO_3$ films deposited by an alternating dual-target ion beam sputtering technique 9777
Cole, B.F. *see* Guo-Chun Liang 34222
Cole, B.F. *see* Liang, G.-C. 6753
Cole, D.C. *see* Barouch, E. 2358
Cole, E.I., Jr. *see* Campbell, A.N. 35049
Cole, E.I., Jr. *see* Campbell, A.N. 43043
Cole, G. *see* Dawson, J.F. 36245
Cole, H.S. *see* Gorczyca, T.B. 393
Cole, H.S. *see* Paik, K.W. 18315
Cole, J.D. *see* Cormier, T.M. 24114
Cole, J.D. *see* Cormier, T.M. 24116
Cole, J.P. Minimize BER in microwave comint receivers 22753
Cole, J.R. *see* Anderson, B.M. 5515
Cole, M. *see* Debiak, T.W. 38834
Cole, M.S. *see* Banks, D.R. 34400
Cole, M.W., McLane, G.F., Eckart, D.W., Meyyappan, M. A comparative materials study of magnetron ion etched GaAs using freon-12, $SiCl_4$ and BCl_3 10942
Cole, M.W. *see* Han, W.Y. 19427
Cole, M.W. *see* Lee, H.S. 1937
Cole, M.W. *see* McLane, G. 10900
Cole, N.G. Asymmetric digital subscriber line technology—a basic overview 22698
Cole, P.D. *see* Crean, G.M. 10758
Cole, R. *see* Andrews, M. 13946
Cole, R.E. *see* Ikehara, C. 23817
Cole, R.E. *see* Ikehara, C. 23820
Cole-Hamilton, D.J. *see* Foster, D.F. 33607
Cole-Hamilton, D.J. *see* Foster, D.F. 41287
Cole-Hamilton, D.J. *see* Hoare, R.D. 41373
Colef, M., Barba, J. NTSC component separation via Hadamard transform 36932
Colella, B.D. *see* Marcus, S. 46103
Coleman, B.J. The role of the union in R&D 17773
Coleman, C.C. *see* Clark, D.J. 48046
Coleman, G.E., Kisilevsky, B.S., Muir, D.W. FHR digitizer: a HyperCard tool for scoring fetal heart rate records 24291
Coleman, G.M. *see* Tilson, P.G. 16493
Coleman, J.J., Beernink, K.J. Experimental gain characteristics and barrier lasing in strained-layer InGaAs-GaAs-AlGaAs quantum well heterostructure lasers 35817
Coleman, J.J. *see* Cockerill, T.M. 20833
Coleman, J.J. *see* Cockerill, T.M. 43853
Coleman, J.J. *see* Fang, Z.J. 35883
Coleman, J.J. *see* Smith, G.M. 20783
Coleman, L.W., Garret, R.T. Development of an end-use monitoring system 8022
Coleman, M.A. *see* Berliner, T.T. 39506
Coleman, R. *see* Moore, C.D. 15401
Coleman, R.E. *see* Gilland, D.R. 7357
Coleman, R.E. *see* Li, J. 7358
Coleman, R.E. *see* Turkington, T.G. 15751
Coleman, R.E. *see* Wang, H. 15762
Coleman, R.V., Xue, Q., Gong, Y., Price, P.B. Atomic force microscope study of etched tracks of low-energy heavy ions in mica 15656
Coleman, S.S. *see* Wood, D.C.M. 22344
Coleman, W.E. Photochemically etched stencils for ultra-fine-pitch printing 34357
Coleman, Z. *see* Phillips, N.J. 36053
Coleman, Z.A. *see* Phillips, N.J. 12490
Coleman, Z.A. *see* Phillips, N.J. 36055
Coleridge, P.T. *see* Sachrajda, A. 42532
Coleridge, P.T. *see* Taylor, R.P. 42781
Coles, A.N. *see* Constable, J.A. 12147
Coles, A.N. *see* Constable, J.A. 20865
Coles, B.J. *see* Makin, B. 8469
Coles, C. *see* Oliveira, P. 16207
Coles, G.S.V. *see* Mousa-Bahia, A.A. 6658
Coles, G.S.V. *see* Williams, G. 6635
Coles, M.W. *see* Kiseon Kim 20221
Coles, P.C., Fracchia, M., Hill, R.J., Pozzobon, P., Sciutto, G. Modelling and simulation of supply current interference in traction systems arising from multi-level converters in high-power locomotive drives 8929
Coles, P.C. *see* Hill, R.J. 48381
Coles, S. *see* Meiling, J. 46625
Colestock, M.A. Wavelets—a new tool for signal processing analysts 36714
Colestock, P.L., Jackson, G.P., Klamp, L. Observation and analysis of nonlinear parametric coupling of longitudinal modes in synchrotrons 15360
Colet, P., Mirasso, C.R., Miguel, M.S. Memory diagram of single-mode semiconductor lasers 12117
Coletti, G., Guastavino, F. An experimental testing procedure to study the resistance to partial discharges of thin polymeric films 2725
Coley, W.R. *see* Anderson, P.C. 47269
Colgan, E.G., Rodbell, K.P. The role of Cu distribution and Al_2Cu precipitation on the electromigration reliability of submicrometer Al(Cu) lines 42775
Colgan, E.G., Rodbell, K.P., Vigliotti, D.R. The effect of annealing on the Cu distribution of Al_2Cu precipitation in Al(Cu) thin films 34837
Colgan, E.G. *see* Kotecki, D.E. 41487
Colgan, T. *see* Jager, F. 37858
Colgate, J.E. Robust impedance shaping telemanipulation 22501
Colgate, J.E., Matsumoto, H., Wannasuphoprasit, W. Linear electrostatic actuators: gap maintenance via fluid bearings 29110
Colignon, P. *see* Claessens, P. 17541
Colin, B. *see* Saby, C. 6607
Colin, M., Sales, B. (N)-LMP: an architecture for the OSI lower layers management 14141
Colin, T. *see* Bouchut, P. 12207
Colin, T. *see* Skauli, T. 41321
Colin, Y. *see* Sehil, H. 19846
Colinas, C. *see* Giuliano, A. 24795
Colineau, J. A new approach to tape recording 31061
Colinge, J.P., Flandre, D., Van de Wiele, F. Subthreshold slope of long-channel, accumulation-mode p-channel SOI MOSFETs 28126
Coll, D.C. *see* Wu, Y. 5107
Coll, F. *see* Vehi, J. 34302
Coll, P., Robert, M., Regnier, X., Auvergne, D. Process characterisation with dynamic test structures 1118
Coll, P. *see* Krug, P.A. 36061
Collar, A.J. *see* Davies, I.G.A. 28880
Collar, A.J. *see* Goodwin, A.R. 20838
Collar, J.I., Girard, T.A., Waysand, G. A Monte Carlo study of metastable superconducting detectors based on distributions of large volume grains 24047
Collar, J.I. *see* Girard, T.A. 24045
Collart, E.J.H. *see* Baggerman, J.A.G. 27836
Colle, T. *see* Schroedl, M. 48325
Colledani, D. *see* Benvenuti, A. 7252
Collenberg, F. *see* Simon, K. 33484
Coller, J. *see* Abe, K. 7260
Coller, J. *see* Abe, K. 15619
Coller, J. *see* Abe, K. 46930
Colleran, E.K. *see* Cronin, F.J. 22390
Colleran, W.T., Abidi, A.A. A 10-b, 75-MHz two-stage pipelined bipolar A/D converter 42001
Colleran, W.T., Phan, T.H., Abidi, A.A. A 10 b, 100 Ms/s pipelined A/D converter 27023
Collet, J. *see* Bon, J.L. 33430
Collet, J. *see* Brugel, N. 3789
Collet, J.H. *see* Gouaichault-Brugel, N. 35988
Collet, J.H. *see* Nardo, L. 3263
Collet, L. Successive evolutions of a 20 kV network 47339
Collette, R.J. *see* Smith, R.C. 8184
Collette, T., Essafi, H., Juvin, D., Kaiser, J. SYMPATIX: a simd computer for image processing 22283
Colley, A.D. *see* Baker, H.J. 11946
Colley, A.D. *see* Hornby, A.M. 11955
Colley, J.D., Gray, S.M., Meadows, M.L. Analysis of Clean Air Act Amendments—Phase I scrubber projects 8133
Colley, R.W. *see* Khadem, M. 32615
Collier, C.G. *see* Cheng, M. 15999
Collier, J.G. 1994 Starting a new era for nuclear power 39816
Collier, P. *see* Bailey, R. 15273
Collier, P. *see* Buur, G. 7082
Collier, W. *see* Britton, C.L., Jr. 46993
Collin, A., Butel, P. STN 155-H radio-relay system for the Synchronous Digital Hierarchy 37727
Collin, M.-F., Krishen, K., Pesty, R. Multiple sensor data integration for space operations 23565
Collin, R.E. Scattering of an incident Gaussian beam by a perfectly conducting rough surface 44325
Collin, R.E. *see* Toncich, S.S. 4183
Collin, R.E. *see* Toncich, S.S. 12712
Collin, R.E. *see* Toncich, S.S. 42140
Colling, P., Nucciotti, A., Seidel, W., Probst, F., Cooper, S., Dummer, D., Ferger, P., Frank, M., Igalson, J., Nagel, U., Rulofs, A., Stodolsky, L. Superconducting tungsten films for use as phase transition thermometers for calorimetric detectors 20190
Colling, P. *see* Ferger, P. 38850
Colling, P. *see* Frank, M. 24026
Colling, P. *see* Nagel, U. 24049
Collingham, R.J., Garigliano, R. A word lattice parsing algorithm for naturally spoken English 7490
Collings, N., Sumi, R., Weible, K.J., Acklin, B., Xue, W. The use of optical hardware to find good solutions of the travelling salesman problem (TSP) 11765
Collings, N. *see* Bagnoud, C. 3260
Collins, A.L., Collins, M.W. Tomographic reconstruction techniques for the analysis of holographic interferograms 12475

Collins, A.T. Optical and electro-optical applications of diamond 43623
Collins, A.T. *see* Freitas, J.A., Jr. 3320
Collins, C.B. *see* Sinor, T.W. 7309
Collins, D. *see* Arshak, K.I. 38464
Collins, D.A. *see* Feenstra, R.M. 42538
Collins, F.M., Mathias, W.M. New, precision high voltage divider networks 47978
Collins, G. *see* Abbott, B. 7245
Collins, G.E. *see* Pankow, J.W. 19271
Collins, G.J. *see* Koshida, N. 20543
Collins, H. *see* LaRosa, C. 27343
Collins, J., Kossler, R.D. Object oriented simulation design of a ray tracing model of scattering on a helicopter 29169
Collins, J. *see* Caussyn, D.D. 7026
Collins, J. *see* Caussyn, D.D. 38778
Collins, J. *see* Ellison, M. 38779
Collins, J. *see* Huang, H. 23976
Collins, J. *see* Lee, S.Y. 7040
Collins, J. *see* Li, D. 6973
Collins, J. *see* Thurlow, A. 43386
Collins, J.S., Trauth, E.M. Preparing information systems professionals for a world economy: challenging perceptions about telecommunications 26108
Collins, J.V. *see* Jones, C.A. 35445
Collins, J.V. *see* Williams, D.L. 35918
Collins, M.D., Fialkowski, L.T., Kuperman, W.A., Perkins, J.S. Environmental source tracking 24507
Collins, M.W. *see* Collins, A.L. 12475
Collins, N. *see* Dunham, S.T. 46569
Collins, O.M., Hizlan, M. Determinate state convolutional codes 36564
Collins, P. *see* Kuroda, Y. 32012
Collins, P.R. *see* Patel, A.K. 13825
Collins, R.A., Abass, A.K. Electrical switching in Au-PbPc-Au thin film sandwich devices 1972
Collins, R.A. *see* Parr, A.T.J. 15102
Collins, R.T., Tischler, M.A. Porous silicon sheds a new light on OEICs 3323
Collins, R.T. *see* Beach, D.B. 41489
Collins, R.T. *see* Iyer, S.S. *(editor)* 44
Collins, R.T. *see* Tischler, M.A. *(editor)* 17744
Collins, R.W., Ilsin An, Heyd, A.R., Li, Y.M., Wronski, C.R. Real-time spectroscopic ellipsometry monitoring of semiconductor growth and etching 2166
Collins, R.W. *see* Lu, Y. 9698
Collins, R.W. *see* Wronski, C.R. 27490
Collins, S. Gas turbines and combined-cycle systems 8224
Collins, S. Experience base grows for co-firing waste fuels 25198
Collins, S. Advanced gas turbines. Centerpiece of today's power cycles 39993
Collins, S. *see* Bernacki, S. 35199
Collins, S.F., Huang, W.X., Murphy, M.M., Grattan, K.T.V., Palmer, A.W. A simple laser diode ranging scheme using an intensity modulated FMCW approach 23214
Collins, S.F., Huang, W.X., Murphy, M.M., Grattan, K.T.V., Palmer, A.W. A simple laser diode ranging sensor 36090
Collins, S.F. *see* Kaddu, S.C. 38544
Collins, S.F. *see* Petreski, B.P. 38026
Collins, S.M. *see* Sonka, M. 29826
Collins, S.R. *see* Barnett, A.M. 48125
Collins, W.E. *see* George, M.A. 2108
Collinson, G., Jones, M. A novel technique for measuring small signal S-parameters of an RF/microwave transistor, power amplifying stage for use in power amplifier stability analysis 1549
Collis, S. Methodology borrowed from software domain [VHDL] 41751
Collischon, M., Haidner, H., Kipfer, P., Sheridan, J.T., Schwider, J. Diffractive optical elements for high power CO_2 laser applications 12297
Collman, J.P. *see* Holcomb, M.J. 6824
Collmar, W. *see* Schonfelder, V. 7146
Collomb, C., Fadel, M., Cheron, Y., Hapiot, J.C. Series resonant converter control: stability and robustness induced by using standard regulators 17062
Collot, P. *see* Nguyen-Van-Dau, F. 15029
Collura, T.F., Jacobs, E.C., Braun, D.S., Burgess, R.C. EView—a workstation-based viewer for intensive clinical electroencephalography 24270
Colluza, C. *see* Srivastava, P.C. 28080
Colman, A.H. *see* Thelen, E. 7761
Coln, M.C.W. *see* Miller, G.A. 27018
Colnago, G. *see* Gallucci, F. 26229
Colocci, M. *see* Beaumont, S.P. 15637
Coloma, J., Carrasco, R.A. Adaptive algorithms for MCD applications over Rician fading channels 22781
Coloma, J., Carrasco, R.A. MLP equaliser for frequency selective time-varying channels 44956
Colombano, S. *see* Frainier, R. 47173
Colombant, D.G., Lau, Y.Y., Krall, J. Modelling of some novel configurations of relativistic klystron amplifiers (RKA) 19300
Colombeau, B. *see* Saviot, F. 20751
Colombi, J., Krepp, D., Rogers, S., Ruck, D., Oxley, M. Multisensor user authentication 29546
Colombo, A. *see* Bogliani, P. 48356
Colombo, B.L., Dragoni, C. Overvoltages in MV systems and protective devices 32484
Colombo, B.L., Mocci, F. Feeding techniques of safety and storage systems 8606
Colombo, C., Del Bimbo, A., Santini, S. Optical flow through relaxation in the velocity space 45183
Colombo, C. *see* Benedetto, V. 14413
Colombo, E., Koltunowicz, W., Pigini, A. Optimal test combination for site testing [of GIS] 48020
Colombo, E., Koltunowicz, W., Pigini, A. Sensitivity of electrical and acoustical methods for GIS diagnostics with particular reference to on site testing 48021
Colombo, G. *see* Gulloch, W. 5734
Colombo, G. *see* Podolak, T. 14447
Colombo, L. *see* Peressi, M. 34569
Colombo, R. *see* Di Donna, G.B. 14442
Colombo, R. *see* Pinna, G. 39057
Colombo, S. *see* Lebender, B. 22450
Colomer, M.T., Jurado, J.R., Marques, R.M.C., Marques, F.M.B. Evaluation of titania doped YSZ for SOFC anodes 17363
Colomina, I. A note on the analytics of aerial triangulation with GPS aerial control 39363
Colonna, G., Longo, S., Capitelli, M. Fourier transform sensitivity analysis of a model of XeCl selfsustained discharge laser 11987
Colonna, N., Lisi, E. An analytical method for position reconstruction in two-dimensional position-sensitive silicon detectors 24081
Colosi, T. *see* Chindris, M. 34196
Colot, O. *see* Oliver, C. 4688
Colpaert, C. *see* Maximus, B. 11693
Colsher, R. *see* Mukherji, A. 32514
Colstoun, F.Brown de *see* Brown de Colstoun, F.
Colter, M. *see* Beneking, G. 41433
Coltrin, M.E., Dandy, D.S. Analysis of diamond growth in subatmospheric DC plasma-gun reactors 18253
Coltun, R. *see* Sidhu, D. 30250
Columbia, M.R., Thiel, P.A. Coadsorption of water and formic acid on Pt (111) [fuel cells] 17306
Columbus, D., Hossfeld, J., Tschudi, T. Computer generated holograms based on liquid crystal cells 36065
Columbus, D. *see* Hossfeld, J. 3920
Coluzza, C. *see* McKinley, J.T. 44082
Colvard, C. *see* Hamilton, D. 34487
Colville, F.G., Ebrahimzadeh, M., Sibbett, W., Dunn, M.H. Continuous-wave LiB_3O_5 optical parametric oscillator pumped by a tunable Ti:sapphire laser 44069
Colville, F.G., Padgett, M.J., Dunn, M.H. Continuous-wave, dual-cavity, doubly resonant, optical parametric oscillator 44054
Colvin, M.E. *see* Eeckman, F.H. 13604
Colwell, J.H. *see* Soulen, R.J., Jr. 11544
Colwell, J.H. *see* Soulen, R.J., Jr. 46656
Colwell, M. *see* Buchholz, V. 16329
Colzi, E., De Gaudenzi, R., Elia, C., Gianenetti, F., Viola, R. Diversity reception for advanced multi-satellite networks: a CDMA approach 37085
Comas, J. *see* Steiner, B. 11252
Comas, J. *see* Tseng, W.F. 713
Comaskey, B., Albrecht, G., Beach, R., Velsko, S., Sutton, S., Mitchell, S., Petty, C., Jancaitis, K., Benett, W., Freitas, B., Solarz, R. A one kilowatt average power diode pumped Nd:YAG folded zigzag slab laser 20713
Comaskey, B., Albrecht, G.F., Beach, R.J., Moran, B.D., Solarz, R.W. Flash-lamp-pumped laser operation of Nd^{3+}:Y_2SiO_5 at 1.074 μm 12085
Combe, M.B., Boxma, O.J. Optimization of static traffic allocation policies 37115
Combe, M.B. *see* Boxma, O.J. 5209
Combe, P. *see* Bellissard, J. 33861
Combemale, Y., Deborgies, F., Maillot, P. Rugged optical submodules for microwave applications 5912
Comber, P.G.Le *see* Le Comber, P.G.
Combes, J.-P., Dubois, J.-F., Godin, R. The lifetime project for nuclear power stations 8064
Combes, L. *see* Dutronc, P. 6656
Combes, P., Renard, B., Bouma, W., Velthuijsen, H. Formalisation of properties for feature interaction detection 37617
Combes, P.F. *see* Wallez, C. 47289
Combescure, C. *see* Chehouani, H. 9733
Combescure, C. *see* Henry, F. 9760
Combettes, P.L., Edmonson, W.W. What is a good estimate? 13257
Combley, F.H. *see* Beaumont, S.P. 15637
Combs, W.E. *see* Kosier, S.L. 34922
Combs, W.E. *see* Nowlin, R.N. 34923
Comby, G., Lehar, F., Chassaing, E., Lorthioir, G. Status of the ceramic multichannel PM tube 42376
Comby, G. *see* Cushman, P. 24012
Comby, G. *see* Hulbert, M. 7206
Comeau, M.J. *see* Ehrhard, D.G. 23086
Comedi, D., Zhao, J., Jankowska, K., Thompson, D.A., Simmons, J. High-resistivity regions in *n*-type InGaAsP produced by $^4He^+$ ion bombardment at 80 and 300 K 10666
Comegys, G.L. *see* Miller, N.W. 24711
Comelisse, L.E., Jamieson, D.G. Advanced clinical audiometry: measuring residual auditory capacity using a standard audiometer under computer control 15695
Comer, M.L. *see* Cook, G.W. 4906
Comerford, R. A quick look at rapid prototyping 159
Comeron, A. *see* Fernandez, E. 14566
Comeron, A. *see* Pradell, L. 30649
Comes, S., Macq, B., Van Caillie, B. Signal-adapted subband coding for video distribution 13811
Comes, S. *see* Macq, B. 36813
Comfort, J. *see* Crabbe, E. 19072
Comfort, J. *see* Shahidi, G.G. 11305
Comfort, J.H. *see* Arienzo, M. 11161
Comfort, J.H. *see* Crabbe, E.F. 11146
Comfort, J.H. *see* Pelella, M.M. 11171
Comforti, E. *see* Chechik, R. 46868
Cominetti, M. DAB (Digital Audio Broadcasting): a technological innovation for sound broadcasting 14752
Comito, J. *see* Lin, T.-T.Y. 17906
Commara, M.La *see* La Commara, M.
Comodi, P., Zanazzi, P.F. Improved calibration curve for the Sm^{2+}:BaFCl pressure sensor 15240
Comon, P. Blind identification in presence of noise 13442
Comon, P. Independent component analysis, a new concept? 45026
Comon, P. *see* Chaumette, E. 6141
Comon, P. *see* Chaumette, E. 24452
Compaan, A., Tabory, C.N., Shao, M., Li, Y., Fischer, A., Feng, Z., Bohn, R.G. Cadmium telluride thin-film solar cells by pulsed-laser deposition 25701
Compaan, A. *see* Rajakarunanayake, Y. 18171
Compagner, K.M. *see* Krose, B.J.A. 38710
Compagnone, D., Federici, G., Scarciglia, L., Palleschi, G. Amperometric glutathione electrodes 6616
Comparetto, G.M. A technical comparison of several global mobile satellite communications systems 30635
Compernolle, D.Van *see* Van Compernolle, D.
Compton, C. *see* Devore, J. 41674
Compton, J. *see* Eckersall, K.R. 10354
Compton, J. *see* Taylor, G.E. 27093
Compton, K. Selling monochrome in an age of color [display devices] 6705
Compton, M. *see* Frainier, R. 47173
Compton, P. *see* Walton, P.W. 46522
Compton, R.C. *see* Davidson, A.C. 36439
Compton, R.C. *see* Hur, K.Y. 11245
Compton, R.C. *see* Hur, K.Y. 28192
Compton, R.C. *see* Kolias, N.J. 1561
Compton, R.C. *see* Martinez, R.D. 36443
Compton, R.T., Jr. *see* Jian Li 36643
Compton, R.T., Jr. *see* Li, J. 13218
Compton, T.M. *see* Walling, R.A. 25496
Comstock, B. Die attach epoxy's role in thin package delamination 33361
Comstock, C.S. *see* Ranmuthu, I.W. 10123
Comstock, C.S. *see* Ranmuthu, I.W. 11506
Comstock, C.S. *see* Ranmuthu, K.T.M. 43295
Comte, D. *see* Churoux, P. 11752
Comte, R., Verdeyme, S., Guillon, P. New concept for low-loss microwave devices 42146
Comunale, G. *see* Longo, S. 20632
Comunale, R.A. *see* Casey, J.D. 46549
Concannon, M. *see* Ishizaki, K. *(editor)* 26021
Conciauro, G. *see* Bressan, M. 12698
Condat, J.-B. Toll fraud on French PBX systems 40844
Conde, C.A.N., Dos Santos, J.M.F., Bento, A.C.S.S.M. New concepts for the design of large area gas proportional scintillation counters 7241
Conde, C.A.N. *see* dos Santos, J.M.F. 31805
Conde, C.A.N. *see* Veloso, J.F.C.A. 1813
Conde, J. *see* Schwarz, R. 34500
Conde, J.P. *see* Brogueira, P. 26486
Conde, J.P. *see* Liu, J.Z. 28594
Conde, M.E. *see* Bekefi, G. 43698
Conder, A., Mitchell, R., Schulte, H. A fast frame rate 512×512 CCD digital camera system 6573
Condie, L. Phase space behaviour of speech 4562
Condie, L. Prime generation with the Demytko-Miller-Trbovich algorithm 18018
Conejo, A., Gomez, T., da la Fuente, J.I. Pilot-bus selection for secondary voltage control 7843
Conen, W. *see* Klefenz, F. 15666
Conen, W. *see* Klefenz, F. 38892
Conese, T. *see* Armenise, M.N. 3247
Conese, T. *see* Castagnolo, B. 14562
Confin, A. *see* Arnaudon, H. 46878
Confuorto, N. *see* Staudt, J.E. 32709
Cong, J., Ding, Y. An optimal technology mapping algorithm for delay optimization in lookup-table based FPGA designs 26858
Cong, J., Kahng, A.B., Robins, G. Matching-based methods for high-performance clock routing 9900
Cong, J., Yuzheng Ding FlowMap: an optimal technology mapping algorithm for delay optimization in lookup-table based FPGA designs 26892
Cong, J. *see* Iman, S. 19945
Cong, J.S. *see* Zhou, D. 26547

Cong, S. *see* Patterson, O.D. 26412
Cong, Y.S. *see* Eyink, K.G. 33603
Cong Bin *see* Bin Cong
Cong Zhixian *see* Zhang Xiaobo 20884
Cong-Kha Pham, Shono, K. A hardware accelerator for design-rule checking in a bit-mapping CAD system 18418
Conger, J., Peczalski, A., Shur, M.S. Modeling frequency dependence of GaAs MESFET characteristics 43019
Congleton, H., Root, R.E. TRB assembly—a soft-tooled approach to device pre-test and interconnection 1763
Congshan Zhu *see* Zhu Congshan
Congxin Ren *see* Ren Congxin
Conibeer, G.J., Willoughby, A.F.W., Hardingham, C.M., Sharma, V.K.M. Zinc diffusion in gallium antimonide 42637
Coniglio, J. Guide to plastic enclosure shielding 21270
Conley, J.F., Jr., Lenahan, P.M. Molecular hydrogen, E′ center hole traps, and radiation induced interface traps in MOS devices 34631
Conley, R. GPS performance: what is normal? 46142
Conley, S.N. *see* Mortensen, K.P. 39911
Conley, W., Brunsvold, W., Ferguson, R., Gelorme, J., Holmes, S., Martino, R., Petryniak, M., Rabidoux, P., Sooriyakumaaran, R., Sturtevant, J. Negative DUV photoresist for 16 Mb-DRAM production and future generations 11056
Conley, W., Eib, N., Plat, M., Smith, R. Characterization enhancements in resist photospeed 42816
Conley, W. *see* Sachdev, H. 28046
Conley, W.E. *see* Allen, R.D. 11069
Conley, W.E. *see* Allen, R.D. 11103
Conlon, R.F.B., Turner, J.A. Reliability testing of polyimides for GaAs MMIC applications 19109
Conn, D. *see* Wu, X. 6275
Conn, R.M., Tague, J.A. Underwater source localization with a generalized likelihood ratio processor 44909
Connaughton, M. *see* Russell, H.J., III 6007
Conneen, T.P. *see* Jianzhong Tong 32199
Connell, D.G. *see* Tonndorf, M.L. 47109
Connell, G.A.N. *see* Paul, W. 27631
Connelly, B. The Westinghouse Series 1000 Mobile Phone: technology and applications 37635
Connelly, E., Myers, K., Wreathall, J. Measures of effectiveness for NPP training programs using subject matter experts 39791
Connelly, J.A. *see* Dowlatabadi, A.B. 10376
Connelly, J.A. *see* Hall, J.W. 10286
Connelly, J.A. *see* Holman, W.T. 9993
Connelly, J.A. *see* Thain, W.E. 10033
Conner, D. Vendor-independent design tools: finding the right approach to FPGA design 26909
Conner, D. Submicron technologies require floorplanning 33963
Conner, D. EMC-design tools 42288
Conner, M.I. *see* Moskal, P., Jr. 32420
Conner, P. *see* Vaseghi, S.V. 13135
Conner, P.N. *see* Vaseghi, S.V. 4468
Conners, M.K. *see* Choi, H.K. 28861
Connolly, A., Srajber, D. IGBT PWM converter with current capability from 400 A to 2000 A 47982
Connolly, A., Srajber, D. IGBT PWM converter with current capability from 400 A to 2000 A 47995
Connolly, B. The fax modem alternative: new modems for online searching and electronic information transfer 30564
Connolly, F.T., Yagle, A.E. Modeling and identification of the combustion pressure process in internal combustion engines 44944
Connolly, J.C. *see* Abeles, J.H. 20863
Connolly, J.C. *see* Mitchell, N.F. 36024
Connolly, T. *see* Amer, P.D. 13901
Connor, B., Iyer, S.N., Leithead, W.E., Grimble, M.J. Control of a horizontal axis wind turbine using $H\infty$ control 25290
Connor, J.T., Atlas, L.E. Coding theory and regularization 4394
Connor, J.T., Damborg, M.J., Atlas, L.E. Fine-grained parallel computation for power systems using artificial neural network hardware 32181
Connors, A. *see* Schonfelder, V. 7146
Connors, J.E., Kos, T.M., Pack, R.C., Smith, B.W. Advanced lithography simulation tools for development and analysis of wide-field high NA projection optical systems 2344
Connors, J.E. *see* Hill, A.V. 2352
Connors, J.E. *see* Partlo, W.N. 2333
Connors, M.K. *see* Choi, H.K. 12223
Connors, S.R. Externality adders and cost-effective emissions reductions: using tradeoff analysis to promote environmental improvement and risk mitigation 32321
Conolly, S. *see* Macovski, A. 7389
Conq, B. *see* Cand, M. 1243
Conrad, B. *see* Machetanz, J. 24143
Conrad, B.F. Transmission tower probabilistic design 32454
Conrad, B.S. *see* Carson, B.H. 39406
Conrad, F. Internalizing external costs of power supply as explained by the example of nuclear power (accident cost estimate) 16498
Conrad, H. *see* Kuebart, W. 35624
Conrad, J.M. *see* Andrews, D.L. 359
Conrad, K.A., Sampson, R.K., Massoud, H.Z., Irene, E.A. Ellipsometric monitoring and control of the rapid thermal oxidation of silicon 27737
Conrad, K.A. *see* Hu, Y.Z. 2197
Conrad, K.A. *see* Sampson, R.K. 38733
Conrad, K.A. *see* Sampson, R.K. 42389
Conrad, T. Modelling of controllable electrical power load management systems 8135
Conrad, T. *see* Schellstede, G. 16199
Conrad, T.R. *see* Shook, R.L. 34396
Conrad, V.B. *see* DeVito, M.S. 8128
Conradi, J. *see* Benterud, K. 15030
Conradsen, K. *see* Ersboll, B.K. 4898
Conradsen, K. *see* Gislason, E. 13182
Conraths, H.-J. Numerical simulation of induction heating: a finite-element approximation 8989
Conroy, A. *see* Boorer, A. 16147
Conroy, G.H. LowNo$_x$ pyro-systems design and operation 33172
Conroy, M.W. *see* Williams, J.A. 47529
Conroy, T.J. *see* Braby, L.A. 47144
Considine, L. *see* Corbett, B. 20521
Considine, L. *see* Corbett, B. 20555
Consoli, A., Licitra, C., Musumeci, S., Testa, A., Frisina, F., Letor, R. On the selection of IGBT devices in soft-switching applications 1056
Consoli, A., Raciti, A., Dobrucky, B., Hrabovcova, V. Static and dynamic behaviour of disk synchronous motors 17515
Constable, A., Kim, J., Mervis, J., Zarinetchi, F., Prentiss, M. Demonstration of a fiber-optical light-force trap 12312
Constable, G. Concurrent engineering—its procedures and pitfalls 9201
Constable, G. Managing product design: The next industrial revolution 33319
Constable, J.A., White, I.H. Laser linewidth measurement using a Mach-Zehnder interferometer and an optical amplifier 28942
Constable, J.A., White, I.H., Coles, A.N., Cunningham, D.G. Reduction of harmonic distortion and noise in a semiconductor optical amplifier using bias current feedback 12147
Constable, J.A., White, I.H., Coles, A.N., Cunningham, D.G. Enhancement of the harmonic performance of a semiconductor optical amplifier using bias current feedback 20865
Constable, P.D.L. *see* Arslan, O. 467
Constable, R.T. *see* Shi, P. 31905
Constant, E., Vindevoghel, J., Rolland, P.A., Leroy, Y., Chive, M. Microwave sensors 42249
Constanti, K.K. *see* Hollenkamp, A.F. 40420
Constantine, C. *see* Pearton, S.J. 27677
Constantine, C. *see* Ren, F. 3637
Constantine, C. *see* Ren, F. 20918
Constantine, C. *see* Shul, R.J. 27770
Constantinescu, A. *see* Anderson, J.A. 24244
Constantinescu, C., Storer, J.A. On-line adaptive vector quantization with variable size codebook entries 4838
Constantini, B. *see* Aceves, A.B. 36305
Constantini, L.P., Niebo, R.J. International performance definitions for electric generating units: the IEEE and UNIPEDE working together 25094
Constantinides, A.G., Stathaki, P.T. Bounds on moments for band-limited signals 4712
Constantinides, A.G. *see* Tanrikulu, O. 36637
Constantinides, E.D., Marhefka, R.J. A UGO/EUTD solution for the scattering and diffraction from cubic polynomial strips 21212
Constantinou, C.C., Jones, R.C. Path-integral analysis of propagation in a waveguide with random inhomogeneities 44505
Constantinou, P. *see* Willard, C. 5821
Contardo, D. *see* Angelini, F. 46951
Contarino, M. *see* Mullen, L. 39404
Conte, Al.S. MCM-L: the answer for desktop workstations 304
Conte, A.S. Manufacturing experiences, with high pin count TAB on PCBS 34373
Conte, E., Lops, M., Ricci, G. Radar detection in K-distributed clutter 46061
Conte, E., Ricci, G. Performance prediction in compound-Gaussian clutter 44873
Conte, G., Fameli, G., Nobile, G., Rubino, A., Terzini, E., Villani, F., Caputo, D., De Cesare, G., Irrera, F., Palma, F., Rossi, M.C. Correlation between minority carrier diffusion length and microstructure in a-Si:H thin films 42444
Conte, G., Irrera, F., Nobile, G., Palma, F. CPM and spectral photoconductivity techniques: a critical analysis of the experimental results 35560
Conte, G. *see* Caputo, D. 28596
Conte, G. *see* Kocka, J. 40482
Conte, J.E. *see* Gray, J.E. 13378
Conte, M., Pallacordi, M., Romanazzo, M. Battery and EV field data from the ENEA electrical energy storage program 48220
Conte, M. *see* Giglioli, R. 48309
Conte, M. *see* Soldadino, G. 48219
Conte, V. *see* Segur, P. 46925
Contellec, M.le *see* le Contellec, M.
Contento, G., Padovani, R., Varin, O., Castellano, S., Maccia, C., Chevalier Del Rio, M., Fernandez Soto, J.M., Moran Penco, P., Vano Carruana, E., Roberto, V. The use of test phantoms in knowledge based systems for diagnosing malfunctions of the radiological equipment 15787
Contento, G. *see* Moran, P. 15789
Conti, F. *see* Del Re, E. 22873
Conti, M. Analysis of the quality of service in a MAN environment 30470
Conti, M., Del Guerra, A., Mazzeo, A., Mazzocca, N., Russo, P., Russo, S., Scarlatella, A. A transputer-based list mode parallel system for digital radiography with 2D silicon detectors 15726
Conti, M., Gregori, E. VBR video on the FODA satellite network 45316
Conti, M., Gregori, E., Lenzini, L. Metropolitan area networks (MANs): protocols, modeling and performance evaluation 5580
Conti, M., Gregori, E., Lenzini, L. Design and analysis of a medical communication system based on FDDI 22360
Conti, M. *see* Alfano, B. 15724
Conti, M. *see* Bandettini, A. 15723
Conti, M. *see* Turchetti, C. 18910
Conti, P. *see* Hitschfeld, N. 28063
Contin, A., Rabach, G. PD analysis of rotating AC machines 40092
Contin, A., Rabach, G. Identification and detection of slot discharges during accelerated aging tests 40109
Continillo, G. *see* Miccio, F. 25743
Contla, P.A., Das-Gupta, D.K. Simple model for the design of polymeric piezoelectric ultrasonic transducers 47297
Conto, J.-M.De *see* De Conto, J.-M.
Contrada, R.J. *see* Pan, L. 39036
Contreras, D. *see* Bolsinger, L. 40009
Contreras, M., Tuttle, J., Dahong Du, Yi Qi, Swartzlander, A., Tennant, A., Noufi, R. Graded band-gap $Cu(In,Ga)Se_2$ thin-film solar cell absorber with enhanced open-circuit voltage 8769
Contreras, R.A., De Veirman, G.A. Signal to noise considerations for bipolar continuous-time filters 10285
Contreras, R.A. *see* De Veirman, G.A. 10251
Contreras, R.A. *see* De Veirmann, G.A. 18902
Converse, S. *see* Nutter, E.H. 15144
Converse, S.A., Perez, P., Clay, M., Meyer, S. Computerized procedures for nuclear power plants: evaluation of the computerized procedures manual (COPMA-II) 39741
Conway, A.E., Dimitrijevic, D., Hwang, R. Hierarchical simulation of layered protocol architectures using formal specifications 45345
Conway, B.E. *see* Adams, W.A. 48386
Conway, B.J. *see* Suleiman, O.H. 15941
Conway, B.J. *see* Suleiman, O.H. 24179
Conway, C.V. An on-line paperless manual integrated with TPS execution 23424
Conway, G.A. AC Drives: electrical disturbance problems and solutions 40528
Conway, J. *see* Viswanathan, R. 26943
Conway, J. *see* Viswanathan, R. 28274
Conway, J. *see* Whilde, N.J. 24336
Conway, J.H., Sloane, N.J.A. Quaternary constructions for the binary single-error-correcting codes of Julin, Best and others 29462
Coogan, J. Component placement: reconciling the demand for increased speeds 27378
Cook, A., Stern, J. Optical fiber access—perspectives toward the 21st century 45679
Cook, A. *see* Faulkner, D. 37646
Cook, A.S., Rose, I.A. A Monte Carlo technique for computing the benefits arising from the interconnection of power systems 24693
Cook, B.D., Soo-Young Lee Fast proximity effect correction: an extension of PYRAMID for thicker resists 27953
Cook, C. What's all this network stuff anyway? 45588
Cook, C. *see* Ilango, V. 40823
Cook, C.D. *see* Shi, H. 22101
Cook, C.R., Roesch, A. Real-time software metrics 45711
Cook, D.M. *see* Clark, W.D. 15212
Cook, G. A linear phased array antenna simulator in Pascal 9164
Cook, G.K. *see* Croome, D.J. 120
Cook, G.W., Comer, M.L., Delp, E.J. An investigation of the use of high performance computing for multiscale color image smoothing using mathematical morphology 4906
Cook, I.M. *see* Fair, R.J. 8277
Cook, J.T. Process engineering considerations for chip-on-board & surface mount packaging 33383
Cook, J.W., Jr. *see* Lansari, Y. 11675
Cook, J.W., Jr. *see* Ren, J. 11886
Cook, J.W., Jr. *see* Yu, Z. 12252
Cook, L.P. *see* Bennett, K.W. 35143
Cook, L.P. *see* Vaudin, M.D. 11374
Cook, M. Wide area distribution using satellites 37471
Cook, M.J. *see* Ray, A.K. 38582
Cook, P.J. *see* Letcher, J.H. 44844
Cook, R. NetWare: where it fits on the factory floor 30500

Cook, R. *see* Rao, B.M.L. 17193
Cook, R.L., Benton, R.D., Shepard, W.S., Lindner, J.S., Norton, O.P., Wilson, W.W., Bauman, L.E., Singh, J.P., Yueh, F.Y., Monts, D.L., Jang, P.R., Luthe, J., Okhuysen, W.P., Etheridge, J.A. Overview of recent diagnostic measurements at the USA MHD facilities 25805
Cook, R.L., Lineberry, J.T. Devices for maintaining optical access in high-temperature coal combustion environments. II. Sonic and supersonic flow regions 38746
Cook, R.L. *see* Kumar, R.A. 25806
Cook, S.C. The impact of emerging technologies on military radio communications 30604
Cook, S.W. *see* George, A.D. 44916
Cook, W.A. *see* Kenney, T.J. 22168
Cooke, B. *see* Zubritzky Weiland, M. 16110
Cooke, C.D. *see* Ezquerra, N. 7335
Cooke, E.D. *see* Steinberg, M.D. 15697
Cooke, G.A., Dowsett, M.G., Hill, C., Pearson, P.J., Walton, A.J. Comparison between computer simulation and direct secondary ion mass spectrometry measurement of lateral dopant distributions 42617
Cooke, M.P., Brown, G.J. Computational auditory scene analysis: exploiting the continuity illusion 4544
Cooke, M.P., Brown, G.J. Computational auditory scene analysis: exploiting principles of perceived continuity 29515
Cooke, P.J. *see* Scott, R.P.I. 14448
Cooke, S. *see* Stefanakos, E. 48289
Cooklev, T., Nishihara, A. Maximally flat FIR Hilbert transformers 36712
Cooklev, T., Yoshida, T., Nishihara, A. Maximally flat half-band diamond-shaped FIR filters using the Bernstein polynomial 27079
Cooklev, T.V. *see* Dimitrov, V.S. 41227
Cooksey, N.J. *see* Benford, J.N. 1793
Cooksey, N.J. *see* Levine, J.S. 19298
Cookson, L. *see* Nakajima, K. 14772
Cookson, M. *see* Woollard, K. 22432
Coolen, F.P.A., Newby, M.J. Bayesian reliability analysis with imprecise prior probabilities 26245
Cooley, J.A. *see* LaBel, K.A. 11881
Cooley, L.D., Lee, P.J., Larbalestier, D.C., O'Larey, P.M. Periodic pin array at the fluxon lattice scale in a high-field superconducting wire 35258
Cooley, W.T. *see* Evans, K.R. 26421
Cooling, J.E. Survivable LANs for distributed control systems 45601
Cools, R., Rabinowitz, P. Monomial cubature rules since "Stroud": a compilation 18080
Cooman, M.De *see* De Cooman, M.
Coombe, R.D. *see* Liu, Z. 41437
Coombs, D., Brown, C. Real-time binocular smooth pursuit 13585
Coombs, D., Horswill, I., von Kaenel, P. Disparity filtering: proximity detection and segmentation 30018
Coon, P.A., Wise, M.L., Dillon, A.C., George, S.M. Germanium deposition on silicon: surface chemistry of $(CH_3CH_2)_2GeH_2$ and $GeCl_4$ 41490
Coon, V. *see* Langer, D.W. 9736
Coon, V.T. *see* Shadrin, V.D. 23622
Coonick, A.H. *see* Iqbal, M.T. 47821
Cooper, A.B. *see* Kazakos, D. 12915
Cooper, B. *see* Lyall, E.A. 15959
Cooper, B.A. A large hemi-anechoic enclosure for community-compatible aeroacoustic testing of aircraft propulsion systems 39155
Cooper, B.P., Eggemeier, F.T., Elvers, G.C., Adapathya, R.S. Secondary task assessment of the workload associated with spatial pattern search under automatic and controlled processing 7677
Cooper, C.B., Ekanayake, J.B., Jenkins, N., Putrus, G.A. Modelling plant for flexible AC transmission systems 39569
Cooper, D. *see* Keren, D. 36987
Cooper, D.E., Martinelli, R.U., Carlisle, C.B., Riris, H., Bour, D.B., Menna, R.J. Measurement of $^{12}CO_2$:$^{13}CO_2$ ratios for medical diagnostics with 1.6-μm distributed-feedback semiconductor diode lasers 24220
Cooper, D.E. *see* Kozlowski, L.J. 46502
Cooper, D.E. *see* Svatik, A. 35174
Cooper, D.G. *see* Esman, R.D. 44635
Cooper, D.M., Pettigrew, R.D. Verification of ANSI C37.90.1 SWC test generator outputs 16440
Cooper, E.B. *see* King, B.A. 47278
Cooper, E.E. *see* Biederman, I. 37050
Cooper, E.G. *see* Goode, P.W. 24403
Cooper, G. *see* Burdess, J.S. 46392
Cooper, G.J., Vignesvaran, R. On the use of parallel processors for implicit Runge-Kutta methods 9465
Cooper, J. Long-time behavior and energy growth for electromagnetic waves reflected by a moving boundary 29155
Cooper, J. *see* Hodges, S.E. 3702
Cooper, J. *see* Munroe, M. 28900
Cooper, J.A., Jr *see* Mayer, T.S. 34505
Cooper, J.A., Jr. *see* Mayer, T.S. 35028
Cooper, J.A., Jr. *see* Sanders, J.W. 19474
Cooper, J.A., Jr. *see* Sheppard, S.T. 42843
Cooper, J.B., Aust, J., Stellman, C., Chike, K., Myrick, M.L., Schwartz, R., Longmire, M. Raman spectroscopy with a low-cost imaging CCD array 31316
Cooper, J.H., Polasek, M.J. Planning and installation of the 138 kV South Padre Island submarine cable 32427
Cooper, J.M., Pritchard, D.J. Biomolecular sensors for neurotransmitter determination: electrochemical immobilization of glutamate oxidase at microelectrodes in a poly(o-phenylenediamine) film 46524
Cooper, J.W. *see* Abel, P. 7586
Cooper, K. *see* Jones, C.A. 35445
Cooper, K. *see* Jones, C.A. 43669
Cooper, K.A. *see* Progler, C.J. 27976
Cooper, K.J. *see* Roth, S.S. 10149
Cooper, L. *see* Ladommatos, N. 48431
Cooper, M.E. *see* Kwan, J.W. 38828
Cooper, M.J. *see* Andrejczuk, A. 24134
Cooper, M.J. *see* Burke, B.E. 47024
Cooper, P., Crawley, L. Mobilesat - a world first 37360
Cooper, P.R. *see* Prokopowicz, P.N. 22221
Cooper, R. SuperJANET. The gestation of a high performance national research network 14107
Cooper, R. Meeting the needs of the academic users [data communication network] 37473
Cooper, R.A. *see* Asato, K.T. 31991
Cooper, R.B., Solomon, M.K. Teletraffic theory applied to the analysis of hash-structured files 5210
Cooper, R.M., Radcliff, R. Improvements and refinements to the H.F. band body-radio coupling model 45855
Cooper, S. *see* Colling, P. 20190
Cooper, S. *see* Ferger, P. 38850
Cooper, S. *see* Frank, M. 24026
Cooper, S. *see* Nagel, U. 24049
Cooper, S. *see* Petriccione, J. 47616
Cooper, W.S. *see* Kwan, J.W. 38828
Cooray, N. *see* Liyanage, R. 26562
Cooray, N. *see* Navabi, Z. 18573
Cooray, V. *see* Ye Ming 44341
Coorevits, P., Ladeveze, P., Pelle, J.-P. Mesh optimization for problems with steep gradients 41218
Coote, F.D.G. *see* Mohamed, S.A. 29190
Cootes, T.F., Hill, A., Taylor, C.J., Haslam, J. The use of active shape models for locating structures in medical images 38962
Cope, B. *see* Clough, B.T. 39267
Copeland, D.A., Bauer, A.H. Optical saturation and extraction from the chemical oxygen-iodine laser medium 28708
Copeland, L.R. *see* Iqbal, T. 43374
Copeland, M.A. *see* Beards, R.D. 33941
Copetti, J.B., Chenlo, F. Lead/acid batteries for photovoltaic applications. Test results and modelling 25652
Copetti, J.B., Lorenzo, E., Chenlo, F. A general battery model for PV system simulation 8243
Copic, M., Ovsenik, T. Second-harmonic scattering on orientational fluctuations in nematics 12321
Copner, N.J. *see* Sugden, K. 44145
Coppadoro, F. *see* Iliceto, F. 16924
Coppenbarger, R.A., Hardy, G.H., Dearing, M.G., Lam, T. Evaluation of a pilot interface with an automated Nap-of-the-Earth rotorcraft system 39193
Coppeta, D.A. *see* Le, H.Q. 20859
Copping, A.J. *see* Baka, M.E. 18886
Coppisetti, N., Challapali, K., Yo-Sung Ho Performance analysis of the advanced digital HDTV video coding system 38288
Coppo, P., D'Ambrosio, M., Melen, R. Optimal cost/performance design of ATM switches 30172
Coppola, J. *see* Buralli, B. 29341
Coppola, M. *see* Pihet, P. 47142
Coppola, M. *see* Sabbioni, F. 48208
Coppye, W. *see* Schreutelkamp, R.J. 19646
Copra, R.E., Vogl, J.R. Gun turret stabilization drive system for the M1A2 32145
Copus, K.A. *see* Chiao, Y.-H. 18308
Coquery, G., Lallemand, R., Peureux, J.L. GTO chopper at 2000 Hz switching frequency for a DC current source 1000 A - 1200 V 1059
Coquil, E.Le *see* Le Coquil, E.
Coquillat, D. *see* Haidoux, A. 9567
Coraiola, A., Haag, H.G., Karl Schulze-Buxloh, Thonnesen, G. Leaky coaxial cable with length independent antenna receiving level 5702
Corat, E.J., Goodwin, D.G. Temperature dependence of species concentrations near the substrate during diamond chemical vapor deposition 9702
Coratger, R., Ajustron, F., Beauvillain, J. Ballistic electron emission microscopy of the Au-Si (100) interface 27587
Coray, R., Aebi, T. The Directive on Electromagnetic Compatibility (EMC Directive), 1 36258
Coray, R., Aebi, T. The Directive on electromagnetic compatibility (EMC directive), part 2 44473
Corazza, A., De Mori, R., Gretter, R., Satta, G. Language modeling using stochastic context-free grammars 4512
Corazza, A., De Mori, R., Satta, G. Computation of upper-bounds for stochastic context-free languages 4534
Corazza, G.E., Degli Esposti, V. Code acquisition in DS-SSMA systems in the presence of multiple access interference and data modulation 45867
Corazza, G.E., Luglio, M., Valdoni, F., Vatalaro, F. Applications of the cellular concept in mobile satellite communications 22973
Corazza, G.E., Ruggieri, M., Santucci, F., Vatalaro, F. Handover procedures in integrated satellite and terrestrial mobile systems 37912
Corazza, G.E., Vatalaro, F. Interference analysis in satellite cellular systems 37804
Corba, M. *see* Quadrini, E.F. 14097
Corba, M. *see* Quadrini, E.M. 15991
Corbalan, M., Millan, M.S., Yzuel, M.J. A study on colour images obtained with CCD camera for pattern recognition 29897
Corbalan, R. *see* Pujol, J. 12271
Corbalan, Y.R. *see* Silva, F. 28712
Corban, E. *see* Gordon, M. 39277
Corbel, C., Guillois, F., Royer, D., Fink, M., De Mol, R. Experimental study of anisotropic and dispersive effects on carbon-epoxy composite using laser generated ultrasound 9842
Corbel, C., Guillois, F., Royer, D., Fink, M.A., De Mol, R. Laser-generated elastic waves in carbon-epoxy composite 18378
Corbella, I. *see* Pradell, L. 30649
Corbett, B., Considine, L., Walsh, S., Kelly, W.M. Narrow bandwidth long wavelength resonant cavity photodiodes 20521
Corbett, B., Considine, L., Walsh, S., Kelly, W.M. Resonant cavity light emitting diode and detector using epitaxial liftoff 20555
Corbett, E.G., Rossini, P.L., Gallon, D.W., Hotz, A.F. Pointing and tracking servo for the Haystack auxiliary antenna (HAX) 23160
Corbett, J. *see* Carr, R. 15389
Corbett, J. *see* Krejcik, P. 15394
Corbett, J.W. *see* Jianzhong Yuan 2078
Corbett, J.W. *see* Ying Zhang 2149
Corbett, S. *see* Gilleo, K. 366
Corbett, T. A process qualification plan for KGD 339
Corbett, W.J., Lee, M.J., Zambre, Y. Automatic beamline calibration procedures 7045
Corbin, A. *see* Ben Assayag, G. 27651
Corbin, E. *see* Shaw, M.J. 44118
Corbin, E. *see* Wong, K.B. 36008
Corbin, J.S. Finite element analysis for solder ball connect (SBC) structural design optimization 34385
Corbitt, T.S., Crooks, R.M., Ross, C.B., Hampden-Smith, M.J., Schoer, J.K. Scanning probe surface modification 42723
Corbo, P., Belfiore, J.-C. Reed-Solomon coded QAM modulation on a Rayleigh fading channel 36554
Corcalciuc, V. *see* Slypen, I. 31673
Corcoran, F., Irii, H., Rosenberger, J.R. Host laboratory and data interchanges [CCITT speech coder evaluation] 5621
Corcoran, F.L. *see* Dimolitsas, S. 4463
Corcoran, F.L. *see* Dimolitsas, S. 14068
Corcoran, J. *see* Morrison, F. 35233
Corcoran, M. *see* Abbott, B. 7245
Corcoran, M. *see* Abbott, B. 31776
Corcoran, M. *see* Johns, K. 31685
Corcoran, P. Electronic odour sensing systems 6613
Corcoran, P., Shurmer, H.V., Gardner, J.W. Integrated tin oxide sensors of low power consumption for use in gas and odour sensing 6657
Corcoran, P. *see* Hutchins, D.A. 9812
Corcoran, P. *see* Shurmer, H.V. 6622
Corcoran, S.F., Soza, D., Kincaid, N., Danielson, D. Improvement of depth resolution in secondary ion mass spectrometry depth profiling of silicided poly contacts 42541
Corcuff, P. *see* Assoul, M. 47071
Corda, J. Cylindrical linear stepper motor 40264
Corda, J., Masic, S., Stephenson, J.M. Computation and experimental determination of running torque waveforms in switched-reluctance motors 8336
Corda, J., Olaca, M. Analysis of losses in power electronic converter of SR drive 8882
Corda, J., Skopljak, E. Linear switched reluctance actuator 8729
Cordell, B. *see* Field, D. 32031
Cordes, H. Without a break. Seals with a shielding effect 9292
Cordes, H. Service rendering in the electromagnetic compatibility field 29206
Cordey, R. Terrain height mapping using interferometric satellite radar data 36217
Cordi, A., Lurie, H., Callahan, D., Thomson, M. Alpha high power chemical laser program 28714
Cordier, P. *see* Lods, J. 45777
Cordier, R. *see* Morel, J. 8065
Cordier, R. *see* Morel, J. 25142
Cordier, Y. *see* Rosencher, E. 23574
Cordioli, G., Crema, V. Design of an automatic plant for testing SF_6 gas insulated high voltage circuit breakers 17103
Cordoba, J.L.P. *see* Ayuso, A.J.R. 12991

Cordts, B. *see* Sandow, P.M. 1969
Cordurie, G. *see* Charpak, G. 15193
Cordurie, G. *see* Charpak, G. 31772
Core, T.A., Tsang, W.K., Sherman, S.J. Fabrication technology for an integrated surface-micromachined sensor 6419
Corella, F. Automated high-level verification against clocked algorithmic specifications 1261
Corella, F. Automated verification of behavioral equivalence for microprocessors 34082
Corera, J. *see* Abel, E. 39491
Corera, J. *see* Barandiaran, J. 32460
Corera, J.M., Echavarri, J., Laresgoiti, I., Lazaro, J.M., Perez, J. On-line expert system for service restoration 32225
Corera, J.M. *see* Heilbronn, B. 24818
Corfmat, J.-P. *see* Effantin, M. 25143
Coriasso, C. *see* Campi, D. 23056
Coriasso, C. *see* Campi, D. 35454
Coriasso, C. *see* Campi, D. 35494
Coriminas, E.L. *see* Ferrero, F.J. 26851
Corina, F. *see* Scarano, G. 13418
Corio, M.R. Trade-off between reliability and operation and maintenance expenditures in fossil-fired steam plants 16664
Corio, M.R. Trade-off between reliability and operation & maintenance expenditures in fossil-fired steam plants 39978
Corke, P.I. An experimental facility for robotic visual servoing 29905
Corker, D.L. *see* Nicholls, J.F.H. 18124
Corkidi, G., Marquez, J., Usisima, R., Toledo, R., Valdez, J., Graue, E. Automated in vivo and online morphometry of human corneal endothelium 7392
Corle, T.R., Mantalas, L.C., Kaack, T.R., LaComb, L.J., Jr. Polarization-enhanced imaging of photoresist gratings in the real-time scanning optical microscope 34868
Corlett, J.N. *see* Clarke, J.A. 7130
Corlett, J.N. *see* Clarke, J.A. 15361
Corlett, J.N. *see* Clarke, J.A. 15564
Cormack, G.D., Sabharwal, A.P. Picosecond pulse generator using delay lines 23493
Corman, T., Wang, S. Implementation of a Verilog cosimulation environment 974
Cormier, T. *see* Bellwied, R. 31684
Cormier, T.M., Cole, J.D., Hamilton, J.H., Ramayya, A.V., Robinson, R.L. The Oak Ridge recoil mass spectrometer for use with radioactive beams at GAMMASPHERE 24114
Cormier, T.M., Cole, J.D., Hamilton, J.H., Ramayya, A.V., Robinson, R.L. A new generation recoil mass spectrometer for use with radioactive beams at Oak Ridge 24116
Cornaglia, B. *see* Benedetto, V. 14413
Cornec, A.Le *see* Le Cornec, A.
Cornec, C.Le *see* Le Cornec, C.
Cornelis, J. *see* Hongyi Li 39034
Cornelis, J. *see* Li, H. 24208
Cornelis, J. *see* Xin, Y. 24207
Cornelis, K., Herr, W., Piwinski, A. Experimental study of electron-positron collisions in LEP with a finite crossing angle 6904
Cornelis, K. *see* Bailey, R. 15273
Cornelis, K. *see* Brandt, D. 15370
Cornelius, R.S. Overview and status of Fibre Channel 45509
Corner, G.A., Currie, G.D., Evans, A.L., Railton, R. Quality of electrical mains supplies in hospitals: implications for microprocessor-controlled medical equipment 7511
Cornet, A. *see* Georgakilas, A. 740
Cornet, A. *see* Peiro, F. 695
Cornet, A. *see* Vila, A. 9543
Cornet, H. *see* Lantz, E. 44051
Cornett, F. *see* Hansheng Huang 44907
Cornfeld, A. *see* Tseng, W.F. 713
Cornfield, G.C. Estimating system fault level from naturally occurring disturbances 16481
Cornfield, P. *see* Abrahams, M. 33952
Cornfield, P.S. ASIC design for communications satellite payloads 41963
Cornford, J., Gillespie, A. Cable systems, telephony and local economic development in the UK 6237
Cornick, K.J., Kunji, A.M. Nanosecond switching transients recorded in a mining transformer installation 25984
Cornilleau-Peres, V., Droulez, J. Velocity-based correspondence in stereokinetic images 13612
Corno, F. *see* Cabodi, G. 1161
Cornu, F. Electric vehicle and security 48418
Cornu, J.P. Nickel-cadmium: a key point for the town 40429
Cornu, J.P. Nickel-cadmium, a major advantage for cities 48248
Cornu, J.P., Madery, C., Leonardi, J. The great opportunity of the nickel/metal hybride for EV application 48337
Cornu, J.P. *see* Dufour, A. 48395
Cornuejols, G., Novick, B. Ideal 0, 1 matrices 41071
Cornuelle, B.D., Worcester, P.F., Hildebrand, J.A., Hodgkiss, W.S., Jr., Duda, T.F., Boyd, J., Howe, B.M., Mercer, J.A., Spindel, R.C. Ocean acoustic tomography at 1000-km range using wavefronts measured with a large-aperture vertical array 7624
Cornwell, D.M., Jr. *see* Hayden, W.L. 6040
Coroller, J.-F. *see* Buralli, B. 29341
Corominas, E.L. *see* Pernia, A.M. 8554
Coron, N. *see* de Marcillac, P. 24058
Coron, N. *see* De Moor, P. 24029
Coron, N. *see* Masse, D. 38841
Coron, N. *see* Zhou, J.W. 6499
Coronado, C.A., Ho, E., Fisher, P.A., House, J.L., Lu, K., Petrich, G.S., Kolodziejski, L.A. Gas source molecular beam epitaxy of ZnSe and ZnSe:N 41337
Coronado, C.A. *see* Ho, E. 9669
Coroy, T. *see* Measures, R.M. 23668
Coroyer, C. *see* Le Roux, J. 45031
Corporaal, H., van der Arend, P. MOVE32INT, a Sea of Gates realization of a high performance transport triggered architecture 2650
Corradi, E. *see* Counan, C. 25024
Corradi, L. *see* Signorini, C. 31799
Corradini, M. *see* Yasar, O. 25185
Corradini, M.L., Hohmann, H. Multi-phase flow aspects of fuel-coolant interactions in reactor safety research 16594
Corrado, B.J. *see* Thornburg, W.Q. 43446
Corral, C.A., Lindquist, C.S. The design of structurally constrained minimum mean-square error block matrix filters 21913
Corre, A. *see* Beer, A. 31662
Corre, A.Le *see* Le Corre, A.
Correa, R.A. *see* Castro, P.J. 1479
Corredera, J.R.Casar *see* Casar Corredera, J.R.
Corredera, P., Campos, J., Pons, A., Corrons, A. On the measurement of single-mode optical fibres cut-off wavelength 11619
Corredera, P., Pons, A., Corrons, A., Campos, J. Optical fibres measurement techniques and standards 11617
Corredera, P. *see* Gomez, P.J. 11618
Corredoura, P. Klystron equalization for RF feedback 6998
Corredoura, P. *see* Fox, J.D. 7094
Correia, C.M.B.A. *see* Simoes, P.C.S. 23471
Correll, C. *see* Franz, J. 5958
Correra, F.S., Tadayon, S. A modified Gummel-Poon model applied to HBTs 28109
Corrigan, D.A. *see* Ovshinsky, S.R. 48332
Corrigan, P.G. Magnetic field analysis using simplified graphs 7971
Corrons, A. *see* Corredera, P. 11617
Corrons, A. *see* Corredera, P. 11619
Corrons, A. *see* Gomez, P.J. 11618
Corser, G.A., Hammond, G.C. A unique flowmeter 38472
Corsi, F., Chiorboli, G., De Venuto, D., Morandi, C., Portacci, G.V. Enhancing the time resolution of an EBT system via the primary electron pulse shape measurement 43124
Corsini, R. *see* Acerbi, E. 15541
Corsini, R. *see* Acerbi, E. 15542
Corso, D.Del *see* Del Corso, D.
Corso, F.Dal *see* Dal Corso, F.
Corso, S.Dal *see* Dal Corso, S.
Corson, M.S. A distributed, object-oriented communication network simulation testbed 5312
Corson, M.Scott *see* Scott Corson, M.
Corsonello, P., Daponte, P., DeGrazia, F., Grimaldi, D. On two-coupled inductors stray capacitances evaluation for CAD-oriented modeling 18444
Cortelazzo, G., Manduchi, R. On the determination of all the sublattices of preassigned index and its application to multidimensional subsampling 21970
Cortelazzo, G.M. *see* Manduchi, R. 22040
Cortell, R. Application of the fourth-order Runge-Kutta method for the solution of high-order general initial value problems 26366
Cortes-Medellin, G., Goldsmith, P.F. Analysis of active surface reflector antenna for a large millimeter wave radio telescope 46157
Cortesini, R. *see* Borgarelli, L. 9997
Corthay, F., Pellandini, F. Oversampled digital leapfrog filters 10332
Corti, G. *see* Cataldi, G. 31666
Cortines, C.G. *see* Bonicel, J. 5997
Cortizo, P.C. *see* Nunes, A.A.C. 40073
Corvaja, R., Tomba, L. Performance evaluation of ASK multichannel coherent optical systems 38085
Corvaja, R. *see* Cariolaro, G.L. 43810
Corvini, P.J. *see* Hashemi, M.M. 43003
Corvino, A., Maurella, A. The inspection of electrical plant in consumers' premises. II 16747
Corvino, A., Mavrella, A. The inspection and certification of consumers' electrical plant in accordance with CEI standards. I 25369
Corvisiero, P. *see* Cavagnetto, F. 7503
Corwin, R.R., Rodenburgh, A., II Temperature error in radiation thermometry caused by emissivity and reflectance measurement error 46663
Cory, B.J., Gale, P.F. Satellites for power system applications 8017
Cory, B.J. *see* Golkar, M.A. 7938
Cory, B.J. *see* Yoshimoto, K. 16494
Cory, H. Wave propagation along a closed rectangular chirowaveguide 12686
Cory, H., Segall, E. Coupling between parallel circular open chirowaveguides 44541
Cory, H., Shiran, S., Heilper, M. An iterative method for calculating the shielding effectiveness and light transmittance of multilayered media 36228
Cory, H., Waxman, S. Coupling between chiral slabs 12679
Cory, H. *see* Shiran, S. 12646
Cory, T.S., Holzheimer, T.R. Viability assessment for reliable long-wave communication links 5744
Corzine, S.W., Coldren, L.A. Theoretical gain in strained-layer quantum wells 20837
Corzine, S.W. *see* Geels, R.S. 43851
Corzine, S.W. *see* Young, D.B. 12194
Cosandey, R., Herbst, W., Tambe, S. New DC power supply for aluminium smelting plant in Bahrain 33162
Cosandier, D., Chapman, M.A. High precision target location for industrial metrology 23702
Cosano, J.S., Luque De Castro, M.D., Valcarcel, M. Flow injection analysis of water.1. Automatic preconcentration determination of sulphate, ammonia and iron(II)/iron(III) 31502
Cosano, J.S., Luque de Castro, M.D., Valcarcel, M. Flow injection analysis of water.2. Integrated system for automatic multideterminations 31503
Cosgrave, J.A., Vourdas, A., Jones, G.R., Spencer, J.W., Wilson, A. Acoustic monitoring of electrical discharges using fibre-optic based techniques 48028
Cosgrove, M., Short, J., Zako, B. Implementing a quality GSM radio system 22902
Cosi, P. On the use of auditory models in speech technology 13078
Cosimini, P. *see* Dunlop, J. 22910
Cosimo, G.Di *see* Di Cosimo, G.
Cosley, M.R., Marongiu, M.J. Studies on the use of radial jet reattachment nozzles as active heat sinks for electronic component boards 42325
Cosman, P.C., Oehler, K.L., Riskin, E.A., Gray, R.M. Using vector quantization for image processing 13500
Cosman, P.C. *see* Perlmutter, S.M. 31855
Cosmas, J.P., Pearmain, A.J., Gill, D., Zouain, J. Mobile audio visual terminal for DECT mobile radio system 5799
Cosmi, F. *see* Rovetta, A. 39082
Cosmo, M.L. *see* Bannister, P.R. 4314
Cossalino, G.Viglieno *see* Viglieno Cossalino, G.
Cossar, C. *see* Staton, D.A. 8326
Cossmann, R. *see* Seibel, G. 32664
Costa, A. A generalization of a result of Barrucand and Cohn on class numbers 18032
Costa, A., De Gloria, A., Faraboschi, P., Nateri, G., Olivieri, M. An asynchronous approach to the RISC design of a micro-controller 1240
Costa, A., De Gloria, A., Faraboschi, P., Olivieri, M. A parallel architecture for the color Doppler flow technique in ultrasound imaging 7317
Costa, B., Di Vita, P., Passeri, P. Optical amplifiers in telecommunication networks 23057
Costa, C.I.A. *see* Ribeiro, G.M. 40380
Costa, C.S.da *see* da Costa, C.S.
Costa, D., Khatibzadeh, A. Use of surface passivation ledges and local negative feedback to reduce amplitude modulation noise in AlGaAs/GaAs heterojunction bipolar transistors 42877
Costa, E. *see* Frontera, F. 15669
Costa, E.T. *see* Leeman, S. 47303
Costa, F., Forest, F., Puzo, A., Rojat, G. Study of conducted and radiated perturbations in a switching cell [converter design] 27110
Costa, F. *see* Forest, F. 16968
Costa, F. *see* Laboure, E. 15159
Costa, F. *see* Lefebvre, S. 32909
Costa, F.Da *see* Da Costa, F.
Costa, I.G.Da *see* Da Costa, I.G.
Costa, I.S., Leao, J.A. Identification of topology errors in power system state estimation 32202
Costa, J. *see* Camilleri, N. 1505
Costa, J. *see* Camilleri, N. 30621
Costa, J. *see* Staudinger, J. 19092
Costa, J.C., Lovelace, D., Ngo, D., Camilleri, N. Modeling a new generation of RF devices: MOSFETs for L-band applications 1517
Costa, J.M., Lam, B.C., Kellner, A.L., Yu, P.K.L. Hybrid optical transmitter for microwave communication systems 30704
Costa, L.P.N. *see* Bergmann, J.R. 36390
Costa, M. *see* O'Shaughnessy, K. 47008
Costa, M.A. *see* Benvenutti, C.J. 45885
Costa, M.E., Luiten, A.N., Tobar, M.E., Blair, D.G. Oscillator performance from the time evolution of relative phase 27243
Costa, M.F.M., Almeida, J.B. System of optical noncontact microtopography 6803
Costa, M.F.M., Almeida, J.B. Microtopographic inspection of surfaces: a comparison between moire, contrived lightning and discrete triangulation methods 31427
Costa, P., Geri, A., Veca, G.M. Edge and transient effects in a MHD device 25750
Costa, P.J. Adaptive model architecture and extended Kalman-Bucy filters 44867
Costa, V., O'Riordan, N., Preatoni, R., Ronco, C., Caniggia, S. Analysis of noise in high speed circuit boards and approaches for a full automatic computer-aided design solution 34341
Costa, W.A. *see* Crisostomo, J. 29266

Costa Carmo, L.F.Rust da *see* Rust da Costa Carmo, L.F.
Costa Freire, J. *see* Bernardino, J. 27163
Costa Freire, J. *see* Soares Augusto, J. 27213
Costache, G. *see* Ali, H.O. 44605
Costache, G.I. *see* Cai, X.-D. 12647
Costache, G.I. *see* Ney, M.M. 21268
Costamagna, E., Fanni, A. Conductor-backed and upper-shielded coplanar waveguide with finite ground planes 21357
Costamagna, E., Fanni, A. New types of TEM cells with shaped inner and outer conductors 29220
Costamagna, E., Fanni, A., Maestrini, R. Connectivity and reliability of telecommunication networks 37056
Costantini, B., De Angelis, C., Galtarossa, A., Someda, C.G. Second-order perturbation theory of rectangular waveguides and directional couplers 36321
Costanzo, A. *see* Rizzoli, V. 1536
Costanzo, A. *see* Rizzoli, V. 10452
Costanzo, A. *see* Rizzoli, V. 28196
Costanzo, A. *see* Rizzoli, V. 41619
Costato, M. *see* Nobili, C. 2261
Coste, J.C. *see* Bouvier, A.J. 12013
Coste, W.H. *see* Knutson, K. 7903
Costello, D.J., Jr *see* Pietrobon, S.S. 45882
Costello, K.A. *see* Aebi, V.W. 19281
Costigan, P.A. *see* Li, J. 24199
Costin, K.L. *see* Tracey, J.S. 7872
Costin, K.L. *see* Tracey, J.S. 32247
Coston, W.T. *see* Chian, M.C. 9893
Cosulich, E., Gatti, F., Vitale, S. Further results on μ-calorimeters with superconducting absorber 24028
Cota, E., Jose, J.V., Rojas, F. Electronic transmission through time-periodic oscillating barriers 27513
Cote, A., Perrissin, G., Vaillant, F. The verification of electro-magnetic compatibility in MV switchgear 25593
Cote, F. *see* Le Blanc, S.P. 20615
Cotrrell, G.W., Nguyen, M., Tsung, F.-S. Dynamic rate adaptation 21860
Cotta, M.A., Hamm, R.A., Chu, S.N.G., Harriott, L.R., Temkin, H. Lateral thickness modulation of InGaAs/InP quantum wells grown by metalorganic molecular beam epitaxy 18224
Cotta, M.A., Hamm, R.A., Chu, S.N.G., Staley, T.W., Harriott, L.R., Panish, M.B., Temkin, H. Evolution of roughness on InP layers observed by scanning force microscopy 9595
Cotta, M.A. *see* Bernussi, A.A. 42501
Cotta, M.A. *see* Temkin, H. 18232
Cotte, J. *see* Crabbe, E. 19072
Cotter, J.E. *see* Barnett, A.M. 48125
Cottis, P.G. *see* Vazouras, C.N. 29144
Cottis, R.A. *see* Williams, L.A. 18325
Cottle, J.G. Interpretation of current induced noise for detection of ULSI/VLSI interconnection reliability problems 2214
Cottle, R. *see* Apanovich, Y. 19719
Cotton, A.D.R., Wells, N.D. Coordination of parallel processing within HDTV bit-rate reduction codecs 31006
Cotton, M.G. *see* Liebe, H.J. 44364
Cotton, P.D. *see* Smith, A.J. 4130
Cotton, R.A. *see* Fletcher, J.H. 35698
Cotton, W.D. Calibration and imaging of polarization sensitive Very Long Baseline Interferometer observations 30936
Cottrell, D.M. *see* Davis, J.A. 21092
Cottrell, D.M. *see* Davis, J.A. 45250
Cottrell, R.L.A., Streater, T.C. Network management, status & directions 45507
Couach, M. *see* Bosland, P. 9775
Couasnon, T.de *see* de Couasnon, T.
Couch, N.R. *see* Robertson, D.A. 42207
Coudenys, G., Moerman, I., Vermeire, G., Vermaerke, F., Zhu, Y., Van Daele, P., Demeester, P., Maayan, E., Elsner, B., Salzman, J., Finkman, E. Atmospheric and low pressure shadow masked MOVPE growth of InGaAs(P)/InP and (In)GaAs/(Al)GaAs heterostructures and quantum wells 41306
Coudenys, G., Vermeire, G., Zhu, Y., Moerman, I., Buydens, L., Van Daele, P., Demeester, P. Novel growth techniques for the fabrication of photonic integrated circuits 3403
Coudenys, G. *see* Schweicher, E. 46430
Couderc, J.-P. CVD process engineering: modelling aspects 9726
Couderc, J.P. *see* Tounsi, A. 9732
Coudert, G. *see* Barnett, I. 15672
Coudoro, B. *see* Heddebaut, B. 35079
Coudray, P. *see* Perotin, M. 34695
Couesnongle, M.de *see* de Couesnongle, M.
Couffignal, P. *see* Guillot, P. 1429
Couffignal, P. *see* Guillot, P. 42174
Coughlin, T.L. *see* Lavoie, D.C. 16634
Cougnon, P., Cavenaile, F. The Brussels Tramway 2000 with asynchronous traction 17542
Couillard, J.G., Craighead, H.G. Photolithographic patterning of porous silicon 42796
Couillard, P. The Canadian Broadcasting Centre: building electrical and production lighting and rigging systems 23290
Couillaud, C. *see* Joly, S. 44009
Coulbeck, L., Findlay, W.J., Millington, A.D. Electrical trade-offs for GTO thyristors 40329
Coulet, P. *see* Andre, J.-C. 43609
Coullard, C.R., del Greco, J.G., Wagner, D.K. Uncovering generalized-network structure in matrices 533
Coulomb, B., Fraise, P., Jung, P., Rouffet, D., Voisin, P., Jarlier, J., Ruiz, L., Roussel, T. Low Earth orbit satellite payload for personal communications 22821
Coulomb, B. *see* Cances, J.-P. 22918
Coulomb, J.L. *see* Lo, J.O.Y. 41207
Coulson, G. *see* Blair, G. 13974
Coulter, K.P. *see* Jones, C.E. 31632
Coulter, K.P. *see* Poelker, M. 31631
Coulthard, J. Ultrasonic cross-correlation flowmeters 46678
Coulthard, J., Yan, Y. Ultrasonic cross-correlation flowmeters 6850
Coulthard, J., Yan, Y. Vortex wake transit time measurements for flow metering 6852
Coulthard, J., Yan, Y. Comparisons of different bluff bodies in vortex wake transit time measurements 6856
Coulthard, J. *see* Yong Yan 31517
Coumel, P. *see* Fayn, J. 15884
Coumeri, S.L., Thomas, D.E. Benchmark descriptions for comparing the performance of Verilog and VHDL simulators 33844
Counan, C., Trotignon, M., Corradi, E., Bortoni, G., Stubbe, M., Deuse, J. Major incidents on the French electric system: potentiality and curative measures studies 25024
Countemanche, M., Talajic, M., Kaplan, D. Multiparameter quantification of 24-hour heart rate variability 24298
Countryman, P.J. *see* Zondervan, A. 46867
Coupal, D. *see* Ziock, H.-J. 46885
Coupat, J.-M. *see* Bouysse, P. 46589
Coupat, J.M., Blanche, F., Narbonne, Y., Nebus, J.M., Bouysse, P., Villotte, J.P. Automatic control of constant highly reflective loads in active load-pull systems for the characterization of compression effects and IM3 in SSPAs 31108
Coupat, J.M., Bouysse, P., Nebus, J.M., Villotte, J.P. An enhanced active load-pull system for highly mismatched power transistor measurements 6750
Coupez, J.P. *see* Cousseran, M.L. 27152
Coupez, J.PH. *see* Hettak, K. 27144
Coupland, J.M. *see* Lawson, N.J. 12492
Couprie, M.E., Garzella, D., Monet-Descombey, C., Sommer, M., Billardon, M. Relation between the Super-ACO storage ring free electron laser and the longitudinal characteristics of the positron beam 7020
Couprie, M.E., Merola, F., Tauc, P., Delboulbe, A., Garzella, D., Hara, T., Billardon, M. The UV Super-ACO storage ring free electron laser for time resolved fluorescence 43983
Couprie, M.E. *see* Garzella, D. 43971
Couprie, M.E. *see* Hara, T. 43970
Courant, E.D. *see* Garren, A.A. 46763
Courant, E.D. *see* Huang, H. 7044
Courant, E.D. *see* Phelps, R.A. 38798
Courbis, A.L. *see* Santucci, J.F. 18605
Courbon, M. *see* Ducottet, C. 45259
Courboules, B., Massies, J., Deparis, C., Grandjean, N., Leymarie, J., Monier, C., Vasson, A.M., Vasson, A. Monolayer thickness control of $In_yGa_{1-y}As/GaAs$ quantum wells grown by metalorganic molecular beam epitaxy 41266
Courivaud, N., Verdeyme, S., Aubourg, M., Guillon, P. A 3D finite element method application to a rigorous millimeter-wave metal insert filter design 27162
Courmont, S., Maurel, P., Grattepain, C., Garcia, J.C. Mg doping of GaInP grown by chemical beam epitaxy using bis-cyclopeniadienyl magnesium 34690
Courrol, L.C. *see* Brenier, A. 28797
Coursey, B.M., Calhoun, J.M., Cessna, J., Golas, D.B., Schima, F.J., Unterweger, M.P. Liquid-scintillation counting techniques for the standardization of radionuclides used in therapy 38854
Coursol, N. *see* Masse, D. 38841
Courtade, F. *see* Perdu, P. 43048
Courteau, R., Nozaki, R., Bose, T.K., Lamarre, L., Pelissou, S. Effect of aging on the low frequency dielectric spectrum of XLPE 43193
Courteille, C., Bruneteau, J., Valckx, F.P.G., Sledziewski, Z., Bacal, M. Primary electron drift in a volume hybrid multi-cusp H^- ion source 15597
Courteille, C., Bruneteau, J., Valckx, F.P.G., Sledziewski, Z., Bacal, M. Effect of primary electron drift on the negative ion efficiency of a volume hybrid multicusp H^- ion source 46816
Courteille, C. *see* Bacal, M. 46826
Courteille, C. *see* Skinner, D.A. 38822
Courtellemont, P. *see* Oliver, C. 4688
Courtiat, J.-P. *see* Rust da Costa Carmo, L.F. 13966
Courtier-Arnoux, S. *see* Bediou, J. 25391
Courtney, G. *see* Hundley, W. 46137
Courtois, B. *see* Bayle, P. 18416
Courtois, B. *see* Hellebrand, S. 1159
Courtois, B. *see* Lubaszewski, M. 1724
Courtois, B. *see* Nicolaidis, M. 35082
Courtois, C. Why the 2×25 kV alternative? [autotransformer traction supply] 17577
Courtois, C. Earthing, protection, miscellaneous [of railway power systems] 17580
Courtois, I., Faure, P., Handerek, J., Riege, H., Schroder, G.H. Development of high power switches for the LHC beam dumping pulser 6931
Courtois, M., Pouilly, J. Integrated diagnostic for new French fighter 24559
Courts, A.L. *see* Clark, C.F. 32376
Courtwright, H.C. *see* Bell, D.A. 39232
Coury, D.V. *see* Aggarwal, R.K. 16484
Cousins, A.K. A scalable aspherical corrective mirror for end-pumped solid-state lasers 20717
Cousins, J.T. *see* Symonds, A.F. 32512
Cousins, R.A., Lehner, J.W. Distribution capacitor program is simple and effective 16257
Cousins, R.D. A method which eliminates the discreteness in Poisson confidence limits and lessens the effect of moving cuts specifically to eliminate candidate events 31782
Cousins, T., Hayward, A.T.J. Development of the T-ring vortex meter 6414
Coussement, R. *see* Neyens, G. 38939
Coussens, P.J.M., Van Den Bossche, A.P.M., Melkebeek, J.A.A. Practical field oriented control in a rotor reference frame 40181
Cousseran, M.L., Freulon, M., Hettak, K., Peden, A., Coupez, J.P. A new double slotline ring resonator with coplanar waveguide feeder 27152
Cousty, J.P., Vieules, P.H., Le Garrec, G. A new system for helicopter deck-landing aid 32037
Coutellier, J.M. *see* Le Texier, F. 2832
Coutinho, A.L.G.A., Alves, J.L.D., Landau, L., Ebecken, N.F.F. Evaluation of computational strategies for the finite element method on vector computers 18104
Coutinho, C.E.Oliveira *see* Oliveira Coutinho, C.E.
Couto, L., Tower, S., Johansen, K.G., Fletcher, T., Luce, W., Horner, R. Revolutionary quality and cost improvements in brazed RF/microwave package manufacturing technology 17887
Coutouly, J.F. *see* Li Junchang 28955
Coutts, B., Ravi, S., Hu, G., Shrikhande, N Extraction of edge-based and region-based features for object recognition 4917
Coutts, R. History of standards for mobile communications 37852
Coutu, G. *see* Sturim, D.E. 21901
Couture, J.J.A. Holographic recordings in xanthene dye dichromated colloid films for engineering applications 12469
Couturier, J., Harmand, J.C., Voisin, P. Low power all-optical bistability in InGaAs-AlInAs superlattices: demonstration of a wireless self-electro-optical effect device 20394
Couturier, J., Voisin, P., Harmand, J.C. Low power all-optical bistability in InGaAs-AlInAs superlattices: Demonstration of a wireless self-electro-optical effect device operating at 1.5 μm 28517
Couturier, J. *see* Gabungu, F. 16423
Couvreur, M. Improving the immunity of industrial power electronics against voltage dips 25032
Cova, P. *see* Singh, A. 19743
Cova, P. *see* Tesauri, M. 3595
Cova, S. *see* Lacaita, A. 20540
Covalet, D. *see* Rongere, F.-X. 25857
Covelli, V., Granata, I. Fundamental analysis of corrosion processes in complementary metal oxide semiconductor devices 43119
Cover, R. *see* Lampel, M.C. 29075
Cover, R.A., Bennett, G.T., Burke, R.J., Curtin, M.S., Lampel, M.C., Rakowsky, G., Stone, J.P. Rocketdyne FEL for power beaming using a regenerative amplifier 20929
Cover, T.M. *see* Ekroot, L. 21480
Covington, W. *see* Dura, J.A. 9562
Cowan, C.F.N., Callender, C.P. Non-linear adaptive filters applied to telecommunications systems 12811
Cowan, C.F.N., Hwegi, Y.S. Equalisation of highly non-stationary data communications channels 5738
Cowan, C.F.N. *see* Callender, C.P. 13396
Cowan, C.F.N. *see* Callender, C.P. 21904
Cowan, C.F.N. *see* Li Zhongwei 6271
Cowan, D.D. *see* Bumbulis, P.J. 5469
Cowan, D.J. *see* Johnson, D.P. 14608
Cowan, J.R. *see* Shuh, H.M. 32315
Cowan, M.D., Baker, J.V., Haas, W.E. Light valve for high performance video projection 46551
Cowan, N. *see* Brown, M. 37859
Cowan, R.A. The user view: procuring open systems 37536
Cowan, R.G., Niemel, J., Campbell, R.L., Raridon, R.J., Wheaton, J.H., Michaut, C., Bacal, M. Emittance growth in negative ion beam formation: effects due to secondary positive ions on the extraction sheath 46728
Coward, J.F., Chalfant, C.H., Chang, P.H. A photonic integrated-optic RF phase shifter for phased array antenna beam-forming applications 44622
Cowen, A. *see* Osburn, C.M. 19484
Cowen, A. *see* Tsai, J.Y. 42615

Cowen, A.R. The application of image quality test objects in support of clinical X ray service: physical and technical considerations 24162
Cowen, A.R. *see* Workman, A. 31872
Cowen, C. *see* Monaghan, S. 41792
Cowen, D.F. *see* Alexander, J.P. 24110
Cowen, D.F. *see* Alexander, J.P. 46860
Cowen, J. ISDN—the highway to help is now up and running 37560
Cowie, J.M.G. Wet development of polymer resists: a guide to solvent selection 42813
Cowles, J. *see* Goswami, S. 20538
Cowley, S.C., Perkins, F.W., Valeo, E.J. Generation of high intensity RF pulses in the ionosphere by means of in situ compression 44349
Cowley, W.G., Rice, M., McLean, A.N. Estimation of frequency offset in mobile satellite modems 37748
Cowling, G. Quality control using noise and vibration limit testing 17938
Cox, B. *see* Budagov, J. 46955
Cox, B.G. *see* Jin, J.S. 13772
Cox, B.L., Younan, N.H., Taylor, C.D., Jiang, M.-Y., Prather, W.D. On the transmission line formed by two elliptical conductors 12645
Cox, C.H., III High-performance fiber-optic links for microwave applications 5948
Cox, C.H., III, Yee, A.C. Measurements on an RF fiber-optic link suitable for antenna remoting 23067
Cox, C.H., III *see* Betts, G.E. 6031
Cox, D. *see* Benke, K.K. 45205
Cox, H., Rajski, J. On necessary and nonconflicting assignments in algorithmic test pattern generation 41850
Cox, H., Zeskind, R.M. Adaptive cardioid processing 30927
Cox, I.J., Leonard, J.J. Modeling a dynamic environment using a Bayesian multiple hypothesis approach 44846
Cox, I.J., Rehg, J.M., Hingorani, S. A Bayesian multiple-hypothesis approach to edge grouping and contour segmentation 5110
Cox, J. *see* Abdulally, I. 8169
Cox, J.L. *see* Branham, B.H. 24303
Cox, J.R. *see* Fuhrmann, D.R. 22080
Cox, J.T. *see* Bly, V.T. 38494
Cox, K. *see* Hutchison, S.B. 20719
Cox, M.D. *see* Whitlock, J.B. 8771
Cox, M.G. *see* Bich, W. 46647
Cox, R. *see* Bassani, F. 10848
Cox, R.M. *see* Leigh, P.A. 42562
Cox, R.V. *see* Gould, K.W. 21667
Cox, R.V. *see* Juin-Hwey Chen 4460
Cox, S. *see* McAdams, R. 15594
Cox, S. *see* Smotherman, M. 34109
Cox, S.J., Proudfoot, G., King, R., McAdams, R. Delivery of cesium to a volume ion source and the role of cesium as an additive 38836
Cox, T.I. *see* Canham, L.T. 41399
Cox, T.J., Lam, Y.W. The performance of realisable quadratic residue diffusers (QRDs) 32128
Cox III, C.H., Betts, G.E. Analog fiber-optic links: progress and prospects 30701
Coxhead, P. *see* Stuart, A. 45877
Coyle, A. *see* Buschbom, M.L. 42307
Coyle, A.J., Henderson, W., Taylor, P.G. Reduced load approximations for loss networks 22372
Coyle, A.J. *see* Chlebus, E. 37101
Coyle, D.B., Kay, R.B., Degnan, J.J., Krebs, D.J. Injection-seeded diode-pumped regenerative ring Nd:YAG amplifier for spaceborne laser ranging 30923
Coyle, M.R. *see* White, C.J. 28893
Coyle, P., Kawahara, H., Lu, A., Lynch, G., Mueller, G., Muller, D., Ratcliff, B., Simopoulos, C. The DIRC counter: a new type of particle identification device for B factories 46918
Coyle, P. *see* Abe, K. 7260
Coyle, P. *see* Abe, K. 15619
Coyle, P. *see* Abe, K. 46930
Coyne, D. *see* Abe, K. 7260
Coyne, D. *see* Abe, K. 15619
Coyne, D. *see* Abe, K. 46930
Coyne, R., Snodgrass, A. Rescuing CAD from rationalism 9203
Coz, D.Le *see* Le Coz, D.
Cozzens, J.H., Sousa, M.J. Source enumeration in a correlated signal environment 44990
Cozzika, G. The H1 detector 31752
Cpqd-Telebras *see* Bernussi, A.A. 42501
Craatz, P. *see* Bach, R. 7952
Crabbe, E., Meyerson, B., Harame, D., Stork, J., Megdanis, A., Cotte, J., Chu, J., Gilbert, M., Stanis, C., Comfort, J., Patton, G., Subbanna, S. 113-GHz f_T graded-base SiGe HBT's 19072
Crabbe, E. *see* Shahidi, G.G. 11305
Crabbe, E.F., Comfort, J.H., Cressler, J.D., Sun, J.Y.-C., Stork, J.M.C. High-low polysilicon-emitter SiGe-base bipolar transistors 11146
Crabbe, E.F. *see* Arienzo, M. 11161
Crabbe, E.F. *see* Verdonckt-Vandebroek, S. 35007
Crabtree, C. *see* LaBel, K.A. 11881
Crabtree, C.M. *see* LaBel, K.A. 39254
Crabtree, P. *see* Kenkare, P.U. 35081
Craciun, V., Boyd, I.W., Reader, A.H., Kersten, W.J., Hakkens, F.J.G., Oosting, P.H., Vandenhoudt, D.E.W. Microstructure of oxidized layers formed by the low-temperature ultraviolet-assisted dry oxidation of strained $Si_{0.8}Ge_{0.2}$ layers on Si 34723
Craciun, V. *see* Boyd, I.W. 27696
Craddock, I.J., Railton, C.J. Application of the FDTD method and a full time-domain near-field transform to the problem of radiation from a PCB 12627
Craddock, R. Sensors based on silicon strain gauges 46396
Crafham, D. *see* Dierberger, K. 47967
Craford, M.G. An overview of visible light emitting diode (LED) development and the potential for AlInGaP devices 20562
Craft, B.C. *see* Johnson, R.P. 6912
Craft, D.C. *see* Hohimer, J.P. 3621
Crago, P.E. *see* Lemay, M.A. 15920
Cragon, H.G. *see* Carothers, J.D. 18394
Craig, A.D., Marston, P.C., Bakken, P.M., Vernucci, A., Benedicto, J. Applicability of different onboard routing and processing techniques to mobile satellite systems 37915
Craig, A.D. *see* Vernucci, A. 37916
Craig, D.M. *see* Taylor, E.W. 11711
Craig, E., Mecrow, B.C., Atkinson, D.J., Jack, A.G. A fault detection procedure for single phase bridge converters 16993
Craig, G.D. *see* Deford, J.F. 15475
Craig, I. *see* Edgar, G.K. 47196
Craig, J. *see* Pautet, M.B. 14452
Craig, J. *see* Pautet, M.B. 14453
Craig, J.F., Probasco, D.R. Strategic planning and the budgeting process 39502
Craig, K. *see* Islam, A.S. 33777
Craig, P., Wedlock, J. The ACCADS alarm collection system 5375
Craig, R.G.A. *see* McArdle, N. 11764
Craig, R.G.A. *see* Walker, A.C. 11744
Craig, T.M. *see* Hwa, H.R. 30537
Craig, W.P., Rappaport, C.M., Mason, J.S. A high aperture efficiency, wide-angle scanning offset reflector antenna 36372
Craighead, H.G. *see* Couillard, J.G. 42796
Craighead, H.G. *see* Lercel, M.J. 27964
Craighead, H.G. *see* Mikolas, D. 44139
Craighead, H.G. *see* Yeong-Ah Soh 27653
Crain, D.J., Sojka, J.J., Schunk, R.W., Zhu, L. Modeling Sun-aligned polar cap arcs 47254
Crain, D.J. *see* Zhu, L. 47255
Crain, J.C., Alexander, J., Diggs, B., Lytton, R., Risebig, M. Aspects for collaborative and creative writing in the classroom 5612
Crain, W.R. *see* Koga, R. 33915
Craiu, O. *see* Bala, C. 32824
Craje, M.W.J. *see* Schleijpen, H.M.A. 32083
Cram, G. *see* Field, D. 32031
Cramer, C. *see* Schmiedel, H. 6689
Cramer, E.N. Explaining the unique societal aspects of nuclear electricity to the general adult public 32558
Cramer, G., Kleinkauf, W., Schott, T. Wind/diesel/battery systems—applications, experience, economy of different system configurations and sizes 32813
Cramer, G., Kniehl, R. Autonomous wind/diesel/battery-system: a technology transfer to the People's Republic of China 32812
Cramer, G., Kniehl, R. Technology transfer allows China to build exotic power systems 40064
Cramer, G., Scott, T. Configuration, performance and operational experience of wind/diesel and wind/diesel battery systems 8245
Cramer, G. *see* Holland, J.G.F. 25338
Cramer, R.J.F., Pedersen, T.P. Improved privacy in wallets with observers 36537
Cramp, D.G. *see* Summers, R. 39104
Crampagne, J., Helier, M., Tabbara, W. MacFields: a computer aided introduction to vector analysis in electromagnetics 26106
Crampagne, R. Radio-wave propagation and Hypercard: a helpful link 4099
Crandall, K.R., Ho, D.D.-M. Scaling experiment for heavy-ion fusion final focusing 15474
Crandall, K.R. *see* Ho, D.D.-M. 15480
Crandell, D.A. *see* Phelps, R.A. 38798
Crandell, T. *see* Davis, C. 11301
Crane, A.D. The control of machine current harmonics in load commutated inverter induction motor drives 8892
Crane, D.R. Maintaining electro-hydraulic-control (EHC) systems for turbine generators using phosphate ester EHC fluid 8269
Crane, J. *see* Bowman, P. 396
Crane, J. *see* Mabulikar, D. 43066
Crane, R. HDLs extend logic-design methods, not replace them 26579
Crane, R.A. *see* Verlinden, P.J. 48123
Crane, R.L. *see* Pachter, R. 20233
Craninckx, J. *see* Steyaert, M. 34263
Crank, S.E. *see* Arugu, D.O. 2330
Cranney, J. Maximum cooling with minimum fan noise careful selection and location of fans results in cool, quiet electronic products 17837
Cranor, C.D., Parulkar, G.M. An implementation model for connection-oriented internet protocols 5540
Cranton, W.M. *see* Stevens, R. 46557
Cranton, W.M. *see* Thomas, C.B. 11861
Crask, G.J. Simplified residential peak load control 7768
Crassidis, J.L., Mook, D.J., McGrath, J.M. Automatic carrier landing system utilizing aircraft sensors 7540
Crassier, J.P. *see* Bellon, M. 39937
Crastes, M. *see* Sakouti, K. 18641
Crastes de Paulet, M. *see* Abouzeid, P. 1129
Craveirinha, J.F. *see* Antunes, C.H. 13924
Craven, D. *see* Piehler, D. 3559
Craven, P. Digital and analogue considerations for 24-bit performance from a PWM DAC 42010
Craver, W.L., Jr. *see* Wu, C.K. 8252
Cravino, F., Dellucca, M., Tesei, A. DEKF system for crowding estimation by a multiple-model approach 45058
Crawford, A.M. *see* Darie, S.I. 48037
Crawford, B.A. *see* Addleman, R.S. 7640
Crawford, F.D. *see* Zou, Y. 12111
Crawford, F.D. *see* Zou, Y. 20835
Crawford, J.D. *see* Stokes, R.B. 19124
Crawford, K. *see* Jordan, K. 15295
Crawford, K.B. *see* Koga, R. 33915
Crawford, K.B. *see* Koga, R. 34072
Crawford, L.W. *see* Sheth, A.C. 32818
Crawford, M.L. *see* Hill, D.A. 44432
Crawford, P.A. *see* Chang, D.D. 42339
Crawford, R. *see* Lohmann, D. 46810
Crawford, R.H. *see* Cavin, R. 34399
Crawford, R.H. *see* Ratliff, R. 25956
Crawford, R.L., LaManna, T.C., Jordan, K.L. Tethered aerostat VLF/LF transmitter system design considerations 7676
Crawford, R.M. Steam generator maintenance program at Point Lepreau NGS 16611
Crawford, R.M. *see* Simpson, T.R. 103
Crawford, T.F. Programs help design vacuum tube amplifier output circuits 26722
Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. Testing ADC's at sample rates from 20 to 120 MSPS 24091
Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. A test bench for evaluating fast ADCs 46297
Crawley, L. *see* Cooper, P. 37360
Crawley, M. *see* Anderson, J.McC. 39130
Crawley, P.J., Roberts, G.W. Predicting harmonic distortion in switched-current memory circuits 42093
Craxton, R.S. *see* Soures, J.M. 3410
Crayston, J.A. *see* Lee, G.R. 9802
Crazzolara, H., Flach, G., von Munch, W. Piezoresistive accelerometer with overload protection and low cross-sensitivity 14990
Creagh, K. *see* Babiak, R. 16496
Creamer, J. *see* Rosenblatt, G.H. 3481
Creamer, J.E. *see* Quarles, G.J. 18127
Crean, G.M., Cole, P.D., Stoemenos, J. $TiSi_2$ integrity within a doped silicide process step 10758
Crean, G.M. *see* Greef, R. 10895
Crean, G.M. *see* Lynch, S. 2061
Creaney, S., Johnstone, W., Hua, N.P. Low loss fibre optic polarisers using differential coupling to dielectric waveguide overlays 35383
Creath, K., Zhang, S. Linewidth determination using simulated annealing 6779
Crebbin, G. *see* Lee, M.H. 36933
Creber, K.A.M. *see* Amphlett, J.C. 25666
Crecelius, G. *see* Muller, O. 19411
Creff, H. *see* Fromont, J. 13893
Creighton, J.R., Parmeter, J.E. Metal CVD for microelectronic applications: an examination of surface chemistry and kinetics 33696
Creighton, R. *see* Barrett, M. 45888
Crelerot, O., Bernot, F., Kauffmann, J.M. Study of an electrical differential motor for electrical car 8811
Crema, E. *see* He Zhiyong 46884
Crema, V. *see* Cordioli, G. 17103
Cremer, G.A. *see* Bayens, C.A. 32755
Cremers, C.J. *see* Godfrey, W.M. 42291
Cremers, T.L. *see* Stanbro, W.D. 31045
Cremiers, F.X.de *see* de Cremiers, F.X.
Cremonesi, A. *see* D'Alto, V. 38234
Cremonesi, O. *see* Alessandrello, A. 15622
Cremonesi, O. *see* Alessandrello, A. 24024
Cremonesi, O. *see* Alessandrello, A. 24025
Cremonesi, O. *see* Alessandrello, A. 24031
Cremonesi, P., Ferrari, M., Frezzotti, A., Pavani, R. Parallel algorithms applied to direct simulation methods 41056
Cremoux, B.de *see* de Cremoux, B.
Crenn, J.P. Optical propagation of the HE_{11} mode and Gaussian beams in hollow circular waveguides 3114
Crenna, F. *see* Sanelli, C. 15539
Crenshaw, J.E., Tragoudas, S., Sherwani, N.A. High performance over-the-cell routing 43073
Crepaldi, G. The electric minibus in the historical centre and the ordinary urban network 48218
Crepaz, S. *see* Soldadino, G. 48219
Crepon, M. *see* Thiria, S. 24498
Crescentini, F. *see* Amato, G. 48231
Crescenzo, J.Di *see* Di Crescenzo, J.
Crescimbini, F. *see* Caricchi, F. 16743
Crescini, D., Ferrari, V., Marioli, D., Taroni, A. Triaxial thick film load cell 46345
Crespi, M. *see* Betti, B. 39342
Crespo, J., Serra, J. Morphological pyramids for image coding 29942

Crespo, M.A.R., Sardina, J.G.E., Larumbe, A.M., Serrano, L.M. AMIGO: a text-voice convertor for Spanish 12990
Crespo, P.M. ENDESA's environmental management 39935
Crespo, R.D., Palacios, S.L., Fernandez, S., Rodriguez, J. Power-dividers and filters performance of circular dielectric waveguide 27166
Crespo, R.D. *see* Palacios, S.L. 20353
Crespo, R.D. *see* Rodriguez, J. 12697
Crespo, R.D. *see* Rodriguez, J. 36318
Cressler, J. *see* Coane, P. 2321
Cressler, J.D., Warnock, J., Harame, D.L., Burghartz, J.N., Jenkins, K.A., Chuang, C.-T. A high-speed complementary silicon bipolar technology with 12-fJ power-delay product 19982
Cressler, J.D. *see* Chuang, C.T. 10061
Cressler, J.D. *see* Crabbe, E.F. 11146
Cressler, J.D. *see* Kobeda, E. 11291
Crestel, J., Guitton, M. On robust estimation of LP coefficients in high pitch speech analysis 13110
Crete, D.G. *see* Nguyen-Van-Dau, F. 15029
Creti, P. *see* Cataldi, G. 31666
Cretin, B., Sthal, F. Microdeformation microscopy using a vibrating tip 16031
Cretu, A. Measuring linear coils and capacitors parameters using resonant complete-aperiodic parallel circuits (the aperiodic Q-meter) 34288
Creusere, C.D. *see* Mitra, S.K. 13406
Creutzbug, R. *see* Minkwitz, T. 13460
Crevier, D. Computing statistical properties of hue distributions for color image analysis 5005
Crevits, J. *see* Gandibleux, X. 47216
Crewe, A.V. On the aberrations of uniform fields 1818
Crewe, C.M. *see* Adcock, P. 17573
Creyghton, Y.L.M., van Veldhuizen, E.M., Rutgers, W.R. Diagnostic techniques for atmospheric streamer discharges 46664
Cribb, R.M. *see* Stratton, W.M., III 29214
Cricenti, A. *see* Barchesi, C. 26727
Crichton, G.C. *see* McAllister, I.W. 6766
Crichton, J.D.A. *see* Lattimer, R.H. 9073
Crid Yu, Cheung, N.W. Plasma immersion ion implantation: a perspective 2077
Criddle, A.J. *see* Geatches, R.M. 34614
Criegern, R.von *see* von Criegern, R.
Crilley, P. *see* Dang, N.D. 22941
Crilly, P.B., Shaofan Xu Improved results for color error reductions using neural networks and a fast training algorithm 38237
Crilly, P.B. *see* Horner, S. 15881
Crilly, P.B. *see* Xu, S. 14773
Crim, D., Turney, W. Signal analyzer facilitates TDMA system design 6360
Crine, J.-P. *see* David, E. 43194
Crine, J.-P. *see* Houdayer, A. 43197
Crine, J.-P. *see* Parpal, J.-L. 16361
Crine, J.-P. *see* Parpal, J.-L. 24949
Crippa, D. *see* Simon, K. 33484
Cripps, M.D. *see* Monro, D.M. 28550
Criquet, C.M. *see* Grishin, V.K. 35905
Crisafulli, S., Bitmead, R.R. Robust adaptive quantization via Kalman filtering techniques 4700
Crisafulli, S., Medhurst, T.P. Robust on-line differentiation techniques with an application to underground coal mining 38402
Crisafulli, S., Rey, G.J., Johnson, C.R., Jr., Kennedy, R.A. A coupled approach to ADPCM adaptation 36581
Crisan, O., Liu, M. Voltage collapse prediction using an improved sensitivity approach 39515
Crisci, R.J. *see* McCormick, F.B. 43584
Crisman, J. *see* Lai, J. 4989
Crisman, J.D. *see* Yue Du 4979
Crisostomo, J., Costa, W.A., Giarola, A.J. Electromagnetic wave propagation in multilayer dielectric periodic structures 29266
Crissey, M.J. *see* Gentner, F.C. 16114
Crist, R. *see* Tulinsteff, A. 36419
Cristal, E.G. *see* Short, B.R. 19014
Cristaldi, L., Ferrero, A., Ottoboni, R. Power and current components measurement in three-phase systems under nonsinusoidal conditions 47588
Cristi, R. *see* Jamali, H. 21883
Cristiano, F. *see* Zhang, J.P. 33597
Cristiano, R., Esposito, E., Frunzio, L., Pagano, S., Barone, A., Peluso, G., Pepe, G., Akoh, H., Nagakwa, H., Takada, S. X-ray detection by Nb STJs above 1.4 K 24132
Cristiano, R., Esposito, E., Frunzio, L., Pagano, S., Barone, A., Peluso, G., Pepe, G., Akoh, H., Nakagawa, H., Takada, S. Interaction of α-particles with superconductive Nb/AlO_x/Nb structures in single junction and array configurations 38878
Cristiano, R. *see* Nakagawa, H. 15614
Cristina, S. *see* Buccella, C. 40383
Cristobal, G., Navarro, R. Space and frequency variant image enhancement based on a Gabor representation 36973
Cristofolini, I. *see* Bonollo, F. 21141
Cristoforetti, L., Pontalti, R., Cescatti, L., Antolini, R. Quantitative colorimetric analysis of liquid crystal films (LCF) for phantom dosimetry in microwave hyperthermia 32004
Cristoloveanu, S. *see* Haddara, H. 2536
Cristoloveanu, S. *see* Ionescu, A. 19803
Cristoloveanu, S. *see* Ionescu, A. 34944
Cristou, A. *see* Kalboussi, A. 18188
Criswell, D.R. Inexpensive and environmentally safe solar power for Earth from bases on the Moon 32007
Critchley, S., van Doorn, T., Waterworth, M.D. Performance characteristics of a laser based planar imaging system 47039
Crittenden, R. *see* Bar-Yam, Z. 46864
Crivii, M., Jufer, M. Driver circuit for piezoelectric motor 8471
Crnic, F., Morrison, T.H. Electrical test of multichip substrates 9300
Crnosija, P. *see* Kovacic, Z. 8658
Croce, F., Gerace, F., Scrosati, B. Interfacial phenomena in lithium polymer electrolyte batteries 17205
Crochiere, S.M. *see* Christensen, D.H. 20831
Crocker, T.R. Motion tolerant compass and attitude sensor 46374
Crockford, D. *see* Farmer, F.R. 45512
Croft, A. *see* Brown, L.A. 44161
Croft, G.D. On chip ESD protection using SCR pairs 27107
Crofton, J. *see* Barnes, P.A. 27773
Crofts, D. *see* Chenoweth, A. 14567
Crofts, G.J. *see* Damzen, M.J. 21087
Crofts, G.J. *see* Green, R.P.M. 44013
Croguenoc, A. *see* Lacroix, B. 25607
Crohn, I., Schultes, G., Gahleitner, R., Bonek, E. Irreducible error performance of a digital portable communication system in a controlled time-dispersion indoor channel 5765
Crohn, I., Schultes, G., Gahleitner, R., Bonek, E. Error floor mechanisms in indoor digital portable communications 37796
Croke, E.T., Harrell, M.J., Mierzwinski, M.E., Plummer, J.D. Use of low temperature Si MBE growth techniques for high performance SiGe/Si electronics 9586
Crols, J. *see* Steyaert, M. 10274
Crombez, P. *see* De Loore, B.J.S. 23358
Crombie, M. *see* Bailey, D. 38919
Crombie, M. *see* Bailey, D. 38920
Cromboom, O. *see* Matussek, P. 38405
Cromer, C.L. *see* Eppeldauer, G. 23607
Cromer, C.L. *see* Houston, J.M. 23605
Cromer, C.L. *see* Makai, J.P. 23610
Cromer, C.L. *see* Ohno, Y. 46276
Cromer, E. *see* Seppa, T.O. 24938
Cromer, J.-C. *see* Auvergne, J.-P. 6799
Crompton, E. *see* Maani, G.G. 16892
Crone, G. *see* Abella, C. 29315
Crone, G. *see* Abella, C. 29396
Crone, G. *see* LaFlame, D. 12766
Crone, G.A.E. Spacecraft antenna design and applications 12763
Crone, R.M., Peck, P.R., Jhen, M.S., Karis, T.E. Scaling criteria for slider miniaturization using the generalized Reynolds equation 20153
Cronin, B. *see* Rosenbaum, H. 22536
Cronin, F.J., Colleran, E.K., Herbert, P.L., Lewitzky, S. Telecommunications and growth: the contribution of telecommunications infrastructure investment to aggregate and sectoral productivity 22390
Cronin, F.J., Gold, M.A., Burnham Mace, B., Sigalos, J.L. Telecommunications and cost savings in educational services 40839
Cronin, J.E. *see* Breit, H.F. 17880
Cronin, J.P. *see* Agrawal, A. 3200
Cronin, L.B. NAMAS accreditation of automated calibration systems 46279
Cronin, M.F. *see* Fedynyshyn, T.H. 2312
Cronin, N.J. *see* Sammut, C.V. 1541
Cronin, N.J. *see* Wells, J.A. 19038
Cronin-Golomb, M. *see* Khoury, J. 13607
Cronin-Golomb, M. *see* Khoury, J. 13608
Cronin-Golomb, M. *see* Krolikowski, W. 36028
Cronjaeger, S. *see* Humer-Hager, T. 14180
Cronje, B. *see* Hanrahan, H.E. 14314
Cronk, J. Pulse and bar generation in an instant [television test system] 41715
Cronson, H.M. *see* Chu, A. 23441
Cronstrom, H., Hedberg, V., Jacobsson, C., Jonsson, L., Lohmander, H., Nyberg, M., Kenyon, I., Phillips, H., Biddulph, P., Finnegan, P., Foster, J., Gilbert, S., Hilton, C., Ibbotson, M., Mehta, A., Sutton, P., Stephens, K., Thompson, R. The H1 forward muon spectrometer 31804
Crook, A.C. *see* Caracci, S.J. 3399
Crook, A.W. *(editor)* Profiting from low-grade heat. Thermodynamic cycles for low-temperature heat sources. The Watt Committee on Energy Report No.26 47742
Crook, D., Domnitei, M., Webb, M., Bonini, J. Evaluation of modern gate oxide technologies to process charging 35051
Crooks, R.M. *see* Corbitt, T.S. 42723
Crooks, R.M. *see* Zhang, Y. 786
Croome, D.J., Cook, G.K. Building services engineering design and management: an innovative undergraduate course 120
Croot, K., Fletcher, J., Harrington, J. Levels of segmentation and labelling in the Australian National Database of Spoken Language 4555
Cros, B. *see* Becourt, N. 683
Cros, D. *see* Krupka, J. 34225
Cros, J., Astier, S., Vinassa, J.M., Lajoie-Mazenc, M., Berry, J.P. EMI tests on a brushless actuator: comparison of different operation modes 8455
Cros, J., Vinassa, J.M., Clenet, S., Astier, S., Lajoie-Mazenc, M. A novel current control strategy in trapezoidal EMF actuators to minimize torque ripples due to phases commutations 17136
Cros, J. *see* Clenet, S. 8343
Cros, Y. *see* Rocher, V. 38740
Crosbie, J., Eisenhuth, J. Transducer for the measurement of linear displacement of body segments 7327
Crosetto, D. Programmable Level-1 trigger for calorimeter 24107
Crosnier, J.-J. Precision moulding of ferrules for fiber optic connectors 20313
Crosnier, Y. *see* Theron, D. 19911
Crosnier, Y. *see* Westphalen, R. 19740
Cross, B.A., Hayhow, D.V., Postle, K.J., Bloomfield, M.H. Interactive voice, facsimile and TouchTone dialogues 22491
Cross, D.L., Douligeris, C. A fiber optic home automation system 14605
Cross, G. Power electronics computer aided engineering: an introduction 41642
Cross, J. Rinse water revisited 10795
Cross, L.E. *see* Chen, J. 11365
Cross, L.E. *see* Shaoping Li 6734
Cross, L.E. *see* Sheen, J. 2690
Cross, L.E. *see* Sheen, J. 43241
Cross, L.E. *see* Udayakumar, K.R. 11371
Cross, L.E. *see* Udayakumar, K.R. 11409
Cross, L.E. *see* Zhang, Q.M. 20076
Cross, R. Polarization measurements simplify component selection 20303
Cross, R.W. *see* Thompson, C.A. 38473
Crossland, W.A. *see* Monro, D.M. 28550
Crossland, W.A. *see* Walker, A.C. 11904
Crossland, W.A. *see* White, H.J. 11795
Crossley, M., Chima, J.S., Hayhow, D.V. Facsimile distribution systems 22490
Crossley, P. Future of the Global Positioning System in power systems 47385
Crossley, P., Davidson, M., Gale, P. Fault location using travelling waves 16478
Crossman, J. *see* Neelin, P. 15773
Crosson, E.R., Roper, C.D., Clegg, T.B. On-line, efficient, low-energy proton and deuteron polarimetry 31629
Crotti, G. *see* Bottauscio, O. 19183
Crotty, I., Lamas Valverde, J., Laurenti, G., Williams, M.C.S., Zichichi, A. The non-spark mode and high rate operation of resistive parallel plate chambers 31774
Crouch, D.D. *see* Kato, K.G. 19304
Crouch, M.A., Hilton, K.P. An introduction to GaAs/GaAlAs HBTs for power applications 19075
Crouch, M.A. *see* Henry, B.M. 2456
Crouch, P.E. *see* Tylavsky, D.J. 24668
Crousillat, E.O., Dorfner, P., Alvarado, P., Merrill, H.M. Conflicting objectives and risk in power system planning 24849
Crouzeix, M., Philippe, B., Sadkane, M. The Davidson method [symmetric matrix eigenvalues] 41162
Crouzil, A. *see* Chebaro, B. 22287
Crovini, G. *see* Demichelis, F. 27495
Crovini, G. *see* Demichelis, F. 28604
Crovini, G. *see* Leo, G. 28608
Crowcroft, J. *see* Ballardie, T. 30251
Crowcroft, J. *see* Kumar, B. 22337
Crowcroft, J. *see* Zheng Wang 30160
Crowder, J.G. *see* Allison, J.M. 47073
Crowe, J.A. *see* Phoenix, R.G. 24274
Crowe, M.S., Gu, A.Y., Skinner, B.J., Ebel, W.J. A practical approach for determining burst error distributions for convolutional codes 44697
Crowe, T.W. *see* Ali-Ahmad, W.Y. 4280
Crowe, T.W. *see* Kormanyos, B.K. 34278
Crowe, T.W. *see* Siegel, P.H. 34257
Crowell, P. *see* Hager, G.D. 12005
Crowell, P.G., Plummer, D.N. Simplified chemical oxygen iodine laser (COIL) system model 28716
Crowley, G. *see* Wang, Z. 44345
Crowley, J.D., Dalrymple, R.E., Hang, C., Luu, V., Fank, F.B. InP millimetre wave power amplifiers 27246
Crowley, J.D., Dalrymple, R.E., Hang, C., Tringali, D.R., Fank, F.B., Wandinger, L. InP Gunn diodes serve millimeter-wave applications 42198
Crowley, J.D., Hang, C., Dalrymple, R.E., Tringali, D.R., Fank, F.B., Wandinger, L., Wallace, H.B. 140 GHz indium phosphide Gunn diode 42208
Crowley, J.L., Bobet, P., Schmid, C. Auto-calibration of a stereo head to object centered reference frames 36918
Crowley, J.L. *see* Dickmanns, E.D. 45104
Crowley, R.T. *see* Vardaman, E.J. 9360
Crowley, V. *see* Caldwell, M.T.P. 38986
Crownover, R.M. *see* Chen, S.S. 21947
Crowther, M. *see* Woollard, K. 22432
Crozat, P. *see* Aniel, F. 1499
Crozat, P. *see* Sylvestre, A. 19031
Crozet, P. *see* Bouvier, A.J. 12001

Crozet, P. *see* Bouvier, A.J. 12013
Crozier, S., Datta, R., Sydor, J. Direct digital RF synthesis and modulation for MSAT mobile applications 37747
Crozier, S.N. Theoretical and simulated performance for a novel frequency estimation technique 36658
Crozier, S.N. *see* Young, R.J. 34104
Cruellas, J.C. *see* Abad, J. 29083
Cruickshank, D.G.M. Comparing the capacity of a CDMA spread spectrum with a conventional cellular system 5810
Cruickshank, J. *see* Burdess, J.S. 46392
Crull, M. *see* McCullough, C.L. 33279
Crum, D. *see* Wikswo, J.P., Jr. 911
Crum, S. Advances in liquid photoimageable solder mask technology 34382
Crum, T.D., Alberty, R.L. The WSR-88D and the WSR-88D Operational Support Facility 32081
Crump, K.R. *see* Bearnson, G.B. 15923
Crusca, F. *see* Aldeen, M. 32262
Crusselles, E. *see* Barba, A. 45813
Crutcher, L., Lazar, A.A. Management and control for giant gigabit networks 45444
Crutcher, L.A., Lazar, A.A., Feiner, S.K., Zhou, M. Management of broadband networks using 3D virtual world 14023
Crutchik, M., Appelbaum, J. Solar radiation on a catenary collector 32008
Cruz, A.dela *see* dela Cruz, A.
Cruz, C.A. Boundary scan-based system test: comparing two approaches 33342
Cruz, C.Santa *see* Santa Cruz, C.
Cruz, G. *see* New, D. 14080
Cruz, G.Gonzalez de la *see* Gonzalez de la Cruz, G.
Cruz, J.L. *see* Navarro, E.A. 36310
Cruz, J.L. *see* Navarro, E.A. 42168
Cruz, J.L. *see* Navarro, E.A. 44506
Cruz, J.M., Chua, L.O. An IC chip of Chua's circuit 28265
Cruz, J.M.de la *see* de la Cruz, J.M.
Cruz, V. *see* Sanz-Bobi, M.A. 32897
Cryan, M.J., Shepherd, P.R., Pennock, S.R. Modelling and measurement of wide FET structures 34244
Cryan, R. *see* Elmirghani, J. 30819
Cryan, R.A. Space communications employing optical position modulation 22984
Cryan, R.A. Optical-fiber digital PPM systems employing PIN-FET receivers 23060
Cryan, R.A., Al-Raweshidy, H.S., Elmirghani, J.M.H.O. Correlated and uncorrelated detection of SSP-PPM 30606
Cryan, R.A., Elmirghani, J.M.H., Clayton, F.M. Timing considerations for optical fibre PPM 23017
Cryan, R.A., Phillips, A.J., Senior, J.M. Optically preamplified *n*-ary PPM systems 30707
Cryan, R.A., Phillips, A.J., Senior, J.M. Optical-fiber PPM soliton systems: implications of the Gordon-Haus effect 30730
Cryan, R.A., Phillips, A.J., Senior, J.M. Optical fibre PPM employing direct detection optically preamplified receivers 30796
Cryan, R.A., Unwin, R.T. Optimal and suboptimal detection of optical fibre digital PPM 23001
Cryan, R.A. *see* Al-Raweshidy, H.S. 30809
Cryan, R.A. *see* Elmirghani, J.M.H. 5932
Cryan, R.A. *see* Elmirghani, J.M.H. 6096
Cryan, R.A. *see* Elmirghani, J.M.H. 14642
Cryan, R.A. *see* Elmirghani, J.M.H. 14815
Cryan, R.A. *see* Elmirghani, J.M.H. 28458
Cryan, R.A. *see* Elmirghani, J.M.H. 29423
Cryan, R.A. *see* Elmirghani, J.M.H. 30721
Cryan, R.A. *see* Elmirghani, J.M.H. 38038
Cryan, R.A. *see* Elmirghani, J.M.H. 45909
Cryan, R.A. *see* Elmirghani, J.M.N. 45928
Cryan, R.A. *see* Milner, S.H. 5623
Cryan, R.A. *see* Milner, S.H. 22470
Cryan, R.A. *see* Milner, S.H. 44750
Cryan, R.A. *see* Philips, A.J. 5957
Cryan, R.A. *see* Phillips, A.J. 43443
Csenki, A. Cumulative operational time analysis of finite semi-Markov reliability models 41005
Cserhati, A.F. *see* Sarcona, G. 11111
Csillag, L. *see* Janossy, M. 43714
Csillag, P. *see* Fazekas, K. 13808
Csiszar, I. *see* Ahlswede, R. 21462
Cu Chenglin, Zhou Keding, Li Langru Three dimensional computation of flux and loss distributions in power transformer cores. III. Overlapped joints 8488
Cuan, G. *see* Dabral, S. 294
Cubbage, R.W. *see* Powell, W.E. 22420
Cubber, A.M.De *see* De Cubber, A.M.
Cubillo, J.P., Fisher, M.H. Digital image processing and machine vision—an educational support package 13845
Cucchiara, R. Analysis and comparison of different genetic models for the clustering problem in image analysis 45118
Cucej, Z. *see* Mohorko, J. 36915
Cucej, Z. *see* Planinsic, P. 36959
Cuciurean-Zapan, C., Dougherty, E.R. Computational morphology and representation of operators between complete lattices 29941
Cucka, P., Rosenfeld, A. Evidence-based pattern-matching relaxation 4876
Cucurachi, S., D'Orazio, A., De Sario, M., Petruzzelli, V., Prudenzano, F. Design of a Ti:$LiNbO_3$ sensor for the simultaneous measurement of stress and temperature 31158
Cudd, P. *see* Hawley, M. 39111
Cudney, H.H. *see* Richard, J.S. 20075
Cudney, R.S., Fousek, J., Zgonik, M., Gunter, P., Garrett, M.H., Rytz, D. Photorefractive and domain gratings in barium titanate 20073
Cuellar, E., Kennedy, M.T., Roberts, D.R. Static fatigue testing of optical fibers in water immersion 3065
Cuellar, E., Kennedy, M.T., Roberts, D.R., Ritter, J.E., Jr. Zero stress aging and the static fatigue transition in optical glass fibers 2987
Cuellar, E., Kennedy, M.T., Roberts, D.R., Ritter, J.E., Jr. Accelerated static fatigue behaviour of optical glass fibres 35366
Cuellar, E. *see* Kennedy, M.T. 2994
Cuellar, J. *see* Wirzbicki, M.A. 19681
Cuellar Salinas, Y. *see* Gomez Exposito, A. 24695
Cuervo, F., Helmy, D. Applying the IN-service life cycle process to UPT 37627
Cueto, J.Del *see* Del Cueto, J.
Cuffe, R.W. Transducers for ship's hull stress monitoring 46394
Cugusi, L. *see* Antonelli, A. 24054
Cuhaci, M. *see* Ittipiboon, A. 12744
Cuhaci, M. *see* Reddy, C.J. 4246
Cuhaci, M. *see* Reddy, C.J. 21429
Cuhls, K. *see* Breiner, S. 40854
Cui, D.F. *see* Lu, H.B. 33716
Cui, G.-J. *see* Zhang, J. 26517
Cui, T.J., Liang, C.H. Reflection from fractal Cantor layers in a rectangular waveguide 21329
Cui, T.J., Liang, C.H. Reconstruction of the permittivity profile of an inhomogeneous medium using an equivalent network method 36162
Cui, T.J., Liang, C.H., Chen, J. Comments on "Complex images for electrostatic field computation in multilayered media" 36116
Cui, Y., Ding, T.N., Hatten, D.L., Hill, W.T., III, Goldhar, J. Frequency tuning of a distributed feedback dye laser with two transmission gratings 20658
Cui, Y. *see* Kirlin, R.L. 12600
Cui, Y. *see* Withers, D.E. 3852
Cui, Z., Prewett, P.D., Martin, B. Optimisation of rim phase shift masks for contact holes 28012
Cui Dafu *see* Dafu Cui
Cui Dunjie *see* Dunjie Cui
Cui Jie *see* Jie Cui
Cui Kun *see* Zeng Xiaoyan 12494
Cui Qian *see* Qian Cui
Cui Ronglong, Wu Shousong Lead alloys for maintenance-free and sealed lead/acid batteries 17225
Cui Shufan *see* Shufan Cui
Cui Wei *see* Wei Cui
Cui Yan *see* Yan Cui
Cui Yuzhen *see* Ni Qiuya 25723
Cui Zhi *see* Zhi Cui
Cuifang Liang *see* Xiaodong Han 25791
Cuifang Liang *see* Liang Cuifang
Cuilenburg, J.van *see* van Cuilenburg, J.
Cuiling Xue *see* Xue Cuiling
Cuiping Li *see* Li Cuiping
Cuiwei Li *see* Li Cuiwei
Cuiyun Qu *see* Qu Cuiyun
Cukr, M. *see* Nachtwei, G. 19391
Cukrov, I.V. Croatian Electric Power System. What to do further? 24618
Culbertson, J.C. *see* Newman, H.S. 1380
Culik, K., II, Dube, S., Rajcani, P. Efficient compression of wavelet coefficients for smooth and fractal-like data 4844
Culioli, J. *see* Abouelkaram, S. 7673
Cull, R.C. *see* Landis, G.A. 32013
Cullen, A.L. *see* Luk, K.-M. 4048
Cullen, C., Benedicto, X., Tafazolli, R., Evans, B. The networking of dynamic satellite constellations 22823
Cullen, C., Benedicto, X., Tafazolli, R., Evans, B. Network and common channel signalling aspects of dynamic satellite constellations 45898
Cullen, C. *see* Anderson, J.McC. 39130
Cullen, C.J., Benedicto, X., Tafazolli, R., Evans, B. The design and networking of dynamic satellite constellations for global mobile communication systems 37948
Cullen, D. *see* Dawson, J.F. 36245
Cullen, P.J., Fannin, P.C., Molina, A. Wide-band measurement and analysis techniques for the mobile radio channel 22847
Culler, D.C. *see* Lumetta, S. 47399
Culley, J. *see* Brown, R.J. 32103
Culling, J.F., Summerfield, Q., Marshall, D.H. Effects of simulated reverberation on the use of binaural cues and fundamental-frequency differences for separating concurrent vowels 29562
Cullis, A.G., Canham, L.T., Williams, G.M., Smith, P.W., Dosser, O.D. Light emission from porous silicon subjected to rapid thermal oxidation 19568
Cullis, A.G. *see* Canham, L.T. 41399
Cullis, A.G. *see* Mowbray, D.J. 33629
Culshaw, B. *see* Smith, G.R. 5049
Culshaw, B. *see* Uttamchandani, D. 6538
Culshaw, B. *see* Vengsarkar, A.M. 38546
Culver, R., Groover, R., Hamzehoost, A., Huang, C.C. 'Thin' QFP—the next generation high pincount surface mount challenge 26194
Cumberledge, W.S., Pickard, B.D. A practical approach to ink drop detection 38511
Cumbi, M.J.N., Shepherd, D.W., Hulley, L.N. Development of a knowledge-based (expert) system (PECT) for power electronic circuit design 1028
Cuming Tang *see* Tang Cuming
Cumming, D. *see* Colbourne, E.B. 7635
Cumming, R.G. *see* Kremann, R.W. 16649
Cummings, A. *see* Aubourg, E. 19925
Cummings, A. *see* Stockwell, W. 18495
Cummings, A. *see* Young, B.A. 24033
Cummings, B. *see* Dale, C. 39241
Cummings, B.A. Detection of defects in the application of caps on baby food jars 31127
Cummings, C.E. Generating ASIC test vectors with Verilog 34034
Cummings, J. Defining groupware and other impossible tasks 45487
Cummings, J.P. *see* Bar-Yam, Z. 46864
Cummings, K.D., Resnick, D.J., Frackoviak, J., Kola, R.R., Trimble, L.E., Grant, B., Silverman, S., Haas, L., Jennings, B. Study of electron beam patterning of resist on tungsten X-ray masks 27973
Cummings, T. *see* Bidault, F. 17777
Cummings, W.C. *see* Sonnenschein, A. 22932
Cummings, W.J. *see* Hausser, O. 31645
Cundari, M. *see* Abedian, B. 20080
Cunfu Liu *see* Liu Cunfu
Cunha, M.P.da *see* da Cunha, M.P.
Cunha, M.P.de *see* de Cunha, M.P.
Cunhao Zhang *see* Zhang Cunhao
Cuniot, M., Dixmier, J., Elkaim, P. Unusual magnetron sputtered a-Si:H materials obtained at high deposition rates as favourable precursors for the preparation of large-grain-size crystallized thin silicon films 41417
Cunli Chen *see* Chen Cunli
Cunlin Zhang, Meiwen Yu, Yongyuan Yang, Jun Li, Erjian Wang A new initiation system for holographic recording material 29046
Cunningham, B. *see* Wagner, L.F. 11176
Cunningham, C. *see* Givens, J. 43093
Cunningham, D. *see* Miyake, C.I. 29007
Cunningham, D.G. *see* Constable, J.A. 12147
Cunningham, D.G. *see* Constable, J.A. 20865
Cunningham, G.S., Williams, W.J. Fast implementation of time-frequency distributions 13337
Cunningham, J., Haykin, S. Neural network detection of small moving radar targets in an ocean environment 4889
Cunningham, J.E. Recent developments in gas source molecular beam epitaxy 9577
Cunningham, J.E. *see* Bo Su 42535
Cunningham, J.E. *see* Carraresi, L. 23619
Cunningham, J.E. *see* Fox, A.M. 10690
Cunningham, J.E. *see* Froberg, N.M. 43519
Cunningham, J.E. *see* Goossen, K.W. 3377
Cunningham, J.E. *see* Goossen, K.W. 11681
Cunningham, J.E. *see* Goossen, K.W. 35497
Cunningham, J.E. *see* Goossen, K.W. 43530
Cunningham, J.P., Blewett, C.D., Anderson, J.S. Graphical interfaces for network operations and management 22445
Cunningham, M.J., Astami, K. The effect of ultrasonic frequency on the accuracy of gas flowmeters 23569
Cunningham, P.R., Fahndrich, M., Oliver, J.W., Bertlesen, T., Frye, R. High speed laser diagnostics at 1.06 micron with simultaneous percussion hole drilling of aerospace materials 29076
Cunningham, R. Vertical-cavity diode lasers 35844
Cunningham, R.A. *see* Lilley, J.S. 7394
Cunningham, T. *see* Krabach, T.N. 23630
Cuntai Guan *see* Guan Cuntai
Cuny, P., Thomas, R.W. Quality assurance for components in Europe and the USA 17945
Cuo Changming *see* Chen Mingli 7604
Cuomo, J.J. *see* Joshi, R.V. 2220
Cuomo, J.J. *see* Moske, M.A. 2229
Cuomo, J.J. *see* Moske, M.A. 2230
Cuomo, J.J. *see* Roy, R.A. 815
Cuomo, K.M., Oppenheim, A.V., Strogatz, S.H. Synchronization of Lorenz-based chaotic circuits with applications to communications 29660
Cuomo, K.M., Oppenheim, A.V., Strogatz, S.H. Robustness and signal recovery in a synchronized chaotic system 45406
Cuperman, V., Gersho, A. Low delay speech coding 4467
Cuperman, V. *see* LeBlanc, W.P. 44756
Cuperman, V. *see* Wu, J. 36549
Cupido, L. *see* Willard, C. 5821
Cupitt, J. *see* Martinez, K. 6370
Cuppens, R. *see* Taylor, D.J. 35193
Cuppini, M. Methods of assigning spectral resources in mobile radios 37755
Curatolo, T. *see* Dahlman, J. 40349
Curcio, G. *see* Testa, A. 32410
Curdy, J.P. Negacoax—sensing the hot spots 6448
Curi, W.F. Automated first and second order moment equations for probabilistic analysis of large scale circuits and systems 9921
Curian, H. *see* Friedrich, M. 15334

Curinga, S. *see* Braccini, C. 5400
Curio, G., Reill, L., Sandfort, J., Erne, S.N., Scheer, J., Stehr, R., Trahms, L. Nerve, plexus and spinal cord: possible targets for non-invasive neuromagnetic measurements in man 31884
Curioni, A., Fara, G., Rivoli, G., Ostellina, N. Automation and management of the production of electricity by third-parties 32644
Curlander, J.C., Rice, R.A., Cathey, W.T. Ferroelectric liquid-crystal-based binary optical memory employing feedback 2934
Curlander, J.C. *see* Wai-Chi Fang 41969
Curling, C.J. *see* Van Berkel, C. 31299
Curow, M. *see* Ghione, G. 10455
Curran, E.P. *see* Allen, W.J.J. 1735
Curran, F.M., Solvey, J.S., Myers, R.M. Electric propulsion: an evolutionary technology 32050
Curran, T. *see* Tierney, M. 37571
Current, K.W. Current-mode CMOS multiple-valued logic circuits 41857
Current, W. Analog CMOS IC block-diagram-level design capture, functional simulation, and layout assembly 28267
Currie, G.D. *see* Corner, G.A. 7511
Currie, J. *see* Ivanov, D. 46402
Currie, K.R., LeClair, S.R. Self-improving process control for molecular beam epitaxy 733
Currie, N.C. *see* Williamson, F.R. 6131
Currivan, B., Flohr, M. A complex adaptive equalizer ASIC 37700
Curry, B.P. *see* Fink, C.L. 46735
Curry, S., Schuckman, K. Practical considerations for the use of airborne GPS for photogrammetry 39362
Curry, S.M. *see* Pemble, M.E. 26436
Cursolle, J.P. *see* Leger, A. 47200
Curtice, W.R. *see* Weatherford, T.R. 35030
Curtice, W.R. *see* Weatherford, T.R. 43005
Curtin, M. *see* Byrne, M. 10228
Curtin, M. *see* Byrne, M. 31138
Curtin, M. *see* Byrne, M. 39037
Curtin, M.S. *see* Cover, R.A. 20929
Curtin, M.S. *see* Lampel, M.C. 29075
Curtis, B.J., Mantle, H. Reactive ion etching of niobium in SF_6/O_2 to produce sloped sidewall profiles 2866
Curtis, C.L., Ritchie, J.E., Sailor, M.J. Fabrication of conducting polymer interconnects 19274
Curtis, D. *see* Kugizaki, R. 38620
Curtis, G. *see* Woias, P. 6608
Curtis, I.A. *see* Clarke, R.J. 26988
Curtis, J.A. *see* Fiedziuszko, S.J. 27248
Curtis, K., Psaltis, D. Cross talk in phase-coded holographic memories 28440
Curtis, K. *see* Burr, G.W. 11580
Curtis, K.M. *see* Allen, T.J. 11777
Curtis, K.M. *see* Bonnyman, J. 44771
Curtis, K.M. *see* Walmsley, N.P. 36983
Curtis, L. *see* Eskildsen, L. 12066
Curtis, P., Nichols, D.A. MUDs grow up: social virtual reality in the real world 45513
Curtis, R. Introduction to SONET ATM 45363
Curtis, S. *see* Ellison, M. 38779
Curtis, S. *see* Lee, S.Y. 7040
Curtis, S.A. *see* Caussyn, D.D. 7026
Cury, L.A. *see* Nogaret, A. 19371
Cury, L.A. *see* Porto, J.A. 27511
Curzi-Dascalova, L. *see* Medigue, C. 39056
Cusani, R., Jacovitti, G. A two-stage Bayesian approach for complex blind channel equalization 4353
Cusani, R., Jacovitti, G. Adaptive image coding with harmonic angular filters 22197
Cushing, K.M. *see* Bustard, C.J. 8174
Cushing, M.J., Mortin, D.E., Stadterman, T.J., Malhotra, A. Comparison of electronics-reliability assessment approaches 41018
Cushley, W. *see* De La Rue, R.M. 46519
Cushman, P., Bhatti, A., Bonamy, P., Comby, G., Cushman, P., Ernwein, J., Fenker, H., Grunhaus, J., Hou, S.R., Hubbard, J.R., Hulbert, M., LeDu, P., Leedom, I., Maghakian, A., Melese, P., Milstene, C., Reucroft, S., Rusack, R., Ruuska, D., Yasuda, T., Titov, A., Wang, A. Particle identification in SDC: shower maximum and preshower detectors 24012
Cushman, P., Hou, S. A position sensitive detector for the g-2 experiment using pencil fibers 31732
Cushman, P. *see* Cushman, P. 24012
Cushman, P. *see* Hulbert, M. 7206
Cusick, T.W. Boolean functions satisfying a higher order strict avalanche criterion 29485
Cussol, D. *see* He Zhiyong 46884
Custer, J.S. The amorphous side of solid phase epitaxy 9573
Custer, J.S., Polman, A., Snoeks, E., van den Hoven, G.N. High concentrations of erbium in crystal silicon by thermal or ion-beam-induced epitaxy of erbium-implanted amorphous silicon 9591
Custer, J.S., Polman, A., Snoeks, E., van den Hoven, G.N. High concentrations of erbium in crystal silicon by thermal or ion-beam-induced epitaxy of erbium-implanted amorphous silicon 18231
Custer, J.S., Polman, A., Van Pinxteren, H.M. Erbium in crystal silicon: segregation and trapping during solid phase epitaxy of amorphous silicon 41272
Custer, J.S. *see* Liefting, R. 34929
Custer, W.D., Linsdell, R.C., Shoemaker, S.W. The world printed circuit industry 41030
Cutchin, J.H., Marshall, P.W., Weatherford, T.R., Langworthy, J., Petersen, E.L., Campbell, A.B., Hanka, S., Peczalski, A. Heavy ion and proton analysis of a GaAs C-HIGFET SRAM 34064
Cutcliffe, S. *see* Clark, D.J. 22884
Cuthbert, L. *see* Sanchez, J. 30806
Cuthbert, L. *see* Sara, L. 37295
Cuthbert, L.G. *see* Pitts, J.M. 37060
Cuthbert, L.G. *see* Schormans, J.A. 30167
Cuthbertson, A. *see* Swatland, H.J. 15045
Cutkosky, M.R. *see* Howe, R.D. 6381
Cutler, A., Kearns, R., Norris, D., Scott, D.R. Listeners' responses to extraneous signals coincident with English and French speech 13002
Cutler, A., Kearns, R., Norris, D., Scott, D.R. Problems with click detection: insights from cross-linguistic comparisons 29516
Cutler, L.S., Giffard, R.P. Architecture and algorithms for new cesium beam frequency standard electronics 23392
Cutler, L.S. *see* Breakiron, L.A. 23765
Cutler, L.S. *see* Giffard, R.P. 23397
Cutler, L.S. *see* Vig, J.R. 20100
Cutler, M. *see* Chiang, D.R. 18692
Cutler, R.T., Ginder, W.J., Hillstrom, T.L., Johnson, K.L., Mason, R.L., Pietsch, J. RF vector signal analyzer hardware design 23484
Cutler, R.T. *see* Blue, K.J. 23481
Cutolo, A., Calafiore, G., Zeni, L. Supergaussian mirrors based on thermo-optical effect 28932
Cutolo, A. *see* Breglio, G. 15220
Cutolo, A. *see* di Stasio, S. 3014
Cutrer, D. *see* Pepeljugoski, P. 43949
Cutrer, D.M. *see* Pepeljugoski, P.K. 35856
Cutright, P.J. Applying innovative technology to the needs of the distant learner 22599
Cuttone, G. *see* Migneco, E. 7144
Cutts, D. Operation of the D0 data acquisition system 38894
Cutts, D.J. Pricing general road usage using vehicle borne electronics 33125
Cutugno, F. *see* Basile, P. 4543
Cutugno, F. *see* Cerrato, L. 13006
Cuvelier, L., Macq, B., Maison, B., Vandendorpe, L. Optimized interpolation filters for compatible pyramidal coding of TV and HDTV 30994
Cuvelier, L. *see* Delogne, P. 29949
Cuyper, B.De *see* De Cuyper, B.
Cuypers, G. *see* Kuindersma, P.I. 5984
Cuypers, G. *see* Kuindersma, P.I. 38132
Cuzin, M. *see* Armengaud, L. 31790
Cvetkovic, S.R., An Ping Zhao, Punjani, M. Automated finite-element solution of nonlinear optical waveguide problems in two dimensions 44089
Cvijanovic, P. *see* Ljubicic, B. 39945
Cvitanovic, P., Pikovsky, A. Cycle expansion for power spectrum 36672
Cybrowski, W.J. *see* Smith, D.R. 37168
Cygan, D., David, F., Eul, H.J., Hofmann, J., Metzner, N., Mohr, W. RACE-II advanced TDMA mobile access project—an approach for UMTS 45847
Cygan, P.J., Jow, T.R. The effects of surface plasma treatment on dielectric properties of polyvinylidene fluoride (PVDF) film 43176
Cygan, P.J. *see* Yen, S.P.S. 10534
Cygan, P.J. *see* Yen, S.P.S. 17148
Cyganski, D., Vaz, R.F., Wright, C.R. Model-based 3-D object pose estimation from linear image decomposition and direction of arrival analysis 5050
Cyganski, D. *see* Khurana, I.S. 5060
Cyganski, D. *see* Wright, C.R. 4918
Cymbrykiewicz, Z., Mielcarek, W. Reactions and processes observed at sintering of varistor 10525
Cymbrykiewicz, Z., Wilczynski, W. Control of the temperature of ferromagnetic-paramagnetic transformation in soft ferrites 11474
Cyr, N., Tetu, M., Breton, M. All-optical microwave frequency standard: a proposal 6286
Cyr, N., Tetu, M., Breton, M. Study on an all optical microwave frequency standard 6301
Cyr, N. *see* Breton, M. 3655
Cyr, N. *see* Tetu, M. 6033
Czajkowski, I.K. *see* Davies, I.G.A. 28880
Czapek, G. *see* Abplanalp, M. 24046
Czarczynska, H., Dziedzic, A., Licznerski, B.W., Lukaszewicz, M., Seweryn, A. Fabrication and electrical properties of carbon/polyesterimide thick resistive films 1752
Czarkowski, D., Kazimierczuk, M.K. Phase-controlled series-parallel resonant converter 8496
Czarkowski, D., Kazimierczuk, M.K. Single-capacitor phase-controlled series resonant converter 9949
Czarkowski, D., Kazimierczuk, M.K. Circuit models of PWM half-bridge DC-DC converter 9954
Czarkowski, D., Kazimierczuk, M.K. Integral control of PWM DC-DC buck-derived converters 18468
Czarkowski, D., Kazimierczuk, M.K. Application of state feedback with integral control to pulse-width modulated push-pull DC-DC convertor 41631
Czarkowski, D. *see* Kazmierczuk, M.K. 25521
Czarnecki, L.S. Supply and loading quality improvement in sinusoidal power systems with unbalanced loads supplied with asymmetrical voltage 47343
Czarnecki, W. Gibbs random field texture model 13798
Czarniak, A., Szczepanski, S., Jakusz, J. A linearized CMOS transconductor based on bias offset technique 1084
Czarske, J., Hock, F., Muller, H. Quadrature demodulation—a new LDV-burst signal frequency estimator 6812
Czech, G., Lehner, N., Schluter, C., Lepuschitz, T., Beauchemin, B., Schulz, R., Daraktchiev, I., Sinkwitz, S. Influence of organic contamination on resist profiles 28048
Czech, I., Clarysse, T., Vandervorst, W. On the reduction of carrier spilling effects during resistance measurements with the spreading impedance probe 42619
Czech, I. *see* Snauwaert, J. 42542
Czernichowski, A. *see* Lesueur, H. 25955
Czichy, R.H., Wittig, M. Diffractive optics for advanced free space laser communication terminals 14672
Czirr, J.B., Jensen, G.L. Flux normalization for d-T sources 47239
Czolk, R. *see* Kraus, S.C. 6471
Czolowska, B., Kowalski, T. Evaluation of test method for determining bond capabilities of impregnation varnish for electrical insulation 8303
Czornyj, G. *see* Tummala, R.R. 9290
Czuchlewski, S.J. *see* Bigio, I.J. 20634
Czuchlewski, S.J. *see* Harris, D.B. 3422
Czuchlewski, S.J. *see* Sullivan, J.A. 3426
Czumaj, A., Gibbons, A. Problems on pairs of trees and the four colour problem of planar graphs 18026
Czura, W. *see* Atherton, D.L. 908
Czychon, K.-H., Haffmann, E. Principles and experience upon using an integrated plant management system 32569
Czylwik, A. Channel capacity and new modulation schemes for high-speed fiberoptic transmission systems 30785
Czyzak, B. *see* Stankowski, J. 2880

da Costa, C.S., Clark, M. Synchronous or asynchronous transfer mode to support multimedia services 5594
Da Costa, F. *see* Mohamed, S.A. 29190
Da Costa, I.G. New technologies and signalling systems, from electronic interlockings to mobile blocks 8940
da Costa Carmo, L.F.Rust *see* Rust da Costa Carmo, L.F.
da Cunha, M.P., Adler, E.L. A network model for arbitrarily oriented IDT structures 24545
da Fonseca, R.J.M., Ferdj-Allah, L., Despaux, G., Boudour, A., Robert, L., Attal, J. Scanning acoustic microscopy—recent applications in materials science 18327
da Fonseca, R.J.M. *see* Doghmane, A. 42822
da la Fuente, J.I. *see* Conejo, A. 7843
Da Loura, G. *see* Morin, P. 5682
Da Lun Wang *see* Wang Da Lun
da Rocha, J.F. *see* Hein, B. 30559
da Rocha, J.F. *see* Matos, J.N. 30294
da Rocha, J.F. *see* Matos, J.N. 30770
da Rocha, V.C., Jr *see* Fan, P.Z. 36502
Da Ros, R. *see* Bacchetta, N. 38865
Da Ros, R. *see* Bacchetta, N. 46842
Da Silva, A. *see* Aubourg, E. 19925
Da Silva, A. *see* Stockwell, W. 18495
Da Silva, A. *see* Young, B.A. 24033
da Silva, A.M.Leite *see* Leite da Silva, A.M.
da Silva, C.E.T.Goncalves *see* Goncalves da Silva, C.E.T.
da Silva, E.A., Ghanbari, M. A DCT-based aliasing cancellation method in subband coding 22045
da Silva, E.R.C. *see* Aydemir, M.T. 25880
da Silva, K. *see* Goldstein, E.L. 23006
da Silva, L., Bastos, F., Schapeler, G., Veiga, G., Pang, D., Bigham, J. Design aspects of the GMS integration into TMN 37291
Da Silva, L. *see* Osterheld, A.L. 43721
Da Silva, L.B. *see* Moreno, J.C. 35646
Da Silva, L.B. *see* Nilsen, J. 28692
da Silva, M.F. *see* Rodriguez, T. 19412
da Silva, M.P. *see* Masetti, E. 10897
da Silva, V. *see* Eskildsen, L. 37981
da Silva, V. *see* Fermann, M.E. 3240
da Silveira, A.C.F. *see* Morosini, M.B.Z. 12204
da Silveira, A.C.F. *see* Patel, N.B. 20869
Da Xiaoyi *see* Wang Cuquan 21095
Da Xiaoyi *see* Wang Cuquan 21114
Da Xiaoyi *see* Wang Cuquan 29043
Da Xiaoyi *see* Wing Cuquan 12411
Da Xie *see* Xie Da
Da-Cheng Li *see* Li Da-Cheng
Da-Chong Wang *see* Wang Da-Chong
Da-Jin Wu *see* Li Cao 12034
Da-Jin Wu *see* Ling Lin 12033

Da-Lin Xie *see* Xie Da-Lin
Da-Xiu Chen *see* Chen Da-Xiu
Daaboul, A.A. *see* Bowron, P. 42034
Daalder, J.E. *see* Bruggemann, G. 25499
Daalen, M.van *see* van Daalen, M.
Daalmans, G.M. *see* Ramos, J. 28410
Daanen, A. 100000 transistors for a cordless telephone. ADPCM speech coding for DECT and CT2 5408
Dab, W. Electromagnetic fields and health: decision perspectives 15933
Dababneh, M.I.S. Optimum spectrum utilization with regard to digital cellular mobile communications 5797
Dabbaghchi, I., Gursky, R.J. An abductive expert system for interpretation of real-time data [of substations] 25603
Dabbicco, M., Tommasi, R., Cingolani, R., Lepore, M., Ferrara, M., Kuroda, Y., Suemune, I. Exciton scattering processes in $ZnSe/ZnS_xSe_{1-x}$ MQW structures 20854
Dabbicco, M. *see* Stevens, C.J. 42514
Dabbs, W.W., Sabin, D.D., Grebe, T.E., Mehta, H. Probing power quality data 47505
Dabiran, A.M., Nair, S.K., He, H.D., Chen, K.M., Cohen, P.I. Al and Ga diffusion barriers in molecular beam epitaxy 33613
Dabiran, A.M. *see* de Boer, M.P. 33668
Dabirikhah, H., Turner, C.W. Anomalous behaviour of flexural waves in very thin immersed plates [acoustic wave sensors] 11424
Dabkowski, F.P., Chin, A.K., Gavrilovic, P., Alie, S., Beyea, D.M. Temperature profile along the cavity axis of high power quantum well lasers during operation 20813
Dableh, J.H., Findlay, R.D., Szabados, B., Belmans, R., Lie, S. Investigation of the air gap influence on the performance and cost optimization of a squirrel cage induction motor 8385
Daboczi, T., Kollar, I. Optimal reconstruction of transient signals using deconvolution algorithms 13258
Dabozci, T. *see* Rahim, A.A. 4689
Dabral, S., Zhang, X., Wu, X.M., Yang, G.-R., You, L., Lang, C.I., Hwang, K., Cuan, G., Chiang, C., Bakhru, H., Olsen, R., Moore, J.A., Lu, T.-M., McDonald, J.F. $\alpha\ \alpha'\ \alpha''\ \alpha'''$ poly-tetrafluoro-p-xylylene as an interlayer dielectric for thin film multichip modules and integrated circuits 294
d'Abreu, M.A. *see* Chatterjee, A. 34101
d'Abreu, M.A. *see* Roy, R.K. 26865
Dabrowski, A., Braszak, A. Adaptive infinite impulse response hybrids for primary rate ISDN 14277
Dabrowski, A.J., Iwanczyk, J.S., Wang, Y.J., Madden, M., Szawlowski, M. Recent advances with mercuric iodide X-ray detectors and large area silicon avalanche photodiodes 24069
Dabrowski, A.M., Dabrowski, W.R., Ogorzalek, M.J. Dynamic phenomena in chain interconnections of Chua's circuits 26741
Dabrowski, J., Mokrosinski, A., Pszczolkowski, W. Analysis of the influence of selection parameters of GTO snubber's diode during turn off process 8611
Dabrowski, M. Prognosing scientific research in the field of electromechanical and electromagnetic energy converters 47831
Dabrowski, W.R. *see* Dabrowski, A.M. 26741
Dacheng Li *see* Li Dacheng
Dacheng Zhang *see* Zhang Dacheng
Dachs, C. *see* Roubaud, F. 34986
Dachun Fang *see* Fang Dachun
Dack, D. Whatever is happening to networks? 45589
Dacos, I. *see* Manikas, A. 44922
Dadda, L. *see* Dell'Acqua, A. 7283
Dadda, L. *see* Dell'Acqua, A. 46998
D'Addio, E., Di Bisceglie, M., Bottalico, S. Detection of moving objects with airborne SAR 46080
Dadej, A.J. *see* Floreani, D.J. 22828
Dadfar, M.B., Evans, S.W. An instructional token ring model on the Macintosh computer 45565
Dading Huang *see* Huang Dading
Daduna, H., Schassberger, R. Delay time distributions and adjusted transfer rates for Jackson networks 5211
Dae Choi Bong *see* Bong Dae Choi
Dae Hwan Kim, Byung Su Seol, Dae Yong Kim, Young gap You Design of memory test circuit for sliding diagonal patterns 1219
Dae Hwan Kim *see* Sun Bok Lee 1705
Dae Kim Seong *see* Seong Dae Kim
Dae Sik Kim, Poong Hyun Seong Optimal testing input sets for reduced diagnosis time of nuclear power plant digital electronic circuits 41735
Dae Woo Lee, Wu Il Lee Degradation characteristics by hot carrier injection of n-channel MOSFET with gate-n$^-$ S/D overlapped structure 2557
Dae Yong Kim *see* Dae Hwan Kim 1219
Dae-Gwan Kang *see* Jung-Suk Goo 42923
Dae-Kon Oh *see* Ji-Beom Yoo 662
Dae-Kon Oh *see* Kwang-Ryong Oh 35500
Dae-Young Sung *see* Yon-Tack Chung 11185
Daele, P.Van *see* Van Daele, P.
Daemen, J. Limitations of the Even-Mansour construction [cryptography] 12902
Daemen, J., Bosselaers, A., Govaerts, R., Vandewalle, J. Collisions for Schnorr's hash function FFT-hash presented at Crypto '91 12897
Daemen, J., Govaerts, R., Vandewalle, J. A hardware design model for cryptographic algorithms 12939
Daemen, J., Govaerts, R., Vandewalle, J. A framework for the design of one-way hash functions including cryptanalysis of Damgard's one-way function based on a cellular automaton 12968
Daemen, J., Govaerts, R., Vandewalle, J. Resynchronization weaknesses in synchronous stream ciphers 29489
Daemen, L.L. *see* Russell, G.J. 31540
Daemi, M.F., Sardana, H.K., Ibrahim, M.K. Recognition of line patterns using moments 22094
Daemi, M.F. *see* Aggoun, A. 4995
Daemi, M.F. *see* Keissarian, F. 4922
Daemi, M.F. *see* Sardana, H.K. 4914
Daemi, M.F. *see* Sardana, H.K. 45095
Daeseok Rho *see* Yunseok Ko 32268
Daey Ouwens, C. The Netherlands is ripe for a demonstration of biomass 8041
Daey Ouwens, J. *see* Schropp, R.E.I. 33060
Daey Ouwens, J. *see* Schropp, R.E.I. 33069
Dafopulos, V., Heumann, K. Measuring installation for solar electricity generation potential on two sites [Germany and Greece] 40467
Dafu Cui *see* Zhenghao Chen 38508
Dagata, J.A., Tseng, W., Schneir, J., Silver, R.M. Nanofabrication and characterization using a scanning tunneling microscope 34726
Dagata, J.A. *see* Bennett, J. 2124
Dagata, J.A. *see* Bennett, J. 42614
Dagata, J.A. *see* Tseng, W.F. 42461
Dagen, A.J., Iskandar, A., Banerjee, C., Nease, G., Vancraeynest, J., Chan, N., Campanella, P. Results of propagation loss and power delay profile measurements in an urban microcellular environment 37808
Dagenais, M. *see* I-Fan Wu 3298
Dagenais, M. *see* Lotem, H. 3617
Dagenais, M. *see* Merritt, S.A. 2152
Dagenais, M. *see* Pan, Z. 12132
Dagenais, M. *see* Pan, Z.G. 12137
Dagenais, M. *see* Shijun Jiang 35855
Dagenais, M. *see* Shijun Jiang 35890
Dagenais, M. *see* Yeh, P.S. 11883
Daghighian, F., Mazziotta, J.C., Hoffman, E.J., Shenderov, P., Eshaghian, B., Siegel, S., Phelps, M.E. Intraoperative beta probe: a device for detecting tissue labeled with positron or electron emitting isotopes during surgery 39000
Daghighian, F., Shenderov, P., Pentlow, K.S., Graham, M.C., Eshaghian, B., Melcher, C.L., Schweitzer, J.S. Evaluation of cerium doped lutetium oxyorthosilicate (LSO) scintillation crystals for PET 15734
Dagianti, A., Feigenbaum, H. *(editors)* Echocardiography 1993. Proceedings of the 8th International Congress on Echocardiography 86
Dagle, J.E. SMES benefit analysis using a production cost model for Puget Sound application 48150
Dagli, A.A. *see* Akeson, J.K. 45709
Dagli, C.H. *see* Rosandich, R.G. 17823
Dagli, N. *see* Babic, D.I. 12188
Dagli, N. *see* Hu, S.Y. 12091
Dagli, N. *see* Huang, T.C. 28511
Dagnino, A. *see* Feighan, P. 47158
D'Agostino, G. Cayley graphs of virtually free groups 9416
D'Agostino, M. *see* Mastinu, P.F. 31723
d'Agostino, R., Fracassi, F. Plasma etching processes 2181
d'Agostino, R., Lamendola, R., Favia, P., Giquel, A. Fluorinated diamondlike carbon films deposited from radio-frequency glow discharge in a triode reactor 41452
D'Agostino, S., D'Inzeo, G., Marietti, P., Betti-Berutto, A. Design and realization of a low-noise front end for a RDSS mobile terminal 5756
D'Agostino, S., Massenzio, M. A comparison of nonlinear behavior between matrix and distributed amplifiers 1071
D'Agostino, S., Paoloni, C. Power distributed amplifier based on interdigital combiners 10494
D'Agostino, S., Paoloni, C. On stability in the MMIC distributed amplifier 42220
Dagys, M., Kancleris, Z., Simniskis, R., Backstrom, M., Thibblin, U., Wahlgren, B. Microwave pulsed high power measurement in a free space making use of resistive sensors 31404
Dahao Guo *see* Guo Dahao
Dahele, J.S. *see* Haskins, P.M. 29336
Dahele, J.S. *see* Wei Chen 21407
Dahi, N. *see* Gauthier, R.R. 31247
Dahinden, V. *see* Fischer, H.G. 16939
Dahint, R. *see* Bender, F. 46517
Dabinten, T., Plodereder, U., Seilmeier, A., Vodopyanov, K.L., Allakhverdiev, K.R., Ibragimov, Z.A. Infrared pulses of 1 picosecond duration tunable between 4 μm and 18 μm 3870
Dahiya, R.P., Sharma, S.C. Time dependence of electrode potential drop for MHD generator channel conditions 25731
Dahl, C. Fast decoding of codes from algebraic curves 44717
Dahl, E. *see* Hofstad, P. 24872
Dahl, L. *see* Angert, N. 6905
Dahl, R.E. *see* Mingui Sun 7433
Dahl, R.W. *see* Hahn, S.J. 39101
Dahl-Jensen, E. *see* Adam, W. 7259
Dahl-Jensen, E. *see* Adam, W. 31715
Dahl-Jensen, E. *see* Adam, W. 46929
Dahl-Petersen, S. *see* Grunnet-Jepsen, A. 3505
Dahl-Petersen, S. *see* Lumholt, O. 20667
Dahlberg, B. Increasing test accuracy by varying driver slew rate—and is even that enough? 28239
Dahlbom, M., Cherry, S.R., Eriksson, L., Hoffman, E.J., Wienhard, K. Optimization of PET instrumentation for brain activation studies 15735
Dahlbom, M. *see* Guerrero, T.M. 15739
Dahlbom, M. *see* Wienhard, K. 47046
Dahlen, A., Fattah, A., Hanke, G., Karthaus, E. Bridgman and Czochralski growth of Ge-Si alloy crystals 33586
Dahlgren, P. *see* Liden, P. 1119
Dahlgren, R.P., Katis, N.H. Computer-controlled technique for cutting curved grooves in polished fiber-optic coupler substrates 35330
Dahlheimer, B. *see* Horn-von Hoegen, M. 33648
Dahlheimer, B. *see* Kohler, U. 9612
Dahlman, H., Beneke, S. Correlator for precision measurements: simple operation with industrial computer board 31120
Dahlman, J., Girard, S., Miller, G., Beede, D., Curatolo, T. A microprocessor based intelligent battery charger 40349
Dahlstrom, R.K. *see* Wellman, R.J. 46096
Dahm, G. *see* Elsner, H. 27914
Dahm, G. *see* Elsner, H. 28003
Dahme, R., Fischer, A., Wesfphal, V. X-ray testing—a service for aviation 47169
Dahmen, K.H. *see* Gerfin, T. 10994
Dahnoun, N., Schlindwein, F.S. Introducing undergraduate students to the use of digital signal processors 33272
Dahong Du *see* Contreras, M. 8769
Dahono, P.A., Sato, Y., Kataoka, T. Analysis of switching and conduction losses in hysteresis current-controlled inverters 25530
Dahringer, D.W. *see* Jin, S. 41501
Dahroji *see* Kimura, N. 16242
Dai, C. *see* Belli, P. 7236
Dai, F., Omar, A.S. Field-analysis model for predicting dispersion property of coupled-cavity circuits 1451
Dai, H., Choo, M., Starzyk, J.A. Noninvasive voltage measurement through an on-chip test structure [IC testing] 11283
Dai, H., Janz, S., Normandin, R., Buchanan, M. Monolithic integration of surface-emitting harmonic generator with InGaAs/GaAs single quantum well laser 3401
Dai, H., Lin, H.T., Stafsudd, O.M. Optical gain and laser action in rhodamine-doped solid-state PT-ORMOSIL composites 28745
Dai, H., Normandin, R., Janz, S., Chatenoud, F., Delage, A. Design optimization of multilayer nonlinear antiresonant waveguides for blue-green surface normal second-harmonic generation 12385
Dai, H., Stafsudd, O.M. Emission cross section and quantum efficiency for the 1.55 μm laser transition in Er^{3+} doped sodium β''-alumina crystal 20739
Dai, H. *see* Janz, S. 11635
Dai, H. *see* Janz, S. 21071
Dai, H. *see* McFarland, E.W. 13524
Dai, H.K. On synchronous strictly non-blocking concentrators and generalized-concentrators 30573
Dai, J., MacKenzie, I.G., Tyler, J.E.M. Stochastic modeling of temporal information in speech for hidden Markov models 36616
Dai, J., Tyler, J.E.M., MacKenzie, I.G. Fuzzy smoothing of HMM parameters using the Parzen window 13011
Dai, J. *see* Fang Fu-Qi 32259
Dai, J. *see* Lin, H. 35972
Dai, K. *see* Fischer, P.B. 27931
Dai, P. *see* Youzhu Zhang 34522
Dai, R. *see* Popovic, D.B. 24323
Dai, S. *see* Zhang, X. 36705
Dai, W.W.-M. *see* Staepelaere, D. 33827
Dai, W.W.-M. *see* Zhu, Q. 26771
Dai, X. *see* Ja, Y.H. 20323
Dai, X. *see* Ja, Y.H. 20324
Dai, X. *see* Rajakarunanayake, Y. 18171
Dai, X. *see* Zheng, G.F. 40494
Dai, X.J. *see* Ding, J.M. 16231
Dai, Y., Imai, H., Iwano, K., Katoh, N. How to treat delete requests in semi-online problems 41090
Dai Changjiang *see* Chen Yu 6924
Dai Guangxi *see* Cai Wei 31794
Dai Guangxi *see* Wu Heyu 23996
Dai Hua The best approximation by real symmetric matrices on the linear manifold 18063
Dai Jian-Hua *see* Jian-Hua Dai
Dai Kui, Shen Qing, Shouron Hu Two-value image data compressing and recovering using improved neural network 5024
Dai Laifa *see* Chen Xikun 31249

Dai Li *see* Li Dai
Dai Limin *see* Limin Dai
Dai Qingyuan *see* Qingyuan Dai
Dai Shu-Ho *see* Shu-Ho Dai
Dai Wenjin *see* Wenjin Dai
Dai Wenxiang *see* Cen Wenhui 24812
Dai Wenxiang *see* Wenxiang Dai
Dai Yisong *see* Lou Tao 15187
Dai Yisong *see* Luo Tao 34913
Dai Yisong *see* Shi Jiawei 28844
Dai Yisong *see* Shi Yaowu 44818
Dai Yisong *see* Yisong Dai
Dai Yuandong *see* Yuandong Dai
Dai Yusheng *see* Guo Dahao 12074
Dai Zhi-Min *see* Zhi-Min Dai
Dai Zizhu *see* Zhang Xizhong 31827
Dai Zng-Duo *see* Zng-Duo Dai
Dai Zong-Duo *see* Zong-Duo Dai
Dai-Hua Wang *see* Wang Dai-Hua
Daido, H. *see* Tsunemi, H. 11939
Daigang Wen *see* Wen Daigang
Daigneault, C. *see* Sousa, E.S. 37768
Daigo, M. *see* Ohsugi, T. 46838
Daigo, M. *see* Tamura, N. 46889
Daijavad, S., Rubin, B.J. Detailed analysis of a realistic canonical structure in electromagnetic radiation problems 44458
Daikhin, L. *see* Urbakh, M. 35198
Daikoku, T. *see* Ashiwake, N. 287
Daikoku, T. *see* Ashiwake, N. 288
Daikoku, T. *see* Kieda, S. 321
Dailing, J. *see* Honcharenko, W. 37694
Daillant, B. *see* Vallet, C. 15513
Daily, M.R. *see* Napolitano, L.M., Jr. 328
Daily, M.R. *see* Napolitano, L.M., Jr. 9937
Daily, W.K., Dawalibi, F. Measurements and computations of electromagnetic fields in electric power substations 48031
Daily, W.K. *see* Ma, J. 32463
Daimon, M. *see* Kim, J.H. 41436
Dainelli, A. *see* Bellato, M. 7096
Dainelli, A. *see* Fortuna, G. 6906
Daino, B., Roveri, A. Optical technologies in the CNR telecommunication project 46018
Dainty, P. *see* Hall, T.J. 11905
Daio, H., Shimura, F. Dependence of minority-carrier recombination lifetime on surface microroughness in silicon wafers 19320
Dairaku, M. *see* Tsuji, H. 28422
Daishido, T. *see* Nakajima, J. 6165
Daizhun, C. *see* Labuntsov, V.A. 40304
Dajani, H. *see* Kunov, H. 15261
Dajani, I. *see* Brauer, M.L. 35990
Dajin Lu *see* Lu Dajin
Dajun Cheng Influence of chirality parameter on the propagation characteristics of elliptical chirowaveguide 29240
Dajun Cheng, Yushen Zhao, Weigan Lin Spectral impedance boundary condition (SIBC) method for a spherical perfect electric conductor (PEC) with an uniform biisotropic coating 4037
Dakhin, A.A. *see* Ametov, S.D. 28940
Dakin, J.P., Xu, M.G., Geiger, H. Multiplexing methods for fibre optic strain sensors 46478
Dakovic, Z. *see* Jankovic-Ramljak, G. 45717
Dakovska, S.D. *see* Dimova, E.V. 23469
Dakshinamurthy, S. *see* Johns, B. 736
Daku, B.L.F. *see* Donald, D.A. 29185
Dakui Zhuang *see* Zhuang Dakui
Dal Bello, A. *see* Signorini, C. 31799
Dal Col, V., Incardona, M., Jona, G. A new range of electric hybrid and multimodal commercial vehicles for urban 'missions' 48264
Dal Corso, F. *see* Gasparini, F. 46980
Dal Corso, S. *see* Obadi, A. 9566
Dal Fante, M. *see* Spinelli, P. *(editor)* 63
Dal Fiume, D. *see* Frontera, F. 15669
Dal Kwack Kae *see* Kae Dal Kwack
Dal Lago, A. *see* Bemasconi, A. 22782
Dal Lago, A. *see* Bernasconi, A. 14420
dal Lago, E. The Hitachi 'SH' RISC microcontrollers 41935
Dal Poz, S. *see* D'Alto, V. 38234
Dalachartre, P., Vray, D., Peyrin, F., Dziedzic, A., Gimenez, G. Time-frequency analysis applied to sandy bottom echoes 14720
Dalal, V., Knox, R., Moradi, B. Measurement of Urbach edge and midgap states in amorphous silicon p-i-n devices 20531
Dalal, V.I. *see* Moradi, B. 26506
Dalal, V.L., Baldwin, G. Design and fabrication of graded bandgap solar cells in amorphous Si and alloys 33054
Dalal, V.L., Leonard, M., Baldwin, G. Fabrication of amorphous silicon materials and solar cells at high temperatures using ECR deposition techniques 33713
Dalal, V.L., Ping, E.X., Kaushal, S., Bhan, M.K., Leonard, M. Growth of high quality amorphous silicon films with significantly improved stability 41464
Dalas, E., Kobotiatis, L. Primary solid-state batteries constructed from copper and indium sulphides 8734
Dalay, B.S., Parkin, R.M. A mechatronic approach to the measurement of linear motion on machine tool slideways 46635
Dalay, B.S. *see* Parkin, R.M. 6479
Dalbey, R.Z. *see* Groshens, T.J. 41474
Dalby, R. *see* Baumann, J. 20839
Dalby, R.J. *see* Baumann, J.A. 41303
Dalby, R.J. *see* Yellen, S.L. 12199
Dalcin, J.R. *see* Bandler, S.W. 19266
Dale, B.G. *see* Daniels, J.M. 414
Dale, C., Marshall, P., Cummings, B., Shamey, L., Holland, A. Displacement damage effects in mixed particle environments for shielded spacecraft CCDs 39241
Dale, C. *see* LaBel, K.A. 39254
Dale, C.J., Marshall, P.W. Radiation response of 1300 nm optoelectronic components in a natural space environment 3632
Dale, C.J. *see* Hines, J.H. 11420
Dale, M. *see* Kowalczyk, A. 13028
Dale-Jones, R., Tjahjadi, T. A study and modification of the local histogram equalization algorithm 4830
Dalenback, B.-I., Kleiner, M., Svensson, P. Audibility of changes in geometric shape, source directivity, and absorptive treatment—experiments in auralization 14840
Dalenback, B.-I. *see* Kleiner, M. 14844
d'Alessandro, A., Smith, D.A., Baran, J.E. Polarisation-independent low-power integrated acousto-optic tunable filter/switch using APE/Ti polarisation splitters on lithium niobate 3239
d'Alessandro, A. *see* Smith, D.A. 28537
d'Alessandro, C., Richard, G. Random wavelet representation of unvoiced speech 13082
d'Alessandro, C. *see* Richard, G. 13114
D'Alessio, T., Knaflitz, M., Balestra, G., Paggi, S. On-line estimation of myoelectric signal spectral parameters and nonstationarities detection 31923
Daley, J.G. *see* Schoenung, S.M. 33086
Dalgliesh, R. *see* Besnard, P. 3532
Dalglish, R.L., McGarrity, C., Restrepo, J. Hardware architecture for real-time laser range sensing by triangulation 38562
Dalglish, R.L. *see* McGarrity, C. 4988
Dali Yang *see* Yang Dali
Dalicieux, P. *see* Rongere, F.-X. 25857
Dalimin, M.N. Rural electrification and potential of photovoltaics in Sabah, Malaysia 25273
Dalkir, Y.R., Lee, M.C. Radar studies of lightning-induced plasmas with potential applications to radio communications and space surveillance 21251
Dall, F.C. *see* Loboda, M.J. 26504
Dalla Betta, G.F., Graffi, S., Masetti, G., Kovacs, Z.M. Design of a CMOS analog programmable cellular neural network 1378
Dallal, I., Mustillo, P. CCITT audiographics standards 37223
Dallal, Y.E., Jacobsen, G., Shamai, S. Analytical upper bounds for noisy phase optical communication invoking Gaussian quadratic functionals 5901
Dall'Ara, R., Holtmann, Ch., Brenner, T., Besse, P.A., Melchior, H. Polarization insensitive multifunctional monolithically integrated optical amplifier/photodetector 35628
Dallas, J.A. *see* Monro, D.M. 28550
Dalle Molle, J.W. The N-th order cumulant-spectral principal domain, stationary set, and transient set 36732
Dalle Molle, J.W. *see* Maiwald, D. 4741
Dalle Molle, J.W. *see* Moulines, E. 4743
Dalle Mollet, J.W. *see* Maiwald, D. 36731
Dallen, J.V. *see* Smith, R.C. 8184
Dallery, Y. *see* Atmaca, T. 37102
Dallery, Y. *see* Baynat, B. 5553
Dallery, Y. *see* Baynat, B. 26276
Dallmann, H. *see* Pinkvos, V. 45755
Dally, A.J. *see* Hanafi, H.I. 42957
Dally, J.W. *see* Read, D.T. 924
Dally, J.W. *see* Read, D.T. 9809
D'Almagne, B. *see* Adam, W. 46929
D'Almeida, S. *see* Kazdaghli, A. 17046
Dalmia, A.K., Trivedi, M.M. A real time implementation of structure estimation using image streams 29827
Dalnodar, D. *see* Brittain, K. 39287
Dalpasso, M., Favalli, M., Olivo, P., Ricco, B. Parametric bridging fault characterization for the fault simulation of library-based ICs 2663
Dalpasso, M., Favalli, M., Olivo, P., Ricco, B. Fault simulation of parametric bridging faults in CMOS IC's 18555
Dalpasso, M. *see* Favalli, M. 2689
Dalpasso, M. *see* Favalli, M. 33947
Dalpiaz, G., Maggiore, A. Monitoring automatic machines 9241
Dalpiaz, P. *see* Antonelli, A. 24054
Dalpiaz, P.Ferretti *see* Ferretti Dalpiaz, P.
Dalrymple, D.G. Nuclear plant life assurance scoping study nuclear & conventional piping 16547
Dalrymple, R.E. *see* Crowley, J.D. 27246
Dalrymple, R.E. *see* Crowley, J.D. 42198
Dalrymple, R.E. *see* Crowley, J.D. 42208
Dalsgaard, P., Andersen, O., Jorgensen, R. On the identification of phonemes using acoustic-phonetic features derived by a self-organising neural network 4499
Dalstein, T. *see* Ernst, M. 38281
D'Alto, V., Cremonesi, A., Casnati, A., Dassie, L., Dal Poz, S. Video deghosting using adaptive echo-detecting IIR filters 38234
Dalton, C., Watson, G., Banks, D., Calamvokis, C., Edwards, A., Lumley, J. Afterburner [network-independent card for protocols] 5473
Dalton, C.J. Practical results of multiple passes through video codecs 45671
Dalton, L.R. *see* Steier, W.H. 43481
Dalton, L.R. *see* Xu, C. 44070
Dalu Huang *see* Huang Dalu
Daly, C.H. *see* Sanders, J.E. 24151
Daly, D. *see* Poon, P.C.H. 20470
Daly, E.J. *see* Harboe-Sorensen, R. 39253
Daly, E.J. *see* McNulty, P.J. 34073
Daly, J. *see* Singerman, R. 24150
Daly, J.C. *see* Ghosh, D. 14359
Daly, J.M. North American electrotechnical standards harmonization 203
Daly, P. Navstar GPS and GLONASS: global satellite navigation systems 23236
Daly, P.J. *see* Davids, C.N. 24115
Daly, P.M., Ohley, W.J. Semitransparent reconstruction of cardiac structures from MR data 31906
Daly, S. *see* Willers, M.J. 8655
Dam, B., Ghosh, N., Mallick, A.B., Saha, A.R. An efficient ASIC solution for measurement of telephone dial test parameters 45682
Dam, C.P.van *see* van Dam, C.P.
Dam, L.Van *see* Van Dam, L.
Dam, N.-E. *see* Larsen, J.G. 2878
Dam, P. *see* Adam, W. 7259
Dam, P. *see* Adam, W. 31715
Dam, Ph. *see* Adam, W. 46929
Dam, P.van *see* van Dam, P.
Damakoa, I., Audounet, J., Bouyssou, G., Vasilieff, G. Laser cavity modelling 3704
Damarla, T., Sathaye, A. Applications of one-dimensional cellular automata and linear feedback shift registers for pseudo-exhaustive testing 18578
Damarla, T.R., Wei Ning Zhao A learning algorithm for a CMAC-based system and its application for classification of ultrasonic signals 36697
Damaschke, P. A tight upper bound for group testing in graphs 41060
Dambier, G. *see* Zhou, J.W. 6499
Dambkes, H. *see* Kosslowski, S. 19144
Dambkes, H. *see* Leier, H. 27249
Damblin, J.L. *see* Margat, C. 14451
Damborg, M.J. *see* Connor, J.T. 32181
Damborg, M.J. *see* Muchlinski, S. 32236
Dambra, C., Magnanelli, L., Pellegretti, P., Serpico, S.B. Classification of remote sensing images by an improved CF approach 13784
Dambra, C., Monti, P., Pagliughi, A., Regazzoni, C. Time-invariant filtering and segmentation of SAR images by using mean-field annealing 14692
Dambrine, G., Danneville, F., Cappy, A. Noise parameters of active devices: from device physics to characterization methods 27253
Dambrine, G. *see* Danneville, F. 1596
Dambrine, G. *see* Happy, H. 11240
Dambrine, G. *see* Kruck, J.F. 27219
D'Ambrosio, A. *see* Carlomusto, L. 32223
D'Ambrosio, C., Gys, T., Leutz, H., Piedigrossi, D., Puertolas, D., Tailhardat, S. Photon counting with a hybrid photomultiplier tube (HPMT) 27441
D'Ambrosio, M., Melen, R. On the limit behavior of the ATM traffic within a network 13863
D'Ambrosio, M. *see* Coppo, P. 30172
Damdinov, B.B. *see* Lomukhin, Yu.L. 4116
D'Amelio, C. *see* Bartoloni, A. 32087
Damerdash, N.A. *see* Alhamadi, M.A. 47895
Damerell, A.E. *see* Danson, C.N. 3569
Damerell, C.J.S. CCD vertex detectors in particle physics 46844
Damgaard, G. *see* Adam, W. 7259
Damgaard, G. *see* Adam, W. 31715
Damgaard, G. *see* Adam, W. 46929
Damgard, I. *see* Brandt, J. 9420
Damgard, I. *see* Brandt, J. 12893
Damgard, I.B. Practical and provably secure release of a secret and exchange of signatures 36534
Damgard, I.B., Knudsen, L.R. The breaking of the AR hash function 29498
Damgov, V.N. The spectrum of the oscillations in a short-range autodyne system 38144
Damgov, V.N. *see* Biryuk, N.D. 9928
Dambaug, A.C., Mathisen, K.M., Okstad, K.M. The use of sparse matrix methods in finite-element codes for structural mechanics applications 41213
Dami, M.A. *see* Mouillet, A. 28356
Damiano, J.P., Papiernik, A. A simple and accurate model for the resonant frequency and the input impedance of printed antennas 21408
Damiano, J.P., Papiernik, A. Survey of analytical and numerical models for probe-fed microstrip antennas 36384
Damiano, J.P., Staraj, R. Accurate CAD model for the analysis of microstrip antennas of various form with a dielectric cover 29331
Damiano, J.P. *see* Bennegueouche, J. 21382
Damiano, R.J., Jr. *see* Hsia, P.-W. 24328
D'Amico, A. *see* Caliendo, C. 6406
D'Amico, A. *see* Davide, F.A.M. 6401
D'Amico, A. *see* Di Natale, C. 6431

D'Amico, J.N., Gebizlioglu, O.S. Moisture permeability of steam resistant telephone cables 5693
D'Amico, J.N. *see* Bowmer, T.N. 5692
Damjanic, F. *see* Bencic, Z. 11188
Damjanovich, D. *see* Majdandzich, N. 16579
Damle, S.H., Sarkar, B.K., Basu, A.K., Chakravarty, I., Kulkarni, A. Indian MST radar: some technological features 30907
Damljanovic, D.D. Remodeling the p-n junction 27510
Damm, G., Babonneau, G., Beylot, A.-L., Becker, M. Performance evaluation of a multimedia server for ATM networks 37548
Damm, U. Initial operating experience with the counter-flow adsorber for flue gas cleaning at Dusseldorf-Flingern refuse incineration plant 39953
Dammann, E. *see* Bartzke, K. 38468
Dammann, E. *see* Bauer, J. 35459
Dammann, E. *see* Goring, R. 3101
Dammann, M., Stockmeier, T., Baltes, H. Minority carrier lifetime measurements after high temperature pre-treatment 2551
Dammel, R., Khadim, M. Host-guest effects in the interaction of developers with phenolic resins 11065
Dammel, R.R. *see* Yeh, T.F. 11016
Dammer, U., Adkins, C.J., Asal, R., Davis, E.A. The effect of hydrogenation on the electric properties of amorphous silicon-nickel alloys near the metal-insulator transition 42432
Dammer, U., Anselmetti, D., Dreier, M., Frommer, J., Funfschilling, J., Gerth, G., Guntherodt, H.-J., Haefke, H., Hidber, H.-R., Howald, L., Hug, H.J., Jung, T.H., Lang, H.P., Luthi, R., Meyer, E., Moser, A., Parashikov, I., Reimann, P., Richmond, T., Ruetschi, M., Rudin, H., Schwarz, U.D., Staufer, U., Sum, R. Scanning probe microscopy for industrial applications: selected examples 28348
Damodaran, A.D. *see* Varma, H.K. 41498
Damon, D.H. *see* Jeffery, A. 35175
Damon, D.H. *see* Yin, W. 43143
D'Amore, D., Fornaciari, W. A SPICE-based approach to steady state circuit analysis 963
D'Amore, D., Maffezzoni, P., Pillan, M. A Newton-Powell modification algorithm for harmonic balance-based circuit analysis 41620
D'Amore, M., Feliziani, M. The EMC course for electrical engineering at University of Rome 'La Sapienza' 44399
D'Amore, M., Sarto, M.S. EMP-coupling to multiconductor dissipative lines with nonlinear loads above a lossy ground 44484
Damosso, E., Vannini, R. The role of territorial data in the planning of cellular networks: utilization criteria for minimizing prediction errors 37869
D'Amour, P.R., Block, W.R. Modern user interface revolutionizes supervisory systems 39485
Damper, R.I. *see* Sullivan, K.P.H. 29535
Dampier, F.W., Bennett, J.M. Rechargeable lithium-copper chloride 10 AHr size rectangular cell 17200
Dampz, J., Klotsche, R., Weiss, M. Multimedia terminals: advantages, technology, networking 22708
Damschen, C. Dimensioning of superconducting magnetic energy storage systems for load leveling in railway traction power systems 17533
Damsgaard Mikkelsen, S. *see* Bak-Jensen, J. 16457
Damsky, B.L. *see* McDonald, D.J. 47997
Damsky, B.L. *see* Urbanek, J. 25605
Damstra, G.C. *see* Fu, Y.H. 8707
Damstra, G.C. *see* Shang, W. 8706
Damstra, G.C. *see* Shang, W.K. 1770
Damuck, N., Perrotti, J., III A guide to inductive proximity switches 34307
Damy de S. Santos *see* Bueno, C.C. 7204
Damzen, M.J., Baldwin, K.J., Soan, P.J. Optical switching and high-resolution image transfer in a saturable dye spatial light modulator 44048
Damzen, M.J., Green, R.P.M., Crofts, G.J. Reflectivity and oscillation conditions of a gain medium in a self-conjugating loop geometry 21087
Damzen, M.J. *see* Green, R.P.M. 44013
Dan, M. *see* Irone, M. 47091
Dan, M. *see* Lacquaniti, L.G. 7428
Dan, S., Chauhan, B., Maggo, G., Bhattacharya, A., Thakur, A., Bhattacharjee, A.K. Input impedance of rectangular microstrip antennas for different feed sizes 4287
Dan, S., Kakusho, K., Kitahashi, T. Shape recovery from a monocular image by relaxative application of orthogonality hypothesis 22033
Dan Chen *see* Chen Dan
Dan Guzun, B. The fine art of teaching on synchronous machine 40822
Dan Watts, W. *see* Eversmeyer, K.E. 5075
Dan-Kang Hu *see* Hu Dan-Kang
Dana, M. *see* Bayle, P. 18416
Dana, M. *see* Rothig, W. 33945
Dana, S.S., Anderle, M., Rubloff, G.W., Acovic, A. Chemical vapor deposition of rough-morphology silicon films over a broad temperature range 838
Danailov, M. *see* Magni, V. 21085
Danailov, M.B. *see* Milev, I.Y. 35737
Danared, H. Electron cooling at CRYRING 6942
Danared, H. Fast electron cooling with a magnetically expanded electron beam 6978
Danared, H. *see* Abrahamsson, K. 15584
Danared, H. *see* Bagge, L. 15311
Danbatta, U.G. *see* Przybylski, M.M. 4156
Danbury, R.N. Servomechanisms for incremental motion-power dissipation considerations 25458
Dance, B. Integrated wafer tracking: a flexible approach 34659
Dance, D., Bryson, P. Cost of ownership for inspection equipment 17927
Dance, D.L. Meeting future defect density requirements for microelectronics 2641
Dance, D.R. *see* Sandborg, M. 24191
Dance, D.R. *see* Sandborg, M. 24222
Dance, D.R. *see* Sandborg, M. 24223
Dancil, C. *see* Rose, J.W. 2484
Danckaert, J., Thienpont, H., Veretennicoff, I. Polarization induced switching and polarization bistability in nonlinear planar resonators with a diffusive nonlinearity 3797
Danckwerth, D. *see* Bruder, J.A. 46086
Dancygier, M., Benitah, L., Frigerio, J.-M. Investigation of ferrite surface treatments by spectroscopic ellipsometry 11480
Dandawate, A.V. Testing for presence of *k*th-rder cyclostationarity 4728
Dandawate, A.V., Giannakis, G.B. Differential delay-Doppler estimation using second- and higher-order ambiguity functions 23111
Dandawate, A.V., Giannakis, G.B. Nonparametric cyclic-polyspectral analysis of AM signals and processes with missing observations 44851
Dandawate, A.V., Giannakis, G.B. Nonparametric polyspectral estimators for kth-order (almost) cyclostationary processes 44937
Dandawate, A.V. *see* Gianakis, G.B. 13319
Dandliker, R. *see* Herzig, H.P. 12484
Dandliker, R. *see* Morel, J. 3480
Dandliker, R. *see* Morel, J. 3500
D'Andrea, A.N., Mengali, U., Vitetta, G.M. Multiple phase synchronization in continuous phase modulation 4373
D'Andrea, N.A., Luise, M. Design and analysis of a jitter-free clock recovery scheme for QAM systems 14399
D'Andrea, R. *see* Balbo, N. 8887
Dandridge, A. *see* Fabiny, L. 31260
Dandy, D.S. *see* Coltrin, M.E. 18253
Dane, C.B. *see* Hackel, L.A. 27812
Danehy, P.M., Friedman-Hill, E.J., Lucht, R.P., Farrow, R.L. The effects of collisional quenching on degenerate four-wave mixing 12342
Danek, M., Patnaik, S., Jensen, K.F., Gordon, D.C., Brown, D.W., Kirss, R.U. tert-butyl(trifluoromethyl)tellurium: a novel organometallic chemical vapor deposition source for ZnTe 18262
Danel, J.S., Camon, H. Silicon micromachining 42745
Danesfahani, G.R., Jeans, T.G., Evans, B.G. Multirate extensions to COSSAP and lessons learnt from developing advanced models 5855
Danesfahani, G.R. *see* Kurpiers, A.F. 5746
Danesh, P. *see* Toneva, A. 9706
Daneshvar, O., Hill, J., Miyazaki, Y. Development of a dual layer core loose tube fiber optic cable and its tensile window analysis 6015
Danev, G., Spassova, E., Spangenberg, B., Ingwersen, J., Hilkenbach, R. An As_2S_3/C bilayer resist system for submicron lithography 27820
Dang, C., Chaaban, M. Thermal performance modeling of power cable joints 16418
Dang, L.S. *see* Haas, H. 11687
Dang, M. *see* Sabouni, I. 22644
Dang, M. *see* Saheb, H. 14326
Dang, N.D., Pike, D., Claydon, B., Crilley, P. A stabilised satellite terminal for hostile marine environments 22941
Dang, V., Huang, Y., Siu, N., Carroll, J. Analyzing cognitive errors using a dynamic crew-simulation model 39927
Dang Jianwu *see* Jianwu Dang
Dang Le Si *see* Le Si Dang
Dang Van Mien, H., Klein, F. Robust control for hydraulic power plants 25251
Dang Xiaochuan *see* Gan Zhongming 5840
Dang Xiaozhong *see* Xing Qijiang 18211
Dangakis, K., Tombras, G., Paschalis, A., Papavramidis, A., Kostarakis, P. Development of a conformance test system for ERMES receivers 37826
Dangakis, K. *see* Papavramidis, A. 37801
D'Angelo, A., Babusci, D., Bellini, V., Capogni, M., Casano, L., Ghio, F., Girolami, B., Hu Leifang, Moricciani, D., Picozza, P., Schaerf, C. Polarized Ladon gamma-beams: results and perspectives (the GRAAL project) 6943
d'Angelo, A., Green, L. Ghost Machine: a filmmaker's optical image processor 45167
D'Angelo, E.J. *see* Brambilla, M. 35917
D'Angelo, E.J. *see* Coates, A.B. 35650
D'Angelo, J. *see* Baucke, R.C. 44356
D'Angelo, R., Kimball, C.V., Kostek, S., Plona, T.J. High-order ultrasonic harmonic generation by a circular transducer 16057
Danger, T., Sandrock, T., Heumann, E., Huber, G., Chai, B. Pulsed laser action of Pr:$GdLiF_4$ at room temperature 3539
Danger, T. *see* Brede, R. 12039
Danger, T. *see* Sandrock, T. 35713
Dangerfield, W., Garrett, S., Bond, M. Caller display and call return 14073
Dangla, J. *see* Fournier, V. 2444
Dangla, J. *see* Jarrix, S. 2607
Dangla, J. *see* Konczykowska, A. 11116
Dangla, J. *see* Pascal, F. 19766
Danhua Cao *see* Cao Danhua
Danicki, E. Reversing multistrip coupler 2745
Danicki, E. Theory and applications of RMSC 2773
Danicki, E., Bogucki, D. Wave propagation and scattering in elastic plate with periodically grooved surface 16036
Daniel, D., Joly, I., Therond, P.G. Magnetic energy storage for pulse sources 40498
Daniel, D. *see* Clement, M. 25027
Daniel, D. *see* Therond, P. 39574
Daniel, E.M. *see* Railton, C.J. 44334
Daniel, G., Tola, F., Swinhoe, M., Roesgen, P. Confinement system and associated physical surveillance measures by surveillance video 31043
Daniel, H.S. *see* Moore, D.R. 3039
Daniel, J., Aggarwal, R.K., Johns, A.T. Three terminal line protection based on a superimposed component impedance relay 7999
Daniel, J.-P. *see* Himdi, M. 29390
Daniel, S.L., Jr. *see* Adler, R.B. 47543
Daniel, S.W. Computer deprocessing of product wafer defectivity data 443
Daniel, T. *see* Tayrani, R. 11235
Daniel, T. *see* Tayrani, R. 42201
Daniel, V.W. Estimating bulk properties of an MHD channel 25776
Daniel, W.T. Design verification of a high density computer using IEEE 1149.1 1156
Daniele, V., Gilli, M., Zich, R.E. Low frequency characterization of planar wire-mesh shields, loaded by general bianisotropic stratified structures 44439
Danielius, R., Piskarskas, A., Stabinis, A., Banfi, G.P., Di Trapani, P., Righini, R. Traveling-wave parametric generation of widely tunable, highly coherent femtosecond light pulses 20985
Danielius, R. *see* Banfi, G.P. 3775
Danielius, R. *see* Banfi, G.P. 3779
Danielli, G. Programmable peripherals 10040
Danielli, G. Ductile and semi-hard magnetic materials 11452
Danielli, G. Optical fibres: focus on testing 11613
Danielli, G. Hand-held instruments for data on networks 23776
Danielli, G. The DRAM-RAMBUS-500 Mbyte/s 41889
Danielli, G. 8-bit mid-range microcontrollers 41934
Danielli, G. The EPS global positioning system 46123
Danielli, P. *see* Antognetti, P. 18653
Danielowicz, B. *see* Ramsay, B. 32104
Daniels, A.R. *see* Berry, T. 32175
Daniels, A.R. *see* Chan, K.W. 47369
Daniels, J.M., Dale, B.G. Total quality management and corporate culture: a case study examination 414
Daniels, M.E., Bishop, P.J., Jensen, K.O., Ridley, B.K., Ritchie, D.A., Grimshaw, M., Linfield, E.H., Jones, G.A.C., Smith, G.W. Electron transport across a wide AlGaAs barrier 19379
Daniels, P.A. Turbulence measured by anemometers, kites and turbine blade strain 25361
Daniels, P.B. *see* Robinson, G.A. 46520
Daniels, P.J. *see* Burke, B.E. 47024
Daniels, R.R., Yang, A.T., Harrang, J.P. A universal large/small signal 3-terminal FET model using a nonquasistatic charge-based approach 11243
Daniels, T.A. *see* Middleton, P.B. 98
Danielson, D. *see* Corcoran, S.F. 42541
Danielson, D.A. *see* Phipps, W.E., Jr. 7572
Danielson, J.D.S. *see* Baron, A.E. 23758
Danielsson, B., Johansson, U. Measured improvements using angle and space diversity on a terrestrial microwave radio link 14440
Danielsson, B. *see* Bin Xie 6604
Danielsson, B. *see* Xie, B. 7328
Danielsson, B.E. HVDC valves with light-triggered thyristors 7923
Danielsson, K.-G. *see* Nyman, A. 47458
Daniere, J. *see* Ducottet, C. 45259
Danikas, M.G. The definitions used for partial discharge phenomena 35115
Danikas, M.G. *see* Bruning, A.M. 43206
Danikas, M.G. *see* Onodi, T. 35177
Danilenko, L. *see* de Couasnon, T. 14774
Danilevich, O. Eddy currents and losses calculation methods in the stator core end parts of the fully water cooled turbogenerators 16753
Danilevich, Ya.B. Loss reduction problems in turbine and hydraulic-turbine generators 25372
Danilevich, Ya.B. *see* Glazenko, A.V. 16773
Danilevich, Ya.B. *see* Glebov, I.A. 25387
Danilevich, Ya.D. Electrical machines: today and tomorrow 40097

Danilevich, Y.B. The electric energy department of the Russian Academy of Sciences and its objectives 24587
Danilewsky, A.N., Nagel, G., Benz, K.W. Growth of GaAs from Ga solution under reduced gravity during the D2-mission 33585
Danilin, A.B., Nemirovski, A.W. Impact of in situ photoexcitation on the defectivity of silicon layer implanted with different dose rates of nitrogen ions 19499
Danilov, A.A., Shlykov, G.P. Improvement of the metrological characteristics of high-precision high-speed multiplying digital/analog converters 1289
Danilov, B.G. *see* Abramovich, Yu.I. 4335
Danilov, E.O. *see* Bakaev, V.G. 43733
Danilov, O.B., Zhevlakov, A.P., Zhevlakov, A.P. Iodine photodissociative pulse-repetitive laser; problems of efficiency 35660
Danilov, S.N. *see* Vorobjev, L.E. 12246
Danilov, V.D., Iliin, A.A., Batygin, Y.K. RF ribbon beam accelerator for heating thermonuclear plasmas 7010
Danilov, V.N. Calculation of the characteristics of longitudinal surface waves on a spherical defect 18349
Danilov, V.N. *see* Voronkov, V.A. 41522
Danilov, V.V., Kulik, P.L., Pis'mennyi, A.Yu. Microwave signal barrier effect in a microstrip line on ferrite-dielectric substrate 18968
Danilov, V.V., Serapionov, Yu.N., Sidorov, A.I., Tsvetkova, S.I., Khrebtov, A.I. Liquid-crystal modulator for a pyroelectric radiometer 43556
Danilov, V.V. *see* Berenberg, V.A. 3224
Danilova, N.P. *see* Vasil'ev, A.N. 34552
Danilova, T.N. *see* Baranov, A.N. 35803
Danilychev, M.V., Yevtushenko, A.V., Kutuza, B.G., Lotov, A.I., Nikolayev, A.G. Scattering of microwave radiation of the Sun by the roughness of a wavy sea surface 12590
Danjo, M. *see* Ido, H. 505
Danjoy, C. *see* Davies, K. 11523
Danker, B. A new method of current injection 44393
Dan'ko, S.A., Meshcherov, B.R. Optimum thickness of target-radiators for high-current applied accelerators 15424
Dan'ko, S.G. Investigations of the spatial relationship of various electrical processes of the human brain on simultaneous recording 7416
Dan'ko, V.G. *see* Bolyukh, V.F. 25371
Dankowski, S. *see* Kiesel, P. 35492
Dankowski, S. *see* Knupfer, B. 43528
Danly, B.G. *see* Alberti, S. 3405
Danly, B.G. *see* Chu, T.S. 43704
Danly, B.G. *see* Rullier, J.L. 43694
D'Anna, A. *see* Miccio, F. 25743
Dannberg, P., Waldhausl, R., Brauer, A., Karthe, W., Kley, E.-B. Passive polymeric components fabricated by embossing technique 35473
Dannberg, P. *see* Brauer, A. 43545
Dannberg, P. *see* Waldhausl, R. 35430
Dannenberg, R.B., Neuendorffer, T., Newcomer, J.M., Rubine, D. Tactus: toolkit-level support for synchronized interactive multimedia 5330
Danner, D. *see* Mii, Y. 43122
Danner, D. *see* Rishton, S.A. 28164
Danner, P. *see* Wahlers, R. 17864
Danneville, F., Dambrine, G., Happy, H., Cappy, A. Influence of the gate leakage current on the noise performance of MESFETs and MODFETs 1596
Danneville, F. *see* Dambrine, G. 27253
Danneville, F. *see* Happy, H. 11240
Danovaro, F. *see* Bolla, R. 5171
Danshin, T. *see* Kumar, S. 26757
Dan'shin, V.P. *see* Grachev, A.O. 15595
Dansie, J. Laos hydro to power Thai economy 47800
Danson, C.N., Barzanti, L.J., Chang, Z., Damerell, A.E., Edwards, C.B., Hancock, S., Hutchinson, M.H.R., Key, M.H., Luan, S., Mahadeo, R.R., Mercer, I.P., Norreys, P., Pepler, D.A., Rodkiss, D.A., Ross, I.N., Smith, M.A., Smith, R.A., Taday, P., Toner, W.T., Wigmore, K.W.M., Winstone, T.B., Wyatt, R.W.W., Zhou, F. High contrast multi-terawatt pulse generation using chirped pulse amplification on the VULCAN laser facility 3569
Danson, C.N. *see* Bett, T.H. 12315
Danson, C.N. *see* Mercer, I.P. 43780
Danson, C.N. *see* Pepler, D.A. 35947
Dantas, T.M. *see* Soares, E.A. 15065
d'Anterroches, C. *see* Veuillen, J.-Y. 18220
Danto, Y. *see* Claeys, W. 6492
Danto, Y. *see* Fouillat, P. 19992
Danto, Y. *see* Labat, N. 19887
Danto, Y. *see* Marc, F. 43054
D'Antone, I. *see* Bertin, A. 31795
Dantowitz, P., Shafai, B., Shafai, E. Phase shifter: a nonlinear circuit for direct measurement of phase margin in feedback control systems 10373
Dantsker, D., Speiser, S. Nonlinear optical molecular properties associated with cis-trans photochromic transformation 43526
Dantsker, E. *see* Black, R.C. 23854
Dantsker, E. *see* Koelle, D. 6455
Dantsker, E. *see* Koelle, D. 28416
Dantzig, J.A. *see* Cockerill, T.M. 43853
Dantzig, R.van *see* van Dantzig, R.
Dantzler, H.L., Jr., Sides, D.J., Neal, J.C. An automated tactical oceanographic monitoring system 47277
Dany, H. *see* Chanson, S.T. 30234
Dany, J.-C. *see* Wautier, A. 45838
Danyek, Gy. *see* Gunter, O. 7967
Danyluk, P. *see* Hedley, R.P.L. 47138
Danyuk, D.L., Komirenko, S.I. Cooled preamplifier 1086
Danz, J. Assembly instructions and experiences with the DR1NV spectrum analyser design 46332
Danzig, P.B. Flow control for limited buffer multicast 37504
Danzig, P.B., Hall, R.S., Schwartz, M.F. A case for caching file objects inside internetworks 30385
Danzig, P.B. *see* Obraczka, K. 5457
Dao, A. *see* Borg, M. 19106
Dao, B.T. *see* Weitzen, J.A. 46136
Dao, G. *see* Troccolo, P. 2289
Dao, T.A. *see* Baze, M.P. 35073
Dao Zheng Wei *see* Wei Dao Zheng
Dao-Zheng Wei *see* Dong Xiang 41731
Daoben Zhu *see* Peiheng Wu 35272
Daocheng Pan *see* Pan Daocheng
Daoming Ke *see* Ke Daoming
Daonong Zhang *see* Zhang Daonong
Daoqi Ding *see* Ding Daoqi
Daoud, N.S. *see* Raut, R. 10010
Daoyuan Hu *see* Hu Daoyuan
Daozheng Wei *see* Wei Daozheng
Dapang Chen *see* Shie Qian 44833
Dapang Chen *see* Silsbee, P.L. 21968
Dapcevic, D. *see* Katic, V. 17084
Dapcevic, D. *see* Katic, V. 40537
Dapcevic, D. *see* Katic, V.A. 8573
Dapen Yan *see* Jiajun Zhang 3267
Dapeng Zhang *see* Jullien, G.A. 41854
Dapkus, D.A., II *see* Clemente, S.M. 2446
Dapkus, D.A., II *see* Kiraly, L. 41660
Dapkus, D.A., II, *see* Kiraly, L. 44264
Dapkus, L., Gulbinaite, D., Jasutis, V., Leshchinskas, D., Shimkiene, I. Microstructure of electrochemically etched (100) Si surface 19597
Dapkus, P.D. *see* Dubovitsky, S. 43934
Dapkus, P.D. *see* Frateschi, N.C. 20846
Dapkus, P.D. *see* Osinski, J.S. 12112
Dapkus, P.D. *see* Sahara, R.T. 43514
Dapkus, P.D. *see* Zou, Y. 12111
Dapkus, P.D. *see* Zou, Y. 20835
DaPonte, J., Parikh, J.A., Decker, J., Vitale, J. Evaluation of the fractal dimension as a pattern recognition feature using neural networks 29772
Daponte, P. *see* Betta, G. 14909
Daponte, P. *see* Corsonello, P. 18444
D'Aquila, R. *see* Miller, N.W. 24711
D'Aquila, R. *see* Sanchez-Gasca, J.J. 7721
Dar Chung Hsiang *see* Hsiang Dar Chung
Dar-Chin Rau *see* Chih-Min Tsai 14051
Darack, S.B. *see* Dykaar, D.R. 744
Darack, S.B. *see* Keil, U.D. 43635
Daraktchiev, I. *see* Czech, G. 28048
Daraktchiev, I.S. *see* Robertson, S.A. 11062
Darbhe, M.D. *see* Joseph, J. 6349
Darbo, G. *see* Beer, A. 31662
Darbo, G. *see* Bruschini, C. 38888
Darby, S.D. *see* Kaune, W.T. 39113
Darcie, T.E. *see* Poole, C.D. 45939
Darcy, A. *see* Gahungu, F. 16422
Darcy, A. *see* Gahungu, F. 16423
Darcy, E.C. *see* Popov, B.N. 8737
Darden, C.W. *see* Kaplan, D.M. 46937
Darden, W.H., Burnside, W.D., Gilreath, M.C. An ultra-wideband antenna for pulsed applications 4302
Dardy, H. *see* Chu, N.-A. 17841
Daren Yu *see* Yu Daren
Dargeiko, M.M. *see* Burdo, O.S. 24426
Dargon, D.R. *see* Brigandi, A.J. 45476
D'Aria, G. *see* Benedetto, V. 14413
Darickova, A. *see* Krasa, J. 38849
Darie, S.I., Crawford, A.M., Vadan, I., Balan, H. Computer aided electromagnetic vibrators design 48037
Dario, P. *see* Cocco, M. 31987
Dario, P. *see* Sabatini, A.M. 11413
Dariusz, P. *see* Longin, K. 35373
Dark, M.L. *see* Benitez, E.L. 43627
Darken, L. A simple technique for determining deep-level concentrations in high-resistivity semiconductors using capacitance transients 46597
Darken, L.S., Jellison, G.E. Resolution degradation of coaxial p-type germanium detectors due to hole trapping by point defects 7160
Darling, J.P. *see* Gwo-Chung Tai 19882
Darling, R.B. Electrostatic and current transport properties of n^+/semi-insulating GaAs junctions 1876
Darling, W., Bowley, G. CASSTRAC: a paperless support and information exchange 23433
Darlington, P. Subharmonic generation and chaos in adaptive filters 13403
Darlington, P. Gain bandwidth products for capacitive pressure transducers 38436
Darnell, J.L., Colburn, D.A. ATCS network management: a design strategy 48377
Darnell, M., Honary, B., Markarian, G., Ng, T. Electromagnetic interference control by spectral shaping 44416
Darnell, M., Riley, N.G., Derakhshandeh, M. Modelling of congested radio environments 45749
Darnell, M. *see* Fan, P.Z. 5736
Darnell, M. *see* Fan, P.Z. 36502
Darnell, M. *see* Fan, P.Z. 44734
Darnell, M. *see* Honary, B. 4378
Darnell, M. *see* Markarian, G. 4422
Darnell, M. *see* Marshman, C.A. 44404
Darpentigny, J. *see* Level, M.-P. 15290
Darrah, S.D., Batha, H.D. Analysis of electrical impedance spectra of 1-3 PZT composites 11358
Darrow, J.T., Auston, D.H., Morse, J.D. Large-aperture photoconducting antennas excited by high optical fluences 20533
Darrow, R.D. *see* Hardy, C.J. 7372
Darshan Singh, Gurm, H.S., Manjit Singh Dispersion in ionospheric drifts over Patiala 36205
Dartnell, N.J. *see* Greef, R. 10895
Daruwala, R.D. *see* Ramamurthy, G. 30441
Darveaux, R. Crack initiation and growth in surface mount solder joints 19220
Darveaux, R. *see* Mawer, A. 400
Darveniza, M., Lester, S., Zhou, Y. Laboratory studies of the effects of multiple lightning currents on low voltage zinc oxide varistors 32488
Darveniza, M., Mercer, D.R. Laboratory studies of the effects of multipulse lightning currents on distribution surge arresters 25039
Darveniza, M., Saha, T.K., Hill, D.J.T., Le, T.T. Assessment of insulation in aged power transformers and the correlation between the electrical and chemical properties 47922
Darwazeh, I.Z., Moreira, P.M.R.S., Lane, P.M., O'Reilly, J.J. 5 Gbit/s GaAs optical receiver MMIC 5937
Darwazeh, I.Z. *see* Lane, P.M. 30791
Darwazeh, I.Z. *see* Moreira, P.M.R.S. 23040
Darwazeh, I.Z. *see* Moreira, P.M.R.S. 30788
Darwazeh, I.Z. *see* Moreira, P.M.R.S. 45933
Darwish, A.M. SIMPLE: simulation of digital communication systems 30299
Daryanani, S.L., Taylor, G.W., Vang, T., Sargood, S., Tell, B., Wendling, D., Harriot, L. The inversion channel resonant cavity enhanced field effect photodetector for 2D OEIC applications 23597
Daryoush, A. *see* Saedi, R. 4326
Daryoush, A.S. *see* Ackerman, E. 23033
Daryoush, A.S. *see* Lin, J.Y. 26748
Daryoush, A.S. *see* Ni, T.-D. 28822
Daryoush, A.S. *see* Samant, N. 4345
Daryoush, A.S. *see* Sturzebecher, D.J. 19036
Daryoush, A.S. *see* Zhang, X. 4346
Daryoush, A.S. *see* Zhou, X. 1522
Daryoush, A.S. *see* Zhou, X. 27236
Das, A. *see* Gang Luo 30504
Das, A. *see* Hsu, W.-J. 30386
Das, A. *see* Mahamat, G. 14037
Das, A. *see* Petrenko, A. 30241
Das, A. *see* Shapiro, F.R. 27573
Das, A.K., Ganguly, A.K., Paul, A., Paul, D.K. Fiber to thin film coupling through garnet waveguide 3160
Das, A.K., Mondal, M.A., Mukherjee, A., Mandal, A.K. Automatic determination of the remaining cladding thickness of a single-mode fiber half-coupler 43423
Das, A.L. *see* Vargheese, O.J. 29322
Das, B. *see* Nath, D. 24063
Das, B.K. *see* Dhara, S. 18286
Das, B.N., Chakrabarty, S.B. Capacitance of spherical dielectric and dielectric coated metal sphere 44226
Das, B.N., Narasimha Sarma, N.V.S., Sinha, B.K. Shielding of field produced by lighting type current pulse through metallic cylinders 12621
Das, B.N., Siva Rama Rao, K., Chakrabarty, S.B. Electromagnetic analysis of eccentric coaxial cylinders 29229
Das, B.N. *see* Das, S.K. 4168
Das, B.N. *see* Vargheese, O.J. 29322
Das, D., Seth, S.C., Agrawal, V.D. Accurate computation of field reject ratio based on fault latency 33987
Das, J. *see* Tripathy, S.K. 39390
Das, J.J. *see* Sinha, A.K. 24117
Das, J.J. *see* Sinha, A.K. 31800
Das, K. *see* Chattopadhyay, P. 8765
Das, K.N. *see* Karthikeyan, S. 16716
Das, M. *see* Balasubrahmanian, A.K. 16509
Das, M. *see* Mitra, M. 10454
Das, M.B. *see* John, E. 43675
Das, M.B. *see* John, E. 45962
Das, M.K., Li, C.C., Burgett, S.R. A new multiresolution predictive scheme for lossless compression of medical images 22071
Das, M.K. *see* Barua, K. 23547
Das, M.K. *see* Lahiri, S.K. 42965
Das, N.C., Nathan, V. Hot carrier induced interface trap annealing in silicon field effect transistors 19874
Das, N.C. *see* Nathan, V. 11206
Das, N.K. Generalized multiport reciprocity analysis of surface-to-surface transitions between multiple printed transmission lines 21316
Das, N.K. *see* Mohanty, A. 44564
Das, P., DeCusatis, C. Acousto-optic image correlators 20438

Das, P. *see* Abbate, A. 11441
Das, P. *see* DeCusatis, C. 20441
Das, P. *see* Kundu, M. 31960
Das, P.P., Chatterji, B.N. Digital distance geometry: a survey 4925
Das, P.P. *see* Chattopadhyay, S. 4935
Das, R.K., Pattanayak, S. Electrical impedance method for flow regime identification in vertical upward gas—liquid two-phase flow 23938
Das, S., Ahuja, N. Multiresolution image acquisition and surface reconstruction using active stereo 4928
Das, S., Lahiri, S.K., Chaudhuri, A.K. Microstructural and electrical characterisation of ion-beam-sputtered polysilicon films for microelectronic applications 1830
Das, S. *see* Bhar, G.C. 3833
Das, S. *see* Bhar, G.C. 12373
Das, S. *see* Bhar, G.C. 29018
Das, S. *see* Bhar, G.C. 31238
Das, S. *see* Dhar, P. 30440
Das, S. *see* Hutchinson, J.M. 11034
Das, S.C. The MR head: an emerging trend in hard drive head development 2830
Das, S.K., Das, B.N. Analysis of the effects of septum thickness on impedance and fields of TEM mode inside an asymmetric TEM cell 4168
Das, S.K. *see* Bagchi, T. 43111
Das, S.R., Wen-Ben Jone, Nayak, A.R., Choi, I. On probabilistic testing of large-scale sequential circuits using circuit decomposition 41836
Das, T.K., Wortman, M.A. Reliability of multistage production systems controlled by automated visual inspection 17962
Das, Y. *see* McFee, J.E. 7692
Das Gupta, A. *see* Lahiri, S.K. 42965
Das Gupta, S., Jacobs, J.K., Beck, N.R., Lines, S.E. The lithium aluminium/iron sulfide battery for electric vehicles 48336
das Neves, M.V.Guerreiro *see* Guerreiro das Neves, M.V.
das Neves, S., De Paoli, M.-A. A quantitative study of chemical etching of InP 2154
Das Sarma, S., Hu, B.Y.-K. Electronic properties of quasi-one-dimensional semiconductor nanostructures: plasmons and exchange-correlation effects in quantum wires 1893
Das-Gupta, D.K. *see* Contla, P.A. 47297
Das-Gupta, D.K. *see* Svatik, A. 35174
D'Asaro, L.A. *see* Chirovsky, L.M.F. 20491
D'Asaro, L.A. *see* Freund, J.M. 3863
D'Asaro, L.A. *see* Pearton, S.J. 2095
D'Asaro, L.A. *see* Swaminathan, V. 3864
Dasbach, R., Willeke, G., Blenk, O. Iron sulfide for photovoltaics 20528
Dascalaki, E. *see* Santamouris, M. 25942
Dascalaki, E. *see* Santamouris, M. 48478
Dascalu, D. *see* Cobianu, C. 10780
Dascalu, S.M. *see* Ionescu, T.C. 38952
Daschner, W. *see* Ma, J. 3375
Dasey, T.J. *see* Micheli-Tzanakou, E. 24152
Dasgupta, A. Training the shopfloor worker: university perspectives 33277
DasGupta, A., DasGupta, N. A simple analytical model for gate capacitance-voltage characteristics of HEMTs 43022
Dasgupta, A. *see* Alghamdi, A. 28326
Dasgupta, A. *see* Li, J. 17960
Dasgupta, A. *see* Sirkis, J.S. 23651
Dasgupta, A. *see* Verma, S. 26520
Dasgupta, B.K. Evaluation of grid interfacing system for windfarm by computer simulation 25359
Dasgupta, D. *see* Bhattacharya, K. 8344
DasGupta, N. *see* DasGupta, A. 43022
Dasgupta, P., Mitra, P., Chakrabarti, P.P., DeSarkar, S.C. Multiobjective search in VLSI design 43079
Dasgupta, P. *see* Mottalib, M.A. 41819
Dasgupta, R., Bose, S.K. Variation of magnetic properties of hard ferrites prepared from bluedust of Bailadila, MP, with the initial raw material composition 35225
Dasgupta, S., Andersen, D.R. Feedback stabilization of semiconductor laser arrays 43821
Dasgupta, S. *see* Mathew, G. 45005
Dasgupta, S. *see* Natarajan, S. 43127
Dasgupta, S.S. *see* De, A. 15639
Dash, G.N., Pati, S.P. Studies on the prospects of GaInAs and GaInAsP for double-drift region heterostructure IMPATTs 27242
Dash, G.N. *see* Panda, A.K. 34247
Dash, P.K., Dash, S., Rahman, S. A fuzzy adaptive correction scheme for short term load forecasting using fuzzy layered neural network 16282
Dash, P.K., Dash, S., Rahman, S. A hybrid artificial neural network-fuzzy expert system for short term load forecasting 32360
Dash, P.K., Dash, S., Rahman, S., Chandreasekharaigh, H.S. Short term load forecasting using artificial neural network with a fast learning algorithm 32359
Dash, P.K., Rauta, S. Microcomputer based narrow band digital filter for extraction of signal components in noise 27066
Dash, P.K., Rauta, S., Doraiswami, R. A comparison of digital filters for harmonic estimation in power systems 39463
Dash, P.K., Routray, A., Rahman, S. An adaptive fuzzy logic controller for AC-DC power systems 24776
Dash, S. *see* Dash, P.K. 16282
Dash, S. *see* Dash, P.K. 32359
Dash, S. *see* Dash, P.K. 32360
Dashyan, R.S. *see* Yumashev, K.V. 20685
Dasiga, S., Vaithilingam, N., Natarajan, N.V. Augmenting the automatic control system of power plants for optimized operation 8187
Daskalakis, N. *see* Vournas, C.D. 32785
Daskalyuk, V.P., Zhuk, L.G., Ponomarenko, V.A. Investigation of fiber-optic amplifiers based on induced combination scattering 43770
Dasler, M. *see* Stoltz, B. 35795
Dasler, M. *see* Weber, J.-P. 38077
Dass, A. *see* Ogawa, S. 10757
Dass, M.L.A. *see* Jingbao Liu 43121
Dass, R. *see* Prasad, M. 47493
Dassie, L. *see* D'Alto, V. 38234
Dastidar, D.G. *see* Chakraborty, U.K. 26324
Dastidar, D.G. *see* Chakraborty, U.K. 31966
Dasu, S. *see* Abe, K. 7260
Dasu, S. *see* Abe, K. 15619
Dasu, S. *see* Abe, K. 46930
Dat, R. *see* Singh, J. 18300
Dat Nguyen Nhu *see* Nguyen Nhu Dat
Datchi, F. *see* Cassereau, D. 13196
Datcu, M. *see* Toma, C.E. 5062
Date, H., Imai, T. Adjustments of the multimicrophone system for a super close-talking microphone using Kirchhoff's integral equation representation of the sound field 39422
Date, S. *see* Shibata, N. 18735
Date Kazuhiro *see* Kazuhiro Date
Datla, R.U. *see* Lorentz, S.R. 23611
Datta, A. *see* Haritsa, J.R. 30309
Datta, A. *see* Jay, B.E. 40443
Datta, A.B., Ram Mohan, N., Thiagarajan, K. Performance of heat exchanger pebbles in Indian MHD air preheaters 25816
Datta, A.K., Sen, S.K., Deb, A., Bandyopadhyay, S. Realization of a two-dimensional discrete Walsh transform in a microprocessor-controlled optical architecture 45140
Datta, A.K. *see* Deb, A. 29653
Datta, D. Analysis of a new technique for optical DPSK transmission without external phase modulator 23074
Datta, D.P. DP antenna as a substitute for Yagi antenna in VHF/UHF application in the Department of Telecom 36408
Datta, P.K. *see* Bhar, G.C. 3833
Datta, P.K. *see* Bhar, G.C. 28974
Datta, P.K. *see* Bhar, G.C. 31238
Datta, P.K. *see* Bhar, G.C. 35985
Datta, R. *see* Crozier, S. 37747
Datta, S., Chaudhury, S., Parthasarathy, G. On recognition of Bengali numerals with backpropagation learning 22172
Dattoli, G., Giannessi, L., Torre, A. Saturation and cavity-loss optimization in free-electron lasers 3692
Dattoli, G., Giannessi, L., Torre, A. Unified view of free-electron laser dynamics and of higher-harmonics electron bunching 20919
Dattoli, G. *see* Castellano, M. 6925
Dattoli, G. *see* Ciocci, F. 10626
Dattoli, G. *see* Ciocci, F. 28895
Dattoli, G. *see* Ciocci, F. 44003
Dattoma, V. *see* Cannistra, G. 8444
Datwyler, K. *see* Vettiger, P. 3641
Dau-Chyrh Chang, Chang-Nan Hu, Chia-I Hung, Ko-Tai Ho Pattern synthesis of the offset reflector antenna system with less complicated phased array feed 44572
Daub, K. *see* Lach, E. 28877
Daubechies, I. Wavelets in signal analysis 13387
Daubechies, I. *see* Cohen, A. 33575
Daughton, J.M., Chen, Y.J. GMR materials for low field applications 43330
Daughton, J.M. *see* Ranmuthu, K.T.M. 43295
Daugman, J. High confidence personal identification by rapid video analysis of iris texture 4961
Daugman, J.G. High confidence visual recognition of persons by a test of statistical independence 21952
Dauguet, S., Ongareau, E., Wyrwinski, J. Microstrip antenna with polarization switching 29300
Dauk, J., Giebeler, W., Hunke, M., Schirk, R. Manufacturing of dipole chambers and bellow flat absorber vessels for the ESRF storage ring 15315
Dauksher, W.J., Resnick, D.J., Johnson, W.A., Yanof, A.W. A new operating regime for electroplating the gold absorber on X-ray masks 26471
Daulasim, K. *see* Orsal, B. 3602
Daulasim, K. *see* Orsal, B. 12225
Daulasim, K. *see* Orsal, B. 12226
Daulasim, K. *see* Orsal, B. 20841
Daum, G. *see* Marschke, D. 25158
Daum, M. *see* Bronnimann, C. 46805
Daum, W., Goehlich, L., Brockmeyer, A. Influence of environmental stress factors on transmission loss of polymer optical fibers 2959
Daum, W. *see* Adler, M.S. 33398
Daum, W. *see* Korman, C.S. 18481
Daumiller, K. *see* Doll, P. 46965
Daums, D. *see* Lach, E. 28877
Daun, A. *see* Vieth, J. 31943
Dauphin-Tanguy, D. *see* Kamel, A. 18424
Dauphin-Tanguy, G. *see* Ducreux, J.P. 18470
Dauplaise, H.M. *see* Davis, A. 9592
Dauplaise, H.M. *see* Martin, E.A. 34971
Daurelio, G., Dionoro, G., Minutolo, F.M.C., Panagopoulos, C. Lap and butt joints of dissimilar stainless steels welded by CO_2 laser 21134
Daurelio, G., Ludovico, A., Giorleo, G., Esposito, U. Integration of a laser system with a speech synthesis apparatus. A feasibility study 21135
D'Auria, F., Modro, M., Oriolo, F., Tasaka, K. Relevant thermalhydraulic aspects of new generation LWRs 16595
D'Auria, G. *see* Massarotti, A. 15459
D'Auria, G. *see* Massarotti, A. 15515
D'Auria, J.M. Radioactive beams at TRIUMF: present and future studies 31576
D'Auria, S. *see* Beaumont, S.P. 15637
D'Auria, S. *see* Bencivelli, W. 31729
Daurtsev, I.A., Kozlyayev, L.I., Makkaveyev, V.N., Fedorov, Yu.F. Optical fiber transmission systems employing semiconductor optical amplifiers 14612
d'Ausbourg, B., Calas, C. Unix services for multilevel storage and communications over a secure LAN 22552
Daut, D.G., Dongming Zhao A flaw detection method based on morphological image processing 37014
Dautraix, I., Magnin, I., Gimenez, G. A stereoscopic display of 3D ultrasonic data: The stereoechography 7414
Daval, J., Bechevet, B. Rare earth transition metal alloys for magneto-optical recording 28384
D'Avanzo, B., De Poli, M., Maron, G., Mazza, M.L., Scanferlato, S., Staiano, G., Tang, X.N., Vedovato, G. A parallel and distributed environment in GA.SP data acquisition system 38900
Davari, B. *see* Shahidi, G.G. 11305
Davari, S., Leibfried, T.F., Jr., Natarajan, S., Pruett, D., Sha, L., Zhao, W. Real-time issues in the design of the Data Management System for the Space Station Freedom 5547
Davari, S. *see* Agrawal, G. 45337
Davat, B. *see* Aliouane, K. 16149
Davat, B. *see* Bouzekri, H. 16813
Davat, B. *see* Xu, J.H. 16999
Davenport, G., Evans, R., Halliday, M. Orchestrating digital micromovies 46251
Davenport, G. *see* Aguierre Smith, T.G. 6213
Davenport, M. *see* Adam, W. 46929
Davenport, M.R., Day, S.P. Chaotic signal emulation using a recurrent time delay neural network 4637
Davenport, M.R. *see* Day, S.P. 4642
Davey, E.C., Guo, K.Q., Russomanno, S.A., Popovic, J.R., Archer, P. Towards defining the functional role for CANDU annunciation 39763
Davey, E.C., Sheehy, E.J., Fiegel, T.T. Characterizing CANDU annunciation through task analysis 32554
Davey, J. *see* Rudge, A. 25626
Davey, J.P. *see* Koek, B.H. 27867
Davey, J.P. *see* Koek, B.H. 28002
Davey, L. Impact of Recommendation G.826 on the system design of radio relay systems 14408
Davey, S. *see* Wyatt, R. 3509
Davey, S.T., Szebesta, D., Williams, J.R., Whitley, T., Wyatt, R. Rare earth-doped, high NA fluoride fibre amplifiers 3546
Davey, S.T. *see* Lauder, R.D.T. 3549
Davey, S.T. *see* Massicott, J.F. 20664
Davey, S.T. *see* Percival, R.M. 12073
Davey, S.T. *see* Szebesta, D. 3008
David, A., Diaczenko, N., Sanzgiri, A., Webb, R., Zaman, S., Winn, D. The development of radhard fiber calorimeters for use at the SSC 31691
David, A., Lajoie-Mazenc, E., Sol, C. Soft restart of an adjustable speed drive after a short disconnection without any mechanical speed sensor 8816
David, A., Lajoie-Mazenc, E., Sol, C. Ride-through capability of AC adjustable speed drives in regards to voltage dips on the distribution network 8893
David, A., Lajoie-Mazenc, E., Sol, C. Maintaining the synchronism of an AC adjustable speed drives during short supply interruptions for an optimal and automatic soft restart 17513
David, A.K. Modelling risk in energy contracts with investor owned generation 32214
David, A.K., Wong, K.P. Competitive bidding and price-setting with assessment of short-term operational strategies 7808
David, A.K. *see* To, K.W.V. 16247
David, A.K. *see* Wong, K.P. 16181
David, A.K. *see* Xia, Y.Q. 47586
David, A.K. *see* Xia, Y.Q. 47587
David, B. *see* Dossel, O. 15821
David, B. *see* Grundler, D. 23507
David, C. *see* Jacob, J. 15458
David, E., Fourmigue, J.-M., Parpal, J.-L., Crine, J.-P. Correlation between FTIR spectra and birefringence measurements in XLPE cable insulation 43194

David, E., Palic, M. Electrosmog—effects of fields from electrical apparatus on human beings 47131
David, E. *see* Parpal, J.-L. 16361
David, F. *see* Cygan, D. 45847
David, F. *see* Eul, H.J. 22909
David, F.L. *see* Solomon, D. 17875
David, G., Redlich, S., Mertin, W., Bertenburg, R.M., Koblowski, S., Tegude, F.J., Kubalek, E., Jager, D. Two-dimensional direct electro-optic field mapping in a monolithic integrated GaAs amplifier 27266
David, G., Redlich, S., Mertin, W., Kubalek, E., Jager, D. Two-dimensional field mapping in coplanar MMIC-components using direct electro-optic probing 42238
David, G. *see* Jager, D. 43522
David, G. *see* Mertin, W. 42237
David, G. *see* Stohr, A. 28509
David, G. *see* Taenzler, F. 42236
David, J. *see* Dell'Acqua, A. 46998
David, J.P.R., Rees, G.J., Morley, M.J., Roberts, J.S., Button, C.C., Hill, G., Grey, R., Robson, P.N. Avalanche multiplication and breakdown in GaAs/AlGaAs MQW in structures 43633
David, J.P.R. *see* Mowbray, D.J. 33629
David, K. *see* Baets, R.G. 12165
David, P. *see* Rayner, R. 16230
David, P.K. The compensation law revisited: application to dielectric aging 20029
David, R. *see* Pophillat, L. 5980
David, S.K. *see* Gharpure, D.C. 19684
David, S.K. *see* Gharpure, D.C. 28050
David, S.K. *see* Singh, B.K. 13580
David Graham, A. Frequency domain analysis for multiple controlled rectifiers 16996
David Kim DooHyun *see* DooHyun David Kim
Davide, F.A.M., Di Natale, C., D'Amico, A. Resolution of sensor array: noise considerations and design implications 6401
Davide, F.A.M. *see* Di Natale, C. 6431
Davideanu, C. *see* Goras, L. 29685
Davidenko, S.N. *see* Tetyorkin, V.V. 28642
Davidheiser, R. *see* Shoucri, M. 47189
Davidovich, M.V. Electrodynamic Analysis of coaxial mount 1444
Davids, C.N., Back, B., Bearden, I.G., Bindra, K., Bingham, C.R., Broda, R., Carpenter, M.P., Chung, W., Daly, P.J., Fornal, B., Grabowski, Z.W., Henderson, D.J., Henry, R.G., Janssens, R.V.F., Khoo, T.L., Lauritsen, T., Liang, Y., Mayer, R.H., Moltz, D.M., Nisius, D., Ramayya, A.V., Robertson, J.D., Scarlassara, F., Soramel, F., Spolaore, P., Toth, K.S., Walters, W.B. Recent results from the Argonne Fragment Mass Analyzer 24115
Davidse, J. A quarter century of microelectronics: what happened in analog electronics and what is ahead? 42091
Davidse, J. *see* van den Broeke, L.A.D. 31033
Davidson, A. *see* Bender, M. 22564
Davidson, A. *see* Holm, J. 2908
Davidson, A.C., Wise, F.W., Compton, R.C. A 60-GHz IMPATT oscillator array with pulsed operation 36439
Davidson, B. Clean coal technologies for electricity generation 16641
Davidson, D. *see* Capuano, M. 47085
Davidson, D.B. Parallel matrix solvers for moment method codes running on transputer arrays 12525
Davidson, D.B. *see* Meyer, F.J.C. 36149
Davidson, D.B. *see* Steyn, P. 44290
Davidson, E.R. Monster matrices: their eigenvalues and eigenvectors 596
Davidson, E.S. *see* Chang, C.-H. 27033
Davidson, F., Field, C.T. Optical phase lock loop with a photorefractive optical beam combiner 35724
Davidson, F. *see* Field, C.T. 28977
Davidson, F.M., Wang, C.C., Field, C.T., Trivedi, S. Photocurrents in photoconductive semiconductors generated by a moving space-charge field 43619
Davidson, F.M. *see* Field, C.T. 3829
Davidson, F.M. *see* Sun, X. 6148
Davidson, J.H. Production test of PLDs 41807
Davidson, J.L., Wur, D.R., Kang, W.P., Kinser, D.L. A pressure sensor comprised of diamond 23546
Davidson, J.L. *see* Edwards, L. 19150
Davidson, J.L. *see* Edwards, L.M. 10787
Davidson, J.L. *see* McKinley, J.T. 44082
Davidson, K. Competition in telecommunications—causes and consequences 30275
Davidson, M. *see* Crossley, P. 16478
Davidson, M.P. Aplanatic microlenses and applications in the semiconductor industry 2290
Davidson, M.P. *see* Monahan, K.M. 23880
Davidson, N., Friesem, A., Hasman, E. Reflective and refractive systems for general two-dimensional beam transformations 35959
Davidson, S., Goodenough, J., Meacham, R.J., Morris, J.D., Seed, N.L., Ivey, P.A. Generality—a low cost approach to digital image processing 41964
Davidson, S. *see* Hwang, S. 41824
Davidsson, P. *see* Qutaishat, S. 46872
Daviel, A. A 30 MHz FASTBUS transient digitizer data compactor using CMOS gate arrays 24095
Davies, A. *see* Chen, Q.X. 7371
Davies, A.E. *see* Bishop, J. 5704
Davies, A.E. *see* Chen, G. 43145
Davies, A.E. *see* Nensi, T. 35176
Davies, A.G. *see* Mellor, C.J. 42720
Davies, A.M. *see* Ashworth, M. 47279
Davies, D.A.O., Fisher, M.A., Elton, D.J., Perrin, S.D., Adams, M.J., Kennedy, G.T., Grant, R.S., Roberts, P.D., Sibbett, W. Nonlinear switching in InGaAsP laser amplifier directional couplers biased at transparency 5975
Davies, D.A.O. *see* Fisher, M.A. 12404
Davies, D.A.O. *see* Patrick, D.M. 38031
Davies, D.H. Digital mammography—the comparative evaluation of film digitizers 15778
Davies, D.W. The transition from mechanisms to electronic computers, 1940 to 1950 12962
Davies, G. *see* Park, S.-C. 41229
Davies, G.J., Davies, J.D., Lewin, J.D., Smith, P.F., Jones, W.G. Liquid xenon as a dark matter detector. Prospects for nuclear recoil discrimination by photon timing 24078
Davies, G.J., Skevington, P.J., Levoguer, C.L., French, C.L., Foord, J.S. Surface reaction mechanisms governing the selective area growth of III-V compound semiconductors by chemical beam epitaxy 41380
Davies, G.J., Spooner, N.J.C., Davies, J.D., Pyle, G.J., Bucknell, T.D., Squier, G.T.A., Lewin, J.D., Smith, P.F. The scintillation efficiency for calcium and fluorine recoils in CaF_2 and carbon and fluorine recoils in C_6F_6 for dark matter searches 31740
Davies, H.A. *see* Gomez-Polo, C. 43279
Davies, H.A. *see* Manaf, A. 20133
Davies, H.A. *see* Manaf, A. 20134
Davies, I.G.A., Bhumbra, B.S., Czajkowski, I.K., Fice, M.J., Collar, A.J., Goodwin, A.R., Henshall, G.D., Rashid, A.M., Thorn, A.P. Reliability assessment of a 1480 nm pump for Er doped fibre amplifiers 28880
Davies, I.G.A. *see* Goodwin, A.R. 20838
Davies, I.R.L., Rose, D., Smith, R.J. Automated image quality assessment 23713
Davies, I.R.L. *see* Hone, G.N. 38944
Davies, J.B. Finite elements for arbitrary structures containing arbitrary materials 27192
Davies, J.B. *see* Hernandez-Figueroa, H.E. 36030
Davies, J.B. *see* Zhou Le Zhu 29260
Davies, J.D. *see* Davies, G.J. 24078
Davies, J.D. *see* Davies, G.J. 31740
Davies, J.F. *see* Dyer, T.E. 9684
Davies, J.F. *see* Dyer, T.E. 34494
Davies, J.F. *see* Lau, S.P. 28665
Davies, K., Jenkins, R., Danjoy, C., Grovenor, C.R.M., Jones, H. Fabrication of BiSCCO 2212/MgO conductors by melt processing 11523
Davies, M. Overview of service provision options 37196
Davies, M., Picken, D.A. The application of transputers for digital control of static VAr compensators 16250
Davies, M. *see* Houghton, D.C. 27509
Davies, M. *see* Houghton, D.C. 43871
Davies, M. *see* Sudersena Rao, T. 41331
Davies, M. *see* Taylor, R.P. 42781
Davies, M.S. *see* Wang, X.G. 38723
Davies, N. *see* McCormick, M. 12487
Davies, N.G. *see* Johanson, G.A. 30636
Davies, N.G. *see* Johanson, G.A. 37160
Davies, N.K.H. Diagnostics at the roadside 48438
Davies, P.A. *see* Razzooqi, K.A.R. 1509
Davies, P.B., Yuyan Liu, Zhuan Liu New FIR laser lines from optically pumped C_2H_3F, C_2H_3Cl, C_2H_3Br, C_2H_3CN, C_2H_5F, CH_2CF_2, HCOOH and CH_3Br 20650
Davies, P.J. Stability of time-marching numerical schemes for the electric field integral equation 21159
Davies, R. *see* Abbott, B. 7245
Davies, R.L., Munro, A., Barton, M. WIN with OSI, the sequel: a case study of TETRA digital private mobile radio 45800
Davies, R.M., Wells, P. SATAN—a tactical mobile military V-SAT system 22939
Davies, R.W. *see* Chirravuri, J. 3513
Davies, S.J., Marshall, A.D., Martin, R.R. Accurate segmentation using multiple sources and probability networks 30049
Davies, S.J., Marshall, A.D., Martin, R.R. Accurate estimation of surface properties by integrating information using Bayesian networks 45172
Davies, S.T. *see* Khamsehpour, B. 34662
Davies Yen Pan Digital audio compression 4363
Davies-White, W. *see* Fieguth, T. 15555
Daviet, J.-F., Peccoud, L., Mondon, F. Electrostatic clamping applied to semiconductor plasma processing. II. Experimental results 2160
Daviet, J.-F., Peccoud, L., Mondon, F. Electrostatic clamping applied to semiconductor plasma processing. I. Theoretical modeling 2637
Davignon, A., Aubry, P., Leroux, C. Using directional derivatives to detect surface orientation discontinuities in range images 13707
Davignon, J.J. Reliability of high conformance dry film soldermask to assembly processes 34376
Davila, C.E. An efficient recursive total least squares algorithm for FIR adaptive filtering 44987
Davila, C.E. An algorithm for efficient, unbiased, equation-error infinite impulse response adaptive filtering 45000
Davila, C.E., Abaye, A., Khotanzad, A. Adaptive line enhancement of steady-state visual evoked potentials 7434
Davila, C.E., Asmoodeh, M. Efficient estimation of the signal subspace without eigendecomposition 36774
Davila, J.M. Solar tomography 45119
Davis, A., Dauplaise, H.M., Lorenzo, J.P., Ramseyer, G.O., Horrigan, J.A. Effects of ytterbium addition on liquid phase epitaxial growth of InGaAs/InP heterostructures 9592
Davis, A. *see* Coates, B. 10188
Davis, A.B., Goyal, S.K. Knowledge-based management of cellular clone fraud 37788
Davis, A.B., Goyal, S.K. Management of cellular fraud: knowledge-based detection, classification and prevention 37884
Davis, A.B., Jacobson, J.M., Colburn, T.G. Steam generator replacement—a regulatory perspective 32613
Davis, A.G. *see* Lewis, A.V. 22498
Davis, B.R. Bias and variance of probability of error estimates 22300
Davis, C., Bajor, G., Butler, J., Crandell, T., Delgado, J., Jung, T., Khajeh-Noori, Y., Lomenick, B., Milam, V., Nicolay, H., Richmond, S., Rivoli, T. UHF-1: a high speed complementary bipolar analog process on SOI 11301
Davis, C., Tiffin, S., Osotimehin, F. Developing capacity in management of science, technology and innovation in Africa 33291
Davis, C. *see* Newdome, T.P. 32249
Davis, C.A. *see* Amaratunga, G.A.J. 27662
Davis, C.A. *see* McKenzie, D.R. 27502
Davis, C.A. *see* Veerasamy, V.S. 27455
Davis, C.C. *see* Mazzoni, D.L. 15040
Davis, C.H. A surface and volume scattering retracking algorithm for ice sheet satellite altimetry 24501
Davis, C.H., Poznyak, V.I. The depth of penetration in Antarctic firn at 10 GHz 29173
Davis, C.J. *see* Bowling, A. 33338
Davis, C.J. *see* Moslehi, M.M. 28269
Davis, C.K., Dykman, C.A. Planning and controlling communications networks 14147
Davis, C.R. Reducing plated-through hole copper loss during pin-in-hole rework—polymer barrier film process 10560
Davis, D. *see* Abbott, B. 7245
Davis, D. *see* Hagopian, V. 24019
Davis, D. *see* Shann, R. 36934
Davis, D.E. *see* Pfeiffer, H.C. 27908
Davis, D.J., Deadrick, R.B., Stahlman, J.R. ALGS: design and testing of an Earth to satellite optical transceiver 6045
Davis, D.T., Chen, Z., Tsang, L., Hwang, J.-N., Chang, A.T.C. Retrieval of snow parameters by iterative inversion of a neural network 24505
Davis, E. *see* Centro, S. 38891
Davis, E.A. *see* Dammer, U. 42432
Davis, E.E. *see* Christian, H.A. 7589
Davis, E.E. *see* Lewis, T.J. 24468
Davis, E.J. *see* Hong Wei 38674
Davis, E.J. *see* Wei Li 31438
Davis, F.J., Jr., Hassan, Y.A. A two-dimensional finite element method large eddy simulation for application to turbulent steam generator flow 47670
Davis, F.W. *see* Wang, Y. 24524
Davis, F.W. *see* Wang, Y. 39407
Davis, G.A. *see* Aebi, V.W. 19281
Davis, G.A. *see* La Rue, R.A. 19314
Davis, G.A. *see* La Rue, R.A. 34272
Davis, G.J., Patterson-Hine, F.A., Earls, M.R., Pedar, A. Software reliability evaluation of the X-29A flight control system 39207
Davis, G.W., Hodges, G.L., Madeka, F.C. The development of a series hybrid electric vehicle for near-term applications 25891
Davis, H. *see* Carr, L. 14131
Davis, H.A. *see* Rej, D.J. 6882
Davis, I., Siegel, M.W. Automated NonDestructive Inspector of aging aircraft 24404
Davis, J.A. Programmable diffractive optical elements using spatial light modulators 3179
Davis, J.A., Cottrell, D.M. Random mask encoding of multiplexed phase-only and binary phase-only filters 45250
Davis, J.A., Guertin, J., Cottrell, D.M. Diffraction-free beams generated with programmable spatial light modulators 21092
Davis, J.F., Goodaker, A.W., McDowell, J.K., AbdAllah, M. Knowledge-based diagnostic systems for avionics 24413
Davis, J.L., Elgered, G., Niell, A.E., Kuehn, C.E. Ground-based measurement of gradients in the "wet" radio refractivity of air 21248
Davis, J.L. *see* Bennett, B.R. 41350
Davis, J.L. *see* Boos, J.B. 1554
Davis, J.L. *see* Thompson, P.E. 19523
Davis, J.M. *see* Amphlett, J.C. 25666
Davis, J.S., II. *see* Linnartz, J.-P.M.G. 22914
Davis, J.W., Glower, D.D., Pilkington, T.C. Utilization of regression analysis for conductance

catheters: considerable improvement in volume estimation 24319
Davis, J.W., Owen, C.H., Pilkington, T.C. Impedance catheter volume estimation: limitations and improvements with training 15843
Davis, K. Mastering a multivendor environment 37331
Davis, K.J. *see* Dowell, D.H. 12255
Davis, L., Howard, J., Meyer, R. Initial operation of the Alabama Electric Coop compressed air energy storage plant 33083
Davis, L. *see* Chan, D. 14321
Davis, L. *see* Chen, W.L. 41329
Davis, L. *see* O'Brien, G. 46283
Davis, L. *see* Sun, H.C. 20782
Davis, L. *see* Sun, H.C. 20895
Davis, L.C. *see* Kaiser, W.J. 27521
Davis, L.E. Status of microwave ferrite technology in Europe 2854
Davis, L.E., Sloan, R. Semiconductor junction circulators 1434
Davis, L.E. *see* Arnaut, L.R. 29126
Davis, L.E. *see* Arnaut, L.R. 29205
Davis, L.E. *see* Borjak, A.M. 1467
Davis, L.E. *see* Borjak, A.M. 42161
Davis, L.E. *see* Wright, P. 6733
Davis, L.E. *see* Wu, Z. 42153
Davis, M., Milstein, L. Implementation of a CDMA receiver with multiple-access noise rejection 37701
Davis, M.A., Kersey, A.D. All-fibre Bragg grating strain-sensor demodulation technique using a wavelength division coupler 31246
Davis, M.G., Muegge, M. Specialty memories open up new applications 26949
Davis, M.G., O'Dowd, R.F. Time-resolved spectral measurements on a multielectrode DFB laser using a Fabry-Perot interferometer 35886
Davis, M.H., Jr. Using optical waveguides in general purpose parallel computing 28544
Davis, N.R. *see* Pitre, R. 23216
Davis, P. *see* Hartman, S.C. 38818
Davis, P. *see* Rosenzweig, J. 42357
Davis, P.A. *see* Abd-El-Hamid, G. 3031
Davis, R. *see* Matson, J. 46381
Davis, R.C., Loeliger, H.-A. A nonalgorithmic maximum likelihood decoder for trellis codes 21634
Davis, R.F. *see* Rowland, L.B. 700
Davis, R.G. Performance assessments of specular reflectors 17605
Davis, R.J. *see* Bayley, A.M. 46151
Davis, R.M. *see* Clare, J.C. 8598
Davis, S. Cable management systems save installation time and cost 16408
Davis, S., Hollander, D. An overview of surface mount technology (SMT) for power supply applications 26720
Davis, S. *see* Jairath, R. 19606
Davis, S.B. *see* Moore, P.J. 8194
Davis, S.J., Kessler, W.J. Vibrationally assisted transfer laser concept 28697
Davis, S.J. *see* Miller, H.C. 28696
Davis, S.L., Nickels, R. PC-based automation provides real-time performance 1679
Davis, T.J., McAllister, T., Maslen, V., Wilkins, S.W., Faith, M., Leech, P. Mathematical and numerical models of CdTe deposition in a precracking metalorganic chemical vapour deposition reactor 9627
Davis, T.J., Schachter, L., Nation, J.A. High power microwaves at 9 GHz from an extended length cavity in a coaxial beam geometry 1797
Davis, T.J. *see* Halverson, C.A. 39321
Davis, T.J. *see* Kuang, E. 1807
Davis, W. *see* Johns, K. 31685
Davis, W.A. Comments on 'An ethical imperative for technical communicators' by M. Markel 40722
Davison, D., Eisenberg, J., Eglit, J., Forbush, D., Franklin, J., Mockett, P., Sutlief, S., Toevs, F., Watkins, B., Onoprienko, D., Todd, R., Bugg, W. Test results for the parallel plate liquid argon calorimeter and pizero detector 31709
Davison, R., O'Brien, P., O'Sullivan, D. Decision support for configuring telecommunication services 45464
Davison, R., O'Brien, P., O'Sullivan, D., Brown, T. A decision support system for the allocation of resources during service provisioning 37306
Davison, R. *see* Wiegand, M. 37296
Davito, D. *see* Liu, W. 1507
Davletshina, Z.Yu. *see* Sanchugova, N.S. 12451
Davletshina, Z.Yu. *see* Voskovtsova, L.M. 12452
Davoli, F., Iudica, M., Lombardo, A., Maresca, M., Palazzo, S. A network management and control scenario for multimedia applications 45459
Davoli, F. *see* Bolla, R. 5171
Davoli, R. *see* Panzieri, F. 5584
Davolio, G. *see* Motori, A. 48096
Davoudian, K. *see* Apostolakis, G. 39772
Davoust, M.E. *see* Cazabat, M. 15049
Davy, D.T. *see* Singerman, R. 24150
Davydov, D.N., Deltour, R., Horii, N., Timofeev, V.A., Grokholski, A.S. Cryogenic scanning tunneling microscope with a magnetic coarse approach 12540
Davydov, S.V. *see* Barykin, A.A. 12339
Davydov, V.A. Codes correcting errors in the modulus metric, Lee metric, and operator errors 44728
Daw, A.N. *see* Mukhopadhyay, S. 19067
Daw, A.N. *see* Pal, D.K. 33635
Daw-Tung Lin, Dayhoff, J.E., Ligomenides, P.A. Adaptive time-delay neural network for temporal correlation and prediction 36633
Dawalibi, F. *see* Daily, W.K. 48031
Dawalibi, F.P. Computation of electromagnetic fields produced by electric power lines and residential electrical wiring 24976
Dawalibi, F.P., Ma, J., Southey, R.D. Behaviour of grounding systems in multilayer soils: a parametric analysis 47583
Dawalibi, F.P., Selby, A. Electromagnetic fields of energized conductors 24948
Dawalibi, F.P. *see* Ma, J. 32463
Dawant, B.M., Manders, E.J., Lindstrom, D.P. Adaptive signal analysis and interpretation for real-time intelligent patient monitoring 36750
Dawant, B.M., Uckun, S., Manders, E.J., Lindstrom, D.P. SIMON: a distributed computer architecture for intelligent patient monitoring 7318
Dawant, B.M., Uckun, S., Manders, E.J., Lindstrom, D.P. The SIMON project: model-based signal acquisition, analysis, and interpretation in intelligent patient monitoring 38956
Dawant, B.M. *see* Zijdenbos, A.P. 39005
Dawe, B.J. *see* Khan, R.H. 23181
Dawe, P.J.G. *see* Lee, W.S. 45931
Dawei Gong, Xin Wei, Fang Lu, Qinhua Wang, Henghui Sun, Xan Wang Suppression of interfacial boron accumulation and defect density in molecular beam epitaxial silicon 9531
Dawei Gong *see* Gong Dawei
Dawei Tu *see* Tu Dawei
Dawei Yan *see* Yan Dawei
Dawei Zhang, Fetterman, H.R., Eddy, M.M., Nilsson, J.L., Forse, R.J. High-Q $Tl_2CaBa_2Cu_2O_8$ high-T_c superconducting quasi-optical millimeter-wave bandpass filters working at 77 K 34251
Dawei Zheng *see* Zheng Dawei
Daweritz, L., Kostial, H. Self-organized in-plane incorporation of Si atoms in GaAs by molecular beam epitaxy 26401
Daweritz, L., Muggelberg, C., Hey, R., Kostial, H., Horicke, M. Wire-like incorporation of dopant atoms during MBE growth on vicinal GaAs(001) surfaces 41351
Daweritz, L., Ploog, K. Contribution of reflection high-energy electron diffraction to nanometre tailoring of surfaces and interfaces by molecular beam epitaxy 26456
Daweritz, L. *see* Ramsteiner, M. 41348
Dawertiz, L. Atomic processes during crystal growth studied by reflection high-energy electron diffraction 680
Dawes, N.W., Pagurek, B., Iqneibi, S., Yuan, B. An effective architecture for communications network diagnostic systems 37529
Dawid, H., Meyr, H. Very high speed CORDIC implementation: algorithm transformation and novel carry-save architecture 18816
Dawidziuk, J., Jalbrzykowski, S., Prajs, Z. An analysis and experimental studies of auxiliary resonant commutated pole inverters 17098
Dawkins, D. *see* Elleby, P. 10803
Dawn, T. Your network in expert hands power system computer control 16190
Dawn, T. Sticking with star-delta starters [motor applications] 16762
Dawn, T. How to tell a click from a burp from a whistle [wavelet analysis] 21859
Dawn, T. A darned site safer [construction industry] 25988
Dawn, T. Doors open for the Hall effect [transducers] 46363
Dawn, T. Land of the midnight sun 48464
Dawoud, M.M. *see* Tennant, A. 36412
Dawson, A.K. *see* Lu, R.M.T. 39102
Dawson, B. *see* Benhadj, R. 6447
Dawson, B. *see* Benhadj, R. 21920
Dawson, D. *see* Mundinger, D. 20726
Dawson, D. *see* Salib, M. 1639
Dawson, D.M. *see* Hu, J. 40189
Dawson, E. Cryptanalysis of summation generator 12951
Dawson, E., Clark, A. Divide and conquer attacks on certain classes of stream ciphers 36551
Dawson, E., Donovan, D. Shamir's scheme says it all [data encryption] 21622
Dawson, E., Donovan, D. The breadth of Shamir's secret-sharing scheme 44668
Dawson, E. *see* Allinson, C. 21589
Dawson, E. *see* Goldburg, B. 12882
Dawson, E. *see* Sridharan, S. 13024
Dawson, F.P. *see* Jaques, J. 7741
Dawson, F.P. *see* Sun, S. 8621
Dawson, F.P. *see* Szilagyi, P. 8624
Dawson, F.P. *see* Wei Yan 8547
Dawson, F.P. *see* Weidenbrug, R. 16943
Dawson, G.E. *see* Idir, K. 47901
Dawson, G.E. *see* Liu, Z. 44245
Dawson, J. *see* Lapp, S. 48388
Dawson, J.F. An overview of EMC design techniques 36234
Dawson, J.F. Prediction of the performance of screened rooms partially lined with ferrite absorbing tiles by the TLM method 36248
Dawson, J.F., Chaplin, M., Cole, G., Cullen, D., Dawson, L., Fawcett, W., Wainright, N., Welsh, D. Case study—design of a generic small system 36245
Dawson, J.F., Hagiwara, S. Simulation of electromagnetic interference in integrated circuits using the SPICE circuit modelling package 41608
Dawson, J.F. *see* Porter, S.J. 4032
Dawson, J.W. *see* Jianhui Zhou 35892
Dawson, K. *see* Healy, P. 40996
Dawson, L. *see* Dawson, J.F. 36245
Dawson, L. *see* Marshman, C.A. 36233
Dawson, L.R. *see* Kurtz, S.R. 35766
Dawson, M.I., Sridharan, S. Speech enhancement using time delay neural networks 4565
Dawson, P. *see* Tamm, I.R. 19753
Dawson, R.M. *see* Wronski, C.R. 27490
Dawson, R.M.A. *see* Fortmann, C.M. 42433
Dawson, T. Recent and future developments in cable technology in the UK Royal Navy 5698
Dawson, W.J. *see* Near, C.D. 18312
Dawson, W.S. *see* Stolitzka, D. 40452
Dax, A. A row relaxation method for large minimax problems 537
Dax, A. *see* Bachem, E. 3445
Daxing Han *see* Keda Wang 28657
Day, A. *see* Weisenberger, A. 1815
Day, J.L. *see* Wang, Y. 39407
Day, J.P. *see* Lilley, J.S. 7394
Day, M.E., Delfino, M., Tsai, W., Bivas, A., Ritz, K.N. Study of silicon surfaces bombarded with noble gas ions in an electron cyclotron resonance plasma 10943
Day, M.E. *see* Nam, C.W. 10964
Day, M.E. *see* Nam, C.W. 34744
Day, M.E. *see* Tsai, W. 2151
Day, P. *see* Furber, S.B. 34118
Day, R.G. Program calculates ECM system performance 7687
Day, R.M. *see* Blissett, R.J. 31035
Day, S.P., Davenport, M.R., Camporese, D.S. Dispersive networks for nonlinear adaptive filters 4642
Day, S.P. *see* Davenport, M.R. 4637
Day, T. *see* Black, J.F. 20907
Day, T. *see* Simpson, T.B. 29074
Dayal, S. *see* Naik, A.A. 19511
Dayal, Y. *see* Zizzo, D. 32550
Dayan, T. *see* Staepelaere, D. 33827
Dayhoff, J.E. *see* Daw-Tung Lin 36633
Dayhoff, R.E. *see* Kuzmak, P.M. 14242
Dayi Li *see* Jianguo Chen 35784
Dayney, S. Spliceless installation of 115 kV XLPE underground cable 7955
Dayong Wang *see* Zhao Wang 43557
Dayong Wang *see* Wang Dayong
Dayras, R. *see* De Filippo, E. 46876
Dayton, A.D. *see* Smith, D.R. 37168
Dayton, G., Glabau, E., Cobb, T. Development and properties of X8R capacitors 34294
Dayu He *see* He Dayu
Daywitt, W.C. A set of primary noise standards for the MM-wave bands 23373
Daywitt, W.C. The noise temperature of an arbitrarily shaped microwave cavity with application to a set of millimetre wave primary standards 46585
Dazheng Wu *see* Wu Dazheng
Dazun Zhao *see* Zhao Dazun
D'Cunha, I. *see* Alvertos, N. 30025
dDe Raedt, W. *see* Aniel, F. 1499
De, A. Auditory distortion measures for coded speech quality evaluation 13073
De, A., Dasgupta, S.S., Sen, D. Time dispersion in large plastic scintillation neutron detectors 15639
De, A.K. *see* Tripathy, S.K. 39390
De, B. *see* Ghatak, K.P. 27528
de, D.Brucq *see* Brucq de, D.
De, K., Banerjee, P. PREST: a system for logic partitioning and resynthesis for testability 33985
De, K., Ramkumar, B., Banerjee, P. ProperSYN: A portable parallel algorithm for logic synthesis 26876
De, S., Goel, P.S. Electronic components for space systems 32021
De, S.K. *see* Pal, S.K. 8722
De, S.S., Ghosh, A.K., Bera, M., Halder, J.C., Hazra, A.K. Studies on Auger lifetime in heavily doped $In_{0.72}Ga_{0.28}As_{0.6}P_{0.4}$ 42412
De, S.S., Ghosh, A.K., Hajra, A.K., Halder, J.C., Bera, M. Studies on temperature and concentration dependent minority carrier lifetime in heavily doped InGaAsP 42428
De, T.K. Programmable S-function and RED technique for medical imaging 31897
De, V.K. *see* Agrawal, B. 42970
De, V.K. *see* Meindl, J.D. 28253
de A. Araujo, A., de Andrade, M.C. Characterization of grain structure by image processing: a new implementation based on the Saltykov method 13734
de Abreu, A.Pita *see* Pita de Abreu, A.
de Abreu, G.N. *see* Martins, D.C. 8638
de Abreu Garcia, J.A. *see* Immel, S.M. 24447

de Agapito, J.A., de Agapito, L., Schneider, M., Rosa, R.G., de Pedro, T. Fuzzy logic applied to gas sensors 6662
de Agapito, J.A. *see* Dutronc, P. 6641
de Agapito, J.A. *see* Gutierrez, F.J. 6636
de Agapito, J.A. *see* Gutierrez, F.J. 6661
de Agapito, L. *see* de Agapito, J.A. 6662
de Albuquerque, A.A., Houghton, A.J.N., Malmros, S. Field trials for fiber access in the EC 45677
de Almeida, A. *see* Dias, J. 13695
de Almeida, A.T., Campello de Souza, F.M. Decision theory in maintenance strategy for a 2-unit redundant standby system 17787
de Alvarenga, B.P. *see* Neto, L.M. 40200
de Alvarenga, B.P. *see* Neto, L.M. 40201
de Alvarenga, B.P. *see* Neto, L.M. 40206
de Andrade, A.M. *see* Dirani, E.A.T. 19325
de Andrade, M.C. *see* de A. Araujo, A. 13734
de Andres, M.del Carmen *see* del Carmen de Andres, M.
De Angelis, C., Santagiustina, M., Trillo, S. Induced modulational instability in high-birefringence fibers: the strong conversion regime 36033
de Angelis, C., Wabnitz, S., Haelterman, M. Bandwidth limits due to polarisation multiplexed soliton interactions 5864
De Angelis, C. *see* Aceves, A.B. 36031
De Angelis, C. *see* Aceves, A.B. 36032
De Angelis, C. *see* Aceves, A.B. 36305
De Angelis, C. *see* Costantini, B. 36321
De Angelis, D. *see* Morini, A. 1456
de Angelis, K. *see* Green, L. 46405
de Araujo, C.A.Paz *see* Paz de Araujo, C.A.
De Araujo, C.B. *see* Gomes, A.S.L. 3874
de Araujo, C.B. *see* Ma, H. 3820
De Araujo, C.P. *see* Nagata, S. 34271
de Araujo, H. *see* Dias, J. 13695
de Araujo, L.E.E. *see* Ma, H. 3820
De Araujo, R.E. *see* Gomes, A.S.L. 3874
de Avila, S.Fernandez *see* Fernandez de Avila, S.
De Azevedo, H.R., Brandao, S.F.M., Alves, J.B.M. A fuzzy controller of position using DC machine 40256
De Azevedo, H.R., Hey, H.L., Paschoareli, R., Rende, R.C. A fuzzy logic controller for half-bridge DC-DC PWM ZVZCS converter to high power applications 17004
De Azevedo, H.R., Wong, K.P. A fuzzy logic controller for permanent magnet synchronous machine—a sliding mode approach 16802
De Baere, P. *see* Verrecchia, G.P.D. 38873
De Baets, J., Van Calster, A., Capon, J., De Rycke, I., De Smet, H., Doutreloigne, J., Vanfleteren, J., Fujisawa, T., Ogawa, H., Takatsu, H. Active matrix design for polymer network liquid crystal projection displays 31371
De Baets, J., Van Calster, A., Capon, J., De Rycke, I., De Smet, H., Doutreloigne, J., Vanfleteren, J., Nachtergaele, G., Demolder, S. Silicon oxynitride layers for device passivation 27768
De Baets, J. *see* Capon, J. 15073
De Baets, J. *see* Capon, J. 43616
De Baets, J. *see* De Smet, H. 31359
De Barace, R. High-bit-rate digital subscriber line transmission systems 45738
de Barbaro, P. *see* Auchincloss, P.S. 46953
de Barbaro, P. *see* Kinnel, T.S. 38880
de Barros, M.Alves *see* Alves de Barros, M.
de Bartolo, D. *see* Cantone, M.C. 31534
de Bastos, R.M.R., Laschuk, A. True 3D images in computer graphics through the use of computer generated holograms 12453
de Beer, R., Marseille, G.J., Mehlkopf, A.F., van Ormondt, D., Wajer, F.T.A.W. Modelling of medical magnetic-resonance-imaging signals 38991
de Beer, R., Mehlkopf, A.F., van Ormondt, D., Pijnappel, W.W.F., Schramp, M. In vivo magnetic resonance imaging of metabolites 15834
de Beer, R. *see* van Tongeren, B.P.O. 24263
de Beler, M. *see* Rowles, C. 4579
De Bernardi, C. *see* Morasca, S. 11627
De Bernardis, M. *see* Quadrini, E.M. 15991
De Biase, G.A., Ferrone, C., Massini, A. A quasi-nonblocking self-routing network which routes packets in $\log_2 N$ time 5176
de Biasi, B.Victor *see* Victor de Biasi, B.
de Biasi, V. Bechtel scores with down-to-earth operating and maintenance plan [for thermal power stations] 47711
de Bie, J. *see* Janssen, M.J.A. 7419
de Blank, R. *see* Heyns, M.M. 34701
de Blok, K.M. *see* Labrujere, A.C. 6065
De Boeck, W. *see* Wegener, W. 31129
de Boer, C.R. *see* Amersfoort, M.R. 35455
de Boer, C.R. *see* Amersfoort, M.R. 35634
de Boer, C.R. *see* Amersfoort, M.R. 38125
de Boer, H. *see* Schonfelder, V. 7146
de Boer, J.F.G. First results of the 16/64 QAM XPIC trial in the Netherlands 14436
de Boer, M.P., Angelo, J.E., Dabiran, A.M., Cohen, P.I., Gerberich, W.W. Microstructural characterization of low temperature GaAs(111)B MBE growth by AFM and TEM 33668
De Bortoli, L. *see* Quadrini, E.M. 15991
De Bosscher, W., Matilainen, M., Witvrouw, A., Maex, K. Influence of temperature on the properties of sputtered AlSiCu films 19633
De Bosscher, W. *see* Schreutelkamp, R.J. 19646
de Bot, P.G.M. Antenna diversity for OFDM systems 14391
de Bot, P.G.M., Baggen, P.M.J. Error correcting coding for OFDM broadcasting over frequency selective channels 30953
de Bot, P.G.M. *see* Janssen, J.G.W.M. 38228
de Bot, P.G.M. *see* van Linden, O.L. 12821
de Bot, P.G.M. *see* Schouhamer Immink, K.A. *(editor)* 9102
de Bouard, D. *see* Chiaroni, D. 37687
de Bougrenet de la Tocnaye, J.L. *see* Duvillier, J. 35527
De Bourgrenet De La Tocnaye, J.L. Ferroelectric liquid crystal light valves: application to parallel information processing 11697
De Brabander, G.N. *see* Burcham, K.E. 6457
De Brabander, G.N. *see* Kumar, M. 10818
De Brabander, G.N. *see* Yan Wang 3147
De Brauwer, O. Domomaster, a present-day electrical installation concept for residential or industrial buildings 16214
De Brion, J.-P., Balleyguier, P., Bonetti, C., Coacolo, J.-L., Joly, S., Josse, J., Loulergue, A., Schumann, F. Photo-injector for a FEL and related problems 38817
De Brion, J.P., Dei-Cas, R., Leboutet, H. A magnetic compressor for a 5 MeV electron beam 15443
de Brion, J.P. *see* Joly, S. 44009
De Bruin, M.G., Driver, K.A., Lubinsky, D.S. Convergence of simultaneous Hermite-Pade approximants to the n-tuple of q-hypergeometric series $\{{}_2\Phi_0((A,\alpha_i),(1,1);z)\}_{i=1}^{n}$ 26336
De Bruycker, A. *see* Zhou, M.-J. 20028
de Buen, D. *see* Sathaye, J. 48466
de Cabrejas, M.L., Giannone, C., Perez, A. Phantoms for external quality control in nuclear medicine by blind evaluation 24184
de Calmes, M. *see* de Ginestel-Mailland, A. 21704
de Capelle, A.R.Van *see* Van de Capelle, A.R.
de Capelle, A.van *see* van de Capelle, A.
De Carlo, D. *see* Luu, Q.C. 47170
de Casillas, M.Vela *see* Vela de Casillas, M.
de Castro, M.D.Luque *see* Luque de Castro, M.D.
De Castro, S. *see* Bertin, A. 31795
De Cesare, G., Di Rosa, P., La Monica, S., Salotti, R., Rita, R., Schirone, L. Addressable photosensing elements for 2-dimensional image sensors using a-Si alloy p-i-n diodes 31298
de Cesare, G., Di Rosa, P., La Monica, S., Salotti, R., Schirone, L., Saggio, G., Verona, E. Two dimensional image sensors based on amorphous silicon alloy p-i-n diodes 31312
De Cesare, G. *see* Caputo, D. 28596
De Cesare, G. *see* Conte, G. 42444
De Cesare, G. *see* Masini, G. 28653
De Ceuninck, W. *see* De Schepper, L. 26168
De Ceuninck, W. *see* Stulens, H. 34815
De Cleene, B., Sorensen, H.V. Prioritized subband coding of video for packet-switched networks 13651
de Colstoun, F.Brown *see* Brown de Colstoun, F.
De Conto, J.-M. European Laboratory for Electrons (technical proposal) 38764
De Cooman, M. *see* Puers, B. 7337
De Cooman, M. *see* Vergote, S. 7336
de Couasnon, T., Danilenko, L., In der Smitten, F.J., Kraus, U.E. Results of the first digital terrestrial television broadcasting field-tests in Germany 14774
de Couesnongle, M. Radio solutions for subscriber access networks 22774
de Couesnongle, M. Radio solutions for subscriber access networks 22793
de Cremiers, F.X. *see* Sexton, M. 22449
de Cremoux, B. *see* Maricot, S. 5952
De Cubber, A.M. *see* Capon, J. 43616
de Cunha, M.P., Adler, E.L. A network model for arbitrarily oriented IDT structures 7666
De Cuyper, B. *see* Li, H. 24208
De Dobbelaere, P. *see* Morf, T. 35618
De Doncker, R.W., Novotny, D.W. The universal field oriented controller 40550
De Doncker, R.W., Profumo, F. Trends of digital controllers for AC drives 8260
De Doncker, R.W., Profumo, F., Tenconi, A. The Universal Field Oriented (UFO) controller in the airgap reference frame 17500
De Doncker, R.W.A.A. *see* Jahns, T.M. 39302
De Fang Lin *see* Lin De Fang
De Faria, I.F., Jr. *see* Nakajima, H. 23010
de Fays, M. *see* Rudra, A. 41330
de Fermin, R., Perez, D., Reguero, F. The use of VHDL for the whole design flow of digital radio devices 14422
De Filippo, E., Lanzano, G., Pagano, A., Urso, S., Berthier, B., Charvet, J.L., Dayras, R., Legrain, R., Lucas, R., Mazur, C., Pollacco, E., Sauvestre, J.E., Volant, C., Beck, C., Djerroud, B. A study of light quenching in BaF_2 crystals for heavy ions at intermediate energies a 46876
De Fina, S. *see* Bernardini, A. 5828
De Fina, S. *see* Bernardini, A. 29590
De Flaviis, F., Rozzi, T., Moglie, F., Sgreccia, A., Panzeri, A. Accurate analysis and design of millimeter wave mixers 1567
de Fornel, B. *see* Ammar, F.B. 8890
de Fornel, B. *see* Ben Ammar, F. 8860
de Fraguier, S. *see* Ventura, P. 16047
De Franceschi, R. *see* Serra, L. 20843
de Freitas, L.C., Gomes, P.R.C. A ZVT buck converter using a feedback resonant circuit 16972
De Frenne, D. *see* Govaert, K. 31556
de Fresart, E. *see* Ying Zhang 2149
de Frutos, J. *see* Mendiola, J. 15005
De Gasperis, P. *see* Marcelli, R. 43327
De Gaudenzi, R., Giannetti, F. Performance analysis of a CDMA-based satellite-mobile audio broadcasting system 46175
De Gaudenzi, R., Luise, M., Viola, R. A digital chip timing recovery loop for band-limited direct-sequence spread-spectrum signals 22301
De Gaudenzi, R. *see* Colzi, E. 37085
De Geeter, E. *see* Dufour, A. 48395
De Geronimo, G. *see* Bertuccio, G. 31788
de Geus, P.Licio *see* Licio de Geus, P.
de Ginestel-Mailland, A., Perennou, G., de Calmes, M. A phonological approach to speech recognition 21704
De Giorgi, M. *see* Gasparini, F. 46980
De Giorgi, M.Luisa *see* Luisa De Giorgi, M.
De Gloria, A., Faraboschi, P., Olivieri, M. Delay insensitive micro-pipelined combinational logic 1128
De Gloria, A. *see* Antognetti, P. 18653
De Gloria, A. *see* Antognetti, P. 18944
De Gloria, A. *see* Costa, A. 1240
De Gloria, A. *see* Costa, A. 7317
de Goeije, M. *see* Catrysse, J.A. 36226
de Goeje, M.P. *see* Steenbakkers, L.W. 44407
de Goor, A.J.van *see* van de Goor, A.J.
de Goor, P.F.A.van *see* van de Goor, P.F.A.
de Graaf, M.J., Qing, Z., van Rooij, G., van de Sanden, M.C.M., Schram, D.C., Heeren, R.M.A., Kleyn, A.W. Rotational and gas temperatures in a surface conversion negative ion source 46827
de Graauw, T. *see* Honingh, C.E. 2885
de Gracia, J., Montesinos, J.L., Poch, M., Alonso, J., Bartroli, J., Ferreira, I.M.P.L.V.O., Lima, J.L.F.C. Evaluation of a mathematical model to simulate dynamic response of tubular potentiometric sensors in flow-injection systems 6430
De Grandi, G. *see* Andreatos, A.S. 23283
de Griendt, M.A.J.van *see* van de Griendt, M.A.J.
de Groot, G.J. RF-disturbances on telephone lines 45736
de Groot, J.J., Houkes, H. Triple-U electronic compact fluorescent lamps with reduced harmonics 48452
de Groot, P., McGarvey, J. Laser gage using chirped synthetic wavelength interferometry 6523
de Groote, J. *see* van Parys, H. 38109
de Grooth, B.G. *see* Schut, T.C.B. 15823
De Gruson, J.A., Silvey, R.L. Improved sodium sulfur LEO performance 17258
De Gruson, J.A. *see* Addington, L.A. 17156
de Guibert, A. Lead batteries and electric vehicles 40428
De Guzman, M.S. *see* Shirley, C.G. 33400
de Haan, G., Biezen, P.W.A.C., Huijgen, H., Ojo, O.A. True-motion estimation with 3-D recursive search block matching 22043
de Haan, G. *see* Kleihorst, R.P. 22198
de Haas, A.P. *see* Langerak, J.J. 38909
de Haas, J.T.M. *see* Dorenbos, P. 7191
De Hoe, J.M. Effects of electroheat applications on the network 25940
de Hoog, F.J. *see* Kersten, H. 42683
de Iacovo, R.Drogo *see* Drogo de Iacovo, R.
de Iorio, I., Rossi, F., Sergi, V. Steel sheet laser welding optimization with neural networks 21130
de Izarra, C., Vallee, O. On the use of linear CCD image sensors in optics experiments 40827
de Jager, C.W. A study of storage-cell induced background 31647
de Jager, C.W. *see* Blok, H.P. 38935
de Jager, G. *see* Hoare, F. 13836
de Jager, G. *see* Kay, G. 13834
De Jager, G. *see* Moon, P. 13835
De Jager, G. *see* Symonds, P.J. 13833
de Jager, P.W.H., Vijgen, L.J. Beam interactions in a focused ion beam system with a liquid metal ion source 29107
de Jager, W.A.G., Tubbing, G.H. A vector oriented control strategy for a 4-quadrant line side converter 8579
De Jagher, P.C. *see* Lenstra, D. 44124
de Jesus, J.T. *see* Trunk, J. 3037
De Jesus, M. *see* de Marcillac, P. 24058
De Jian *see* Jian De
de Jong, A. *see* van Hilten, O. 48201
de Jong, A.N. Review of infrared technology in The Netherlands 31274
de Jong, A.N. Ship infrared detection/vulnerability 32162
de Jong, F., de Lind van Wijngaarden, A. Memory interconnection test at board level 1691
de Jong, H.C.J. Skew leakage in induction machines 40173
De Jong, J. *see* Hobson, W.S. 6506
de Jong, L.P. *see* van den Broeke, L.A.D. 31033
De Jong, M. *see* Rimmer, R. 15511
de Jong, M.J.M. *see* Liefrink, F. 19361
de Jong, M.S. *see* Adams, F.P. 46792
De Jong, P.A.L. *see* Hogervorst, R. 41686

de Jong, S. *see* van der Kam, P.M.A. 46688
de Jongh, K.H.R., Bartels, J.A. Recommendations for lighting assimilation to anticipate problems 40658
De Jonghe, G. Asymptotic expression for the equivocation probability of the NDA FF carrier synchroniser 13870
De Jonghe, G. Optimal averaging filter length for nondecision-aided feedforward carrier synchroniser 36638
De Jonghe, G. Frequency offset influence on the cycle slipping behaviour of the M-th power NDA FF carrier synchronizer 37058
De Jonghe, G., Moeneclaey, M. Cycle slip analysis of the M-th power NDA feedforward carrier synchronizer for M-PSK using narrowband postfiltering 21499
De Jonghe, L.C. *see* Ma, Y. 17189
De Jonghe, L.C. *see* Ue, M. 48067
de Jonghe, M. *see* Mehtani, R. 10203
De Keijser, M., Dormans, G.J.M., Van Veldhoven, P.J., Larsen, P.K. High quality lead zirconate titanate films grown by organometallic chemical vapour deposition 33746
de Keijser, M. *see* Dormans, G.J.M. 9779
De Keyser, V. *see* Masson, M. 16526
de Klein, F.J. Important issues in reflow soldering 34415
de Klein, F.J. Important issues in reflow soldering 42314
de Kock, J.A. The effects of voltage dips on induction motors 16870
de Kock, L. *see* Ali-Arshad, S. 6371
de Koning, N. *see* Adam, W. 7259
de Koning, N. *see* Adam, W. 31715
de Koning, N. *see* Adam, W. 46929
de Koning, N. *see* Adam, W. 46929
De Kort, J.B.J.M. Bounds for the symmetric 2-peripatetic salesman problem 536
de Kort, K. The role of internal waveform measurements in IC development 43057
de Kort, K., Luchies, J.M., Vrehen, J.J. The transient behaviour of an input protection 43056
de Korte, P.A.J. *see* le Grand, J.B. 24051
de Korte, P.A.J. *see* Patel, C. 20200
De Kreuk, C.W., Van Duin, P.J. A computer model for the determination of the residual capacity of (lead-acid) batteries 48300
de La Casa, J. *see* Casanova, P. 26815
De La Casiniere, A. *see* Grenier, J.C. 44370
de La Chapelle, M. *see* Abbas, G.L. 7538
de la Cruz, G.Gonzalez *see* Gonzalez de la Cruz, G.
de la Cruz, J.M. *see* Aranda, J. 36704
de la Filolie, B.Varailhon *see* Varailhon de la Filolie, B.
De La Fuente, R. *see* Linares, J. 29236
de la Fuente, R.M.N. *see* Benedi, J.A. 23473
de la Houssaye, P.R., Burns, M.J., Ruby, W.J., Russell, S.D., Clayaton, S.R., Garcia, G.A., Lee, L.P. Demonstration of monolithic co-fabrication of $Y_1Ba_2Cu_3O_{7-\delta}$ and CMOS devices on the same sapphire substrate 20214
de la Houssaye, P.R. *see* Burns, M.J. 2891
de la Iglesia, R.Diaz *see* Diaz de la Iglesia, R.
de la Plaza, J. Satellite ISDN network with on-board switching 30694
De la Puerta, J. *see* Zabala, E. 6565
de la Ree, J. *see* Centeno, V. 7993
de la Rochette, H. *see* Moreau, Y. 35075
De La Rue, R.M., Magill, J.V., Laybourn, P.J.R., Zhou, Y., Cushley, W., McSharry, C. Fabrication of optical waveguide immunosensors 46519
De La Rue, R.M., Zhou, F., Jiang, P., Ironside, C.N., Han, T.P.J., Ferguson, A.I., Henderson, B. Active guided-wave optical devices in lithium niobate and lithium tantalate 3866
De La Rue, R.M. *see* Gontijo, I. 28828
De La Rue, R.M. *see* McLean, C.J. 1884
De La Rue, R.M. *see* Marsh, J.H. 3398
De La Rue, R.M. *see* Taneja Nayyar, A. 46355
de la Soujeole, A. *see* Ryat, M.H. 9981
de la Tocnaye, J.L.de Bougrenet *see* de Bougrenet de la Tocnaye, J.L.
De La Tocnaye, J.L.De Bourgrenet *see* De Bourgrenet De La Tocnaye, J.L.
de la Torre, V. *see* Candelaria, J. 2648
de la Veaux, S.C. *see* Nordine, P.C. 640
de la Vega, A.S. *see* Adam, W. 7259
de la Vega, A.S. *see* Adam, W. 31715
de la Vega, A.S. *see* Adam, W. 46929
de Labachelerie, M., Latrasse, C. Frequency stabilized 1.5 μm laser diode using an heterodyne spectroscopy method for a spatial application 3657
de Labachelerie, M. *see* Dimarcq, N. 28837
De Lameillieure, J., Stammnitz, P., Schamel, G., Stenger, L., Knoll, A., Capodiferro, L., Bruyland, I., Simon, S., Feng, F., Van Eycken, L., Somogyi, T. Subband coding at 140 Mbit/s of interlaced HDTV signals 14803
De Lameillieure, J. *see* Bruyland, I. 13779
de Lange, G. *see* Honingh, C.E. 2885
de Lange, M.K. *see* Labrujere, A.C. 6065
De Langhe, P., Blomme, K., Martens, L., De Zutter, D. Measurement of low-permittivity materials based on a spectral-domain analysis for the open-ended coaxial probe 23847
De Langhe, P., Martens, L., De Zutter, D. Theoretical analysis of an open-ended coaxial probe on a cylinder of finite thickness 46583
De Lara, S. *see* Faucher, J. 17467
De las Heras, C. *see* Ferrer, I.J. 26464
de Launey, W. *see* Horadam, K.J. 531
de Lavalette, G.M. *see* Tomasini, B. 6150
de Leeuw, G. *see* van Eijk, A.M.J. 29191
de Leeuw, R.W., Mutsaers, P.H.A., Mangnus, A.V.G., Hagedoorn, H.L. Derivation of the trajectory equations of achromatic quadrupoles with Hamiltonian theory 15470
De Leo, R., Pierantoni, L., Rozzi, T., Zappelli, L. Excitation and scattering in GTEM cells 44438
De Leo, R. *see* Cerri, G. 24338
De Leo, R. *see* Cerri, G. 34339
De Leo, R. *see* Cerri, G. 42289
De Leo, R. *see* Rozzi, T. 29138
de Leo, R. *see* Zondervan, A. 46867
de Leon, F., Semlyen, A. Complete transformer model for electromagnetic transients 47930
de Leon, F. *see* Semlyen, A. 24614
de Leon, M.Garcia *see* Garcia de Leon, M.
De Leone, R. *see* Mujumdar, A. 41729
de Lima, A.C. *see* Cahill, R. 4342
de Lima, E.P. *see* Fraga, M.M. 15655
de Lind van Wijngaarden, A. *see* de Jong, F. 1691
De Lisio, M.P. *see* Kim, M. 1584
De Lisio, M.P. *see* Moonil Kim 34279
De Lisio, M.P. *see* Rutledge, D.B. 27288
De Lisio, P. *see* Moonil Kim 34252
De Liso, G., Muschitiello, M., Stucchi, M. Failure analysis of encapsulated electronic devices by means of scanning ultrasonic microscopy technique 9313
De Loore, B.J.S., Crombez, P., Delaruelle, A., Sheridan, P., Woudsma, R., Niessen, C., Biesterbos, J., Gubbels, W., Repko, W. The design of a competitive ASIC for the consumer market using the PIRAMID design system 23358
de los Heros, C.P. *see* Baur, R. 46897
De Los Santos, A. Practical considerations for NMR/MRI in NDT 33788
De Luca, M., Maugeri, A. Variational inequalities applied to the study of paradoxes in equilibrium problems 576
De Luca, O. *see* Hurinville, B. 14441
de Lucia, M., Lanfranchi, C. An infrared pyrometry system for monitoring gas turbine blades: development of a computer model and experimental results 46659
de Lustrac, A. *see* Aniel, F. 1499
De Lustrac, A. *see* Sylvestre, A. 19031
de Lyon, T.J., Roth, J.A., Wu, O.K., Johnson, S.M., Cockrum, C.A. Direct molecular-beam epitaxial growth of ZnTe(100) and CdZnTe(100)/ZnTe(100) on Si(100) substrates 654
De Ma Song *see* Song De Ma
de Maagt, P.J.I., Touw, S.I.E., Dijk, J., Brussaard, G., Wijdemans, L.J.M., Allnutt, J.E. Diurnal variations of 11.2GHz attenuation on a satellite path in Indonesia 21238
de Madrid, A.P., Morilla, F., Dormido, S. A PC based real-time generalized predictive controller 40234
De Magistris, M., Hoffmann, D.H.H., Boggasch, E., Tauschwitz, A. Shape optimization of a wall-stabilized plasma lens 31564
de Magistris, M. *see* Tauschwitz, A. 31573
De Man, E. *see* Sebald, G. 14415
De Man, H. *see* Pauwels, M. 18817
De Man, H. *see* Van Himbeeck, C. 37892
De Man, H. *see* van Sas, J. 1158
De Man, H. *see* van Sas, J. 41775
De Man, H. *see* Vanbekbergen, P. 26307
De Man, H. *see* Vanbekbergen, P. 41602
De Man, H.J. *see* Franssen, F.H.M. 34124
De Marchi, A. *see* Bava, E. 23385
De Marchi, A. *see* Rubiola, E. 23910
De Marchis, G., Matera, F., Settembre, M. Comparison of performance of long-haul high-capacity optical systems 5865
De Marchis, G., Matera, F., Settembre, M. Nonlinear limitations in ultra high-capacity long-distance transmission links 38103
De Marchis, G. *see* Betti, S. 5941
De Marchis, G. *see* Betti, S. 37511
De Marchis, G. *see* Betti, S. 44654
De Marchis, G. *see* Betti, S. 46020
de Marcillac, P., Coron, N., Leblanc, J., Bobin, C., Berkes, I., De Jesus, M., Hadjout, J.P., Gonzalez-Mestres, L., Zhou, J.W. Characterization of a 2 g LiF bolometer 24058
de Marcillac, P. *see* Alessandrello, A. 24024
de Marcillac, P. *see* De Moor, P. 24029
de Marcillac, P. *see* Masse, D. 38841
De Marcillac, P. *see* Zhou, J.W. 6499
De Marco, R. *see* Manders, J.E. 40416
De Mare, M. *see* Benaloh, J. 29497
De Maria, L., Martinelli, M. External frequency modulation of a laser source for non-incremental interferometric measurements 23892
De Martinis, C., Lombardi, A., Pivi, M., Parodi, R., Fossati, C., Gemme, G., Fabbricatore, P., Musenich, R., Zhang, B. Design and test of a prototype cavity for the ELFA injector 15510
De Maso, J., Myers, S., Sellers, C. Disk-based, high-resolution ECG recorder for ambulatory monitoring 39050
de Mateo, M.L., Johns, S., Dothey, M., Van Himbeeck, C., Deman, I., Wery, B. First satellite mobile communication trials using BLQS-CDMA 37935
de Mathan, B. *see* Cherif, H. 495
de Mathelin, M. *see* Perneel, C. 45224
de Mauduit, B. *see* Guillemet, J.P. 26496
de Meester, P. *see* Wevers, M. 18370
De Mello Koch, R. *see* Willis, A.J. 14695
de Mello Peregrino, R. *see* Baumgartner, W.D. 19107
de Mendivil, J.R.Gonzalez *see* Gonzalez de Mendivil, J.R.
de Menezes, L.R.A.X., Abdalla, H., Jr, Machado, A.H., Jr. Suspended stripline low pass filter design using the TLM method 1477
De Meyer, K.M. *see* Vankemmel, R.C. 28065
De Meyere, A. Light propagation and color variations in liquid-crystal displays 35608
De Meyere, A. *see* Maximus, B. 11693
De Michele, G. *see* Bramanti, M. 6748
De Micheli, G. Optimization of sequential synchronous digital circuits using structural models 18637
De Micheli, G. *see* Filo, D. 34026
De Micheli, M. *see* Pikhtin, N. 12053
De Micheli, M.P. *see* Baldi, P. 20385
De Mierry, P., Etchegoin, P., Stutzmann, M. Plasma damage and acceptor passivation in D_2-plasma-treated InP:Zn: a photoluminescence and ellipsometry study 42724
de Miguel, J.L. *see* Ferreras, A. 35449
de Miguel Vela, G., Jimenez Rodriguez, F.J., Martinez Madrid, J.J., Casar Corredera, J.R. Optimization of the CFAR reference geometry in airborne Doppler radars 30884
de Miguel y Anton, J.L. *see* Anton Molina, O. 38493
de Miscault, J.C. *see* Duchet, M. 32009
De Moerloose, J., De Zutter, D. Surface integral representation radiation boundary condition for the FDTD method 4043
de Mol, C.G.M. *see* van den Brink, M.A. 19677
De Mol, R. *see* Corbel, C. 9842
De Mol, R. *see* Corbel, C. 18378
de Monchenault, G.Hamel *see* Hamel de Monchenault, G.
De Moor, B. The singular value decomposition and long and short spaces of noisy matrices 13216
De Moor, B. *see* Minten, W. 25921
De Moor, P., Wouters, J., Van Overmeire, F., Coron, N., Camps, J., de Marcillac, P., Jegoudez, G., Leblanc, J., Schuurmans, P., Severijns, N., Vanderpoorten, W., Vanneste, L. Enhanced performance of a bolometric detector at mK temperatures in high magnetic fields 24029
de Moraes, L.F.M., Ferreira, R.C.A. Analytical modeling and performance of dual-bus high-speed networks under the Adaptive Cycle Cell Insertion (ACCI) protocol 45341
De Mori, R. *see* Corazza, A. 4512
De Mori, R. *see* Corazza, A. 4534
De Munari, I., Menozzi, R., Fantini, F. Design and simulation of a test pattern for three-dimensional latch-up analysis 11310
de Muniain, J.Fernandez *see* Fernandez de Muniain, J.
de Murcia, M., Gasquet, D., Richard, E., Wolff, P., Zimmermann, J., Vanbremeersch, J. Determination of $Al_{0.25}Ga_{0.75}As$ longitudinal diffusion coefficient D(E) from H F noise measurements. Comparison with GaAs results 10670
de Murcia, M., Pascal, F., Lecoy, G., Vandamme, L.K.J. Excess noise in $Al_{0.25}Ga_{0.75}As$ epitaxial layers 10671
De Muro, G. *see* Barabino, M. 32654
De Natale, F.G.B., Desoli, G.S., Giusto, D.D. Adaptive least-squares bilinear interpolation (ALSBI): a new approach to image-data compression 5008
De Natale, F.G.B., Desoli, G.S., Giusto, D.D. Efficient interpolation scheme for image sequence data compression 29782
de Natale, P., Meucci, R., Pelli, S. *(editors)* 4th European Quantum Electronics Conference and 7th Italian Conference on Quantum Electronics. Technical Digest 26022
De Nicola, S., Carbonara, G., Finizio, A., Pierattini, G. Measurement of the temperature dependence of quartz refractive indices. A technique 38729
De Nijs, J.M.M. *see* Afanas'ev, V.V. 10768
de Nitto Persone, V. *see* Balsamo, S. 26273
de No, R.L. Interactive computer model for distribution networks design (DIREM) 24875
de Oliveira, C.A.S., Jen, C.K., Shang, A., Saravanos, C. Stimulated Brillouin scattering in cascaded fibers of different Brillouin frequency shifts 3784
de Oliveira, J.C. *see* Samesima, M.I. 40296
de Oliveira, M.F. The role of Orimulsion in European power generation 39946
de Oliveira, P.Guedes *see* Guedes de Oliveira, P.
de Oliveira Duarte, A.M. *see* Lomba, C.R.A.T. 45979
De Palma, J.F., Rousseau, J.J., Ligot, D. 100 A/660 V static circuit breaker 32964
de Panfilis, S. *see* Gnidica, F. 15530

De Paoli, I. *see* Marforio, R. 48209
De Paoli, M.-A. *see* das Neves, S. 2154
De Paoli, M.A. *see* Duek, E.A.R. 28501
de Paor, M. *see* O'Malley, M. 7390
De Pascale, M.P. *see* Bocciolini, M. 24082
de Pater, L. *see* Hof, A.L. 47072
de Paula, A.M. *see* Weber, G. 10661
de Paulet, M.Crastes *see* Crastes de Paulet, M.
de Pedro, T. *see* de Agapito, J.A. 6662
de Piolenc, M. EPRI's Rx designed to ensure advanced gas turbine health 16677
de Piolenc, M. Commercial PFBC plants just around the corner 47712
de Pol, M. CAE for radio-frequency hybrid circuits 42329
De Poli, M. *see* D'Avanzo, B. 38900
de Pontcharra, J. *see* Dentan, M. 34183
de Pontcharra, J.du Port *see* du Port de Pontcharra, J.
de Poorter, J.A. *see* Overwijk, M.H.F. 20897
De Porrata-Doria, R. *see* Elias-Fuste, A. 32052
de Porrata-Doria i Yague, R., Elias Fuste, A., Fernandez de Muniain, J. RF receiver for a bistatic radar 46070
de Potter, M. *see* Pereira, R. 27685
De Prisco, R., Monti, A. On reconfigurability of VLSI linear arrays 35047
De Prycker, M. *see* Letheren, M. 46330
De Puydt, J.M. *see* Wu, B.J. 9546
de Queiroz, R.L., Nguyen, T.Q., Rao, K.R. Generalised lapped orthogonal transforms 29647
de Queiroz, R.L., Rao, K.R. Time-varying lapped transforms and wavelet packets 44966
de Quiros, J.G.Bernaldo *see* Bernaldo de Quiros, J.G.
De Raedt, W. *see* Pereira, R. 10904
De Raedt, W. *see* Pereira, R. 27567
De Renzi, V., Biagi, R., Grazia Betti, M., Mariani, C. Space-charge layer, metallization, and collective excitations of the Bi/GaAs(110) interface 42780
De Renzis, G. *see* Dellagiacoma, G. 37868
de Ridder, D. *see* Wevers, M. 18370
De Ridder, J.-J., Dosiere, F., Chomet, P., Boutes, J.-P. Statistical analysis of mobile channel fading of MEO communication systems 22827
de Ridder, R.M., Sander, A.F.M., Driessen, A., Fluitman, J.H.J. An integrated optic adiabatic TE/TM mode splitter on silicon 45941
de Rijk, G. *see* Bailey, R. 7041
de Rijk, G. *see* Bailey, R. 15273
De Roeck, A. Status of H1 computing 38885
de Romemont, O., Bosse, M.P., Henry, F., Sexton, M., Schiavoni, S. Management of SDH network elements: an application of information modelling 22451
De Roo, R.D., Ulaby, F.T. Bistatic specular scattering from rough dielectric surfaces 44332
de Rooij, N.F. *see* Bousse, L. 23559
de Rooij, N.F. *see* Brugger, J. 27622
de Rooij, N.F. *see* Despont, M. 31205
de Rooij, N.F. *see* Jaecklin, V.P. 17135
de Rooij, N.F. *see* Moritz, W. 6476
de Rooij, N.F. *see* van der Schoot, B.H. 6473
de Rooij, N.F. *see* van der Wiel, A.J. 7322
De Rooij, P. On Schnorr's preprocessing for digital signature schemes 36542
De Roost, E. *see* Reher, D.F.G. 46830
De Rosa, A. *see* Campajola, L. 46877
De Rossi, D., Ahluwalia, A., Mule, M. Molecular and supramolecular systems for sensing and actuation 46523
De Rossi, D., Canepa, G., Magenes, G., Germagnoli, F., Caiti, A., Parisini, T. Skin-like tactile sensor arrays for contact stress field extraction 14975
De Rossi, S. *see* Ciccacci, F. 38806
de Ryck, F. *see* Grillo, D. 22906
De Rycke, I. *see* Capon, J. 15073
De Rycke, I. *see* De Baets, J. 27768
De Rycke, I. *see* De Baets, J. 31371
De Rycke, I. *see* De Smet, H. 31359
de S. Bulhoes, L.O. *see* Faria, R.C. 43515
de S. Santos Damy *see* Damy de S. Santos
de Sa, A. Signal-conditioning integrated circuits for magnetic susceptibility measurements 31140
de Saint-Blanquat, M. How field experience improves steam turbine reliability 8189
de Saja, J.A. *see* Souto, J. 6627
De Salvo, L. *see* Acerbi, E. 15541
De Salvo, L. *see* Acerbi, E. 15542
De Salvo, L. *see* Bonifacio, R. 43708
De Salvo, L. *see* Bonifacio, R. 43985
De Salvo, L. *see* Pellegrini, C. 44002
de Salvo, L. *see* Zhang, R. 43690
De Sanctis, E. *see* Arvieux, J. *(editor)* 33188
de Sanden, M.C.M.van *see* van de Sanden, M.C.M.
De Santi, G. *see* Nobili, C. 2261
De Santis, A. *see* Blundo, C. 21532
De Santis, A. *see* Blundo, C. 21539
De Santis, A. *see* Carpentieri, M. 29486
de Saqui-Sannes, P. *see* Rust da Costa Carmo, L.F. 13966
De Sarabia, E.R.F. *see* Lopez, F.J.R. 7575
de Sarabia, E.Riera-Franco *see* Riera-Franco de Sarabia, E.
De Sario, M., D'Orazio, A., Petruzzelli, V., Prudenzano, F. Propagation characteristics of nonlinear graded-index optical waveguides 3812
De Sario, M. *see* Castagnolo, B. 3788
De Sario, M. *see* Cucurachi, S. 31158
De Sario, M. *see* D'Orazio, A. 20352
de Saxce, T., Picart, P. Nonlinear optical pulse compression for high power GaAs photoconductive switching 28990
De Schepper, L., De Ceuninck, W., Lekens, G., Stals, L., Vanhecke, B., Roggen, J., Beyne, E., Tielemans, L. Accelerated ageing with in situ electrical testing: a powerful tool for the building-in approach to quality and reliability in electronics 26168
De Schepper, L. *see* Stulens, H. 34815
de Sequeira, M.Menezes *see* Menezes de Sequeira, M.
De Seta, D. *see* Brugia, O. 18529
De Shen Xia *see* Lei Jian Liu 24227
de Silva, J.R., Dean, K.M., Bisewaski, B.J., Holmberg, P., Laursen, O. The reactive power controllers for the New Zealand HVDC link 47473
de Silva, J.R., Gleadow, J.C., Bruske, G., Bisewski, B.J., Juhlin, L.E., Jonsson, T., Ljungqvist, R. Commissioning of the New Zealand HVDC hybrid link 47467
De Silvestri, S. *see* Cerullo, G. 3575
De Silvestri, S. *see* Cerullo, G. 35759
De Silvestri, S. *see* Magni, V. 21085
De Simone, S., Ghigo, A. DAΦNe accumulator kickers 15557
De Simone, S. *see* Antonelli, A. 24054
De Smet, H., Capon, J., De Baets, J., De Rycke, I., Doutreloigne, J., Van Calster, A., Vanfleteren, J. Active matrix with integrated drivers on soda-lime glass using poly-CdSe and poly-Ge 31359
De Smet, H. *see* Capon, J. 15073
De Smet, H. *see* Capon, J. 43616
De Smet, H. *see* De Baets, J. 27768
De Smet, H. *see* De Baets, J. 31371
de Smit, B. Ramification groups of local fields with imperfect residue class fields 491
De Soete, M. Public key cryptography 21579
de Souza, C.C., Keunings, R., Wolsey, L.A., Zone, O. A new approach to minimising the frontwidth in finite element calculations 26382
De Souza, E.A., Carraresi, L., Boyd, G.D., Miller, D.A.B. Self-linearized analog differential self-electro-optic-effect device 43517
De Souza, E.A. *see* Carraresi, L. 23619
De Souza, E.M. Apparatus for remote monitoring of multidirectional ground movement 47240
de Souza, F.M.Campello *see* Campello de Souza, F.M.
De Souza, J.N., Agoulmine, N., McCarthy, K., Pavlou, G. CMIP/SNMPv1 translation through application level gateways using the OSIMIS/ISODE platform 37292
De Souza, J.N. *see* Agoulmine, N. 5364
De Souza, J.N. *see* Bhushan, B. 14041
de Souza, J.N. *see* Penna, M.C. 14040
de Souza, J.P., Boudinov, H. Electrical activation of boron coimplanted with carbon in a silicon substrate 19522
de Souza, J.P., Sadana, D.K. Shallow ion implantation in gallium arsenide MESFET technology 2584
de Souza, J.P., Sadana, D.K. Mechanism for enhancement of electrical activation of silicon in GaAs by aluminum co-implantation 10668
de Souza, P.V. *see* Bahl, L.R. 4482
de Souza, P.V. *see* Bahl, L.R. 44761
de Souza, P.V. *see* Bellegarda, J.R. 13116
de Souza, R. Design and development of a generic PCBA line simulator 1739
de Souza, R., Tan Peng Seng, Yeo Swee Hock A generic simulator for SMT lines 10581
De Stasi, F.J., Szepesi, T. A 5 A 100 kHz monolithic bipolar DC/DC converter 1035
de Sterke, C.M. *see* Broderick, N.G.R. 35996
de Sterke, C.M. *see* Psaila, D.C. 20992
de Sterke, C.M. *see* Psaila, D.C. 35391
de Sterke, C.M. *see* Salinas, D.G. 35981
de Sterke, C.M. *see* Steel, M.J. 35997
de Toledo, A.F. *see* Turkmani, A.M.D. 21244
de Vecchis, M. Situation and influence of standardization for fibres and cables 11595
de Veirman, A.E.M. *see* Dirks, A.G. 2255
De Veirman, G.A., Contreras, R.A. Analog filter design 10251
De Veirman, G.A. *see* Contreras, R.A. 10285
De Veirmann, G.A., Contreras, R.A. Digitally programmable continuous-time lowpass filter for tape drives 18902
de Velasco, A.A.Arias *see* Arias de Velasco, A.A.
De Velde, J.C.Van *see* Van De Velde, J.C.
de Ven, M.J.van *see* van de Ven, M.J.
De Venuto, D. *see* Corsi, F. 43124
de Veslud, C.Le Carlier *see* Le Carlier de Veslud, C.
de Vicente, J., Sanchez-Perez, A.M., Bertinetto, F. Comparison of He-Ne lasers from the LMM and the IMGC stabilized on $^{127}I_2$ at 633 nm 43724
De Vidts, P. *see* Mao, Z. 25659
De Villepin, M. *see* Diacre, J.L. 14456
de Villers, Y.M. A coherent *Ka* band FMCW radar for real time target acquisition 23164
de Villiers, J.M. A nodal spline interpolant for the Gregory rule of even order 26347
de Viron, F., Claus, J., Dongier, F., Monteyne, M. Automation, with neural network based techniques, of short-term load forecasting at the Belgian national control centre 16259
de Visser, A. *see* Kulbachinskii, V.A. 34566
de Vittor, P. Passive components: resistors, inductors, capacitors 27319
De Vittor, P. Programmable filters 42026
de Voigt, M.J.A. *see* Rijken, H.A. 7185
De Vos, A. The endoreversible theory of solar energy conversion: a tutorial 8773
De Vos, A. Proposal for an implementation of reversible gates in CMOS 33976
de Vos, R.C.J. Energy sector is divided over European unification 7742
de Vos, R.C.J. The building world is still sparing with energy-saving 25855
de Vreede, J. *see* Kinard, J.R. 6284
de Vreede, J.P.M. *see* Kinard, J.R. 6283
De Vriendt, J. *see* Bruyland, I. 13779
De Vries, B. *see* Oliveira e Silva, T. 1330
de Vries, C. *see* Schonfelder, V. 7146
De Vries, D.K., Ploog, K., Wieck, A.D. Quasi-one-dimensional ballistic electron transport in in-plane-gated channels at liquid nitrogen temperature 42657
de Vries, D.K., Wieck, A.D., Ploog, K. Discretization of curved lines and arbitrary areas for ion and electron beam writing an a nonrectangular grid 42792
de Vries, G., van Gelderen, T., Brigham, F. Usability laboratories at Philips: supporting research, development, and design for consumer and professional products 41032
de Vries, H. *see* Blok, H.P. 38935
de Vries, J.P.P.M., Olthof, C.G., Visser, V., Kouw, P.M., de Vries, P.M.J.M. Continuous measurement of blood volume using light reflection: method and validation 7391
de Vries, J.S., Lensen, H.A., Maas, A.J. Thermal image sequences for natural background modeling 29775
de Vries, M.J., Nasta, M., Patel, J., Kamdar, K. Survivability of optical fiber sensor elements embedded in silicon carbide ceramic matrix composites 3069
de Vries, M.J. *see* Masri, S.F. 23678
de Vries, P.M.J.M. *see* de Vries, J.P.P.M. 7391
De Waard, E. *see* Bavinck, H. 26271
De Wachter, J. *see* Langouche, G. 42633
De Wachter, J. *see* Wu, M.F. 10882
De Wachter, J. *see* Wu, M.F. 27642
de Wal, A.Van *see* Van de Wal, A.
de Waleffe, D., Quisquater, J.-J. Better login protocols for computer networks 22557
de Walle, C.G.Van *see* Van de Walle, C.G.
de Wames, R.E. *see* Arias, J.M. 11838
De Wames, R.E. *see* Shin, S.H. 10790
De Weck, J.P., Schilling, M. Measurement of the performance characteristics of the Natel D GSM radio interface 5823
De Weerdt, R. *see* Belmans, R. 16860
de Wiele, F.Van *see* Van de Wiele, F.
De Wilde, W.R., Baleriaux, H., Cailliau, M. Data communication on the low voltage mains: 'ARGUS' project in Belgium 24756
de Wit, M. *see* Fattaruso, J.W. 33934
De Wit, M. *see* Fattaruso, J.W. 42004
de Wit, N.J.P. *see* Zoetelief, J. 15788
de With, A., Uhl, V., Pfleiderer, C., Rosiwal, S., Bergmann, H.-W., Wolfrum, J., Greulich, K.O. Surface modification with XeCl-excimer laser pulses using a bundle of tapered fibers for high-power UV radiation 12498
de With, G. Structural integrity of ceramic multilayer capacitor materials and ceramic multilayer capacitors 9803
de With, P.H.N., Nijssen, S.J.J. A buffer regulation concept for MC-DCT systems tuning to constant quantization 13552
de With, P.H.N., Rijckaert, A.M.A., Keesen, H.-W., Kaaden, J., Opelt, C. An experimental digital consumer HDTV recorder using MC-DCT video compression 38287
de Witt Huberts, P.K.A. *see* Blok, H.P. 38935
de Wolf, D.A. Error analysis when solving Laplace's equation numerically by iteration 36105
de Wolf, D.A., Ligthart, L.P. Multipath effects due to rain at 30-50 GHz frequency communication links 21241
De Wolf, I., Bellens, R., Groeseneken, G., Maes, H.E. The influence of mechanical stress on hot-carrier degradation in MOSFETs 34966
De Wolf, I., Norstrom, H., Maes, H.E. Process-induced mechanical stress in isolation structures studied by micro-Raman spectroscopy 2101
de Wolf, I., Van Hove, M., Pereira, R.-G., Van Rossum, M., Maes, H.E., Munder, H. Raman spectroscopy study of damage in n^+-GaAs introduced by H_2 and CH_4/H_2 RIE 10903
De Xu *see* Xu De
de Zarate, R.Ortiz *see* Ortiz de Zarate, R.
De Zarete, M.O. *see* Ferrero, F.J. 26851
De Zhong, W., Shimazu, Y., Tsukuda, M., Yukimatsu, K. A modular Tbit/s TDM-WDM photonic ATM switch using optical output buffers 45731

De Zhong, W. *see* Sasayama, K. 5866
De Zhong Wen *see* Wen De Zhong
De Zorzi, G. *see* Antonelli, A. 24054
De Zorzi, G. *see* Asmone, A. 31692
De Zorzi, G. *see* Asmone, A. 31721
De Zutter, D. *see* Blomme, K. 27126
De Zutter, D. *see* De Langhe, P. 23847
De Zutter, D. *see* De Langhe, P. 46583
De Zutter, D. *see* De Moerloose, J. 4043
de Zutter, D. *see* Dhaene, T. 29267
De Zutter, D. *see* Marly, N. 36165
De Zutter, D. *see* Olyslager, F. 4233
de Zutter, D. *see* Olyslager, F. 12705
De Zutter, D. *see* Olyslager, F. 21337
De Zutter, D. *see* Sercu, J. 1603
De Zutter, D. *see* Sercu, J. 18963
De Zutter, D. *see* Sercu, J. 29244
De Zutter, D. *see* Weigan Lin 36292
De-Chen Zhan *see* Zhan De-Chen
De-Feng Sun *see* Sun De-Feng
De-Gui Sun, Na-Xin Wang, Li-Ming He, Zhen-Wu Lu, Zhao-Heng Weng Butterfly interconnection networks and their applications in information processing and optical computing: applications in fast-Fourier-transform-based optical information processing 20453
De-Hao Yu The numerical computation of hypersingular integrals and its application in BEM 41167
De-Hua Miao *see* Miao De-Hua
De-Jun Wan *see* Wan De-Jun
De-Jung Wang *see* Fu-Wen Liu 13148
De-Min Yu *see* Yu De-Min
De-Ming Liu *see* Liu De-Ming
De-ming Xu *see* Xu De-ming
De-Ping Zhang *see* Morita, H. 39566
De-Qiang Mu *see* Mu De-Qiang
De-Ren Wang *see* Wang De-Ren
De-Xiang Hang *see* Kinard, J.R. 6284
De-Xin Cao *see* Yun-Zhen Wang 19533
De-Xin Nie *see* Nie De-Xin
De-Xiu Huang *see* Huang De-Xiu
De-Yin Kong *see* Kong De-Yin
De-Zhang Zhu *see* Yun-Zhen Wang 19533
Deacon, C.G., Clarke, H.C. Use of a linear offset Hall effect transducer in student laboratory experiments to measure magnetic fields 2411
Deacon, J.K. *see* Robinson, G.A. 46520
Deadrick, F. *see* Barnard, J.J. 31535
Deadrick, R.B. *see* Davis, D.J. 6045
Deak, P. *see* Bohne, D.I. 10646
Deakin, D. *see* Ho, W.J. 28255
Deakin, D. *see* Ho, W.J. 43090
Deal, M.D., Hu, C.J., Lee, C.C., Robinson, H.G. Modeling dopant diffusion in gallium arsenide 27637
Deal, M.D. *see* Jones, K.S. 2042
Deal, M.D. *see* Jones, K.S. 27479
Deal, M.D. *see* Robinson, H.G. 2041
Deale, O.C. *see* Hutchinson, S.A. 24327
Dean, A.J. *see* Bird, A.J. 7302
Dean, B. *see* Vydyanath, H.R. 10791
Dean, C.E., Werby, M.F. Proper fluid loading of thin shell theories and the prediction of pseudo-Stoneley resonances 23220
Dean, D. *see* Vogel, D. 30487
Dean, J.S. *see* Kirkland, L.V. 38408
Dean, K.M. *see* de Silva, J.R. 47473
Dean, M.E., Dill, D.L., Horowitz, M. Self-timed logic using current-sensing completion detection (CSCD) 41872
Dean, M.E. *see* Nowick, S.M. 10035
Dean, M.J. *see* Zhu, Y. 27451
Dean, M.S. *see* Robison, P.G. 19196
Dean, R., Flores, G.E. Process optimization of positive novolac resists for electron beam lithography resist characterization using single or multiple development steps with either a sodium-hydroxide or metal ion-free developer 11095
Dean, R.A., Levesque, A.H. Transparent data service with multiple wireless access 37083
Dean-Hart, J.C. *see* Papakostopoulos, D. 15845
Deane, S.C., Powell, M.J. Field-effect conductance in amorphous silicon thin-film transistors with a defect pool density of states 19903
Deane, S.C. *see* Morgan, P.N. 35034
Deane, S.C. *see* van Berkel, C. 28089
DeAngelis, C.M., Green, R.W. Constructing neural networks for contact tracking 4644
DeAnni, A. *see* Han, W.Y. 19427
DeAnni, A. *see* Lee, H.S. 1937
DeAnni, T. *see* Golob, L.P. 1529
Dearden, G., Quirk, E.G., Al-Shamma'a, A.I., Stuart, R.A., Lucas, J. Results from the Liverpool prototype Industrial FEL (IFEL) 43979
Dearien, J.A., Plum, M.M. The capital, energy, and time economics of an automated, on-demand transportation system 25892
Dearing, J.W. Rethinking technology transfer 176
Dearing, M.G. *see* Coppenbarger, R.A. 39193
Dearing, M.G. *see* Zelenka, R.E. 39273
Dearing, P.M. *see* Adams, W.P. 26323
Deason, V.A. *see* Epstein, J.S. 6815
Deaton, A.W. *see* Galdos, J.I. 46131
Deaton, J.B., Jr., Wagner, J.W. Variable-cavity-length mode-locked Nd:YAG laser for noncontact generation and spectral control of narrow-band ultrasound 43783
Deb, A., Sarkar, G., Sen, S.K., Datta, A.K. Cross-/auto-correlation of time-varying signals using block pulse functions and determination of power spectral densities 29653
Deb, A. *see* Datta, A.K. 45140
Deb, B., Ray, D.S. Micromaser with Kerr nonlinearity 3404
Deb, M.J. *see* Nath, D. 24063
Deb, S., Pattipati, K.R., Bar-Shalom, Y., Tsaknakis, H. A new algorithm for the generalized multidimensional assignment problem 23122
Deb, S. *see* Banerjee, D.K. 13768
Deb, S.K. *see* Goswami, S.K. 39658
Deb, S.K. *see* Tsuo, Y.S. 17399
Debackere, K., Rappa, M.A. An international comparison of scientists in an emerging field 194
Debaene, F. *see* Weill, A. 11070
Debany, W.H., Jr., Kwiat, K.A., Al-Arian, S.A. A method for consistent fault coverage reporting 10047
Debar, H. *see* Dorizzi, B. 16276
Debau, J. *see* Barry, L.P. 28865
Debbins, J.P. *see* Liu, Yu.L. 47044
Debeau, J., Barry, L.P., Boittin, R. Wavelength tunable pulse generation at 10GHz by strong filtered feedback using a gain-switched Fabry-Perot laser 30728
Debeau, J., Barry, L.P., Boittin, R. Tunable, transform limited pulse generation at 5 GHz by self-injection locking of a gain switched FP laser 35823
Debeau, J. *see* Le Bihan, J. 3604
Debebe, K., Rajagopalan, V., Sankar, T.S. Expert system based instruction aid for power electronics 112
Debebe, K. *see* Ba-Razzouk, A. 25866
Debernardi, P., Fasano, P. Quantum confined Stark effect in semiconductor quantum wells including valence band mixing and Coulomb effects 42464
Debernardi, P. *see* Bava, G.P. 35828
Debes, M. An example: safety and maintenance policy in EDF NPP 39855
Debiak, T.W., Melnychuk, S., Gammel, G., Cole, M., Solensten, L., Sredniawski, J., Leung, K.N. The characteristics of RF-driven, multicusp, negative-ion sources 38834
DeBiase, J. No more HASL [hot air solder leveling] 34392
Debicki, P. *see* Nyka, K. 26107
DeBoeck, J. *see* Tanaka, M. 11449
Deborgies, F. *see* Combemale, Y. 5912
Deborgies, F. *see* Mongardien, D. 5951
Deboy, G. *see* Kux, A. 28648
DeBra, D.B. *see* Jeng-Heng Chen 47177
Debray, B. A new differential adaptive modem for multipath propagation 14417
Debray, B., Llebaria, A., Dubout-Crillon, R., Petit, M. CAPELLA: software for stellar photometry in dense fields with an irregular background 29819
Debrie, J. *see* Abitbol, M. 38713
Debrie, R. *see* Ketata, M. 1946
Debrie, R. *see* Quiguer, T. 6560
DeBrunner, V.E. *see* McKinney, E.D. 24372
Debs, A. *see* Masood Ahmad, M. 32372
Debs, A.S. *see* Moharari, N.S. 16265
Debska, A. *see* Thalman, W.J. 895
Debuisschert, T., Sizmann, A., Giacobino, E., Fabre, C. Type-II continuous-wave optical parametric oscillators: oscillation and frequency-tuning characteristics 3814
Debuisschert, T. *see* Raffy, J. 44065
DeBula, L.A. Networking and telecommunication strategies—on-line services for the campus 30415
Debur, V.G. *see* Arkhipova, T.A. 6559
Debusschere, I. *see* Dierickx, B. 24001
Decaluwe, J., Zegers, J. From C code to FPGA using VHDL 33955
Decanini, D. *see* Haghiri-Gosnet, A.M. 28214
Decanniere, C. *see* Van Huffel, S. 24260
Decarpigny, J.-N. *see* Assaad, J. 16067
Decheng Gui *see* Gui Decheng
DeChiaro, L.F., Robinet, M., Devoldere, P. Effects of drive current upon defect distribution scan features in multi-longitudinal mode semiconductor lasers 43867
DeChiaro, L.F. *see* Ovadia, S. 28881
Deck, L., Demarest, F. Two-color light-emitting-diode source for high-precision phase-shifting interferometry 20556
Deckar, P. *see* Walke, B. 5752
Deckelmann, W., Gehrmann, R. Television signal chromakey processing in 4:2:2 technology 23311
Decker, D.R. *see* Gutierrez, R. 10493
Decker, D.T., Valladares, C.E., Sheehan, R., Basu, Su., Anderson, D.N., Heelis, R.A. Modeling daytime F layer patches over Sondrestrom 47253
Decker, E. *see* Boss, G. 47622
Decker, F. *see* Passerini, S. 8743
Decker, F.-J. *see* Minty, M. 15342
Decker, F.J., Emma, P., Krejcik, P., Limberg, T., Minty, M., Moshammer, H., Raubenheimer, T., Ross, M., Seeman, J.T., Siemann, R., Spence, W., Spencer, J., Woodley, M. Measured emittance versus store time in the SLC Damping Ring 15369
Decker, G. *see* Bechstedt, U. 15536
Decker, G. *see* Lumpkin, A.H. 15341
Decker, I. *see* Heyn, H. 3753
Decker, J. *see* DaPonte, J. 29772
Decker, K., Lesser, V. A one-shot dynamic coordination algorithm for distributed sensor networks 44903
Decker, K. *see* Ragle, D. 43004
Decker, K. *see* Wilson, J. 42250
Decker, P., Walke, B. Performance analysis of FAX transmission on nontransparent GSM data service 22903
Decker, R., Dolzer, S., Klar, W. Real-time expert system in VLSI production 9231
Decker, W. *see* Gorbenko, O.Yu. 9728
Deckers, J., Schabe, H. FMEA and fault tree analysis complete each other 26258
Declerq, M.J., Schubert, M., Clement, F. 5 V-to-75 V CMOS output interface circuits 33896
Deconinck, F. *see* Chen, Q. 21999
Decorps, M. *see* Devoulon, P. 1110
Decoste, H. Indicatrix series and *q*-series 516
Decoster, D. OEIC technological compatibility—some examples for photoreceiver applications 3397
Decoster, D. *see* Elkadi, H. 3603
Decoster, D. *see* Maricot, S. 5952
Decotignie, J. *see* Raja, P. 30473
Decotignie, J.-D., Pleinevaux, P. A survey on industrial communication networks 22505
Decotignie, J.-D. *see* Prasad, R. 30459
Decotignie, J.-D. *see* Raja, P. 14246
Decotignie, J.D. *see* Prasad, R. 14199
DeCoursin, D.G. *see* Yamamura, T. 25356
Decreton, M., Benemann, A., Sharp, R., Coenen, S., Van Beckhoven, D., Podgorski, J., Pater, L. Influence of the testing environment in bipolar transistors radiation resistance results: a benchmark exercise 2450
Decreton, M. *see* Coenen, S. 15053
Decroix, J. *see* Bousquet, J. 22931
DeCusatis, C., Das, P., Litynski, M. Acousto-optic devices for digital optical holographic gratings 20441
DeCusatis, C. *see* Das, P. 20438
DeDad, J.A. Field proof testing of MV cables 7965
DeDad, J.A. Heat-shrinkable components and MV insulation 39605
Dede, E.J., Esteve, V., Jordan, J., Gonzalez, J.V., Maset, E. On the design and control strategy of high power, high frequency converters for tube welding applications 9042
Dede, E.J., Esteve, V., Jordan, J., Gonzalez, J.V., Maset, E. On the design of high power current-fed inverters for tube welding applications 33166
Dede, E.J. *see* Carrasco, A. 18476
Dede, E.J. *see* Carrasco, J.A. 26697
Dedek, L. Some alterations of integral equations for the surface charge method 3976
Dederichs, H. *see* Jebasinski, R. 10880
Dedieu, H., Kennedy, M.P., Hasler, M. Chaos shift keying: modulation and demodulation of a chaotic carrier using self-synchronizing Chua's circuits 29421
Dedieu, J.-P. *see* Fily, M. 16002
Dedieu, J.P. Penalty functions in subanalytic optimization 553
Dedkov, N.V. *see* Iskhakov, A.S. 9021
Dedkov, N.V. *see* Iskhakov, A.S. 16990
Dedkova, N.D. *see* Voronin, V.I. 45226
Deduchi, K. *see* Somemura, Y. 27865
Dedushenko, K.B., Mamaev, A.N. Phase and amplitude modulation in an injection-locked semiconductor laser 12122
Dedyk, A.I., Plotkina, N.W., Ter-Martirosyan, L.T. The dielectric hysteresis of YBCO-$SrTiO_3$-YBCO structures at 4.2 K 34290
Dedyk, A.I. *see* Vendik, O.G. 35290
Dee, D. *see* Li, G.P. 15858
Deeb, J.M. *see* Ntuen, C.A. 7523
Deeb, N. Simulated annealing in power systems 24884
Deeb, N.I., Shahidehpour, S.M. Cross decomposition for multi-area optimal reactive power planning 32295
Deeb, N.I. *see* Hart, M.S. 40590
Deed, B.J. *see* Elford, R.F. 24987
Deehan, C. *see* Sandham, W. 47122
Deeley, E.M. *see* Lau, F.C.M. 41611
Deemter, H.Van *see* Van Deemter, H.
Deen, M.J. Low frequency noise as a characterization tool for InP- and GaAs-based double-barrier resonant tunnelling diodes 2422
Deen, M.J., Ilowski, J.J. Noise characterization and modelling of polysilicon emitter bipolar junction transistors at microwave frequencies 19023
Deen, M.J., Zhu, Y. 1/f noise in n-channel MOSFETs at high temperatures 28155
Deen, M.J. *see* Murowinski, R.G. 2579
Deen, M.J. *see* Ng, A. 28112
Deen, Q., Khosru, M., Yasuda, N., Taniguchi, K., Hamaguchi, C. Hole trapping and detrapping characteristics investigated by substrate hot-hole

injection into oxide of metal-oxide-semiconductor structure 42584
Deen Mohd Khosru Quazi *see* Quazi Deen Mohd Khosru
Deep, G.Singh *see* Singh Deep, G.
Deepak, Evans, J.W. Calculation of temperatures in microwave-heated two-dimensional ceramic bodies 8996
Deerenberg, A. *see* Schonfelder, V. 7146
Deering, S. *see* Zhang, L. 5232
Deering, W.D. *see* Tsironis, G.P. 3116
Defalco, J.A. Put a damper on ground bounce 1150
DeFalco, J.A. Ground bounce, what you simulate may not be what you get 18564
Defee, I., Soininen, R., Neuvo, Y. Detail-preserving filters with improved lowpass characteristics 21992
Deferm, L. *see* Van Houdt, J. 34060
Defever, S. *see* Agnelli, S. 14544
Deffrennes, M. *see* Wilkes, D. 25159
deFigueiredo, R.J.P., Maccato, A., Wlczek, P., Denney, B., Scheerer, J., Massimino, M., Kesler, L. Vision-based robotic system for space applications 39144
deFigueiredo, R.J.P. *see* Tagare, H.D. 36995
Defloor, J. *see* Warrant, J.C. 47663
Defonseka, B.N. *see* Riley, P.E. 10923
Deford, J.F., Craig, G.D. Wake potential and impedance calculations for stiff subrelativistic beams 15475
Defour, M. *see* Breugnot, S. 21012
Defourny, M. Computer calculation for electrical devices 40084
DeFranza, M. *see* Rishton, S.A. 27550
DeFreez, R.K., Bao, Z., Carleson, P.D., Felisky, M.K. High-brightness unstable resonator semiconductor lasers 20827
DeFreez, R.K. *see* Ramanujan, S. 35767
DeFreez, R.K. *see* Zhuoyu Bao 35765
Defrise, M. *see* Chen, Q. 21999
Defrise, M. *see* Clack, R. 36895
Defrise, M. *see* Townsend, D. 47079
Defrise, M. *see* Townsend, D.W. 15764
Defu Zhang *see* Zhang Defu
Degaldo-Restituto, M., Medeiro, F., Rodriguez-Vazquez, A. Nonlinear switched-current CMOS IC for random signal generation 18511
Degani, A., Palmer, E.A., Bauersfeld, K.G. 'Soft' controls for hard displays: still a challenge 7529
Degani, M.H. *see* Scalvi, L.V.A. 1940
Degauque, P. *see* Baum, C.E. 44428
Degauque, P. *see* Besnier, P. 44479
Degauque, P. *see* Heddebaut, B. 35079
Degauque, P. *see* Mariage, P. 44360
Degauque, P. *see* Poudroux, C. 44480
Degegel, J. *see* Granier, M. 15547
Degele, D. The e-p collider HERA 15265
Degen, B. *see* Backe, H. 47013
Degeneff, R.C., Vakilian, M., Gutierrez, M., McKenny, P.J., Girgis, R.S. Accurate transient models for improved reliability of large power transformers 40277
Degeneff, R.C. *see* Palmer, J.A. 32429
Degertekin, F.L., Atalar, A., Koymen, H. Multilayered material characterization by the Lamb wave lens 16033
Degertekin, F.L., Jun Pei, Khuri-Yakub, B.T., Saraswat, K.C. In situ acoustic temperature tomography of semiconductor wafers 34663
Degiorgio, V. *see* Nitti, S. 36015
Degli Esposti, P. *see* Borio, R. 47040
Degli Esposti, V. *see* Corazza, G.E. 45867
Degnan, J.H. *see* Peterkin, R.E., Jr. 40370
Degnan, J.J. *see* Coyle, D.B. 30923
Degoulet, G. *see* Sueur, B. 30954
deGrassie, J.S. *see* Baity, F.W. 44631
Degrauwe, M.G.R. *see* Seda, S.J. 26601
DeGrazia, F. *see* Corsonello, P. 18444
Degre, A. *see* Beingessner, S.P. 31761
Degre, A. *see* Bertsch, Y. 31760
DeGroat, R.D., Dowling, E.M. Spherical subspace tracking: analysis, convergence and detection schemes 21908
DeGroat, R.D., Linebarger, D.A. Eigen and subspace updating with forward-backward averaging 18079
DeGroat, R.D. *see* Dowling, E.M. 21907
DeGroot, D. *see* Schwetman, H. *(editor)* 17662
Degrugillier, D. *see* Casseau, E. 41838
Degtyarenko, K.M. *see* Kopylova, T.N. 3468
Degtyarev, N.P., Aleksandrovskii, V.I., Bleier, Ya.F., Zavadska, I.V. Design of a multichannel speech analyzer 4526
Deguchi, H., Masuda, M., Ebisui, T., Shimawaki, Y., Ukita, N., Shibata, K.M., Ishiguro, M. Radio holographic metrology with best-fit panel model of the Nobeyama 45-m telescope 30941
Deguchi, H. *see* Iwasaki, H. 20258
Deguchi, K., Morishita, I. A unified linear camera calibration method using two parallel calibration planes 14868
Deguchi, K., Shinozawa, K., Morishita, I. Evaluation of structuring elements for morphological shape decomposition 45148
Deguchi, K. *see* Takuma, N. 29809
Deguchi, M. *see* Kikkawa, H. 14347
Deguchi, M. *see* Kitabatake, M. 661
Deguchi, T. *see* Takayama, R. 6598
Degueurce, L., Armani, J.M., Launay, F. A new beam current monitor for the MIMAS storage ring 7102
Deguin, A. *see* Ntoutoume, T. 7381
Dehaene, J., Vandewalle, J. A geometrical approach to the analysis of the dynamical behavior of neural networks with simple piecewise linear limiters 1366
Dehamme, M. *see* Glotin, F. 7019
DeHart, W.L. *see* Okada, Y. 42936
Dehaven, P., Goldsmith, C., Kamath, S. Stress mapping near simulated defects in thin film wiring using X-ray microbeam diffraction 34827
Dehe, A. *see* Fricke, K. 31182
Dehen, J. *see* Junior, P. 15444
Dehen, J. *see* Sarstedt, M. 15329
Deheng, L. *see* Yongji, H. 8774
Deheng Zhu *see* Zhu Deheng
Dehhua Jiang *see* Jiang Dehhua
Dehkordi, P. *see* Takla, M. 18568
Dehlen, B., Eberle, G., Eisenmenger, W. Influence of solvents on the polarization distribution in PVDF 35104
Dehler, M. *see* Balewski, K. 46775
Dehli, M. Greater acceptance in view of new reactors? Improved security in nuclear power stations is required 25144
Dehlwisch, M. *see* Paap, K.L. 982
Dehm, C., Kasko, I., Ryssel, H. Ion-beam induced $CoSi_2$ layers: formation and contact properties 27583
Dehmlow, M., Heumann, K., Sommer, R. Comparison of semiconductor device losses in hard switched and zero voltage switched inverter systems 1066
Dehmlow, M., Heumann, K., Sommer, R. Comparison of resonant converter topologies 17095
Dehne, T. IEEE 488.2—increasing test system compatibility and productivity 31115
Dehnel, M., Dutto, G., Erdman, K., Gyles, B., Milton, B., Schmor, P.W., Walker, Q. The TR16/8, a dual particle cyclotron for clinical isotope production 7395
DeHon, A., Knight, T., Jr., Simon, T. Automatic impedance control 33897
Dehoney, R. NPOLE helps design phase-shift networks 42095
Dehong Jiang *see* Jiang Dehong
DeHope, W.J. *see* Chong, C.K. 27430
DeHour, P. *see* Bocquet, B. 6755
Dehuang Wang *see* Wang Dehuang
Dei-Cas, R. Review of high-brightness electron guns 15578
Dei-Cas, R. *see* De Brion, J.P. 15443
Dei-Cas, R. *see* Joly, S. 15306
Deibert, J. Local area network data bridges/routers 14190
Deicher, M. *see* Pfeiffer, W. 42419
Deido, T. *see* Chiba, A. 16874
Deimel, P.P. *see* Kraus, J. 45940
Deimel, P.P. *see* Wagner, C. 38491
Deimel, P.P. *see* Wagner, C. 43466
Deisher, M. *see* Tsakalis, K. 21886
Deisher, M.E., Spanias, A.S. Practical considerations in the implementation of a frequency-domain adaptive noise canceller 44949
Deitinghoff, H., Kipper, A., Schempp, A. Beam dynamics calculations for a prototype of a high-current heavy-ion RFQ 31557
Deitinghoff, H. *see* Angert, N. 6905
Deitinghoff, H. *see* Chen Chia-Erh 15520
Deitinghoff, H. *see* Friedrich, J. 15302
Deitinghoff, H. *see* Grieser, M. 15303
Deitinghoff, H. *see* Kleffner, C.-M. 15524
Deitinghoff, H. *see* Sarstedt, M. 15329
Deivendran, S., Mehta, N.P., Mandalia, A.B., Bavaria, R.B., Shankara, K.N. Microwave filters and multiplexing networks for INSAT-II communications payloads 30689
Dejewski, S. *see* Krabach, T.N. 23630
Dejhan, K., Cheevasuvit, F., Tipsuwanporn, V., Trisuwannawat, T., Prommas, E. Analog operation in CMOS latch circuit for reducing dynamic power dissipation 10366
Dejhan, K., Cheevasuvit, F., Trisuwannawat, T., Tipsuwanporn, V., Mitatha, S. A bipolar simple integrable sinusoidal oscillator 18520
Dejin Yu *see* Harrison, R.G. 44125
Dejsakulrit, D. *see* Chicaro, J.F. 40326
Deju, H., Adkins, C., Loftus, B. Design and manufacturing advanced surface mount 3-D mass memory system 1744
Dejun Han *see* Han Dejun
Dejun Zhang *see* Qinghai Miao 398
Deka, C. *see* Loutts, G.B. 18126
Deka, R., Gardiner, J.G. On the fundamentals of digital signal processing micros 26992
Dekang Zhao *see* Ting Mei 31292
Dekany, A., Erenyi, I., Fejes, S. High-speed parallel implementation of the statistical feature matrix method 22018
Deker, G. *see* Bittermann, V. 39262
Deker, G. *see* Bittermann, V. 47179
Deketelaere, S., Leich, H., Wery, B., Deman, I., Dothey, M. A new quantization technique for LSP parameters and its application to low bit rate multi-band excited vocoders 13145
Dekhtyaruk, N.T. *see* Vainberg, V.V. 15233
Dekker, D.L. Internal combustion engine analysis, design and testing project NSF-ILI grant 135
Dekker, G.J. *see* Hameetman, G.J. 32024
Dekker, J.P., van der Put, P.J., Veringa, H.J., Schoonman, J. A kinetic study of titanium nitride chemical vapor deposition using nitrogen, hydrogen, and titanium tetrachloride 41413
Deklerck, R. *see* Hongyi Li 39034
Deknuydt, A. *see* Li, N. 36831
DeKock, J.R. *see* Diebold, D.A. 32085
Dekumbis, R. Plating of motor-vehicle valves using laser-induction technology 9034
del Alamo, J.A. *see* Bahl, S.R. 28187
del Alamo, J.A. *see* Eugster, C.C. 18836
del Alamo, J.A. *see* Eugster, C.C. 19915
Del Alamo, J.A. *see* Greenberg, D.R. 2599
del Alamo, J.A. *see* Wyss, R.A. 1894
del Alamo, J.L. A comparison among eight different techniques to achieve an optimum estimation of electrical grounding parameters in two-layered earth 32465
Del Amo Ruiz, A.M. Multiplex access techniques in satellite communications systems 30692
Del Bimbo, A. *see* Ben-Tzvi, D. 4825
Del Bimbo, A. *see* Cappellini, V. 45087
Del Bimbo, A. *see* Colombo, C. 45183
Del Buono, L. *see* Dell'Acqua, A. 46998
del Campo, I., Gonzalez de Mendivil, J.R., Tarela, J.M. Development of a fuzzy logic controller on a digital signal processor 18759
Del Carlo, C., Frignati, S., Sangregorio, A., Trivella, R., Viaro, F. The automation of industrial electricity supply substations 32978
del Carmen de Andres, M. Technology policies in Spain: key issues and state of the art 173
Del Casale, A. *see* Rubiola, E. 23910
del Castillo, H.M. *see* Lin, T.L. 31215
Del Castillo, H.M. *see* Lin, T.L. 46458
Del Castillo, H.M. *see* Park, J.S. 31214
del Cid, L. *see* Eckstein, B. 37863
Del Corso, D. *see* Chiaberge, M. 18938
Del Cueto, J. *see* Jianping Xi 33058
Del Gatto, H.J. Don't let ESP become Achilles' heel of compliance strategy 44261
del Greco, J.G. *see* Coullard, C.R. 533
Del Guerra, A. *see* Alfano, B. 15724
Del Guerra, A. *see* Bandettini, A. 15723
Del Guerra, A. *see* Conti, M. 15726
Del Marco, S. A series representation of the spherical error probability integral 24578
Del Papa, C. *see* Bencivelli, W. 31729
del Pino, A. *see* Pedraja, F.G. 14429
Del Pistoia, A., Ettorre, G., Pompili, R. Technical and economic assessment on radio relay systems in the local and distribution Italian networks 14410
Del Prato, T. *see* George, M. 34653
Del Prete, T. *see* Autiero, D. 15630
Del Prete, Z. *see* Branca, F.P. 15689
Del Prete, Z. *see* Cappa, P. 31162
Del Pup, L. *see* Jullien, G.A. 41854
Del Re, E., Castellini, G., Pierucci, L., Conti, F. An improved adaptive MLSE receiver for fading communications channels 22873
Del Re, E., Delli Priscoli, F., Iannucci, P., Menolascino, R., Settimo, F. Architectures and protocols for an integrated satellite-terrestrial mobile system 37159
Del Re, E., Fantacci, R. Efficient fast packet switch fabric with shared input buffers 5145
Del Re, E., Fantacci, R. Performance evaluation of input and output queueing techniques in ATM switching systems 22332
Del Re, E., Fantacci, R., Giambene, G. Performance analysis of a dynamic channel allocation technique for satellite mobile cellular networks 45890
Del Re, E., Fantacci, R., Iannucci, P. Issues on the protocol definition for an integrated space/terrestrial mobile communication system 14546
Del Re, E., Iannucci, P., Menolascino, R., Settimo, F. Traffic management strategies in an integrated satellite/cellular network for mobile services 22863
del Rio, A. *see* Marino, P. 22570
Del Rio, E. *see* Rul'kov, N.F. 41710
del Rio, L.Diez *see* Diez del Rio, L.
Del Rio, M.Chevalier *see* Chevalier Del Rio, M.
Del Santo, P.P. *see* Wang, Y.Q. 9815
Del Torre, M. Automation in electricity supply 47361
del Valle, I. *see* Lobo, I. 8826
del Valle, J.C. *see* Garcia, Q. 36420
del Valle, M. *see* Baro-Roma, J. 6467
dela Cruz, A. *see* Lee, G.S. 28413
Delabouglise, G. *see* Gautheron, B. 6637
Delabouglise, G. *see* Labeau, M. 6640
Delachartre, P. *see* Vray, D. 16090
Delacressonniere, B. *see* Temcamani, F. 27303
Delaere, D. *see* Verbeeck, R. 24210
Delage, A. *see* Dai, H. 12385
Delage, A. *see* McGreer, K.A. 37683
Delage, P., Girbig, R., Hog, G., Hoffart, M., Moers, H., Zamzow, P.E. A new cable family for the optical fiber subscriber network 6011
Delage, P. *see* Buchwald, R. 24909
Delagnes, E. *see* Dentan, M. 34183
Delahaye, D., Alliot, J.-M., Schoenauer, M., Farges, J.-L. Genetic algorithms for partitioning air space 39338

Delahaye, J.P., Madsen, J.H.B., Riche, N., Rinolfi, L. Present status and future of the CERN linear collider test facility (CTF) 38809
Delahoy, M.E., McMahon, A.C. Television picture quality assessment 6191
Delair, T. *see* Saby, C. 6607
Delaire, E. *see* Reynaud, F. 3052
Delalande, C. *see* Roussignol, P. 42513
Delaney, M. *see* Nguyen, L. 1526
Delaney, M.J. *see* Matloubian, M. 1503
Delaney, M.J. *see* Matloubian, M. 42211
Delaney, P.S. The environment impact of DSM programs is evaluated 7757
DeLano, E. *see* Kurpanek, G. 41918
Delanoy, R.L., Troxel, S.W. Machine intelligent gust front detection 7617
Delanoy, R.L., Troxel, S.W. Automated gust front detection using knowledge-based signal processing 23183
Delanoy, R.L., Verly, J.G., Dudgeon, D.E. Machine intelligent automatic recognition of critical mobile targets in laser radar imagery 7686
Delanoy, R.L. *see* Verly, J.G. 23144
Delanoy, R.L. *see* Verly, J.G. 29982
Delapierre, G. *see* Esteve, D. 43084
Delaplace, Y. *see* Cance, M. 38406
Delaporte, P. *see* Truong, J.P. 11995
Delaporte, P.C. *see* Hueber, J.-M. 20630
Delaporte, Ph. *see* Uteza, O. 12304
Delarue, C. Cleaner motor-vehicles for Europe's towns 40587
Delarue, P. *see* Sakly, J. 8661
Delaruelle, A. *see* De Loore, B.J.S. 23358
Delaruelle, A. *see* Huisken, J.A. 41940
Delaunay, M. *see* Melin, G. 15579
DeLaus, M., Emily, D., Mappes, B., Pease, R. Converting a bulk radiation-hardened BiCMOS technology into a dielectrically-isolated process 35095
DeLaus, M. *see* Kosier, S.L. 34922
Delavaux, J.-M.P., Federici, J., DiGiovanni, D.J. Spectral dependence of noise and gain in Er-doped fiber preamplifier at 980 nm 3518
Delavaux, J.-M.P., Flores, C., Park, Y.K., Huang, S.Y., Jack, C., DiGiovanni, D.J. A packaged Er-doped fiber amplifier module at 980 nm 3508
Delavaux, J.-M.P., Nuyts, R.J., Mizuhara, O., Nagel, J., DiGiovanni, D.J. REAP: recycled erbium amplifier pump 35764
Delavaux, J.-M.P., Park, Y.-K., Mizrahi, V., DiGiovanni, D.J. Long term bit error rate transmission using an erbium fiber grating laser transmitter at 5 and 2.5 Gb/s 30850
Delavaux, J.-M.P. *see* Hansen, P.B. 37985
Delavaux, J.-M.P. *see* Mizrahi, V. 45946
Delaveaud, C., Leveque, P., Jecko, B. New kind of microstrip antenna: the monopolar wire-patch antenna 29297
Delaveaud, C., Seaux, J.P., Jecko, B. Susceptibility of microstrip patch antennas used in the space domain to electromagnetic pulse interferences 44633
Delbar, T., Galster, W., Leleux, P., Lipnik, P., Loiselet, M., Ryckewaert, G. A target connected to an ECR source for the production of ^{13}N ions 46831
Delbare, W. *see* Ackaert, A. 335
Delbarre, H. *see* Iracane, D. 43962
Delboulbe, A. *see* Couprie, M.E. 43983
Delboulbe, A. *see* Garzella, D. 43971
Delboulbe, A. *see* Hara, T. 43970
Delbruck, T. *see* Sarpeshkar, R. 28123
Delchamps, S. *see* Wake, M. 15366
Delcomyn, W.E. *see* Draper, M.E. 39528
Deleanu, S. *see* Bucurenciu, S. 38719
Delebarre, C. *see* Derouiche, Z. 15705
Delecki, J.J. *see* Voldman, S.H. 28277
Deleonibus, S., Martin, F., du Port de Pontcharra, J., Tedesco, S. Exploration of LOCOS-type isolation limit using SUPERSILO isolation by rapid thermal nitridation of silicon 10891
Deleroi, W. *see* Antic, D. 8567
Deleroi, W. *see* Polinder, H. 16760
Deleuze, G. *see* Nallino, M. 448
Deleuze, M. *see* Cambon, O. 43228
Deleva, A.D. *see* Peshev, Z.Y. 3552
Delevallee, A. Twinning of the Framatome BWNS nuclear services fields COBRA/ARAMIS robots 39852
Delevaque, E. *see* Le Boudec, P. 3576
Delevoye, E. *see* Dentan, M. 34183
Delfe, P.C.La *see* La Delfe, P.C.
Delfino, B., Pinceti, P. The field bus in electrical installations 39508
Delfino, M. *see* Day, M.E. 10943
Delfino, M. *see* Tsai, W. 2151
Delfyett, P.J. High power ultrafast semiconductor laser diodes 20871
Delfyett, P.J., Dienes, A., Heritage, J.P., Hong, M.Y., Chang, Y.H. Femtosecond hybrid mode-locked semiconductor laser and amplifier dynamics 43818
Delfyett, P.J. *see* French, P.M.W. 20680
Delfyett, P.J. *see* Mellish, P.M. 35718
Delgado, J. *see* Davis, C. 11301
Delgado, J.C. *see* Asensi, J.M. 28062
Delgado, J.C. *see* Bertomeu, J. 27517
Delgado, J.C. *see* Puigdollers, J. 28617
Delgado, R. *see* Paige, A.L.B. 24294
Delgado, V. *see* Ortiz, P. 24192
Delgado-Penin, J.A., Castell-Mas, V. On the design of 24 QAM block coded modulation systems: a simulation approach 4413
Delgado-Restituto, M., Rodriguez-Vazquez, A. A CMOS monolithic Chua's circuit 1093
Delgado-Restituto, M., Rodriguez-Vasquez, A. Switched-current chaotic neurons 42104
Delgado-Restituto, M. *see* Rodriguez-Vazquez, A. 26742
DelGrande, N.K. *see* Clark, G.A. 22294
Delgrossi, L. *see* Herrtwich, R.G. 13962
Delheij, P.P.J. *see* Hausser, O. 31645
Delheij, P.P.J. *see* Szymanski, J.J. 38862
Delhez, J.L. *see* Kleeven, W.J.G.M. 7057
Delhez, J.L. *see* Webers, G.A. 15537
Delhomme, B. Innovation in home appliances: the induction hob 25952
Delic, H., Papantoni-Kazakos, P. Robust decentralized detection by asymptotically many sensors 4778
Delic, H. *see* Papantoni-Kazakos, P. 22817
Delignon, Y. *see* Garello, R. 38167
Deliot, E., Tait, D.J., Williams, R.G.C. The effect of PCM quantisation noise on constellation shaping 4647
Deliot, E., Williams, R.G.C., Tait, D.J. Asymptotic shaping gains from nonGaussian distributions 22702
Delis, A. *see* Papadopoulos, G. 4687
Delisio, P. *see* Ellen, R. 47477
Delisle, G.Y. *see* Grenier, D. 13245
Delisle, G.Y. *see* Sampath, V. 23100
Delisle, Y. *see* Bergeault, E. 23860
Delivorias, P. *see* Estes, R. 371
Deliyannides, G., Chen, L., Kwok, H.H.L. Design and analysis of a high-speed GaAs comparator circuit 33974
Dell, G.F. Aperture determination of RHIC92 from randomly generated initial coordinates 38793
Dell, J. *see* Artola, J. 29785
Dell, J. *see* Kirby, S. 23410
Dell, M.A. Phantoms for diagnostic radiology 24167
Della Mea, G. *see* Calabrese, R. 38804
Della Negra, M. *see* Bencze, G.L. 38858
Della Negra, M. *see* Gasparini, F. 7223
Della Ratta, A.D., Melngailis, J., Thompson, C.V. Focused-ion beam induced deposition of copper 27802
Della Ricca, G. *see* Benvenuti, A. 7252
Della Torre, E. Stiff nodes in numerical micromagnetic problems 43270
Della Torre, E. *see* Vajda, F. 20150
Della Villa, S.A. *see* Gaudette, T.L. 32742
Della-Giacomo, ER. *see* Peios, N.N. 44218
Dell'Acqua, A., Alippi, C., Appelquist, G., Berglund, S., Bohm, C., Breveglieri, L., Brigati, S., Del Buono, L., Carlson, P., Cattaneo, P., Dadda, L., David, J., Engstrom, M., Fumagalli, G., Gatti, U., Genat, J.F., Goggi, G., Hansen, M., Hentzell, H., Hoglund, I., Inkinen, S., Kerek, A., Lebbolo, H., LeDortz, O., Lofstedt, B., Maloberti, F., Nayman, P., Persson, S.T., Piuri, V., Salice, F., Sami, M., Savoy-Navarro, A., Stefanelli, R., Sundblad, R., Svensson, C., Torelli, G., Vanuxem, J.P., Yamdagni, N., Yuan, J., Zitoun, R. FERMI—a new generation of electronic modules for large data acquisition arrays required by high energy physics 46998
Dell'Acqua, A., Hansen, M., Lofstedt, B., Vanuxem, J.P., Svensson, C., Yuan, J., Hentzell, H., Alippi, C., Breveglieri, L., Dadda, L., Piuri, V., Salice, F., Sami, M., Stefanelli, R., Cattaneo, P., Fumagalli, G., Goggi, V.G., Brigati, S., Gatti, U., Maloberti, F., Torelli, G., Carlson, P., Fuglesang, C., Kerek, A., Appelquist, G., Berglund, S., Bohm, C., Yamdagni, N., Sundblad, R. A digital front-end readout microsystem for calorimetry at LHC—The FERMI project 7283
Dell'Acqua, R. Precision silicon sensors—high performance at reasonable cost 38451
Dellagiacoma, G., De Renzis, G., Stola, L. Terrain height profiles synthesis for mobile area coverage applications 37868
Dell'Agnello, S. *see* Amidei, D. 46890
Dell'Agnello, S. *see* Tkaczyk, S. 46989
DellaVilla, S.A., Hartman, S.L., Elms, S.J. ORAP: operational reliability analysis program—a gas turbine and combined cycle power plant reliability reporting system 25230
Delleney, R.D., Blythe, G.M., Simko, A.P., Schmidt, C.E., Murphy, J.L., Owens, D.R. Retrofit of existing FGD systems to achieve high SO_2 removal 8177
Dellepiane, S. *see* Semino, A. 22000
Deller, J.R. *see* Nayeri, M. 21887
Deller, J.R., Jr, Snider, R.K. Reducing redundant computation in HMM evaluation 44763
Dellera, P., Gadioli, E., Guazzoni, P., Vergani, P., Zetta, L. Automatic measurement of thickness and uniformity of thin films by a computer aided device 15200
Delley, B. *see* Kramer, J. 11863
Delley, B. *see* Leipold, D. 11896
Delli Priscoli, F., Muratore, F. Assessment of a public mobile satellite system compatible with the GSM cellular network 45889
Delli Priscoli, F. *see* Del Re, E. 37159
Dellith, M. *see* Kolbesen, B.O. 19929
Dell'ova, F. *see* Rodda, W.E. 6206
Dellow, M.W. *see* Beton, P.H. 34904
Dellucca, M. *see* Cravino, F. 45058
Dellwo, D.R. *see* Aggarwal, R. 620
Delmas, A., Lequitte, P. Arc voltage of a fast triggered vacuum gap 40368
Delmas, J. *see* Autran, J.-L. 11210
Delmas, J.P. A complex adaptive eigensubspace algorithm for DOE or frequency estimation and tracking 13246
Delmee, P.F.M. *see* Manintveld, P. 12265
Del'nov, V.N. *see* Gabrianovich, B.N. 47679
DeLoach, L.D., Payne, S.A., Smith, L.K., Kway, W.L., Krupke, W.F. Laser and spectroscopic properties of $Sr_5(PO_4)_3F$:Yb 43756
DeLoach, L.D. *see* Payne, S.A. 20731
DeLoach, L.D. *see* Payne, S.A. 43787
Delogne, P., Cuvelier, L., Maison, B., Van Caillie, B., Vandendorpe, L. Improved interpolation, motion estimation and compensation for interlaced pictures 29949
Delon-Martin, C. *see* Devoulon, P. 1110
Delone, L.C. *see* Epstein, R. 23435
DeLong, M.C. *see* Mowbray, D.J. 33629
Delopoulos, A., Tirakis, A., Kollias, S. Invariant image recognition using triple-correlations 13785
Delopoulos, A. *see* Rangoussi, M. 4538
Delorme, F. *see* Gambini, P. 35801
Delos, J.B. *see* Lin, W.A. 42491
Delos, O., Quisquater, J.-J. Digital signature schemes with several cooperating entities 12874
Delouche, A. *see* Herment, A. 24258
Delouis, D. Telecommunications in museums 30528
Delouis, I. *see* Krivine, J.-P. 39558
Delp, E.J. *see* Cook, G.W. 4906
Delp, E.J. *see* Farag, A.A. 22175
Delp, E.J. *see* Farag, A.A. 30029
Delp, E.J. *see* Hsu, J. 24224
delPapa, C. *see* Beaumont, S.P. 15637
Delpech, P. *see* Mingam, H. 2653
Delpech, P.-Y., Ciais, G. Exploration of the subsoil: analysis of different methods 47554
Delpierre, P. *see* Beker, H. 7152
Delpierre, P. *see* Dentan, M. 34183
Delpierre, P. *see* Dierickx, B. 24001
DelPrete, T. *see* Autiero, D. 15629
Delseny, C. *see* Jarrix, S. 2607
Delseny, C. *see* Pascal, F. 19766
Delsing, J. *see* Hakansson, E. 46685
Delsing, P. *see* Qutaishat, S. 46872
Deltour, R. *see* Davydov, D.N. 12540
Deluliis, N.J., Statnick, R.M., Fink, C.E., Scandrol, R.O., Vargo, F.R. Thermal efficiency and flue gas desulfurization 8131
Deluzio, K.J. *see* Li, J. 24199
Delvalle, R.B., Roumina, K., Ruegsegger, S., Merat, F. Heuristic planning in feature-based inspection for coordinate measuring machines 31097
DeLyser, R.R., Chang, D.C., Kuester, E.F. Design of a log periodic strip grating microstrip antenna 12748
Demaine, H. *see* Rajagopalan, M. 33173
Deman, I. *see* de Mateo, M.L. 37935
Deman, I. *see* Deketelaere, S. 13145
Deman, I. *see* Van Himbeeck, C. 37892
Demant, L. *see* Jensen, E.W. 39077
DeMarco, C.L. *see* Gu, M. 24768
DeMarco, J.A., McGough, M.S., Mendez, W.E., Heyer, D.W. Refurbishing rather than replacing reactor coolant pump motors 8107
Demaree, K. *see* Ming Chen 32264
Demarest, F. *see* Deck, L. 20556
Demarest, J.A. *see* Loubriel, G.M. 44466
Demarest, K.R. *see* Chakrabarti, S. 12544
Demaretz, E. *see* Dersen, H. 22749
Demarie, M.L. *see* Arizio, R. 5389
Demark, J.J.Van *see* Van Demark, J.J.
Demarne, V., Grisel, A. A new SnO_2 low temperature deposition technique for integrated gas sensors 819
Demars, A., Fernandez, E., Adam, M., Garay, M.A., Campet, G. Aircraft telephones 14457
DeMarsh, L. TV display phosphors/primaries—some history 38259
DeMassa, T.A. *see* Jyegal, J. 43002
DeMattei, R.C. *see* Pong, C. 757
Dembinski, P. *see* Budkowski, S. 14116
Dembo, A., Zeitouni, O. A large deviations analysis of range tracking loops 46062
Demchenko, A.I. *see* Kindyak, A.S. 11502
Demchuk, M.I., Zhavoronkov, N.I., Mikhailov, V.P., Minkov, B.I. Efficient lasing in chromium-activated forsterite pumped in the near infrared 43803
Demchuk, M.I. *see* Kalashnikov, V.L. 43805
Demchuk, M.I. *see* Yumashev, K.V. 20685
Demchuk, M.I. *see* Yumashev, K.V. 21004
Demchuk, Yu.S. *see* Bazhanov, Yu.V. 15070
Demcko, R. Multilayer varistor transient protection 32837
Demczyk, B.G. Oxidation behavior of annealed CoCr thin films 2788

Demczyk, B.G., Naik, R., Auner, G., Kota, C., Rao, U. Growth of Cu films on hydrogen terminated Si(100) and Si(111) surfaces 34813
Demedts, A. A word recognition system for Spanish with a lexicon of 30000 units 12993
Demeester, P. *see* Amersfoort, M.R. 35634
Demeester, P. *see* Amersfoort, M.R. 38125
Demeester, P. *see* Coudenys, G. 3403
Demeester, P. *see* Coudenys, G. 41306
Demeester, P. *see* Depovere, G. 30858
Demeester, P. *see* Khoe, G. 6054
Demeester, P. *see* Moloney, M.H. 10723
Demeester, P. *see* Morf, T. 35618
Demeester, P. *see* van der Tol, J.J.G.M. 43504
Demeester, P. *see* Vermaerke, F. 35812
Demeester, P. *see* Vermeire, G. 41290
Demeester, P. *see* Wauters, N. 38098
Demeester, T. *see* Amersfoort, M.R. 35455
Demenko, A., Nowak, L., Plachta, B. Finite element analysis of induction generator transients 47885
Dement'ev, A.S. *see* Girdauskas, V. 44123
Dement'ev, E.A. *see* Aksinenko, V.D. 7265
Dement'ev, V.G. *see* Artem'ev, M.Yu. 35685
Dement'ev, V.G. *see* Artem'ev, M.Yu. 35686
Dement'ev, V.V. *see* Nguyen, M.T. 33765
Demers, A. *see* Kantarjiev, C.K. 22569
Demesmaeker, E., Ghannam, M., Nijs, J., Mertens, R., Van Overstraeten, R., Aulich, H.A., Wieting, R., Rodot, M., Muller, J.C., Jianming Li, Ming Chong, Jiancheng Zhu, Yuanjing Li, Jiadong Xu, Peida Wang, Zuoqi Shang, Zhankun Yang, Ronghua Zhu, Xiolan Cao Comment on '35% efficient nonconcentrating novel silicon solar cell' 8748
Demezet, L. *see* Lebreton, G. 13510
Demian, S.E. *see* Mansour, B.A. 28601
Demichelis, F., Crovini, G., Pirri, C.F., Tresso, E., Galloni, R., Rizzoli, R., Summonte, C., Zignani, F., Amato, G., Rava, P., Madan, A. Optimization of optoelectronic properties of a-SiC:H films 27495
Demichelis, F., Crovini, G., Pirri, E., Tresso, E., Galloni, R., Rizzoli, R., Summonte, C., Zignani, F., Rava, P., Madan, A. The influence of hydrogen dilution on the optoelectronic and structural properties of hydrogenated amorphous silicon carbide films 28604
Demichelis, F. *see* Leo, G. 28608
Demichelis, F. *see* Ouwens, J.D. 26483
Demichelis, V. *see* Allasia, G. 9442
Demidchik, A.N. *see* Zotov, A.V. 19623
Demidenko, B.Ya., Korkhov, Y.P., Sandalov, A.V., Molchanov, Yu.M. X-ray phase analysis and composite filler content estimation 18342
Demidenko, S.K. *see* Zamidra, A.I. 4016
Demidenko, V.A. *see* Petrovskii, G.T. 20238
Demidov, E.S. *see* Galina, T.M. 10851
Demigny, D., Devars, J., Kessal, L., Quesne, J.F. Real time implementations of the Nagao image smoothing filter 41928
D'Emilia, G., Iaconis, F. Angle transducers, instruments and measurement systems for mechanical applications 46388
Demin, I.Yu. *see* Sato, T. 7379
Demin, N.V. Computer-aided analysis of precision oscillating systems with wide-band fluctuations in circuit parameters 18398
Demin, V.N. *see* Belousov, S.P. 14760
Demin Tu *see* Tu Demin
Demin Xu *see* Xu Demin
Deming, R. *see* Hansen, R. 1148
Deming Chen *see* Chen Deming
Deming Zhuang *see* Quan Zheng 554
Demirchan, K.K. A method of identifying the power industry's contribution to global warming 24815
Demirchyan, K.S. Future energy development in the Commonwealth of Independent States (CIS): problems of decision-making. Will Russia's energy sector find a way out of the crisis? 25101
Demirlioglu, E., Aronowitz, S., Su, D. Residual damage in heavily germanium-doped silicon 10869
Demizu, K. *see* Shibano, T. 2115
Demjanenko, V. *see* Shin, Y.-C. 22171
Demkin, V.N., Privalov, V.E. Estimate of laser power instability and stabilization-apparatus efficiency 28945
Demma, N. Balanced Meissner oscillator circuits 10013
Demmel, E. *see* Schweppe, E.-G. 10621
Demmel, F., Klein, A. Advantages of active antennas for field strength measurements 31373
Demmel, J.W. *see* Bai, Z. 599
Demmin, J.C. Faster, cheaper MCM development 333
Demming, S., Ehrlich, I. Analysis and optimisation of the dynamic behaviour of generator controllers and power system stabilizers with the aid of the frequency response method 32337
Demo, P. *see* Lacquaniti, L.G. 7428
Demolder, S. *see* De Baets, J. 27768
Demolliens, O. *see* Ferlazzo, L. 2228
Demolliens, O. *see* Molle, P. 20010
Demoment, G. *see* Herment, A. 24258
Demortier, L. *see* Fanourakis, G.K. 24011
Demoulin, B. *see* Besnier, P. 44479
Demoulin, B. *see* Heddebaut, B. 35079
Demoulin, B. *see* Poudroux, C. 44480
Demoulin, B. *see* Scuka, V. 44429
Demoulin, L., Estebe, C., Deschamps, J., Bloch, F., Loys, M. Modular primary substations 25610
Dempsey, G.J. *see* Anderson, J.McC. 39130
Dempsey, G.L., McVey, E.S. Circuit implementation of a peak detector neural network 18927
Dempsey, G.L., McVey, E.S. An image processing resolution enhancement method for single-pixel targets 22291
Dempster, R.J. *see* Blackman, S.S. 29630
Dempwolff, U. Translation planes of order 27 41080
Demuth, S., Neumann, H., Nick, W.R., Wellssow, W.H. Supplement to the VDEW disturbance statistics for determining the disturbance course 47410
Demuynck, F., Vandenbosch, G., Van de Capelle, A. Microstrip antennas: operation, application and modeling 44556
Demuynck, F.J., Vandenbosch, G.A.E., Van de Capelle, A.R. Analytical treatment of the Green's function singularities in a stratified dielectric medium 28292
Demuynck, F.J. *see* Vandenbosch, G.A.E. 21376
Demytko, N. A new elliptic curve based analogue of RSA 29481
den Aker, K.van *see* van den Aker, K.
den Akker, F.M.van *see* van den Akker, F.M.
den Berg, A.van *see* van den Berg, A.
den Berg, C.van *see* van den Berg, C.
den Berg, P.M.van *see* van den Berg, P.M.
den Berg, R.van *see* van den Berg, R.
den Bergh, H.van *see* van den Bergh, H.
den Boer, B., Bosselaers, A. Collisions for the compression function of MD5 29499
den Born, E.A.van *see* van den Born, E.A.
den bosch, G.Van *see* Van den bosch, G.
den Bosch, P.P.J.van *see* van den Bosch, P.P.J.
Den Bossche, A.P.M.Van *see* Van Den Bossche, A.P.M.
den Bossche, P.Van *see* Van den Bossche, P.
den Bout, D.E.Van *see* Van den Bout, D.E.
den Brand, J.F.J.van *see* van den Brand, J.F.J.
den Brandt, B.van *see* van den Brandt, B.
den Brink, M.A.van *see* van den Brink, M.A.
den Brink, M.van *see* van den Brink, M.
den Brink, R.F.M.van *see* van den Brink, R.F.M.
Den Brinker, A.C. The discrete-time running cross-correlation function estimated from the Laguerre spectra 13254
den Broek, C.van *see* van den Broek, C.
den Broek, W.van *see* van den Broek, W.
den Broeke, L.A.D.van *see* van den Broeke, L.A.D.
Den Bulck, P.Van *see* Van Den Bulck, P.
den Dool, F.van *see* van den Dool, F.
den Hemel, M.van *see* van den Hemel, M.
Den Herder, J.W. *see* Schonfelder, V. 7146
den Heuvel, A.P.van *see* van den Heuvel, A.P.
den Heuvel, F.C.van *see* van den Heuvel, F.C.
den Heuvel, F.van *see* van den Heuvel, F.
den Heuvel, J.C.van *see* van den Heuvel, J.C.
den hove, L.Van *see* Van den hove, L.
den Hoven, G.N.van *see* van den Hoven, G.N.
den Ouden, A.H. *see* Goossens, R.H.M. 24144
den Outer, F.R. Cast resin and other dry-type transformers, under changing load compared to the oil-immersed transformer 25501
den Tempel, C.M.M.van *see* van den Tempel, C.M.M.
den Vlekkert, H.H.van *see* van den Vlekkert, H.H.
DeNale, R. *see* Namkung, M. 9850
Denard, J.-C., Bocchetta, C., Carniel, A., Monaci, T., Sereni, P., Sierra, S., Ursic, R. Beam diagnostics of the ELETTRA injector 7098
Denard, J.-C. *see* Bocchetta, C.J. 7100
Denard, J.-C. *see* Ursic, R. 15449
Denariez Roberge, M. *see* O'Neill, C. 21005
Denat, A. *see* Marteau, C. 1772
DeNatale, F.G.B., Desoli, G.S., Fioravanti, S., Giusto, D.D. Neural prediction in image vector quantization 21996
Denavit, J. *see* Rambo, P.W. 28064
Denavit, J. *see* Rambo, P.W. 28639
Denazis, S.G. *see* Kouvatsos, D.D. 45318
DenBaars, S.P. *see* Hashemi, M.M. 19891
Denbaars, S.P. *see* Hashemi, M.M. 43003
Denbaars, S.P. *see* Heimbuch, M.E. 41440
DenBaars, S.P. *see* Holmes, A.L., Jr. 20809
Denbaars, S.P. *see* Leonard, D. 10713
DenBaars, S.P. *see* Shealy, J.B. 28191
DenBaars, S.P. *see* Shealy, J.B. 43012
Denby, B., Lindblad, T., Lindsey, C.S., Szekely, G., Molnar, J., Eide, A., Amendolia, S.R., Spaziani, A. Investigation of a VLSI neural network chip as part of a secondary vertex trigger 7272
Denby, B. *see* Lindsey, C.S. 15661
Dencun Dong *see* Dong Dencun
Denda, M. *see* Togami, Y. 46489
Denecke, B. Absolute activity measurements with the windowless 4 π-CsI(Tl)-sandwich spectrometer 38941
Denecke, B. *see* Reher, D.F.G. 46830
Denenberg, D., Blew, A. High resolution compound semiconductor mapping for process control 1984
Denenberg, D., Blew, A. Constant depth DLTS measurements on compound semiconductors 1985
Denenberg, D., Blew, A. Advances in photoreflectance analysis of HBT wafers 2454
Denenberg, D., Blew, A. Carrier mobility and active layer sheet measurements of compound semiconductors 6730
Deneris, C.A., Logan, J.C., Rockway, J.W. Evaluation of method of moments codes: University of Houston JUNCTION and Numerical Electromagnetic Code, Version 4 44558
Denes, E. *see* Green, B. 46985
Deng, B., Jawerth, B., Peters, G., Sweldens, W. Wavelet probing for compression based segmentation 22116
Deng, C. *see* Parsons, J.D. 728
Deng, C.-P. *see* Wang, C. 1471
Deng, G., Cahill, L.W. AMBTC-DPCM-quad-tree hybrid coding of still images 29911
Deng, L., Hassanein, K., Elmasry, M. Analysis of the correlation structure for a neural predictive model with application to speech recognition 44800
Deng, L. *see* Hassanein, K. 4493
Deng, L. *see* Sheikhzadeh, H. 36613
Deng, R.H. New parity retransmission system using product codes 4379
Deng, R.H. Hybrid ARQ schemes for point-to-multipoint communication over nonstationary broadcast channels 14427
Deng, R.H., Hong Zhou An adaptive coding scheme with code combining for mobile radio systems 22840
Deng, R.H., Lazar, A.A., Wang, W. A probabilistic approach to fault diagnosis in linear lightwave networks 30715
Deng, R.H., Li, Y.X., Herro, M.A. DC-free error-correcting convolutional codes 12859
Deng, R.H. *see* Koon Seng Lim 22359
Deng, R.H. *see* Koon Seng Lim 37138
Deng, R.H. *see* Yuan Xing Li 44722
Deng, S. *see* Maydell, U.M. 30298
Deng, T.-B., Kawamata, M., Higuchi, T. Design of 2-D digital filters based on the optimal decomposition of magnitude specifications 34162
Deng, T.-B., Soma, T. Successively linearized nonnegative decomposition of 2-D filter magnitude design specifications 10303
Deng, Z., Irish, D.E. Surface enhancement Raman scattering from a silver electrode in a methyl acetate solution containing $LiAsF_6$ and $(CH_3)_4NBr$ 17243
Deng Bihe, Lu Huijuan, Weng Yizhi Propagation of the EH_{11} mode of waveguide HCN laser in free space 28700
Deng Jianjun *see* Hui Zhongxi 43693
Deng Jiqiao *see* Mei Yambiao 29068
Deng Jixiang, Bai Ruidong Catastrophe theory applied to stability analysis for nonsymmetric short circuit in simple power system 32184
Deng Jyh-Jeng *see* Jyh-Jeng Deng
Deng Kung-Li *see* Kung-Li Deng
Deng Li *see* Li Deng
Deng Luogen Experimental verification of two-level synthetic wavelength component scheme of infrared band dual-line He-Ne laser 6776
Deng Peizhen *see* Peizhen Deng
Deng Peizheng *see* Liu Xiaodong 18129
Deng Qing-Ping *see* Jiang Mei-Qun 41209
Deng Qingping *see* Qingping Deng
Deng Ray-Chern *see* Ray-Chern Deng
Deng Tian-Bo *see* Tian-Bo Deng
Deng Xiaolan *see* Xiaolan Deng
Deng Xing-Zhong, Yang Zi-Fang, Cheng Xian-Ping, Liu Bo Research on improving sampling precision of the colorimetric pyrometer with a modulator disc 46432
Deng Xing-Zhong *see* Cheng Xian-Ping 38730
Deng Yonglu *see* Yonglu Deng
Deng Youman, Zhang Boming, Wang Shiying, Xiang Niande A topological analysis for network observability determination 24817
Dengler, R.J. *see* Raisanen, A.V. 18986
Dengler, R.J. *see* Siegel, P.H. 34257
Denham, P.E. *see* Kortright, J.B. 27821
Denic', D., Arsic', M. Checking of pseudorandom code reading correctness 4440
Denic, D. *see* Arsic, M. 14999
Denike, A.C., Keller, G.Y., Thorn, G.H., Uhl, G.L. The Roseton gas conversion—how to convert 1200 Mw to gas firing 8178
Denis, F. *see* Devevey, C. 7402
Denisenko, A.N., Stetsenko, O.A. Analysis of the effect of frequency distortion on the characteristics of LFM signals 36484
Denisenko, A.V. *see* Ulyashin, A.G. 34503
Denison, D. Electronic fuses protect cable, network transformers 39663
Denison, D.R., Yasuda, A.K. Particulate control during ECR-CVD deposition of SiO_2 851
Denison, D.R. *see* Wang, J.K. 19663
Denison, G.J. *see* Loubriel, G.M. 28622
Denison, G.J. *see* Loubriel, G.M. 44466
Denison, G.J. *see* Zutavern, F.J. 28624
Denison, M. *see* Thackeray, J.W. 27970
Denison, S. Recent developments in the regulatory sphere [open systems] 33301
Denisov, A.G. *see* Kudelya, A.M. 19022

Denisov, A.Yu. *see* Kudinov, V.A. 18310
Denisov, G.G. *see* Urbanus, W.H. 3408
Denisov, N.N. *see* Alpatov, V.P. 47119
Denisov, N.N. *see* Skolbelkin, O.K. 47118
Denisov, S., Dushkin, A., Fedjakin, N., Gilitsky, Yu., Kochetkov, V., Kotov, I., Mikhailov, Yu., Onuchin, V., Shein, I., Shestermanov, K., Soldatov, A., Spiridonov, A., Struzdumov, D., Sytnik, V. Hadron gas ionization calorimeter 31708
Denisov, S.P. *see* Gilitskii, Yu.V. 46921
Denisov, V.D. *see* Anan'ev, V.D. 47677
Denisyuk, Yu.N., Ganzherli, N.M. Recording and reconstruction of three-dimensional focused images using a pseudothick hologram and an extended reference illumination source 36044
Deniyuk, S.P. *see* Tonkai', V.E. 32189
Deniz, A.V., Obenschain, S.P. A KrF oscillator system with uniform profiles 35690
Deniz, A.V. *see* Lehmberg, R.H. 35952
Denjean, A. *see* Castanie, F. 13330
Denjean, A. *see* Molinaro, F. 13657
Denker, M.S. *see* Tsai, J.Y. 42615
Denker, M.S. *see* Zhang, B. 2064
Denley, I. *see* Hill, B. 37569
Denlinger, E. *see* Harshavardhan, K.S. 20170
Denlinger, E.J. *see* Harshavardhan, K.S. 43340
Denne, P. Thrills without spills—engineering the personal simulator 8458
Dennert, R. *see* Kamejima, K. 4957
Denney, B. *see* deFigueiredo, R.J.P. 39144
Denney, G. F16 jet engine trending and diagnostics with neural networks 24423
Denning, D., Godwin, M., Bayse, W.A., Rotenberg, M., Branscomb, L.M., Branscomb, A.M., Rivest, R.L., Grosso, A., Max, G.T. To tap or not to tap 5390
Denning, R.F. Fault recorder systems 16477
Dennis, C.L. *see* Liau, Z.L. 43836
Dennis, M.L., Diels, J.-C.M. Analysis of a ring-laser gyroscope with intracavity phase-conjugate coupling 44011
Dennis, M.L., Dixon, J.W., Aggarwal, I. High power upconversion lasing at 810 nm, in Tm:ZBLAN fibre 28773
Dennis, P.N.J. *see* Watton, R. 31282
Dennis, T.J. *see* Papadimitriou, D.V. 45059
Dennis, W.M. *see* Eilers, H. 28777
Dennison, C. *see* Batra, S. 18720
Dennison, C. *see* Sultan, A. 2024
Dennison, S. *see* Saraby-Reintjes, A. 9673
Denno, S., Saito, Y. Adaptive phase control using recursive least squares (RLS) phase estimation 29424
Denno, S. *see* Metz, S. 15927
Denos, Y., Morin, F., Trudel, G. Characterization of pure and strontium-substituted lanthanum cobalties synthesized by the glycine-nitrate process 17271
Denoyer, E. *see* Mwanakatwe, M. 14526
Densing, R., Erstling, A.B., Gogolewski, R.M., Roser, H.P., Brundermann, E., Hubers, H.-W., Stadermann, H.K.E. Mesh-coupler for far-infrared gas- and semiconductor-lasers 20948
Densler, S. *see* Butler, D.M. 23439
Densley, J. *see* Bulinski, A. 43195
Densley, R.J., Bartnikas, R., Bernstein, B. Multiple stress aging of solid-dielectric extruded dry-cured insulation systems for power transmission cables 47531
Densmore, A., Jamnejad, V. K- and K_A-band satellite-tracking, small reflector vehicular antenna system for mobile satellite service 22942
Densmore, A., Jamnejad, V., Wu, T.K., Woo, K. K- and K_a-band mobile-vehicular satellite-tracking reflector antenna system for the NASA ACTS mobile terminal 36381
Densmore, A. *see* Tulinsteff, A. 36419
Densmore, A.C., Jamnejad, V. A satellite-tracking K- and K_a-band mobile vehicle antenna system 21417
Dent, A., Hanna, K. Reasoning about array structures using a dependently typed logic 1175
Dent, P., Gudmundson, B., Ewerbring, M. CDMA-IC: a novel code division multiple access scheme based on interference cancellation 37771
Dentai, A.G. *see* Koyama, F. 11685
Dentai, A.G. *see* Koyama, F. 20793
Dentai, A.G. *see* Koyama, F. 43529
Dentai, A.G. *see* Kuznetsov, M. 20785
Dentai, A.G. *see* Kuznetsov, M. 43928
Dentan, M., Delagnes, E., Fourches, N., Rouger, M., Habrard, M.C., Blanquart, L., Delpierre, P., Potheau, R., Truche, R., Blanc, J.P., Delevoye, E., Gautier, J., Pelloie, J.L., de Pontcharra, J., Flament, O., Leray, J.L., Martin, J.L., Montaron, J., Musseau, O. Study of a CMOS-JFET-bipolar radiation hard analog-digital technology suitable for high energy physics electronics 34183
Dentan, V. *see* Dubois, J.-C. 43182
Dente, J.G. *see* Palma, J.C.P. 8829
Dente, J.G. *see* Palma, J.P. 8851
Dente, J.G. *see* Palma, J.P. 17441
Denton, D.D. *see* Guifang Li 21039
Denton, D.D. *see* Jaafar, M.A.S. 17848
Denton, S. *see* Bowen, L. 40453
Denyer, N., Raney, R.K., Shepherd, N. The RADARSAT SAR data processing facility 32056
Denyer, P.B. *see* Findlay, K.W.J. 13703
Denyer, P.B. *see* Sutherland, K. 13746
Denys, B.G. *see* Herrera-Bendezu, L.G. 39053
Denys, M.-J. Urban electric vehicles 48405
Denysenko, A., Alexandrou, S., Wang, C.-C., Bradley, D.K., Donaldson, W.R., Hsiang, T.Y., Sobolewski, R., Bell, P.M. Picosecond electrical characterization of X-ray microchannel-plate detectors used in diagnosing inertial confinement fusion experiments 15089
Denz, W. *see* Heidemann, A. 48455
Deock Ho Ha A study on picture quality impairing factors and evaluation method for the video signal in urban mobile reception 6193
Deog-Kyoon Jeong *see* Joongsik Kih 41690
Deok Noh Yong *see* Noh Yong Deok
Deol, R.S., Hewak, D.W., Jordery, S., Jha, A., Poulain, M., Baro, M.D., Payne, D.N. Improved fluoride glasses for 1.3 μm optical amplifiers 2931
Deol, R.S. *see* Eason, R.W. 18260
Deordiev, G.I. *see* Shakshin, N.I. 41509
DeOtte, R.E., Jr. *see* Morrison, G.L. 31514
DeOtte, R.E., Jr. *see* Morrison, G.L. 46682
DeOtte, R.E., Jr. *see* Morrison, G.L. 46684
DePalma, W.A. *see* Beard, K.W. 17199
Deparis, C. *see* Courboules, B. 41266
Depast, M., van Meirhaeghe, R.L., Laflere, W.H., Cardon, F. Electrical characteristics of $Al/SiO_2/n$-Si tunnel diodes with an oxide layer grown by rapid thermal oxidation 28079
Depedis, D. *see* Buontempo, S. 31696
Depee, J.Y., Ehlinger, R., Chante, J.P. Modelization and simulation of semiconductor protection crowbar devices 2609
Depei Liang *see* Liang Depei
Depero, L.E. *see* Sberveglieri, G. 6632
Depeursinge, C. *see* Verdun, F.R. 24176
Depew, J., Ledzian, K. Enhanced reactor building cooling 8059
Depine, R.A., Inchaussandague, M.E. Corrugated diffraction gratings in uniaxial crystals 29162
DePinto, G. A methodology for optimizing a constant temperature polysilicon deposition process 33695
DePinto, G. *see* Berry, M. 273
Deponti, E. *see* Candeo, S. 45778
Deponti, F., Fini, G.P., Porrino, A., Rosa, F. Compacting high voltage transmission lines in view of dielectric and corona noise constraints 16384
Depovere, G., Tomesen, M., Hooijmans, P., Wauters, N., Demeester, P. A flexible cross-connect network using multiple optical carriers 30858
Depovere, G. *see* Wauters, N. 38098
Depovere, G.F.G. The coherent future 14665
Depovere, G.F.G. *see* Staring, A.A.M. 43926
Deppe, D.G., Huffaker, D.L., Lei, C. Performance issues related to dielectric stack reflectors in vertical-cavity surface-emitting lasers 35930
Deppe, D.G. *see* Huang, Z. 43657
Deppe, D.G. *see* Huffaker, D.L. 44022
Deppert, K., Jonsson, J. On the effect of arsine for the decomposition of triethylgallium during epitaxial growth of GaAs 18180
Deppert, K. *see* Jonsson, J. 19577
Deprettere, E.F., Moonen, M. Unifying parametrized VLSI Jacobi algorithms and architectures 36742
Deprettere, E.F. *see* Bierens, L.H.J. 14705
Deprettere, E.F. *see* Bu, J.C. 14734
Deprettere, E.F. *see* Van Der Veen, A.-J. 13183
DePriest, W. *see* Van Laar, J.A. 8216
Deptuck, D., Lowry, M.M., Girit, I.C. Signal processing for cryogenic micro-calorimetry 23498
Deptuck, D., Lowry, M.M., Girit, I.C. Cryogenic micro-calorimeters for low energy beta spectroscopy 24119
Deptuck, D. *see* Lowry, M.M. 24118
Depuis, H., Hajek, B. Simple formulas for multiplexing delay for independent regenerative sources 5199
Deputatova, L.V., Vasilieva, I.A., Vladimirov, V.I. The effect of a wall's radiation scattered by the particles on the spectral diagnostics in MHDG 25813
DePuy, G.W. *see* Ammons, J.C. 1728
DePuydt, J.M. *see* Guha, S. 10692
DePuydt, J.M. *see* Guha, S. 11871
DePuydt, J.M. *see* Haase, M.A. 3590
DePuydt, J.M. *see* Haase, M.A. 28812
Depuydt, J.M. *see* Kuo, L.H. 42486
Deqian Xia *see* Xia Deqian
Deqiang Gan *see* Gan Deqiang
Dequeker, J. *see* Wevers, M. 18370
Dequero, Y., Mazeas, J. Analysis and elimination of disturbances in the electrical network of an hospital 47340
Der, L. *see* Brown, J.E.C. 28374
Der, V.K., Engleman, R.R., Jr., Owens, W.R. The marketing and commercialization of MHD power systems 25368
der Arend, P.van *see* van der Arend, P.
der Broeck, H.van *see* van der Broeck, H.
der Broeck, H.W.van *see* van der Broeck, H.W.
der Burg, R.van *see* van der Burg, R.
der Does, T.van *see* van der Does, T.
der Drift, E.van *see* van der Drift, E.
der duyn Schouten, F.A.van *see* van der duyn Schouten, F.A.
Der Eems, B.Van *see* Van Der Eems, B.
der Elst, H.van *see* van der Elst, H.
der Gaag, B.P.Van *see* Van der Gaag, B.P.
der Gaag, B.Van *see* Van der Gaag, B.
der Geer, C.A.J.van *see* van der Geer, C.A.J.
der Genugten, B.B.van *see* van der Genugten, B.B.
der Gevel, M.van *see* van der Gevel, M.
der Graaf, R.van *see* van der Graaf, R.
der Graaf, W.A.van *see* van der Graaf, W.A.
der Gracht, J.van *see* van der Gracht, J.
der Ham, E.W.M.van *see* van der Ham, E.W.M.
der Hardt, H.-J.von *see* von der Hardt, H.-J.
der Hart, A.van *see* van der Hart, A.
der Heide, B.von *see* von der Heide, B.
der Heide, J.A.van *see* van der Heide, J.A.
der Heijden, G.-J.van *see* van der Heijden, G.-J.
der Heijden, J.M.M.van *see* van der Heijden, J.M.M.
der Heyde, C.Van *see* Van der Heyde, C.
der Hoek, L.van *see* van der Hoek, L.
der Hofstad, G.L.A.van *see* van der Hofstad, G.L.A.
Der Jagt, L.Van *see* Van Der Jagt, L.
der Kam, P.M.A.van *see* van der Kam, P.M.A.
der Keur, J.M.van *see* van der Keur, J.M.
der Laan, M.D.van *see* van der Laan, M.D.
der Laan, P.C.T.van *see* van der Laan, P.C.T.
der Linden, A.van *see* van der Linden, A.
Der Linden, M.B.Von *see* Von Der Linden, M.B.
der Linden, S.van *see* van der Linden, S.
der Lippe, H.von *see* von der Lippe, H.
Der Lubbe, J.C.A.Van *see* Van Der Lubbe, J.C.A.
der Malsburg, C.von *see* von der Malsburg, C.
der Mark, M.B.van *see* van der Mark, M.B.
der Meer, A.F.G.van *see* van der Meer, A.F.G.
der Meer, J.van *see* van der Meer, J.
der Meer, K.van *see* van der Meer, K.
der Meer, P.J.van *see* van der Meer, P.J.
der Meijden, M.A.M.M.Van *see* Van der Meijden, M.A.M.M.
der Merwe, F.S.van *see* van der Merwe, F.S.
der Merwe, H.van *see* van der Merwe, H.
der Merwe, W.J.van *see* van der Merwe, W.J.
der Meulen, E.C.van *see* van der Meulen, E.C.
der Meulen, P.F.H.M.van *see* van der Meulen, P.F.H.M.
der Perre, L.Van *see* Van der Perre, L.
der Plaats, J.C.van *see* van der Plaats, J.C.
der Plas, P.A.van *see* van der Plas, P.A.
der Poel, C.J.van *see* van der Poel, C.J.
der Pols, E.K.H.van *see* van der Pols, E.K.H.
der Put, P.J.van *see* van der Put, P.J.
Der Putten, F.van *see* van Der Putten, F.
der Scheer, D.van *see* van der Scheer, D.
der Schoot, B.H.van *see* van der Schoot, B.H.
der Schoot, B.van *see* van der Schoot, B.
der Schueren, A.van *see* van der Schueren, A.
der Slot, P.J.M.van *see* van der Slot, P.J.M.
der Sluijs, M.J.van *see* van der Sluijs, M.J.
der Sluis, L.Van *see* Van der Sluis, L.
der Sluis, P.Van *see* Van der Sluis, P.
Der Smitten, F.J.In *see* In Der Smitten, F.J.
der Spek, G.A.van *see* van der Spek, G.A.
der Spiegel, J.Van *see* Van der Spiegel, J.
der Staal, P.van *see* van der Staal, P.
der Steenhoven, G.van *see* van der Steenhoven, G.
der Straat, F.Van *see* Van der Straat, F.
der Tol, J.J.G.M.van *see* van der Tol, J.J.G.M.
Der Veen, A.-J.Van *see* Van Der Veen, A.-J.
der Veen, M.van *see* van der Veen, M.
der Veer, J.H.C.van *see* van der Veer, J.H.C.
Der Velde, E.T.Van *see* Van Der Velde, E.T.
der Vleuten, R.J.van *see* van der Vleuten, R.J.
der Vleuten, W.C.van *see* van der Vleuten, W.C.
Der Vorst, H.A.van *see* van Der Vorst, H.A.
der Walt, A.J.van *see* van der Walt, A.J.
der Walt, P.W.van *see* van der Walt, P.W.
Der Weg, W.F.Van *see* Van Der Weg, W.F.
der Weid, J.P.von *see* von der Weid, J.P.
Der Weide, D.W.Van *see* Van Der Weide, D.W.
der Werf, A.van *see* van der Werf, A.
Der Werf, C.H.M.Van *see* Van Der Werf, C.H.M.
der werf, K.O.van *see* van der werf, K.O.
der Wiel, A.J.van *see* van der Wiel, A.J.
der Wiel, M.J.van *see* van der Wiel, M.J.
der Woerd, A.C.van *see* van der Woerd, A.C.
Der Woude, A.Van *see* Van Der Woude, A.
der Woude, C.R.van *see* van der Woude, C.R.
der Zwan, M.L.W.van *see* van der Zwan, M.L.W.
Der-Cherng Liu, Chien-Ping Lee Novel fabrication technique towards quantum dots 18166
Der-Cherng Liu, Chien-Ping Lee, Kuang-Lung Tsai, Jian-Shihn Tsang, Horng-Rung Chen Composition modulation of $In_xGa_{1-x}As$ quantum wells by fast dimer arsenic flux change using valved arsenic cracker 42477
Der-Chyuan Wang *see* Shih-Jen Wang 47673
Der-Feng Guo, Shiuh-Ren Yih, Jing-Tong Liang, Wen-Chau Liu Characteristics of a GaAs metal-n^+-v-$\delta(p^+)$-v-n^+ switch 28220
Der-Ming Hou *see* Wen-Jen Liang 21179

Der-Woei Wu *see* Kai Zhang 653
Derado, I. *see* Bachler, J. 46934
Derakhshan, M.S. *see* Baker, C.T.H. 41192
Derakhshandeh, M. *see* Darnell, M. 45749
Deravi, F. *see* Muhamad, A.K. 13754
Derbenev, Ya.S. RF-resonance beam polarimeter. I. Fundamental concepts 7007
Derbenev, Ya.S. *see* Phelps, R.A. 38798
Derbyshire, K. Automatic test pattern generation 27034
Deregel, P. Chua's oscillator: a zoo of attractors 1094
Deregel, P. *see* Sharkovsky, A.N. 1006
DeReggi, A.S. Effects of the measuring circuit on broadband piezo and pyroelectric measurements 46576
DeReggi, A.S., Dickens, B., Laburthe-Tolra, C., Alquie, C., Lewiner, J. Radiation-induced polarization in polyvinyl chloride revisited 43137
Derenchuck, V. *see* Caussyn, D.D. 7026
Derenchuck, V. *see* Lee, S.Y. 7040
Derenchuk, V., Brown, R., Wedekind, M. Polarized ion source development at IUCF 31620
Derenchuk, V. *see* Caussyn, D.D. 38778
Derenchuk, V. *see* Ellison, M. 38779
Derenchuk, V. *see* Huang, H. 23976
Derenchuk, V. *see* Li, D. 6973
Dereniak, E.L. *see* Barber, H.B. 15748
Dereniak, E.L. *see* Marasco, P.L. 31281
Dereniak, E.L. *see* Perry, D.L. 6580
Dereniak, E.L. *see* Perry, D.L. 23691
Dereniak, E.L. *see* Perry, D.L. 31289
Derenzo, S.E. *see* Moses, W.W. 15732
Deresmes, D. *see* Grandidier, B. 42838
Dereux, A. *see* Martin, O.J.F. 29275
Dereux, A. *see* Martin, O.J.F. 44279
Derevyankin, A.A. *see* Shvyryaev, Yu.V. 25181
Derevyankin, G.E. *see* Dudnikov, V.G. 38824
Derevyanko, V.A. *see* Vasilyev, E.N. 25734
Derevyanko, V.A. *see* Vasilyev, E.N. 25775
Derevyanko, V.A. *see* Vasilyev, E.N. 25789
Derevyanko, V.A. *see* Vasilyev, E.N. 25844
Derfelt, D.L., Hoge, C.E. Die bond selection criteria for hermetic packaging 367
Derhacobian, N. *see* Kin Man Yu 42644
Deri, R.J. Monolithic integration of optical waveguide circuitry with III-V photodetectors for advanced lightwave receivers 20565
Deri, R.J. Integrated waveguide photodetectors 23596
Deri, R.J., Kallman, J.S., Dijaili, S.P. Quantitative analysis of integrated optic waveguide spectrometers 43502
Deriche, M., Tewfik, A.H. Maximum likelihood estimation of the parameters of discrete fractionally differenced Gaussian noise process 13174
Deriche, M., Tewfik, A.H. Signal modeling with filtered discrete fractional noise processes 13217
Derickson, D.J. *see* Karin, J.R. 29001
Dering, J.P. *see* Duncan, W.A. 28715
Deringas, A. *see* Pasiskevicius, V. 3340
Derissen, W., Maier, R., Pfister, U., Prasuhn, D., Sauer, M., Schwab, W., Schwarz, U., Sedlacek, M., Stein, H.J., Wimmer, J., Witt, J.D., Zumloh, A. Status of the COSY electron cooler 7065
Deriu, A. *see* Vazquez, M. 43283
Derkach, V.P., Medvedev, I.V., Khodakovskii, N.I., Chechko, G.A. Modeling of processes in tunneling lithography 28055
Derkatch, V.N., Vertiy, A.A. Quasi-optical Fourier method of spatial structure analysis of electromagnetic fields 3970
Derksen, J. *see* Brussaard, G. 29183
Dermler, G. *see* Rothermel, K. 14172
Dermody, P. *see* Lee, K. 4545
Dermody, P. *see* Raicevich, G. 12998
Dermody, P. *see* Woo, D. 13065
Dern, D.P. Power and circumstances: electricity for portable computing 8528
Derneryd, A. *see* Rengarajan, S.R. 12772
Derode, A., Fink, M. Spatial correlation of the backscattered acoustic field from fiber reinforced composites 9817
Derode, A., Fink, M. Spatial coherence of ultrasonic speckle in composites 18377
Derosier, R.M. *see* Chraplyvy, A.R. 37984
Derossi, A. *see* Lama, F. 31812
Derouiche, Z., Delebarre, C., Rouvaen, J.M., Baquet, I. Characterization of biphase heterogeneous media using deconvolution of high frequency ultrasonic echograms 15705
DeRouin, E. *see* Brown, J.R. 22222
Derouin, E. *see* Doussiere, P. 28824
Derouin, E. *see* Doussiere, P. 43932
Derouin, E. *see* Mikkelsen, B. 38129
Derouin, F. *see* Aomi, H. 34748
Derrick, A. *see* Macnaughton, D. 25262
Derrick, M. *see* Bernstein, A. 31661
Derrick, M. *see* Wang, M.-Z. 31689
Derrien, J., Chevrier, J., Le Thanh Vinh, Berbezier, I., Giannini, C., Lagomarsino, S., Grimaldi, M.G. Synthesis and properties of epitaxial semiconducting silicides 18145
Derrien, J. *see* Chevrier, J. 19368
Dersch, U. Physical modelling of macro, micro and inhouse cell mobile radio channels 37766
Dersch, U., Ruegg, R.J. Simulations of the time and frequency selective outdoor mobile radio channel 5780
Dersch, U. *see* Jimenez, J. 30642
Dersen, H., Lefebvre, T., Lobert, J.-P., Chaffanjon, D., Demaretz, E. The energy of communication: power line carrier 22749
Derun, E.N., Kolyshkin, A.A., Vaillancourt, R. Signal simulator for the calibration of eddy current probes 40989
Deruyter, H. *see* Ruth, R.D. 46776
Dervin, B. *see* Shields, P. 5404
Derwael, C. *see* Li, G.P. 15858
Derwent, P.F. *see* Amidei, D. 46890
Derwent, P.F. *see* Tkaczyk, S. 46989
Deryagin, A.G., Kuksenkov, D.V., Kuchinskii, V.I., Portnoi, E.L., Khrushchev, I.Yu. Generation of 110 GHz train of subpicosecond pulses in 1.535 μm spectral region by passively modelocked InGaAsP/InP laser diodes 35834
Deryagin, V.N. Stand for full-scale tests of optical radars and rangefinders 12509
Deryugin, A.A., Mishakov, G.V. Effect of photoabsorptive convection on the rate of cw-CO_2-laser induced chemical vapor deposition of amorphous hydrogenated silicon 18281
Deryugin, S.N. *see* Minin, A.V. 30680
Desachy, J. *see* Zahzah, E.-H. 13555
Desai, B.T., Nair, N.C., Gupta, H.U. Inconsistency in standards for exact online overload time-limit computation based on hot spot temperature insulation deterioration 8485
Desai, C.F. *see* Siddiqui, S.S. 1866
Desai, C.F. *see* Siddiqui, S.S. 34555
Desai, C.F. *see* Siddiqui, S.S. 43618
Desai, J.D., Lokhande, C.D. Nonaqueous chemical bath deposition of Bi_2S_3 thin films 9680
Desai, M. *see* Aronhime, P. 18855
Desai, M. *see* Burdett, C.J. 31860
Desai, M. *see* Jairath, R. 19606
Desai, N.R., Hoang, K.V., Sonek, G.J. Applications of PSPICE simulation software to the study of optoelectronic integrated circuits and devices 20574
Desai, S. *see* Dunn, C. 34079
Desai, S.C. Meeting electricity demand by renewable energy in a landlocked country—Burundi 25256
Desai, U.B. *see* Bhatt, M.R. 29984
Desainte-Catherine, M. *see* Barbar, K. 44748
Desaix, M. *see* Anderson, D. 3888
DeSalvo, G.C. Ultrathin delta doped GaAs and AlAs tunnel junctions as interdevice ohmic contacts 11140
DeSalvo, R. *see* Arnaudon, H. 46878
DeSanto, S.S. *see* Dukes, E.C. 31693
DeSarkar, S.C. *see* Dasgupta, P. 43079
Desaulniers, D.R. Stress, undue stress, and the operation requalification examination process 39733
Desaulniers, D.R. Outage planning: human performance considerations 39737
Desbat, B. *see* Barriere, A.S. 34510
Desbois, J. *see* Ventura, P. 2762
Desbois, J. *see* Ventura, P. 16047
Desbruslais, S.R., Morkel, P.R. Simulation of polarisation mode dispersion and its effects in long-haul optically amplified lightwave systems 35403
Descamps, F., Vallee, C. Data acquisition for the H1 calorimeters 24106
Descamps, F., Vallee, C. The H1 calorimeters data acquisition 38918
Desch, P.B. *see* Anani, A. 32997
Deschacht, D., Robert, M., Azemard-Crestani, N., Auvergne, D. Post-layout timing simulation of CMOS circuits 10092
Deschamps, A. *see* Beaudin, G. 23251
Deschamps, J., Doyeux, H. AC plasma—technology for professional and consumer flat color displays 6696
Deschamps, J. *see* Demoulin, L. 25610
Deschenes, C.D., Gumming, R.G. Design strategies and recommendations for conversion to dual-fuel operation 8179
Desclos, L., Chassay, G. Scattering from elementary or composite saddle points and their application for target recognition by polarimetric inverse scattering 6120
Desclos, L., Floc'h, J.M., Bernick, P. Signal splitting using the traveling-wave principle 34269
Desclos, L., Pouliguen, P. Polarimetric comparison of some artificial clutters 30891
Descloux, A. Waiting-line distribution in $M^{[B]}/D/1$ queues with geometric batch input 5212
Descombes, X., Preteux, F. Topology and parameters estimation in Markov random field modelling 29864
Descour, M.R. *see* Perry, D.L. 31289
Desel, J., Esparza, J. Shortest paths in reachability graphs 18012
Desesquelles, P. *see* Benchekroun, D. 7218
Desforges, B. *see* Bailey, R. 15273
Desgagne, M. *see* Ghannouchi, F.M. 42155
Desgardin, G. *see* Bague, P. 27406
Deshan Li *see* Li Deshan
DeShazer, J.K., Johnson, C.E., O'Conner, D.E., Yauch, D.W. Internal current imbalance in large multiphase rectifiers 41647
Deshen Feng *see* Feng Deshen
Desheng Chen *see* Chen Desheng
Desheng Du *see* Du Desheng
Desheng Jiang *see* Wei Liu 3181
Desheng Jiang *see* Jiang Desheng
Deshpande, M.D., Cockrell, C.R., Beck, F.B., Nguyen, T.X. Benchmarks of simple, generic, shaped plates for validation of low-frequency electromagnetic computational codes 4036
Deshpande, M.D. *see* Shively, D.G. 29317
Deshpande, S.G. *see* Loha, P. 16376
Deshpande, S.V., Mayya, A., Vaidya, U.W., Patil, N.B., Premraj, M.K., Chandra, A.K. Disturbance recording system for industrial plants 16506
Deshpande, U. *see* Griswold, B. 392
Deshpande, U. *see* Holm, U. 17873
Deshpande, U.A. *see* Ho, C.W. 9308
Deshpande, V., Thane, N., Hargreaves, J., Takamori, Y., Apelgren, E., Freeman, P., Holland, K. Positive DUV resist (APEX-E) by IBM for the SVGL Micrascan 19678
Deshpande, V.A., Holland, K.L., Hong, A. Isolated-grouped linewidth bias on SVGL Micrascan 2334
Deshpande, V.K., Joshi, A.M. Cactus (Opuntia dillenii Grahm) stem: a new source of energy 25627
Deshu Chen *see* Junyong Wu 7921
Deshu Chen *see* Chen Deshu
Desideri, D. *see* Bagatin, M. 25546
Desiderio, O., Leone, L., Migliaccio, G. Evaluations of the electromagnetic environment in some localities of the Abruzzo and Molise regions 23256
Desilets, G.L. *see* Dickmander, D.L. 47459
deSilva, C.J.S. *see* Zhang, Y. 13056
DeSimone, A., Jr. Lassooing your modem's NVRAM (and other bis-ness) 14324
Desiro, G. *see* Piccari, L. 20368
Desjardins, M. WorldFIP 45550
Desjardins, P. *see* Izquierdo, R. 42787
Deslattes, R.D., Levin, J.C., Walker, M.D., Henins, A. Noninvasive high-voltage measurement in mammography by crystal diffraction spectrometry 38998
Desmaris, J. *see* Beaudet, J.P. 48485
Desmedt, P. *see* Bastiaens, K. 47051
Desmedt, Y. Breaking the traditional computer security research barriers 21550
Desmedt, Y. Threshold cryptosystems 21552
Desmedt, Y., Burmester, M. An efficient zero-knowledge scheme for the discrete logarithm based on smooth numbers 12887
Desmedt, Y., Seberry, J. Practical proven secure authentication with arbitration 21554
Desmedt, Y. *see* Frankel, Y. 21544
Desmet, S. *see* Li, N. 36831
Desmond, C., Shumada, I. Advanced intelligent network tutorial 37621
Desmond, C.A., Hunt, C.E., Farrens, S.N. The effects of process-induced defects on the chemical selectivity of highly doped boron etch stops in silicon 19591
Desmons, M. *see* Cavedon, J.M. 15354
Desmulliez, M.P.Y., Snowdon, J.F., Wherrett, B.S. Theoretical study of the operating conditions for symmetric self-electrooptic-effect-devices within cascaded digital optical arrays 20399
Desmulliez, M.P.Y., Wherrett, B.S., Snowdon, J.F. Tolerance analysis of cascaded self-electro-optic-effect-device arrays 43511
Desneux, P., Legat, J.D., Macq, B., Mertes, J.Y. A systolic implementation of a bi-dimensional lattice filter bank for multiresolution image coding 30059
Desnica, U.V. *see* Haynes, T.E. 2047
Desnica, U.V. *see* Ivanda, M. 42634
Desnoyer, S., Dupuy, F., Trehu, A. Object-oriented techniques for flexible and multiterminal videotex services 5437
Desoli, G.S. Least-squares bilinear interpolation for image-data compression 30148
Desoli, G.S. *see* De Natale, F.G.B. 5008
Desoli, G.S. *see* De Natale, F.G.B. 29782
Desoli, G.S. *see* DeNatale, F.G.B. 21996
Desoppere, E. *see* Leys, C. 11959
Desor, H.-J. *see* Alrutz, H. 6209
Desor, H.J., Libold, H. Modular tools for integrated circuit design 939
Desor, R. *see* Bijkerk, F. 11999
Desor, R. *see* Shmaenok, L. 28026
Desouki, A.S., Young-June Park, Hong-Shick Min A CAD procedure for optimizing bipolar devices relative to BiCMOS circuit delays 43136
DeSousa, K.E. A detailed look into NetExpert 5385
deSouza, E.A. *see* Islam, M.N. 12352
Despaux, G. *see* da Fonseca, R.J.M. 18327
Despaux, G. *see* Doghmane, A. 42822
Despins, C.L., Belzile, J., Haccoun, D. Bidirectional decoding of convolutional codes for wideband TDMA indoor wireless channels 36555
Desplanque, J. *see* Margat, C. 14451
Desplanques, P. *see* Loosfelt, P. 44824
Desponds, L. *see* Verdun, F.R. 24176
Despont, M., Racine, G.A., Renaud, P., de Rooij, N.F. New design of micromachined capacitive force sensor 31205
Desrayaud, F. *see* Chaix, P. 43992

Desrochers, P. *see* Phillips, D. *(editor)* 33218
Dessaint, L.-A. *see* Chandra, A. 17510
Dessauer, R. *see* Blanchet, G.B. 3975
Desseigne, P. *see* Peyrin, F. 15874
Dessel, M.Van *see* Van Dessel, M.
Desselberger, M. *see* Pepler, D.A. 35947
Dessenne, F. *see* Baudry, L. 19384
Dessenne, F. *see* Thobel, J.L. 19383
Dessens, J. *see* Kinard, J.R. 6283
Dessertenne, B. *see* Mage, J.C. 27137
Dessoude, M. *see* Puttgen, H.B. 8861
Destefanis, G., Chamonal, J.P. Large improvement in HgCdTe photovoltaic detector performances at LETI 11132
Destefanis, G. *see* Bouchut, P. 12207
DeStefano, J., Olson, T. Wavelet localization of the Radon transform in even dimensions 13656
DeStefano, J. *see* Olson, T. 24229
Destine, J. *see* Zhanyi Hu 5130
Destler, W. *see* Levush, B. 27417
Destler, W.W. *see* Ze-Xiang Zhang 35643
Destler, W.W. *see* Zhang, Z.X. 43692
Destruel, P. *see* Farenc, J. 31265
Desu, S.B., Yoo, I.K. Time-dependent dielectric breakdown in $BaTiO_3$ thin films 2695
Desu, S.B., Yoo, I.K. Electrochemical models of failure in oxide perovskites 35119
Desu, S.B. *see* Kwok, C.K. 2718
Desu, S.B. *see* Kwok, C.K. 35141
Desu, S.B. *see* Vijay, D.P. 2156
Desu, S.B. *see* Yoo, I.K. 11355
Desu, S.B. *see* Myers, E.R. *(editor)* 26053
Desurvire, E. *see* Motoshima, K. 43791
Deswarte, A. *see* Andre, J.P. 41293
Deswarte, Y., Eizenberg, G., Quisquater, J.-J. *(editors)* Computer Security - ESORICS 92. Second European Symposium on Research in Computer Security Proceedings 17663
Detaint, J., Schwartzel, J. Materials for filtering and frequency control in the next generations of mobile communication systems 45822
Detaint, J., Schwartzel, J., Joly, C., Zarka, A., Capelle, B., Zheng, Y., Toudic, Y., Philippot, E. Energy trapping resonators and integrated filters using the AT cut of quartz like materials 20066
Detaint, J. *see* Capelle, B. 20095
Detaint, J. *see* Philippot, E. 18192
Detchprohm, T. *see* Hacke, P. 19409
DeTemple, T.A. *see* Caracci, S.J. 3399
DeTemple, T.A. *see* Herzinger, C.M. 35815
Detkov, A.N. Effective algorithm for statistical digital filtering 21864
Detlefsen, J. *see* Kees, N. 6128
Detlefsen, J.B., Ostner, H., Weinberger, M. Near field Doppler characterisation of aperture antennas using spectral domain methods 4257
Detoma, E. *see* Stern, A. 23389
Detombe, J., Tavares, S. Constructing large cryptographically strong S-boxes 21565
Detry, R.J., Jayasumana, A.P. Three-layer router for channels with constrained terminals 9879
Dettelbacher, C. *see* Faltermeier, J. 831
Dettmar, U., Sorger, U.K. New optimal partial unit memory codes based on extended BCH codes 12860
Dettmer, H. *see* Bauer, F. 32965
Dettmer, H. *see* Fichtner, W. 2639
Dettmer, R. Chaos and engineering 224
Dettmer, R. Clean energy in the Black Country 39974
Dettmer, R. Sans sulphur—the Drax FGD project 39975
D'Ettorre, G. *see* Negrini, F. 25303
Deuchars, G.D. *see* Rao, B.M.L. 17193
Deugo, D., Oppacher, F. Achieving self-stabilization in a distributed system using evolutionary strategies 45332
Deuk-Hwa Woo *see* Sang-Yu Lee 19748
Deung-Yong Park *see* Kwang-Ho Kim 32358
Deursen, A.P.J.van *see* van Deursen, A.P.J.
Deursen, J.-P.van *see* van Deursen, J.-P.
Deursen, J.P.van *see* van Deursen, J.P.
Deus, K. *see* Boudriot, H. 33583
Deuse, J., Stubbe, M. Dynamic simulation of voltage collapses 24694
Deuse, J. *see* Counan, C. 25024
Deuser, L. *see* Beck, S. 4597
Deutsch, A. *see* Ponnapalli, S. 40938
Deutsch, B., Heinlein, W.E. Time-domain measured resonant absorption-induced change in group delay of erbium-doped silica fibers 28469
Deutsch, E., Mairhofer, M., Jacobs, H. The Jena Nord substation—reliable operation during 65 years—a new network concept 8713
Deutsch, H. Multi-hosting [Bellcore's TR-303 IDLC system] 37639
Deutsch, H. *see* Kersten, H. 42683
Deva Raju, K.V.M., Subba Rao, S.V., Srinivasan, K.V., Visvanathan, K. Multichannel real-time data acquisition system using dual ported FIFO buffers 38417
Devadas, S. Microelectronic system design skills for the year 2000 and beyond 18414
Devadas, S., Keutzer, K., Malik, S. Computation of floating mode delay in combinational circuits: theory and algorithms 26803
Devadas, S., Keutzer, K., Malik, S., Wang, A. Computation of floating mode delay in combinational circuits: practice and implementation 26804
Devadas, S., Keutzer, K., Malik, S., Wang, A. Verification of asynchronous interface circuits with bounded wire delays 26861
Devadas, S., Keutzer, K., Malik, S., Wang, A. Verification of asynchronous interface circuits with bounded wire delays 41605
Devadas, S. *see* Ashar, P. 1138
Devadas, S. *see* Cheng, K.-T. 10093
Devadas, S. *see* Monteiro, J. 41841
Devadas, S. *see* Shen, A. 26874
Devanathan, R. *see* Sasidharan, R. 17808
Devaney, M. *see* Garcia-Otero, S. 40552
Devarakonda, R. *see* Queipo, N. 40959
Devarayanadurg, G.V., Soma, M. An interconnect model for arbitrary terminations based on scattering parameters 26580
Devars, J. *see* Demigny, D. 41928
Devautour, J. *see* Chabrerie, J.P. 1775
Devaux, F., Dorgeuille, F., Ougazzaden, A., Huet, F., Carre, M., Carenco, A., Henry, M., Sorel, Y., Kerdiles, J.-F., Jeanney, E. 20 Gbit/s operation of a high-efficiency InGaAsP/InGaAsP MQW electroabsorption modulator with 1.2-V drive voltage 43523
Devaux, F., Muller, S., Ougazzaden, A., Mircea, A., Ramdane, A., Krauz, P., Semo, J., Huet, F., Carre, M., Carenco, A. Zero-loss multiple-quantum-well electroabsorption modulator with very low chirp 35619
Devaux, F., Sorel, Y., Kerdiles, J.F. Simple measurement of fiber dispersion and of chirp parameter of intensity modulated light emitter 43408
Devaux, F. *see* Chelles, S. 35487
DeVeau, G.F., Konik, W.S., Mock, J.L., Presnell, M.J., Westfall, W.B. Splice verification and active fiber identification—a strategy for optimal network restoration 6006
Deveaud, B. *see* Lambert, B. 9637
Deveaud, B. *see* Lambert, B. 28494
D'Evelyn, M.P. *see* Hukka, T.I. 41446
D'evelyn, M.P. *see* Zhu, M. 33750
Deveney, M.F. Temperature tracking SPICE macro-model for laser and LED driven optocoupler assemblies 20525
Devenish, R. *see* Butterworth, J. 38932
Deventer, M.Oscar van *see* Oscar van Deventer, M.
Deventer, M.Oskar van *see* Oskar van Deventer, M.
Deventer, M.O.van *see* van Deventer, M.O.
Deventer, T.E.van *see* van Deventer, T.E.
Devereaux, T. *see* Chung, K. 34421
Devetsikiotis, M., Townsend, J.K. Statistical optimization of dynamic importance sampling parameters for efficient simulation of communication networks 5298
Devetsikiotis, M., Townsend, J.K. An algorithmic approach to the optimization of importance sampling parameters in digital communication system simulation 22296
Devetsikiotis, M. *see* Al-Qaq, W.A. 14386
Devevey, C., Denis, F., Gimenez, G. Real time tracking of gallstones on ultrasonic images for extracorporeal lithotripsy 7402
Deviatkin, E.A. A capacitive velocity sensor 6378
Devieux, C.L. Systems implications of L-band fade data statistics for LEO mobile systems 36179
DeVile, J. A reservation multiple access scheme for an adaptive TDMA air-interface 45806
DeVile, J.M. A reservation based multiple access scheme for a future Universal Mobile Telecommunications System 22905
Devillers, L. *see* Dugast, C. 36626
Devillers, R. Construction of S-invariants and S-components for refined Petri boxes 18013
Devine, B., Macfarlane, P.W. Detection of electrocardiographic 'left ventricular strain' using neural nets 7451
Devine, J.F. *see* Chu, A. 23441
Devine, R.A.B., Warren, W.L., Shaneyfelt, M.R., Fleetwood, D.M., Aspar, B. Oxide modification due to high temperature processing of $Si/SiO_2/Si$ structures 34645
Devine, R.A.B. *see* Vallier, L. 18278
Devine, R.A.B. *see* Warren, W.L. 34633
Devine, R.A.B. *see* Kanicki, J. *(editor)* 9152
deVirgilio, M.A., Kamimoto, D.K. Practical applications of modern controls for booster autopilot design 39291
Devise, O., Doncarli, C. Dynamic localization of a mobile robot: a data fusion approach for a statistical filtering problem 44823
DeVito, B. *see* Kponou, A. 46821
DeVito, M.S., Conrad, V.B., Tumati, P.R. Trace element sampling and analysis from coal-fired facilities 8128
Devitsin, E.G. *see* Antipov, A.V. 7196
Devitt, J.S., Colbourn, C.J. On implementing an environment for investigating network reliability 30485
Devlin, B.T., Girts, R.D. MD-11 automatic flight system 39183
Devlin, B.T. *see* Wei, T. 2989
Devlin, B.T. *see* Yuce, H.H. 5875
Devlin, G.E. *see* Beyzavi, K. 43644
Devlin-Hill, P.M. Pulse train generation at 209 nm 38763
Devnani, P., Chhalotra, G.P. Reliability assessment and material problem with special reference to pollution hazards 39593
Devolder, J. Precircular codes and periodic biinfinite words 21587
Devoldere, P. *see* DeChiaro, L.F. 43867
Devoldere, P. *see* Orsal, B. 20841
Devore, J., Teggatz, R., Compton, C. A monolithic power integrated circuit utilizing non-volatile memory to increase system flexibility 41674
Devoret, M.H. *see* Cleland, A.N. 23581
Devoret, M.H. *see* Eiles, T.M. 43366
Devoret, M.H. *see* Joyez, P. 43364
Devoret, M.H. *see* Pothier, H. 35269
Devos, F., Zhang, M., Ni, Y., Pone, J.-F. Trimming CMOS smart imager with tunnel-effect nonvolatile analogue memory 6558
Devos, F. *see* Lalanne, P. 4809
Devos, F. *see* Ni, Y. 1347
Devos, F.J. *see* Bernard, T.M. 22267
Devoulon, P., Delon-Martin, C., Le Fur, Y., Sanchou, S., Reutenauer, H., Decorps, M. A highly linear pulse shape modulator for NMR applications 1110
DeVre, M.W. *see* Rzad, S.J. 17415
Devred, A. *see* Akhmetov, A.A. 47533
deVries, G.J. *see* Kwan, J.W. 38828
DeVries, K. *see* Wagner, L.F. 11176
Devroye, L. Generation of random objects 468
Devyatykh, G.G. *see* Anoykin, E.V. 28474
Dew, S.K. *see* Liu, D. 10997
Dew, S.K. *see* Xiang Gui 42747
Dew-Hughes, D. *see* Jenkins, A.P. 22962
Dewa, H. *see* Shirai, T. 15305
Dewa, P.G. *see* Partlo, W.N. 2273
Dewakar, R.K. *see* Chhatwal, H.L. 771
Dewald, N., Hauffe, P., Heiszler, M., Kirschbaum, M., Pohl, W., Chroder, J., Rahe, G., Ritter, H.-J. Business process-oriented data processing [for electric utilities] 16197
DeWalt, S.A. *see* Taylor, E.W. 11711
DeWames, R.E. *see* Williams, G.M. 11844
Dewan, R.M. Design of performance constrained optic fiber multidrop access networks 45929
Dewan, S.B. *see* Jin, H. 8530
Dewan, S.B. *see* Kim, J.M.S. 40328
Dewan, S.B. *see* Wu, B. 8817
Dewe, M.B., Sankar, S., Arrillaga, J. The application of satellite time references to HVDC fault location 25060
Dewe, M.B. *see* Miller, A.J.V. 47481
Deweerdt, B. *see* Schreutelkamp, R.J. 18252
Deweerdt, B. *see* Schreutelkamp, R.J. 19646
Dewey, C.F. *see* Scharpf, W.J., Jr. 3877
Dewey, K.F. *see* Robinson, D.A. 32082
Dewey, R., Sfez, R., Pequet, E., Makowski, P., Raes, S. Design of the TETRA mobile radio air interface protocol 22879
Dewey, R. *see* Sfez, R. 37155
Dewhurst, P. Product design for manufacture: design for disassembly 9206
Dewhurst, R.J., He, R., Qing Shan Defect visualization in carbon fiber composite using laser ultrasound 917
Dewhurst, R.J. *see* Chen, Q.X. 7371
Dewilde, P. Reduction and approximation of linear computational networks 13389
Dewilde, P. *see* Bu, J.C. 14734
Dewilde, P. *see* Van der Veen, A.-J. 26357
Dewing, D. LV busbar trunking—a brief history 47552
Dexheimer, O., King, S., Petitjean, S., Porte, N. A software architecture for scheduling service and network configuration installation 37298
Dexin Xie *see* Xie Dexin
Dexing Qu *see* Qu Dexing
Dexiu, H. *see* Xuefeng, L. 20814
Dexter, J.L. *see* Esman, R.D. 44635
Dexun Xi *see* Xi Dexun
Dey, D.A. Speed/torque considerations for correct textile fiber spinning drives 9045
Dey, D.K. *see* Jaisingh, L.R. 41020
Dey, S., Aanandan, C.K., Mohanan, P., Nair, K.G. Novel wide band printed dipole antenna 29324
Dey, S., Aanandan, C.K., Mohanan, P., Nair, K.G. Analysis of cavity backed printed dipoles 36369
Dey, S., Potkonjak, M., Rothweiler, S.G. Performance optimization of sequential circuits by eliminating retiming bottlenecks 26878
Dey, S., Varshney, P.K. Flow control methodology for virtual-circuit networks 22584
Dey, S. *see* Ashar, P. 26879
Dey, S. *see* Bhattacharya, S. 34028
Dey, S.K. *see* Clark, L.T. 35145
Deych, M.V. *see* Ptashchenko, A.A. 43895
Deye, J.A. *see* Kaye, R.D. 15912
Deying Cheng *see* Cheng Deying
DeYong, M., Eskridge, T., Palmer, A. Complex and emergent behavior from neural network pulse stream filters 10383
DeYong, M., Ramirez-Angulo, J. A hybrid OTA with very wide gain adjustment range 18502
Deyong, M. *see* Beasley, J. 11275
DeYong, M. *see* Ramirez-Angulo, J. 10367
Deyong Chen *see* Chen Deyong
DeYoung, W.A., Chatterjee, A. Fujitsu—NYNEX joint research common broadband management platform 22456
Deyst, J.P. *see* Koch, G.J. 3478
Deyu Li *see* Li Deyu

DeZarn, W.A. *see* Ross, M.A. 31615
Dezert, J., Bar-Shalom, Y. Joint probabilistic data association for autonomous navigation 22025
Dezhong Shen *see* Shen Dezhong
Dezong Wang, Lingqin Wang From plane to space corresponding location and 3-D information acquisition 36801
Dezong Wang, Yingen Xiong, Jinxiang Wang Research of 3D fields using technology of image processing 4990
Dezong Wang *see* Yingen Xiong 7526
Dhadwal, H.S. *see* Noel, E. 13606
Dhaene, T., Olyslager, F., de Zutter, D. Circuit modeling of general hybrid uniform waveguide structures in chiral anisotropic inhomogeneous media 29267
D'Haeyer, J. *see* Bruyland, I. 13779
Dhanak, M.R. Response of a sonar array to turbulent boundary layer noise on a cylinder 16074
Dhananjay, P. *see* Mathur, P. 23076
Dhanasekeran, R. *see* Santhana Raghavan, P. 26435
Dhaouadi, R., Kubo, K., Tobise, M. Analysis and compensation of speed drive systems with torsional loads 8877
Dhaouadi, R., Kubo, K., Tobise, M. Two-degree-of-freedom robust speed controller for high-performance rolling mill drives 33160
Dhar, P., Ganguly, R.C., Das, S., Saha, D. Network interconnection and protocol conversion—a protocol complementation approach 30440
Dhar, S.K. *see* Ovshinsky, S.R. 48332
Dhara, S., Rastogi, A.C., Das, B.K. Direct deposition of highly coercive gamma iron oxide thin films for magnetic recording 18286
Dharani, L., Garrett, R.A. Industry-university collaboration in teaching composite materials 122
Dharma-Wardana, C. *see* Sachrajda, A. 42532
Dharmadasa, I.M., Blomfield, C.J., Gregory, G.E., Haigh, J. Aging effects and Auger depth profiling studies of Sb/n-CdTe contacts 27586
Dharmaraj, V.A. *see* Ghose, K. 41897
Dharmaratna, W.G.D. Effect of dead materials on calorimeter response and Monte Carlo simulation 31706
Dhas, D.Audsin Mohana *see* Audsin Mohana Dhas, D.
Dhaul, A. *see* Kolluri, S.V. 2030
Dhaul, A. *see* Kumar, R. 2025
Dhawan, A.P. *see* Chih-Ho Chao 30131
Dhawan, R.R. *see* Sudarshanam, V.S. 6552
Dhawan, S. *see* Barreh, J. 41919
Dheasuna, C.N. *see* O'Leary, A. 804
Dhekial, R.P., Bilagi, C.S. Endless phase shifter—analysis and design for 7.4 to 7.7 GHz band 27185
Dhekne, R. *see* Hebert, T. 15720
d'Heurle, F.M. *see* Karlin, T.E. 19631
Dhez, P. *see* Zeitoun, P. 43709
Dhillon, A.S., Barbosa, L.O. Integration of multimedia variable bit rate sources over FDDI networks 37437
Dhillon, B.S., Nianfu Yang Human reliability: a literature survey and review 41011
Dhillon, G.S., Sastry, V.V. Solar power in the development of Punjab 16723
Dhingra, J.S., Mehta, R.C., Blankenship, G.L., Sharon, A. Simulation modeling of a trunked radio network 5731
Dhodapkar, S.D. *see* Bhargava, R. 8075
Dhodapkar, S.D. *see* Bhargava, R. 16536
Dhodapkar, S.D. *see* Dixit, P.C. 8074
Dhodapkar, S.D. *see* Subramaniam, K. 16538
Dhodhi, M.K. *see* Ahmad, I. 10037
Dholakia, A., Vouk, M.A., Bitzer, D.L. A lost cell recovery technique using convolutional coding at the ATM adaptation layer in B-ISDN/ATM 45284
Dholakia, K.B. *see* Reuben, B.S. 8152
Dholakia, N. *see* Dholakia, R.R. 37186
Dholakia, R.R., Dholakia, N. Deregulating markets and fast-changing technology: public policy towards telecommunications in a turbulent setting 37186
Dhome, M. *see* Lavest, J.-M. 4801
D'Hooghe, P. *see* Wegener, W. 31129
Dhruvanarayana, L. *see* Ahmad, S.N. 8114
Dhuler, V.R., Mehregany, M., Phillips, S.M. An experimental technique and a model for studying the operation of harmonic side-drive micrometers 25479
Dhuler, V.R., Mehregany, M., Phillips, S.M. A comparative study of bearing designs and operational environments for harmonic side-drive micromotors 25480
Di, X., Glisson, A.W., Michalski, K.A. Analysis of a dielectric resonator antenna in a cylindrical conducting cavity: HEM modes 36383
Di, Y.D. *see* Golz, J. 15038
di Baja, G.Sanniti *see* Sanniti di Baja, G.
Di Barba, P., Savini, A., Arpino, F., Navarra, P. Optimal shape design of a DC torque motor 47919
di Bari, D. *see* Beker, H. 7152
Di Bartolo, B. *see* Kaminskii, A.A. 43761
Di Bartolo, B. *see* Xuesheng Chen 35754
Di Bartolomeo, M. *see* Capra, M. 25300
Di Bernardo, G. *see* Sforza, M. 36177
Di Bisceglie, M. *see* D'Addio, E. 46080
Di Capua, E. *see* Buontempo, S. 31696
Di Carlo, A. *see* Lugli, P. 35601
Di Cataldo, G., Palumbo, G. Current leakage and parasitic capacitance in transient second and triple order Cockcroft-Walton voltage multiplier 9966
Di Cataldo, G., Palumbo, G., Stivala, S. New CMOS current mirrors with improved high-frequency response 1088
di Cecca, S. *see* Le, H.Q. 3624
Di Cesare, A. *see* Pinna, G. 39057
Di Chen *see* Yi Luo 35885
Di Ciaccio, A. *see* Bencze, G.L. 38858
Di Cosimo, G. *see* Asmone, A. 31692
Di Cosimo, G. *see* Asmone, A. 31721
Di Crescenzo, J. *see* Joly, S. 44009
Di Domenico, A. Inverse Compton scattering of thermal radiation at LEP and LEP-200 6957
Di Domenico, A. *see* Asmone, A. 31692
Di Domenico, A. *see* Asmone, A. 31721
Di Donna, G.B., Colombo, R., Piccoli, L., Sartori, S. A compact BCM modem implementation for SDH access radio 14442
Di Fabrizio, E., Grella, L., Luciani, L., Gentili, M., Baciocchi, M., Figliomeni, M., Mastrogiacomo, L., Maggiora, R., Leonard, Q., Cerrina, F., Molino, M., Powderly, D. Metrology of high-resolution resist structures on insulating substrates 27925
Di Fabrizio, E. *see* Gentili, M. 27982
Di Fabrizio, E. *see* Guo, J.Z.Y. 27977
di Fabrizio, E. *see* Krasnoperova, A.A. 31816
Di Fabrizio, E. *see* Luciani, L. 27926
Di Gerlando, A. Design characterization of active magnetic bearings for rotating machines 47825
Di Gerlando, A., Vistoli, I. Improved thermal modelling of induction motors for design purposes 8389
Di Gesu, V. *see* Chiavetta, F. 5097
Di Giacomo, M. *see* Migneco, E. 7144
Di Girolamo, B. *see* Autiero, D. 15630
Di Giulio, A. Urban traffic noise and use of electric vehicles 48210
Di Giulio, M., Manno, D., Micocci, G., Rella, R., Siciliano, P. Growth and characterization of tin oxide thin films prepared by reactive sputtering 9708
Di Guiying *see* Huang Zhiwen 28704
Di Lazzaro, P., Flora, F., Gerardino, A., Letardi, T. The self-injected XeCl excimer laser 11998
Di Lazzaro, P., Giordano, G., Mezi, L., Zheng, C.E. Field uniformity of discharge lasers: electrode profiles and current return path effects 35653
Di Lazzaro, P. *see* Bollanti, S. 24124
Di Lazzaro, P. *see* Bollanti, S. 35937
Di Lazzaro, P. *see* Letardi, T. 20623
Di Lena, G., Peluso, R.I., Piazza, G. Results on the relative perturbation of the singular values of a matrix 33535
Di Lieto, A., Minguzzi, P., Toncelli, A., Tonelli, M., Jenssen, H.P. A diode-laser-pumped tunable Ho:YLF laser in the 2 μm region 35712
Di Lorenzo, E. *see* Macchiarella, G. 19045
Di Luzio, S. *see* Pasquarelli, A. 31829
Di Majo, V. *see* Pihet, P. 47142
di Marco, M., Wang, Q.H., Swanson, J.G. Optoelectronic modulation spectroscopy (OEMS)—a new tool for device investigations 2388
Di Marzio, D. *see* Lee, M.B. 9534
Di Massa, G., Masullo, M.R. Open resonator in the microwave region 7075
Di Massa, G. *see* Bartalucci, S. 7054
Di Mauro, A., Ljubicic, A., Jr., Nappi, E., Paic, G., Piuz, F., Posa, F., Ribeiro, R., Scognetti, T., Vranic, D. Particle identification with a solid photocathode RICH in ALICE at LHC 46917
Di Mauro, A. *see* Bachler, J. 46915
Di Mauro, A. *see* Baechler, J. 46909
Di Meo, J. Current convertor for low-voltage locomotive power 33103
Di Minico, C. Intelligent building: design consideration 7933
Di Natale, C., D'Amico, A., Davide, F.A.M. Redundancy in sensor arrays 6431
Di Natale, C. *see* Davide, F.A.M. 6401
Di Palo, C. *see* Carlomusto, L. 32223
Di Paola, R. *see* Benali, H. 7339
Di Paola, R. *see* Benali, H. 37040
Di Paolo, F. Versatile, active, 2 to 6 GHz bandpass filters 19039
Di Pasquale, F., Hernandez-Figueroa, H.E. Pump controlled all-optical switching by using high-concentration Er^{3+} doped nonlinear waveguides 35964
Di Pasquale, F., Zoboli, M. Analysis of erbium-doped waveguide amplifiers by a full-vectorial finite-element method 43766
Di Pasquale, F. *see* Hernandez-Figueroa, H.E. 36030
Di Pietro, R. *see* Azpiazu, L. 25608
Di Porto, A. *see* Bucci, M. 44651
Di Porto, A. *see* Gong, G. 44649
Di Porto, A. *see* Gong, G. 44650
Di Renzo, N. *see* Dorr, C. 24322
Di Rosa, P. *see* De Cesare, G. 31298
Di Rosa, P. *see* de Cesare, G. 31312
di Salvatore, F., Grattieri, W., Insinga, F., Malafarina, L., Mazzoni, M., Nicola, G. Computer aided planning of distribution systems and connection with medium term load forecast 24874
di Scampamorte, M.Lubrano *see* Lubrano di Scampamorte, M.
di Stasio, S., Cutolo, A. Influence of the pulse instabilities on the optimization criteria of a fiber compressor 3014
Di Stefano, A. *see* Cavalieri, S. 22639
Di Stefano, A. *see* Cavalieri, S. 30173
Di Stefano, A. *see* Cavalieri, S. 37484
Di Stefano, L., Cinotti, T.S., Vogni, M. Detecting circular objects in digital pictures for automatic inspection and robotic applications 13732
Di Stefano, R., Marino, P., Rossi, C., Scarano, M. Anti-skidding device with multiprocessor system for electrical traction drive 48317
Di Trapani, P. *see* Banfi, G.P. 3775
Di Trapani, P. *see* Banfi, G.P. 3779
Di Trapani, P. *see* Danielius, R. 20985
di Uccio, U.Scotti *see* Scotti di Uccio, U.
Di Virgilio, A. *see* Antonelli, A. 24054
Di Vita, P. *see* Braglia, M. 20741
Di Vita, P. *see* Costa, B. 23057
di Vito, A., Galati, G., Mura, R. Analysis and comparison of two order statistics CFAR systems 46060
Di Zenzo, S. Decomposing a plane figure into lines and nodes 22125
Di Zenzo, S., Burgess, N., Ferragina, P., Granieri, M.N. Recognition by constructive neural algorithms 22132
Di Zhang, Okuyama, R., Nomura, E., Matsumaru, Y. Corrosion behaviour of aluminium in molten sodium 25648
Dia, R. *see* Lai, R. 27284
Dia, R.M. *see* Lo, D.C.W. 1638
Dia, R.M. *see* Pospieszalski, M.W. 1528
Diab, C. *see* Akrout, N. 13802
Diaconescu, I., Gabor, M. Transistor generator for the magnetostrictive transducer excitation 39425
Diaconescu, M., Toderas, E., Musi, D., Katonax, L. High temperature ceramic conductors and insulators for linear channel of the MHD-03 facility 25799
Diaconescu, M. *see* Dogaru, I. 25764
Diacre, J.L., De Villepin, M. Public radiopaging 14456
Diaczenko, N. *see* David, A. 31691
Diall, B. Fast-response motors 25454
Diamantaras, K., Chihoub, A., Zawadski, A. Scalable architectures for image processing 45227
Diambrini Palazzi, G. *see* Asmone, A. 31692
Diambrini Palazzi, G. *see* Asmone, A. 31721
Diamessis, J.E. *see* Angelidis, E. 42075
Diamond, S., Pepper, S. Decode dynamic range in time/frequency-domain analyzers 23855
Dianfu Qie *see* Qie Dianfu
Diangou Li *see* Li Diangou
Dianguo Li *see* Li Dianguo
Diani, M., Bischoff, J.L., Kubler, L., Bolmont, D. X-ray photoelectron diffraction observation of β-SiC(001) obtained by electron cyclotron resonance plasma assisted growth on Si(001) 807
Diankov, G.L., Uzunov, I.M., Lederer, F. Effect of third-order dispersion on pulse dynamics in nonlinear directional coupler 28991
Dianov, E.M., Kornienko, L.S., Rybaltovsky, A.O., Chernov, P.V., Yatsenko, Yu.P. Photoinduced second-harmonic generation in fibers doped with rare-earth ions 44135
Dianov, E.M., Korobkin, D.V., Jr., Semenov, V.A. Pump power dependence of anomalous time delay in Er^{3+} doped optical fibres 28805
Dianov, E.M., Korobkin, D.V., Jr., Semenov, V.A. Dispersion properties of Er^{3+} and Yb^{3+} doped fibres 35352
Dianov, E.M. *see* Abramov, A.A. 11609
Dianov, E.M. *see* Anoykin, E.V. 28474
Dianov, E.M. *see* Belov, A.V. 35353
Dianov, E.M. *see* Belov, A.V. 38002
Dianov, E.M. *see* Belov, A.V. 38006
Dianov, E.M. *see* Bubnov, M.M. 3064
Dianov, E.M. *see* Buritskii, K.S. 3132
Dianov, E.M. *see* Khrushchev, I.Yu. 28799
Dianzhao Sun *see* Chunhui Yan 42523
Diao Fengqong *see* Li Yunqing 18302
Diao Hongwei *see* Xiong Hua 33021
Dias, J., de Araujo, H., Batista, J., de Almeida, A. Stereo and focus to improve depth perception 13695
Dias, L.E.N. *see* Vaisman, R. 24939
Dias, L.G. *see* Butler, K.L. 24625
Dias, L.G. *see* Momoh, J.A. 24930
Dias, M.F. *see* Elktabe, M.M. 9018
Dias, M.S. *see* Carbonari, A.W. 10806
Dias, V.F. *see* Liberali, V. 18831
Diaspro, A., Parodi, G., Zunino, R. A performance analysis of an associative system for image classification 5098
Diaz, A. *see* Perez-Castellanos, M. 18753
Diaz, A. *see* Rodellar, V. 18597
Diaz, A.F. *see* Nguyen, M.T. 33765
Diaz, C., Sung-Mo Kang, Duvvury, C., Wagner, L. Electrical overstress (EOS) power profiles: a guideline to qualify EOS hardness of semiconductor devices 28258

Diaz, C.H., Sung-Mo Kang, Duvvury, C. Circuit-level electrothermal simulation of electrical overstress failures in advanced MOS I/O protection devices 43128
Diaz, C.S. *see* Breijo, E.G. 18438
Diaz, J., Eliashevich, I., Mobarhan, K., Kolev, E., Wang, L.J., Garbuzov, D.Z., Razeghi, M. InGaP/InGaAsP/GaAs 0.808 μm separate confinement laser diodes grown by metalorganic chemical vapor deposition 43923
Diaz, J., Queiruga, C.A., Maria, C.C., Schiavoni, A. An experience extending the hypermedia model for training porposes 33268
Diaz, J. *see* Alonso, J.M. 17588
Diaz, J. *see* Casas, R. 514
Diaz, J.C. *see* Rodellar, V. 18597
Diaz, J.E. *see* Segura, J.C. 12992
Diaz, M. *see* Amer, P.D. 13901
Diaz, R.E. On the sharpest possible pulse that a finite radiator can generate 44469
Diaz, R.E. *see* Alexopoulos, N.G. 42241
Diaz, R.E. *see* Alexopoulos, N.G. 43138
Diaz, S. *see* Iglesias, A. 11472
Diaz de la Iglesia, R. Service-affecting optoelectronic failures in FITL systems: downtime, repair actions, and maintenance expenses 45681
Diaz Nava, M., Bulone, J., Belot, D., Dugoujon, L. A 622 Mb/s line terminator for the ATM network 30584
Dib, N., Gupta, M., Ponchak, G., Katehi, L. Effects of ground equalization on the electrical performance of asymmetric CPW shunt stubs 1625
Dib, N.I., Gupta, M., Ponchak, G.E., Katehi, L.P.B. Characterization of asymmetric coplanar waveguide discontinuities 21349
Dib, N.I., Harokopus, W.P., Jr., Ponchak, G.E., Katehi, L.P.B. A comparative study between shielded and open coplanar waveguide discontinuities 10392
Dib, N.I., Katehi, L.P.B. Analysis of the transition from rectangular waveguide to shielded dielectric image guide using the finite-difference time-domain method 4215
Dib, N.I. *see* Rautio, J.C. 21377
Dibbo, A. Measuring marketing performance 26127
Dibello, G.N. *see* Eisenberg, J.H. 34754
Dibello, G.W. *see* Joshi, R.V. 2220
DiBitonto, D., Pennington, T., Subhani, K., Ambrosi, G., Biasini, M., Babucci, E., Battiston, R., Easo, S., Krastev, V., Pauluzzi, M., Santocchia, A., Burger, W.J., Matay, G. Ultra-thin, high-precision flex cable for the L3 Silicon Microvertex Detector 31722
Dibold, H. *see* Capellmann, C. 22676
Dibuz, S. A frame-based approach to conformance testing 22346
DiCarlo, L.A. *see* Chiang, C.J. 24307
DiCarlo, L.A. *see* Jenkins, J.M. 24305
DiCarlo, L.A. *see* Silka, M.J. 24281
Dich, M., Ostergaard, A., Gothelf, U. A network model for the aperture coupled microstrip patch 21406
Dick, A.J. UK experience with the commercial implementation of solid-state meters 8020
Dick, C.E. *see* Humphreys, J.C. 23967
Dick, D. *see* Roullier, T. 10024
Dick, G.J. Microwave oscillators for superior short term stability and ultra-low phase noise 19052
Dick, G.J. *see* Hamell, R.L. 23398
Dick, G.J. *see* Prestage, J.D. 23381
Dick, G.J. *see* Santiago, D.G. 19050
Dick, G.J. *see* Santiago, D.G. 34224
Dick, G.J. *see* Wang, R.T. 23396
Dick, G.L. *see* Boyle, W.J.O. 15822
Dick, J.H. *see* Dislis, C. 43037
Dick, M.I. *see* Samardjiev, T. 4096
Dickens, B. *see* DeReggi, A.S. 43137
Dickens, J.K. Physics of neutron production at the Oak Ridge electron linear accelerator 31539
Dickens, L.E. *see* Gipprich, J.W. 1610
Dicker, S.J. Case study expert system based electricity distribution SCADA alarm monitor 32234
Dickert, F.L., Baumler, U.P.A., Zwissler, G.K. Supramolecular structures and chemical sensing 31331
Dickert, F.L., Haunschild, A. Sensor materials for solvent vapor detection—donor-acceptor and host-guest interactions 46383
Dickey, F.M. *see* Yee, M. 30108
Dickey, S.A., McCormick, T., Majerfeld, A. Achievement of the resolution limit of electron beam lithography on thick GaAs substrates 2304
Dickey, T.D., Douglass, R.H., Manov, D., Bogucki, D., Walker, P.C., Petrelis, F. An experiment in two-way communication with a multivariable moored system in coastal waters 7636
Dickhaus, H. *see* Khadra, L. 39043
Dickinson, A., Hatamian, M., Rao, S. A fast pipelined CMOS SRAM 26934
Dickinson, B. *see* Findlay, P. 41754
Dickinson, B. *see* Swan, D.H. 40621
Dickinson, B.W. *see* Jungwoo Lee 29962
Dickinson, E.J. *see* Kamwa, I. 24607
Dickinson, E.J. *see* Kamwa, I. 40132
Dickinson, I. Model-based reasoning in analytical instrumentation 6309
Dickinson, W. Looking into real-time 41967
Dickmander, D.L., Lee, S.Y., Desilets, G.L., Granger, M. AC/DC harmonic interactions in the presence of GIC for the Quebec-New England Phase II HVDC transmission 47459
Dickmann, J. *see* Bahl, S.R. 28187
Dickmann, J. *see* Kosslowski, S. 19144
Dickmanns, E.D., Crowley, J.L. Historical development of use of dynamical models for the representation of knowledge about real world processes in machine vision [and reply] 45104
Dickson, A.M., Tucker, R.S. Effects of optical device characteristics on fibre loop memory design and operation 35399
Dickson, B. *see* Waters, R. 36081
Dickson, D. *see* Edwards, R.N. 21447
Dickson, D.P.E. *see* Sankaranarayanan, V.K. 35227
Dickson, M.H., Fanelli, M. Geothermal electric power in the world from 1980 to the year 2000 39712
Dickstein, P.A., Spelt, J.K., Sinclair, A.N., Leibovitch, H., Girshovich, S. Ultrasonic evaluation of the degradation of composite adhesive joints 9831
DiCrescenzo, J. *see* Guimbal, P. 43975
Dideikin, A.T. *see* Vul', A.Ya. 15008
Didelet, E., Dubuisson, B. A diagnostic system for the French long distance network using neural trees and a rule-based system 22479
Didenko, A.N. On the possibility to build the FEL using relativistic particles moving through crossed field media 3699
Didenko, P.I. *see* Lisovskii, I.P. 42590
Diderich, C.G. A bibliography on minimax trees 18042
Didriksson, B. *see* Hagfeldt, A. 33025
Didyk, L.S. Correction of the zonal properties of a bolometric wide-aperture power monitoring sensor for technological lasers 31223
Didyk, L.S. *see* Vtorov, E.P. 29583
Didyk, S.L. *see* Vtorov, E.P. 29583
Die, A.van *see* van Die, A.
Diebel, J. *see* Dietrich, T.R. 26530
Diebold, D.A., Hershkowitz, N., DeKock, J.R., Intrator, T.P., Lee, S.-G., Hsieh, M.-K. Space charge enhanced, plasma gradient induced error in satellite electric field measurements 32085
Diechi Sun *see* Sun Diechi
Dieckmann, A. FMCW-LIDAR with tunable twin-guide laser diode 38168
Dieckmann, M., Harms, H.-H., Hollander, C. Development of a measurement data recording and control system for mobile applications 31128
Diederich, C.J., Stauffer, P.R. An assessment of the deep heating capabilities of a rotating multi-transducer ultrasound hyperthermia system 15900
Diederichs, J.R. *see* Bartz, M. 23483
Diegert, C., Sanders, J.A., Orrison, W.W., Jr. Practical, computer-aided registration of multiple, three-dimensional, magnetic-resonance observations of the human brain 31848
Diegoli, C. *see* Attaianese, C. 40297
Dieguez, E. *see* Sochinskii, N.V. 33631
Diehl, E. *see* Frank, H.-P. 42626
Diehl, G.R. Simplified control system provides ease in troubleshooting 8715
Diehl, G.R. *see* Gilbert, J.G. 48032
Diehl, N. Mobile users in the industrial environment 30491
Diehl, R. *see* Schonfelder, V. 7146
Dieker, C. *see* Bangert, U. 43870
Dieker, C. *see* Jebasinski, R. 10880
Dieker, C. *see* Muller, O. 19411
Dieker, C. *see* Vescan, L. 41338
Dieker, Ch. *see* Forster, A. 19746
Dieker, Ch. *see* Radermacher, K. 2079
Diekmann, V. *see* Becker, W. 31878
Diel, W., Schemmann, B., Meinzer, G., Metzger, E. Joining earth connection compensation coils in medium-voltage networks 8669
Dieleman, P. *see* Dierichs, M.M.Th.M. 35264
Diels, J.-C.M. *see* Dennis, M.L. 44011
Diem, D. Wireless data and minimum airtime software 14373
Diemeer, M.B.J., Suyten, F.M.M., Hendriksen, B. Integrated optical components using special effects in NLO-polymers 3125
Diemeer, M.B.J. *see* Suyten, F.M.M. 44128
Dien, Y., Kasbi, C., Montmayeul, R., Beltranda, G. Ergonomic evaluation in the design of future control rooms 39758
Dien, Y., Llory, M., Montmayeul, R. Operator's knowledge, skill and know-how during the use of emergency procedures: design, training and cultural aspects 39692
Diener, W.A. *see* Audoin, C. 23386
Diener, W.A. *see* Hamell, R.L. 23398
Dienes, A. *see* Delfyett, P.J. 43818
Dienes, M., Month, M., Turner, S. *(editors)* Frontiers of Particle Beams: Intensity Limitations. Proceedings of a Topical Course 26092
Dienhart, H., Siegel, A. Hydrogen storage in isolated electrical energy systems with photovoltaic and wind energy 16719
Dienot, J. *see* Parra, T. 1643
Dienot, J.-M., Plana, R., Gayral, M., Graffeuil, J. Pulsed *I-V* characterization and noise measurements for an accurate HBT large-signal model 34914
Dierauer, P. *see* Parriaux, O. 43508
Dierberger, K. Gate drive design for large die MOSFETs 26689
Dierberger, K., Crafham, D. Design of a 3000 Watt single MOSFET power factor correction circuit 47967
Dierendonck, A.J.van *see* van Dierendonck, A.J.
Dierichs, M.M.Th.M., Dieleman, P., Wezelman, J.J., Honingh, C.E., Klapwijk, T.M. Photon-assisted tunneling in double-barrier superconducting tunnel junctions 35264
Dierichs, M.M.T.M. *see* Honingh, C.E. 2885
Dierickx, B., Wouters, D., Willems, G., Alaerts, A., Debusschere, I., Simoen, E., Vlummens, J., Akimoto, H., Claeys, C., Maes, H., Hermans, L., Heijne, E.H.M., Jarron, P., Anghinolfi, F., Campbell, M., Pengg, F.X., Aspell, P., Bosisio, L., Focardi, E., Forti, F., Kashigin, S., Mekkaoui, A., Habrard, M.C., Sauvage, D., Delpierre, P. Integration of CMOS-electronics and particle detector diodes in high-resistivity silicon-on-insulator wafers 24001
Dierickx, B. *see* Simoen, E. 19816
Diersing, R.J. Characterization of the PACSAT file broadcast system 45886
Diesenroth, H., Trabert, C. Avoidance of overvoltages in pulse invertor drives 8874
Diesner, K. *see* Fearheiley, M.L. 642
Diest, M.Van *see* Van Diest, M.
Diesta, R.F. *see* Eleazu, C.O. 14496
Diete, W. *see* Reschke, D. 15509
Diethelm, R., Honegger, K. Status of the SULZER HEXIS SOFC stack and system development 17288
Dietl, T. *see* Glod, P. 42408
Dietl, T. *see* Kilger, M. 36886
Dietmayer, K., Kruger, K. Method for contactless measurement of plane motions using a CCD-camera 31125
Dietrich, B. *see* Osten, H.J. 41311
Dietrich, D., Fruhauf, J. Computer simulation of the development of dish-shaped deepenings by orientation-dependent etching of {100} silicon 19566
Dietrich, F.M. *see* Feero, W.E. 38652
Dietrich, H. *see* Tadayon, B. 1853
Dietrich, H.B. *see* Boos, J.B. 1554
Dietrich, H.B. *see* Fatemi, M. 741
Dietrich, H.B. *see* Molnar, B. 19506
Dietrich, H.P. *see* Vettiger, P. 3641
Dietrich, J., Bojowald, J., Bongardt, K., Doering, K., Dolfus, N., Hacker, U., Labus, H., Lawin, H., Luerken, G., Maier, R., Stockhorst, H., Zumloh, A., Witt, J.-D. Beam diagnostics at COSY-Julich 7097
Dietrich, J. *see* Biri, J. 46996
Dietrich, K.-G. *see* Boggasch, E. 7018
Dietrich, K.-G. *see* Tauschwitz, A. 7017
Dietrich, P. *see* Helgeson, M. 39224
Dietrich, P. *see* Peczalski, A. 39227
Dietrich, T.R., Abraham, M., Diebel, J., Lacher, M., Ruf, A. Photoetchable glass for microsystems: tips for atomic force microscopy 26530
Dietrich, W.C., Jr. *see* Giles, M.D. 28245
Dietsche, S., Duvanaud, C., Pataut, G., Obregon, J. Design of high power-added efficiency FET amplifiers operating with very low drain bias voltages for use in mobile telephones at 1.7 GHz 30625
Dietterich, T.G., Bakiri, G. Error-correcting output codes: a general method for improving multiclass inductive learning programs 4380
Dietz, C. *see* Gary, S. 41931
Dietz, C. *see* Poursepanj, A. 41932
Dietz, D. *see* Cho, S.M. 16636
Dietz, E. *see* Alberts, W.G. 39126
Dietz, G. *see* Fudem, H. 10499
Dietz, H., Niepraschk, H., Wiesener, K., Garche, J., Bauer, J. Premature capacity loss in lead/acid batteries with antimony-free grids during cycling under constant-voltage-charging conditions. 1. Characterization and causes of the phenomenon 17214
Dietz, M. *see* Lamparter, H. 23260
Dietz, N. *see* Kelliher, J.T. 18189
Dietz, P.H., Carley, L.R. Simple networks for pixel plane median filtering 34158
Dietzsch, O. *see* Metlay, M.P. 7294
Dieudonne, J.-M. *see* Guttich, U. 1623
Diez del Rio, L., Garcia Gomez, R. Adaptive predictors for carrier jitter suppression in highly efficient digital modems 22709
Diez-Aja, J. *see* Alvarez, J.A. 9827
Diffie, W. *see* Aziz, A. 37455
DiFrancesco, L. Particle interconnect: a new interconnect technology 34451
DiFrancesco, L., Reynolds, C. Socketing chip-on-board to a multichip module using Particle Interconnect 9265
DiFrancesco, L. *see* Reynolds, C. 9272
DiFrancesco, L. *see* Reynolds, C.V. 33380
Digalakis, V., Rohlicek, J.R., Ostendorf, M. ML estimation of a stochastic linear system with the EM algorithm and its application to speech recognition 44760
Digby, W.M. *see* Moses, W.W. 15732

Diggavi, S.N., Shynk, J.J., Engel, I., Bershad, N.J. On the convergence behavior of Rosenblatt's perceptron learning algorithm 29606
Diggelmann, U. *see* Abplanalp, M. 24046
Diggins, J., Ralph, J.F., Spiller, T.P., Clark, T.D., Prance, H., Prance, R.J. Chaotic dynamics in the RF superconducting quantum-interference-device magnetometer: a coupled quantum-classical system 46397
Diggins, J. *see* Prance, H. 20205
Diggs, B. *see* Crain, J.C. 5612
DiGiovanni, D.J., Wysocki, P.F., Simpson, J.R. Tailor fibre design to optimize amplifier performance 20744
DiGiovanni, D.J. *see* Delavaux, J.-M.P. 3508
DiGiovanni, D.J. *see* Delavaux, J.-M.P. 3518
DiGiovanni, D.J. *see* Delavaux, J.-M.P. 30850
DiGiovanni, D.J. *see* Delavaux, J.-M.P. 35764
DiGiovanni, D.J. *see* Fischer, B. 3560
DiGiovanni, D.J. *see* Fischer, B. 20749
DiGiovanni, D.J. *see* Giles, C.R. 3504
DiGiovanni, D.J. *see* Islam, M.N. 12352
DiGiovanni, D.J. *see* Krol, D.M. 3770
DiGiovanni, D.J. *see* Lee, J.S. 45991
DiGiovanni, D.J. *see* Mizrahi, V. 3023
DiGiovanni, D.J. *see* Mizrahi, V. 45946
DiGiovanni, D.J. *see* Nykolak, G. 11650
DiGiovanni, D.J. *see* Smart, R.G. 3514
DiGiovanni, D.J. *see* Smart, R.G. 30718
DiGiovanni, D.J. *see* Wagener, J.L. 3503
DiGiovanni, D.J. *see* Wagener, J.L. 12082
DiGiulio, E. *see* Richards, D. 45266
DiGiulio, E. *see* Richards, D. 46195
Dignam, M.M. *see* Wegscheider, W. 12250
Digonnet, M.J.F. *see* Liu, A.C. 43548
Digonnet, M.J.F. *see* Pantell, R.H. 21007
Digonnet, M.J.F. *see* Pantell, R.H. 35409
Digonnet, M.J.F. *see* Sadowski, R.W. 3785
Digonnet, M.J.F. *see* Wagener, J.L. 3503
Digonnet, M.J.F. *see* Wagener, J.L. 12082
Digonnet, M.J.F. *see* Wagener, J.L. 35762
Digout, R. *see* Nallino, M. 448
Digumarthi, R.V. *see* Eggers, A.J., Jr. 8253
Dijaili, S.P. *see* Deri, R.J. 43502
Dijaili, S.P. *see* Sauer, J.R. 43587
Dijamatovic, Y. *see* Aguet, M. 48215
Dijie He *see* He Dijie
Dijk, G.M.van *see* van Dijk, G.M.
Dijk, J. *see* Brussaard, G. 29183
Dijk, J. *see* de Maagt, P.J.I. 21238
Dijk, N.M.van *see* van Dijk, N.M.
Dijk, W. *see* Maagt, P.J.I. 12596
Dijkerman, R., Badrinath, V., Mazumdar, R.R. Multi-scale representation of stochastic processes using compactly supported wavelets 13331
Dijkhuis, J.I. *see* Liefrink, F. 19361
Dijkhuis, J.I. *see* Liefrink, F. 19362
Dijkhuizen, J.van *see* van Dijkhuizen, J.
Dijkstra, E. *see* Pardoen, M. 46191
Dijkstra, H.J., Juffermans, C.A.H. Optimization of anti-reflection layers for deep UV lithography 2329
Dijkstra, H.J. *see* Funhoff, D.J.H. 11050
Dijkstra, H.J. *see* Juffermans, C.A.H. 11012
Dijkstra, H.J. *see* Zandbergen, P. 28042
Dijkstra, J. *see* Reuhman-Huisken, M. 28015
Dijkstra, S., Owen, F. The case for DECT 37365
Dikansky, N.S., Mikhailichenko, A.A. Straightline cooling system for obtaining beams of electrons and positrons with minimal emittance 7068
Dikansky, N.S. *see* Aleksandrov, A.V. 7142
Dikansky, N.S. *see* Aleksandrov, A.V. 31655
Dikansky, N.S. *see* Alinovsky, N.I. 15330
Dike, C., Ostler, F. A Futurebus+ central arbiter based on pairwise mutual exclusion 10142
Dike, R.S.U. Physical phenomena and limitations in submicrometer MOSFETs 43126
Dikidzhi, A.N. *see* Abramson, I.V. 20089
Dikmarova, L.P., Mizyuk, L.Ya. Performance analysis of gradient-leakage current meters for underground pipelines 46421
Dikmen, C.T., Dogan, N.S., Osman, M.A. DC modeling and characterization of AlGaAs/GaAs heterojunction bipolar transistors for high-temperature applications 42888
Dikoussar, N.D. Adaptive projective filters for track finding 38903
Diks, K. *see* Chlebus, B.S. 22588
Dikshtein, I.E., Mal'tsev, O.A. Nucleation of a domain structure in inhomogeneously deformed iron garnet films during an orientational phase transition 28364
Dikta, G. A note on the rate of convergence of the bootstrap 18055
Dikusar, A.I. *see* Molin, A.N. 33673
Dikusar, A.I. *see* Molin, A.N. 33674
DiLaura, D.L., Franck, P.J. On setting up and solving large radiative transfer systems 17602
Dilday, J.L. *see* Keusseyan, R.L. 19238
Dilday, J.L. *see* Keusseyan, R.L. 19253
Dilday, J.L. *see* Keusseyan, R.L. 34423
Dilday, J.L. *see* Keusseyan, R.L. 40634
Dilger, M. *see* Eberl, K. 41341
Dilhaire, S. *see* Claeys, W. 6492
Dilhaire, S. *see* Claeys, W. 19670
Dilhaire, S. *see* Claeys, W. 43058
Dilhan, M., Martinez, D., Jaffrezic, N. Chemical micro-sensors 46418
Dili Zhang, Nomura, Y., Seizo Fujii A simple and accurate camera calibration method 6589
Diling Shao *see* Shao Diling
Dill, C., III *see* Zayhowski, J.J. 28789
Dill, D.L. *see* Burch, J.R. 41848
Dill, D.L. *see* Dean, M.E. 41872
Dill, D.L. *see* Hu, A.J. 45358
Dill, D.L. *see* Ip, C.N. 5242
Dill, D.L. *see* Nowick, S.M. 10035
Dill, D.L. *see* Nowick, S.M. 26890
Dill, D.L. *see* Yun, K.Y. 26884
Dill, P. *see* Zurfluh, E.A. 5466
Dill, R., Ruppel, C., Anemogiannis, K., Kappacher, C., Riha, G. Surface acoustic wave (SAW) filters for mobile communication systems 30630
Dill, R. *see* Ruppel, C.C.W. 11421
Dill, R. *see* Scholl, G. 2766
Dillard, A.G. *see* Reinhardt, B.A. 21025
Dillard, W.C. *see* Tomana, M. 18508
Dillenbeck, K. Liquid purity 10796
Dillenbeck, K. *see* Hackett, T. 1996
Dillenbeck, K. *see* Heyns, M.M. 34701
Dillery, D.S. *see* Bialecki, B. 33517
Dilley, S.J. *see* Narayanan, S. 17820
Dillier, N., Bogli, H., Spillman, T. Speech discrimination via cochlear implants with two different digital speech processing strategies: preliminary results for 7 patients 24361
Dilling, D.A. *see* Williams, P.M. 47691
Dillmann, C.W. *see* Omoto, A. 16525
Dillmann, M. *see* Motzkus, M. 12343
Dillon, A.C. *see* Coon, P.A. 41490
Dillon, B.M., Gibson, A.A.P. Phase shift calculations in axially-magnetized ferrites using the finite element method 1431
Dillon, B.M., Gibson, A.A.P. Applied field/frequency dependency of propagation in axially magnetized ferrite waveguides 44539
Dillon, B.M., Webb, J.P. A comparison of formulations for the vector finite element analysis of waveguides 44534
Dillon, M.B., Gibson, A.A.P., Webb, J.P. Cut-off and phase constants of partially filled axially magnetized, gyromagnetic waveguides using finite elements 4217
Dillon, T. *see* Khosla, R. 24804
Dillon, T.S. *see* Karla, D. 24832
Dillon, T.S. *see* Khosla, R. 24664
Dillon, T.S. *see* Xiaobo Li 45361
Dillon, T.S. *(editor)* Expert System Application to Power Systems IV Proceedings 17702
Dilsavor, R.L., Moses, R.L. A polarimetric generalized likelihood ratio detector for scattering centers in K-distributed clutter 23141
Dilwali, S. *see* Soundra Pandian, G. 23073
Dilworth, I.J., Kassidas, P., Woodruff, J. Bistatic millimetre wave radar system & preliminary observations of millimetre wave rainfall, fog and snow scatter and Doppler shift 38156
Dimakov, S.A. *see* Ageichik, A.A. 11956
Dimakov, S.A. *see* Sherstobitov, V.E. 21056
Dimarcq, N., Latrasse, C., de Labachelerie, M. SC laser sources with continuously varying spectral linewidths 28837
Dimaria, D.J. *see* Marwick, A.D. 19448
DiMarzio, C.A. *see* Olsen, D.L. 38975
DiMauro, A., Ljubicic, A., Jr., Nappi, E., Paic, G., Piuz, F., Posa, F., Ribeiro, R., Scognetti, T. A RICH detector as particle identification detector in ALICE 31744
DiMauro, A., Ljubicic, A., Jr., Nappi, E., Paic, G., Piuz, F., Posa, F., Ribeiro, R., Scognetti, T. A fast RICH detector for particle identification in ALICE at LHC 46939
DiMauro, A. *see* Braem, A. 46902
Dimauro, G., Impedovo, S., Pirlo, G. A new thinning algorithm based on controlled deletion of edge regions 45192
Dimitriadis, A., Fraser, A.M. Modeling double scroll time series 29661
Dimitriadis, C.M. *see* Lygouras, J.N. 46109
Dimitrijev, S., Harrison, H.B. New silicon device structures: a quantum leap in microelectronics development 43108
Dimitrijev, S. *see* Harrison, H.B. 2176
Dimitrijev, S. *see* Harrison, H.B. 2177
Dimitrijev, S. *see* Stamenkovic, Z. 9321
Dimitrijevic, D. *see* Conway, A.E. 45345
Dimitrijevic, D.D., Vucetic, J. Design and performance analysis of the algorithms for channel allocation in cellular networks 22843
Dimitrijevic, D.D., Vucetic, J.F. Design and performance analysis of algorithms for channel allocation in cellular networks 45811
Dimitriou, N. *see* Adam, W. 7259
Dimitriou, N. *see* Adam, W. 31715
Dimitriou, N. *see* Adam, W. 46929
Dimitropoulos, C.H., Boyce, J.F. Application of neural nets to seismic signal analysis 47237
Dimitrov, D.B. Low-power single FET frequency-response magnetometer 14942
Dimitrov, D.B. *see* Beshkov, G. 9765
Dimitrov, D.B. *see* Beshkov, G. 33671
Dimitrov, M.K., Pavlov, D. Location of the phenomena of premature capacity loss during cycling of lead/acid batteries with lead grids 17215
Dimitrov, V.S., Cooklev, T.V., Donevsky, B.D. Generalized Fermat-Mersenne number theoretic transform 41227
Dimitrova, T. *see* Atanassova, E. 15111
Dimolitsas, S. Characterization of low-rate digital voice coder performance with non-voice signals 4462
Dimolitsas, S. Standardizing speech-coding technology for network applications 21649
Dimolitsas, S., Corcoran, F.L., Baraniecki, M., Phipps, J.G., Jr. Non-voice performance of the 16 kbit/s LD-CELP algorithm 4463
Dimolitsas, S., Corcoran, F.L., Phipps, J.G., Jr., Baraniecki, M. Estimation of digital low-rate encoded voice link performance from instrumental measurements 14068
Dimopoulos, K.Z. *see* Papaioannou, D.A. 10984
Dimos, D., Schwartz, R.W. Electrooptic properties of PZT thin films for image storage applications 11411
Dimos, D. *see* Schwartz, R.W. 28308
Dimoulas, A., Zekentes, K., Androulidaki, M., Kornelios, N., Michelakis, C., Hatzopoulos, Z. Degenerate electron gas effects in the modulation spectroscopy of pseudomorphic $Al_{0.32}Ga_{0.68}As/In_{0.15}Ga_{0.85}As/GaAs$ high electron mobility transistor structures 2567
Dimoulas, A. *see* Georgakilas, A. 740
Dimov, S.S. Dynamical behaviour and harmonic generation of a 946-nm pulsed, flashlamp-pumped Nd:YAG laser 3578
Dimova, E.V., Dakovska, S.D., Pashev, I.M. PC-based workstation in a data acquisition and data processing system 23469
Dimova, R., Khristov, V. A method of increasing the carrying capacity of digital line channels 12920
Dimova-Malinovska, D. *see* Tsvetkova, T. 27661
Din, A.M.Shams El *see* Shams El Din, A.M.
Din, A.S.Zein El *see* Zein El Din, A.S.
Din, K.S. *see* Chen, C.P. 10975
Din Kuen-Sane *see* Kuen-Sane Din
Din-Chang Tseng *see* Zen Chen 22027
Dinca, M.P. *see* Lupei, V. 28755
Dincer, M.S., Aydin, T. Simulation of limiting field behavior in electron swarms in SF_6+N_2 gas mixtures 43172
Dindo, S., Ney, M. Two-dimensional transmission line matrix (TLM) simulation of the electromagnetic fields in a rectangular section of a discretized GaAs MESFET channel with arbitrary doping profile 1532
Diner, D.B. Monocular TV vs stereo TV for solar maximum satellite repair subtasks 39141
Diner, D.J. *see* Bruegge, C.J. 24463
Dinesh, B.V. *see* Biswas, D.C. 38861
Dinesh Prakash Mital *see* Lee Chong Yee 9239
Dineur, A. A process model for service creation 37556
Ding, C. *see* Beth, T. 29483
Ding, C.-L., Ho, C.-Y., Irwin, M.J. A new optimization driven clustering algorithm for large circuits 18406
Ding, F. *see* Xie, X.M. 25223
Ding, J., Liu, Y., Street, R., McCormick, P.G. High magnetic performance in isotropic α-$Fe+Sm_2Fe_{17}N_x$ 28391
Ding, J., Nurmikko, A.V., Grillo, D.C., Li He, Han, J., Gunshor, R.L. Photoluminescence in ZnSe-based quantum well wire structures 3322
Ding, J. *see* Hovinen, M. 12219
Ding, J. *see* Krodkiewski, J.M. 40083
Ding, J. *see* Salokatve, A. 20767
Ding, J. *see* Xie, W. 9536
Ding, J.M., Dai, X.J. Control of AC/multiterminal DC power systems by differential geometric approach 16231
Ding, K. *see* Zhang, X. 10770
Ding, L. *see* Tanaka, K. 17616
Ding, M.-J. *see* Huang, J.-H. 14136
Ding, P.J., Zheng, B., Eisenbraun, E.T., Lanford, W.A., Kaloyeros, A.E., Hymes, S., Murarka, S.P. Observation of reduced oxidation rates for plasma-assisted CVD copper films 34841
Ding, T.N. *see* Cui, Y. 20658
Ding, X. *see* Frank, P.M. 8825
Ding, X.M. *see* He, Z.Q. 18206
Ding, Y. *see* Cong, J. 26858
Ding, Y. *see* Eichler, H.J. 3745
Ding, Y.P. *see* Ma, Y.X. 16891
Ding, Y.W. *see* Swanson, L.S. 35614
Ding, Z., Huang, J. The surface roughness measurement of metals using microwaves 6783
Ding, Z., Li, Y. Channel identification using second order cyclic statistics 29408
Ding Bonan *see* Hui Zhongxi 43693
Ding Daoqi Automation of the operation and management of electricity market—role of power dispatching automation system 47403
Ding Hanyi, Zhang Guangzhao A new method for measuring complex dielectric permittivity with an electric-field cross-correlation Fourier-transform technique 6732
Ding He *see* He Ding
Ding Jie Hydrological data telemetering and flood forecasting system for Feng Shu Ba power plant 47793
Ding Koubao *see* Koubao Ding
Ding Lie *see* Shu Zongxun 25352
Ding Lin, Raghuveer, M.R., McDermid, W. Effect of oil quality and field configuration on steep-front breakdown strength of processed pressboard 47926
Ding Shengyao *see* Ye Zongyuan 24135

Ding Wei'an, Cao Jiang, Zhang Qishao Design of five-port waveguide junction at Ka band 1421
Ding Xiaoqing, Wu Youshou Information entropy theory in pattern recognition 5038
Ding Xixiang *see* Ye Zongyuan 24135
Ding Yiyuan, Yang Jianyu, Zhang Weihun, Huang Shunji Improvement of angular resolution of real aperture radar via generalized inverse filtering 14680
Ding Yong-Qing, Wei Guang-Yu, Peng Rui-Wu Reaction kinetics control in preparation of CdTe and HgCdTe by hot wall metalorganic vapor phase epitaxy 41305
Ding Yuzheng *see* Yuzheng Ding
Ding Zhan *see* Zhan Ding
Ding Zhao First turbine generates at Shuikou 32786
Ding Zhen-Liang, Chen Zhong, Xu Jun, Yuan Feng, Yuan Yi-Bao Composite errors of long gage blocks 31415
Ding Zhen-Liang, Wang Wen-Yi, Chen Li-Jie Investigation of the description method for the experimental uncertainty 31087
Ding Zhen-Liang *see* Xu Jun 31461
Ding Zhen-Liang *see* Yuan Feng 31436
Ding Zhen-Liang *see* Yuan Yi-Bao 31498
Ding Ziaohong *see* Liu Chuanbo 25804
Ding-Kuen Yeh *see* Chen-Mie Wu 38249
Ding-Yuan Fan *see* Xi-Qi Feng 41244
Dingbo, K. *see* Xiaoping, W. 15088
Dingchang Xian *see* Jianhua Jiang 6922
Dingding Chang, Hashimoto, S. Finding edge in images: a hierarchical relaxation method 29996
Dingguo Chen *see* Chen Dingguo
Dinghe Shi *see* Shi Dinghe
Dingle, A.A., Jones, R.D., Carroll, G.J., Fright, W.R. A multistage system to detect epileptiform activity in the EEG 31958
Dingle, B.T. B-ISDN signalling advances 37577
Dingle, R. *see* Stormer, H.L. 27514
Dingrong Qian Plasma edge and its application to infrared measurement and detection 23580
Dingsan, G. *see* Xiao Jianwei 20887
Dingsan Gao *see* Guotong Du 12247
Dingsan Gao *see* Gao Dingsan
Dingus, P., Carli, T., Sirois, Y., Verrecchia, P. Crack corrections for electrons in the LAr calorimeter 31700
Dingyuan, T. *see* He, H. 15035
Dinh, C.T.Le *see* Le Dinh, C.T.
Dinh, T. *see* Park, D. 16263
Dinh, T. *see* Park, D. 16267
Dinh, T. *see* Todd, J.R. 39294
Dinh, T.Vu *see* Vu Dinh, T.
Dinh, V.T. *see* Gruenbaum, P.E. 33047
Dinh Phuoc Vo, Macchion, D. A use of case-based reasoning technique in building expert systems 24405
Dinh Quach Le *see* Le Dinh Quach
Dinh Van An *see* Doan Nhat Quang 10674
Dinis, A.K. *see* Middleton, B.K. 2841
Diniz, R., Smoliner, J., Gornik, E., Suski, T., Meiners, U., Brugger, H. Hydrostatic pressure studies of asymmetric double-barrier resonant tunneling diodes 11127
Diniz, R. *see* Brugger, H. 46387
Dinnis, A.R. Voltage measurements using the time-of-flight electron spectrometer 42377
Dinnis, A.R., Khursheed, A. Time-of-flight electron spectrometer for voltage measurements on integrated circuits 28246
Dinnis, A.R., Khursheed, A. Voltage measurements on integrated circuits using a time-of-flight electron spectrometer 31376
Dinstein, I. *see* Hershfinkel, D. 36798
Dinstein, I. *see* Min Gi Kim 29883
Dinten, J.-M. *see* Lacey, G. 40995
Dintner, H., Klonz, M., Lerm, A., Volklein, F., Weimann, T. AC-DC-mV-transfer with highly sensitive thin-film multijunction thermal converters 6282
D'Inzeo, G. *see* D'Agostino, S. 5756
Diomne, G.F. *see* Lax, B. 42179
Dion, D. *see* Imbeau, R. 21261
Dion, J. *see* Jouppi, N.P. 26965
Dion, J. *see* Jouppi, N.P. 27001
Dion, J.-L. New transmission line analogy applied to single and multilayered piezoelectric transducers 11396
Dion, J.M. *see* von Raumer, T. 32861
Dion, M. *see* Fallahi, M. 20763
Dion, M. *see* Houghton, D.C. 27509
Dion, M. *see* Houghton, D.C. 43871
Dion, M. *see* Janz, S. 21071
Dion, M. *see* McGreer, K.A. 37683
Dionisi, C., Falciano, S., Fucci, A., Linnhofer, D., Luci, C., Ludovici, L., Luminari, L., Martin, B., Marzano, F., Medici, G., Mirabelli, G. The third level trigger system of the L3 experiment at LEP 7222
Dionisi, S., Lazzaro, P., Scorrano, G., Zou, P.L. Considerations on SDH radio relay systems management 14063
Dionisi, S., Parente, P., Pietroiusti, R., Vidoni, A. The role of radio relay systems in the evolving distribution network 5749
Dionisi, S. *see* Casiraghi, U. 14406
Dionisio, C. *see* Borgarelli, L. 9997
Dionne, D.F. *see* Lax, B. 1433
Dionnet, V. *see* Mehaute, A.L. 21156
Dionoro, G. *see* Daurelio, G. 21134
Diot, M. *see* Chavanne, J. 7108
Diotallevi, D.N. *see* Sopocy, D.M. 39559
Diou, A. *see* Dumont, C. 4860
Diouris, J.F. *see* Tajany, M. 30368
Dipace, A., Doria, A., Gallerano, G.P., Sabia, E. Waveguide-gap tapering of a far infrared FEL 3700
Dipace, A., Sabia, E. 3D simulation codes for FEL amplifiers 3701
DiPietro, J. *see* Bhargava, B. 25018
DiPietro, R. *see* Wallraff, G.M. 27957
DiPietro, R.C. Extended factored space-time processing for airborne radar systems 23207
Dippold, D.G. *see* Cash, C.R. 475
Dippold, M. *see* Bottcher, A. 14498
Dippon, T. *see* Schinzel, P. 23763
Dirani, E.A.T., de Andrade, A.M., Pereyra, I. Enhanced conductivity in n-type microcrystalline silicon 19325
Director, S.W. *see* Feldmann, P. 28229
Director, S.W. *see* Zhihua Wang 35060
Dirks, A.G., Augur, R.A. Reliability and microstructure of Al-Si-V-Pd alloy films for use in ultralarge scale integration 27795
Dirks, A.G., de Veirman, A.E.M. Quasicrystalline (Al,Pd)-phase in dilute Al-Si-V-Pd films for use as reliable metallizations in ultralarge scale integration 2255
Dirks, C., Margieh, U. Use of broadband decoupling capacitors in printed circuit layout 1697
Dirks, C., Paul, R. Preventing HF irradiation in operational amplifiers 41699
Dirks, E. *see* McLaren, P.G. 32493
Dirks, M.T. *see* Needes, C.R.S. 19261
Dirkx, E. Simulation strategies for computer networks on a parallel MIMD computer 14160
Dirochka, A.I. *see* Chishko, V.F. 11847
Diroll, J. *see* Hoang, L. 18712
Dirubbo, L., Ilnitzki, M.M.G., Malatesta, P.A. Fax services for people on the move 5429
Disch, J. *see* Pfeiffer, E. 24571
Dischinger, T. *see* Kohler, W. 48025
Disdier, L. *see* Rossa, E. 15363
Diseko, N.L. *see* Gleadow, J.C. 47468
D'Isep, F. *see* Masoni, A. 15659
DiSessa, P., Stone, S., Werner, M. An analytical approach to improving equipment productivity 265
Dislis, C., Dick, J.H., Ambler, A.P. Planning test strategies at board level 43037
Dissado, L.A. Are water trees fractals?—and if so what are the implications? 43159
Dissanayake, A. *see* Allnut, R.M. 37933
Dissanayake, A.S., Lin, J.Y., Jiang, H.X. Persistent photoconductivity in $Zn_{0.04}Cd_{0.96}Te$ semiconductor thin films 11820
Distante, A. *see* Stella, E. 13384
Distante, F., Sami, M.G., Stefanelli, R., Storti-Gajani, G. A digital architecture for neural nets 18925
Distante, F. *see* Antola, A. 19946
Distante, F. *see* Antola, A. 41993
Distler, H. *see* Zakel, E. 27389
Distler, K. *see* Ipatov, P. 47686
Ditali, A., Black, W. Failure distributions and area transformation of thin SiO_2 films 43162
Ditali, A., Hasnain, Z. Monitoring alpha particle sources during wafer processing [DRAMs] 24065
Ditali, A. *see* Mathews, V.K. 10965
Ditali, A. *see* Mathews, V.K. 41467
Ditali, A. *see* Thakur, R.P.S. 2175
Ditizio, R.A., Hallet, W.L., Fonash, S.J. Detrimental effects of low pressure electron cyclotron resonance plasmas: impact on dry etching and dry cleaning 2201
Ditizio, R.A. *see* Awadelkarim, O.O. 42744
Ditizio, R.A. *see* Grot, S.A. 10910
Ditmeyer, S.R. The natural gas locomotive project on Burlington Northern Railroad 48375
Ditmire, T. *see* Perry, M.D. 20743
D'Itri, M.P. *see* Vickery, S.K. 40850
Ditschun, A., Filipovic, A. Quality improvement for stop collar and bellows welding on Bruce retube 16601
Dittberner, K.L. *see* Larsen, D.M. 17162
Dittberner, K.L. *see* Oxley, J.E. 17161
Dittmann, L., Kvols, K. Traffic measurements and test equipment in BATMAN 14008
Dittmer, H.E., Gaunt, R.E. Redefining fast track and achieving commercial operation in ten months 8148
Dittrich, I. Effects of increasing use of consumers with switched-mode power supplies 25531
Dittrich, I., Frey, M. On the flickering characteristics of various lights with ripple control, and their suitability for illuminating workplaces 17600
Ditzian, Z. *see* Chen, W. 18053
Divakaran, A., Pearlman, W.A. A new family of orthonormal wavelet bases 13358
Divakaruni, S.M. *see* Beare, A.N. 39905
Divakaruni, S.M. *see* Matsuoka, K. 39972
Divall, J. *see* Baghai, A.A. 22881
Divan, D.M., Malesani, L., Tenti, P., Toigo, V. A synchronized resonant DC link converter for soft-switched PWM 25553
Divan, D.M. *see* Chandorkar, M.C. 16965
Divan, D.M. *see* Chen, C. 8574
Divan, D.M. *see* Klontz, K.W. 8948
Divan, D.M. *see* Leonardi, F. 8635
Divan, D.M. *see* Lipo, T.A. 8602
Divan, D.M. *see* Skibinski, G.L. 8552
Divan, D.M. *see* Venkataramanan, G. 8493
Divan, D.M. *see* Wallace, I.T. 40195
Divekar, D. *see* Raghuram, R. 9872
Divekar, D. *see* Raghuram, R. 17865
DiVenere, A. *see* Yi, X.J. 33637
Divia, R. *see* Muller, H. 46319
Diviacco, B. *see* Walker, R.P. 7111
Divincenzo, B. *see* Reinhardt, K. 34743
Divino, M.D. *see* Zucker, J.E. 46017
Divisek, J. *see* Bleise, Ch. 17315
Divjak, S. *see* Jager, F. 24318
Divljakovic, V., Van Vooren, E., Vekic, B., Vojnovic, B. Dielectric strength of magnetic wire coatings exposed to simultaneous thermal and radiation aging 35180
Divsalar, D., Simon, M.K. Pseudo-coherent demodulation for mobile satellite communications 36479
Divsalar, D. *see* Wu, T.K. 36382
Diwakar, M.P. *see* Padmini, S. 16507
Diwan, A.A. *see* Singh, V.K. 33980
Diwan, S.G. *see* Kumar, K.A. 16007
Diwekar, U.M. *see* Frey, H.C. 40031
Diwekar, U.M. *see* Painton, L.A. 47447
Dix, P.J., Bloothooft, G. A breakpoint analysis procedure based on temporal decomposition 36605
Dixit, G.A., Wright, P.J., Poarch, S., Havemann, R.H., Ngan, K., Nulman, J., Kieu, H., Tepman, A. A reactively sputtered coherent TiN process for sub-0.5 μm technology 19656
Dixit, N.S., Thiyagarajan, T.K., Satyamurthy, P., Venkatramani, N. Experimental study of the effect of insulating vane and interaction parameter on current and voltage in liquid metal MHD generator 25748
Dixit, N.S. *see* Satyamurthy, P. 25749
Dixit, N.V. Design and performance of a low voltage, low noise 900 MHz amplifier 41680
Dixit, P.C., Prakasan, K.S., Gupta, A., Natarajan, K. Computerised operator support systems for Indian NPPs 16504
Dixit, P.C., Subramaniam, K., Dhodapkar, S.D., Ramamurthy, H. Safety review and assessment of programmable digital comparator system for KAPP 8074
Dixit, P.N. *see* Seth, T. 9705
Dixit, S. *see* Skelly, P. 22715
Dixit, S.N., Lawson, J.K., Manes, K.R., Powell, H.T., Nugent, K.A. Kinoform phase plates for focal plane irradiance profile control 44160
Dixit, S.N. *see* Henesian, M.A. 35943
Dixit, S.N. *see* Lawson, J.K. 35948
Dixit, S.N. *see* Pennington, D.M. 35976
Dixmier, J. *see* Cuniot, M. 41417
Dixon, A.M. *see* Thorp, J.D. 7910
Dixon, B., Lenstra, A.K. Factoring integers using SIMD sieves 29480
Dixon, G.J. Compact blue-green lasers get down to business 28761
Dixon, I. *see* Hunter, R. 22492
Dixon, I. *see* Woods, B.J. 22499
Dixon, J. *see* Berenbaum, A. 5471
Dixon, J.W. *see* Dennis, M.L. 28773
Dixon, M., Wiener, G. TITAN: thunderstorm identification, tracking, analysis, and nowcasting—a radar-based methodology 47248
Dixon, P. *see* Armstrong-Helouvry, B. 41684
Dixon, P. *see* Hawkes, N.P. 7290
Dixon, P.F. Microwave absorbers: theory, design and test 19013
Dixon, T. Obstacles on the road to global networking 5512
Dixon, W. *see* Lukaszek, W. 1980
Diyuan Ren *see* Ren Diyuan
Djahli, F., Autran, J.L., Plossu, C., Balland, B. Use of the charge pumping technique to understand non-uniform n-channel MOSFET degradation 42962
Djakow, A.F. Management reforms in the Russian electricity supply industry 47370
Djamaludin, I. *see* Murthy, D.N.P. 407
Djebbour, Z. *see* Mencaraglia, D. 40492
Djeffal, S., Allab, M. Passive personal radon dosemeter 7504
Djelic, V. *see* Kercan, V. 16712
Djemel Ziou, Tabbone, S. A multi-scale edge detector 4829
Djennas, F., Prack, E., Matsuda, Y. Investigation of plasma effects on plastic packages delamination and cracking 40942
Djennas, F., Prack, E., Rittmaster, R., Matsuda, Y. Comparison of the effects of argon and oxygen plasmas on plastic package delamination and cracking 388
Djerroud, B. *see* De Filippo, E. 46876
Djessas, K. *see* Masse, G. 9758
Djessas, K. *see* Masse, G. 33748
Djian, F. *see* Brendel, R. 20088
Djoko, K.M., Palicot, J. Frequency domain ghost cancellation using small FFT's 14757
Djokovic, I. *see* Chen, T. 29707
Djordjevic, A.R., Sarkar, T.K. Closed-form formulas for frequency-dependent resistance and

inductance per unit length of microstrip and strip transmission lines 42135
Djordjevic, A.R. *see* Sarkar, T.K. 12747
Djordjevic, A.R. *see* Sarkar, T.K. 44507
Djordjevic, R.R. *see* Jeftenic, B.I. 17512
Djotni, K., Torre, J.P., Wang, K., Pesty, F., Dumoulin, L., Garoche, P. New material for bolometer design 23601
Djouadi, A., Jamali, M.M., Kwatra, S.C. A parallel QR algorithm for the symmetrical tridiagonal eigenvalue problem 21912
Djuandi, A. *see* Hwu, R.J. 1569
Djukanovic, M., Sobajic, D.J., Pao, Y.-H. Learning tangent hypersurfaces for fast assessment of transient stability 24629
Djukanovic, M. *see* Sobajic, D.J. 16126
Djukanovic, M. *see* Sobajic, D.J. 24657
Djuphammar, H. *see* Hagstrom, U. 45858
Djurado, E. *see* Hammou, A. 17329
Djuric, D.J. *see* Drndarevic, V.R. 7216
Djuric, P.M. *see* Doroslovacki, M. 13325
Djuric, P.M. *see* Jovanovic, S.D. 21505
Djuzhev, G.A. *see* Baksht, F.G. 38823
Dkiouak, R., Macia, J., Perez-Rodriguez, A., Gual, J., Morante, J.R. Electrical characterization of passivation processes in Si-GaAs by isothermal photoinduced transient measurements 27689
Dlay, S.S., Hinton, O.R., McLauchlan, M.R., Holbrooke, J.R. Use of performance estimation in top-down design of VLSI architectures for DSP 11288
Dlay, S.S. *see* Ngoledíage, J.E. 42123
Dlay, S.S. *see* Tahir, J.M. 10051
D'Luna, L.J. *see* Kenney, T.J. 22168
d'Luna, L.J. *see* Tsai, Y.T. *(editor)* 17699
Dmitriev, E.I. *see* Bobrov, B.D. 3433
Dmitriev, E.V. *see* Dzhurvarly, Ch.M. 32468
Dmitriev, M.F., Kolyadin, S.A. Peculiarities of periodic mode formation in a wide-aperture optical cavity 44028
Dmitriev, V.A., Dul'kin, I.N., Karasev, V.V., Kopachkov, A.R. A high-frequency generator of nanosecond current pulses with evaporative cooling of the magnetic commutators 32940
Dmitriev, V.A., Irvine, A.K., Spencer, M., Kelner, G. Low resistivity ($\sim 10^{-5}\ \Omega\ cm^2$) ohmic contacts to 6H silicon carbide fabricated using cubic silicon carbide contact layer 19652
Dmitriev, V.A. *see* Irvine, K.J. 18267
Dmitriev, V.A. *see* Vassilevski, K.V. 19754
Dmitriev, V.M., Ofiterov, M.N., Prentslau, M.N. Determining the surface resistivity of materials by a resonator method 31378
Dmitriev-Zdorov, V.B. Multilevel iteration algorithms solving the equations of electrical circuit dynamics: multilevel generalization of the signal shape relaxation method 986
Dmitriyev, A.Yu., Chetverikov, A.P. Amplification of multifrequency signals in a traveling-wave gyroresonant amplifier 10631
Dmitriyev, S.C. *see* Alybin, V.G. 34266
Dmitriyev, S.C. *see* Alybin, V.G. 38239
Dmitruk, N.L., Barlas, T.R., Basiuk, E.V. Preparation, morphology and physical properties of microrelief InP surfaces 19581
Dmochowski, Z. Problem of design and testing of high-current measuring transducers 38448
Dmowski, A., Bugyi, R., Szewczyk, P. A novel series-resonant DC/DC converter with full control of output voltage 8563
Dmowski, K. A numerical procedure to determine near midgap level defect parameters in Schottky diodes with significant leakage current densities 2430
Dmowski, L.H. *see* Suski, T. 42503
Do, A.V. *see* Bishop, M.T. 47611
Do, B. *see* Vuong, S.T. 37139
Do, X.D. *see* Lambert-Torres, G. 32266
Do, X.D. *see* Ribeiro, G.M. 40380
Do Long Van, Nguyen Huong Lam, Phan Trung Huy On codes concerning bi-infinite words 44726
Do Man-Hee *see* Kim Sang-Bae 3580
do Prado, R.N. A new buck ZVT PWM converter 26708
Do-Heyoung Kim, Wentorf, R.H., Gill, W.N. Low pressure chemically vapor deposited copper films for advanced device metallization 2253
Do-Heyoung Kim, Wentorf, R.H., Gill, W.N. Selective deposition of copper by chemical vapor deposition using $Cu(HFA)_2$ 26505
Doak, E. Dial-up system monitors co-op's far-flung stations 48029
Doan, T. *see* Sandhu, G. 19658
Doan, T.M. *see* Gol, O. 40557
Doan, T.T. *see* Sandhu, G.S. 2221
Doan Nhat Quang, Nguyen Nhu Dat, Dinh Van An On the electron mobility in slightly compensated heavily doped GaAs at low temperatures 10674
Doane, J.W. *see* West, J.L. 3835
Doane, J.W. *see* Yang, D.K. 43554
Doar, M., Leslie, I. How bad is naive multicast routing? 5489
Dobaczewski, L., Langer, J.M., Missous, M. Pressure dependence of the Schottky barrier heights in Al/AlGaAs junctions 10736
Dobaczewski, L., Missous, M., Singer, K.E., Zytkiewicz, Z.R. Molecular beam epitaxy of $Al_xGa_{1-x}Sb$ and $Al_xGa_{1-x}As$: new donor doping sources 9553
Dobbe, N.J. *see* Kroes, F.B. 7141
Dobbelaere, P.De *see* De Dobbelaere, P.
Dobbeling, K. *see* Kampmann, S. 15230
Dobbins, B.N. *see* Wang, L.S. 46615
Dobbins, J.A. *see* Alexander, J.P. 24110
Dobbins, J.A. *see* Alexander, J.P. 46860
Dobbins, J.A. *see* Bebek, C.J. 31786
Dobbins, M.C. *see* Clark, C.D. 270
Dobele, H.F. *see* Young, A.T. 46825
Doberstein, S., Malyukhov, V., Nikolaenko, K., Razgonyaev, V. Using of self-resonance approach for high selectivity low loss SAW filters 2770
Dobinda, I.I. *see* Bobrysheva, A.I. 3794
Dobisz, E.A., Marrian, C.R.K., Salvino, R.E., Ancona, M.A., Perkins, F.K., Turner, N.H. Reduction and elimination of proximity effects 27948
Dobisz, E.A., Marrian, C.R.K., Salvino, R.E., Ancona, M.A., Rhee, K.W., Peckerar, M.C. Thin silicon nitride films to increase resolution in e-beam lithography 2319
Dobisz, E.A., Marrian, C.R.K., Salvino, R.E., Ancona, M.A., Rhee, K.W., Peckerar, M.C. Thin silicon nitride films to increase resolution in e-beam lithography 11038
Dobisz, E.A. *see* Eddy, C.R., Jr. 10920
Dobisz, E.A. *see* Marrian, C.R.K. 19696
Dobisz, E.A. *see* Perkins, F.K. 27933
Dobkin, D.M. *see* Hitchens, W.R. 845
Dobkin, D.M. *see* Hitchens, W.R. 9795
Dobkin, R., Nelson, C., Pietkiewicz, S. Power conditioning for notebook and palmtop systems 17028
Doble, I. *see* Chen, G. 43145
Doble, I.R. *see* Beech, S.C. 6008
Doble, N., Gatignon, L., von Holtey, G., Novoskoltsev, F. The upgraded muon beam at the SPS 46806
Dobler, S., Meyer, P., Ruhl, H.-W. A server for speech-controlled area code information 37623
Dobnikar, A. *see* Ficzko, J. 4802
Dobosiewicz, W., Gburzynski, P. DSMA: a fair capacity-1 protocol for gigabit ring networks 14168
Dobosiewicz, W. *see* Baransel, C. 22521
Dobosz, A. *see* Masini, G. 28653
Dobrescu, S., Marinescu, L. Production by surface sputtering and acceleration of heavy negative ions in tandem accelerators 46818
Dobrijevic, D.M. *see* Milanovic, J.V. 40143
Dobrokhodov, S.B., Sokolov, A.I., Korchenko, Yu.S. Smoothing algorithms in the presence of noninformative measurements 4768
Dobrosavljevic, A. *see* Neskovic, N. 15583
Dobroski, H., Jr. *see* Dubaniewicz, T.H. 6521
Dobrotvorskii, E.M. *see* Fominykh, Yu.A. 25558
Dobrovol'skii, V.N., Ninidze, G.K., Petrusenko, V.N. Impact ionization of electrons and holes and avalanche breakdown in MTTIS structures 1951
Dobrowiecki, T. *see* Rahim, A.A. 21850
Dobrowolski, J.A. *see* Waldorf, A.J. 11804
Dobrowski, G.H. *see* Walters, S.M. 30740
Dobrucky, B. *see* Consoli, A. 17515
Dobrushin, R.L. A formula of full semiinvariants 17993
Dobrzynski, L. *see* Andrejczuk, A. 24134
Dobson, D.C., Santosa, F. An image-enhancement technique for electrical impedance tomography 47105
Dobson, I., Lu, L. New methods for computing a closest saddle node bifurcation and worst case load power margin for voltage collapse 24604
Dobson, P.J. *see* Ayres, J.R. 34953
Dobson, P.J. *see* Leigh, P.A. 42562
Dobson, R. *see* Roe, M.G. 30117
Dobson, R.A. *see* Schehrer, K.L. 38965
Dobson-Mack, G. *see* Olivier, G. 32405
Dobuzinsky, D.M. *see* Nguyen, T. 9745
Docampo, D., Gonzalez, F., Abreu, V., Perez, F. Generating the excitation in multipulse coders: a deconvolution based approach 13151
Docampo, D., Perez, F., Fernandez, J.R., Abdallah, C. Some robust stability results concerning sparse predictors 13255
Docampo, D. *see* Perez, E. 44895
Docchio, F. *see* Gelmini, E. 28760
Docchio, F. *see* Gelmini, E. 29081
Docchio, F. *see* Sansoni, G. 35506
Docchio Franco *see* Franco Docchio
Dochain, D. *see* Mbihi, J. 7732
Docherty, T. *see* Woods, A. 23816
Dockery, G.D. *see* Goldhirsh, J. 21242
Docter, D.P. *see* Kiely, P.A. 43026
Dodaro, A. *see* Zeppa, P. 38874
Dodd, A.C., Edgington, J.A., Gemmeke, H., Hesselbarth, J., Kleinfeller, J., Malik, A., Maschuw, R., Plischke, P., Seligmann, B., Wolf, J., Wolfle, S. The laser calibration monitor of the KARMEN scintillation calorimeter 7229
Dodd, B.A. *see* Campbell, A.N. 35049
Dodd, B.A. *see* Campbell, A.N. 43043
Dodd, P. *see* Asatsuma, T. 10840
Dodd, P.E., Melloch, M.R., Lundstrom, M.S., Woodall, J.M., Pettit, D. InAs bipolar transistors: a path to high-performance cryogenic electronics 19796
Dodd, S. *see* Griffioen, W. 3002
Dodd, S.J. *see* Champion, J.V. 20037
Dodd, S.J. *see* Champion, J.V. 35118
Doddrell, D.M. *see* Wilson, S.J. 7332
Dodds, D.E., Du, L. ATM framing acquisition 30572
Dodelet, J.P. *see* Pankow, J.W. 19271
Doderer, T. *see* Quenter, D. 11551
Doderer, T. *see* Ustinov, A.V. 2910
Dodge, J. *see* Gore, J. 327
Dodge, J.A. *see* Chandra, D. 10789
Dodgson, J. *see* Gajda, M.A. 31160
Dodman, K. 12VP185 offers a 2MWe option at 60 Hz 16700
Dodman, K. Hydropower in Tanzania 40043
Dodokhova, G.V. *see* Ershov, Yu.K. 4014
Dods, S.R.A., Ogura, M., Watanabe, M. Small-signal analysis of semiconductor lasers modulated at frequencies on the order of the beat frequency 35878
Dodu, J.C., Eve, T., Minoux, M. Implementation of a proximal algorithm for linearly constrained nonsmooth optimization problems and computational results 41086
Dodunekov, S.M., Encheva, S.B., Ivanov, A.N. New bounds for the minimum length of binary linear block codes 29471
Dodunekov, S.M., Encheva, S.B., Kapralov, S.N. On the [28, 7, 12] binary self-complementary codes and their residuals 29464
Doeff, M.M. *see* Lampert, C.M. 35481
Doeff, M.M. *see* Ma, Y. 17189
Doege, E., Repenning, F., Caesar, M., Krampe, R., Baumgart, G. Gauging of hot forgings by laser-triangulation 23882
Doering, E.R., Basart, J.P., Gray, J.N. Three-dimensional flaw reconstruction and dimensional analysis using a real-time X-ray imaging system 9833
Doering, K. *see* Dietrich, J. 7097
Doering, R.R. Cost-of-ownership issues in a flexible manufacturing environment 33337
Doerr, C.R., Haus, H.A., Ippen, E.P., Shirasaki, M., Tamura, K. Additive-pulse limiting 20755
Doerr, C.R., Shirasaki, M., Khatri, F.I. Simulation of pulsed squeezing in optical fiber with chromatic dispersion 28465
Doerr, C.R. *see* Tamura, K. 20757
Doerr, D. *see* Johns, B. 736
Doerr, D.W. *see* Narayanan, R.M. 46090
Doerschuk, P.C. *see* Chi-hsin Wu 29855
Doerschuk, P.C. *see* Gelfand, S.B. 545
Does, T.van der *see* van der Does, T.
Doets, M. *see* van der Linden, A. 15567
Doeuf, R.Le *see* Le Doeuf, R.
Doft, F. *see* Simpson, T.B. 29074
Dogadaev, R.V. *see* Velikhov, Ye.P. 25755
Dogan, M.C., Mendel, J.M. Joint array calibration and direction-finding with virtual-ESPRIT algorithm 4714
Dogan, M.C., Mendel, J.M. Antenna array noise reconditioning by cumulants 4724
Dogan, M.C., Mendel, J.M. Single sensor detection and classification of multiple sources by higher-order spectra 21790
Dogan, M.C., Mendel, J.M. Cumulant-based blind optimum beamforming 29711
Dogan, N. *see* Martin, J.B. 15721
Dogan, N.S. *see* Dikmen, C.T. 42888
Dogan, N.S. *see* Eray, M. 23741
Dogaru, I., Katona, L., Diaconescu, M. Linear channel for the G.MHD−03 systems 25764
Dogaru, I., Mihai, D. Mathematical modelling of plasma flowing into a disk MHD channel 25788
Dogaru, I. *see* Lemnean, N. 17410
Doghieri, F. *see* Zanotti, L. 9761
Doghmane, A., Despaux, G., Hadjoub, Z., Robert, L., da Fonseca, R.J.M. Recent progress in acoustic imaging and microanalysis of new materials and devices by scanning acoustic microscopy 42822
Dogru, M. *see* Beaumont, S.P. 15637
Doh Hoon Kim, Boo Yeon Choi, Ki Ro Jung, Chi Hoon Jun, Won Ick Jang, Youn Tae Kim, Jong Hyun Lee, Heung Ok Park Design and development of a prototype excimer laser based stepper 2377
Doherty, A., Payne, R.R. Image processing of blurred medical images 45116
Doherty, C. *see* Lee, C.H. 43878
Doherty, J.F. Direct sequence spread spectrum interference rejection using vector space projection techniques 14388
Doherty, M.J. *see* Jouppi, N.P. 26965
Doherty, M.J. *see* Jouppi, N.P. 27001
Doherty, P.E., Donaghue, D.W. High speed, precision, slow scan CCD cameras 6571
Doherty, P.E. *see* Gale, A.A. 6578
Doherty, W.E., Jr., Joos, R.D. PIN diodes offer high-power, HF-band switching 34899
Dohi, T., Nitta, K., Ueda, T. Performance of the unique-word-reverse-modulation type demodulator for mobile satellite communications 37942
Dohi, Y. *see* Hatakeyama, T. 26994
Dohi, Y. *see* Murakoshi, H. 34142
Dohke, H. *see* Shishido, A. 23827
Dohler, G.H. *see* Gulden, K.H. 33639
Dohler, G.H. *see* Kiesel, P. 35492
Dohler, G.H. *see* Knupfer, B. 43528

Dohlus, M., Weiland, T. EMC calculations of electronic structures in nearly closed casings 4152
Dohlus, M. *see* Balewski, K. 46775
Dohmeki, H. *see* Ebihara, D. 39107
Dohmen, A., Eichhammer, K. Networking that CAN [complete area networks] 37416
Dohmen, A., Wenig, E. The tailor-made network manager 5367
Dohmen, R. *see* Niedernostheide, F.-J. 28073
Dohrmann, F. *see* Bollmann, R. 46869
Dohsen, M. *see* Kobayashi, T. 3642
Doht, H.-C. *see* Fischer, G. 17613
Dohya, A. *see* Shimada, Y. 9248
Doi, A. *see* Kono, Y. 32351
Doi, A. *see* Nakahara, S. 31886
Doi, H. *see* Imai, S. 44791
Doi, K. *see* Giger, M.L. 24235
Doi, K. *see* Hoffmann, K.R. 24236
Doi, K. *see* Nishikawa, R.M. 24237
Doi, K. *see* Takeuchi, M. 43238
Doi, M. *see* Ohska, T.K. 22998
Doi, M. *see* Saito, J. 20418
Doi, S. *see* Mori, K. 21777
Doi, S. *see* Sato, S. 39105
Doi, T., Yagi, S. Large-capacity optical subscriber transmission system 23064
Doi, T. *see* Takashima, T. 48112
Doi, Y. *see* Huang, W. 17868
Doi Shinobu *see* Shinobu Doi
Doiron, T., Pinsky, D.A., Chen, S., Plott, M. An SPC artifact for automated solder joint inspection 239
Doiron, T. *see* Aggarwal, N. 38720
Doisy, M. *see* Ventura, P. 2762
Dokas, V. *see* Mansour, R.R. 1483
Doke, T. *see* Hitachi, A. 7238
Doke, T. *see* Hitachi, A. 38882
Doki, S., Kinpara, Y., Okuma, S., Sangwongwanich, S. Unified interpretation of indirect and direct vector control [of electric machines] 16764
Dokiya, M., Horita, T., Sakai, N., Kawada, T., Yokokawa, H., van Hassel, B.A., Montross, C.S. The possibility of coal gasifier-SOFC conjugate plant 16737
Dokiya, M. *see* Horita, T. 40457
Dokiya, M. *see* Yokokawa, H. 17346
Dokopoulos, G., Taylor, B.E. Gate drivers for switched reluctance motor drives 40541
Dokoukin, V. *see* Oraevsky, V. 21260
Dokukin, I.Ya. Thermodynamic analysis and optimisation of power stations which employ the thermal gradient of seawater to generate power 8241
Dolainsky, F. *see* Franz, J. 5958
Dolan, J.E., Bolton, H.R., Shapland, A.J. Further progress in pulse sharpening using ferrite lines 47992
Dolan, R. *see* Sandow, P.M. 1969
Dolat, V.S. *see* Burke, B.E. 47024
Dolata, R., Neuhaus, M., Jutzi, W. Laser reflection measurements for end point detection and analysis in Nb/Al_2O_3-Al/Nb Josephson circuit fabrication 2889
Dolbeau, J. *see* Adam, W. 46929
Dolby, D. *see* Dunn, C. 34079
Dolcin, J. *see* Draper, C. 34747
Doleschel, H. *see* Kieslich, A. 27652
Dolev, S., Israeli, A., Moran, S. Self-stabilization of dynamic systems assuming only read/write atomicity 14110
Dolezal, J., Schindler, Z., Fidler, J., Mitousek, O. Optimization-based decision support system for turbine power units modelling and design 32380
Dolezal, M. On problems of air insulation 28295
Dolezal, R. Superheated steam storage based on a gas and steam once-through waste heat boiler 47703
Dolezal, T. *see* Li, D. 9343
Dolezel, I. Inrush current of a one-phase locomotive transformer 40599
Dolfi, D. *see* Spitz, E. 4336
Dolfi, D.W. *see* Aronson, L.B. 3241
Dolfi, D.W. *see* Trutna, W.R., Jr. 28535
Dolfus, G. *see* Bechstedt, U. 15536
Dolfus, N. *see* Dietrich, J. 7097
Dolgicer, M. MPTN means multiprotocol without routers 45562
Dolgikh, V.A. *see* Berkeliev, B.M. 11930
Dolgikh, V.A. *see* Berkeliev, B.M. 11931
Dolgolenko, D.A. *see* Karpov, V.B. 21054
Dolgopolov, V.T. *see* Shashkin, A.A. 11196
Dolgopolov, Y.V., Kirillov, G.A., Kochemasov, G.G., Kulikov, S.M., Murugov, V.M., Pevny, S.N., Sucharev, S.A., Zykov, L.I. Iodine laser with SBS mirror 35658
Dolhert, L.E., Enloe, J.H., Luh, E.Y., Pond, R.P., Kovacs, A.L., Minehan, W.T. Reliability testing of aluminum nitride packaging 9285
Doligez, T. *see* Duvaut, P. 4711
Dolin, A.P. Load-carrying capacity of phase-for-phase screened conductors 39596
Dolinar, D., Pihler, J., Grcar, B. Dynamic model of a three-phase power transformer 32894
Dolino, G. *see* Regolini, J.L. 9556
Dolinsky, A.A., Glickman, S.E. Software reliability estimations for telecommunications products 45437
Dolinsky, A.V., Papash, A.I., Pavlov, S.N., Rudchik, A.T., Val'kov, A.E., Vishnevsky, I.N., Zhmendak, A.V., Belov, V.P., Kokorin, A.M., Makarov, A.A., Severgin, Yu.P., Schukeilo, I.A. The new project of INR (Kiev's) storage-accelerating complex 15287
Dolinsky, A.V., Papash, A.I., Rudchik, A.T., Shvedov, A.A., Val'kov, A.E., Vishnevsky, I.N., Kapustin, A.A., Kokorin, A.M., Mudjugin, B.G., Severgin, Yu.P., Shukeilo, I.A. The INR (Kiev) radioactive ion beam separator 15677
Dolinsky, S. *see* Abe, K. 7260
Dolinsky, S. *see* Abe, K. 15619
Dolinsky, S. *see* Abe, K. 46930
Dolique, J.-M., Coacolo, J.-C. Self-field-limiting current density in field-photoemission of intense short relativistic electron beams 7131
Dolique, J.-M., Coacolo, J.L. Quality of the self-field dominated beam, with arbitrary aspect ratio, of a high-intensity magnetically focused RF gun 38819
d'Oliveira, A. *see* Abe, K. 7260
d'Oliveira, A. *see* Abe, K. 15619
d'Oliveira, A. *see* Abe, K. 46930
Dolk, M. *see* van Galen, F. 6258
Doll, G.L., Perry, T.A., Sell, J.A., Taylor, C.A., Clarke, R. Heteroepitaxial growth of cubic boron nitride on silicon 9576
Doll, K., Johannes, F.M., Sigl, G. Accurate net models for placement improvement by network flow methods 26617
Doll, P., Daumiller, K., Klages, H.O., Mondry, G., Muller, H. Self-quenching streamer mode accompanied by escaping photon studies 46965
Doll, T.J., McWhorter, S.W., Schmeider, D.E. Visual search and detection in background clutter 16106
Dolle, M. A dynamic line-termination circuit for multireceiver nets 41721
Dollen, D.Von *see* Von Dollen, D.
Dollen, D.W.Von *see* Von Dollen, D.W.
Dollens, S. Proposals for development of a standard mixed-signal test bus 14885
Dollfus, P., Galdin, S., Brisset, C., Hesto, P. High frequency analysis of fast devices using small-signal Monte Carlo simulations: application to a 0.1 μm-gate MODFET 2574
Dollfus, P., Hesto, P., Galdin, S., Brisset, C. Monte Carlo study of 50 nm-long single and dual-gate MODFETs: suppression of short-channel effects 2575
Dollfus, P. *see* Galdin, S. 42876
Dolling, R. *see* Gross, P. 31566
Dolling, R. *see* Pozimski, J. 15410
Dolling, R. *see* Weis, T. 23981
Dollinger, R. *see* Khachen, W. 24408
Dolnik, T.G. *see* Kischefsky, J.A. 7771
Dolot, S. *see* Lau, J. 42285
Dolz, H., Kalla, H. Electrical connectors for industrial applications 27341
Dolzer, S. *see* Decker, R. 9231
Dolzhenko, D.E. *see* Chesnokov, S.N. 38506
Dolzhenkov, V.I. *see* Ageev, A.I. 15546
Dom, J.P. *see* Claeys, W. 6492
Dom, J.P. *see* Fouillat, P. 19992
Domaine, Y. *see* Buralli, B. 29341
Domalewski, M.A., Jen, S. Inclusion of peripheral circuit elements in the design synthesis of slanted array compressors 7662
Domalewski, M.A. *see* Jen, S. 11433
Domanski, M. Synthesis of inherently stable and low-sensitive 2-D IIR filters using the l_1-passivity concept 18872
Domansky, K., Petelenz, D., Janata, J. Lift-off process for noble metals 27801
Domash, L. *see* Snowbell, M. 46399
Domashenko, G.D. *see* Lisitsyn, V.P. 4332
Domaszewicz, J., Vaishampayan, V.A. Structural limitations of self-affine and partially self-affine fractal compression 36824
Domaszewicz, J. *see* Vaishampayan, V.A. 44719
Dombrovskii, S.A. *see* Berikashvili, V.Sh. 11614
Dombrovskii, V.A. Experimental study of ultimate density of recording in holographic page storage on a plane carrier 12438
Dombrovskii, V.A. *see* Berikashvili, V.Sh. 11614
Domenico, A.Di *see* Di Domenico, A.
Domenico, L.D. *see* Kim, A. 3335
Domenicucci, A.G. *see* Joshi, R.V. 2220
Domier, C.W. *see* Sjogren, L.B. 34280
Domijan, A., Jr., Miller, J., Knight, R.D. A study of polyphase watthour meter accuracy comparing single phase series to polyphase calibration 32502
Dominey, L.A., Blakley, T.J., Koch, V.R., Vujic, D.R., Schleich, D.M. Nonaqueous thin film batteries and 'supercapacitors' employing $Li/LiMO_x$ redox couples 48090
Domingo, A., Santamaria, J., Gomez, M.T. Automatic target tracking algorithm by image correlation 29895
Domingo, A. *see* Gomez, M.T. 29894
Domingo, J. *see* Fabregat, R. 14274
Domingo, M. *see* Catedra, M.F. 30872
Domingo-Pascual, J. *see* Masdeu-Mas, X. 14184
Domingues, P.G., Pedro, J.C. A new pre-distortion scheme for reduction of intermodulation distortion in broadband optical SCM systems 30767
Dominguez, D., Bonvalot, B., Chau, M.T., Suski, J. Fabrication and characterization of a thermal flow sensor based on porous silicon technology 31207
Dominguez, M., Marquez, E., Villares, P., Jimenez-Garay, R. DC electrical properties of some metal-chalcogenide glassy alloys of the Cu-As-Se system 42443
Dominguez, M. *see* Alarie, J.P. 6681
Dominguez-Castro, R. *see* Espejo, S. 18909
Dominic, V., Feinberg, J. Light-induced second-harmonic generation in glass via multiphoton ionization 12329
Dominikov, N.N. *see* Angelskii, O.V. 21098
Dominioni, F.Caccia *see* Caccia Dominioni, F.
Domino, A., Bartosiewicz, L. Problems of direct frequency converter commutation 8616
Domino, A., Winiarski, B. A new control algorithm for direct frequency converters 8614
Domino, A., Winiarski, B. Limitation of reactive power consumption of direct frequency converters 8615
Dommann, A. *see* Ramm, J. 19545
Dommann, A. *see* Staufert, G. 31204
Dommel, H.W. *see* Araujo, A.E.A. 32291
Dommelen, D.Van *see* Van Dommelen, D.
Domnitei, M. *see* Crook, D. 35051
Domom, W. *see* Shibutani, M. 5772
Domon, W., Shibutani, M., Emura, K. SCM optical multiple-access network with cascaded optical modulators 23013
Domon, W., Shibutani, M., Emura, K. SCM optical multiple-access network with cascaded optical modulators 30861
Domon, W. *see* Namiki, J. 14654
Domon, W. *see* Shibutani, M. 14513
Domoradov, E.A. *see* Mironov, Yu.V. 47692
Domoratskii, E.P. Dynamic monitoring of fuel-pellet sizes and shapes with reconstruction from shadow-projection edges 47694
Domoto, G. *see* Kleckner, R.J. 11344
Domun, M.K. Condition monitoring of power transformers by oil analysis techniques 47944
Don Han Tack *see* Tack Don Han
Don Han Tak *see* Tak Don Han
Don Lee Ick *see* Ick Don Lee
Don Monroe *see* Xie, Y.H. 1915
Don Wook Kim *see* Keun Wook Jung 46608
Donachie, J., Usher, J., Reedy, A., Hailes, R., Vernon, C. Implementing cross-connection facilities in Telecom New Zealand's fibre in the loop pilot installations 38014
Donachie, S.J. *see* Chng, R.S.K. 5938
Donaghue, D.W. *see* Doherty, P.E. 6571
Donahue, J.A., Railing, B.D. Multi-terminal commissioning of the Sandy Pond HVDC converter terminal 47478
Donahue, J.A. *see* Adamson, K.A. 47480
Donahue, R. *see* Kim, K.-J. 43996
Donald, D.A., Kumar, S., Daku, B.L.F. Measurement of the indoor RF propagation channel at *Ku* frequency band 29185
Donald, M. *see* Fieguth, T. 15555
Donaldson, G.B. *see* Macfarlane, J.C. 38492
Donaldson, R.W. *see* Onunga, J.O. 14368
Donaldson, W.R., Liyue Mu Transmission-line modeling of photoconductive switches 28636
Donaldson, W.R., Melissinos, A.C. A novel high brilliance electron source 7116
Donaldson, W.R. *see* Bamber, C. 6885
Donaldson, W.R. *see* Denysenko, A. 15089
Donaldson, W.R. *see* Gupta, D. 28407
Donaldson, W.R. *see* Kingsley, L.E. 35574
Donalek, P. *see* Stein, J. 32776
Donat, H., Hochwart, E. Economic inspection equipment surveillance 41002
Donatelli, R.U. *see* Hanner, R.R. 8182
Donatelli, S. *see* Marsan, M.A. 5201
Donath, A. *see* Townsend, D.W. 15764
Donati, S., Martini, G., Francese, F. Optical interconnection and clock distribution via a multimode star coupler 5887
Donati, S. *see* Cadeddu, R. 23070
Donatiello, L., Nelson, R. *(editors)* Performance Evaluation of Computer and Communication Systems. Joint Tutorial Papers Performance '93 and Sigmetrics '93 90
Donavin, P.R., Patel, J.J., Miller, H.L., Sterud, C.G. Feedpump discharge line vibration solved at Byron Station, Unit 2 32620
Donazzi, F., Luoni, G., Laurent, C. Weibull statistics in short-term dielectric breakdown of thin polyethylene films [comment and reply] 43220
Doncarli, C. *see* Devise, O. 44823
Doncarli, C. *see* Le Carpentier, E. 13429
Donchev, T. *see* Racheva, T.M. 31194
Doncker, R.W.A.A.De *see* De Doncker, R.W.A.A.
Doncker, R.W.De *see* De Doncker, R.W.
Donckers, M. *see* Silence, S.M. 21070
Dondi, P., Handschin, E., Kaufmann, W., Schaffer, G., Singh, N. Requirements for future control systems for the operation of distribution networks 24920
Dondon, P., Zardini, C., Aucouturier, J.L. BiCMOS integrated circuit for capacitive pressure sensors in automotive applications 14937
Donegan, J.E. *see* Bailey, B.H. 32793
Donegan, J.F. *see* Asatsuma, T. 10840
Dones, F., Vasek, J.R., Terzic, M. Transition of optical sensors for aircraft from engineering to manufacture 7537

Dones, F. *see* Abbas, G.L. 7538
Donetsky, D.V. *see* Vorobjev, L.E. 12246
Donevsky, B.D. *see* Dimitrov, V.S. 41227
Dong, A.M. *see* Kuczynski, M.A. 30562
Dong, C. *see* Bender, M. 22564
Dong, C.-K., Pappas, T.N., Neuhoff, D.L. Measurement of printer parameters for model-based halftoning 31490
Dong, G.S. *see* Li, Z.S. 10966
Dong, H., Lin, Y., van Rheenen, A.D., Gopinath, A. Noise analysis of quantum well semiconductor lasers at low frequency 12227
Dong, J., Arai, S., Ikeda, T., Komori, K. Single mode multiple-element laser array with grating filter 3674
Dong, J. *see* Fu, X. 8368
Dong, J. *see* Fu, X. 8798
Dong, J. *see* Ikeda, T. 20786
Dong, L., Archambault, J.-L., Reekie, L., J. Russell, St.P., Payne, D.N. Single pulse Bragg gratings written during fibre drawing 2949
Dong, L., Birks, T.A., Ober, M.H., Russell, P.St.J. Intermodal coupling by periodic microbending in dual-core fibers—comparison of experiment and theory 35407
Dong, L. *see* Xiu, L. 15409
Dong, L.-M. *see* Kang, B.-W. 11156
Dong, S. *see* Hodgson, N. 3493
Dong, W.P., Sullivan, P.J., Stout, K.J. Investigation of dynamic measurement of stylus instruments 31465
Dong, X., Zhang, Y., El Nokali, M. Modeling and simulation of GaAs MESFETs 19901
Dong, Y., Kubo, H., Hano, M., Awai, I. A waveguide bandpass filter made of high-permittivity ceramics 19008
Dong Bi-Zhen *see* Bi-Zhen Dong
Dong Dencun, Wu Wenqi, Shujing, Z. A new method for design 2-D FIR highpass and bandstop digital filters 1339
Dong Dunzhuo *see* Dunzhuo Dong
Dong Fengzhong *see* Wang Huitian 35422
Dong Gil Kim *see* Byung Chul Ahn 28148
Dong Gil Kim *see* Byung Chul Ahn 34998
Dong Haozhe *see* Haozhe Dong
Dong Ho Shin *see* Joong Eon Seo 23347
Dong Hwan Hwang *see* Hyung Keun Ryu 8155
Dong Hwan Son, Hyung Wook Jeon, Yim Kul Lee, Jung Young Son, Dong Kun Lim Dependence of optical phase conjugation on incident beam position and intensity 3873
Dong Jiang *see* Ge Lan 43711
Dong Jiang *see* Jiang Dong
Dong Jianmin *see* Gong Dawei 23629
Dong Kun Lim *see* Dong Hwan Son 3873
Dong Li Target recognition with hybrid statistical and morphological methods 13767
Dong Liu *see* Liu Dong
Dong Miao *see* Jia-Min Peng 6341
Dong Qian Wei *see* Qian Wei Dong
Dong Seop Kim, Shi Yul Kim, Byung Tae Ahn, Ho Bin Im Effects of morphologies of (Cd+Te) powders on the properties of sintered CdS/CdTe solar cells 33043
Dong Shang Chang A note on constructing the confidence bounds of the failure rate for the inverse Gaussian distribution 9356
Dong Shang Chang Critical time of the lognormal distribution 26248
Dong Shang Chang, Loon Ching Tang Graphical analysis for Birnbaum-Saunders distribution 9397
Dong Shang Chang *see* Loon Ching Tang 26247
Dong Su Seong, Ho Sung Kim, Kyu Ho Park Incremental clustering of attributed graphs 22261
Dong Tian-lin *see* Tian-lin Dong
Dong Tianlin Infrared and millimeter wave scattering of two-dimensional conductor-dielectric periodic structures 4038
Dong Wook Kim Universal-test set generation for multi-level test of digital CMOS circuits 1213
Dong Wu *see* Wu Dong
Dong Xiang, Dao-Zheng Wei An optimal design for parallel test generation based on circuit partitioning 41731
Dong Xiang *see* Xiang Dong
Dong Xie *see* Xie Dong
Dong Xu *see* Xu Dong
Dong Xuan *see* Xuan Dong
Dong Yin-Wu *see* Wu Jin-Lei 10609
Dong Zheshan *see* Zhao Yunhui 25822
Dong Zhiwei *see* Hui Zhongxi 43693
Dong Zuomin *see* Zuomin Dong
Dong-Bing Wu *see* Wu Dong-Bing
Dong-Choon Lee, Seung-Ki Sul, Min-Ho Park Comparison of AC current regulators for IGBT inverter 8648
Dong-Hoon Choi, Sang-Joon Yoon Static analysis of flying characteristics of the head slider by using an optimization technique 35235
Dong-Hoon Jang *see* Ji-Beom Yoo 662
Dong-Hui Li *see* Li Dong-Hui
Dong-Hyuk Ju *see* Jung-Suk Goo 42923
Dong-Ik Lee *see* Nishimura, T. 26298
Dong-Jo Park *see* Byung-Eul Jun 42027
Dong-Joon Ahn *see* Tai-Kyung Won 11092
Dong-Lai Liu, Waag, R.C. Time-shift compensation of ultrasonic pulse focus degradation using least-mean-square error estimates of arrival time 31896
Dong-Lai Liu *see* Hinkelman, L.M. 31895
Dong-Lian Zheng *see* Zheng Dong-Lian
Dong-Seok Hyun *see* Taeck-Kie Lee 1044
Dong-Seok Hyun *see* Young-Seok Kim 8590
Dong-Sheng Li *see* Li Dong-Sheng
Dong-Su Kim, Forrest, S.R., Lange, M.J., Olsen, G.H., Cohen, M.J. A three wavelength infrared focal plane array detector element 46452
Dong-Won Chung *see* Yun-Ok Cho 7961
Dongarra, J. *see* Sunderam, V.S. 45606
Dongdai Lin, Mulan Liu Structure and properties of linear recurring m-arrays 33460
Dongen, R.van *see* van Dongen, R.
Dongen, T.v. *see* Kuindersma, P.I. 38132
Dongen, T.van *see* van Dongen, T.
Dongen, T.von *see* von Dongen, T.
Donggang Yu *see* Yu Donggang
Donggil Kim *see* Jeong Hyun Kim 28162
Donghong Qian *see* Qian Donghong
Donghui Xiao *see* Xiao Donghui
Donghwan Kim, Fahrenbruch, A.L., Lopez-Otero, A., Bube, R.H., Jones, K.M. Measurement and control of ion-doping-induced defects in cadmium telluride films 34516
Dongier, F. *see* de Viron, F. 16259
Dongil Han *see* Sung Rak Kim 17816
Dongjin Byun, Seong-don Hwang, Dowben, P.A., Perkins, F.K., Filips, F., Ianno, N.J. Heterojunction fabrication by selective area chemical vapor deposition induced by synchrotron radiation 41466
Dongjin Wang *see* Wang Dongjin
Dongkui Li *see* Li Dongkui
Dongming Qiu New simulated inductor using four-quadrant analogue multipliers 19176
Dongming Zhao *see* Daut, D.G. 37014
Dongning Li Finite-time-domain synthesis of recursive linear time-variant causal digital filters by separable sequences 27075
Dongping Zhu, Beex, A.A. Robust spatial autoregressive modeling for hardwood log inspection 45212
Dongqi Shi *see* Xizhi Li 31240
Dongqin Chen *see* Chen Dongqin
Dongqing Chen *see* Chen Dongqing
Dongrong Xu *see* Xu Dongrong
Dongzhong Ling *see* Ling Dongzhong
Donham, B. *see* Randall, B. 391
Donig, F., Feltz, A., Kulakov, M., Hessel, H.E., Memmert, U., Behm, R.J. Gas phase etching of Si(111)-(7×7) surfaces by oxygen observed by scanning tunneling microscopy 27727
Donko, Z. *see* Janossy, M. 43714
Donkor, E., Chiu, S.-Y. High speed switching matrix for fiber optic communications using cross-phase modulation techniques 30781
Donkor, E. *see* Jacob, I. 42191
Donkov, N. *see* Tenchov, C. 9725
Donlagic, D. *see* Matko, V. 14989
Donlagic, D. *see* Mohorko, J. 36915
Donlagic, D. *see* Planinsic, P. 36959
Donlagic, D. *see* Vrbanec, J. 36701
Donley, S. *see* Clough, B.T. 39267
Donmei Gon *see* Gon Donmei
Donmez, M.A. *see* Mou, J. 33428
Donna, G.B.Di *see* Di Donna, G.B.
Donnellan, T.M. *see* Jardine, A.P. 3070
Donnelly, D. *see* Dura, J.A. 9562
Donnelly, J.M., Gauen, K. IGBTs and simulation models simplify automotive ignition system design 33127
Donnelly, J.M., Gauen, K. Models of insulated gate-bipolar transistors (IGBTs) for use in simulation of electronic vehicle ignition design 42865
Donnelly, J.P., Goodhue, W.D., Wang, C.A., Bailey, R.J., Lincoln, G.A., Johnson, G.D., Missaggia, L.J., Walpole, J.N. CW operation of monolithic arrays of surface-emitting AlGaAs diode lasers with dry-etched vertical facets and parabolic deflecting mirrors 28870
Donnelly, K. High performance VHDL simulation using native compiled code 26626
Donnelly, M. *see* Chwirka, S. 17585
Donnelly, M. *see* Johnson, R. 33072
Donnelly, M.K. *see* Johnson, R.M. 25708
Donnelly, T., Troup, T.P., Mapps, D.J. The use of a FPGA in adaptive error correction for a digital recording system 43301
Donnelly, V.M. Extension of infrared-laser interferometric thermometry to silicon wafers polished on only one side 2114
Donnelly, V.M. Real-time determination of the direction of wafer temperature change by spatially resolved infrared laser interferometric thermometry 6837
Donnelly, V.M. *see* Guinn, K.V. 34724
Donnelly, V.M. *see* Guinn, K.V. 41488
Donnelly, V.M. *see* Herman, I.P. 42746
Donnelly, W. *see* Lewis, D. 37283
Donnelly, W. *see* Tschichholz, M. 37287
Donnelly, W. *see* Wade, V. 14034
D'Onofrio, A. *see* Campajola, L. 46877
Donofrio, R.L. White colour standard CRT colour calculations 23287
Donoho, D.L. Unconditional bases are optimal bases for data compression and for statistical estimation 36703
Donohoe, G.W. *see* Calloway, T.M. 46039
Donohoe, J.P., Taylor, C.D. Rhombic illuminator performance at high frequency 44549
Donohoe, J.P. *see* Skinner, B.J. 46058
Donohue, J.T., Rullier, J.L. Electron trajectories in a helical free-electron laser with an axial guide field 43960
Donohue, K.D., Varghese, T. Spectral crosscorrelation for tissue characterization 7397
Donohue, T. *see* McCord, M.A. 27986
Donoval, D. *see* Barus, M. 14887
Donoval, D. *see* Hromcova, J. 42596
Donoval, D. *see* Racko, J. 10742
Donovan, D. *see* Dawson, E. 21622
Donovan, D. *see* Dawson, E. 44668
Donovan, D.P., Whiteway, J.A., Carswell, A.I. Correction for nonlinear photon-counting effects in lidar systems 24492
Donovan, J.A. *see* King, W.L. 24888
Donovan, M. *see* Bogy, D.B. 2820
Donovan, R.P., Yamamoto, T., Periasamy, R. Particle deposition, adhesion, and removal 34699
Donovan, R.P., Yamamoto, T., Periasamy, R., Clayton, A.C. Mechanisms of particle transport in process equipment 1992
Donovan, R.P. *see* Periasamy, R. 852
Donovan, S., Klein, O., Dressel, M., Holczer, K., Gruner, G. Microwave cavity perturbation technique. II. Experimental scheme 19005
Donovan, S. *see* Dressel, M. 19006
Donovan, S. *see* Klein, O. 19004
Donovan, T.E. *see* Kadakia, S.D. 9298
Donovan, W.J., Maier, T.O. Generic architecture for color data interchange 36953
Donovan, W.P. A pain-free approach to SNA internetworking 45559
Dons, E. *see* Weber, A. 42754
Donszelmann, M. *see* Adye, T. 38896
Donzelli, D.P. GaAs versus silicon technology 28243
Donzelli, G.P. *see* Bastida, E.M. 27286
Donzelli, G.P. *see* Bastida, E.M. 28203
Doody, B.C. *see* Miethig, M. 46514
Doody, M. *see* Wood, D. 31135
Doober, B.P., Elliott, E. Dynamic thermal testing and winding temperature response of a 30-MVA transformer 40280
Doobgin, A.V., Zel'dovich, B.Ya., Miklyaev, Yu.V. Excitation of a direct current through a photoconducting crystal in an asymmetric alternating field [hologram recording] 35562
DooHyun David Kim *see* Baker, R. 13970
DooHyun Kim *see* Rennison, E. 37239
Dool, F.van den *see* van den Dool, F.
Dooley, G.J. *see* Blamey, P.J. 7484
Dooley, G.J. *see* Blamey, P.J. 31988
Dooley, J.A. *see* Katti, R.R. 43336
Dooling, D.R. *see* Mullin, L.M.R. 13900
Doom, J.van *see* van Doom, J.
Doombos, J. Magnetic resonance imaging 7364
Doong Jiann-Cherng *see* Jiann-Cherng Doong
Dooren, G.A.J.van *see* van Dooren, G.A.J.
Doorn, A.K.Jansen van *see* Jansen van Doorn, A.K.
Doorn, A.R.van *see* van Doorn, A.R.
Doorn, B.A.van *see* van Doorn, B.A.
Doorn, E.A.van *see* van Doorn, E.A.
Doorn, J.van *see* van Doorn, J.
Doorn, T.Van *see* Van Doorn, T.
Doornbos, J. *see* Blomqvist, I. 38934
Doorselaer, K.Van *see* Van Doorselaer, K.
Doowon Suh *see* Calvert, J.M. 11036
Dopheide, D., Strunck, V., Krey, E.-A. Three-component laser Doppler anemometer for gas flowrate measurements up to 5500 m^3/h 46672
Dorai, V.S., Narasimhan, I., Joseph, J. Computer based annunciation system for monitoring of 500 MW Unit 6 at Trombay Thermal Power Station 16624
Doraiswami, R., Liu, W. On-line tuning of power system controllers 16206
Doraiswami, R. *see* Dash, P.K. 39463
Doraiswamy, P.C. *see* Teng, W.L. 39396
Doran, M.V. *see* LaBoe, S.P. 30545
Doran, N.J., Forysiak, W. Optimising the capacity of soliton systems 12407
Doran, N.J. *see* Forysiak, W. 28468
Doran, N.J. *see* Forysiak, W. 30750
Doran, N.J. *see* Nayar, B.K. 20451
Doran, S.P. *see* Rothschild, M. 27946
Doran, W.F., IV A connection between alternating sign matrices and totally symmetric self-complementary plane partitions 535
Doran, W.G., Koutsoukos, A., Vacek, M.G. Huaneng International Power Development Corporation Shidongkou second power plant 32649
D'Orazio, A., De Sario, M., Petruzzelli, V., Prudenzano, F., Savino, M. Electromagnetic field evolution of leaky waves guided by an asymmetric optical waveguide 20352
D'Orazio, A. *see* Camarda, P. 23061
D'Orazio, A. *see* Castagnolo, B. 3788
D'Orazio, A. *see* Cucurachi, S. 31158
D'Orazio, A. *see* De Sario, M. 3812
D'Orazio, T. *see* Stella, E. 13384
Dorband, J.E. *see* Aburdene, M.F. 9367
Dorda, A. *see* Adametz, C. 40582
Dordoev, S. *see* Akaev, A. 11569
Dordoev, S.Z. *see* Akaev, A.A. 28571
Dordor, P. *see* Campet, G. 27489
Dordrecht, A.van *see* van Dordrecht, A.

Dordrecht, A.von *see* von Dordrecht, A.
Dore, U. *see* Buontempo, S. 31696
Doremus, D. *see* Buell, H. 39272
Dorenbos, P., de Haas, J.T.M., Visser, R., van Eijk, C.W.E., Hollander, R.W. Absolute light yield measurements on BaF_2 crystals and the quantum efficiency of several photomultiplier tubes 7191
Dorenbosch, J. *see* Wang, E.M. 24104
Doreswamy, C.V. *see* Ford, G.A., II 47211
Dorey, A.P. *see* A'ain, A.K.B. 34188
Dorey, A.P. *see* Bratt, A.H. 28272
Dorey, A.P. *see* Harvey, R.J.A. 1344
Dorey, H. Low power radio and metering 45492
Dorey, P. *see* Basseville, M. 6865
Dorfan, D. *see* O'Shaughnessy, K. 47008
Dorfan, D.E. Bipolar front-end amplifier for use with silicon strip detectors 46974
Dorfan, D.E. *see* Barberis, E. 24093
Dorfan, J., Hutton, A., Zisman, W.A., Barletta, W.A. PEP-II asymmetric *B* factory: R&D results 15288
Dorfler, P.K., Brenner, E. Computing hydraulic transients in the Lungern Lake plant 16705
Dorfner, P. *see* Crousillat, E.O. 24849
Dorgeuille, F. *see* Devaux, F. 43523
Dori, A., Kapron, F. Requirements for passive fiber optic components 35341
Dori, D. *see* Harris, A.I. 7382
Dori, L. *see* Marwick, A.D. 19448
Doria, A. *see* Dipace, A. 3700
Doria, D.M., Gee, A. Using model-driven feedback in neural network objection recognition 29930
Doria, D.M. *see* Gee, A. 29773
Dorier, J.-L. *see* Kroll, U. 33711
Dorighi, N.S., Grunwald, A.J., Ellis, S.R. Perspective format for a primary flight display and its effect on pilot spatial awareness 39202
Dorikens, M. *see* Segers, D. 31553
Dorikens-Vanpraet, L. *see* Segers, D. 31553
Doring, C. *see* Trah, H.-P. 25621
Doring, F. *see* Mylonas, J. 39915
Doring, H.-J. *see* Elsner, H. 28003
Doring, K. *see* Bertram, W. 15312
Doriot, P.A. *see* Guggenheim, N. 38970
Dorizzi, B., Duval, J.-M., Debar, H. Use of recurrent networks for electricity consumption forecasting 16276
Dorkel, J.-M. *see* Tounsi, P. 1032
Dorken, E. *see* Nawab, S.H. 21722
Dorman, D. *see* Scott, C. 37244
Dormans, G.J.M., de Keijser, M., van Veldhoven, P.J. Ferroelectric $PbZr_xTi_{1-x}O_3$ thin films grown by organometallic chemical vapor deposition 9779
Dormans, G.J.M. *see* De Keijser, M. 33746
Dormans, G.J.M. *see* van Glabbeek, J.J. 28324
Dorme, C., Fink, M., Prada, C. Focusing in transmit-receive mode through inhomogeneous media: The matched filter approach 13197
Dormido, S. *see* Aranda, J. 36704
Dormido, S. *see* de Madrid, A.P. 40234
Dorn, R., Holschumacher, R., Reutz, O. SO_2 and NO_x emissions reduction technologies in large power stations in seven European OECD countries 47707
Dorn, R. *see* Rentz, A. 47706
Dornen, A. *see* Scholz, F. 9588
Doroba, K., Fischer, H.G., Krolikowski, J., Szeptycka, M., Szymanski, P. The influence of upstream material on the performance of an electromagnetic calorimeter inside a magnetic field 7227
Dorofeev, A.M. *see* Bondarenko, V.P. 28682
Dorofeev, Yu.B. *see* Dyachenko, P.P. 20641
Dorogovtsev, S.N., Kuz'min, Yu.I. Critical state of a chain of SQUIDs 2893
Dorogovtsev, S.N. *see* Bryksin, V.V. 3904
Dorogovtsev, S.N. *see* Bryksin, V.V. 29033
Dorokhov, V.D. *see* Barykin, A.A. 12339
Doronin, S.A., Dubovik, N.N., Kotenko, L.P. A digital detector of frequency-shift keyed signals with increased noise immunity 36696
Doroshenko, M.E. *see* Loutts, G.B. 18126
Doroshenko, M.E. *see* Sigachev, V.B. 20733
Doroshenko, V.A. Excitation of a cone with long shots by a magnetic radial dipole 29276
Doroshkevitch, E. *see* Bertin, P.Y. 38937
Doroski, D. *see* Burdge, G. 3215
Doroski, D. *see* Sharp, G. 20410
Doroslovacki, M., Fan, H., Djuric, P.M. Time-frequency localization for sequences 13325
Dorr, C., Cecchin, T., Sauter, D., Di Renzo, N., Mouze-Amady, M. Detection, extraction and spectral analysis of sleep spindles in human EEG 24322
Dorrio, B.V. *see* Lopez, C. 6525
Dorris, D.L., Pace, M.O., Blalock, T.V., Alexeff, I. New results in the search for electrical signals during water tree growth 43152
Dorsaz, P.A. *see* Guggenheim, N. 38970
Dorsch, R.G., Hausler, G., Herrmann, J.M. Laser triangulation: fundamental uncertainty in distance measurement 44174
Dorsch, R.G., Lohmann, A.W., Sinzinger, S. Fresnel ping-pong algorithm for two-plane computer-generated hologram display 36073
Dorschel, B., Guhr, A. Measurement of the potential alpha energy concentration of radon daughters by means of a double chamber system and solid state nuclear track detectors 24084
Dorschner, H.-W. *see* Brauer, R. 31366
Dorschner, T.A. *see* McManamon, P.F. 11699
Dorsey, D.L. *see* Trivedi, R. 9601
Dorsey, J. *see* Tabler, J. 16232
Dorsey, J.F. *see* Qu, Z. 24760
Dorsinville, R. *see* Haglund, R.F., Jr. 21065
Dorsinville, R. *see* Yang, L. 21011
Dorssen, G.E.van *see* van Dorssen, G.E.
Dort, M.J.van *see* van Dort, M.J.
Dortmann, G. *see* Stareev, G. 27565
dos Santos, J.M.F., Bento, A.C.S.S.M., Conde, C.A.N. The performance of the curved grid gas proportional scintillation counter in X-ray spectrometry 31805
Dos Santos, J.M.F. *see* Conde, C.A.N. 7241
Dos Santos, O. *see* Obadi, A. 9566
dos Santos, P.A.M. *see* Nader, G. 44169
Dosaka, S. SIS technology for PC/WS 5476
Dosanjh, P. *see* Ma, Q.Y. 41280
Doscher, M. *see* Patterson, D. 17912
Doscher, M. *see* Pauli, M. 9648
Doser, B. Transient overvoltages across line traps as a result of disconnector operation 8723
Doshi, B.T. Social, individual, and greedy optimization in queueing systems with multiple sources and additional delay: application to high speed packet networks 5217
Doshi, B.T. *see* Anderson, J. 37599
Dosiere, F. *see* De Ridder, J.-J. 22827
Doskocil, D.C. Advanced RF built in test 24573
Doskolovich, L.L., Kazanskii, N.L., Soifer, V.A. Calculation of two-order focusators 12440
Doskolovich, L.L., Khonina, S.N., Kotlyar, V.V., Nikolsky, I.V., Soifer, V.A., Uspleniev, G.V. Focusators into a ring 12288
Doskow, J. *see* Ross, M.A. 31615
Doss, E.D., Geyer, H.K. An overview of MHD seawater thruster performance and loss mechanisms 25905
Doss, E.D. *see* Picologlou, B.F. 25906
Dossadin, V.I., Kiryushin, Yu.I., Pen, E.F., Sinyukov, A.M., Shelkovnikov, V.V. Optical amplification in the photopolymer material 12424
Dossel, O., David, B., Fuchs, M., Kruger, J., Ludeke, K.-M., Wischmann, H.-A. Localization of current dipoles with multichannel SQUID systems 15821
Dossel, O. *see* Grundler, D. 23507
Dosselli, U. *see* Gasparini, F. 46980
Dosser, O.D. *see* Canham, L.T. 41399
Dosser, O.D. *see* Cullis, A.G. 19568
Dosso, S.E., Yeremy, M.L., Ozard, J.M., Chapman, N.R. Estimation of ocean-bottom properties by matched-field inversion of acoustic field data 4665
Dostal, T., Mikula, J. Circuit analysis with the aid of signal and transformation graphs 9871
Dostal, T., Mikula, J. Analysis of circuits with switched capacitors by means of signal-flow graphs 18862
Dostal, T. *see* Mikula, J. 9932
Dostal, Z., Lipo, T.A., Chalmers, B.J. Influence of current waveshape on motoring performance of the slotless permanent-magnet machine Torus 8279
Dostov, V.L., Ipatova, I.P., Kulikov, A.Yu., Zhyliaev, Yu.V. Theoretical treatment of A^3B^5 chloride vapour-phase epitaxy: growth, doping, optimization 731
Dote, Y., Strefezza, M., Suyitno, A. Neuro fuzzy robust controllers for drive systems 17488
Dote, Y. *see* Harashima, F. 4833
Dote, Y. *see* Strefezza, M. 8465
Dote, Y. *see* Strefezza, M. 16910
Dote, Y. *see* Suyitno, A. 16879
Dothey, M. *see* de Mateo, M.L. 37935
Dothey, M. *see* Deketelaere, S. 13145
Dothey, M. *see* Van Himbeeck, C. 37892
Doting, J. *see* Katz, A. 20903
Dotl, R. *see* Jericha, H. 39984
Dotor, M.L. *see* Gonzalez, L. 33595
Dotor, M.L. *see* Huertas, P. 15095
Dotsch, H. *see* Erdmann, A. 3090
Dotsch, H. *see* Shamonin, M. 11668
Dotsenko, A.V. *see* Petrovskii, G.T. 20237
Dotsenko, V.P. *see* Vyvolokin, A.E. 12708
D'Ottavi, A. *see* Mecozzi, A. 12104
Dottellis, J.B. *see* I-Fan Wu 3298
Dotts, A., Birkley, D. Development of reusable test equipment software using Smalltalk and C 23770
Doty, J. *see* Perez, R. 47809
Doty, J.R., III *see* Bailey, B.H. 32793
Dou, H., Barthelemy, P., Hassanaly, P., Maupin, V. Collaboration between laboratories in Provence Alpes Cote D'Azur (PACA): networking facilities and organisational aspects 22551
Dou, S.X., Josse, D., Zyss, J. Near-infrared pulsed optical parametric oscillation in *N*-(4-nitrophenyl)-L-prolinol at the 1-ns time scale 3848
Dou, S.X. *see* Guo, Y.C. 35259
Dou Ruihua *see* Tan Lijun 4410
Dou Ruihua *see* Tan Lijun 13869
Dou Wenhua *see* Wenhua Dou
Dou Yongping *see* Yongping Dou
Douay, M., Fertein, E., Xie, W.X., Bernage, P., Niay, P., Bayon, J.F., Georges, T. Thermal hysteresis of Bragg wavelengths of intra-core fiber gratings 43417
Doucas, G., Mulvey, J.H., Omori, M., Walsh, J., Kimmitt, M.F. First observation of Smith-Purcell radiation from relativistic electrons 4003
Doucet, J.A. Presentation of operational graphs and their use in electromagnetism 29094
Dougal, R.A. *see* Bailey, D.W. 28634
Dougherty, B.L., Cabrera, B., Lee, A.T., Penn, M.J., Young, B.A. Charge trapping effects in cryogenic particle detectors made using single-crystal semiconductor substrates 24034
Dougherty, B.L. *see* Penn, M.J. 24037
Dougherty, E.D. *see* Kraus, E.J. 22063
Dougherty, E.R., Sinha, D., Sinha, P. Fuzzy morphological filters 30034
Dougherty, E.R. *see* Cheng, Y. 5003
Dougherty, E.R. *see* Cuciurean-Zapan, C. 29941
Dougherty, E.R. *see* Joughin, I.R. 21974
Dougherty, E.R. *see* Sinha, P. 4911
Dougherty, G. Spectral analysis of laser Doppler signals in real time using digital processing 31845
Dougherty, J.P. *see* Bacsa, R. 9693
Dougherty, J.P. *see* Hackenberger, W.S. 17861
Dougherty, J.P. *see* Harshe, G. 2715
Dougherty, J.P. *see* Harshe, G. 2716
Dougherty, R.J. An IEEE 1149.1 boundary scan application for BIT 39429
Dougherty, R.M. A design method for FET applications 1560
Dougherty, R.M. Active hybrid offers multi-octave bandwidth performance 19095
Dougherty, R.M. Characteristic impedance control of a CPW 19101
Dougherty, S.T. A coding theoretic solution to the 36 officer problem 44690
Doughty, D.C., Lemon, S., Bonneau, P. Asynchronous inputs and flip-flop metastability in the CLAS trigger at CEBAF 15664
Doughty, K. *see* Yordanov, B. 29215
Doughty, N.C. VPN Centrex—a market overview. Private networks—factors causing change 14027
Douglas, B. *see* Mielczarski, W. 16240
Douglas, B.L., Kent, S.D., Hua Lee The use of image contrast and entropy criteria for the estimation of imaging parameters in acoustic microscopy 32143
Douglas, B.L., Kent, S.D., Lee, H. Parameter estimation and the importance of phase in acoustic microscopy 16027
Douglas, J. EMF in American homes 6711
Douglas, J. Managing magnetic fields 15932
Douglas, J. Solving problems of power quality 24894
Douglas, J. New technologies for electric steelmaking 33161
Douglas, J. Power quality solutions 39590
Douglas, J., Jr., Hensley, J.L., Roberts, J.E. An alternating-direction iteration method for Helmholz problems 26372
Douglas, J.D. *see* Lam, L.T. 40427
Douglas, J.D. *see* Manders, J.E. 40416
Douglas, L.D., Green, T.A., Kramer, R.A. New approaches to the AGC nonconforming load problem 47425
Douglas, L.D. *see* Ghoshal, K. 47418
Douglas, M., Forbes, B. Telecom Australia's internal mobile communications system 5815
Douglas, R.J., Boulanger, J.-S. Local oscillator requirements for timekeeping in the $10^{-14}\tau^{-1/2}$ era 23376
Douglas, S.C. A frequency-domain subpixel position estimation algorithm for overlay measurement 15208
Douglas, S.C. Exact expectation analysis of the sign-data LMS algorithm for i.i.d. input data 21909
Douglass, R.H. *see* Dickey, T.D. 7636
Douglass, S.R. *see* Post, R.F. 23961
Douglis, F. The compression cache: using on-line compression to extend physical memory 21776
Douillez, P. The economic analysis of the operation of energy storage 40390
Doulgeridis, M. *see* Hontzopoulos, E. 12500
Douligeris, C. Intelligent home systems 22535
Douligeris, C. Multiobjective flow control in delay constrained telecommunication networks 30200
Douligeris, C., Pereira, I.J. A telecommunications quality study using the analytic hierarchy process 45380
Douligeris, C. *see* Cross, D.L. 14605
Douligeris, C. *see* Wan, T.C. 30258
Doumani, A. Real-time support for VXI 23458
Doumenis, Gr.A., Konstantoulakis, G.E., Reisis, D.I., Stassinopoulos, G.I. A personal computer hosted terminal adapter for the broadband integrated services digital network and applications 14273
Doumi, T.L., Gardiner, J.G. Description of a simple TDMA mobile radio simulator 5825
Douseki, T., Aoyama, K., Omura, Y. Dependence of CMOS/SIMOX inverter delay time on gate overlap capacitance 1181
Doussiere, P., Garabedian, P., Graver, C., Bonnevie, D., Fillion, T., Derouin, E., Monnot, M., Provost, J.G., Leclerc, D., Klenk, M. 1.55 μm

polarisation independent semiconductor optical amplifier with 25 dB fiber to fiber gain 43932
Doussiere, P., Garabedian, P., Graver, C., Derouin, E., Gaumont-Goarin, E., Michaud, G., Meilleur, R. Tapered active stripe for 1.5-μm InGaAsP/InP strained multiple quantum well lasers with reduced beam divergence 28824
Doussiere, P. *see* Chironi, D. 37687
Doussiere, P. *see* Mikkelsen, B. 23011
Doussiere, P. *see* Mikkelsen, B. 38129
Doussiere, P. *see* Simon, J.C. 28810
Doussiere, P. *see* Stubkjaer, K. 28874
Doutreloigne, J. *see* Capon, J. 15073
Doutreloigne, J. *see* De Baets, J. 27768
Doutreloigne, J. *see* De Baets, J. 31371
Doutreloigne, J. *see* De Smet, H. 31359
Douverne, E. *see* Biester, M. 14418
Douzono, Y. *see* Harada, N. 25358
Douzono, Y. *see* Okamura, T. 25355
Doval, A.F. *see* Lopez, C. 6525
Dove, D.B. *see* Shih, K.K. 27890
Dove, D.B. *see* Shih, K.K. 42793
Doverspike, K., Butler, J.E., Freitas, J.A., Jr. Deposition of flame grown diamond films in a controlled atmosphere 858
Doverspike, R.D., Morgan, J.A., Leland, W. Network design sensitivity studies for use of digital cross-connect systems in survivable network architectures 37171
Dovgalenko, G. *see* Kukhtarev, N. 21101
Dovio, E. *see* Mottet, S. 35491
Dow, A.I., Shafer, S.A., Waggoner, A.S. Morphological segmentation of multi-probe fluorescence images for immunophenotyping in melanoma tissue sections 7370
Dow, G.S. *see* Sharma, A.K. 1649
Dow, G.S. *see* Ton, T.-N. 1574
Dow, G.S. *see* Wang, H. 1594
Dow, G.S. *see* Wang, H. 1606
Dow, G.S. *see* Wang, H. 10498
Dow, J.D. *see* Tsai, M.-H. 19596
Dowben, P.A. *see* Dongjin Byun 41466
Dowben, P.A. *see* Hwang, S.-D. 42784
Dowben, P.A. *see* Lee, S. 11137
Dowben, P.A. *see* Sunwoo Lee 42841
Dowd, J.P. *see* Bar-Yam, Z. 46864
Dowd, M. Higher type categories 9409
Dowd, P.W., Bogineni, K. A modeling technique for media access protocol evaluation 13910
Dowd, P.W., Bogineni, K., Aly, K.A., Perreault, J.A. Design and analysis of a hierarchical scalable photonic architecture 14616
Dowd, P.W., Bogineni, K., Aly, K.A., Perreault, J.A. Hierarchical scalable photonic architectures for high-performance processor interconnection 20449
Dowd, P.W., Bogineni, K.K. Switching latency overlap techniques for WDM star-coupled media access protocols 5487
Dowd, P.W. *see* Bogineni, K. 30220
Dowd, P.W. *see* Sivalingam, K.M. 37540
Dowdell, J. *see* Ahmed, T. 38929
Dowdy, M. *see* Li-Jen Cheng 24470
Dowell, D.H., Davis, K.J., Friddell, K.D., Tyson, E.L., Lancaster, C.A., Milliman, L., Rodenburg, R.E., Aas, T., Bernes, M., Bethel, S.Z., Johnson, P.E., Murphy, K., Whelen, C., Busch, G.E., Remelius, D.K. First operation of a photocathode radio frequency gun injector at high duty factor 12255
Dowell, D.H. *see* Joly, S. 44009
Dowell, J. *see* Ahmed, T. 38929
Dowell, J. *see* Webster, K. 31792
Dowgiallo, E.J., Burke, A.F. Ultracapacitors for electric and hybrid vehicles—a technology update 48426
Dowgiallo, E.J. *see* Burke, A.F. 48396
Dowlatabadi, A.B., Connelly, J.A. Macromodeling an analog frequency-to-voltage converter 10376
Dowling, A.R., King, R.W., Vonwiller, J.P. An artificial neural network for automatic spoken language recognition 4566
Dowling, D., Washler, A. Modernization and standardization of aircraft fuel quantity indicating systems 39206
Dowling, D.R. Phase-conjugate array focusing in a moving medium 16065
Dowling, E. *see* Pawate, B.I. 29530
Dowling, E.M., Ammann, L.P., DeGroat, R.D. An adaptive TQR-SVD for angle and frequency tracking 21907
Dowling, E.M. *see* DeGroat, R.D. 21908
Dowling, E.M. *see* MacFarlane, D.L. 20503
Dowling, J. *see* Woods, R.F. 18786
Dowling, J.P., Scalora, M., Bloemer, M.J., Bowden, C.M. The photonic band edge laser: a new approach to gain enhancement 35818
Dowling, S. *see* West, R.H. 3540
Down, B. *see* Jasiobedzki, P. 31295
Downer, M. *see* Nakajima, K. 7013
Downer, N.W. *see* Tamanaha, C. 38951
Downes, P. Chaotic time series analysis of AM, FM, SSB, and FSK signals 36475
Downes, P. Secure communication using chaotic synchronization 36480
Downes, P.T. Applications of chaotic time series analysis to signal processing 21891
Downey, D. *see* Liu, T. 14796
Downey, E. *see* Ghezzo, M. 2417
Downey, N., Patel, A. High level generic design of an ISDN programming communications interface (PCI) for EuroISDN 14276
Downey, S.W. *see* Ren, F. 2486
Downie, J.D. Optimal binary phase and amplitude correlation filters for polarization-rotating spatial light modulators 3199
Downie, P., Litchfield, D., Parsons, R., Reynolds, D.J., Powis, I. High-resolution position-sensing resistive anode microchannel plate detector systems suitable for megahertz count-rates 24064
Downing, A. *see* Baker, R. 13970
Downing, E.N. *see* Foord, J.S. 697
Downing, R., Gebler, P., Katopis, G. Decoupling capacitor effects on switching noise 19172
Downing, R.G. *see* Xiao, Q.F. 15486
Downs, M. *see* Battiste, V. 39213
Downs, M.J. *see* Birch, K.P. 6289
Downs, M.M. *see* Motoshima, K. 43791
Downs, S.J. Asynchronous transfer mode and public broadband networks: the policy opportunities 45421
Downs, T., Tsoi, C., Schulz, M., Lovell, B., Barlow, M., Booth, I., Shrimpton, D., Watson, B. An overview of the speaker verification project at the University of Queensland 4552
Downtain, D.A., Montana, R.A. B&W Owners Group: taking the initiative on performance 32545
Dowsett, M.G. *see* Cooke, G.A. 42617
Dowson, S.P. Sound level meter calibration and verification 39409
Doyeol Ahn, Tae-Kyung Yoo Envelope function calculations of linear and nonlinear optical gains in a strained-layer quantum-well laser 43843
Doyeux, H. *see* Deschamps, J. 6696
Doyle, A.F. *see* Casey, J.D., Jr. 42716
Doyle, B.L. *see* Sexton, F.W. 35074
Doyle, B.L. *see* Strane, J.W. 9513
Doyle, B.L. *see* Strane, J.W. 33664
Doyle, B.S., Mistry, K.R. Anomalous hot-carrier behavior for LDD p-channel transistors 19840
Doyle, D.H. *see* Sundaram, V.S. 2057
Doyle, D.J. A low cost alternative to reinforcing PTFE based printed circuit boards 1746
Doyle, M. *see* Fuller, T.F. 25660
Doyle, M. *see* Fuller, T.F. 48094
Doyle, R. *see* Yamada, T. 42312
Dozet, M. Transfer functions with constant group delay 10252
Dozier, C.M. *see* Freitag, R.K. 34976
Dozono, Y. *see* Ikeda, S. 25354
Dozono, Y. *see* Yoshikawa, K. 25353
Dozono, Y. *see* Yugami, H. 25357
Drab, E.S. *see* Barsky, A.G. 36057
Drabeck, L., Polakos, P., O'Malley, M., Schneider, M.V., Trambarulo, R., Mankiewich, P. High temperature superconductor subharmonically pumped digital phase modulator/demodulator 18537
Drabeck, L., Polakos, P., O'Malley, M., Schneider, M.V., Trambarulo, R., Mankiewich, P. High temperature superconducting Gbit/s subharmonically pumped modulator/demodulator 26746
Drabent, W. *see* Kuchcinski, K. 33999
Drabik, W., Bigolas, J., Janiczek, J., Kielsznia, R. High power electron accelerator for flue-gas treatment 15331
Drabkin, I.A. *see* Zhitinskaya, M.K. 34550
Drach, S. *see* Bender, M. 22564
Drachev, A.E., Kal'nin, A.A., Luchinin, V.V. A learning network using adaptive magnetic elements 28394
Drachsel, W., Gorodetskii, V., Block, J.H. Mass separation of image gas field ions in the field ion microscope 42379
Dracos, M. *see* Adam, W. 46929
Dragan, Ya.P. Problems in the theory of stochastic signals and issues from the energy concept 45021
Draganescu, O. Aspects concerning the transitory regimes on the connection to the supply network, through the star-triangle method and on the asynchronous motor disconnection from the network 32853
Dragoman, M., Kremer, R., Jager, D. Pulse generation and compression on a travelling-wave MMIC Schottky diode array 43069
Dragoman, M. *see* Knigge, S. 3802
Dragomirescu, M., Ivan, C. The smallest convex extension of a convex function 549
Dragone, C. *see* Young, M.G. 23005
Dragoni, C. *see* Bassano, L.C. 32483
Dragoni, C. *see* Colombo, B.L. 32484
Dragulinescu, D., Grigoriu, C., Tobos, L. Compact excimer laser system 20635
Dragunevicius, A. Energy supply concept in the Baltic states: possibilities of power interconnection with NORDEL and UCPTE 24786
Drahota, A., Ford, P.H., Vincent, I.G. Location transparency in heterogeneous networks 22579
Drahy, J. *see* Slouf, J. 32731
Drain, D. *see* Benchekroun, D. 7218
Drake, A.D. *see* Hughes, M.A. 38530
Drake, C. *see* Park, D. 16263
Drake, C. *see* Park, D. 16267
Drake, D., Nichols, G., Nowland, W., Smith, G. The delivery of television by satellite in Australia 6183
Drake, E. *see* Medina, F. 29256
Drake, E.D. *see* Arias, J.L. 40625
Drake, K. *see* Abadir, M. 9288
Drake, L.A., Rutledge, J.C., Cohen, J. Wavelet analysis in recruitment of loudness compensation 47127
Drake, P.R. Condition monitoring check-out and sensitivity analysis for multi-variate system performance statistics 16787
Drake, S., White, M., Felthouse, A., Ganderton, C., Glanfield, S. Computational analysis of air and heat flow in electronic systems 9877
Drakhlis, B.G. *see* Vorohkovsky, Y.L. 20090
Drakin, A.E. *see* Lin, M.E. 2925
Drakul, S.L., Biglieri, E. Design and performance of an 8-dimensional modulation scheme 44658
Drakunov, S.V. *see* Su, W.-C. 25456
Drangova, M., Holdsworth, D.W., Picot, P.A., Schulenburg, K., Fenster, A. A modified X-ray image intensifier with continuously variable field of view: resolution considerations 31866
Drangova, M. *see* Ryan, L.K. 7408
Dransfeld, K. *see* Koslowski, B. 27481
Draper, B.A., Buluswar, S., Hanson, A.R., Riseman, E.M. Information acquisition and fusion in the mobile perception laboratory 29754
Draper, C., Gordon, M., Laduca, A., Dolcin, J., Kragness, R., Possanza, B. A forensic investigation of the contamination impact of an aging wafer scrubber 34747
Draper, C. *see* Olness, G. 34864
Draper, D. *see* Partovi, H. 41760
Draper, M.E., Delcomyn, W.E. How TVA's new, integrated business system works 39528
Draper, P.A. SDC calorimeter calibration 24017
Draper, R.M., King, R.L. Fuzzy controller for the exciter of a salient-pole synchronous generator 47860
Drascic, D., Grodski, J.J. Using stereoscopic video for defence teleoperation 24584
Dratzig, A.Schultz von *see* Schultz von Dratzig, A.
Dravida, S., Saksena, V.R. Analysis and engineering of a voice/data packet multiplexer 22720
Dravida, S. *see* Anderson, J. 37599
Draxelmayr, D. *see* Pernull, H. 6230
Draxler, B. *see* Grotzbach, M. 25555
Draxler, P.J. Electromagnetic simulator interfacing to a general CAD framework: automatic, electromagnetic-based mesh generation 946
Drayton, R.F., Katehi, L.P.B. Micromachined circuits for MM-wave applications 27267
Drayton, R.F. *see* Katehi, L.P.B. 19102
Drechsler, R. *see* Hengster, H. 41820
Drees, A. *see* Baur, R. 46897
Drees, A. *see* Baur, R. 46911
Drefenstedt, R. *see* Abolhassan, F. 26933
Dreher, A., Pregla, R. Full-wave analysis of radiating planar resonators with the method of lines 18997
Dreher, J. *see* Hambitzer, G. 17203
Dreicer, H. *see* Channell, P.J. 7118
Dreier, A. *see* Caelli, T. 45098
Dreier, M. *see* Dammer, U. 28348
Dreike, P.L., Barton, D.L., Sandoval, C.E. Analysis of parametric drift of a MESFET-based GaAs MMIC due to 125°C storage 42224
Dreischuh, T.N. *see* Gurdev, L.L. 14711
Dreisewerd, D. *see* Chenoweth, A. 14567
Dreisewerd, D. *see* Driemeyer, D. 14565
Dreisewerd, D. *see* Jackson, J. 12097
Dreizin, L.Z. *see* Bystrova, O.V. 25314
Dremin, G.I. *see* Antsiferov, V.V. 46726
Drenker, S.G. *see* Wheeldon, J.M. 32640
Drenska, M. *see* Jordanova, J. 39872
Dreo, G. *see* Lewis, L. 45442
Drerup, B.C., Swartzlander, E.E., Jr. Fast multiplier bit-product matrix reduction using bit-ordering and parity generaton 26792
Drescher, K. *see* Vogt, M. 26477
Dresen, A. *see* Jung, N. 1291
Dresner, L. Quench energies of uncooled superconductors 20224
Dresner, L. On the connection between normal zone voltage and hot spot temperature in uncooled magnets 20226
Dressel, M., Klein, O., Donovan, S., Gruner, G. Microwave cavity perturbation technique. III . Applications 19006
Dressel, M. *see* Donovan, S. 19005
Dressel, M. *see* Klein, O. 19004
Dresselhaus, M.S. *see* Hicks, L.D. 19386
Dressick, W.J., Calvert, J.M. Patterning of self-assembled films using lithographic exposure tools 27841
Dressick, W.J., Dulcey, C.S., Georger, J.H., Jr., Calabrese, G.S., Calvert, J.M. Covalent binding of Pd catalysts to ligating self-assembled monolayer films for selective electroless metal deposition 19647
Dressick, W.J. *see* Calvert, J.M. 2309
Dressick, W.J. *see* Calvert, J.M. 11036
Dressick, W.J. *see* Dulcey, C.S. 11089
Dreszer, P., Chen, W.M., Wasik, D., Walukiewicz, W., Liang, B.W., Tu, C.W., Weber, E.R. Properties of resonant localized donor level in low-temperature-grown InP 42409
Dreszer, P. *see* Claverie, A. 19517
Dreszer, P. *see* Jager, N.D. 34891

Drevillon, B., Solomon, I., Fang, M. The physics of plasma deposition of microcrystalline silicon 9741
Drevillon, B. *see* Layadi, N. 848
Drevillon, B. *see* Ossikovski, R. 42589
Drevillon, B. *see* Ossikovski, R. 42642
Drevillon, B. *see* Shirai, H. 41420
Drevillon, B. *see* Solomon, I. 27764
Drevlak, M. *see* Balewski, K. 46775
Drevna, M.J. *see* Pierce, N.G. 255
Drew, M., Kemp, K. Automatic feedback control to optimize stepper overlay 11042
Drew, M.S. *see* Funt, B.V. 29886
Drew, P.G. The changing world of medical imaging 39002
Drew, S. *see* Fusco, V.F. 29305
Drewery, J.O., Easterbrook, J.E., Storey, R., Thomas, G.A. An enhanced studio coding system for width bandwidth channels 31018
Drewery, J.S. *see* Cho, G. 7181
Drewery, J.S. *see* Gyuseong Cho 31791
Drewery, J.S. *see* Lee, H. 31232
Drewes, A.M., Andreasen, A., Assentoft, J.E. Seven-channel digital telemetry system for monitoring and direct computer capturing of biological data 24279
Drewes, A.M. *see* Nielsen, K.D. 38960
Drews, J. *see* Zeindl, H.P. 19546
Drewsen, M. *see* Clairon, A. 6300
Drexhage, K.H. *see* Schwan, C. 3838
Drexler, H. *see* Hertel, G. 42520
Dreybrodt, J. *see* Oshinowo, J. 10809
Dreyer, D.R. *see* Carr, J.J. 2997
Dreyer, H.P. *see* Sass, W. 24341
Dreyer, M.L., Fu, K.Y., Varker, C.J. The effects of temperature and microstructure on the components of electromigration mass transport 42766
Dreyfus, G., Macchi, O., Marcos, S., Nerrand, O., Personnaz, L., Roussel-Ragot, P., Urbani, D., Vignat, C. Adaptive training of feedback neural networks for non-linear filtering 4643
Dreyfus, R.W., Phipps, C., Vertes, A. Extending laser fusion concepts into the lower power ($\lesssim$1 GW/cm^2) microelectronics arena 19970
Drezga, I. *see* Rahman, S. 16280
Driancourt, X., Gallinari, P. Empirical risk optimisation: neural networks and dynamic programming 4488
Dricot, F. *see* Konig, D. 35154
Driel, H.M.van *see* van Driel, H.M.
Driemeyer, D., Chenoweth, A., Dreisewerd, D., Lambert, S., Morris, T., Casey, W. Size, weight, and power trends in laser crosslinks 14565
Driessche, V.Van *see* Van Driessche, V.
Driessen, A. *see* de Ridder, R.M. 45941
Driessen, F.A.J.M. *see* Bauhuis, G.J. 27478
Driessen, P.F. *see* Kirlin, R.L. 12600
Driessen, P.F. *see* Zhen-Liang Shi 36699
Drift, E.van der *see* van der Drift, E.
Driga, M.D. *see* Chang, J.H. 4027
Driga, M.D. *see* Chang, J.H. 44268
Driggers, R.G. *see* Clayton, W.R. 13600
Drimusz, L. *see* Redl, R. 25524
Drinnon, T.J. *see* Dunlop, J.A. 842
Drira, K. The refusal graph: a tradeoff between verification and test 30506
Drira, K., Azema, P. Verifying communication protocols via testing-projection 37130
Dris, M. *see* Adam, W. 46929
Drischler, J.D. *see* Smith, M.S. 8091
Driscoll, J. *see* Bach, E. 582
Driscoll, K. *see* Hoyme, K. 39171
Driscoll, M.M. Reduction of quartz crystal oscillator flicker-of-frequency and white phase noise (floor) levels and acceleration sensitivity via use of multiple resonators 20081
Driscoll, M.M., Merrell, T.D. Spectral performance of frequency multipliers and dividers 18920
Driscoll, M.M., Weinert, R.W. Low noise, microwave signal generation using cryogenic, sapphire dielectric resonators: an update 19049
Driscoll, M.M. *see* Caldwell, S.P. 23171
Driscoll, M.M. *see* Vig, J.R. 20100
Driscoll, T.J., Lawandy, N.M. Optically encoded sum-frequency generation in silica-based glass 21086
Driscoll, T.J., Lawandy, N.M. Optically encoded second-harmonic generation in bulk silica-based glasses 44052
Drisse, O. *see* Lecointe, D. 29283
Drissi, M. *see* Amrani, C. 1629
Dritz, V.V., Kabanov, V.V., Rubanov, A.S. Nonstationary bistability of the WFC-mirror on the basis of four-wave mixing in a resonant medium 3799
Dritz, V.V., Kabanov, V.V., Rubanov, A.S. Phase conjugation at nonstationary four-wave mixing in a resonant medium 3819
Driver, K.A. *see* De Bruin, M.G. 26336
Drmota, M. On linear diophantine equations and Fibonacci numbers 498
Drmota, M., Schmid, U. The analysis of the expected successful operation time of slotted ALOHA 37108
Drndarevic, V.R., Djuric, D.J. An intelligent radiological instrument for field samples and contamination measurements 7216
Drnoian, V.E., Galstyan, T.V., Arakelian, S.M. Observation of light-induced hydrodynamic instabilities in a nematic liquid crystal for a single-mode laser beam 3795
Drnovsek, J. *see* Kranjec, P. 41645
Drnovsek, J. *see* Rape, R. 41646
Drobakhin, O.O. *see* Borul'ko, V.F. 41541
Drobnik, J. Is cascade connection of power converters inefficient? 41641
Drobot, A. *see* Papadopoulos, K. 4111
Drobyshev, G.Yu., Korzhik, M.V., Misevich, O.V., Fyodorov, A.A., Podurovskii, S.V. Application of $YAlO_3$:Ce scintillators to detect X-rays and soft γ-radiation 15687
Drobyshevskii, E.M., Yuferev, S.V. Use of electromagnetic shields to reduce thermal and dynamic loads in a rail gun accelerator of solid objects 12537
Drobyshevskii, E.M., Zhukov, V.G., Sakharov, V.A. Measurement of high velocities of bodies of small geometric size 38717
Droes, S.R., Kodas, A.J.T.T., Hampden-Smith, M.J., Meunchausen, R. Utilization of β-diketones for etching and cleaning of metal oxide and sulfide thin films 27688
Droge, E. *see* Hieronymi, F. 20567
Drogo de Iacovo, R., Montagna, R., Sereno, D. A low-delay wideband speech codec at 16 kbit/s 14311
Drołet, D., Meszaros, S., Stubbs, M.G., Wight, J.S. A hybrid high-T_c superconductor K-band amplifier with filter 27299
Dromby, C. *see* Beingessner, S.P. 31761
Dromby, G. *see* Bertsch, Y. 31760
Dron, L. The multiscale veto model: a two-stage analog network for edge detection and image reconstruction 5111
Droogenbroeck, M.Van *see* Van Droogenbroeck, M.
Dropkin, H. *see* Wellman, R.J. 46096
Dror, I. *see* Hadar, O. 45206
Drossos, L.B. *see* Bountis, T.C. 10014
Drouhin, I. *see* Val, C. 43085
Drouiche, K. *see* Kateb, D. 44983
Drouiche, K. *see* Krim, H. 13315
Drouin, B., Gagnon, R. Optical measurement of paper fiber orientation 9830
Droulez, J. *see* Cornilleau-Peres, V. 13612
Drozd, A., Choo, V., Rich, A., Robinson, E.K., Jambor, L. Equipment EMC/frequency management for complex systems using expert system technology 44414
Drozdy, G. *see* Salmi, M. 22808
Drozdyk, L. Capacitors buried in green tape 17860
Drozhzhin, N.V. *see* Belyaeva, A.I. 38735
Drtina, P., Lang, E., Fleischli, M., Streiff, F. Sophisticated computations for a clean environment 32717
Drubin, C. *see* Gingras, R.L. 23177
Drucker, E.H., Estabrook, P., Pinck, D., Ekroot, L. Integration of mobile satellite and cellular systems 37736
Drucker, J., Bandari, A., Burrows, V.A. Si(100) surface corrosion by NH_4F studied using high spatial resolution secondary electron imaging in a UHV-STEM 34753
Drue, K.-H. Properties of laser-cut thick-film-striplines 18959
Druelle, Y. *see* Westphalen, R. 19740
Drukarev, A., Konstantinides, K., Seroussi, G. Beam transformation techinques for ultrasonic medical imaging 24252
Drukier, A.K. *see* Sagdeev, I.R. 24100
Drullinger, R. *see* Szekely, C. 6299
Drullinger, R.E., Szekely, C., Camparo, J.C. Diode-laser-pumped, gas-cell atomic clocks 23388
Drumheller, J. *see* Vartanian, M. 27995
Drumm, P.V. *see* Lilley, J.S. 7394
Drummond, O.E. Multiple target tracking with multiple frame, probabilistic data association 29632
Drummond, O.E., Frenkel, G. Target tracking glossary of the SDI Panels on Tracking 32167
Drummond, P.D., Man, W. Quantum noise in reversible soliton logic 28975
Drummond, P.D., Shelby, R.M., Friberg, S.R., Yamamoto, Y. Quantum solitons in optical fibres 2953
Drummond, P.D. *see* Kinsler, P. 3809
Drummond, P.D. *see* Werner, M.J. 21042
Drummond, T.J. *see* Biefeld, R.M. 2092
Drury, C.G. *see* Latorella, K.A. 7530
Drury, G.M. *see* Windram, M.D. 14547
Drury, W., Grant, D. Variable-speed drives—the future 40514
Druschel, P., Abbott, M.B., Pagels, M., Peterson, L.L. Analysis of I/O subsystem design for multimedia workstations 5329
Druschel, P., Abbott, M.B., Pagels, M.A., Peterson, L.L. Network subsystem design 5470
Drusedau, T., Annen, A., Schroder, B. Doping and alloying of hydrogenated amorphous germanium films prepared by DC-magnetron sputtering 27628
Drusedau, T., Muller, B., Scholz, A., Schroder, B. Key parameters for further reduction of gap states in a-Ge:H and its improved stability under keV-electron irradiation 34529
Drusedau, T., Pang, D., Sauvain, E., Wickboldt, P., Liu, E.Z., Chen, J.H., Paul, W. Metastable phenomena in the thermally activated conductivity of hydrogenated amorphous germanium (a-Ge:H) 27496
Drusedau, T., Pang, D., Wickboldt, P. Activated transport in improved hydrogenated amorphous germanium (a-Ge:H)—the influence of cooling rate, contacts, electric field and a-Si:H barriers 34528
Drusedau, T., Schroder, B. Optimization of process parameters for the deposition of improved a-Ge:H by dc magnetron sputtering 41435
Drusedau, T.P. *see* Panckow, A.N. 27585
Drutman, C., Moran, J., Faria-E-Maia, F., Hyman, H., Russell, J. Laboratory atmospheric compensation experiment 29193
Dryagin, Y. *see* Koistinen, O. 7598
Dryagin, Y.A. *see* Koistinen, O.P. 47271
Dryagin, Yu.A., Koposova, E.V., Mazur, A.B., Tabakaeva, T.N. Barrier capacitance of millimeter planar diodes and their C/V characteristics 6729
Dryapachenko, I.P. *see* Atamanchuk, I.G. 27659
Dryden, R. *see* Ambrose, S. 32642
Dryer, J.E. *see* Kiseon Kim 20221
Drygajlo, A. On the Hadamard-Haar transforms and their multiresolution properties 13470
Drygajlo, A. Fast orthogonal transform algorithms for multiresolution time-sequency signal decomposition and processing 21831
Drzymala, R. *see* Purdy, J.A. 39092
D'Sa, D., Lowe, A. Planning the international network 13945
Dshalalow, J.H., Tadj, L. A queueing system with random server capacity and multiple control 9388
D'Sousa, J., Maskara, S.L. Simple method for constructing equivalent punctured codes for given true high rate codes 29429
D'Souza, G. *see* Agarwal, A. 18772
D'Souza, K., Khan, M.H., Matsumoto, Y. Further results on LMSS experiment in Kyoto City 22813
D'Souza, R. *see* Calvert, J.M. 2309
D'Souza, R. *see* Calvert, J.M. 11036
D'Souza, R.M. *see* MacDowell, A.A. 27832
Dssouli, R. *see* Gang Luo 30230
Dssouli, R. *see* Petrenko, A. 30229
Dssouli, R. *see* Petrenko, A. 30231
Du, A.Y. *see* Zhou, X.C. 9602
Du, D.H.C., Ichiang Lin, Chang, K.C. On wafer-packing problems 19972
Du, D.H.C. *see* Pavan, A. 6023
Du, D.H.C. *see* Tan, S.T. 14637
Du, D.H.C. *see* Yean-Shiang Leu 30224
Du, J., Kamio, Y., Sasaoka, H., Vucetic, B. New 32-QAM trellis codes for fading channels 12838
Du, J. *see* Tong, B.Y. 34535
Du, K. Mode spectrum of lasers with stable resonators at large Fresnel numbers 20946
Du, K., Loosen, P. New approach to characterize multimode lasers 12015
Du, K.-M. Dependence of aser properties on statistical distortions of active medium 20649
Du, K.-M., Flieger, R., Loosen, P. Experimental investigation of toric resonators 20945
Du, K.Cecilia *see* Cecilia Du, K.
Du, L. *see* Dodds, D.E. 30572
Du, M., Schultz, M.D., Kryder, M.H. Measurement of domain wall mobility in magneto-optic media 20419
Du, T., Brdys, M.A. Shaft speed, load torque and rotor flux estimation of induction motor drive using an extended Luenberger observer 8842
Du, T., Brdys, M.A. Implementation of extended Luenberger observers for joint state and parameter estimation of PWM induction motor drive 17439
Du, W. *see* Greenlief, C.M. 41393
Du, W. *see* Kirlin, R.L. 12600
Du, Z.T. *see* Wang, S.L. 42254
du Buf, J.M.H. *see* Bigun, J. 36990
du Chaffaut, G., Carpentier, S., Borgne, M. ATM-PON: a family of optical systems for the distribution network. The SAMPAN example 14600
du Chaffaut, G. *see* Arnouat, C. 14012
Du Chaffaut, G. *see* Borgne, M. 30808
du Chaffaut, G. *see* Gardan, D. 14601
Du Cloux, R., Maas, G.P.J.F.M., Wachters, A.J.H. Quasi-static boundary element method for electromagnetic simulation of PCBS 34335
du Cloux, R., Maas, G.P.J.F.M., Wachters, A.J.H., Milsom, R.F., Scott, K.J. FASTERIX, an environment for PCB simulation 34340
Du Dahong *see* Dahong Du
Du Desheng *see* Gao Zhongwen 7896
Du Guangdong, Liu Zengji, Hu Zheng Priority control schemes of ATM switching 13854
Du Guotong *see* Zhang Xiaobo 20884
Du Guotong *see* Guotong Du
Du Jian-Guo *see* Pi Jia-Jing 31460
Du Jiangchuan *see* Liu Hongjian 30019
Du Jianhong A new method of calculating the characteristic impedance of rectangular line with circular inner conductor 36290
Du Juan *see* Li Zhaoji 19788
Du Keming *see* Keming Du
Du Longlong *see* Yu Shusheng 28705
Du Pinzhong *see* Pinzhong Du

du Plessis, M. *see* Schieke, P. 19832
du Plessis, P., Britten, A.C. Abnormal vibration in a 275 kV GIS substation 40378
du Port de Pontcharra, J. *see* Deleonibus, S. 10891
Du Preez, H. AC motor repairs and core testing 16781
du Preez, J.A. Language recognition by means of ergodic hidden Markov models 13162
du Preez, J.A. *see* Scholtz, F.J. 13161
du Preez, W., van Schalkwyk, J.J.D. Processing of dynamic radar cross section measurements 14697
Du Run-Sheng *see* Ma Yuan-Hao 31113
Du Sheng-Jun *see* Jiang Ben-He 23633
Du Sheng-jun *see* Jiang Ben-he 38677
Du Toit, C.F. A procedure for determining the largest computable order of Bessel functions of the second kind and Hankel functions 33530
Du Wei-Shang *see* Hu Xi-Yan 41154
Du Weixiu *see* Weixiu Du
Du Wenhua *see* Wenhua Du
Du Wensheng *see* Ma Ruilin 37393
Du Wulin *see* Yao Fujiang 10025
Du Xueren *see* Jiang Shan 47007
Du Yue *see* Yue Du
Du Yun *see* Zhang Quansheng 20885
Du Zhengchun *see* Gan Deqiang 47404
Duan, D.W., Rahmat-Samii, Y. A three-parameter (*3-P*) distribution for elliptical and circular aperture antennas 4256
Duan, D.W., Rahmat-Samii, Y. Reflector antennas with superquadric aperture boundaries 21402
Duan, D.W. *see* Rahmat-Samii, Y. 44610
Duan, G.-H. *see* Landais, P. 20758
Duan, G.H. *see* Jacquet, J. 35974
Duan, J.Q. *see* Zhang, L.Z. 19572
Duan Feng *see* Kunji Chen 12332
Duan Weixin *see* Liang Jiben 41247
Duan-Shin Lee, Sengupta, B. Queueing analysis of a threshold based priority scheme for ATM networks 45311
Duane, A. *see* Cianfarani, C. 31731
Duanyi Zhang *see* Zhang Duanyi
Duart, J.C., Boisdon, C., Vuarchex, P., Bui Ai A study on aging parameters of PETP film-mineral oil insulation system 35161
Duarte, A.M.de Oliveira *see* de Oliveira Duarte, A.M.
Duarte, A.Oliveira *see* Oliveira Duarte, A.
Duarte, J.L., Wijntjens, J.A.A., Rozenboom, J. Designing light sources for solar-powered systems 17599
Duarte, J.L. *see* Wijntjens, J.A.A. 17073
Duato, J. Channel classes: a new concept for deadlock avoidance in wormhole networks 13927
Duato, J. A new theory of deadlock-free adaptive routing in wormhole networks 30263
Duato, J. A theory to increase the effective redundancy in wormhole networks 30474
Dubaniewicz, T.H., Chilton, J.E., Dobroski, H., Jr. Fiber optics for atmospheric mine monitoring 6521
Dubas, K.M. *see* Chiang-nan Chao 40849
Dubbe, A., Gopel, W. Measurement of sound pressure via temperature fluctuations by a cold-wire microprobe at high temperatures 15242
Dubbink, D.T. Presenting environmental noise data using recorded noise examples 31081
Dube, S. *see* Culik, K., II 4844
Dubes, R.C. *see* Dubuisson, M.-P. 45185
Dubes, R.C. *see* Qian Huang 45258
Dubey, A.R. *see* Mahapatra, P.K. 32987
Dubey, B.P., Chachondia, A.S., Chandra, A.K. Expert system for emergency operating procedures for NPP 16508
Dubey, G.K. *see* Gupta, A.K. 39659
Dubinin, A.A. *see* Eremin, A.G. 24438
Dubinin, Yu.A. *see* Lazarev, V.I. 8486
Dubinskas, F.A. Virtual organizations: computer conferencing and organizational design 45659
Dubner, A.D. *see* Blauner, P.G. 2315
Dubner, A.D. *see* Shedd, G.M. 1819
Dubois, E. *see* Nguyen, A. 30156
Dubois, E. *see* Radecki, J. 10326
Dubois, E., Chiariglione, L. *(editors)* Signal Processing of HDTV, IV. Proceedings of the International Workshop 26047
Dubois, F., Emplit, P., Hugon, O. Selective mode excitation in graded-index multimode fiber by a computer-generated optical mask 43445
Dubois, J., Legros, W., Scarpa, P. Numerical and experimental analysis of the electrode temperature rise in rotating arc circuit-breakers 25595
Dubois, J.-C., Robin, P., Dentan, V. Properties and applications of polymers in optics and electrooptics 43182
Dubois, J.-F. *see* Combes, J.-P. 8064
Dubois, L. *see* Duhamel, F. 47115
Dubois, L.H. *see* Prybyla, J.A. 41473
Dubois, N. *see* Royer, D. 16086
DuBois, P. *see* Priest, J. 19258
DuBois, P. *see* Priest, J. 34416
Dubois, P. *see* van Zyl, J.J. 32062
DuBois, T., Pruyn, R.R. The feasibility of data fusion techniques applied to rotorcraft transmission diagnostics 7543
DuBois, T.A. *see* Pruyn, R.R. 39172
Dubon-Chevallier, C. *see* Fournier, V. 2444
Dubon-Chevallier, C. *see* Ketata, M. 1946
Dubon-Chevallier, C. *see* Pascal, F. 19766
Dubos, H. *see* Heres, O. 24040
Duboscq, J. *see* Abe, K. 7260
Duboscq, J. *see* Abe, K. 15619
Duboscq, J. *see* Abe, K. 46930
Dubost, G., Bao, Y. Mutual coupling between active printed sources. Analysis of a two dimensional finite array of active radiating sources. Application to electronic scanned beam 21426
DuBouis, P., Gragnolati, J.P., Psaila, E., Solal, M. A −60 dB sidelobe pulse compression system for space application 5859
Dubout-Crillon, R. *see* Debray, B. 29819
Dubovik, N.N. *see* Doronin, S.A. 36696
Dubovik, V.M., Martsenyuk, M.A., Martsenyuk, N.M. Toroid polarization of aggregated magnetic suspensions and composites and its use for information storage 11467
Dubovik, V.M. *see* Afanasiev, G.N. 4018
Dubovitsky, S., Mathur, A., Steier, W.H., Dapkus, P.D. Gain saturation properties of a polarization insensitive semiconductor amplifier implemented with tensile and compressive strain quantum wells 43934
Dubowski, J.J. *see* Keeler, W.J. 41278
Dubowski, J.J. *see* Braren, B. *(editor)* 33187
Dubreucq, V. *see* Vloeberghs, C. 21663
Dubreuil, B. *see* Mihailescu, I.N. 813
Dubrovka, F.F., Stepanenko, P.Ya. Mathematical model of axisymmetrical coaxial-horn antenna 4290
Dubrovka, F.F., Stepanenko, P.Ya. Optimum synthesis of wideband filters 18969
Dubrovskaya, T.S., Kurianovich, E.P., Mikhnevich, V.V., Potapenko, I.P., Syrtsov, S.R., Tsybin, I.A. Image converter based on a pyroelectric layer−liquid crystal layer structure 15081
Dubrovskii, V.V. *see* Afonin, D.G. 46581
Dubuisson, B. *see* Didelet, E. 22479
Dubuisson, B. *see* Frelicot, C. 13781
Dubuisson, B. *see* Kaoula, K. 30092
Dubuisson, B. *see* Tu, X.-W. 6566
Dubuisson, M.-P., Dubes, R.C. Efficacy of fractal features in segmenting images of natural textures 45185
Dubus, B., Boucher, D. An analytical evaluation of the heating of low-frequency sonar projectors 47305
Dubus, B. *see* Montgomery, R.E. 16064
Dubus, M. *see* Brizard, C. 19536
Ducar, R. *see* Amidei, D. 46890
Duce, D. *see* Strack, R. 45621
Duchamp, D. Issues in wireless mobile computing 22545
Duchamp, D. *see* Athan, A. 22567
Ducharme, S. *see* Liphardt, M. 28423
Duchateau, F. *see* Clavreul, R. 43200
Duchateau, F. *see* Hadid, A. 43210
Duchateau, J.P.W.B. *see* La Via, F. 2236
Duchateau, J.P.W.B. *see* La Via, F. 18147
Duchek, K. *see* Slouf, J. 32731
Duchene, J., Goubel, F. Surface electromyogram during voluntary contraction: processing tools and relation to physiological events 7443
Duchene, J. *see* Gondry, J. 7442
Duchesne, L. Using characteristic multiplier loci to predict bifurcation phenomena and chaos−a tutorial 26639
Duchet, M., Cabaret, L., Laurens, A., de Miscault, J.C. Space power supply networks using laser beams 32009
Duchowicz, R., Ferrer, M., Amat-Guerri, F., Sastre, R., Acuna, A.U. A proton-transfer dye laser pumped by the third harmonic of a Nd:YAG laser 20662
Duchowicz, R., Schinca, D., Gallardo, M. New analysis for the assignment of UV-visible ionic Xe laser lines 43732
Duck, C. *see* Boorer, A. 16147
Ducker, M. *see* Pauli, M. 9648
Duckett, E.J. *see* Pierce, J.L. 8227
Ducko, A. Some problems in elaboration of equivalent electrical schematics of linear mechanical systems 33863
Duclos, P. *see* Bonnet, G. 45462
Ducottet, C., Daniere, J., Moine, M., Schon, J.P., Courbon, M. Localization of objects with circular symmetry in a noisy image using wavelet transforms and adapted correlation 45259
Ducoulombier, J.-M., Lantes, B. The management of low and intermediate level radioactive wastes from EDF's nuclear power plants 39851
Ducourant, B. *see* Haidoux, A. 9567
Ducreux, J.P., Dauphin-Tanguy, G., Rombaut, C. Bond-graph modelling of commutation phenomena in power electronics circuit 18470
Duda, A. Analysis of multicast-based object replication strategies in distributed systems 45577
Duda, T.F. *see* Cornuelle, B.D. 7624
Dudal, R.Le *see* Le Dudal, R.
Dudas, J.H. Technical trends in medium voltage URD cable specifications 47523
Dudding, J. *see* Grossinger, R. 43324
Dudgeon, D.E., Lacoss, R.T. An overview of automatic target recognition 7681
Dudgeon, D.E. *see* Delanoy, R.L. 7686
Dudin, A.Yu., Zayarnyi, D.A., Semenova, L.V., Ustinovskii, N.N., Kholin, I.V., Chugunov, A.Yu. Dynamics of the gain and generation of an Ar-Xe laser pumped by an electron beam 3431
Dudka, V.G. Comparison of exact model with approximate for scalar wave scattering by a spherical segment 12542
Dudkin, V.A., Rukhin, V.B. Optical strength of mirrors on fluorite substrates subjected to cw radiation from a chemical CO laser 44032
Dudko, A.G. *see* Naidenko, V.I. 44516
Dudley, B. *see* Pavelchek, E. 11071
Dudley, B.W. *see* Pavelchek, E.K. 11032
Dudley, D.G., Nielsen, P.A., Marshall, D.F. Ultra-wideband electromagnetic target identification 46047
Dudley, J.J., Babic, D.I., Mirin, R., Yang, L., Miller, B.I., Ram, R.J., Reynolds, T., Hu, E.L., Bowers, J.E. Low threshold, electrically injected InGaAsP (1.3 μm) vertical cavity lasers on GaAs substrates 28819
Dudley, J.J., Babic, D.I., Mirin, R., Yang, L., Miller, B.I., Ram, R.J., Reynolds, T., Hu, E.L., Bowers, J.E. Low threshold, wafer fused long wavelength vertical cavity lasers 43830
Dudley, J.J., Babic, D.I., Wada, H., Shimizu, M., Mirin, R., Bowers, J.E., Hu, E.L. InGaAsP vertical cavity lasers 20828
Dudley, J.M., Reid, D.T., Ebrahimzadeh, M., Sibbett, W. Characteristics of a noncritically phasematched Ti:sapphire pumped femtosecond optical parametric oscillator 21084
Dudley, J.M. *see* Spence, D.E. 43815
Dudley, M. *see* Lee, M.B. 9534
Dudney, N.J. *see* Bates, J.B. 17251
Dudnikov, V.G., Derevyankin, G.E. The art of the high brightness ion beam production 38824
Dudnikov, V.G., Shabalin, A.L., Wojtsekhowski, B.B., Belov, A.S., Kuzik, V.E., Plohinsky, Yu.V., Yakushev, V.P. New versions of sources for nuclear polarized negative ion production 46819
Dudnikov, V.G. *see* Belov, A.S. 31627
Dudnitzek, P., Braun, P. Transformer fire at Heilbronn power station−cause, fire-fighting, effects, consequences 32890
Dudrik, J. A current source for arc welding 32941
Duek, E.A.R., De Paoli, M.A., Mastragostino, M. A solid-state electrochromic device based on polyaniline, Prussian Blue and an elastomeric electrolyte 28501
Duek, R., Vofsi, N., Mangan, S., Adel, M. Improving plasma etch with wafer temperature readings 34722
Duelli, M., Ingold, M., Gunter, P. All-optical image association using a photorefractive crystal and a nematic liquid crystal with optical feedback 4807
Duen-Tay Huang *see* Chung-Ming Huang 45357
Dufait, N., Verbruggen, A. Barriers and attitudes of the electric utilities to industrial CHP in the European Community 16626
Dufau-Richet, J.L. Using copper-based networks: the Resicom system 45701
Dufaut, M. *see* von der Hardt, H.-J. 46617
Dufaux, F., Kunt, M. Multigrid based motion estimation for interframe image sequence coding 22186
Dufaux, F. *see* Cicconi, P. 45051
Dufaux, F. *see* Kowalczuk, J. 22681
Dufaux, F. *see* Moscheni, F. 29944
Dufaux, F. *see* Wei Li 29966
Dufey, J.-P., Farthouat, Ph., Gallno, P., Gonzalez, M., Passaseo, M., Weymann, M. A distributed hierarchical multiprocessor system for data acquisition and filtering in high energy physics experiments 38940
Duff, C.P. *see* Long, D.W. 38391
Duff, J.L. Magnetic fields in PSI energy's service territory 39594
Duff, M.J.B., Fountain, T.J. Algorithm design for image processing in the context of cellular logic 29879
Duffalo, J.M., Erhart, D.L., Schmok, S.C. Novel failure modes with overmolded printed circuit board-based surface mount packages 33403
Duffell, J.R. Sustainable development, engineering education and activity 26117
Duffer, C.E. *see* Burger, C.P. 15058
Duffin, B. *see* Weston, D. 2226
Duffo, N. *see* Abad, J. 29083
Duffy, A.H.B., Andreasen, M.M., MacCallum, K.J., Reijers, L.N. Design coordination for concurrent engineering 17798
Duffy, A.P., Herring, J.L., Benson, T.M., Christopoulos, C. The application of the Transmission-Line Modelling (TLM) method to the simulation of propagation and coupling inside conducting enclosures 44405
Duffy, A.P. *see* Benson, T.M. 44401
Duffy, C.J., Tatam, R.P. Optical frequency shifter technique based on stimulated Brillouin scattering in birefringent optical fiber 11601
Duffy, G. *see* Thibeau, J. 32522
Duffy, H. *see* Nyholm, P. 12625
Duffy, H. *see* Nyholm, P. 36223
Duffy, S. *see* Volotinen, T. 35371
Duffy, T.E., Schneider, P.H. Advanced combined-cycles from 8 MW to 23 MW 40004
Dufilie, P. *see* Ventura, P. 2762
Dufort, B. *see* Chapman, G.H. 46516

Dufour, A., Bobbio, A., De Geeter, E., Cornu, J.P., Hogeveen, P. A ZEV alkaline FC-battery hybrid bus 48395
Dufour, M. *see* Pelletier, S. 26544
Dufour, M. *see* Sydor, J. 47322
Duftschmid, K.E. *see* Hua, J. 39125
Dugan, D. *see* Manno, R. 40379
Dugan, G. *see* Tsyganov, E. 46801
Dugan, J.M. *see* Tamil, L.S. 43603
Dugan, M.P. Initiating qualification program requirements for passive fiber optic components 3003
Dugan, M.P. Passive optical branching components: increasing their reliability 35342
Dugan, R. *see* Flower, G. 14516
Dugard, L. *see* von Raumer, T. 32861
Dugas, J. 3D modelling of a reverse cell made with improved multicrystalline silicon wafers 33048
Dugas, J., Pierrejean, I. A thermomechanical analyser with optical detection 18369
Dugast, C., Devillers, L., Aubert, X. Combining TDNN and HMM in a hybrid system for improved continuous-speech recognition 36626
Dugdale, J. Low-cost visual display technology 23789
Dugelay, J.-L., Pele, D. Motion and disparity analysis of a stereoscopic sequence application to 3DTV coding 13815
Duggal, B.R. *see* Lipowski, J.S. 8370
Duggal, B.R. *see* Maani, G. 8799
Duggan, E., Morrison, R.E. A non-invasive technique for the measurement of power system harmonic impedance 25067
Dughera, N. *see* O'Shaughnessy, K. 47008
Dugoujon, L. *see* Diaz Nava, M. 30584
Dugrand, L. *see* Raffie, Y. 18165
Duguay, M.A. *see* Brun, L. 3016
Duguid, T.P. Accelerated ageing of composite insulator materials 25006
Duguid, T.P. *see* Gunasekaran, M. 39633
Duh, J.G. *see* Chang, J.H. 42330
Duh, K.H.G. *see* Fu, S.T. 1534
Duh, K.H.G. *see* Ho, P. 11242
Duh Jenq-Gong *see* Jenq-Gong Duh
Duh Wei-Jou *see* Wei-Jou Duh
Duhamel, F., Dubois, L., Chive, M., Pribetich, J. Combining SDA and FDTD methods for the modeling of planar applicators used in microwave hyperthermia 47115
Duhamel, N. *see* Bonnel, M. 19828
Duhamel, N. *see* Bonnel, M. 28173
Duhamel, N. *see* Bonnel, M. 42954
Duhamel, P. *see* Hilal, K. 13395
Duhant, M. The electrical network of the EEC buildings: surveillance by programmable controllers 17417
Duhlev, R., Pitt, C.W., Thomas, P.A., James, A.G., Grime, G.W. Studies of Rb ion-exchanged KTiOPO_4 waveguides by X-ray diffraction, SIMS, electron and proton microprobe analysis and comparison with optical refractive index profiles 43452
Duic, N. *see* Bogdan, Z. 39949
Duijsen, P.J.van *see* van Duijsen, P.J.
Duin, J.H.R.Van *see* Van Duin, J.H.R.
Duin, P.J.van *see* van Duin, P.J.
Duinhoven, J., Honderd, G., Monchaud, S.A., Prat, R. Control of a 3D localisation and tracking system of a mobile infrared target 15037
Dujardin, E., Durrand, J.C., Carrara, B. Polarimetric features of ground clutter: experimental results, impact on coherent vectorial clutter-map design 23172
Dujeu, B. *see* Bacher, P. 25123
Dujeu, B. *see* Bacher, P. 32546
Duk Kim Young *see* Young Duk Kim
Duk Lee Jong *see* Jong Duk Lee
Duk Lee Rae *see* Rae Duk Lee
Duka-Zolyomi, A. *see* Bogdzel, A.A. 46958
Dukes, E. *see* Budagov, J. 46955
Dukes, E.C., Armel, M.S., Gifford, C.R., Lee, T., DeSanto, S.S., Wynne, T.A. Construction and performance of a scintillating fiber electromagnetic calorimeter using a lead powder-epoxy absorber 31693
Dukui Zhuang *see* Kunji Chen 12332
Dulak, J. *see* Blumenstock, K. 42666
Dulberg, U. Pulling the plug on eavesdroppers 37418
Dulcey, C.S., Koloski, T.S., Dressick, W.J., Chen, M.S., Georger, J.H., Calvert, J.M. 193 nm lithography with ultrathin surface imaging resist systems 11089
Dulcey, C.S. *see* Calvert, J.M. 2309
Dulcey, C.S. *see* Calvert, J.M. 11036
Dulcey, C.S. *see* Dressick, W.J. 19647
Dulenin, V.P. *see* Ivasheva, G.D. 8192
Duli Mao *see* Pugh, J.R. 8770
Dulick, M. *see* Swenson, D.R. 31639
Duling, I.N., III, Chen, C.-J., Wai, P.K.A., Menyuk, C.R. Operation of a nonlinear loop mirror in a laser cavity 44020
Dulinski, W. *see* Adam, W. 7259
Dulinski, W. *see* Adam, W. 31715
Dulinski, W. *see* Benvenuti, A. 7252
Dul'kin, I.N. *see* Dmitriev, V.A. 32940
Dullien, R. Overview of recent advances in large-screen display and projection applications for spatial light modulators (SLM's) and light valves 46555
Dulini, E. Long-delayed breakdown in vacuum gaps under DC pulses 8697
Dulini, E., Fink, H., Leonhardt, G. A new generation of load-braking isolators 48004
Dulini, E., Schade, E. Investigation of high-current interruption of vacuum circuit breakers 8702
Dultz, W. *see* Hossfeld, J. 3920
Dultz, W. *see* Reichel, V. 35546
Dultz, W. *see* Schmitzer, H. 12470
Dultz, W. *see* Schmitzer, H. 43602
Dumais, P., Gonthier, F., Lacroix, S., Bures, J., Villeneuve, A., Wigley, P.G.J., Stageman, G.I. Enhanced self-phase modulation in tapered fibers 12384
Dumania, P. *see* Rangelow, I.W. 27758
Dumas, G. *see* Maroulis, D. 31149
Dumas, J. *see* Klee, H. 40248
Dumas, J. *see* Othmani, A. 632
Dumbrajs, O., Thumm, M. Gyrotrons for technological applications 34475
Dumbreck, A. *see* Choquet, B. 6210
Dumee, P. *see* Herment, A. 24258
Dumer, I.I. *see* Eiguren, J. 4414
Dumesh, B.S., Kostromin, V.P., Rusin, F.S., Surin, L.A. Mixing of orotron oscillations with harmonics of reference radiation in electron detector 10618
Dumesnil, F. *see* Beacham, J. 23878
Dumford, S.A., Lavine, J.M. Ag_2Te/As_2S_3, a top-surface, high-contrast negative-tone resist for deep ultraviolet submicron lithography 42795
Dumic, I. Modern switched mode rectifiers in central integrated power supply plants 40308
Dumin, D.J., Maddux, J.R. Measurement of high voltage stress induced traps inside thin silicon oxide films 19447
Dumin, D.J., Scott, R.S., Subramoniam, R. A model relating wearout induced physical changes in thin oxides to the statistical description of breakdown 43155
Dumin, D.J. *see* Scott, R.S. 19451
Dumin, D.J. *see* Wong, D.P. 19445
Dumitriu, G. *see* Pavelescu, D. 32953
Dumlugol, D., Madhavan, R. Analog modeling using event-driven HDL's 975
Dumlugol, D., Webber, D. Analog modeling using event-driven HDL's 41580
Dummer, D. *see* Colling, P. 20190
Dummer, D. *see* Ferger, P. 38850
Dummer, D. *see* Frank, M. 24026
Dummer, D. *see* Nagel, U. 24049
Dumont, B. *see* Vergnolle, C. 24410
Dumont, C., Diou, A., Voisin, Y., Jouvrard, J.-M., Moingeon, P. Two-dimensional deconvolution stability conditions 4860
Dumont, G.A. *see* Wang, X.G. 38723
Dumont, H., Svob, L., Ballutaud, D., Gorochov, O. Carbon and hydrogen incorporation in ZnTe layers grown by metalorganic chemical vapor deposition 41307
DuMouchel, W., Jones, B. A simple Bayesian modification of D-optimal designs to reduce dependence on an assumed model 26152
Dumoulin, L., Berge, L., Lesueur, J., Bernas, H., Chapellier, M. Nb-Si thin films as thermometers for low temperature bolometers 23599
Dumoulin, L., Seeliger, A. Digital torque measurement in rotating shafts 23908
Dumoulin, L. *see* Djotni, K. 23601
Dumper, J. *see* Foster, B. 31714
Dun, J.Van *see* Van Dun, J.
Dunaev, V.G. *see* Anikanov, S.S. 47674
Dunbar, W.G. *see* Khachen, W. 24408
Duncan, A. *see* Clarke, K. 38017
Duncan, B. The spirit of bass [audio equipment design] 38365
Duncan, B.D. *see* Overbeck, J.A. 14710
Duncan, B.D. *see* Salisbury, M.S. 14709
Duncan, H. ISO 9000 in the microwave industry 17944
Duncan, J.S. *see* Shi, P. 31905
Duncan, J.S. *see* Tagare, H.D. 37034
Duncan, J.S. *see* Worring, M. 37031
Duncan, L.M. *see* Milikh, G.M. 21250
Duncan, R.V. *see* Dunlap, D.H. 1351
Duncan, S. *see* Simpson, E. 45518
Duncan, S.H. *see* He, Z. 15752
Dunne, W.A., Patterson, S.P., Graves, B.R., Sollee, J.L., Yonehara, G.N., Dering, J.P. Gain generator optimization for hydrogen fluoride overtone and fundamental chemical lasers [for SBL weapons systems] 28715
Dundar, G., Rose, K. Analog neural network circuits for ASIC fabrication 18936
Dundas, M.E., Markley, J. Infrared gauges hydrocarbon levels 31332
Dunford, W.G., Mufford, E. An integrated controller for current source inverter drives 17480
Dunford, W.G., van Wyk, J.D. Subharmonic components in an asynchronous PWM-scheme with digital pulse modulation 33105
Dunfu Li *see* Li Dunfu
Dunger, J. *see* Hambitzer, G. 17203
Dungey, C.E., Bohren, C.F. Backscattering by nonspherical hydrometeors as calculated by the coupled-dipole method: an application in radar meteorology 7611
Dunham, J.G. *see* Cheng-Chang Lu 22126
Dunham, S.T., Collins, N., Nanseng Jeng Improved analysis of spreading resistance measurements 46569
Dunhe Yu *see* Yu Dunhe
Dunias, P. *see* Kaptein, E. 26169
Duniec, S. *see* Bojanowski, R. 39862
Dunjie Cui *see* Yan Cui 11718
Dunkelberger, K.A. Temporal syntax-guided object and intent recognition 23096
Dunkley, J. *see* Gopi, P.K. 2448
Dunkley, K.J. A new 3D from 2D visual display process 23818
Dunlap, D.H., Kovanis, V., Duncan, R.V., Simmons, J. Frequency-to-voltage converter based on Bloch oscillations in a capacitively coupled $GaAs\text{-}Ga_xAl_{1-x}As$ quantum well 1351
Dunlap, J.H., Zaffanella, L.E., Johnson, G.B. Survey of residential magnetic field sources interim report 38653
Dunlap, R.A. *see* Wang, Z. 28349
Dunleavy, L.P. *see* Henning, R.E. 17749
Dunlop, A. *see* Banu, M. 27036
Dunlop, D.D. *see* Barton, D.L. 1585
Dunlop, J., Cosimini, P., Robertson, D. Optimisation of packet access mechanisms for advanced time division multiple access (ATDMA) 22910
Dunlop, J. *see* Grillo, D. 22906
Dunlop, J.A., Pouliquen, B.Y., Drinnon, T.J., Wilcoxen, D.T., Huneke, J.C., Ivanov, I.C., Knorr, D.B., Tracy, D.P. Effects of aluminum silicon copper sputtering target processing methods on thin film uniformity and process control during very large scale integrated device fabrication 842
Dunn, A. *see* Amidei, D. 46890
Dunn, A. *see* Tkaczyk, S. 46989
Dunn, C., Hefley, P., Pope, S., Chong, D., Desai, S., Patel, P., Baker, D., Dolby, D., Strauss, T., Gunturi, S., Wright, P., Sudak, P. Process reliability development for nonvolatile memories 34079
Dunn, C.F. *see* Griffin, A.J., Jr. 42752
Dunn, C.F. *see* Griffin, A.J., Jr. 42769
Dunn, D., Higgins, W.E., Wakeley, J. Texture segmentation using 2-D Gabor elementary functions 36997
Dunn, D.A., Grover, W.D., MacGregor, M.H. Comparison of k-shortest paths and maximum flow routing for network facility restoration 37172
Dunn, D.E. Differentiation of source/drain breakdown mechanisms by a single ring transistor measurment 11317
Dunn, D.E. A computationally efficient velocity-space transport model for device simulation 19716
Dunn, D.E., Paz de Araujo, C.A. A generalized ferroelectric capacitor modeling methodology 35192
Dunn, D.F., Higgins, W.E., Wakeley, J. Determining Gabor-filter parameters for texture segmentation 36786
Dunn, D.S., Augustin, E.P. Technique measures gain for different antenna polarizations 12732
Dunn, G.J. *see* Cartier, E. 34694
Dunn, J. *see* Nantel, M. 11914
Dunn, J.L. *see* Barmby, P.W. 42837
Dunn, J.M., Howard, L.C., Larson, K. An efficient algorithm for the calculation of parasitic coupling between lines in MIC's 19113
Dunn, J.M. *see* Howard, L.C. 1381
Dunn, M.H. *see* Colville, F.G. 44054
Dunn, M.H. *see* Colville, F.G. 44069
Dunn, M.H. *see* Withers, D.E. 3852
Dunn, P.D. *see* Nfaoui, H. 40063
Dunn, R. Automation in building state-of-the-art memories 34056
Dunn, R. *see* Muller, P. 31830
Dunn, R.W. *see* Aggarwal, R.K. 39541
Dunn, R.W. *see* Berry, T. 32175
Dunn, R.W. *see* Chan, K.W. 47369
Dunn, S.M. *see* Ciaccio, E.J. 38957
Dunn, S.M. *see* Ciaccio, E.J. 47036
Dunn, S.M. *see* Ciaccio, E.J. 47103
Dunn, T.D. *see* Williams, P.M. 47691
Dunn, T.J. *see* Sweetser, J.N. 20810
Dunne, P.E., Gittings, C.J.J., Leng, P.H. Sequential and parallel strategies for the demand-driven simulation of logic circuits 1127
Dunne, R.A., Campbell, N.A., Kiiveri, H.T. Classifying high dimensional spectral data by neural networks 4674
Dunnett, R.M. *see* Thorp, J.D. 7910
Dunnigan, M.W. *see* Green, T.C. 47871
Dunning, G.J., McCahon, S.W., Klein, M.B., Pepper, D.M. Improved spatial and temporal performance of a phase-conjugate resonator with an intracavity mode homogenizer 44050
Dunphy, J.J. *see* Skormin, V.A. 39161
Dunstan, A. *see* Lim, H.G. 30964
Dunstan, S. Variable bit rate video services and B-ISDN 37572
Dunstan, S. *see* Leditschke, M. 36913
Dunstan, S. *see* Pang, K. 5622
Dunstan, S. *see* Pang, K. 36914
Dunton, A.W. *see* Pian, C.C.P. 25344
Dunwoodie, W. *see* Abe, K. 7260
Dunwoodie, W. *see* Abe, K. 15619
Dunwoodie, W. *see* Abe, K. 46930

Dunzhuo Dong, Maoren Xiong, Murakami, K., Kaneko, S. Lowering of sintering temperature of $Pb(Zr,Ti)O_3$ ceramics by the addition of $BiFeO_3$ and $Ba(Cu_{0.5}W_{0.5})O_3$ 28306
Duo Liping, Yang Bailing Small-signal gain and intracavity loss of a CW chemical oxygen-iodine laser 28720
Duong, N., Tan, W.B.S. Simulation study of video communications over Ethernet 37440
Duong, S. *see* Meliopoulos, A.P.S. 25058
Duorong Yuan *see* Yuan Duorong
Duparre, A. *see* Rothe, H. 46480
Dupas, G. *see* Guivarc'h, A. 18201
Dupertuis, M.-A. *see* Cada, M. 38111
Dupertuis, M.A. *see* Carlin, J.F. 9649
Dupeux, M. *see* Maniguet, L. 34809
Dupeux, M. *see* Scafidi, P. 34817
Duphil, N. *see* Fouilloux, J.M. 24893
Dupin, G. *see* Sendin, U. 40024
Dupire, M. *see* Perdu, P. 43123
Duplaix, M. Design microwave oscillators with stability circles 19061
Duplan, S. New nitrogen wavesoldering concept [SMT] 34413
DuPlantis, D. *see* Caussyn, D.D. 7026
DuPlantis, D. *see* Lee, S.Y. 7040
Dupont, F. *see* Medigue, C. 39056
Dupont, H. *see* Valkova, T. 15012
DuPont, J.P. *see* Muench, F.J. 16359
Dupont, M. *see* Aboubacar, A. 38802
Dupraz, J., Gabriagues, J.M., Jacob, J.B., Speier, P. The future of photonic switching 5988
Dupuis, A. *see* Boyer, J. 22442
Dupuis, P. *see* Arismunandar, A. 32531
Dupuy, C. *see* McKinley, J.T. 44082
Dupuy, F. *see* Desnoyer, S. 5437
Dupuy, J.L. The exploitation of frequency bands at 23 and 38 GHz 23254
Dura, J.A., Zborowski, J.T., Golding, T.D., Donnelly, D., Covington, W. Properties of InAs/(Ga,In)Sb strained layer superlattices grown on the {111} orientations 9562
Durakiewicz, T. *see* Halas, S. 23552
Dural, G., Moffatt, D.L. ISAR imaging to identify basic scattering mechanisms 46064
Dural, J. *see* Baron, E. 15585
Duran, H. *see* Wieland, J. 35630
Duran, J. *see* Bauer, P. 10296
Durana, M., Gallay, R., Robert, P., Pruvot, F.-C. Novel type submicrometre resolution pseudorandom position optical encoder 6375
Durance, C.M. *see* Bumbulis, P.J. 5469
Durand, J. *see* Chevallay, E. 38810
Durand, L.-G. *see* Cloutier, G. 24257
Durand, S.J. Attaining a 30-year photovoltaic system lifetime: the BOS issues 47811
Durant, N.M., Fox, N.P. A physical basis for the extrapolation of silicon photodiode quantum efficiency into the ultraviolet 23612
Durant, N.M., Fox, N.P. Silicon ultraviolet detectors and modelling 46437
Durbeck, D., Jue-Hsien Chern, Boning, D.S. A system for semiconductor process specification 34649
Durbin, F. *see* Berthiau, G. 42109
Durbin, S.M., Gray, J.L. Numerical modeling of photon recycling in solar cells 48116
Durden, S.L., Klein, J.D., Zebker, H.A. Measurement and simulation of signal fluctuations caused by propagation through trees 21252
Duree, G.C., Jr. *see* Kukhtarev, N. 21101
Durelli, E. *see* Pini Prato, A. 48415
Duren, M. *see* Barber, D.P. 31578
Duren, M. *see* Zetschel, F. 46800
Duren, R.E. General Fourier solution and causality in attenuating media 36166
Durga Prasad, G., Seshagiri Rao, P. A heuristic method for the real-time load flow solution of integrated multiterminal AC-DC power systems 24671
Durgin, H.W., Freiburger, P.D., Sullivan, D.C., Trahey, G.E. Large aperture phase error measurement and effects 15708
Durham, D.L. *see* Lynch, T.J. 11018
Durham, D.L. *see* Sobodacha, C.J. 11017
Durham, M.D. *see* Schlager, R.J. 16654
Durham, M.O. Safe work practices: a real world implementation 33310
Durham, M.O., Strattan, R., Carter, D. Harmonic impact on power system design 7908
Durham, T.E., Christodoulou, C.G. A method for treating junctions between bodies of revolution and arbitrary surfaces 44602
Durhuus, T., Joergensen, C., Mikkelsen, B., Pedersen, R.J.S., Stubkjaer, K.E. All optical wavelength conversion by SOA's in a Mach-Zehnder configuration 35893
Durhuus, T., Joergensen, C., Mikkelsen, B., Stubkjaer, K.E. Penalty free all-optical wavelength conversion by SOA's in Mach-Zehnder configuration 28876
Durhuus, T. *see* Braagaard, C. 37993
Durhuus, T. *see* Mikkelsen, B. 5979
Durhuus, T. *see* Mikkelsen, B. 23011
Durhuus, T. *see* Mikkelsen, B. 35966
Durhuus, T. *see* Mikkelsen, B. 38129
Durhuus, T. *see* Pedersen, R.J.S. 23008
Durhuus, T. *see* Stubkjaer, K. 28874
Duric, M.B., Terzija, V.V., Skokljev, I.A. Power system frequency estimation utilizing the Newton-Raphson method 47344
Duricek, L., Bunciak, M., Bohacek, P. Comparison of electrical characteristics of P+Si and B+Si coimplanted active layers in SI GaAs 2037
Durie, R.C., Pottle, C. A transputer-based real-time digital transient network analyzer 24626
During, C. Real-time optical measurement of position 46619
Durkin, A. *see* Bondarev, B. 15523
Durkin, A.P. *see* Bondarev, B.I. 46760
Durkin, L.S. *see* Bylsma, B. 15667
Durkin, L.S. *see* Bylsma, B.G. 31675
Duron, E. *see* Evans, J.B. 5601
Durongkaveroj, P. *see* Loxsom, F. 33175
Durrand, J.C. *see* Dujardin, E. 23172
Durrani, T.S. *see* Al-Adnani, A. 21710
Durrani, T.S. *see* Goh, K.H. 36962
Durrani, T.S. *see* Goh, K.H. 45669
Durrani, T.S. *see* Yuan, Y. 22002
Durrant-Whyte, H.F. *see* Manyika, J.M. 44644
Durrant-Whyte, H.F. *see* Yang Gao 21985
Durschinger, M., Robisch, O. Laser microwelding 36089
Durst, T. *see* Beecher, J.E. 28960
Durvasula, R. *see* Pracht, J.L. 23886
Durvaux, M., Fossion, M., Jesupret, T., Pequet, E. The TETRA standard: a platform for PMR application 37900
Dusa, M., Xiao, G., Menagh, F., Rauch, E., Gouin, W.G., Mirth, G. Application specific microscopy for half micron metrology 6781
Dusa, M.V., Karklin, L., Goldmann, M., Gouin, W., Mirth, G. Determine submicron process window volume with simulator tools 2355
Dusa, V. The operation equations for the synchronous machine without natural stability limit (MSEDV). III. Equivalent machine equations in relative units 32840
Dusane, R.O., Dusane, S.R., Bhide, V.G., Kshirsagar, S.T. Hydrogenated microcrystalline silicon films produced at low temperature by the hot wire deposition method 9697
Dusane, S.R. *see* Dusane, R.O. 9697
Dushkin, A. *see* Denisov, S. 31708
Dushkin, A.Yu. *see* Gilitskii, Yu.V. 46921
Dusit Kruangam *see* Wirote Boonkosum 28660
Dusonchet, L. *see* Augugliaro, A. 24794
Dussa-Zieger, K. *see* Alaettinoglu, C. 45615
Dussardier, B. *see* Pikhtin, N. 12053
Dussault, H., Howard, J.W., Jr., Block, R.C., Pinto, M.R., Stapor, W.J., Knudson, A.R. Numerical simulation of heavy ion charge generation and collection dynamics 34901
Dussell, W.O., Medina, J. Using creative surface mount manufacturing and packaging as a competitive weapon 33376
Duster, J. *see* Assaderaghi, F. 19835
Dustmann, C.-H., Sudworth, J.L. ZEBRA powers electric vehicles 48335
Dusza, A. *see* Berkan, W. 48470
Dusza, A. *see* Berkan, W. 48471
Duta, M.J. *see* Silard, A.P. 2505
Duta, M.J. *see* Silard, A.P. 2541
Dutartre, D. *see* Guldner, Y. 10726
Dutech, A.E. *see* Leerink, L.R. 4567
Dutisseuil, E., Sibille, A., Palmier, J.F., Aristone, F., Mollot, F., Thierry-Mieg, V. Competition between miniband conduction and intervalley transfer in $GaAs/Ga_{1-x}Al_xAs$ superlattice oscillators investigated by hydrostatic pressure 34594
Dutkiewicz, E., Anido, G. Investigation of optimal function distribution in switching systems 37673
Dutkiewicz, P., Kozlowski, K.R., Wroblewski, W.S. Experimental identification of load parameters 17138
Dutoit, T., Leich, H. MBR-PSOLA: text-to-speech synthesis based on an MBE resynthesis of the segments database 4573
Dutoit, T., Leich, H. Improving the TD-PSOLA text-to-speech synthesizer with a specially designed MBE re-synthesis of the segments database 13113
Dutoit, T., Leich, H. MBR-PSOLA: text-to-speech synthesis based on an MBE re-synthesis of the segments database 29520
Dutra, L.A. *see* Kirkpatrick, M. 16111
Dutriaux, L., Le Floch, A., Bretenaker, F. Measurement of the transverse displacement at total reflection by helicoidal laser eigenstates 3756
Dutronc, P., Lucat, C., Menil, F., Loesch, M., Combes, L. A new approach to selectivity in methane sensing 6656
Dutronc, P., Lucat, C., Menil, F., Loesch, M., Horrillo, M.C., Sayago, I., Gutierrez, J., de Agapito, J.A. A potentially selective methane sensor based on the differential conductivity responses of Pd- and Pt-doped tin oxide thick layers 6641
Dutsch, W., Fichter, D. Electric power installations of Munich Nord shunting yard 17546
Dutt, A., Rokhlin, V. Fast Fourier transforms for nonequispaced data 631
Dutt, A.Amar *see* Amar Dutt, A.
Dutt, D.Narayana *see* Narayana Dutt, D.
Dutt, M.B. *see* Kumar, R. 2025
Dutt, N. *see* Kolson, D.J. 41943
Dutt, N.D. A language for designer controlled behavioral synthesis 9885
Dutt, N.D. *see* Ang, R.P. 1177
Dutt, N.D. *see* Ang, R.P. 26604
Dutt, N.D. *see* Jha, P.K. 18602
Dutt, N.D. *see* Jha, P.K. 34027
Dutt, N.D. *see* Jha, P.K. 41783
Dutt, N.D. *see* Jha, P.K. 41821
Dutt, R.B., Gururaja, J., Gururaja, J. Harnessing renewable energy in India: achievements and prospects to 2001 25111
Dutt, R.B., Naraghi, M., Tatoian, J., Francheschetti, G. Image theory for a rough planar surface 12549
Dutt, R.V.S.Krishna *see* Krishna Dutt, R.V.S.
Dutt, S. *see* Caussyn, D.D. 38778
Dutt, S. *see* Ellison, M. 38779
Dutt, S. *see* Huang, H. 23976
Dutt, S. *see* Lee, S.Y. 7040
Dutt, S. *see* Li, D. 6973
Dutt, V. *see* Belohlavek, M. 7415
Dutta, A. Telecommunications infrastructure in developing nations: rural coverage 22395
Dutta, A., Chaudhury, S. Bengali alpha-numeric character recognition using curvature features 22048
Dutta, A., Mitra, S. A hybrid AI/OR decision support tool for backbone communications network design 13987
Dutta, A., Mitra, S. Integrating heuristic knowledge and optimization models for communication network design 37510
Dutta, B. *see* Ramesh, R. 43226
Dutta, J., Roubeau, P., Emeraud, T., Laurent, J.-M., Smith, A., Leblanc, F., Perrin, J. Application of pyrosol deposition process for large-area deposition of fluorine-doped tin dioxide thin films 33675
Dutta, J. *see* Kroll, U. 33711
Dutta, L.S. *see* Groteluschen, E. 11262
Dutta, M. *see* Lu, Y. 27529
Dutta, M. *see* Pamulapati, J. 20402
Dutta, M. *see* Yang, L.W. 11167
Dutta, N.K., Berger, P.R. Laser and photoreceiver arrays for parallel optical data link applications 6028
Dutta, N.K., Lopata, J., Berger, P.R., Wang, S.J., Smith, P.R., Sivco, D.L., Cho, A.Y. 10 GHz bandwidth monolithic *p-i-n* modulation-doped field effect transistor photoreceiver 11892
Dutta, N.K., Lopata, J., Logan, R., Tanbun-Ek, T. Integrated distributed feedback laser and optical amplifier 3644
Dutta, N.K. *see* Chand, N. 43820
Dutta, N.K. *see* Lopata, J. 12127
Dutta, N.K. *see* Nichols, D.T. 12144
Dutta, N.K. *see* Nichols, D.T. 43689
Dutta, N.K. *see* Pearsall, T.P. 20881
Dutta, S., Henely, S.J. Low cost coherent demodulation for mobile satellite terminals 37936
Dutta, S.P. *see* Wang, M.H. 40892
Dutta Gupta, P.B., Karnik, S.R. Fast and exact line reclosing analysis technique 16205
Dutta Majumder, D. *see* Mukherjee, D.P. 13674
Dutta Majumder, D. *see* Saha, P.K. 45101
Dutta Roy, S.C. *see* Singh, I. 29575
Duttagupta, P.B. *see* Jana, A.K. 7745
Dutting, K., Idler, W., Wiedermann, P. 10 Gbit/s DFB laser/monitor PICs for low cost high speed laser modules 11894
Dutting, K. *see* Hildebrand, O. 45948
Dutting, K. *see* Schilling, M. 12171
Dutto, G. *see* Dehnel, M. 7395
Dutto, G. *see* Zelenski, A.N. 31635
Dutton, L.M.C. Controlling radiation dose during maintenance 47634
Dutton, R. *see* Ravaioli, U. 11109
Dutton, R.W., Plummer, J.D. Tool integration for power device modeling including 3D aspects 2408
Dutton, R.W. *see* Chen, D. 18701
Dutton, R.W. *see* Goossens, R.J.G. 34889
Dutton, R.W. *see* Huang, R.Y.S. 19549
Dutz, H., Gehring, R., Goertz, S., Kramer, D., Meyer, W., Paulsen, R., Reichertz, L.A., Reicherz, G., Thiel, W., Thomas, A., Weber, J. The new Bonn frozen spin target for experiments with real photons 31657
Dutz, H. *see* Reichertz, L.A. 31658
Duval, F. *see* Wei, M. 47126
Duval, J.-M. *see* Dorizzi, B. 16276
Duval, P.Y. *see* Ambrosini, G. 38898
Duval, V. *see* Herring, M. 23712
Duval, V.G. *see* Bruegge, C.J. 24463
Duvall, S.G. Toward a practical methodology for the statistical design of complex integrated circuit products 17800
Duvanaud, C., Bouysse, P., Nebus, J.M., Lapierre, L., Villotte, J.P. Optimization of trade-offs between efficiency and intermodulation in SSPAs based on experimental and theoretical considerations 1515
Duvanaud, C. *see* Dietsche, S. 30625
Duvaut, P., Doligez, T., Garreau, D. Bicorrelation & bispectrum non parametric & parametric approaches 4711
Duverneuil, P. *see* Ait Amer, S. 9729
Duverneuil, P. *see* Tounsi, A. 9732
Duvillier, J., Killinger, M., Heggarty, K., Yao, K., de Bougrenet de la Tocnaye, J.L. All-optical

implementation of a self-organizing map: a preliminary approach 35527
Duvivier, J.C. *see* Le Roux, P. 37994
Duvoisin, P.F. *see* Tinnium, K.N. 47445
Duvvury, C. *see* Diaz, C. 28258
Duvvury, C. *see* Diaz, C.H. 43128
Duxbury, G. *see* Knight, D.J.E. 6294
Duy, C.Vu *see* Vu Duy, C.
Duy, T.Nguyen *see* Nguyen Duy, T.
Duyar, A., Eldem, V., Merrill, W., Ten-Huei Guo Fault detection and diagnosis in propulsion systems: a fault parameter estimation approach 32049
duyn Schouten, F.A.van der *see* van der duyn Schouten, F.A.
Duzer, T.Van *see* Van Duzer, T.
Duzy, P. *see* Biesenack, J. 33836
Dvinskikh, V.A. Calculation of the parameters of the components of quasiperiodic oscillations 29700
Dvinskikh, V.A. Determination of the parameters of the components of quasiperiodic digital signals 36693
Dvir, A. *see* Sadot, D. 29777
Dvir, A. *see* Sadot, D. 46501
Dvorak, C.A. *see* Peterson, G.H. 37339
Dvorak, L. *see* Kovar, M. 23928
Dvorak, M. *see* Benda, V. 1041
Dvornbikov, A.S. *see* Malkin, J. 21026
Dvornikov, A.S., Malkin, J., Rentzepis, P.M. Nonlinear properties of photochromic materials for use in optical devices 20282
Dvornikov, A.S. *see* Ford, J.E. 20245
Dvornikov, V.I., Belotserkovsky, A.A., Barinberg, V.A., Levin, V.E. A study of induction slip-ring motor drive system using load-commutated converter 17514
Dvorsek, T., Cizelj, L. An analysis of in-service inspection data at tube support plates of Krsko steam generators 39822
Dvortsov, S.V., Feschenko, A.V., Jarylkapov, S.J., Ostroumov, P.N. The Δt procedure application at the INR linac 15462
Dvoryakin, V.F. *see* Dvoryanikina, G.G. 28593
Dvoryanikina, G.G., Telegin, A.A., Dvoryakin, V.F., Petrov, A.G., Kyarginskaya, L.G., Ushakov, N.M., Solodkii, A.N., Telegina, L.S. Photoelectric properties of an Al-GaAs/InGaAsP/InP(Fe) heterostructure 28593
Dvoryankin, A.N. Influence of mixing and dissociation on the characteristics of the chemical oxygen iodine laser 35665
Dvurechenskii, A.V. *see* Yakimov, A.I. 42489
Dvurechenskii, V.D. *see* Tereshin, O.N. 29392
Dwarakanath, K. *see* Poovamma, P.K. 47921
Dwarakanath, K.S. *see* Kassim, N.E. 46150
Dwayne Miller, R.J., Bonner, C., Palese, S., Pereira, M., Schilling, L., Walmsley, I.A., Wang, D., Zhen Guo Development and applications of electro-optics for high power systems 20723
Dwersteg, B. *see* Balewski, K. 46775
Dwir, B. *see* Carlin, J.F. 9649
Dwivedi, P.K., Srivastava, S.K., Kumar, A. Composition dependence of photoconductivity in amorphous thin films of $Se_{70}Te_{30-x}Sb_x$ 11822
Dwivedi, R. *see* Nayak, M.S. 46533
Dwivedi, R. *see* Sharma, A.K. 40469
Dwivedi, V.K., Singh, N.B., Pyne, D., Johri, S., Virdi, G.S. Process integration, architecture and simulation of a GHz-BiCMOS ULSI technology 11323
Dwork, C., Feige, U., Kilian, J., Safra, M. Low communication 2-prover zero-knowledge proofs for NP 21536
Dwork, C., Naor, M. Pricing via processing or combatting junk mail 22483
Dworkin, L.U., Taylor, L.L. Whither personal communications 14488
Dwyer, H.A. *see* Vinh, H. 47151
Dwyer, L. *see* Flores, G. 2378
Dwyer, R.F. Identification of acoustic objects in motion from the fourth-order cumulant spectrum 4729
Dwyer, V.M. *see* Franklin, A.J. 28216
Dwyer, V.M. *see* Tunnicliffe, M.J. 28166
Dyachenko, P.P., Dorofeev, Yu.B., Poletaev, E.D., Tarasko, M.Z. Subthreshold diagnostics of He-Cd active medium for direct nuclear-pumped lasers 20641
Dyachenko, P.P., Kalinin, V.V., Seregina, E.A., Shevchuk, O.D., Tichonov, G.V., Gilyarov, O.N., Krasilov, Yu.I., Kulikovskiy, B.N., Novoderyozhkina, T.L. Inorganic liquid laser doped with neodymium and uranyl 20660
D'yachkov, A.I. *see* Belikov, S.V. 7199
D'yachkov, A.I. *see* Belikov, S.V. 7200
D'yachuk, G.G., Kvasnikov, L.A. Optimal operating modes of thermoelectric generator dumping its heat by radiation at constant temperatures of cooler surface 25846
Dyadin, S.S. *see* Baiborodin, Yu.V. 15050
Dyakonov, M., Shur, M. Shallow water analogy for a ballistic field effect transistor: new mechanism of plasma wave generation by DC current 2588
D'yakonov, V.P. Signal harmonic synthesis, analysis, and filtration by MathCAD system 4766
Dyakonova, O.A. *see* Apletalin, V.N. 31402
D'yakonova, O.A. *see* Borul'ko, V.F. 41541
Dyakov, A.F. A development forecast and reforms in the management of the Russian electric power industry 39527
Dyakov, O.P. *see* Vorobev, V.S. 37957
D'yakov, V.A., Korol'kov, S.A., Mamaev, A.V., Shkunov, V.V. Phase self-conjugation of pump waves with 'boiling' speckle-structure as a result of stimulated diffusion backscattering in $KNbO_3$:Fe 21050
D'yakov, Yu.E. Propagation and compression of pulses in media with dispersion losses 3072
Dyakov, Yu.E. *see* Apanasevich, P.A. 3882
Dyatchuk, G.G., Kvacnikhov, L.A. Optimal regimes of thermoelectric generator escaping thermal power by radiation with constant temperature of its hot thermojunctions 48148
Dyban, Ye.P., Epik, E.Ya., Mel'nik, V.D. Heat transfer from prismatic chips mounted above a flat circuit board 1694
Dybdal, K. *see* Hansen, S.L. 43794
Dybdal, K. *see* Lomholt Hansen, S. 30862
Dybvik, P.E. Listen to Internet 37421
Dybvik, P.E. *see* Lie, H.W. 30342
Dybvik, P.E. *see* Lie, H.W. 37423
Dybvik, P.E. *see* Solvoll, D. 37422
Dychala, D. *see* Wahlers, R. 17864
Dyck, O.B.van *see* van Dyck, O.B.
Dyck, R.E.Van *see* Van Dyck, R.E.
d'Ydewalle, G. *see* Cavegn, D. 24146
Dye, K.D. *see* Gau, Y. 5690
Dye, N., Granberg, H. Using RF transistors. 2. Putting a figure on low power devices 11108
Dye, N., Granberg, H. Using RF transistors: choosing the right device 18498
Dye, N., Granberg, H. Using RF transistors. 4. Factors affecting amplifier design 33908
Dye, N., Granberg, H. Using RF transistors 34915
Dye, N., Granberg, H. Using RF transistors: power construction techniques 41630
Dye, N., Granberg, H. Using RF transistors: single-ended, parallel or push-pull power? 41697
Dye, N.E. Interpretation of data sheets for RF semiconductors. II. Power transistors 2512
Dye, N.E. HF-component data sheets correctly interpreted. IV. linear module characteristics 9971
Dye, N.E. Interpretation of data sheet parameters of RF components. 3. Characteristics of low power transistors 11144
Dye, N.E. Data sheets for HF components interpreted correctly. V. Function characteristics of power modules 18466
Dye, S.T. *see* Grajew, G. 37613
Dye, T.A., Teose, E. Digital storage scopes advance 6678
Dye, T.E., Bykowski, M.B. Review of Cl pamphlet no. 139: electrical safety in Chlor-Alkali cell facilities 33311
Dyer, C.J. *see* Bannister, P.R. 4314
Dyer, C.R. *see* Eggert, D.W. 21950
Dyer, C.R. *see* Kutulakos, K.N. 30047
Dyer, D.E. *see* Gunsch, G.H. 24576
Dyer, J. The facts and figures of HF receiver performance 22757
Dyer, P.N. *see* Fine, S.M. 41481
Dyer, S. *see* Goddard, P. 41755
Dyer, S.L., Goddard, P.F. Digital filter ASICs 42068
Dyer, T.E., Marshall, J.M., Pickin, W., Hepburn, A.R., Davies, J.F. Polysilicon thin films and devices produced by low-temperature (600°C) furnace crystallisation of hydrogenated amorphous silicon (a−Si:H) 9684
Dyer, T.E., Marshall, J.M., Pickin, W., Hepburn, A.R., Davies, J.F. Optoelectronic and structural properties of polysilicon produced by excimer laser and furnace crystallisation of hydrogenated amorphous silicon (a-Si:H) 34494
Dyer, T.E. *see* Lau, S.P. 28665
Dyk, J.Van *see* Van Dyk, J.
Dykaar, D.R., Eaglesham, D.J., Keil, U.D., Green, B.I., Saeta, P.N., Pfeiffer, L.N., Kopf, R.F., Darack, S.B., West, K.W. Molecular beam epitaxy of low temperature grown GaAs photoconductors 744
Dykaar, D.R. *see* Keil, U.D. 43635
Dyke, G.A.Hoek van *see* Hoek van Dyke, G.A.
Dyke, J.Van, Sr. *see* Van Dyke, J., Sr.
Dykman, C.A. *see* Davis, C.K. 14147
Dykman, M.I., Golubev, G.P., Luchinsky, D.G., McClintock, P.V.E., Stein, N.D., Stocks, N.G. Noise-enhanced heterodyning in bistable systems 41711
Dykman, M.I., Luchinskiy, D.G., McClintock, P.V.E., Stein, N.D., Stocks, N.G. Noise-enhanced heterodyning 21707
Dykstra, C.J. *see* Barney, J.S. 15727
Dylis, W. *see* Kosicki, M. 48493
Dylla, H.F. *see* Jordan, K. 15295
Dymarski, M.J. *see* Reid, P.J. 8088
Dymarski, P. *see* Moreau, N. 36608
Dymnikov, A.D., Limar, V.V., Sidorov, V.P. Mathematical simulation of precision scanning by a H^- beam 46731
Dymshits, V.T. *see* Safronov, G.S. 13502
Dynes, S., Gordon, T. 38 GHz fixed links in telecommunications networks 37714
Dynna, M., Okada, T., Weatherly, G.C. The nature of dislocation sources and strain relief in $InAs_yP_{1-y}$ films grown in (100) InP substrates 33656
Dynowska, E. *see* Kaminska, E. 27781
Dynowska, E. *see* Sadowski, J. 724
Dyogtev, Yu.G., Panchenko, V.P. Numerical study of the combustion products properties of powder fuels for pulsed MHD generators 25760
Dyomin, N.A. *see* Sergeyenko, N.M. 25753
Dyomin, N.A. *see* Sergeyenko, N.M. 25758
Dyre, K. *see* Olsen, F. 25293
Dyrnes, S.L. Fuse classifications and protection of IEC motor starters 8263
Dyrseth, A.A. *see* Spooren, R. 3906
Dyshel', D.E. Frequency relationship of the active constituent of the resistance of $Sn_{0.9}Sb_{0.1}O_2$ powder-base thick-film resistors 1751
Dyshkant, A.S. *see* Buzulutskov, F. 24056
Dyson, E. Maintenance management—a step forward 9192
Dyson, J.I. *see* Stevenson, J.M. 48254
Dyson, P.L. *see* Bennett, J.A. 12612
Dyson, P.L. *see* Norman, R.J. 12610
Dyson, P.L. *see* Platt, I.G. 21247
Dzenzersky, V.A. *see* Burylov, S.V. 25882
Dzhangirov, V.A., Fiantsev, V.S. Strategic management of the development of electrical power systems in the Commonwealth of Independent States 7743
Dzhangirov, V.A., Tkachenko, S.A., Barinov, V.A., Manevich, A.S. Toward evolution of Power Grid in new social and political situation 24658
Dzheiranyan, G.A. *see* Alodzhants, A.P. 12300
Dzhendubaiev, A.-S.R. Static operating regimes of autonomous induction generator with two stator winding 47874
Dzhotyan, G.P. *see* Arutyunyan, G.V. 12338
Dzhotyan, G.P. *see* Arutyunyan, G.V. 12669
Dzhuraev, A.A. *see* Abdushukurov, D.A. 38843
Dzhuraev, U.B. *see* Muminov, R.A. 46948
Dzhurvarly, Ch.M., Dmitriev, E.V., Lyu Manguan Method of restricting the rate of decrease of short-circuit currents to zero value 32468
Dziadecki, A. *see* Szklarski, L. 16842
Dziedzic, A. *see* Czarczynska, H. 1752
Dziedzic, A. *see* Dalachartre, P. 14720
Dzielinski, A. *see* Posluszny, M. 17006
Dzieniakowski, M.A. *see* Kazmierkowski, M.P. 16984
Dzieniakowski, M.A. *see* Kazmierkowski, M.P. 17081
Dzierba, A. *see* Bar-Yam, Z. 46864
Dzierzgowski, D. Typical ambiguity and elementary equivalence 26300
Dziesiaty, J. *see* Klimakow, A. 33581
Dzioba, S., Rousina, R. Dielectric thin film deposition by electron cyclotron resonance plasma chemical vapor deposition for optoelectronics 41412
Dziomba, G.E. *see* Bandler, S.W. 19266
Dziuba, C.M. *see* Chittipeddi, S. 2120
Dziuba, C.M. *see* Chittipeddi, S. 2254
Dziura, T.G., Yang, Y.J., Fernandez, R., Bardin, T., Wang, S.C. High-speed modulation characteristics of helium-implanted zinc-diffused vertical cavity surface emitting lasers 43883
Dzung, D., Braun, W.R. Performance of coherent data transmission in frequency-selective Rayleigh fading channels 14497
Dzurak, A.S., Smith, C.G., Martin-Moreno, L., Pepper, M., Ritchie, D.A., Jones, G.A.C., Hasko, D.G. Thermopower of a one-dimensional ballistic constriction in the non-linear regime 1878
Dzurko, K. *see* O'Brien, S. 12198
Dzurko, K. *see* Waarts, R. 29019
Dzurko, K.M., Hardy, A., Scifres, D.R., Welch, D.F., Waarts, R.G., Lang, R.J. Distributed Bragg reflector ring oscillators: A large aperture source of high single-mode optical power 12181
Dzwiarek, M. *see* Jablonski, R. 46629
Dzwonczyk, R., Hartzler, A.W., Liu, A.Y. A new apparatus and method for measuring the myocardial electrical impedance spectrum 39060
Dzwonkowski, P. *see* Julien, C. 42453
Dzyubina, T.V. Mathematical models for analysis and synthesis of reliability of power system energy resource supply 24588

e Moura, A.Machado *see* Machado e Moura, A.
e Silva, T.Oliveira *see* Oliveira e Silva, T.
E Zhou *see* Zhou E
E-Ren Chuang, Sher, D. χ^2 test for feature detection 13639
Eager, D.L. *see* Willick, D.L. 45571
Eaglesham, D.J., Unterwald, F.C., Luftman, H., Adams, D.P., Yalisove, S.M. Effect of H on Si molecular-beam epitaxy 18200
Eaglesham, D.J. *see* Adams, D.P. 9596
Eaglesham, D.J. *see* Adams, D.P. 33649
Eaglesham, D.J. *see* Benton, J.L. 10842
Eaglesham, D.J. *see* Berger, S.D. 27903
Eaglesham, D.J. *see* Dykaar, D.R. 744
Eaglesham, D.J. *see* Gossmann, H.-J. 738

Eaglesham, D.J. *see* Gossmann, H.-J. 19529
Eaglesham, D.J. *see* Jacobson, D.C. 34750
Eaglesham, D.J. *see* Poate, J.M. 10829
Eakin, D. Trends in networking—downsizing your costs 37189
Eam Khwang Teoh *see* Lim, A.W.T. 29991
Eardley, P.L. *see* McCullagh, M.J. 45980
Earl, L. *see* Johnson, K. 19030
Earls, J.D. *see* Hower, G.L. 4049
Earls, M.R. *see* Davis, G.J. 39207
Early, E.A. *see* Weir, S.T. 28395
Early, J.W. *see* O'Shea, P.G. 12263
Early, J.W. *see* O'Shea, P.G. 43968
Early, K., Tennant, D.M., Jeon, D.Y., Mulgrew, P.P., MacDowell, A.A., Wood, O.R., II, Kubiak, G.D., Tichenor, D.A. Characterization of AZ PN114 resist for soft-X-ray projection lithography 27828
Early, K., Windt, D.L., Waskiewicz, W.K., Wood, O.R., II, Tennant, D.M. Repair of soft-X-ray optical elements by stripping and redeposition of Mo/Si reflective coatings 27980
Early, K. *see* Kubiak, G.D. 27827
Early, K. *see* MacDowell, A.A. 27832
Earnshaw, R.W., Hind, A. A parallel simulator for performance modelling of broadband telecommunication networks 5313
Earwaker, L.G. *see* Aylett, B.J. 42791
Earwaker, L.G. *see* Hurley, P.K. 19563
Easler, J.D. Implementing project controls for a new company 32683
Easo, S. *see* DiBitonto, D. 31722
Eason, R.W., Youden, K.E., Grevatt, T., Rutt, H.N., Deol, R.S., Wylangowski, G., Gill, D.S. Pulsed-laser deposition of Ga-La-S chalcogenide glass films for optical waveguide applications 18260
Eason, R.W. *see* James, S.W. 3830
Eason, R.W. *see* Jeffrey, P.M. 44084
Easson, W. *see* Morgan, R.D. 11611
Easson, W.J. *see* Jakobsen, M.L. 13475
East, A.J. *see* Khanarian, G. 3834
East, A.J. *see* Sansone, M.J. 44153
East, G. *see* Caussyn, D.D. 7026
East, G. *see* Caussyn, D.D. 38778
East, G. *see* Ellison, M. 38779
East, G. *see* Huang, H. 23976
East, G. *see* Lee, S.Y. 7040
East, G. *see* Li, D. 6973
East, J. *see* McGregor, D.S. 47017
East, J.R. *see* Chen, W.L. 19701
East, J.R. *see* Chen, W.L. 42869
East, J.R. *see* Kyounghoon Yang 42868
East, J.R. *see* Li, W.Q. 19033
East, J.R. *see* Moore, K.E. 19917
East, J.R. *see* Teeter, D.A. 19063
Eastep, B., Olewine, M. Applying vacuum diagnostics to etch systems 19604
Easter, J.R., Lot, L. Back-fitting a fully computerized alarm system into an operating Westinghouse PWR: a progress report 39765
Easter, J.R. *see* Carrera, J.P. 39833
Easterbrook, J.E. *see* Drewery, J.O. 31018
Eastes, R.W. *see* Oznovich, I. 29889
Eastham, A.R. *see* Idir, K. 47901
Eastham, A.R. *see* Liu, Z. 44245
Eastham, J.F., Evans, P.D., Akmese, R., Ibrahim, M.I. Calculation of armature fields and reactances for the design of double disc alternators 47862
Eastman, L.F. *see* Chen, Y.-P. 18182
Eastman, L.F. *see* Hur, K.Y. 28192
Eastman, L.F. *see* LeTran, T.T. 42484
Eastman, L.F. *see* Litvin, K. 1634
Eastman, L.F. *see* Tsai, C.Y. 20806
Easton, H. *see* Gillies, B.A. 15905
Easton, R.L., Jr. *see* Ehrhard, D.G. 23086
Eastwick, D. *see* Honnenhalli, S. 18693
Eastwick, D. *see* Shiffer, J. 18666
Eastwood, A.W. *see* Prewett, P.D. 19682
Eastwood, A.W. *see* Prewett, P.D. 27921
Eastwood, A.W. *see* Prewett, P.D. 28008
Eastwood, D. *see* Alarie, J.P. 6681
Easwar, K. *see* Sarkar, B.K. 27186
Eatock, B. *see* Weber, P. 23198
Eatock, B.C. *see* Nohara, T.J. 23166
Eatock, J. *see* Mason, J.S. 13129
Eaton, G.H., Clarke-Gayther, M.A., Scott, C.A., Uden, C.N., Williams, W.G. Fast E-field switching of a pulsed surface muon beam: the commissioning of the European Muon Facility at ISIS 46784
Eaves, L. *see* Barmby, P.W. 42837
Eaves, L. *see* Beton, P.H. 34904
Eaves, L. *see* Buhmann, H. 42851
Eaves, L. *see* Harrison, P.A. 42857
Eaves, L. *see* Hayden, R.K. 34578
Eaves, L. *see* Kuhn, O. 43650
Eaves, L. *see* Lerch, M.L.F. 42849
Eaves, L. *see* Martin, A.D. 35038
Eaves, L. *see* Sakai, J.W. 42850
Eaves, L. *see* Turner, T.S. 42505
Ebana, J., Ikezawa, Y., Takamura, T. Resistivity of Li-intercalated pitch-based carbon fiber electrode measured in situ 40407
Ebara, M., Kawakatsu, T., Ohnishi, Y., Amino, T., Takahashi, Y. Picture quality improvement of MUSE/NTSC system on display having 4:3 aspect ratio 38257
Ebara, Y. *see* Geddes, N.J. 23738
Ebata, S. *see* Takeuchi, Y. 32590
Ebberg, A., Noe, R., Stoll, L., Schimpe, R. A coherent OFDM switching system for flexible optical network configuration 6063
Ebberg, A. *see* Khoe, G. 6054
Ebbesen, T.W. *see* Tanigaki, K. 9528
Ebbinghaus, G. *see* Bauer, J.G. 35572
Ebbini, E. *see* Wang, H. 15901
Ebbini, E.S. Optimal transversal filter bank for 3D real-time acoustical imaging 29811
Ebbini, E.S. *see* Hong Wang 39093
Ebbini, E.S. *see* Li, P.-C. 15707
Ebbini, E.S. *see* Seip, R. 15902
Ebecken, N.F.F. *see* Coutinho, A.L.G.A. 18104
Ebel, S.J. *see* Spillman, D.M. 17173
Ebel, W.J. *see* Crowe, M.S. 44697
Ebeling, C. *see* Boiding, K. 34121
Ebeling, J. *see* Sullivan, J. 39482
Ebeling, J.A., Sundbom, T.A., Blanchard, S.K., Beaty, L. Inlet air cooling utilizing ice storage for multiple unit/combined cycle capacity enhancement 40004
Ebeling, K.J. *see* Michalzik, R. 12189
Ebeling, K.J. *see* Moller, B. 38095
Ebeling, K.J. *see* Panzlaff, K. 9641
Ebeling, K.J. *see* Wipiejewski, T. 20788
Ebeling, K.J. *see* Wipiejewski, T. 35355
Ebergen, J.C. Parallel computations and delay-insensitive circuits 18668
Ebergen, J.C., Peeters, A.M.G. Design and analysis of delay-insensitive modulo-N counters 26812
Eberhard, P.H. *see* Kwiat, P.G. 46453
Eberhard, W.L. *see* Intrieri, J.M. 15997
Eberhardt, K. *see* Graeff, C.F.O. 35557
Eberhardt, K.R., Mee, R.W. Constant-width calibration intervals for linear regression 31092
Eberhardt, W.H., Stahl, W.G., Wong, P.K. Technical and economic considerations for fuel switching at Chalk Point Units 1 and 2 32673
Eberl, G., Hildebrand, P., Kuhl, M., Sutor, U., Hugel, H., Meiners, E., Wiedmaier, M., Zeller, T. Laser-chip-removal a new technology 29066
Eberl, K., Kurtenbach, A., Grambow, P., Lehmann, A., Klitzing, K.v., Heitmann, D., Dilger, M., Hohenstein, M. Preparation of low dimensional structures by molecular beam epitaxy regrowth on patterned AlGaAs buffer layers 41341
Eberle, E. *see* Greiner, T. 13459
Eberle, G., Eisenmenger, W. Anomalous recovery of the remanent polarization after heating polarized PVDF films up to 180°C 35105
Eberle, G. *see* Dehlen, B. 35104
Eberle, G. *see* Gerhard-Multhaupt, R. 35122
Eberle, G. *see* Selle, M. 35148
Eberle, H. A high-speed DES implementation for network applications 18752
Eberlein, E. *see* Guo, N. 21640
Eberly, W. Logarithmic depth circuits for Hermite interpolation 41136
Eberspacher, J. Corporate networks—requirements and objectives 37221
Ebert, B., Thomas, D.E. SeeSAW: a Verilog synthesis viewer 966
Ebert, J.A. Application considerations for variable volts per turn power transformers 47931
Ebert, M. *see* Balewski, K. 46775
Ebert, R. *see* Russell, D.A. 21018
Eberth, J. *see* Thomas, H.G. 7155
Ebihara, D., Kawaguchi, H., Muraguchi, Y., Watada, M., Nakagawa, T., Komura, S., Ohhara, T. Transportation technique for magnetically levitated thin iron plates 48368
Ebihara, D., Kawaguchi, H., Muraguchi, Y., Watada, M., Nakagawa, T., Komura, S., Ohhara, T. Design of magnetically levitated system for thin iron plates 48489
Ebihara, D., Nakata, Y., Watada, M., Watanabe, T., Nakano, H. Characteristics of inductor dimension in claw pole linear pulse motor 40274
Ebihara, D., Nakata, Y., Watada, M., Watanabe, T., Nakano, H. Flux distribution to inductor in claw pole linear pulse motor 47916
Ebihara, D., Watada, M. Development of single winding linear oscillatory actuator 25620
Ebihara, D., Watada, M., Kasugai, T. Development and high-power design of single-winding linear oscillatory actuator 8724
Ebihara, D., Watada, M., Nagashima, K. Improvement in stabilization of launching performance and launching velocity using linear accelerator 21187
Ebihara, D., Watada, M., Yanashima, K., Ohishi, Y., Dohmeki, H. High power design based on structural analysis of single-winding linear oscillatory actuator for artificial heart 39107
Ebihara, D. *see* Kim, H.J. 40630
Ebihara, D. *see* Koseki, T. 48361
Ebihara, D. *see* Osawa, S. 17535
Ebihara, D. *see* Watada, M. 39108
Ebihara, H. *see* Kawano, T. 7507
Ebihara, K. *see* Takayama, K. 43696
Ebihara, S. *see* Horikawa, M. 31901
Ebihara, T. *see* Itoh, J. 23344
Ebihara, Y., Xing Zhou Zhang Constrained mean response time and traffic in real-time communication systems with a homogeneous environment 13874
Ebiike, Y., Shimamoto, Y., Yoshida, K., Kaide, T., Ohta, Y. Development of heat resistant ultrathin insulated wires for automobiles 25902
Ebiko, H., Sato, J., Morishima, H., Enari, T., Sakurai, I. Development of composite 1.55 μm zero-dispersion shifted fiber-optic ground wire 23043
Ebina, K., Yokozawa, T., Yamaguchi, S., Kanazawa, H., Hara, H., Mine, Y., Komatsu, K., Saito, H. Numerical analysis of O_2 and H_2O effects on CO_2 gas dynamic lasers 20617
Ebinhara, K. *see* Fujishima, T. 18263
Ebinuma, Y., Ogushima, M., Aihara, M., Haga, K. Insulation measurement of 22~33 kV XLPE insulated cable by very low frequency high voltage 24952
Ebinuma, Y. *see* Nakanishi, Y. 24953
Ebisawa, F. *see* Yokoyama, K. 23735
Ebisawa, H., Wada, T., Naito, Y. A wideband audio codec 23355
Ebisu, H. *see* Tsuji, H. 28422
Ebisu, T., Watanabe, T. Responses of a superheated superconducting tin granule to photons and neutrons at a temperature of 30mK 24041
Ebisui, T. *see* Deguchi, H. 30941
Ebisutani, T. *see* Ziqiang Zhu 41355
Ebitani, K., Kitajima, H., Shirakawa, T., Ogawa, Y. Adaptive predictive image coding using variable block shapes controlled by edge orientation 37009
Ebner, W.B. *see* Megahed, S.A. 40446
Ebong, A.U., Touk, M., Wenham, S.R. A low cost metallization scheme for double sided buried contact silicon solar cells 33026
Ebrahimi, T., Kunt, M. A video codec based on perceptually derived and localized wavelet transform for mobile applications 22684
Ebrahimi, T. *see* Cicconi, P. 45051
Ebrahimi, T. *see* Kowalczuk, J. 22681
Ebrahimzadeh, M. *see* Colville, F.G. 44069
Ebrahimzadeh, M. *see* Dudley, J.M. 21084
Ebrahimzadeh, M. *see* Hall, G.J. 20978
Ebrahimzadeh, M. *see* Sibbett, W. 12089
Ebringer, L., Young, G. On efficient HR equalization of subscriber loops exploiting a priori knowledge of channel characteristics 22700
Ebskamp, F., Petersen, A.K., Pedersen, R.J.S., Zhang, X. Integrated CPFSK receiver using novel interferometric RIN suppression 38130
Ebskamp, F. *see* Pedersen, R.J.S. 23008
Ebskamp, F. *see* Pedersen, R.J.S. 45992
Eby, M.R. *see* Wong, C.J. 16120
Eby, R.K., Evers, R.C., Meador, M.A., Wilson, D. *(editors)* High Performance Polymers and Polymer Matrix Composites Symposium 40815
Eccles, M. *see* Weir, R. 1257
Eccleston, W. *see* Griffiths, P.J. 42122
Eccleston, W. *see* Johnson, D.E. 42121
Ecelberger, S.A. *see* Bryden, W.A. 9740
Ecelberger, S.A. *see* Kistenmacher, T.J. 758
Ecelberger, S.A. *see* Kistenmacher, T.J. 1842
Ecelberger, S.A. *see* Kistenmacher, T.J. 33662
Ecelberger, S.A. *see* Wickenden, A.E. 33661
Echavarri, J. *see* Abel, E. 39491
Echavarri, J. *see* Barandiaran, J. 32460
Echavarri, J. *see* Corera, J.M. 32225
Echevarria, M. *see* Angulo, J.M. 33813
Echle, G. *see* Wiegner, M. 24494
Eck, J.J. Van *see* Van Eck, J.L.
Eck, M. Degree reduction of Bezier curves 26332
Eck, T.E.Van *see* Van Eck, T.E.
Eckard, A. *see* Thalman, W.J. 895
Eckardt, D. An observer-based control of a three phase inverter 17065
Eckardt, R.C. *see* Gordon, L. 12349
Eckardt, R.C. *see* Yang, S.T. 3816
Eckardt, R.C. *see* Yang, S.T. 44137
Eckardt, T., Magedanz, T., Popescu-Zeletin, R. Using traders for autonomous service provision in intelligent networks 14298
Eckardt, T. *see* Magedanz, T. 37286
Eckardt, V. *see* Bachler, J. 46934
Eckart, D.W. *see* Cole, M.W. 10942
Eckart, R. *see* Grundler, D. 23507
Eckbreth, K.A. Ergonomic improvement of a machine maintenance procedure: a case study 9886
Ecke, W., Landrock, R., Tschernjavski, V., Willsch, R. A novel phase shift demodulation technique for optical interferometers using interference pattern generation 38541
Eckel, H.-G., Sack, L. Optimization of the turn-off performance of IGBT at overcurrent and short-circuit current 2480
Eckel, H.-G., Sack, L. Features of MOS controlled thyristors in voltage-source inverters 32933
Eckel, M., Ottenwalder, D., Scholz, F., Frankowsky, G., Wacker, T., Hangleiter, A. Improved composition homogeneity during selective area epitaxy of GaInAs using a novel In precursor 33591
Eckenrode, R.J., Swenson, W.H. NRC Office of Nuclear Regulation human factors programs in nuclear power 39723
Ecker, C. Using client-server computing within the TIRIS manufacturing environment 40911
Eckerdal, O. *see* Helmrot, E. 15783
Eckers, W. *see* Cerva, H. 43036

Eckersall, K.R., Wrighton, P.L., Bell, I.M., Bannister, B.R., Taylor, G.E., Camplin, D.A., Compton, J., Miller, P. Testing mixed signal ASICs through the use of supply current monitoring 10354
Eckersley, C. *see* Ingalls, R.G. 279
Eckert, D., Muller, K.-H., Wolf, M., Rodewald, W., Wall, B. Ageing effects in sintered $(Nd,Dy)_{15}(Fe,Co,Mo,Al)_{77}B_8$ permanent magnets 43286
Eckert, E. *see* Kocarev, L. 27108
Eckert, W., Passon, C., Brenner, K.-H. Demonstration of an optical pipeline adder based on systolic arrays 11761
Eckert, W. *see* Kuhn, T. 13136
Eckes, C. *see* Roschert, H. 11047
Eckes, Ch. *see* Roschert, H. 11079
Eckhardt, J.P., Chu, S.G., Umino, K.K. A high-density 300 ps BiCMOS GRA 10172
Eckhardt, U., Maderlechner, G. Invariant thinning 45199
Eckholz, K. *see* Aubin, J. 25519
Ecklund, S. *see* Braun, H. 15298
Ecklund, S. *see* Krejcik, P. 15394
Eckstein, B., Chadwick, D.J., del Cid, L., Moody, J.C., White, B.E. Improved VHF air/ground communications system: technical tradeoffs 37863
Eckstein, J.N. *see* Bozovic, I. 20177
Eckstein, J.N. *see* Riaziat, M.L. 11688
Ecoffet, R. *see* Moreau, Y. 35075
Economou, E.G. *see* Roussos, J.K. 22623
Economou, E.G. *see* Roussos, J.K. 37498
Economou, G.-P., Nikolaidis, S.S., Metafas, D.E., Goutis, C.E. Development of a technology independent library 18412
Economou, N. *see* Carluccio, R. 9686
Ed Shaviv *see* Chao, M.L. 33000
Eda, K., Kanaboshi, A., Ogura, T., Taguchi, Y. Direct bonding of quartz crystal onto silicon 2712
Eda, K., Ohnishi, K. Flip-chip bonding technology fabricates GHz-band SAW filters 14500
Eda, K. *see* Taguchi, Y. 1648
Eda, M. *see* Shiozawa, T. 45566
Edagawa, N. *see* Suzuki, M. 5970
Edagawa, N. *see* Suzuki, M. 6084
Edakina, T.V. *see* Bogolyubov, A.N. 44536
Edan, Y. *see* Mizrach, A. 44188
Edane, M., Yamamoto, M., Eguchi, N. DDC controller for inverters in fuel cell dispersed generation plant 16730
Edberg, T.K. *see* Weiss, S.C. 15634
Eddins, S.L. *see* Bamberger, R.H. 37027
Eddins, S.L. *see* Reeves, S.J. 37018
Eddison, I.G. Microengineering—from the White Paper to wealth creation 41031
Eddy, C.R., Jr., Hoffman, C.A., Meyer, J.R., Dobisz, E.A. Nanometer fabrication in mercury cadmium telluride by electron cyclotron resonance microwave plasma reactive ion etching 10920
Eddy, C.R., Jr., Youchison, D.L., Sartwell, B.D. Comparison of $(CH_4\text{-}O_2)\text{-}H_2$ and $CO\text{-}H_2$ plasmas for low temperature diamond film deposition by electron cyclotron resonance plasma-assisted chemical vapor deposition 41312
Eddy, D.R. *see* Rowe, A.L. 16105
Eddy, M. *see* Zhang, D. 21381
Eddy, M.M. *see* Dawei Zhang 34251
Edel, G.v. *see* v. Edel, G.
Edel, H. *see* Gower, J.F.R. 32106
Edeleman, R., Kreiser, I. Correlation of capacitive load delay 2627
Edelman, R. *see* Ay, B. 18688
Edelmoser, K. *see* Erhartt, L.L. 16975
Edelson, G.S. *see* Hlawatsch, F. 14686
Edelstein, D. *see* Kottick, D. 24674
Eden, J.D. *see* Urbanek, J. 25605
Eden, J.G. *see* Farkas, A.M. 43849
Eden, J.G. *see* Herrick, R.W. 35694
Eden, M. *see* Unser, M. 42059
Eden, R.C. *see* Moravec, T.J. 315
Edenbrandt, L. *see* Reddy, M.R.S. 24312
Edenfield, B.K. *see* Adams, J.D. 29362
Edenfield, K.M. *see* Stark, T.J. 27913
Edenhofer, P. Surface and volume scattering effects from experimentally simulated cometary and planetary media 16021
Eder, W.E. Role of graphical representations in engineering design 233
Edgar, A. Calorimetric measurements of capacitance and inductance using an integrated circuit temperature sensor 6724
Edgar, G.K., Pope, J.C.D., Craig, I. Visual accommodation problems with head-up and helmet-mounted displays 47196
Edgar, J.A. *see* Geddes, N.J. 23738
Edgar, J.H. *see* Sywe, B.S. 760
Edgar, J.H. *see* Sywe, B.S. 18266
Edgar, J.H. *see* Sywe, B.S. 33646
Edgar, T.A. *see* Abrams-Blakemore, B. 39313
Edgar, T.F. *see* Badgwell, T.A. 18287
Edgecumbe, J.P. *see* La Rue, R.A. 19314
Edgington, J.A. *see* Dodd, A.C. 7229
Edgorova, D.M. *see* Agzamova, M.Kh. 33074
Edholm, B., Olsson, J., Soderbarg, A. A self-aligned lateral bipolar transistor realized on SIMOX-material 34919
Edighoffer, J. *see* Kim, K.-J. 43996
Edinger, W., Kirschner, H., Trippe, G. Reducing the personnel dose by remote handling techniques 25139
Edirisooriya, G., Edirisooriya, S. Minimizing testing time in scan-path architecture 18619
Edirisooriya, G. *see* Edirisooriya, S. 18552
Edirisooriya, S., Edirisooriya, G. Closed form aliasing probability for Q-ary symmetric errors 18552
Edirisooriya, S. *see* Edirisooriya, G. 18619
Edl, E. *see* Woschnagg, E. 32836
Edler, B. *see* Sporer, T. 13102
Edlou, S.M., Smajkiewicz, A., Al-Jumaily, G.A. Optical properties and environmental stability of oxide coatings deposited by reactive sputtering 11805
Edmair, B. *see* Schur, B. 45911
Edmond, J.A. *see* Palmour, J.W. 19873
Edmonds, H.L., Jr *see* Rodriguez, R.A. 31917
Edmonds, J.S. *see* Rasmussen, J.R. 32727
Edmondson, M. *see* Alexiev, D. 27487
Edmondson, R. Reflections in dark glasses: future access to Australia's audiovisual heritage 46201
Edmonson, P.J., Smith, P.M., Campbell, C.K. SAW-based carrier recovery without phase ambiguity for 915 MHz BPSK wireless digital communications 5861
Edmonson, W.W. *see* Chouikha, M.F. 1327
Edmonson, W.W. *see* Combettes, P.L. 13257
Edmunson, S.A., Botterbusch, R.D., Bigelow, T.A. Application of system modeling to the development of complex systems 39179
Edney, J.P. FDDI vs. ATM: proven technology or networking panacea? 37509
Edrich, M., Baier, P.W. Measurements obtained with a functional setup versus modeling and simulation in complex mobile radio systems design—a case study 37779
Edris, A.-A. Subsynchronous resonance countermeasure using phase imbalance 32828
Edry, D., Ben-Yaakov, S. Capacitive-loaded push-pull parallel-resonant converter 25535
Eduardo, L., Castiglioni, T. Ecology—motor transport and the electric vehicle 17537
Edwall, G. Optical interconnects in modern electronic equipment practice 35629
Edwar, I. *see* El-Sattar, A.A. 40503
Edward, N. *see* Reilly, M. 27988
Edwards, A. *see* Dalton, C. 5473
Edwards, A.W. *see* Blackler, K. 46317
Edwards, B. *see* Brinthaupt, D. 30972
Edwards, B. *see* Shaw, M.J. 3423
Edwards, C. *see* Graves, C.J. 15692
Edwards, C. *see* Hutchins, D.A. 9853
Edwards, C. *see* Sun, A. 24446
Edwards, C.B. *see* Danson, C.N. 3569
Edwards, C.B. *see* Mercer, I.P. 43780
Edwards, C.S. *see* Barwood, G.P. 6297
Edwards, D., Ming Hwang, Stearns, B. Thermal enhancement of IC packages 40966
Edwards, D.A., Syphers, M.J. Engineering limitations of proton colliders 31549
Edwards, D.J. *see* Al-Raweshidy, H.S. 30809
Edwards, D.J. *see* Jenkins, A.P. 22962
Edwards, D.J. *see* Street, A.M. 30612
Edwards, D.R. *see* Vo, T.V. 47672
Edwards, E.W. Variable frequency drive and motor system selection 8792
Edwards, G. A 45-Mbits/sec. VLSI Viterbi decoder for digital video applications 45670
Edwards, G., Inkson, J.C. A microscopic calculation for hole tunnelling in type-II InAs/GaSb structures 27556
Edwards, G., Inkson, J.C. Hole states in GaAs/AlAs double-barrier structures and multiple quantum wells 34579
Edwards, G.J. *see* Scripsick, M.P. 21074
Edwards, J., Zoughi, R. Microwave sensitivity maximization of disbond characterization in conductor backed dielectric composites 18363
Edwards, J.A. *see* Keene, M.N. 20213
Edwards, L., Davidson, J.L. Preliminary observations of the power density capabilities of diamond resistors 19150
Edwards, L.M., Davidson, J.L. Polycrystalline diamond film resistors 10787
Edwards, M. *see* Beaumont, S.P. 15637
Edwards, M.J. NMOS and CMOS polysilicon drive circuits for liquid crystal displays 38627
Edwards, N.V. *see* Zhang, D. 20544
Edwards, P.J. Reduction of optical shot noise from light emitting diodes 35609
Edwards, R. *see* Harshavardhan, K.S. 20170
Edwards, R. *see* Harshavardhan, K.S. 43340
Edwards, R.M. *see* Chao-Chee Ku 16515
Edwards, R.M. *see* Ramaswamy, P. 16512
Edwards, R.M. *see* Ramaswamy, P. 16514
Edwards, R.N., Nunnally, W.C., Dickson, D., Miller, B.C., Robinett, L.K. Investigation of photoconductive silicon as a reconfigurable antenna 21447
Edwards, S. *see* Tilson, P.G. 16493
Edwards, T. *see* Helgeson, M. 39224
Edwards, W. *see* Barnes, J.C. 35753
Edwards, W.J. *see* Strane, J.W. 33664
Edwards, W.J. *see* Tsutsu, H. 19601
Edwards, W.S. Distributed Energy Simulation (DES): a tool for predicting railgun performance 39446
Ee Lee Hwa *see* Hwa Ee Lee
Eecen, P.J., Tulupov, A.V., Schep, T.J. Investigation of multi-frequency generation in the FEM 43701
Eeckhout, J.M. Isis, Merlin Gerin's answer to all needs of building management 14197
Eeckhout, P. *see* Huisken, J.A. 41940
Eeckman, F.H., Colvin, M.E., Axelrod, T.S. Comparison of three different methods for target detection and tracking 13604
Eeingold, A. *see* Katz, A. 26424
Eek, L.-O. *see* Adam, W. 31715
Eek, L.-O. *see* Adam, W. 46929
Eek, L.O. *see* Adam, W. 7259
Eems, B.Van Der *see* Van Der Eems, B.
Eeng, M.S. *see* Wu, C.H. 26420
Eernisse, E.P. *see* Clayton, L.D. 20061
EerNisse, E.P. *see* Vig, J.R. 20100
Efanov, A.V. Exact solutions of two-dimensional problems of a Schottky layer on the surface of a semiconductor 34629
Efe, K., Schaar, M.A. Performance of co-scheduling on a network of workstations 45584
Efendovich, A., Afek, Y., Sella, C., Bikowsky, Z. Multifrequency zero-jitter delay-locked loop 42021
Efeoglu, H. *see* Peaker, A.R. 9665
Effantin, M., Corfmat, J.-P. Improving monitoring of nuclear plants 25143
Effing, U. *see* Kumpel, W. 27168
Effler, L., Steiner, H., Wagner, H. Load management and energy import optimization 24793
Effron, M.S. Yield and productivity management 201
Effros, M., Chou, P.A., Riskin, E.A., Gray, R.M. A progressive universal noiseless coder 45189
Effros, M. *see* Andrews, B.D. 4849
Efimkov, V.F. *see* Gordeev, A.A. 28922
Efimov, A.A., Moskvin, L.N., Gusev, B.A., Leont'ev, G.G., Nekrest'yanov, S.N. Effect of high-temperature filtration on the composition of coolant impurities in the primary loops of power-generating units with VVER-1000 reactors 8069
Efimov, A.O. *see* Buzulutskov, A.F. 31710
Efimov, A.O. *see* Buzulutskov, F. 24056
Efimov, S., Gladkikh, P., Grigor'ev, Yu., Guk, I., Zelinsky, A., Karnaukhov, I., Kozin, V., Kononenko, S., Markov, V., Mocheshnikov, N., Mytsykov, A., Popkov, Yu., Shcherbakov, A., Strelkov, M., Tarasenko, A., Telegin, Yu., Nagaenko, M., Severgin, Yu. The pulse stretcher ring PSR-2000 current status 15384
Efimov, S.V. Fringing field effects of the plane undulator on beam dynamics in a storage ring 7030
Efimov, V.M. Asymptotically optimal expansion of a stationary random signal over a finite interval 13274
Efimov, V.M. Asymptotic distribution of finite differences of a quantized steady-state random signal 36745
Efimov, V.M., Kolesnikov, A.N. Asymptotically optimal interpolation of a Markovian signal and its application for discrete sine transformation 37005
Efimovskii, S.V., Zhigalkin, A.K., Karev, Yu.I., Kurbasov, S.V. Generation of trains of ultrashort (100-ps) pulses continuously tunable over the interval 307.6-308.6 nm by a long-pulse XeCl laser 28732
Efimovskii, S.V., Zhigalkin, A.K., Karev, Yu.I., Kurbasov, S.V. Long-pulse (0.5 μsec) electric-discharge XeCl laser continuously tunable in the 307.00-308.93 nm range 28740
Efimovskii, S.V., Zhigalkin, A.K., Karev, Yu.I., Kurbasov, S.V. Generation of USP trains of 100-psec duration, smoothly wavelength tunable in the 307.6-308.6 nm interval with active mode locking of a long-pulse XeCl laser 28741
Efraimsson, L., Rasmusson, B. Modern XLPE-cable design with improved handling, installation and treeing properties 24965
Efrat, A., Gotsman, C. Subpixel image registration using circular fiducials 4897
Efrat, U., Enman, C. Decision support model for fine pitch interconnection package design 17883
Efremenko, Y. *see* Young, K.G. 7242
Efremov, A.A., Ivanenko, A.I., Kutner, V.B., Pivarc, J., Tumanov, K.D. Vacuum system for the Dubna ECR-ion source DECRIS-14 15586
Efremov, A.A. *see* Chugreev, V.A. 31612
Efremov, A.M. *see* Abdullin, E.N. 3429
Efremov, D.V. *see* Strokach, A.P. 46701
Efremov's, D.V. *see* Martorossian, G.A. 15553
Efromov, A.A., Ivanenko, A., Kutner, V.B., Pivarc, J., Tumanov, K.D. Vacuum system for the Dubna ECR-ion source DECRIS-14 15577
Efron, U. *see* Javidi, B. 3214
Efstathiou, K. *see* Papadopoulos, G. 4687
Efstratiadis, S.N., Katsaggelos, A.K. Motion compensated recursive filtering of noisy displacement fields 13820
Eftedal, O., Brubakk, A.O. Detecting intravascular gas bubbles in ultrasonic images 31902
Eftekhari, G. Electrical conduction through anodic oxides on sulfur passivated InP 19347
Eftekhari, G. Characterization of trap sites in thin oxide on selenium-passivated GaAs 42681

Eftimov, T.A., Bock, W.J. Polarization analysis of LP_{01} and LP_{11} intermodal interference in highly birefringent bow-tie optical fibers 43407
Eftimov, T.A., Bock, W.J. Sensing with a LP_{01}-LP_{02} intermodal interferometer 46470
Eftimov, T.A. *see* Bock, W.J. 20308
Egalon, C.O., Rogowski, R. Axial strain sensitivity of single mode optical fibers (exact solution) 23669
Egalon, C.O., Rogowski, R.S. Axial strain insensitivity of weakly guiding optical fibers 43422
Egami, N. *see* Yamagishi, T. 30980
Egami, T., Nishiyama, T. Optimal preview repetitive control for air slide linear motor 47900
Egan, A. *see* Murphy, J.A. 29265
Egan, A. *see* Murphy, J.A. 34213
Egan, M.G. *see* Moynihan, J.F. 17463
Egan, M.G. *see* Rochford, C. 8348
Egan, M.G. *see* Willers, M.J. 8655
Egan, R.J., Chin, V.W.L., Tansley, T.L. Dislocation scattering effects on electron mobility in InAsSb 34515
Egan, R.J. *see* Lyle, R.P. 35495
Egashira, M., Shinya, N. Local strain sensing using piezoelectric polymer 9808
Egashira, M. *see* Feng, C.D. 23751
Egashira, M. *see* Feng-Cang Lin 38739
Egashira, M. *see* Takao, Y. 46535
Egashira, Y. *see* Saito, T. 27798
Egashira, Y. *see* Shimogaki, Y. 827
Egawa, K. *see* Beag, Y.W. 26479
Egawa, T., George, T., Jimbo, T., Umeno, M. Characterization of single quantum wells on GaAs/Si grown by metalorganic chemical vapor deposition 43927
Egawa, T., Hasegawa, Y., Jimbo, T., Umeno, M. Strain-relieved reliable lasers grown on Si by MOCVD 12212
Egawa, T., Jimbo, T., Hasegawa, Y., Umeno, M. Optical and electrical degradations of GaAs-based laser diodes grown on Si substrates 35860
Egawa, T. *see* Hasegawa, S. 38065
Egawa, T. *see* Sakauchi, H. 13952
Egawa, T. *see* Yang, M. 46427
Egawa, T. *see* Yuasa, T. 11775
Egbert, D. *see* Assadi, H. 24798
Egberts, B. *see* Huisken, J.A. 41940
Egel, T., Srinivasan, C. System-level modelling and simulation of a mixed-signal design 10349
Egelhaaf, H.J. *see* Bauerle, P. 26528
Egelhof, P. *see* Meier, J. 24027
Egelmeers, G.P.M. Adaptive filter systems: complexity-performance optimalisation 4671
Egelmeers, G.P.M., Sommen, P.C.W. Relation between reduced dimension time and frequency domain adaptive algorithm 21754
Egeni, G.P. *see* Calabrese, R. 38804
Egenstafer, F. Double feedback circuit analysis 26548
Eger, D., Oron, M., Katz, M. Optical characterization of $KTiOPO_4$ periodically segmented waveguides for second-harmonic generation of blue light 3765
Egert, B. OACIS: odd-shaped assembly and component insertion system 27384
Egert, H.-J. *see* Boguslawski, R. 37717
Eggemeier, F.T. *see* Cooper, B.P. 7677
Egger, A.G., Taylor, G.D. Rate of convergence of the discrete Polya-1 algorithm 18071
Egger, H. Operation management concept of KELAG 39533
Egger, J. *see* French, M. 46990
Egger, J. *see* Guyonnet, J.L. 46904
Egger, J. *see* Muller, U. 46907
Egger, J.-P. *see* Badertscher, A. 7311
Egger, U. *see* Breitenstein, O. 34590
Eggers, A.J., Jr., Ashley, H., Digumarthi, R.V. Considerations of gravity effects on VAWT rotor configurations which minimize flatwise moments and stresses 8253
Eggers, G. *see* Kohl, R. 29361
Eggers, I.J. Conditioning radioactive waste by drying 47685
Eggers, P. *see* Andersen, J.B. 14466
Eggers, P.C.F., Toftgard, J., Oprea, A.M. Antenna systems for base station diversity in urban small and micro cells 5767
Eggert, D., Goldof, D., Bowyer, K.W. Reconstructing CAD models of articulated objects 37044
Eggert, D.W., Bowyer, K.W., Dyer, C.R., Christensen, H.I., Goldgof, D.B. The scale space aspect graph 21950
Eggert, K. *see* Bencze, G.L. 38858
Eggert, M. *see* Eversheim, P.D. 31625
Eggert, M. *see* Paetz gen. Schieck, H. 31626
Eggins, S. *see* Vonwiller, J. 13063
Eggleston, P. Object segmentation techniques for use in laboratory visual automation systems 30028
Eggleston, P. Object segmentation techniques by boundary detection for use in machine vision systems 30145
Eggleton, B., Krug, P.A., Poladian, L. Chirped Bragg grating filters for dispersion compensation and pulse compression 38019
Eggleton, B. *see* Krug, P.A. 36061
Eggleton, M.N., van Geert, E., Kling, W.L., Mazzoni, M., Van der Meijden, M.A.M.M. Some important aspects related to the interaction between transmission and distribution system planning 24873
Eggleton, M.N. *see* King, W.L. 24888
Eghtesad, M. *see* Navabi, Z. 1179
Egidi, C., Soardo, P. The instrumentation for industrial measurements 31094
Eglash, S.J., Choi, H.K. InAsSb/AlAsSb double-heterostructure diode lasers emitting at 4 μm 35769
Eglash, S.J. *see* Choi, H.K. 12223
Eglash, S.J. *see* Choi, H.K. 28861
Eglash, S.J. *see* Choi, H.K. 35882
Eglash, S.J. *see* Le, H.Q. 20859
Egley, J.L. 2-D simulation of interface properties of a polysilicon-contacted BJT: is there a residual potential barrier after the oxide is broken? 42872
Egley, J.L., Chidambarrao, D. Strain effects on device characteristics: implementation in drift-diffusion simulators 11114
Egli, S. *see* Eichenberger, S. 38928
Eglit, J. *see* Davison, D. 31709
Egnell, S. *see* Abrahamsson, K. 15584
Ego, Y. *see* Okui, A. 8946
Ego, Y. *see* Okui, A. 33118
Egorov, A.V. *see* Polyakov, V.V. 18343
Egorov, N.N. *see* Shepelevich, V.V. 3900
Egorov, S.A., Likhachev, I.G., Mamaev, A.N., Polyantsev, A.S. Fiber-optic sensors with a nonlinear frequency modulation of the optical carrier 6529
Egorov, V.G. *see* Pavlenko, V.S. 28734
Egorov, V.M. Three-dimensional neuron-like optical computational structures 28563
Egorov, V.S., Pastor, A.A., Shubin, N.N. Oscillations in the superluminescence of an XeCl excimer laser excited by a pulsed transverse discharge 20656
Egozcue, J.J. *see* Fimia, A. 44152
Egri, R.G., Horrigan, F.A. A finite group of complex integers and its application to differentially coherent detection of QAM signals 44662
Eguchi, F., Morito, M., Shiratori, Y., Matsubara, H. Development of SBC recorder LSI 37637
Eguchi, K., Setoguchi, T., Okamoto, K., Arai, H. An investigation of anode material and anodic reaction for solid oxide fuel cell 17360
Eguchi, K., Yata, S., Yoshida, T. Uniform and large-area deposition of diamond by cyclic thermal plasma chemical vapor deposition 18259
Eguchi, K. *see* Aizawa, M. 17378
Eguchi, K. *see* Morimatsu, E. 30965
Eguchi, K. *see* Nakamura, K. 34108
Eguchi, K. *see* Yamaguchi, R. 17380
Eguchi, M. *see* Wasaki, K. 37246
Eguchi, N., Akiyama, Y. High density optical disk system using variable five modulation and second harmonic generation green laser 20265
Eguchi, N. *see* Edane, M. 16730
Eguchi, N. *see* Katsuki, S. 36126
Eguchi, T. *see* Hong-Bin Zha 13713
Eguchi, Y. *see* Suzuki, K. 16161
Egusa, S., Iwasawa, N. Preparation of piezoelectric paints and application as vibration modal sensors 33760
Ehara, S. *see* Mizusaki, J. 17364
Ehara, T. *see* Uratani, N. 44782
Ehara, Y. *see* Yasaki, T. 25641
Ehbets, P., Herzig, H.P., Prongue, D., Gale, M.T. Continuous surface-relief gratings for two-dimensional array generation 12425
Ehbets, P. *see* Herzig, H.P. 12484
Ehbets, P. *see* Stalder, M. 12485
Ehbets, P. *see* Stalder, M. 21126
Ehlers, E., Nysschen, J.H. Voice classification—using a unique key signature 21677
Ehlers, K. The overall transport design 8916
Ehlers, S.L. *see* Morgan, R.E. 402
Ehlers, S.L. *see* Morgan, R.E. 7541
Ehlert, A. *see* Graf, D. 34700
Ehlert, D.C. *see* Lewellen, T.K. 15738
Ehlert, J.C. *see* Sanders, S. 43835
Ehlert, J.C. *see* Waarts, R.G. 20845
Ehlinger, R. *see* Depee, J.Y. 2609
Ehman, R.L. *see* Butts, K. 31898
Ehman, R.L. *see* Liu, Yu.L. 47044
Ehmann, K.F., Jones, P.C. Master's programs and more [manufacturing education] 109
Ehmcke, B. *see* King, W.L. 24888
Ehnert, A. *see* Sukumar, V. 26687
Ehnis, P. *see* Mounce, B. 43081
Ehrenreich, H. *see* Young, P.M. 6487
Ehret, S. *see* Schneider, H. 38496
Ehrfeld, W. *see* Lehr, H. 15324
Ehrhard, D.G., Easton, R.L., Jr., Schott, J.R., Comeau, M.J. Frequency-domain texture features for classifying SAR images 23086
Ehrhardt, A., As, D.J., Feiste, U. All-optical clock extraction at 18 Gbit/s by a self-pulsating two-section DFB-laser 38131
Ehrhardt, A., Eiselt, M., Grossopf, G., Kuller, L., Ludwig, R., Pieper, W., Schnabel, R., Weber, H.G. Semiconductor laser amplifier as optical switching gate 22306
Ehrhardt, A. *see* Eiselt, M. 3846
Ehrhardt, A. *see* Eiselt, M. 5668
Ehrhardt, A. *see* Feiste, U. 35894
Ehrhardt, A. *see* Pieper, W. 43377
Ehrhardt, D., Benkner, T. Digital TV receiver with a low IF 14770
Ehrhardt, J.J. *see* Silvain, J.F. 33768
Ehrhardt, M. *see* Schnabel, R. 11769
Ehrich, H. *see* Mausbach, M. 814
Ehrlich, C. *see* Reimer, K. 28005
Ehrlich, D.J. *see* Bloomstein, T.M. 42740
Ehrlich, D.J. *see* Udayakumar, K.R. 11409
Ehrlich, I., Kammerath, H., Kirsaedter, K. ProSa—a program system for the investigation of stationary and dynamic operating processes. [in power systems] 32336
Ehrlich, I., Rasulyar, G. Quasi-stationary synchronous machine models for simulation of electromechanical transient processes 32849
Ehrlich, I. *see* Demming, S. 32337
Ehrlich, I. *see* Henschel, M. 32338
Ehrlich, J.E., Neilson, D.T., Walker, A.C. Optically induced electronic nonlinearities and modulation in an InGaAs SQW waveguide at 1.5 μm wavelength 3790
Ehrlich, J.E., Valera, J.D., Adachihara, H., Moloney, J.V., Walker, A.C. Nonlinear refraction and absorption in 4BCMU planar waveguides at 1.064 μm wavelength 3872
Ehrlich, U. *see* Mast, M. 36599
Ehrlichmann, D., Habich, U., Plum, H.-D. High-power CO_2 laser with coaxial waveguide and diffusion cooling 3460
Ehrlichmann, D., Habich, U., Plum, H.-D. Simple annular resonators with toric and helical mirrors 20944
Ehrlichmann, D. *see* Habich, U. 11966
Ehrmann, O. *see* Engelmann, G. 26467
Ehrnsten, K. *see* Bagge, L. 15311
Ehsani, H. *see* Akram, S. 754
Ehsani, M., Husain, I., Bilgic, M.O. Power converters as natural gyrators 33888
Ehsani, M., Husain, I., Mahajan, S., Ramani, K.R. New modulation encoding techniques for indirect rotor position sensing in switched reluctance motors 40134
Ehsani, M. *see* Becerra, R.C. 8310
Ehsani, M. *see* Smit, M.C. 1033
Ehwald, K.-E. *see* Schley, P. 23725
Ei-ichi Kobayashi *see* Kajita, T. 11057
Eib, N. *see* Conley, W. 42816
Eib, N. *see* Lyons, C. 2365
Eib, N.K., Barouch, E., Hollerbach, U., Orszag, S.A. Characterization and simulation of acid catalyzed DUV positive photoresist 11063
Eib, N.K. *see* Muller, K.P. 27901
Eibert, T.F., Hansen, V. Triangular and rectangular elements in the spectral-domain analysis of arbitrarily shaped planar circuits 18983
Eibert, T.F., Hansen, V. Spectral domain analysis of planar circuits with rectangular and triangular elements and its application to the calculation of triangular patch antennas 29312
Eibl, O. *see* Bruchhaus, R. 9692
Eichenberger, S., Beck, H.P., Egli, S., Muller, K., Meyer, C.A., Robmann, P., Straumann, U., Truol, P., Arpagaus, M., Bernet, R., Eichler, R., Grab, C., Riedlberger, J., Wolff, T. A fast pipelined trigger for the H1 experiment based on multiwire proportional chamber signals 38928
Eichenlaub, J.B. Developments in autostereoscopic technology at Dimension Technologies Inc 23821
Eichenlaub, J.B. A unique photonics system design that increases the resolution of an LCD 38617
Eichenlaub, J.B. *see* Touris, T.C. 6708
Eicher, S. *see* Moore, W.T. 42881
Eichfeld, H.P., Kunemund, T.N., Klimke, M.G. An 8 b fuzzy coprocessor for fuzzy control 34107
Eichhammer, K. *see* Dohmen, A. 37416
Eichhholtz, A., Hourfar, D., Kubler, D. The 700 MW bituminous coal-fired unit of VKR at Gelsenkirchen-Hessler 47701
Eichholz, J. *see* Kersjes, R. 7321
Eichhorn, H.U., Mandrup, G. Methods for ascertaining radar interference into high capacity radio relay receivers 12641
Eichhorn, H.U. *see* Clausen, M.B. 45775
Eichhorn, K.F., Finke, J. Thermal shield models and covering factors for single conductor cables 47517
Eichhorn, K.Fr., Lobos, T., Ruczewski, P. Constrained frequency domain algorithms for determination of parameters of fundamental sinewave of signals 7859
Eichinger, A., Matthias, H.-B., Heninger, L. Computer-aided decision system for future strategies in old hydropower plants 40045
Eichler, G.I. *see* Kaminskii, A.A. 28785
Eichler, H.J., Ding, Y., Kerekgyarto, S., Smandek, B. Cleanup of Nd:YAG laser beams by two wave mixing in InP:Fe 3745
Eichler, H.J., Haase, A., Hermann, S., Menzel, R., Schumann, D. Beam quality improvement of pulsed Nd:YAG-lasers using Brillouin phase-conjugation 3748
Eichler, H.J., Haase, A., Menzel, R., Siemoneit, A. Thermal lensing and depolarization in a highly pumped Nd:YAG laser amplifier 3566
Eichler, H.J., Heppke, G., MacDonald, R., Schmid, H. Storage of erasable laser induced holographic gratings in low molar mass cholesteric liquid crystals 20243

Eichler, H.J., Koltchanov, I., Liu, B. Numerical study of active mode locking in pulsed solid-state lasers 12062
Eichler, R. *see* Eichenberger, S. 38928
Eichmann, G. *see* Jankowski, M. 4865
Eichner, L. *see* MacDowell, A.A. 27832
Eichorn, F. *see* Panknin, D. 27505
Eichorst, D.J., Baron, C.J. Effects of platinum electrode structures on crystallinity and electrical properties of MOD-prepared PZT capacitors 28338
Eickelberg, W.K. *see* Stolz, C.J. 3295
Eickhoff, H. *see* Franzke, B. 15382
Eickhoff, H. *see* Hofmann, I. 7048
Eickhoff, H. *see* Schaaf, U. 15359
Eickhoff, H. *see* Steck, M. 7061
Eickhoff, T. *see* Becker, F. 28092
Eickhoff, T. *see* Ulrichs, C. 33068
Eickmann, J. *see* Ruffner, J.A. 18168
Eide, A. *see* Denby, B. 7272
Eide, A. *see* Hornblad, P. 7233
Eidenschink, R. *see* Kreuzer, M. 20244
Eidenzon, A.M. *see* Puzanov, N.I. 41246
Eidinov, M.A. *see* Smirnov, N.I. 14380
Eidner, K. *see* Schmiedel, H. 6689
Eigen, G., Hitlin, D.G., Oyang, J.Y. Studies of silica aerogel as a low-mass particle identification system for the SLAC *B* Factory detector 7170
Eigenmann, B. *see* Bing, K. 26521
Eiguren, J., Dumer, I.I., Farrell, P.G. A soft decision decoding algorithm for cyclic block codes 4414
Eiho, S. *see* Sasakawa, K. 22153
Eijk, A.M.J.van *see* van Eijk, A.M.J.
Eijk, C.W.E.van *see* van Eijk, C.W.E.
Eijkemans, T.J. *see* Pereira, R. 10904
Eijkemans, T.J. *see* van Es, C.M. 19382
Eikelberger, R., Hurley, J. SMT LEDs fill the bill for right-angle viewing 42290
Eikelmann, E. *see* Pfeifer, T. 46461
Eikema, K.S.E. *see* Ubachs, W. 15705
Eikyu, K. *see* Matsubara, G. 28888
Eilenberger, G. *see* Wumstel, K. 30577
Eilers, H., Dennis, W.M., Yen, W.M., Kuck, S., Peterman, K., Huber, G., Jia, W. Performance of a Cr:YAG laser 28777
Eilers, H. *see* Hommerich, U. 35304
Eiles, T.M., Devoret, M.H., Martinis, J.M. Coulomb blockade of Andreev reflection in the NSN single-electron transistor 43366
Eiling, A., Schmitt, W. A comprehensive picture of magnetic recording: theory and experiment. I Fundamentals and digital recording 35238
Eiling, A., Schmitt, W. A comprehensive picture of magnetic recording: theory and experiment. II. Analog recording (audio and video) 35239
Eilts, M.D. *see* Hermes, L.G. 39379
Eimerl, D. *see* Lawson, J.K. 35948
Ein-Eli, Y. *see* Aurbach, D. 48081
Eineweihl, A.F. *see* Schweitzer, E.O., III 32471
Einfeld, D., Hormes, J., Husmann, D., Anton, F. The low emittance 2.5 GeV synchrotron light source LISA 15326
Einfeld, D., Plesko, M. A modified QBA optics for low emittance storage rings 6979
Einfeld, D. *see* Bley, P. 15325
Einfeld, D. *see* Walker, R.P. 15531
Einfeld, S. Australia - the Circuit Layouts Act 1989. Importing the genuine article—recent developments in computer software and circuit layouts 9182
Eipers-Smith, K. *see* Ming Lu 41400
Eiranova, A., Mann, S.J. CASS common ID set cuts TPS costs, eliminates ID redundancy 23436
Eisaka, T. *see* Yanagita, Y. 25913
Eisele, E.F. Chebyshev approximation of plane curves by splines 41139
Eisele, H., Kamoua, R., Haddad, G.T., Kidner, C. Active two-terminal devices as local oscillators for low-noise receiver systems at submillimeter wave frequencies 10463
Eisele, H. *see* Kaiser, D. 28671
Eisele, H. *see* Kuebart, W. 35624
Eisele, H.P. More hydro power for use by man and the environment. Hydroelectric power stations of EVS 32769
Eisele, I. *see* Ramm, J. 19545
Eisele, I. *see* Ramm, J. 34704
Eisele, I. *see* Schulze, D. 34885
Eisele, K., Muggli, F., Wiss, D., Zhengji Zhang, Schachenmann, A. Pump development with laser and computer 31520
Eiselt, M., Ehrhardt, A., Grosskopf, G., Ludwig, R., Pieper, W., Schnabel, R., Weber, H.G. Photonic packet switching experiments in a 2×2 switching node incorporating a fiber loop buffer 5668
Eiselt, M., Ehrhardt, A., Weber, H.G. Optical loop mirror with semiconductor laser amplifier: application as optical correlator 3846
Eiselt, M., Pieper, W. Multi-functional elements for optical signal processing 29795
Eiselt, M., Pieper, W., Weber, H.G. Semiconductor laser amplifier in loop mirror configurations for signal-processing 28875
Eiselt, M. *see* Ehrhardt, A. 22306
Eiselt, M. *see* Pieper, W. 43377
Eiselt, M. *see* Schnabel, R. 11769
Eisen, F. *see* Lie, D.Y.C. 2080
Eisen, N. *see* Fox, J.D. 6966
Eisen, N. *see* Oxoby, G. 6999
Eisen, Y. *see* McGregor, D.S. 47017
Eisenbach, A., Kuphal, E., Miethe, K., Hartnagel, H.L. Sn-doped InGaAs layers grown by low-pressure metalorganic vapour phase epitaxy 26434
Eisenberg, J. *see* Davison, D. 31709
Eisenberg, J.H., Shive, S.F., Stevie, F., Higashi, G.S., Boone, T., Hanson, K., Sapjeta, J.B., Dibello, G.N., Fulford, K.L. Effect of hot water exposure on bare silicon surfaces in MOS processing 34754
Eisenberg, M. Recent advances in the stabilized nickel-zinc battery systems 17230
Eisenbraun, E. *see* Faltermeier, J. 831
Eisenbraun, E. *see* Nucci, J. 33720
Eisenbraun, E.T. *see* Ding, P.J. 34841
Eisenhammer, T., Lazarov, M., Leutbecher, M., Schoffel, U., Sizmann, R. Optimization of interference filters with genetic algorithms applied to silver-based heat mirrors 20500
Eisenhandler, E., Gee, N., Gillman, A., Perera, V., Quinton, S., Ellis, N., Fensome, I., Garvey, J., Jovanovic, P., Staley, R., Watson, A. First level calorimeter trigger system for the Large Hadron Collider 15665
Eisenhandler, E. *see* Ahmed, T. 38929
Eisenhandler, E. *see* Ellis, N. 38927
Eisenhauer, G. *see* Huvel, B. 47714
Eisenhauer, N. *see* Cavin, M. 20116
Eisenhuth, J. *see* Crosbie, J. 7327
Eisenmann, H., Waas, T., Hartmann, H. PROXECCO—proximity effect correction by convolution 27949
Eisenmann, H. *see* Waas, T. 28010
Eisenmann, N.R., Beith, D.M., Shawver, D.W. Lessons/experience learned from the Boston Edison Company control room enhancement project 39759
Eisenmenger, W. *see* Dehlen, B. 35104
Eisenmenger, W. *see* Eberle, G. 35105
Eisenmenger, W. *see* Gerhard-Multhaupt, R. 35122
Eisenmenger, W. *see* Selle, M. 35148
Eisenstadt, R. A generic library test suite 9889
Eisenstadt, R. A generic library test suite 28240
Eisenstadt, W.R. *see* Eo, Y. 19974
Eisenstadt, W.R. *see* Staehle, S.S. 18282
Eisenstein, G. *see* Abraham, D. 3479
Eisenstein, G. *see* Abraham, D. 12133
Eisenstein, G. *see* Mark, J. 43898
Eismann, M.T. *see* Tai, A.M. 29029
Eison, D.L. *see* Bhavnani, S.H. 323
Eisses, S.M. *see* Schleijpen, H.M.A. 32083
Eitan, B. *see* Hoang, L. 18712
Eitel, K., Gemmeke, H., Maschuw, R., Rapp, J., Wolf, J. Wavelength dependent light attenuation in organic scintillators 31763
Eitz, A.W., Recker, M., Bauer, F. Research projects in power plant technology in the new German Federal States—direction finding 39703
Eitz, G., Moll, G. Widescreen TV teletext system has compatibility with the present 4:3 IV image format 5438
Eitzmann, M.A. *see* Pratico, E.R. 47612
Eitzmann, M.A. *see* Rostamkolai, N. 24900
Eitzmann, M.A. *see* Tatro, P.J. 14369
Eizawa, T. *see* Koshikawa, S. 4054
Eizenberg, G. *see* Deswarte, Y. *(editor)* 17663
Eizenberg, M. *see* Atzmon, Z. 19540
Eizenberg, M. *see* Koltin, E. 1938
Eizenberg, M. *see* Tamir, S. 33691
Ejim, T.I. *see* Munie, G.C. 34437
Ejiogu, E.C., Tanno, Y. Transient and saturation modelling of the capacitor-excitation and magnetic braking of the induction motor 16863
Ejiri, H. *see* Choi, E. 7148
Ejiri, K., Inaba, H., Mitsuhashi, T., Kitahara, Y., Abe, N. Electromagnetic characteristics of metal particulate media with a thin magnetic layer 35232
Ek, A., Ellsberger, J., Wiles, A. Experiences with computer aided test suite generation 30232
Ekanayake, J.B. *see* Cooper, C.B. 39569
Ekberg, M. *see* Larsson, M. 44148
Ekberg, M. *see* Nikolajeff, F. 12459
Ekdahl, C. *see* Humphries, S., Jr. 46774
Ekdunge, P. A simplified model of the lead/acid battery 17220
Ekelof, T. *see* Adam, W. 7259
Ekelof, T. *see* Adam, W. 31715
Ekelof, T. *see* Adam, W. 46929
Ekenberg, U. *see* Hayden, R.K. 34578
Ekenstedt, M.J., Andersson, T.G., Wang, S.M. Temperature-dependent relaxation and growth phenomena in strained $In_xGa_{1-x}As$ layers grown on GaAs 668
Ekenstierna, B., Nyman, A. Baltic HVDC interconnection 47491
Ekerdt, J.G. *see* Heitzinger, J.M. 26462
Ekere, N.N. *see* Geren, N. 42313
Ekere, N.N. *see* Mannan, S.H. 1738
Ekern, R.J. *see* Larsen, D.M. 17162
Ekern, R.J. *see* Oxley, J.E. 17161
Ekern, R.J. *see* Pagoria, D.D. 17159
Ekeroth, D.E. *see* Radcliff, T.D. 47671
Ekhad, S.B. A short, elementary, and easy, WZ proof of the Askey-Gasper inequality that was used by de Branges in his proof of the Bieberbach conjecture 517
Eki, Y. *see* Matsumoto, H. 32634
Eklund, S., Thilander, A., Leitz, W., Mattsson, S. The impact of anatomic variations on absorbed radiation doses in mammography 15790
Eklundh, J.-O. *see* Pahlavan, K. 30039
Eknoyan, O. *see* Suzuki, T. 28482
Eknoyan, O. *see* Suzuki, T. 43473
Ekrekli, A. *see* Brookfield, D.J. 8837
Ekroot, L., Cover, T.M. The entropy of Markov trajectories 21480
Ekroot, L. *see* Drucker, E.H. 37736
Ekstrand, J., Guggenheimer, S.C. Active reduction of frequency jitter in single-frequency ion lasers 3715
Ekstrom, A. Application of high power electronics in electrical power transmission systems 7916
Ekstrom, C. *see* Bergmark, T. 31594
Ekstrom, H., Karasik, B., Weikle, R., II, Yngvesson, K.S., Goltsman, G., Kollberg, E., Gershenzon, E. Mixers using superconducting Nb films in the resistive state 27237
Ekstrom, H. *see* Acharya, P.R. 36398
Ekstrom, J.L. Double integral transforms for soft limiter modeling 10031
Ekstrom, J.L. The correlation function of tanh limited noise 21744
Ekwue, A.O. *see* Esp, D.G. 16254
El Abbadi, A. *see* Abdel-Ghaffar, K.A.S. 36566
El Akkad, F. *see* Mansour, B.A. 28601
El Assali, K. *see* Chahboun, N. 41424
El Chazly, N.M. Static and dynamic analysis of wind turbine blades using the finite element method 16733
El Din, A.M.Shams *see* Shams El Din, A.M.
El Din, A.S.Zein *see* Zein El Din, A.S.
El Gamal, A. *see* Hwang, J. 26611
El Guerjouma, R., Mouchtachi, A., Jayet, Y., Baboux, J.C. Nondestructive evaluation of graphite by ultrasonic velocity measurement using cross-correlation and Hilbert transform methods 9847
El Guerjouma, R. *see* Perrissin-Fabert, I. 9849
El Habti, A., Bastien, F. Low temperature limitation on the quality factor of quartz resonators 20062
El Hagry, M.T. *see* Eskander, M.N. 16732
El Hagry, M.T. *see* Eskander, M.N. 40230
El Hassani, A.J.Rusi *see* Rusi El Hassani, A.J.
El Jai, A., Simon, M.C., Zerrik, E. Regional observability and sensor structures 14987
El Kateb, M.M. *see* Fielding, G. 25987
El Khakani, M.A., Chaker, M. Physical properties of the X-ray membrane materials 27981
El Mashade, M.B. M-sweeps detection analysis of cell-averaging CFAR processors in multiple-target situations 46059
El Nokali, M. *see* Dong, X. 19901
El Nokali, M. *see* Yaxi Zhang 11115
El Rahamany, A. *see* Membrey, F. 38906
El Rayess, D.M., Ghoniemy, S., Bahgat, S.F. Digital image coding using Legendre transform 29781
El Sheikh, A.N.A. *see* Parker, E.A. 4316
El Wahed, A.K., Johnson, M.W., Sproston, J.L. Numerical study of vortex shedding from different shaped bluff bodies 6851
el Zahni, A.H. *see* Papadopoulos, C.V. 5356
El Zarki, M. *see* Gupta, S. 22316
El Zarki, M. *see* Pancha, P. 5149
El Zein, G. *see* Nouvel, F. 5727
El Zein, G. *see* Tessereau, S. 30597
El-Amawy, A., Naraghi-Pour, M., Hegde, M. Noise modeling effects in redundant synchronizers 26786
El-Amin, Al-Ghamdi An expert system for transmission line route selection 7894
El-Attar, M.M.K., Chalmers, B.J., Baines, G.D. Dynamic model of interior-type permanent-magnet synchronous motor including q-axis saturation 40146
El-Aziz, D.A. Experimental investigation of radar interference 14684
El-Aziz, D.A. Comprehensive performance analysis of radars using different types of sweep modulation 14685
El-Bakry, M., Arafa, S., Shehata, S.A.M., Khalil, H.S. A novel digital control circuit for three phase variable speed PWM drives 40562
El-Bakry, M. *see* Shehata, S.A. 33901
El-Banhawy, M.H. *see* Al-Baya, A.H. 47434
El-Banna, A.-Z. H., Youness, E.A. On stability of stochastic multiobjective programming problems with random coefficients in the objective functions 540
El-Banna, A.-Z.H. A study on parametric multiobjective programming problems without differentiability 544
El-Daou, M.K., Ortiz, E.L. A recursive formulation of collocation in terms of canonical polynomials 41128
El-Fouly, M.H. *see* Soliman, F.A.S. 19062
El-Gayed, N. *see* Fahmy, M.F. 42076
El-Geneidy, M.M. *see* Abdelaziz, A.R. 24594
El-Genk, M.S., Xue, H., Paramonov, D. Transient analysis and startup simulation of a thermionic space nuclear reactor system 32046

El-Ghazaly, H.A., Al-Hajry, M.A. Probabilistic finite element analysis of railway tracks under multiple loads 33570
El-Ghazaly, S.M. *see* Hakim, M.S. 1572
El-Gizawy, A.S. *see* Abu-Hamdan, M.G. 14899
El-Hajj, A., Kabalan, K.Y., Harrington, R.F. Characteristic mode analysis of electromagnetic coupling through multiple slots in a conducting plane 21305
El-Hakim, S.F. Application and performance evaluation of a vision-based automated measurement system 23887
El-Hakim, S.F., Pizzi, N.J. Multicamera vision-based approach to flexible feature measurement for inspection and reverse engineering 9324
El-Halabi Gazi *see* Lopukhina, E.M. 40664
El-hami, M., Finkelstein, L., Grattan, K.T.V., Palmer, A.W. Expert system application using optical-fibre sensor classification data 15064
El-Hang Lee *see* Byueng-Su Yoo 19339
El-Hang Lee *see* Chong Hoon Kwak 35973
El-Hang Lee *see* Seong-Ju Park 717
El-Hang Lee *see* Seong-Ju Park 9578
El-Hang Lee *see* Young-Wan Choi 43531
El-Hawary, F., Mbamalu, G.A.N. Refined autoregressive moving average modeling of underwater heave process 4670
El-Hawary, F. *see* Talaq, J.H. 32284
El-Hawary, M.E. *see* Talaq, J.H. 32284
El-Hdiy, A. Study of the interface-state formation at different temperatures 19479
El-Hdiy, A. Positive charge and interface state generation in a thin gate oxide (30 nm) metal-oxide-semiconductor capacitor 42582
El-Hennawy, A., Al-Harbi, T.S. Modelling and characterization of TG-MOSFET for precision VLSI applications 11194
El-Hilo, M. *see* Patel, V. 11498
El-Jaroudi, A. *see* Akgul, T. 4600
El-Jaroudi, A. *see* Ghiselli-Crippa, T. 21673
El-Jaroudi, A. *see* Kayhan, S.A. 13317
El-Jaroudi, A. *see* Totarong, P. 21743
El-Jaroudi, A. *see* Totarong, P. 44883
El-Kareh, B. Ultra-shallow-doped film requirements for future technologies 42908
El-Kashef, H. Theoretical studies of the optimum design considerations in ring dye laser 43745
El-Keib, A.A. *see* Ma, H. 47446
El-Kholi, A., Mohr, J., Stransky, R. Ultrasonic supported development of irradiated micro-structures 28027
El-Kholi, A. *see* Pantenburg, F.J. 28028
El-Khouly, F.M., Sharaf, A.M., Abdel-Ghaffar, A.S., Mohammed, A.A. An adaptive neural network speed controller for permanent magnet DC motor drives 48165
El-Khouly, F.M. *see* Abdel-Ghaffar, A.S. 8437
El-Kilani, S. *see* Solomon, D. 17875
El-Kinawy, E.E.K. *see* Abdallah, E.A.F. 10422
El-Mahdy, A. *see* Abo Zaid, A. 13648
El-Mahy, M., White, B.A. Parallel implementation of target tracking Kalman filters onto full-linking transputer networks 47323
El-Marsafawy, M. A diakoptical technique for short circuit studies of large size power system networks 24592
El-Masry, E.I., Maundy, B.J., Abu-Allam, E. Weight storage elements for analog implementation of artificial neural networks 18923
El-Masry, E.I. *see* Vallec, R.E. 41695
El-Masry, N. *see* Look, D.C. 1839
El-Naggar, K. *see* Al-Kandari, A. 24669
El-Nesr, S., Kanhai, R.E., Richards, W.R. Pickering A ion chamber additional support 16555
El-Rabaie, S., Seeger, J.A. An automatic way for linear and nonlinear circuit partitioning applicable to FET devices 10471
El-Roy, A. *see* Katz, A. 9547
El-Roy, A. *see* Katz, A. 42788
El-Said, K.M. *see* Mokaddis, G.S. 450
El-Said, M. *see* Abdallah, E.A.F. 10422
El-Salam, F.Abd *see* Abd El-Salam, F.
El-Sattar, A.A., Wahsh, S., Edwar, I. GTO chopper for DC motors 40503
El-Sattar, A.A. *see* Zaki, A.M. 8449
El-Sayes, M.A., Osman, M.G., Kaddah, S.S. Assessment of the economic penetration levels of photovoltaic panels, wind turbine generators and storage batteries 8766
El-Sayes, M.A., Osman, M.G., Sidky, S. Effect of the wind turbine generators included in the power systems on the supply reliability 7900
El-Serafi, A.M., Faried, S.O. Damping of turbine-generator shaft torsional torques during high-speed reclosure by controlling the sequential fault interruption 40114
El-Serafi, A.M., Wu, J. Determination of the parameters representing the cross-magnetizing effect in saturated synchronous machines 25398
El-Serafi, A.M. *see* Yonah, Z.O. 32847
El-Shabasy, M. *see* Riad, A.S. 1942
El-Shafii, M.H. *see* Soliman, H.F. 48164
El-Shakhat, M.M.M. *see* Rokotayan, I.S. 24813
El-Shanawany, M.M. *see* Green, T.C. 40520
El-Sharaway, E.-B. Double ridged waveguide phase shifters for broadband applications 1432
El-Sharawy, E. Double ridged waveguide phase shifters for broadband applications 42175
El-Sharkawi, M.A., Atteri, R. Static security assessment of power system using Kohonen neural network 16125
El-Sharkawi, M.A., Huang, S.S. Application of query-based learning to power system static security assessment 16179
El-Sharkawi, M.A., Marks, R.J., II, Oh, S., Brace, C.M. Data partitioning for training a layered perceptron to forecast electric load 16261
El-Shennawy, K.M. Closed form solutions for step input voltage of uniformly distributed inductively loaded RC thin film structure 10590
El-Sherif, A.Y. *see* Rizk, M.R.M. 11258
El-Sherif, M.Z. *see* Ahmed, F.I. 40176
El-Shobokshy, M.S., Fahmy, M.H. Degradation of photovoltaic cell performance due to dust deposition on to its surface 17396
El-Shobokshy, M.S., Hussein, F.M. Effect of dust with different physical properties on the performance of photovoltaic cells 17393
El-Sibaie, M. Recent advancements in buff and draft testing techniques 46643
El-Tobshy, A. *see* Mahfouz, A. 8431
El-Wahabb, E.Abd *see* Abd El-Wahabb, E.
El-Zein, A., Chowdhury, S. An analytical method for finding the maximum crosstalk in lossless-coupled transmission lines 29231
El-Ziq, Y. *see* Her, W.-C. 248
Elagin, V.N. *see* Alcksandrov, V.V. 40289
Elagoz, A. Legal and administrative measures for energy savings in non-industrial buildings in the member states of the EC 33087
Elahi, H., Bennett, M., Thio, C., Burtnyk, V., Christofersen, J. HVDC reliability, maintenance, and diagnostics survey 47483
Elahi, H. *see* Rostamkolai, N. 24900
Elangovan, S. *see* Chang, C.S. 32242
Elangovan, S. *see* Hartvigsen, J. 17317
Elangovan, S. *see* Milliken, C. 17343
Elazar, J.M. *see* Gvozdic, D.M. 1971
Elbaile, L. *see* Tejedor, M. 6744
Elbakidze, A.V. *see* Belyayev, A.A. 47226
Elbaum, M., Syrkin, M. Resolution-limited statistical image classification 29767
Elbel, T. *see* Lenggenhager, R. 6489
Elbuluk, M.E. *see* Mir, S.A. 40194
Elch-Heb, T., Hautier, J.P. Remedial strategy for inverter-induction machine system faults using two-phase operation 8857
Elcheik, M.K., Naamane, A., Tholomier, M. Voltage and current control for an IGBT 28136
Elcheikh, R.-E. Thermal response of a dielectric resonator oscillator 28347
Elco, R.A., Gates, D.C. Connector modelling 19189
Eldem, V. *see* Duyar, A. 32049
Elder, J. Integrating fixed and mobile voice and data services 37256
Elder, L. *see* Abreu, A. 32705
Elder, R.R. *see* Floyd, M.R. 8083
Elder, R.R. *see* Floyd, M.R. 8085
Eldering, C.A. Theoretical determination of sensitivity penalty for burst mode: fiber optic receivers 45955
Eldin, H.A.Nour *see* Nour Eldin, H.A.
Eldin, H.Nour *see* Nour Eldin, H.
Eldin Ali, E.A. *see* Ahmed, F.I. 40227
Eldridge, J. Filing in a flash 10148
Eldring, J., Zakel, E., Reichl, H. Flip chip attach of silicon and GaAs fine pitch devices as well as inner lead TAB attach using ball bump technology 1765
Eleazu, C.O., Diesta, R.F., Linnartz, J.-P.M.G. Base station to vehicle communication for intelligent vehicle/highway systems (IVHS) 14496
Eleftheriades, G.V., Rebeiz, G.M. Self and mutual admittance of slot antennas on a dielectric half-space 4304
Eleftheriades, G.V., Rebeiz, G.M. Design and analysis of quasi-integrated horn antennas for millimeter and submillimeter-wave applications 21394
Eleftheriou, E. *see* Cideciyan, R.D. 45832
Elegy, D.C. *see* Braby, L.A. 47144
Elena, M. *see* Laidani, N. 10810
Elender, J. History of the induction motor 25432
Elenkrig, B.B. *see* Tager, A.A. 43846
Elewa, M.T. *see* Haddara, H. 2536
Elfadel, I.M. Global dynamics of winner-take-all networks 29861
Elfadel, I.M., Picard, R.W. Gibbs random fields, cooccurrences, and texture modeling 36986
Elford, R.F., Deed, B.J., Richter, K.L., Kato, K., Nagasaka, H., Matsumoto, J. Development and introduction of aerial insulated unscreened conductor (IUC) in South Australia 24987
Elgamel, H.E., Ghannam, M.Y., Murti, M.R., Nijs, J., Mertens, R. 15.9% efficiency solar cells on electromagnetic cold crucible cast multicrystalline silicon 17381
Elgar, S., Chandran, V. Higher order spectral analysis of Chua's circuit 26640
Elgar, S. *see* Chandran, V. 36772
Elgered, G. *see* Davis, J.L. 21248
Elgin, J.N. Stochastic perturbations of optical solitons 2974
Elgin, J.N., Sharma, A. Sideband induced chaotic electron dynamics in the free electron laser 3688
Elgoibar, J.M.M. *see* Bernaldo de Quiros, J.G. 8543
Elhagry, M.T., Saleh, M.B., Elshater, T.F. Photovoltaic tracking inverter 16724
Elhakeem, A.K. *see* Rahman, M.A. 37961
Elhay, S., Kautsky, J. Jacobi matrices for measures modified by a rational factor 41152
Elhilali, M. *see* Wei, M. 47126
Elia, C. *see* Colzi, E. 37085
Elia, M., Taricco, G. On a class of reversible binary cyclic codes and their algebraic decoding 36562
Elia, M. *see* Losquadro, G. 22919
Elia, V. *see* Cataldi, G. 31666
Elias, J. *see* Abbott, B. 7245
Elias, J.A., Wisoff, P.J., Wilson, W.L., Jr. Photodissociation dynamics of DMZn at 193 nm: implications for the growth of ZnSe films by laser-assisted metalorganic chemical vapor deposition 41441
Elias, J.E. *see* Abbott, B. 31776
Elias, J.S. Amorphous magnetic materials. I. Basic properties 2796
Elias, J.S. Amorphous magnetic materials. II. High-frequency mag-amp output regulator 18461
Elias, J.S. Amorphous magnetic materials. III. High frequency mag-amp output regulator reset and control circuit designs 18462
Elias, L.R. A tutorial on free-electron lasers 12260
Elias, L.R. *see* Kimel, I. 43987
Elias, S.S., Labib, S.W. Reliability evaluation of three different complex systems by network decomposition technique 39690
Elias, W.E. *see* Wong, B. 33354
Elias Fuste, A. *see* de Porrata-Doria i Yague, R. 46070
Elias-Fuste, A., De Porrata-Doria, R., Broquetas, A., Aguasca, A., Muniain, J.F. 'BRENDA' bistatic radar equipment & data acquisition (a Barcelona bistatic radar experiment) 32052
Eliashevich, I. *see* Diaz, J. 43923
Elice, E., Gallandt, C., Ghislanzoni, F., LoVerde, V. High power static converters and automation system for functional qualification test stand of electronic railway vehicles 8925
Elick, R. *see* Clerici, T.A. 27371
Eliel, E.R., van der Ham, E.W.M., Vrehen, Q.H.F., Barmentlo, M., 't Hooft, G.W., van der Meer, A.F.G., van Amersfoort, P.W. Nonlinear optics with a free-electron laser 44081
Elin, A.P. *see* Assev, A.A. 15570
Elineau, G., Unterbusch, K. New trends in satellite news gathering 14789
Elinson, M.I. *see* Balkarei, Yu.I. 28430
Elinson, M.I. *see* Balkarey, Yu.I. 2945
Elior, A., Lebiush, E., Schall, W.O., Rosenwaks, S. A small scale, supersonic chemical oxygen—iodine laser 43744
Elior, A. *see* Barmashenko, B.D. 12006
Eliseenko, V.I. *see* Skolbelkin, O.K. 47118
Eliseev, K.G. *see* Astvatsatur'yan, E.R. 2619
Eliseev, P.G., Karga, P.V. Analysis of electron confinement by a periodic semiconductor structure 20818
Eliseev, V.V. *see* Bogodaev, N.V. 12360
Elisei, G. *see* Brusasca, G. 16625
Elisei, G. *see* Marzorati, A. 15990
Elisei, R. *see* Primiani, V.M. 26701
Eliseyeva, N.P. *see* Gorobets, N.N. 12724
Elisii, C. *see* Gfeller, F.R. 45977
Elixmann, M., Maas, H., Schreyer, O., Stahl, M. Product innovation with state charts 33316
Elizarov, A.A. *see* Pchel'nikov, Yu.N. 18545
Elizarov, L.I., Chesnokov, V.M. Study of modernized H^- ion hollow cesium cathode source characteristics 38829
Elizarov, L.I. *see* Baksht, F.G. 38823
Elizarov, V.A. *see* Bashirov, R.I. 33903
Eljrushi, G.S., Zubia, J.N. Solar hydrogen: the Great Sahara project 32539
Elkadi, H., Maricot, S., Hamelin, R., Harari, J., Vilcot, J.P., Decoster, D. A large signal equivalent circuit model for multielectrode laser and microwave semiconductor lasers for CAD applications 3603
Elkaim, P. *see* Cuniot, M. 41417
Elkari, A. *see* Roturier, J. 9011
Elkarmi, F., Mustafa, I. Increasing the utilization of solar energy technologies (SET) in Jordan. Analytic hierarchy process 8237
Elketroussi, M., Fan, D.P. Optimization of simulation models with GADELO: a multi-population genetic algorithm 33493
Elkfafi, M. *see* Raslan, N.A. 10279
Elkin, G. Chopper circuit switching device simulation using device characteristics 48236
Elkin, N.N., Napartovich, A.P. Stability of single-mode lasing in a plane-plane resonator with an active medium 44024
Elkin, N.N., Napartovich, A.P., Troshchieva, V.N. Diffraction model of a laser controlled by injection of an external signal 44025
Elkins, D.I., Jain, A.C., McDermott, T.E., Rees, V. Transients during 138-kV SF6 breaker switching of low inductive currents 9043
Elko, G.W., West, J.E., Kubli, R.A., McAteer, J.P. Image-derived second-order differential microphones 47306

Elko, P.E. *see* Reddy, B.R.S. 15861
Elkonin, B. *see* Facco, A. 15503
Elkouh, A.F. *see* Heinrich, S.M. 26188
Elktabe, M.M., Dias, M.F. An adaptive load shedding technique for industrial plants utilising local information 9018
Elleaume, P. A new approach to the electron beam dynamics in undulators and wigglers 7029
Elleaume, P. *see* Chavanne, J. 7108
Elleby, A. *see* Elleby, P. 10803
Elleby, P., Elleby, A., Pickerill, J., Richards, H.D., Wingfield, J., Dawkins, D., Montgomery, A. Integrated scheduling system (ISS). Project IED4/1/2169 10803
Ellen, R., Delisio, P. Operation experience on Broken Hill frequency converter 47477
Ellenberger, U., Glinz, A., Balmer, J.E. A comparative study of the gain characteristics of image intensifiers 31294
Ellert, C. *see* Grieser, M. 6900
Ellery, E.H. *see* Reis, L.B. 47484
Elliman, R.G., Wong, W.C. Strain relaxation during epitaxial crystallisation of Ge_xSi_{1-x} alloy layers produced by ion-implantation 41249
Elliman, R.G. *see* Hobson, W.S. 20915
Elliman, R.G. *see* Pearton, S.J. 2095
Elliman, R.G. *see* Pearton, S.J. 19520
Elliman, R.G. *see* Sreenivas, K. 19673
Ellingboe, S.L., Ridgway, M.C. Reduction of secondary defects in high energy O-implanted Si by high energy Si irradiation 10863
Ellingson, R.J. *see* Pelouch, W.S. 20687
Ellingson, R.J. *see* Powers, P.E. 20977
Ellingson, R.J. *see* Tang, C.L. 44045
Ellingsrud, S., Lokberg, O.J. Full field amplitude and phase measurement of loudspeakers by using TV-holography and digital image processing 14847
Elliot, G. *see* Hunter, R. *(editor)* 40808
Elliot, J. *see* Frateschi, N.C. 20846
Elliot, P. *see* Kohlberg, I. 44442
Elliott, A. *see* Jackson, G.P. 6960
Elliott, D.J. Contamination control using a nitrogen-purged microenvironment 11281
Elliott, D.J. *see* Johnson, D.W. 11085
Elliott, E. *see* Dooher, B.P. 40280
Elliott, J. *see* Pan, N. 9549
Elliott, J.A. *see* Forsyth, M.E. 4553
Elliott, J.A. *see* Forsyth, M.E. 29517
Elliott, J.K. *see* Gelpey, J.C. *(editor)* 43
Elliott, L.J. *see* Busuttil-Reynaud, G. 22927
Elliott, R.S. *see* Ares, F. 29363
Elliott, R.S. *see* Ares, F. 36427
Elliott, S.J., Nelson, P.A. Active noise control 4761
Elliott, S.R. *see* Zhou, J.-H. 27498
Elliott, T. *see* Badger, D. 14771
Elliott, T.C. Upgrade instrumentation, controls to boost powerplant performance 25085
Elliott, T.C. Use of power plant simulators goes beyond training 47443
Elliott, W.H. *see* Bergmann, K. 32976
Elliott Familant, M. *see* Chin, J.P. 5416
Ellis, A.D., Spirit, D.M. Compact 40Gbit/s optical demultiplexer using a GaInAsP optical amplifier 12235
Ellis, A.D., Spirit, D.M. Unrepeatered transmission over 80km standard fibre at 40Gbit/s 30727
Ellis, A.D. *see* Patrick, D.M. 37656
Ellis, A.D. *see* Patrick, D.M. 38031
Ellis, A.D. *see* Shan, X. 3525
Ellis, C. *see* Ramesham, R. 862
Ellis, D., Hjartarson, J., Totti, G. A flexible and powerful platform for multiservice delivery 14322
Ellis, D. *see* Myung Hwan Yun 14974
Ellis, D.D. Shallow water reverberation: normal-mode model predictions compared with bistatic towed-array measurements 47281
Ellis, D.S., O'Brien, W.D., Jr. Evaluation of the soft tissue thermal index and the maximum temperature increase for homogeneous and layered tissues 15714
Ellis, G.P. Disk recording for real time post production applications 31060
Ellis, G.R., Mukund, P.R. Transmission line models of multi-chip module interconnects 17908
Ellis, H.L., Gouda, S., Trowbridge, S. The project management system for improving Detroit Edison's distribution system reliability 39580
Ellis, K.P. *see* Ammons, J.C. 1728
Ellis, L. *see* Brown, R. 45423
Ellis, N. Level-1 and level-2 Triggering at LHC 24102
Ellis, N. Level-1 and level-2 triggering at LHC 38771
Ellis, N., Fensome, I., Garvey, J., Jovanovic, P., Staley, R., Watson, A., Eisenhandler, E., Gee, C.N.P., Gillman, A., Hatley, R., Perera, V., Quinton, S. A calorimeter-based level-one electromagnetic cluster trigger for LHC 38927
Ellis, N. *see* Ahmed, T. 38929
Ellis, N. *see* Eisenhandler, E. 15665
Ellis, R.D., Goldberg, J.H. Introductory human factors engineering courses: what is currently taught 9158
Ellis, S.R. *see* Dorighi, N.S. 39202
Ellis, T.J. *see* Clarke, T.A. 46305
Ellis, W.H., Ferrari, A.M., Choi, W.Y., He, Q. Pulsed ionization chamber methodology applied to reactor power measurement revisited 25154
Ellisman, M.H. *see* Fan, G.Y. 46492
Ellison, J. Silicon microstrip wedge detectors for the DØ silicon tracker 46841
Ellison, J. *see* Ziock, H.-J. 46885
Ellison, J.A., Shih, H.-J., Kummer, M. Theoretical study of longitudinal beam splitting and related phenomena 46797
Ellison, J.A. *see* Shih, H.-J. 46767
Ellison, J.A. *see* Ziock, H.J. 7184
Ellison, L.T. *see* Gough, J.J. 47074
Ellison, M., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Collins, J., Curtis, S., Derenchuk, V., East, G., Ellison, T., Friesel, D., Hamilton, B., Huang, H., Jones, W.P., Lamble, W., Lee, S.Y., Li, D., Nagaitsev, S., Pei, X., Rondeau, G., Sloan, T., Chao, A.W., Dutt, S., Syphers, M., Yan, Y., Minty, M.G., Tepikian, S., Ng, K.Y., Gabella, W. Betatron coupling correction at the IUCF cooler, leading to improved determination of fourth-order resonance Hamiltonian 38779
Ellison, M. *see* Caussyn, D.D. 7026
Ellison, M. *see* Caussyn, D.D. 38778
Ellison, M. *see* Huang, H. 23976
Ellison, M. *see* Lee, S.Y. 7040
Ellison, M. *see* Li, D. 6973
Ellison, M.J. *see* Anderson, D.R. 7064
Ellison, T. *see* Caussyn, D.D. 7026
Ellison, T. *see* Caussyn, D.D. 38778
Ellison, T. *see* Ellison, M. 38779
Ellison, T. *see* Huang, H. 7044
Ellison, T. *see* Lee, S.Y. 7040
Ellison, T.J.P. *see* Anderson, D.R. 7064
Ellison, T.J.P. *see* Hamilton, B.J. 46783
Ellison, T.J.P. *see* Phelps, R.A. 38798
Elman, B. *see* Stockwell, W. 18495
Elloumi, K., Pouliquen, H., Bergmann, C. Low frequency PWM inverter using an independent resonant DC link 17027
Ellsberger, J. *see* Ek, A. 30232
Ellson, R.N. *see* Mechan, M.J. 4900
Ellsworth, J.A. *see* Vydyanath, H.R. 10791
Ellul, J.P. *see* Sing-Pin Tay 1913
Ellwanger, R.C. *see* Raaijmakers, I.J. 2224
Elm, C., Tavangarian, D. Associative search based test algorithms for test acceleration in FAST-RAMs 10157
Elman, B. *see* Koteles, E.S. 2040
Elman, U. *see* Kroll, S. 12382
Elmas, C., Zelaya-De La Parra, H. Position sensorless operation of a switched reluctance drive based on observer 8888
Elmasry, M. *see* Deng, L. 44800
Elmasry, M. *see* Hassanein, K. 4493
Elmasry, M. *see* Zhang, D. 10126
Elmasry, M. *see* Zhang, D. 10384
Elmasry, M.I. *see* Achyuthan, A. 18941
Elmasry, M.I. *see* Elrabaa, M.S. 10131
Elmasry, M.I. *see* Elrabaa, M.S. 41856
Elmasry, M.I. *see* Gebotys, C.H. 18425
Elmasry, M.I. *see* Obrecht, M.S. 19717
Elmasry, M.I. *see* Rofail, S.S. 43134
Elmasry, M.I. *see* Sharaf, K.M. 43091
Elmer, S.J. *see* van Swaaij, R.A.C.M.M. 42437
Elmirghani, J., Cryan, R., Clayton, M. Slot and frame synchronisation in optical fiber PPM systems with dispersed pulse shapes 30819
Elmirghani, J.M.H., Cryan, R.A. Jitter implications on PPM using optical preamplification 30721
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. Spectral modelling of an optical PPM satellite link for timing extraction 6096
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. Optical-fiber multiple PPM frame synchronization 14642
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. Overlapping optical fibre PPM for cable TV: synchronisation issues 14815
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. Timing performance of self synchronised optical fibre PPM 29423
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. A model for timing jitter estimation in optical-fiber PPM 38038
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. An optimum jitter-minimising filter for optical fibre PPM synchronisation 45909
Elmirghani, J.M.H., Cryan, R.A., Clayton, M. Optical fibre overlapping PPM synchronisation 5932
Elmirghani, J.M.H., Cryan, R.A., Clayton, M. Investigation of the synchronisation requirements for optical fibre PPM 28458
Elmirghani, J.M.H. *see* Cryan, R.A. 23017
Elmirghani, J.M.H.O. *see* Cryan, R.A. 30606
Elmirghani, J.M.N., Cryan, R.A. Optimally filtered self-synchronized PPM PIN-BJT receivers 45928
Elmissiry, M., Chari, S. Axial flux brushless DC machine with step-shaped pole configuration 40255
Elmoataz, A. *see* Clouard, R. 5073
Elmore, M., Newton, S. A high power factor AC-to-DC converter for distributed power systems 32948
Elms, S.J. *see* DellaVilla, S.A. 25230
Elnaggar, A. *see* Elshafei, A.-L. 24839
Elnegaard, N.K. *see* Ronnekleiv, A. 2764
Elneweihi, A.F., Schweitzer, E.O., III, Feltis, M.W. Negative-sequence overcurrent element application and coordination in distribution protection 16441
Elnoubi, S.M. *see* Chadwick, D.J. 39317
Elo, M.A. DECT measurements with a microwave spectrum analyzer 23489
Elo, P., Saarinen, J., Varri, A., Nieminen, H., Kaski, K. Classification of epileptic EEG by using self-organizing maps 7456
Eloranta, E.W. *see* Piironen, P. 28587
Eloy, E.-F. A new approach to theoretical models of ultrashort photoconductivity effects induced by electromagnetic missiles in interaction with matter 29116
Elperin, T., Rudin, G. Thermal reliability of a bilayer slab subjected to a local heat source 40951
Elrabaa, M.S., Elmasry, M.I. Optimization of digital BiCMOS circuits, an overview 10131
Elrabaa, M.S., Obrecht, M.S., Elmasry, M.I. Novel low-voltage low-power full-swing BiCMOS circuits 41856
Elrafie, H.B., Irving, M.R. Linear programming for directional overcurrent relay coordination in interconnected power systems with constraint relaxation 7817
Elrazaz, Z., Al-Ohaly, A. Criterion for inductive compensation location to enhance system steady state stability 32203
Elrefaie, A.F., Goldstein, E.L., Zaidi, S., Jackman, N. Fiber-amplifier cascades with gain equalization in multiwavelength unidirectional inter-office ring networks 14644
Elrefaie, H.B., Irving, M.R. Determination of minimum break point set for protection co-ordination using a functional dependency concept 16439
Elrod, S.A. *see* Hadimioglu, B. 16089
Elsasser, W. *see* Hofmann, M. 28866
ElSawy, A.A. Keys to meeting the operational enhancement needs of the air traffic management system 39328
Elsayad, A.M. *see* Rashwan, M.A. 22069
Elsayad, A.M. *see* Rashwan, M.A. 30009
Elsayed, E.A., Ettouney, M. Perturbation analysis of linear programming problems with random parameters 561
Elsea, D., Quesnel, N. A new shielding system for large electronics cabinets 17914
Elshabini-Riad, A. *see* Hayes, M.B. 23544
Elshafei, A.-L., Elnaggar, A. Towards an intelligent power system stabilizer 24839
Elshater, T.F. *see* Elhagry, M.T. 16724
Elsherbeni, A.Z., Ginn, P.H. Interactive analysis of antenna arrays with a personal computer 40835
Elsherbeni, A.Z., Taylor, C.D., Jr. EM Programmer's Notebook [EM scattering] 21197
Elsherbeni, A.Z. *see* Auda, H.A. 21302
Elsherbeni, A.Z. *see* Qiu Mei-De 29154
Elsherif, M.S. *see* Rashwan, M.A. 22069
Elsherif, M.S. *see* Rashwan, M.A. 30009
Elsimary, H. *see* Ismail, F. 17491
Elsing, J. *see* Jaeger, A. 19875
Elsner, B. *see* Coudenys, G. 41306
Elsner, H., Doring, H.-J., Schacke, H., Dahm, G., Koops, H.W.P. Advanced multiple beam-shaping diaphragm for efficient exposure 28003
Elsner, H., Hahmann, P., Koops, H.W.P., Dahm, G. Multiple beam-shaping diaphragm for efficient exposures of gratings 27914
Elson, J. *see* Buksa, J. 24444
Elson, J.T. *see* Chan, C.H. 21326
Elsonbaty, N., Holmes, P.G., Salama, M., Smith, N.P.A., Williams, A.A. VSCF induction generation in stand-alone micro-hydro generating systems 25253
Elst, H.van der *see* van der Elst, H.
Elster, E. *see* Yamin, H. 17169
Elstner, L. *see* Eschrich, H. 40484
Elston, S.J. *see* Faulkner, G.E. 35971
Elston, S.J. *see* Grunnet-Jepsen, A. 20293
Elta, M.E. *see* Morris, T.M. 412
Elterich, A., Kleinhempel, W., Stammler, W. Design and realization of high sampling rate quadrature demodulators 18542
Elton, D.J. *see* Davies, D.A.O. 5975
Eltoukhy, A. *see* Jiaa, C.L. 28388
Eltoukhy, S. *see* Chen, J. 18697
Elver, S.A. *see* Sundquist, M.J. 32777
Elvers, G.C. *see* Cooper, B.P. 7677
Elvin, S. Series compensation for improved and flexible control of AC systems 47431
Elwalid, A.I., Mitra, D. Effective bandwidth of general Markovian traffic sources and admission control of high speed networks 5299
Elwenspoek, M. *see* Lammerink, T.S.J. 6390
Elwenspoek, M. *see* Spiering, V.L. 31206
Elwenspoek, M. *see* Tilmans, H.A.C. 31201
Elwenspoek, M. *see* Tilmans, H.A.C. 38483
Elwood-Smith, M. *see* Usher, J. 38013
Elwyn, A. *see* Johns, K. 31685
Ely, R. *see* Tkaczyk, S. 46989
Ely, R.P. *see* Amidei, D. 46890
Elyaagoubi, N. *see* Izquierdo, R. 42787
Elze, G. *see* Adnet, L. 22421
Elzingre, M. *see* Busselman, B. 10929

Ema, S., Ajiki, K. The impedance frequency characteristics of the Maglev power feeding circuit 25894
Ema, S. *see* Akiyama, N. 11809
Emami, B. *see* Purdy, J.A. 39092
Emanov, A.F., Kaptsov, O.V. Digital processing of vibrational signals in depth seismic investigation 32068
Emanuel, A.E. On the definition of power factor and apparent power in unbalanced polyphase circuits with sinusoidal voltage and currents 16136
Emanuel, A.E., Janczak, J., Pileggi, D.J., Gulachenski, E.M., Root, C.E., Breen, M., Gentile, T.J. Voltage distortion in distribution feeders with nonlinear loads 47503
Emanuel, A.E. *see* Pileggi, D.J. 25931
Emanuel, M. *see* Benett, W.J. 20891
Emanuel, M.A. *see* Jansen, M. 20847
Emanuelsson, P., Maximov, I., Linke, H., Omling, P., Samuelson, L., Meyer, B.K. The influence of process-induced surface defects on luminescence and transport properties of low-dimensional structures 42462
Embabi, S.H.K., Brueske, D.E. Clock synchronization for WSI systems 41991
Embabi, S.H.K., Islam, K.I. Novel PLL-based clock distribution scheme 1298
Emberson, D.L. *see* Fraser, G.W. 24125
Embrechts, M., Yapo, T.C., Lahey, R.T., Jr. The application of neural networks to flow regime identification 32618
Embrey, D. Can Britain live by job importation alone? The case for R&D 26126
Embrey, J., Williams, M., Press, K.K. Design studies for advanced thermal batteries 17179
Embrey, J. *see* Oweis, S.M. 17255
Embury, J. *see* Chubb, J.N. 36110
Emde, F. *see* Ansorge, H. 14437
Emdin, M. *see* Balocchi, R. 39046
Emeis, N. *see* Bauer, J.G. 35572
Emele, P. *see* Bauerle, P. 26528
Emelin, P.Yu., Rutberg, F.G., Fridman, B.E. E7-25 capacitor energy storage 48151
Emel'yanov, A.I. *see* Balashov, S.M. 32588
Emel'yanov, A.N. *see* Andreev, V.A. 10541
Emel'yanov, V.I. Spontaneous breaking of symmetry of vibronic transitions saturation and threshold generation of second harmonic in centrosymmetric solids 21059
Emeny, M.T., Skolnick, M.S., Whitehouse, C.R., Hayes, D.G., Calcott, P.D.J., Higgs, A.W. Optimization of the growth parameters for the molecular-beam epitaxial growth of strained $In_{0.16}Ga_{0.84}As/Al_{0.33}Ga_{0.67}As$ single quantum-well structures 656
Emerald, P.R. Low-cost, Hall effect 'smart-sensor' for addressable, multiplexed, 2-wire position systems 46408
Emerald, P.R. Dual, full-bridge motion control IC provides PWM current control in 18 lead powertab package 47894
Emeraud, T. *see* Dutta, J. 33675
Emerick, J., Ray, L. Application of the superconducting magnetic energy storage device (SSD) At a plastics manufacturing facility 40671
Emerson, A.B. *see* Pearton, S.J. 2581
Emerson, A.B. *see* Ren, F. 1932
Emerson, A.B. *see* Ren, F. 2486
Emerson, A.B. *see* Ren, F. 11241
Emerson, C.R. *see* Alexander, M. 10556
Emerson, C.R. *see* Alexander, M. 34330
Emerson, R.M., Wickens, C.D. The vertical visual field and implications for the head-up display 15960
Emery, J.Y. *see* Langanay, J. 35835
Emery, J.Y. *see* Ponchet, A. 9642
Emery, K. *see* Green, M.A. 33020
Emery, T. *see* Busselman, B. 10929
Emery, T. *see* Przybyla, J. 2368
Emes, J. *see* Aubourg, E. 19925
Emes, J. *see* Young, B.A. 24033
Emes, J.H. *see* Knowlton, W.B. 19422
Emig, H. *see* Wolf, B.H. 15590
Emiliani, G. *see* Piegari, A. 3726
Emily, D. *see* DeLaus, M. 35095
Emiris, I. *see* Canny, J. 9458
Emloh, D.A.von *see* von Emloh, D.A.
Emma, P. Beam based alignment of sector-1 of the SLC linac 6935
Emma, P. *see* Decker, F.J. 15369
Emma, P. *see* Krejcik, P. 15394
Emma, P. *see* Minty, M. 15342
Emmanuelides, P.A. Towards an integrative framework of performance in product development projects 26149
Emmerich, M. Investigations on a radiation hardened multimode fibre 11598
Emmerich, M. *see* Jacob, J. 15181
Emmerichs, U., Meyer, C., Leo, K., Kurz, H., Bjorkman, C.H., Shearon, C.E., Jr., Ma, Y., Yasuda, T., Lucovsky, G. Chemically modified second harmonic generation at surfaces on vicinal Si(111) wafers 21015
Emmerichs, U. *see* Lucovsky, G. 27601
Emmerichs, U. *see* Yasuda, T. 34618
Emmerstorfer, B. *see* Knight, D.G. 18152
Emnett, F. *see* Wang, C.-J. 11308
Emo, S.M., Gustus, J. Fiber optic sensing for engine and flight controls 39284
Emori, T. *see* Mitsubori, S. 14791
Emoto, T. *see* Sato, I. 15299
Emplit, P. *see* Badolo, M. 28454
Emplit, P. *see* Dubois, F. 43445
Emplit, P. *see* Kivshar, Y.S. 38048
Emptoz, H. *see* Selmaoui, N. 4998
Emrani, A., Ghibaudo, G., Balestra, F. On the universal electric field dependence of the electron and hole effective mobility in MOS inversion layers 19844
Emrani, A., Hafez, I.M., Balestra, F., Ghibaudo, G., Haond, M. Performance and physical mechanisms in LDD MOS transistor from room to liquid helium temperatures 35001
Emre, E. Joint range-angle beamforming with application to estimation of target density functions 23085
Emsperger, W., Haupt, G. Design and behaviour of an IGCC water/steam cycle 40026
Emtsev, V.V. *see* Sobolev, N.A. 42625
Emura, K. *see* Domon, W. 23013
Emura, K. *see* Domon, W. 30861
Emura, K. *see* Namiki, J. 14654
Emura, K. *see* Shibutani, M. 14513
Emura, O. *see* Hashizume, K. 39985
Emura, S. *see* Ohsawa, Y. 16722
Emura, T. *see* Iwata, Y. 7312
Emura, W. *see* Shibutani, M. 5772
En, W. *see* Cheung, N.W. 10875
En Cao *see* Jiancheng Jia 5051
En Cao *see* Jin, J.S. 13772
En Jiang Shao *see* Jiang Shao En
En Wu *see* Wu En
En-Bing Lin *see* Mo-Hong Chou 22115
En-Yuan Sun, Rusch, W.V.T. Time-domain physical-optics 44591
Enache, L. *see* Ionescu, T.C. 38952
Enami, K. *see* Itoh, Y. 46209
Enami, K. *see* Yagi, N. 34090
Enami, T. *see* Kourogi, M. 43535
Enari, M., Takizawa, H., Shikakura, A., Kashida, M. Field trial of 60Mbit/s HDTV digital transmission on communication satellite channels 38293
Enari, T. *see* Ebiko, H. 23043
Enblom, R., Coad, J.N.O., Berggren, S. Design of HVDC converter station equipment subject to severe seismic performance requirements 32389
Enblom, R. *see* Berggren, S. 17133
Enblom, R. *see* Coad, J.N.O. 47472
Enblom, R. *see* Coad, N. 7918
Encheva, S., Klove, T. Codes satisfying the chain condition 44708
Encheva, S.B. *see* Dodunekov, S.M. 29464
Encheva, S.B. *see* Dodunekov, S.M. 29471
Encrenaz, P. *see* Beaudin, G. 23251
Encrenaz, P. *see* Bouregba, R. 34258
Endalamaw, Y. *see* Wolf, H. 42631
Endean, V.G. Spinning electric dipole model of ball lightning 3978
Endersby, T.M., Galloway, S.J., Gregory, B., Mohan, N.C. Environmental compatibility of supertension cables 16352
Endersby, T.M., Gregory, B., Swingler, S.G. Polypropylene paper laminate oil filled cable and accessories for EHV application 16357
Endert, H. *see* Patzel, R. 21137
Endestad, T., Holmstroem, C.B.O., Volden, F.S. Effects on operators' problem solving behaviour when using a diagnostic rule-based expert system developed for the nuclear industry 39754
Endestad, T. *see* Holmstroem, C.B.O. 32551
Endo, A. *see* Ito, T. 27879
Endo, C. *see* Kameyama, S. 1722
Endo, F., Atsumi, K., Okamura, K., Watanabe, Y., Ohshima, I. Pulse switching characteristics of MAGTs for pulsed power applications 11191
Endo, F. *see* Utsumi, T. 25564
Endo, F. *see* Yamagiwa, T. 48022
Endo, F. *see* Yamagiwa, T. 48023
Endo, H., Yamashita, T., Sugiura, T. Analysis and design of a two loop controlled switching power amplifier 14320
Endo, H. *see* Fukuhara, H. 23210
Endo, H. *see* Roschert, H. 11047
Endo, H. *see* Yabuki, H. 10417
Endo, I., Nemoto, Y., Sato, R. An equivalent transformation for the mixed lumped lossless two-port and distributed transmission line 44491
Endo, I. *see* Iwata, Y. 7312
Endo, I. *see* XingBo Yang 35231
Endo, I. *see* Yasui, Y. 6977
Endo, K., Bunyo, M., Shimizu, I., Hanna, J.-I. Early stage in polycrystalline growth of Si by fluoro-oxidation of silane 18272
Endo, K., Ishida, Y., Honda, T. Gain adjustment of I-PD control system using neural network 17140
Endo, K., Kobayashi, K., Fujii, H., Ueno, Y. Accelerated aging for AlGaInP visible laser diodes 20858
Endo, K. *see* Ishida, Y. 14603
Endo, K. *see* Ishikawa, S. 12186
Endo, K. *see* Mori, Y. 15202
Endo, K. *see* Mori, Y. 34727
Endo, K. *see* Ueno, Y. 12173
Endo, K. *see* Yamakoshi, I. 48277
Endo, M., Ito, H., Yamashita, S., Uchiyama, T. Study of red emission accompanied by the pulsed chemical iodine laser 35666
Endo, M., Kodama, K., Handa, Y., Uchiyama, T. Theoretical study of a large scale chemically pumped pulsed iodine laser amplifier 12011
Endo, M. *see* Hashimoto, K. 2281
Endo, M. *see* Hashimoto, K. 42794
Endo, M. *see* Honma, H. 25849
Endo, M. *see* Kanazawa, M. 6908
Endo, M. *see* Katsumata, M. 12624
Endo, M. *see* Yamashita, K. 27941
Endo, N., Nakamura, T., Nishii, K. Rib-grid VFDs shine brightly; other VFDs adopt large dot-matrix arrangements 46562
Endo, S. *see* Kobayashi, S. 34301
Endo, S. *see* Mizutani, A. 2975
Endo, T. Highly densed, highly efficient SMD placement technology 42287
Endo, T., Chua, L.O. Piecewise-linear analysis of high-damping chaotic phase-locked loops using Melnikov's method 26750
Endo, T. *see* Ishida, S. 17423
Endo, T. *see* Sakamoto, Y. 6276
Endo, T. *see* Sasaki, H. 6280
Endo, T. *see* Shirasaki, T. 24810
Endo, T. *see* Takahashi, K. 6285
Endo, T. *see* Yoshida, H. 6274
Endo, T. *see* Yoshida, H. 6752
Endo, Y. *see* Yuki, M. 28280
Endoh, H. *see* Yamaguchi, M. 29031
Endoh, K. *see* Osawa, H. 25379
Endoh, M., Sakuma, A., Nakamura, K., Mikami, H. Magnetic properties of $Nd(Fe\text{-}M)_{12}$ compounds 35213
Endoh, M. *see* Nagaya, K. 4013
Endoh, T., Fukuda, S. Control method and compensation characteristics of the active filter system using a current source PWM converter and a high-pass-filter 16117
Endoh, T. *see* Aritome, S. 41883
Endoh, T. *see* Fukuda, S. 16962
Endoh, T. *see* Fukuda, S. 16994
Endoh, T. *see* Hemink, G. 42580
Endoh, T. *see* Katsuta, G. 24966
Endoh, T. *see* Tagawa, N. 22166
Endoh, Y. *see* Imaizumi, M. 11873
Endoh, Y. *see* Imaizumi, M. 20892
Endoh, Y. *see* Imaizumi, M. 41368
Endres, E.A. *see* Wang, F.C. 42085
Endres, T.J., Kirkpatrick, J.B. Loop-filter design dominates PLL settling performance 10020
Endres, T.J., Kirkpatrick, J.B. Sensitivity of fast settling PLLs to differential loop filter component variations 18531
Endriz, J. *see* Mundinger, D. 20726
Enenkiel, A., Schulte, G. A PC-based supervision and control system for an electricity and water supply undertaking 47375
Eng, D. *see* Alqahtany, H. 17152
Eng, K.Y. ATM objectives and requirements for next-generation networks 22318
Eng, K.Y. *see* Santoro, M.A. 5684
Eng, K.Y. *see* Santoro, M.A. 22712
Eng, L. *see* Chapman, J.W. 24689
Eng, L.E. *see* Chen, T.R. 12215
Eng, P. *see* Rozinowicz, J. 16603
Eng, S.T. *see* Bertilsson, K. 12099
Eng, U. Success due to short development time [cordless telephones] 45467
Eng Guan Sng *see* Sng Eng Guan
Eng Seng Lim *see* Lim Eng Seng
Eng-Theam Ooi *see* Saito, T. 45526
Engan, H.E. *see* Ronnekleiv, A. 2764
Engbersen, J.F.J. *see* Brunink, J.A.J. 6470
Engbersen, J.F.J. *see* Stauthamer, W.P.R.V. 31179
Engbersen, J.F.J. *see* Verkerk, U.H. 46367
Enge, W. *see* Petersen, F. 7266
Engebretson, A.M., French-St. George, M., O'Connell, M.P. Adaptive feedback stabilization of hearing aids 24355
Engel, A. *see* Schreiter, G. 5882
Engel, A.G., Jr., Katehi, L.P.B. The role of higher order modes in the characterization of a shielded transition to a dielectric waveguide 1439
Engel, A.G., Jr., Katehi, L.P.B. Frequency and time domain characterization of microstrip-ridge structures 21322
Engel, B., Bunten, B. Integrated systems for network control and load management 24923
Engel, F., Schiewe, C. Infrared temperature measuring instrument for noncontact measurement of the temperatures of metal surfaces 15004
Engel, H. *see* Pawlowski, E. 44166
Engel, I. *see* Diggavi, S.N. 29606
Engel, J.P. *see* Adam, W. 46929
Engel, M. *see* Lechevallier, L. 16875
Engel, P.A., Miller, T.M. Torsional stiffness and fatigue study of surface-mounted compliant leaded systems 19215
Engel, P.A. *see* Ling, Y. 1688
Engel, T. The interaction of molecular and atomic oxygen with Si(100) and Si(111) 2145
Engel, T. *see* Szabo, A. 42718
Engel, Z., Wszolek, T. Analysis of parameters influencing the noise emitted by high-voltage power transmission lines 24975
Engelfried, J. *see* Martens, K. 46914
Engelfried, J. *see* Muller, U. 46916
Engelfried, J. *see* Siebert, H.-W. 46896
Engelhard, H. *see* Schoettmer, U. 6332

Engelhardt, C.M., Tobben, D., Aschauer, M., Schaffler, F., Abstreiter, G., Gornik, E. High mobility 2-D hole gases in strained Ge channels on Si substrates studied by magnetotransport and cyclotron resonance 42507
Engelhardt, D., Klein, K.-H. Greater efficiency through total quality management. I 17940
Engelhardt, D., Klein, K.-H. More efficient through total quality management. II 17954
Engelhardt, H. *see* Goldstein, R.M. 16012
Engeli, F., Kurt, F. Cabling for intelligent buildings 37691
Engelke, H. *see* Behringer, U. 27918
Engelmaier, W. Design for reliability of surface mount solder attachments 1701
Engelmaier, W. Assuring long-term reliability of surface mount solder joints for military avionics (AVIP) applications 39236
Engelmann, B. Convexification and decomposition of separable nonconvex optimization problems 556
Engelmann, G., Ehrmann, O., Leutenbauer, R., Schmitz, H., Reichl, H. Selectively released microstructures electroplated into thick positive photoresist 26467
Engelmann, H. *see* Persch, G. 28367
Engels, M., Jansen, R.H. Rigorous 3D EM simulation and an efficient approximate model of MMIC overlay capacitors with multiple feedpoints 1604
Engels, M. *see* Bilsen, G. 18755
Engels, V., Rohling, H., Breide, S. OFDM—transmission method for digital television broadcasting 30945
Engels, V. *see* Breide, S. 23268
Engelsberg, A.C. Particle removal from semiconductor surfaces using a photon-assisted, gas-phase cleaning proces 34742
Engel'sht, V.S. *see* Zhukov, M.F. 25188
Engelsma, J.R., Moon Jung Chung, Chung, Y. Distributed token-driven logic simulation on a shared-memory multiprocessor 30515
Engelson, M. Impulsive signal spectrum analysis 21271
Engelson, M., Morgan, C. Task oriented spectrum analysis with two GPIB ports 46579
Engelson, S.P. Active place recognition using image signatures 45175
Engelstad, R.L. *see* Laird, D.L. 27985
Engelstad, R.L. *see* Laudon, M.F. 27858
Engemann, J. *see* Bansky, J. 23545
Engemann, J. *see* Liu, H.X. 34739
Engheta, N. Chiral electrodynamics & complex materials: a review of recent developments 4078
Engheta, N. *see* Mariotte, F. 36338
Engheta, N. *see* Mirotznik, M.S. 36401
Engheta, N. *see* Mirotznik, M.S. 39086
Engheta, N. *see* Pelet, P. 4248
Engheta, N. *see* Saadoun, M.M.I. 4244
Engin, T., Guler, E.C., Sankur, B., Kahya, Y.P. Comparison of AR-based classifiers for respiratory sounds 24159
Engin, T. *see* Sankur, B. 47033
Engl, W.L. *see* Specks, J.W. 19997
England, E.H. High gain antenna measurements 36393
England, P. *see* Carothers, C.D. 37887
England, W.P. *see* Ito, H. 11051
Englefield, C.G. *see* Cain, B.M. 1081
Engleman, R.R., Jr. *see* Der, V.K. 25368
Engler, P.E. *see* Chen, S.Y. 31908
Englhardt, E.A. Product evolution vs. product revolution maximizing continuous improvement while minimizing risk 9225
English, J. *see* Mirin, R. 18161
English, J.H. *see* Wong, K.C. 669
English, M. *see* Schweitzer, M. 39531
English, M.J. *see* Ertaul, L. 5503
English, P. *see* Hafez, M. 41206
English, W. Mine control systems—past, present and future 38379
Engqvist, A. *see* Espefalt, R. 39811
Engstrom, F., Isaksson, J., Sellakumar, K. Process performance and demonstration of Ahlstrom Pyropower PCFB technology 39962
Engstrom, M. *see* Abrahamsson, K. 15584
Engstrom, M. *see* Dell'Acqua, A. 46998
Engstrom, O. *see* Farmer, K.R. 19735
Engvall, A. Industrial strength platforms 37330
Engvall, J., Olajos, J., Grimmeiss, H.G., Presting, H., Kibbel, H., Kasper, E. Characterization of Si_nGe_m strained layer superlattice p-n junctions 19387
Engvall, K. *see* Svensson, R. 25724
Enichen, W.A. *see* Pfeiffer, H.C. 27908
Enjeti, P. A component minimized single phase to three phase converter for induction motors 47996
Enjeti, P.N., Choudhury, S.A. A new control strategy to improve the performance of a PWM AC to DC converter under unbalanced operating conditions 40319
Enjeti, P.N., Rahman, A. A new single-phase to three-phase converter with active input current shaping for low cost AC motor drives 8508
Enjeti, P.N., Rahman, A., Jakkli, R. Economic single-phase to three-phase converter topologies for fixed and variable frequency output 8498
Enjeti, P.N. *see* Bhavaraju, V.B. 39584
Enjoh, H. *see* Sawada, M. 42953
Enk, J. *see* Lanera, D. 39639
Enke, L. *see* Zhimin, L. 11689
Enke Liu *see* Liu Enke
Enloe, C.L. High-resolution retarding potential analyzer 38801
Enloe, J.H. *see* Dolhert, L.E. 9285
Enman, C. *see* Efrat, U. 17883
Enning, B., Leptien, J., Bockers, K. Adaptive quantized feedback equalization for broadband optical-FSK transmission systems with single-electrode DFB lasers 14621
Eno, J. *see* Gary, S. 41931
Enoki, R. *see* Fujiwara, H. 37562
Enoki, T., Arai, K., Akazaki, T., Ishii, Y. Novel channel structures for high frequency InP-based HFETs 19041
Enoki, T., Tomizawa, M., Umeda, Y., Ishii, Y. 0.05-μm-gate InAlAs/InGaAs high electron mobility transistor and reduction of its short-channel effects 43009
Enoki, T. *see* Gueissaz, F. 19032
Enoki, T. *see* Kosugi, H. 18509
Enoki, T. *see* Sasaki, T. 28649
Enokido, Y. *see* Yata, K. 18326
Enokizono, M., Todaka, T., Matsumoto, I., Wada, Y. Levitation-melting apparatus with flux concentration cap 48366
Enomoto, A., Kamitani, T., Oogoe, T., Kakihara, K., Ohsawa, S., Sato, I., Asami, A. Performance of the upgraded positron generator at KEK 15297
Enomoto, A. *see* Nakajima, K. 7013
Enomoto, A. *see* Sato, I. 15299
Enomoto, E. *see* Miyata, T. 10233
Enomoto, H. *see* Yamamoto, T. 29935
Enomoto, J. *see* Nonogaki, M. 1734
Enomoto, K. *see* Kotsuka, Y. 4072
Enomoto, M., Takahata, F. An application of chirp to spread-ALOHA system 22776
Enomoto, R., Sumiyoshi, T., Fujita, Y. Test of various photocathodes 42351
Enomoto, R. *see* Guyonnet, J.L. 46904
Enomoto, T., Yamashina, M. Performance improvement for video signal processor (VSP) ULSIs 18801
Enomoto, T., Yamashina, M. Video signal processor (VSP) ULSIs for video data coding [in teleconferencing] 18818
Enomoto, T. *see* Inoue, T. 27000
Enomoto, T. *see* Inoue, T. 41936
Enomoto, Y. *see* Suzuki, K. 1615
Enomoto, Y. *see* Yonemoto, R. 18710
Enoto, T. *see* Oikawa, S. 25783
Enoto, T. *see* Tomioka, S. 21188
Enpuku, K. Voltage versus flux relation of high T_c DC superconducting quantum interference device with different inductances 11538
Enpuku, K., Koch, H. Washer resonances of DC superconducting quantum interference device coupled to multiturn input coil 2883
Enquist, P.M. *see* Slater, D.B., Jr. 42897
Enquist, S. *see* Randall, B. 391
Enright, G.D. *see* Nantel, M. 11914
Ens, H. *see* Bonato, P. 14522
Ensell, G. Techniques for combining active devices with microengineered silicon devices 46371
Ensheng Fu *see* Jialin Xie 43973
Enshun Jin *see* Jin Enshun
Ensinger, W. Chemical and thermodynamic influences in ion beam assisted thin film synthesis 26511
Enslin, J.H.R. *see* Liebenberg, R. 8454
Enslin, J.H.R. *see* Snyman, D.B. 25272
Enslin, J.H.R. *see* Snyman, D.B. 32799
Enslin, J.H.R. *see* van Harmelen, G.L. 7748
Ensslin, K. *see* Utzmeier, T. 42500
Entin, I. *see* Ma, Q.Y. 41280
Entine, G., Redus, R.H., Feyder, A., Biggs, P.J. Recent results with a CdTe imaging portal scanner for radiation therapy 15728
Entrambasaguas-Munoz, J.T. *see* Camacho-Penalosa, C. 35033
Entwisle, E.S. Technology 'away from the sharp end' 40684
Enze Luo *see* Luo Enze
Enze Shi *see* Shi Enze
Enzensberger, G., Spycher, E., Scheibengraf, J. Converter series, using oil immersed cooling, for main line locomotives 8951
Eo, Y., Eisenstadt, W.R. High-speed VLSI interconnect modeling based on S-parameter measurements 19974
Eom, H.J. *see* Kang, S.H. 4062
Eom, H.J. *see* Park, K.H. 42169
Eom, H.J. *see* Park, K.H. 44335
Eom, H.J. *see* Park, T.J. 4066
Eom, H.J. *see* Park, T.J. 4178
Eom, H.J. *see* Park, T.J. 12581
Eom, H.J. *see* Park, T.J. 21342
Eom, H.J. *see* Park, T.J. 44326
Eom, I.K. *see* Park, J.H. 24702
Eom Hyo Joon *see* Hyo Joon Eom
Eon Kang Chang *see* Chang Eon Kang
Eon Seo Joong *see* Joong Eon Seo
Eorn, H.J. *see* Kim, C.H. 29340
Ephremides, A. *see* Ramseier, S. 37941
Ephremides, A. *see* Scott Corson, M. 37118
Ephremides, A. *see* Tassiulas, L. 30614
Ephremides, A. *see* Wieselthier, J.E. 5740
Ephremides, A. *see* Wieselthier, J.E. 37277
Epifanov, V.M., Stankevich, I.V. Mathematical modeling of the three-dimensional temperature fields of turbine blades 25224
Epik, E.Ya. *see* Dyban, Ye.P. 1694
Epitropakis, G., Yiourgalis, N., Kokkinakis, G. Prosody assignment to TTS-systems based on linguistic analysis 13051
Epitropakis, G. *see* Yiourgalis, N. 13050
Epler, J.E., Schweizer, H.P. Evolution of monolayer terrace topography during metalorganic chemical vapor deposition of (100) GaAs 671
Epler, J.E. *see* Arnot, H.E.G. 27684
Epp, D. *see* Bowman, S.R. 3492
Epp, D. *see* Bowman, S.R. 20727
Eppel, V.I. *see* Gorev, N.B. 1874
Eppeldauer, G., Migdall, A.L., Cromer, C.L. Characterization of a high sensitivity composite silicon bolometer 23607
Eppeldauer, G. *see* Ohno, Y. 46276
Eppenberger, U. X.500 directory service usage for X.400 e-mail 5424
Epperlein, P.-W. Micro-temperature measurements on semiconductor laser mirrors by reflectance modulation: a newly developed technique for laser characterization 20874
Eppers, W.C., Jr. Military application of lasers 24556
Epperson, J.F. *see* Richards, S. 30112
Eppley, K.R. Modelling RF sources using 2-D PIC codes 42361
Epshteyn, M. *see* Motte, R.H. 38184
Epstein, C.M. *see* Kittel, W.A. 15873
Epstein, G. *see* Gustafson, M.W. 25945
Epstein, J.S., Deason, V.A., Abdallah, M.G. Interferometric studies of composite impact and deformation 6815
Epstein, M.L., Odenwalder, E.P. Take full advantage of AM/FM/GIS capabilities 16193
Epstein, R., Hogans, C., Delone, L.C. CASS TPS documentation—a high technology tool 23435
Epstein, V. *see* Artamonov, A. 31697
Equer, B. *see* Malamud, G. 46899
Er, M.H., Ooi, T.H., Li, L.S., Liew, C.J. A DSP-based acoustic feedback canceller for public address systems 31076
Er, M.H., Sim, S.L., Koh, S.N. Application of constrained optimization techniques to array pattern synthesis 29357
Er, M.H. *see* Kah-Chye Tan 29662
Er, M.H. *see* Kah-Chye Tan 44832
Er, M.H. *see* Ng, B.P. 36661
Er, M.J. Dynamic modelling of a dual-converter fed DC motor 8439
Er, P. A methodology for evaluation of environmentally-sound cleaning processes for high volume, fine pitch SMT assembly operations 34368
Er Meng Hwa *see* Meng Hwa Er
Er-Chang Chen *see* Chen Er-Chang
Er-rhaimini, S., Lecoq, J.P., Xuan, N.P., Rivoire, G., Tcherniega, N. Amplitude object reconstruction by stimulated backward Raman scattering in the picosecond range with high efficiency conversion 22039
Era, M. *see* Saito, S. 38616
Eramo, R., Matera, M. Third-harmonic generation in positively dispersive gases with a novel cell 44063
Eran, Y., Shafrir, S., Wienberg, I., Almaliach, N., Aloni, M., Sabouri, S. Precise reticle defect classification and sizing based on double-tier inspection technique 17932
Eranen, S. *see* Huhtinen, M. 7183
Eranna, G., Ramrekha, A.B. Electrical instability of sintered Ta films on (vacuum evaporated) polysilicon structures 42776
Erasme, D. *see* Ramos, R.T. 20910
Erasmus, S. *see* Lau, J. 326
Erasmus, S. *see* Lau, J. 10561
Erasmus, S. *see* Lau, J. 17838
Erasmus, S. *see* Lau, J. 42285
Erath, W., Maushart, R. Implementation of quality assurance in the manufacture of radiation measuring instruments 24008
Eray, M., Dogan, N.S., Liu, L., Koch, A.R., Moffett, D.F., Silber, M., Van Wie, B.J. A micromachined polyimide aperture for stable bilayer lipid membranes (BLMs) 23741
Eray, M. *see* Ranmuthu, I.W. 10123
Erb, H.P. *see* Koerner, H. 19625
Erba, B. *see* Bouvier, A.J. 12013
Erbar, M., Konenkamp, I., Horneber, E.H. Solving the partial differential equations of transmission lines with wave digital filters 36298
Erbay, A.S. *see* Eryurek, E. 32609
Erbel, R. *see* Brennecke, R. 24380
Erbel, R. *see* Fritsch, J.P. 24204
Erben, H. *see* Zeisberg, S. 5805
Erben, U., Gruhle, A., Schuppen, A., Kibbel, H., Koenig, U. Dynamic characterisation of Si/SiGe power HBTs 42209
Erben, U. *see* Gruhle, A. 19793
Erbenova, M. *see* Vodicka, B. 8677
Ercegovac, M.D. *see* Fernando, J.S. 27072
Ercegovac, M.D. *see* Louie, M.E. 26795
Ercole, D. *see* Girardi, G. 14252
Ercole, D. *see* Girardi, G. 22659
Ercoline, W.R. *see* Weinstein, L.F. 7528
Erdal, A., Yue, M., Hiramoto, L., Stahler, J. An implementation of a clock-tree distribution scheme for high-performance ASICs 18559

Erdman, K. *see* Dehnel, M. 7395
Erdmann, A., Shamonin, M., Hertel, P., Dotsch, H. Finite difference analysis of gyrotropic waveguides 3090
Erdmann, A. *see* Shamonin, M. 11668
Erdmann, L. *see* Brauer, A. 43545
Erdogan, O.E. *see* Mun Gi Choi 36823
Erdogan, S.S., Wahab, A. A reconfigurable neurocomputer for massively parallel computations 1204
Erdogan, T. *see* Mizrahi, V. 3023
Erdogan, T. *see* Partovi, A. 35307
Erdol, N., Basbug, F. Wavelet transform based adaptive filtering 21765
Erdol, N., Castelluccia, C., Zilouchian, A. Recovery of missing speech packets using the short-time energy and zero-crossing measurements 4478
Ereditato, A. *see* Artamonov, A. 31697
Ereditato, A. *see* Buontempo, S. 31696
Erell, A., Weintraub, M. Estimation of noise-corrupted speech DFT-spectrum using the pitch period 36604
Eremchenko, E.N. *see* Babintsev, V.V. 7210
Eremchenko, E.N. *see* Batalov, A.A. 46920
Eremeev, R.V. *see* Gavrishchuk, O.P. 31765
Eremenko, T.Yu. *see* Babin, S.A. 44017
Eremin, A.G., Korobkov, L.S., Dubinin, A.A., Pyshko, A.P., Tkach, K.G., Bochvar, A.A. Calculation, planning, and production technology of the radiation shielding means of nuclear power plants in spacecraft 24438
Eremin, A.G., Korobkov, L.S., Fedorov, V.A., Shishenya, L.E. Construction-technological methods for increasing the strength of the lithium hydride radiation shield of spacecraft nuclear power systems 24439
Eremin, V. *see* Li, Z. 7189
Eremin, V. *see* Verbitskaya, E. 24077
Eremin, V.K. *see* Verbitskaya, E.M. 46859
Eremin, Yu.A., Orlov, N.V., Rozenberg, V.I. Analysis of wave scattering by a collection of particles 29156
Eren, H., Goh, J. Slurry density measurements using low-cost spectrum analysers 15223
Erenyi, I. *see* Dekany, A. 22018
Eres, G. *see* Sharp, J.W. 41443
Erfani, S., Ahmadi, M., Khasnabish, B., Shridhar, M. Designing recursive digital filters by inverse Simpson's transform 18869
Ergakov, K.V. *see* Bespalov, V.I. 3883
Ergakov, K.V. *see* Bespalov, V.I. 21055
Ergakov, K.V. *see* Betin, A.A. 44039
Ergezinger, K.-H. *see* Frank, H.-P. 42626
Erglis, K.E. *see* Ivanov, Yu.D. 7277
Erhardt, H.J. *see* Anagnostopoulos, C.N. 38564
Erhart, D.L. *see* Duffalo, J.M. 33403
Erhart, D.W. *see* Chexal, V.K. 25186
Erhart, W. *see* Jarnal, R. 6304
Erhartt, L., Himmelstoss, F.A., Zach, F.C. Potential-free AC current measurement with double current transformer 32899
Erhartt, L.L., Edelmoser, K., Sedlacek, M., Zach, F.C. A novel low-loss switching method for converters using turn-off power switches (IGBTs, GTOs, etc.) 16975
Erhel, J. Experiments with data perturbations to study condition numbers and numerical stability 577
Erickson, D. *see* Rosendale, G. 26950
Erickson, D.C. A primer on optical current and voltage sensors and an update on activity 46407
Erickson, J.D., Aucoin, P.J., Jr., Ossorio, P.G. Integrated approach for delineating robotic capabilities needed for future space exploration tasks 39143
Erickson, J.D., Aucoin, P.J., Jr., Ossorio, P.G. Person-like intelligent systems architectures for robotic shared control and automated operations 47161
Erickson, W.C. *see* Kassim, N.E. 46150
Ericson, M.N. *see* Alarie, J.P. 6681
Eriguchi, K., Uraoka, Y., Nakagawa, H., Tamaki, T., Kubota, M., Nomura, N. Quantitative evaluation of gate oxide damage during plasma processing using antenna-structure capacitors 27721
Eriksen, L.M. *see* Hartney, M.A. 11033
Eriksen, L.M. *see* Hartney, M.A. 11072
Erikson, J. *see* Adam, W. 7259
Erikson, J. *see* Adam, W. 31715
Erikson, J. *see* Adam, W. 46929
Eriksson, H., Bauner, J.-O. Personal communications—a possible evolution of TDMA systems 14462
Eriksson, L. *see* Dahlbom, M. 15735
Eriksson, L. *see* Wienhard, K. 47046
Eriksson, N., Kjellberg, T., Hagberg, M., Larsson, A.G. Low-threshold grating-coupled surface-emitting lasers with etch-stop layer for precise grating positioning 28882
Eriksson, N. *see* Hagberg, M. 12135
Eriksson, N. *see* Hagberg, M. 43838
Eriksson, N. *see* Kjellberg, T. 28871
Eriksson, N. *see* Kjellberg, T. 43925
Eriksson, R. *see* Werelius, P. 2692
Eriksson, R. *see* Wu, D. 2708
Eriksson, S. *see* Tan, N. 10221
Eriksson, S. *see* Tan, N. 18907
Erisman, B.P., Martin, F., Redl, R. Novel primary-side controller and error-signal isolator ICs for switching power supplies in low-cost five-pin packages 26690
Erisman, B.P., Martin, F., Redl, R. Novel primary-side controller and error-signal isolator ICs for switching power supplies in low-cost five-pin packages 41657
Erisman, B.P. *see* Redl, R. 26691
Erisman, B.P. *see* Redl, R. 41659
Erisman, B.P. *see* Redl, R. 41676
Erives, H. *see* Parra-Loera, R. 5084
Erjavic, S. *see* Kumar, H. 237
Erjian Wang *see* Cunlin Zhang 29046
Erkizia, E. *see* Wright, J.D. 6626
Erko, A.A. *see* Naumenko, N.I. 12795
Erkocevic, N. Antenna for wireless LAN modem 36410
Erlangen, M.M. *see* Hafner, F. 8911
Erli Chen *see* Fischer, P.B. 27931
Erlun Fang *see* Fang Erlun
Ermakov, B.A., Voznitskii, M.V. Information gathering and processing in pulsed laser rangefinders 12504
Ermakov, S.A., Nissenbaum, I.A., Fraishteter, V.P. Procedure for estimation and analysis of power consumption in a seam pressure support system in oil deposits 9070
Ermakov, S.A. *see* Kudryashov, R.A. 9069
Erman, M. *see* Vinchant, J.-F. 5946
Ermel, V.E., Muratov, A.V., Solovyev, Y.V. Low energy spread RF linac variometer pulse forming line 7105
Ermel, V.E. *see* Zubenko, V.I. 8524
Ermentrout, B., Kopell, N. Learning of phase lags in coupled neural oscillators 42106
Ermer, J. *see* Fredric, C. 48141
Ermer, J. *see* Rockett, A. 40470
Ermer, S., Valley, J.F., Lytel, R., Lipscomb, G.F., Van Eck, T.E., Girton, D.G., Leung, D.S., Lovejoy, S.M. DCM-polyimide system for triplet-stack poled polymer electro-optic devices 20396
Ermer, S. *see* Van Eck, T.E. 3369
Ermer, W. *see* Bechstedt, U. 6934
Ermer, W. *see* Bechstedt, U. 15536
Ermert, H. *see* Hippler, J.H. 18361
Ermert, H. *see* Hoess, A. 15712
Ermert, H. *see* Pollakowski, M. 7655
Ermert, H. *see* Ylitalo, J. 15711
Ermine, J.L. *see* Alkhatib, B. 32229
Ermolaev, A.B. *see* Gurtovoi, V.L. 28404
Ermolayev, V.T., Flaksman, A.G., Rodygin, Yu.L. Methods of defining the vector of adaptive processing in antenna arrays at short sample case 44875
Ermolenko, A.B. *see* Zaitsev, B.D. 14982
Ermolov, I.N. Error in measuring the coordinated of a defect when there is instability of the acoustic contact 18332
Ermolov, I.N., Ermolov, M.I., Shcherbakov, A.A. Resolving power in ultrasonic testing 18385
Ermolov, I.N., Kiyatkin, D.V. Experimental verification of ultrasonic transmissivity 41520
Ermolov, M.I. *see* Ermolov, I.N. 18385
Ermolov, S.N. *see* Glebovsky, V.G. 33717
Ermutlu, M.E. *see* Nikoskinen, K.I. 29121
Erne, S.N. *see* Curio, G. 31884
Erne, S.N. *see* Trahms, L. 31883
Erneux, T., Carr, T.W., Li, R. Coupled lasers asymptotics 43808
Erneux, T. *see* Rue-Ding Li 35789
Ernst, E.M. *see* Gillum, W.O. 34425
Ernst, J., Gugulski, B., Heczko, A., Henrich, C., Jarczyk, L., Kilian, K., Kozela, A., Majewski, J., Misiak, A., Oelert, W., Rossen, P.v., Scho, K., Smyrski, J., Strzalkoski, J., Tolle, R. The drift chambers and the gas supply at Big Karl (COSY) 31659
Ernst, M., Grasse, M., Hohne, H.D., Dalstein, T. Advanced motion estimation for standards conversion and slow motion 38281
Ernst, M.J., Hemond, H.F. Vacuum pumpdown model for long outgassing tubes 42345
Ernst, R. *see* Holtmann, U. 34123
Ernst, W.E. *see* Schilling, G. 36012
Ernwein, J. *see* Cushman, P. 24012
Ernwein, J. *see* Hulbert, M. 7206
Erofeev, A.V. *see* Vasileva, R.V. 25832
Erokhin, G.A., Kocherzhevskiy, V.G. Analysis of the perturbing effect of a receiver antenna on a plane wave 29316
Erokhin, Yu.N., Hong, F., Pramanick, S., Rozgonyi, G.A., Patnaik, B.K., White, C.W. Spatially confined nickel disilicide formation at 400 °C on ion implantation preamorphized silicon 10749
Eron, M., Perko, R.J., Gibson, R.J. Fabrication process combines low cost and high reliability 19093
Eronen, H. Imatran Voima's experiences in locating partial discharges in power transformers through acoustic emission 16918
Eroshenko, V.A. Theoretical and numerical modeling of short pulse amplification in a high-power iodine laser 35656
Eroshenko, V.A. *see* Pevny, S.N. 35657
Eross, G., Boros, T., Kiss, A., Radvanyi, A., Roska, T., Bito, J., Vass, J. Optical tracking system for automatic guided vehicles using cellular neural networks 1364
Erramli, H. *see* Maddalon-Vinante, C. 19487
Errecalde, M. *see* Aguirre, G. 45529
Erroi, M. Integration of a cordless telephone system into a digital private automatic branch exchange 22804
Erroi, M. Ascotel bcs 64/64 S: cordless communication without restrictions 45471
Ersboll, B.K., Conradsen, K. A strategy for grading natural materials using a two step classification procedure 4898
Ersboll, B.K. *see* Gislason, E. 13182
Ersen, A., Schnitzer, I., Yablonovitch, E., Gmitter, T. Direct bonding of GaAs films on silicon circuits by epitaxial liftoff 11891
Ersen, A., Yablonovitch, E., Gmitter, T., Schnitzer, I. Integration of GaAs LEDs with silicon circuits by epitaxial liftoff 3390
Ersen, A. *see* Schnitzer, I. 20563
Ershov, O.G. *see* Baranov, A.N. 35803
Ershov, Yu.A. *see* Akimov, N.K. 16689
Ershov, Yu.K., Dodokhova, G.V., Tkachenko, G.I. Analytical determination of the characteristic of a DC electromagnet 4014
Ersoy, C., Panwar, S.S. Topological design of interconnected LAN/MAN networks 22512
Ersoy, C. *see* Akarun, L. 21770
Ersoy, O.K. *see* Benediktsson, J.A. 32071
Ersoy, O.K. *see* Chang, M.-P. 36064
Ersoy, O.K. *see* Guo-Zhen Yang 36922
Ersoy, O.K. *see* Yoon, Y.R. 29858
Ersoy, O.K. *see* Zhuang, J.-Y. 29061
Erstling, A.B. *see* Densing, R. 20948
Ertan, H.Bulent *see* Bulent Ertan, H.
Ertaul, L., English, M.J., Poon, F.S.F. Performance of improved session initiation authentication (SIA) protocols 5503
Ertel, J., Hampp, A., Jansen, H., Knapp, O. Ready for recycling: toward a new approach to product design 17796
Ertl, H. *see* Kolar, J.W. 32926
Ertl, H. *see* Kolar, J.W. 40339
Ertugrul, N., Acarnley, P. A new algorithm for sensorless operation of permanent magnet motors 40105
Ertugrul, N., Acarnley, P.P., French, C.D. Real-time estimation of rotor position in PM motors during transient operation 16769
Eru, I.I. Quasi-optical heterodyne receiver of the 2-mm band 46158
Erukhimov, L.M., Myasnikov, E.N., Kosolapenko, V.I., Cheremnyj, V.A., Evstaf'ev, O.V. Observation of total electron content, amplitude and phase scintillations in the auroral ionosphere 44346
Ervolina, T.R., McCormick, S.T. Two strongly polynomial cut cancelling algorithms for minimum cost network flow 539
Erwin, J.K. *see* Hong Fu 43560
Erygin, A.I., Litvinov, Yu.A., Nikol'nikov, I.A., Semenov, A.L. A multichannel meter for measuring root-mean-square voltage 23836
Erygin, A.I. *see* Bystrov, V.G. 4658
Eryurek, E., Upadhyaya, B.R., Berkan, R.C., Kavakliogiu, K., Erbay, A.S., Uhrig, R.E. Parallel, fault-tolerant control and diagnostics system for feedwater regulation in PWRS 32609
Eryurtlu, F., Kittler, J. A comparative study of grey level corner detectors 13790
Erzgraber, H.J. *see* Jagdhold, U.A. 11093
Es, C.M.Van *see* Van Es, C.M.
Es, J.T.van *see* van Es, J.T.
Es-Sbai, Z.Amine *see* Amine Es-Sbai, Z.
Esagui, R. *see* Ren, F. 42893
Esaki, H., Iwamura, K., Kodama, T., Fukuda, T. Connection admission control in ATM networks 37077
Esaki, S., Omiya, T., Shigematsu, N. Abstraction and control of transport network resources for intelligent networks 5614
Esaki, S. *see* Asakawa, M. 3695
Esaki, Y. *see* Kato, A. 17286
Esaki, Y. *see* Okumura, K. 17354
Esarey, E. *see* Krall, J. 6896
Esashi, M. Silicon micromachining and micromachines 6421
Esashi, M., Kawai, H., Yoshimi, K. Differential output type microflow sensor 46366
Esashi, M., Uehara, D. Fabrication of a monolithic capacitive pressure sensor for gauge pressure measurement 38456
Esashi, M. *see* Matsumoto, Y. 14991
Esashi, M. *see* Minami, K. 19598
Esashi, M. *see* Shirai, T. 6465
Esashi, M. *see* Yamaguchi, M. 21180
Esbensen, H., Mazumder, P. SAGA : a unification of the genetic algorithm with simulated annealing and its application to macro-cell placement 41583
Escadafals, L. *see* Zahorski, D. 11282
Escalada, G. *see* Monzon, L. 12989
Escalante-Ramirez, B., Martens, J.-B. Technique for image interpolation using polynomial transforms 29964
Escalera, J.C., Campos, J., Yzuel, M.J. Pupil symmetries for identical axial response 35547

Escalona, O.J., Mitchell, R.H., Balderson, D.E., Harron, D.W.G. Fast and reliable QRS alignment technique for high-frequency analysis of signal-averaged ECG 7453
Escario, A. *see* Nogales, A. 45388
Escarmelle, M. *see* Lilien, J.L. 16392
Eschbach, R. Reduction of artifacts in error diffusion by means of input-dependent weights 21978
Eschenauer, M., Wirowski, R., Marcus, D., Von Brentano, P. Resolution enhancement of gamma-spectroscopy data from neutron-damaged coaxial n-type HPGe-detectors 31817
Escher, G., Tepolt, G., Mohondro, R. Advances in deep-UV processing using cluster tools 11076
Escher, W.J.D. Hydrogen as a transportation fuel 32537
Eschermann, B. State assignment for hardwired VLSI control units 26798
Eschermann, B. *see* Saul, J. 10074
Eschke, J. *see* Bachler, J. 46934
Eschmeier, T. Polyurethane potting resins for switchgear components 48003
Eschrich, H., Bruns, J., Elstner, L., Swiatkowski, C. The dependence of a-Si:H/c-Si solar cell generator and spectral response characteristics on heterojunction band discontinuities 40484
Escobar, G. *see* Baquero, M. 29278
Escovitz, W.H. *see* Campbell, J.W. 38600
Escudero, J.L. *see* Guerrero, H. 6519
Escudero, J.L. *see* Guerrero, H. 15046
Esener, S. *see* Legeard, L. 11581
Esener, S.C. *see* Fan, C. 43527
Esener, S.C. *see* Kiamilev, F. 5666
Esener, S.C. *see* Marchand, P.J. 20471
Esener, S.C. *see* Marsden, G.C. 20473
Esener, S.E. *see* Ford, J.E. 20245
Esguerra, M. *see* Bogs, M. 26685
Eshaghian, B. *see* Daghighian, F. 15734
Eshaghian, B. *see* Daghighian, F. 39000
Eshima, H. *see* Katsuta, G. 24966
Eshita, T. *see* Miyagaki, S. 9582
Eshraghi, S.A. *see* Ng, K.K. 11207
Eshraghian, K. *see* Moini, A. 18913
Esimary, H. *see* Ismail, F. 25406
Esin, S.K. *see* Bylinsky, Yu.V. 7009
Esiyok, E., Teshome, A. Non-traditional power factor correction technique 32326
Eska, G. *see* Meagher, G. 24042
Eska, G. *see* Mikheev, V.A. 23931
Eskafi, F. *see* Zakhor, A. 13625
Eskandari, M.R., Harms, A.A. Neutron mean leakage time for the CF-251/252 power system 25151
Eskandarzadeh, I. *see* Uctug, M.Y. 40188
Eskander, M.N., El Hagry, M.T. Optimal performance of double output induction generator used in WECS 16732
Eskander, M.N., El Hagry, M.T. Optimal performance of double output induction generator 40230
Eskedal, J. *see* Alstad, K. 25051
Eskeldson, D.D., Kellum, R., Whiteman, D.A. A digitizing oscilloscope time base and trigger system optimized for throughput and low jitter 38596
Eskelinen, P., Lindroos, J., Mutoln, M., Tiusanen, M. Simple optical measurements of parabolic reflectors 12729
Eskildsen, L., Goldstein, E., da Silva, V., Andrejco, M., Silberberg, Y. Optical power equalization for multiwavelength fiber-amplifier cascades using periodic inhomogeneous broadening 37981
Eskildsen, L., Goldstein, E.L., Andrejco, M., Curtis, L., Shah, V., Mahoney, D., Zah, C.E., Lin, C. Interferometric noise limitations in fibre amplifier cascades 12066
Eskildsen, L. *see* Goldstein, E.L. 23006
Eskildsen, L. *see* Goldstein, E.L. 45998
Eskiyerly, M., Garcin-Valenzuela, A., Tabib-Azar, M. Mode conversion and large angle transmission in symmetric multimode y-junction couplers 3148
Es'kov, N.A. *see* Voron'ko, Yu.K. 28786
Eskridge, T. *see* DeYong, M. 10383
Eslami, M. On construction of n bank of robust Hurwitz polynomials 18060
Eslinger, S. *see* Chen, B. 20026
Esmail Salehi-Sangari *see* Mattson, M.R. 40848
Esmailzadeh, R., Nakagawa, M. Time division duplex method of transmission of direct sequence spread spectrum signals for power control implementation 5725
Esmailzadeh, R., Nakagawa, M. Pre-RAKE diversity combination for direct sequence spread spectrum mobile communications systems 5791
Esman, A.K. *see* Pilipovich, V.A. 11751
Esman, A.K. *see* Pilipovich, V.A. 35354
Esman, R.D., Frankel, M.Y., Dexter, J.L., Goldberg, L., Parent, M.G., Stilwell, D., Cooper, D.G. Fiber-optic prism true time-delay antenna feed 44635
Esman, R.D. *see* Marrone, M.J. 6515
Esmeraldo, P.C.V. *see* Vaisman, R. 24939
Esopa, J.R. *see* Minh, N.Q. 17285
Esp, D.G., Ekwue, A.O., Macqueen, J.F. Expert systems for telemetry processing [of power system data] 16254
Esparza, J. *see* Desel, J. 18012
Espefalt, R., Engqvist, A., Ingemarsson, K.F. Accident management objectives and implementation aspects 39811
Espejo, S., Rodriguez-Vazquez, A., Dominguez-Castro, R., Huertas, J.L. An adaptive scheme for feedthrough cancellation in switched-current techniques 18909
Espejo, S., Rodriguez-Vazquez, A., Huertas, J.L. Design and testing issues in current-mode cellular neural networks 1362
Espejo, S. *see* Huertas, J.L. 1377
Espeseth, K.T. The evolution of a local area network 5585
Espie, D.M., Mandler, J.A., Miller, D., O'Connor, D. The unique challenges of cryogenic distillation column control for integrated coal gasification combined cycle applications 8222
Espinosa, F., Mazo, M., Lazaro, J.L., Urena, J., Garcia, J. Using SPICE to model and simulate the MOS transistor 28159
Espinosa-Ortiz, N., Kolesnichenko, Yu.V., Shevchenko, V.V. Critical frequencies and mode fields of surface and buried planar optical waveguides 44499
Espinoza, J., Joos, G. On-line generation of gating signals for current source converter topologies 17093
Espinoza, J., Joos, G., Ziogas, P. An integrated three-phase voltage regulated current source inverter topology 17091
Espinoza-Beltran, F.J. *see* Ramirez-Bon, R. 3309
Esposito, A., Rampone, S., Stanzione, C., Tagliaferri, R. A mathematical model for speech processing 4496
Esposito, A., Rampone, S., Tagliaferri, R. A learning threshold algorithm for binary linear codes 4437
Esposito, A., Rampone, S., Tagliaferri, R. A neural network for error correcting decoding of binary linear codes 44675
Esposito, C. Virtual reality research at Boeing 32030
Esposito, E., Fontana, F., Pepe, G., Ruosi, A., Scotti di Uccio, U., Tafuri, F. The effect of a proximity layer on the response of a STJ detector 31773
Esposito, E. *see* Cristiano, R. 24132
Esposito, E. *see* Cristiano, R. 38878
Esposito, E. *see* Nakagawa, H. 15614
Esposito, J.N., Wootten, M.J. Operating experience with Westinghouse steam generators 16602
Esposito, N., Raugi, M., Tellini, A. Quasi-analytical model for eddy currents and forces analysis in asymmetric geometries with moving conductors 44241
Esposito, U. *see* Daurelio, G. 21135
Esposti, P.Degli *see* Degli Esposti, P.
Esposti, V.Degli *see* Degli Esposti, V.
Esposto, F., Lombardi, F., Gambaro, A. Optical systems in the Italian Telecommunication Network 46019
Esquivel, S. *see* Aguirre, G. 45529
Esquivias, I. *see* Ralston, J.D. 12149
Esquivias, I. *see* Ralston, J.D. 12243
Essabaa, S. *see* Arianer, J. 23993
Essafi, H. *see* Collette, T. 22283
Essen, C. *see* Brammer, R. 11382
Esser, A., Nagel, A. Contactless high speed signal transmission integrated in a compact rotatable power transformer 16916
Esser, A. *see* Klontz, K.W. 8948
Esser, A. *see* Kurz, H. 43614
Essex, T.J.H. Laser Doppler imaging of skin blood flow 47057
Essiambre, R.-J., Vallee, R. Generation of solitons through passive mode-locking in a twin-core fiber 28976
Essick, J.M. *see* Pool, F.S. 41425
Essig, B.R. Technological advancements in sealed-lead rechargeable batteries 33004
Essink, G., Aarts, E., van Dongen, R., van Gerwen, P., Korst, J., Vissers, K. Architecture and programming of a VLIW style programmable video signal processor 18781
Essmann, J., Hortmann, W. Shutting down nuclear power stations at the end of their technical-economic life duration—a planned measure by the electrical utility 8102
Essoh, C. *see* Bellissard, J. 33861
Essolbi, R. *see* Malec, D. 28297
Estabil, J.J. *see* Rathore, H.S. 2211
Estabrook, P. *see* Abbe, B.S. 37918
Estabrook, P. *see* Drucker, E.H. 37736
Esteban, J. *see* Rebollar, J.M. 42165
Estebe, C. *see* Demoulin, L. 25610
Esteghamat, K. *see* Yamamoto, Y. 20445
Estep, M.G., Glaesemann, G.S. The effect of carbon overcoating on the mechanical behaviour of large flaws [in optical fiber] 2988
Ester, G.W. Can SONET handle SDH traffic? 6095
Esterowitz, L. *see* Pinto, J.F. 20710
Esterowitz, L. *see* Pinto, J.F. 35720
Esterowitz, L. *see* Pinto, J.F. 44115
Esterowitz, L. *see* Quarles, G.J. 18127
Esterowitz, L. *see* Rosenblatt, G.H. 3481
Estes, J.C. *see* Hoeft, L.O. 44445
Estes, R., Kulesza, F., Delivorias, P., Buczek, D., Riley, G. Environmental and reliability testing of conductive polymer flip chip assemblies 371
Estes, R. *see* Yuce, H.H. 5875
Estes, S. *see* Jackson, T.M. 39914
Esteve, D., Delapierre, G., Baillieu, F. Integrated microsystems: state of the art and trends 43084
Esteve, D. *see* Cleland, A.N. 23581
Esteve, D. *see* Joyez, P. 43364
Esteve, D. *see* Pothier, H. 35269
Esteve, J. *see* Acero, M.C. 27707
Esteve, J. *see* Cane, C. 2007
Esteve, J. *see* Gracia, I. 6475
Esteve, J. *see* Lopez-Villegas, J.M. 27705
Esteve, J. *see* Marco, S. 27706
Esteve, J. *see* Perez-Rodriguez, A. 10866
Esteve, M., Andreu, V., Capmany, J. A prototype of low cost token ring based optical fiber industrial network 14219
Esteve, V. *see* Dede, E.J. 9042
Esteve, V. *see* Dede, E.J. 33166
Estevez, H., Moreno, E., Ares, F. Circuital model of a conductor under ELF-LF electromagnetic fields applicable to the determination of the electrical fields induced in the human body 39115
Estevez, H. *see* Moreno, E. 940
Estrada, C.A., Nair, P.K., Nair, M.T.S., Zingaro, R.A., Meyers, E.A. Chemical bath deposition of ZnSe and CuSe thin films using N,N-dimethylselenourea 41395
Estrada, H.V. The modeling of semiconductor properties by means of spreadsheet programs and their use in a classroom environment 9169
Estraillier, P. *see* Veron, D. 35951
Estrin, D. *see* Cocchi, R. 45535
Estrin, D. *see* Wei, L. 13973
Estrin, D. *see* Zhang, L. 5232
Eswaran, C. *see* Asari, K.V. 33957
Eswaran, C. *see* Prasad, K.S. 34163
Eswarappa, C., Hoefer, W.J.R. Time domain analysis of via holes and shorting pins in microstrip using 3-D SCN TLM 1632
Eswarappa, C., Hoefer, W.J.R. Performance study of one-way absorbing boundary equations in 3D TLM for dispersive guiding structures 4195
Eswarappa, C., Hoefer, W.J.R. Absorbing boundaries for 3D-TLM modelling of microstrip patch antennas 29306
Eswarappa, C. *see* Menzel, W. 44519
Etchegoin, P. *see* De Mierry, P. 42724
Eteiba, M.B. *see* Badr, M.A.L. 8317
Etemad, S. *see* Lawrence, B.L. 44056
Etezadi-Amoli, M. *see* Assadi, H. 24798
Etezadi-Amoli, M. *see* Lee, Y.C. 32404
Etheridge, J.A. *see* Cook, R.L. 25805
Etienne, F. *see* Ambrosini, G. 38898
Etinberg, M.I. *see* Chaly, V.P. 43877
Etkin, V.S. *see* Il'in, V.A. 38648
Etlicher, B. *see* Veron, L. 40371
Etminan, S., Kitchin, R.H. Flicker meter results of simulated new and conventional TSC compensators for electric arc furnaces 25934
Eto, M. *see* Glenn, W.E. 6231
Eto, Y. *see* Kondo, K. 30986
Eto, Y. *see* Murata, N. 46199
Etoh, J. *see* Tanaka, H. 1237
Etoh, T. *see* Koyanagi, M. 2942
Etoh, T. *see* Miyake, K. 43682
Etoo, T. *see* Koharagi, H. 8433
Etoo, T. *see* Koharagi, H. 25459
Etter, D.M. *see* Gross, J.H. 12639
Etter, D.M. *see* Jiang, J. 21884
Etter, D.M. *see* Rasmussen, J.L. 29609
Ettinger, R.D. *see* Hernandez-Figueroa, H.E. 36030
Ettl, M., Klehmet, U. A performance comparison between the fieldbus protocol standards PROFIBUS and FIP 30472
Ettorre, G. *see* Del Pistoia, A. 14410
Ettouney, M. *see* Elsayed, E.A. 561
Etula, J.H. *see* Partanen, J. 24792
Etxeberria, J. *see* Barrios, L.J. 14936
Etzion, T., Greenberg, G., Honkala, I.S. Normal and abnormal codes 21635
Etzion, T. *see* Vardy, A. 12858
Etzold, K.F., Roy, R.A., Saenger, K.L. Substrate effects in in-situ growth of perovskites by pulsed laser deposition 9782
Eudes, P. *see* He Zhiyong 46884
Eugster, C.C., del Alamo, J.A., Melloch, M.R., Rooks, M.J. 1D to 1D tunneling in a dual electron waveguide device 19915
Eugster, C.C., Nuytkens, P.R., del Alamo, J.A. A novel analog-to-digital conversion architecture using electron waveguides 18836
Eugster, C.C. *see* Wyss, R.A. 1894
Euh, J. *see* Choe, Y. 30996
Eui Lee Yong *see* Yong Eui Lee
Eui Yeal Oh *see* Jeong Hyun Kim 28162
Eui-Young Chung, Byung-Ha Joo, Young-Keun Lee, Kyung-Ho Kim, San-Hoon Lee Advanced delay analysis method for submicron ASIC technology 18563
Euijoon Yoon *see* Heung-Sik Tae 33622
Euing, W. *see* Kohnle, A. 32153
Eul, H.J., David, F., Metzner, N., Starck, A. A real-time testbed for the ATDMA system concept for UMTS 22909
Eul, H.J. *see* Cygan, D. 45847
Eum Tae-Wook *see* Tae-Wook Eum
Eun, Y.S. *see* Kwon, S.S. 42572

Eun Gu Lee, Sa Kyun Rha A study of the morphology and microstructure of LPCVD polysilicon 809
Eun Lee Ji *see* Ji Eun Lee
Eun-Hee Cirlin, Vajo, J.J., Hasenberg, T.C. Limiting factors for secondary ion mass spectrometry profiling 42407
Eung Gi Paek Progress of microlaser-based optical neural networks 28568
Eung-Kyeu Kim *see* Tamura, S. 46637
Eung-Sik Kim, Byeong-Yoon Lee, Jong-Keun Park Electric field optimization using NURB curve and surface 16750
Eunson, E. *see* O'Riordan, C. 24889
Eupen, M.Van *see* Van Eupen, M.
Eustace, A. *see* Jouppi, N.P. 26965
Eustace, A. *see* Jouppi, N.P. 27001
Eustace, J.G. *see* Adamovsky, G. 6533
Eustace, R.W., Woodyatt, B.A., Merrington, G.L., Runacres, A. Fault signatures obtained from fault implant tests on an F404 engine 47778
Eustache, E. *see* Bergeron, A. 43572
Euteneuer, H., Herminghaus, H., Herr, R., Jennewein, P., Kaiser, K.H., Klumper, Ch., Kreidel, H.-J., Leonardy, J., Ludwig-Mertin, U., Nilles, K.W., Steinel, A., Stephan, G., Zinnecker, P. Experience with the 855 MeV RTM-cascade MAMI 15286
Euthymiou, P.C., Zardas, G.E., Symeonidis, C., Banbury, P.C., Kourkoutas, C.D. Effect of α-particle irradiation on GaAs planar photoconductive detectors at low temperatures 7201
Evaldsson, P. *see* Micovic, M. 28808
Evaldsson, P.A. *see* Kiely, P.A. 43026
Evanczuk, S. *see* Flanigan, J. 26150
Evangelides, S.G. *see* Lichtman, E. 38034
Evangelides, S.J. *see* Hansen, P.B. 37985
Evangelist, M. *see* Arora, A. 9444
Evangelista, G. Pitch-synchronous wavelet representations of speech and music signals 44967
Evangelista, G. Comb and multiplexed wavelet transforms and their applications to signal processing 44989
Evangelisti, F. *see* Morosanu, C. 31771
Evano, J.M. *see* Pautet, M.B. 14452
Evans, A.C. *see* Ma, Y. 15775
Evans, A.C. *see* Neelin, P. 15773
Evans, A.G. *see* Cao, H.C. 28304
Evans, A.G.R. *see* Afshar-Hanaii, N. 2514
Evans, A.L. *see* Corner, G.A. 7511
Evans, A.N., Nixon, M.S. Temporal methods for ultrasound speckle reduction 39033
Evans, A.N., Nixon, M.S. Speckle filtering in ultrasound images for feature extraction 44843
Evans, B. *see* Cullen, C. 22823
Evans, B. *see* Cullen, C. 45898
Evans, B. *see* Cullen, C.J. 37948
Evans, B.D., Gossett, C.A., Hager, H.E., Hong, C.-S., Hughlock, B.W. Effects of 5.5-MeV proton irradiation on reliability of a strained quantum-well laser diode and a multiple quantum-well broad-band light-emitting diode 3362
Evans, B.D., Hager, H.E., Hughlock, B.W. 5.5-MeV proton irradiation of a strained quantum-well laser diode and a multiple quantum-well broadband LED 35841
Evans, B.G. Satellite telecommunications—an overview 37963
Evans, B.G. *see* Ahmad, J. 22872
Evans, B.G. *see* Atungsiri, S.A. 30656
Evans, B.G. *see* Danesfahani, G.R. 5855
Evans, B.G. *see* Hadjitheodosiou, M.H. 22590
Evans, B.G. *see* Kondoz, A.M. 22948
Evans, B.G. *see* Kondoz, A.M. 37631
Evans, B.G. *see* Monogioudis, P.N. 5189
Evans, B.G. *see* Monogioudis, P.N. 37081
Evans, B.G. *see* Ong, L.K. 29556
Evans, B.G. *see* Otung, I.E. 4106
Evans, B.G. *see* Otung, I.E. 21256
Evans, B.G. *see* Parks, M.A.N. 5811
Evans, B.G. *see* Parks, M.A.N. 5826
Evans, B.G. *see* Parks, M.A.N. 30663
Evans, B.G. *see* Soheili, R. 13026
Evans, B.G. *see* Sun, Z. 5857
Evans, B.G. *see* Tafazolli, R. 37911
Evans, B.T. Fast forward to the future 31058
Evans, D. *see* Anderson, G. 38901
Evans, D. *see* Boorer, A. 16147
Evans, D. *see* McKerrow, P.J. 24534
Evans, D.A. *see* Miller, J.R. 17144
Evans, D.D., Hueners, B.W. A mechanized assembly of microwave modules 17921
Evans, D.F., Starbuck, E., Kiresuk, T.J., Gee, R.E. Center for interfacial engineering: an experiment in building industry-university partnerships 187
Evans, D.J., Gusev, M. New linear systolic arrays for digital filters and convolution 27065
Evans, D.J. *see* Gusev, M. 1202
Evans, E. Enabling South Africa: development of an intelligent gateway 5510
Evans, E.D. *see* Carlson, B.D. 30895
Evans, E.D. *see* Carlson, B.D. 30896
Evans, E.D. *see* Carlson, B.D. 36875
Evans, G.A. *see* Abeles, J.H. 20863
Evans, G.A. *see* Guilfoyle, P.S. 20459
Evans, H.B. *see* Turner, T.S. 42505
Evans, H.E. *see* O'Hara, J.P. 278
Evans, J., Reynolds, S.K., Mathers, N.B.R. The design and optimization of the flue gas desulphurization plant at Ratcliffe Power Station in Great Britain 39897
Evans, J., Reynolds, S.K., Mathers, N.B.R. Plant selection, optimisation and design for Ratcliffe flue gas desulphurisation plant 47765
Evans, J. *see* Bernacki, S. 35199
Evans, J. *see* Carpenter, J.A. 9310
Evans, J. *see* Fayette, D.F. 9269
Evans, J. *see* Fayette, D.F. 9269
Evans, J.B., Duron, E., Wang, Y. Analysis and implementation of a priority knockout switch 5601
Evans, J.B., Hua, Y. Parameter estimation of multiple transient signals 29674
Evans, J.B., Xue, P., Liu, B. Analysis and implementation of variable step size adaptive algorithms 4613
Evans, J.B. *see* Gupta, C.N. 14633
Evans, J.B. *see* Hua, Y. 29743
Evans, J.B. *see* Minden, G.J. 14169
Evans, J.D. The TINA consortium auxiliary projects: an initial report 37182
Evans, J.H. *see* Zhang, J.P. 33597
Evans, J.L., Romanczuk, C., Johnson, R.W., Aday, J. Using MCM-L technology for under-the-hood automotive environmental conditions 25916
Evans, J.L. *see* Aday, J. 25915
Evans, J.L. *see* Meir, D.S. 330
Evans, J.L. *see* Romanczuk, C.S. 25922
Evans, J.M. *see* Sibbett, W. 12089
Evans, J.T. *see* Tuttle, B.A. 28323
Evans, J.T., Jr. *see* Ramesh, R. 11372
Evans, J.W., Evans, J.Y., Hull, S.M. The effects of cerium and silver alloying on microstructure and fatigue in near-eutectic solders 9797
Evans, J.W. *see* Deepak 8996
Evans, J.Y. *see* Evans, J.W. 9797
Evans, K. *see* Wu, C.E. 2058
Evans, K., Jr. Xorbit—an X-Windows accelerator simulation 46768
Evans, K.G. *see* Lewis, A.V. 22498
Evans, K.R., Kaspi, R., Cooley, W.T., Jones, C.R., Solomon, J.S. Arbitrary composition profiles by MBE using desorption mass spectrometry 26421
Evans, L. Hadron collider luminosity limitations 31609
Evans, L. *see* Bell, J.M. 35480
Evans, M. The effect of production variables on the strength of brass/Sn-Pb-Sb solder joints: a statistical analysis 33753
Evans, M. *see* Mawby, P.A. 2498
Evans, P. *see* Godber, S.X. 36916
Evans, P.D. *see* Cheng, K.W.E. 34295
Evans, P.D. *see* Eastham, J.F. 47862
Evans, P.J. *see* Watt, G.C. 40346
Evans, P.M., Gildersleve, J.Q., Rawlings, C., Swindell, W. The implementation of patient position correction using a megavoltage imaging device on a linear accelerator 7463
Evans, P.S.A. *see* Butler, I.C. 27094
Evans, P.S.A. *see* Taylor, D. 18900
Evans, R. *see* Davenport, G. 46251
Evans, R. *see* Preissner, J. 1264
Evans, R.A. *see* Woods, R.F. 10337
Evans, R.J. *see* Burroughes, J.H. 11233
Evans, S. Going metric and solving I/O connector capacity problems 27345
Evans, S., Yates, R. Programmable general purpose data path suitable for video signal processors 10198
Evans, S.P. Time dependent behaviour and large deviations analysis for a virtual path in a B-ISDN 14287
Evans, S.W. *see* Dadfar, M.B. 45565
Evans, W.T. *see* Nagl, M.M. 18379
Evans Sabin, R. On row-cyclic codes with algebraic structure 44691
Evans-Lutterodt, K.W. *see* Mau-Tsu Tang 27600
Evans-Lutterodt, K.W. *see* Tang, M.-T. 33774
Evci, C. *see* Charbonnier, A. 14459
Evdokimov, V.M. *see* Arbuzov, Yu.D. 33038
Evdokimov, V.M. *see* Arbuzov, Yu.D. 40487
Evdokimov, V.N. *see* Buzulutskov, F. 24056
Eve, T. *see* Dodu, J.C. 41086
Eveleth, J. Internet library catalogs: the MPG as emulation negotiator 30416
Even, G., Rachman, O., Spillinger, I. Linear test sequences for detecting functionally faulty RAMs 10145
Even, O. *see* Lifshitz, Y. 33334
Even, S., Mansour, Y. A construction of a cipher from a single pseudorandom permutation 12976
Evenov, G.D. *see* Letin, V.A. 32042
Evens, M. *see* Chao, S.-C. 14227
Evensen, L., Hanneborg, A., Avset, B.S., Nese, M. Guard ring design for high voltage operation of silicon detectors 24055
Evensen, L. *see* Ohlckers, P. 11278
Evenson, A., McIlvenna, T., Hambaba, M. Oscillatory neural networks for nonlinear system identification 21646
Everard, J.K.A., Cheng, K.K.M. High performance direct coupled bandpass filters on coplanar waveguide 18999
Everard, J.K.A. *see* Cheng, K.K.M. 21350
Everett, D. *see* Warner, E.S. 46133
Everett, J. *see* Astrachan, P. 1263
Everett, M. *see* Hartman, S.C. 38818
Everitt, D. *see* Lavery, W. 22829
Everitt, H.J., Kitson, B., Soh, K.H. Future network management 30317
Everleigh, C.A. *see* Lauf, R.J. 25936
Evers, G. *see* Adam, W. 46929
Evers, R.C. *see* Eby, R.K. *(editor)* 40815
Eversheim, P.D., Altmeier, M., Felden, O., Gebel, R., Krekel, M., Schak, M., Kretschmer, W., Glombik, A., Mummler, K., Nebert, P., Suft, G., Weidmann, R., Paetz gen. Schieck, H., Eggert, M., Lemaitre, S., Patberg, H., Reckenfelderbaumer, R., Schneider, C. Status of the polarized source for the cooler synchrotron COSY-Julich 31625
Eversmeyer, K.E., Dan Watts, W., Bube, E. A schema for fusion of simultaneous measurements of LWIR and visible signature data 5075
Everson, L., Sutherland, A. The design of a high definition active sonar using FFT beam-forming 14735
Evett, B. Profitable side lines [overhead power/telecommunication lines] 47540
Evetts, J.E. *see* Nevirkovets, I.P. 43356
Evrard, R. *see* Martinez, R. 34595
Evstaf'ev, O.V. *see* Erukhimov, L.M. 44346
Evstropov, V.V., Zhilyaev, Yu.V., Nazarov, N., Sergeev, D.V., Fedorov, L.M., Shernyakov, Yu.M. Electrical properties of epitaxial *p-n* GaP structures deposited on Si substrates 10717
Evstropov, V.V. *see* Bobrov, A.V. 19367
Evteeva, S.S. *see* Abdushukurov, D.A. 38843
Evtikhov, M.G. *see* Balkarey, Yu. I. 12361
Evtody, B.N. *see* Katz, E.A. 27462
Evtody, B.N. *see* Katz, E.A. 27463
Evtukh, P.S. Improving the efficiency of magnetostructure transducers using vanadium permendur magnetic cores 43333
Evtushenko, G.S. *see* Tarasenko, V.F. 21060
Evtushenko, O.I., Nasyrov, V.G., Chekrygina, I.M. Use of spline model in calculating parameters of a rectangular waveguide with a T-projection 21368
Ewerbring, M. *see* Dent, P. 37771
Ewing, D.J.F., Campbell, J.F. Tolerability of risk, safety assessment principles and their implications for probabilistic safety analysis 47695
Ewing, J.J. Advanced solid-state lasers challenge conventional types 20746
Ewing, M.S. *see* Padin, S. 14742
Ewing, R.E., Petrova, S.I., Vassilevski, P.S. Two-level local refinement preconditioners for non-symmetric and indefinite elliptic problems 41144
Ewing, T.K. *see* Serati, S.A. 28527
Ewing, W.S. *see* Martin, R.J. 23729
Excell, P.S. Sir Edward Appleton and Joseph Priestley: two giants of electrical science 33457
Excell, P.S., Jackson, N.N. UHF compact range illumination using an array antenna 12787
Exposito, A.Gomez *see* Gomez Exposito, A.
Exter, M.P.van *see* van Exter, M.P.
Eyal, A. *see* Maayan, E. 26433
Eyal, O., Katzir, A. Thermal feedback control techniques for transistor-transistor logic triggered CO_2 laser used for irradiation of biological tissue utilizing infrared fiber-optic radiometry 47117
Eyal, O., Zur, A., Shenfeld, O., Gilo, M., Katzir, A. Infrared radiometry using silver halide fibers and a cooled photonic detector 46660
Eyberg, R. Cascaded optical fiber amplifiers for broadband CATV transmission systems 45907
Eyck, W.Van *see* Van Eyck, W.
Eycken, L.Van *see* Van Eycken, L.
Eyer, A. *see* Hartiti, B. 48122
Eyers, T., Bradlow, H., Anido, G. Signalling Message Transfer Part for B-ISDN 37576
Eyharts, P., Anthouard, P., Bardy, J., Eyl, P., Thevenot, M., Roques, A., Villate, D. First results on LELIA induction injector 15294
Eyink, K.G., Cong, Y.S., Capano, M.A., Haas, T.W., Gilbert, R.A., Streetman, B.G. Observation of low-T GaAs growth regimes by real-time ellipsometry 33603
Eyink, K.G. *see* Patterson, O.D. 26412
Eyl, P. *see* Eyharts, P. 15294
Eyler, E.E. *see* Gangopadhyay, S. 29017
Eylon, S., Colby, E.R., Fessenden, T.J., Garvey, T., Hahn, K., Henestroza, E. Emittance variations of very cold off-axis ion beams during transport through MBE-4 23983
Eylon, S., Henestroza, E., Chupp, W.W., Yu, S. Low-emittance 0.8 A K^+ ion source for the LBL induction linac system experiment (ILSE) 31613
Eylon, S., Henestroza, E., Rutkowski, H., Yu, S., Grote, D., Chen, Y.-J., Hewett, D. Heavy-ion fusion injector experiments 31558
Eylon, S. *see* Celata, C.M. 31562
Eylon, S. *see* Garvey, T. 23984
Eymard, L. *see* Bernard, R. 39357
Eyre, N. Comparison of environmental impacts of electricity from different sources 25119
Eyuboglu, B.M., Hampson, B.M., Pilkington, T.C. Injected current patterns for electrical impedance imaging of the human thorax 15842
Eyuboglu, B.M., Pilkington, T.C. Comments on distinguishability in electrical impedance imaging 31959

Eyuboglu, B.M., Pilkington, T.C., Wolf, P.D. Estimation of tissue resistivities from multiple-electrode impedance measurements 24321
Ezaki, K., Baba, Y., Takahashi, H., Shibata, K., Nakano, S. Microwave dielectric properties of CaO-La_2O_3-Ln_2O_3-TiO_2 ceramics 11361
Ezaki, S., Honda, J. Industrial application of metal halide lamps 48460
Ezaki, T. *see* Miyatake, T. 46448
Ezenyilimba, M.C. *see* Clays, K. 20357
Ezenyilimba, M.C. *see* Penner, T.L. 21010
Ezer, G. *see* Yeung, N. 41913
Ezhov, V.F., Knyaz'kov, V.A., Yashchuk, V.V. Application of a square-wave HF voltage in a commercial RF mass spectrometer 15717
Ezis, A. *see* Steckl, A.J. 2076
Ezis, A. *see* Steckl, A.J. 10819
Ezoe, K. *see* Ohki, H. 15075
Ezquerra, M. *see* Carrasco, F. 16218
Ezquerra, N., Mullick, R., Cooke, C.D., Krawczynska, E.G., Garcia, E.V. PERFEX: an expert system for interpreting 3D myocardial perfusion 7355
Ezsol, G., Szabados, L., Bazso, Z. Modelling of the effect of non-condensible gases in VVER-440/213-type nuclear power plants 39873
Ezura, E. *see* Sato, I. 15299
Ezure, S., Imai, Y., Sato, H., Yamada, S., Yamanaka, K., Saito, S. Long-term reliability of amorphous alloy wound core distribution transformers 47932
Ezzaouia, H. *see* Bessais, B. 1856
Ezzat, M Nasser *see* Nasser Ezzat, M

Fa Shi Jin *see* Shi Jin Fa
Fa Tang Jin *see* Jin Fa Tang
Fan-Jeng Lin, Chang Ming Liaw An adaptive controller for induction position servo motor drives 8422
Fan-Jeng Lin, Chang Ming Liaw Control of indirect field-oriented induction motor drives considering the effects of dead time and parameter variations 8834
Faatz, B., Best, R.W.B., Oepts, D., van Amersfoort, P.W. Hole coupling in free-electron lasers 4696
Fabbri, F.L. *see* Bianco, S. 31711
Fabbri, F.L. *see* Sarwat, S. 31698
Fabbri, L. *see* Boscolo, I. 3706
Fabbricatore, P. *see* De Martinis, C. 15510
Fabeni, P., Pazzi, G.P., Linari, R., Pelfer, P.G., Tartoni, N. Measurement of thickness and defects by a matrix of plastic scintillating fibres 6407
Fabeni, P. *see* Ranfagni, A. 4115
Faber, J.P., Vavrek, J.M. Modern power plant control systems 39699
Faber, V. *see* Bradley, J.N. 13352
Fabes, B.D. *see* Birnie, D.P., III 11815
Fabian, C. *see* Iman, S. 19945
Fabian, H., Grzesik, U., Worner, K.-H., Henschel, H., Kohn, O., Schmidt, H.U. Radiation resistance of optical fibers correlation between UV attenuation and radiation induced loss 3029
Fabian, H. *see* Bernhardt, A. 28443
Fabian, H.U. Nuclear energy in Europe: joint development of a new reactor generation 39835
Fabian, O., Levy, H. Polling system optimization through dynamic routing policies 5202
Fabiny, L., Vohra, S.T., Bucholtz, F. High-resolution fiber-optic low-frequency voltage sensor based on the electrostrictive effect 23654
Fabiny, L., Vohra, S.T., Bucholtz, F., Dandridge, A. Three channel low-frequency fiber-optic voltage sensor 31260
Fabiny, L. *see* Vohra, S.T. 46464
Fabjan, Ch., Kronberger, H. Environmental aspects and recycling problems of traction batteries 40583
Fabre, A., Barthelemy, H. Composite second-generation current conveyor with reduced parasitic resistance 42048
Fabre, C. *see* Debuisschert, T. 3814
Fabre, F. Prospects for electric vehicles in Europe 48403
Fabre, J.-P. *see* Cianfarani, C. 31731
Fabre, J.-P. *see* Konijn, J. 24087
Fabregat, R., Marzo, J.L., Sole, J., Domingo, J. CAC controlled services sharing a link with connectionless data services in an ATM network: a performance evaluation study 14274
Fabres, J. *see* Bertolini, P. 24880
Fabres, J. *see* Simeon, E. 47553
Fabrichev, V.A. Unified hardware/software system for computerized industrial installations 5523
Fabricius, N. Reliability of passive fibre optic branching devices 38056
Fabricius, N. *see* Fuest, R. 3111
Fabricuse, N. *see* Shi, L.P. 35471
Fabris, A. *see* Massarotti, A. 15459
Fabris, A. *see* Massarotti, A. 15515
Fabris, D. *see* Benchekroun, D. 7218

Fabrisd, R., Favari, A., Tommasini, D. A high current passive septum magnet for ELETTRA 15561
Fabrizi, F. *see* Bellato, G. 25560
Fabrizio, E.Di *see* Di Fabrizio, E.
Fabrizio, M., Gogolin, A.O., Scheidl, S. Coulomb effects in transport properties of quantum wires 42493
Fabry, L., Hackl, B., Range, K.-J. Reaction path of internal gettering of iron in semiconductor silicon 42603
Fabry, P. *see* Attari, M. 6466
Fabrycky, W.J. *see* Broadwater, R.P. 47502
Fabula, T. *see* Alavi, M. 6433
Facchini, M., Zanetta, P., Paoletti, D., Schirripa Spagnolo, G. An endoscopic system for DSPI 899
Facchini, M. *see* Paoletti, D. 23649
Facchini, M. *see* Paoletti, D. 41545
Facchini, M. *see* Zanetta, P. 21143
Faccio, M. *see* Cantalini, C. 6407
Facco, A., Rudolph, K., Bassato, G., Battistella, A. A high sensitivity phase stabilizing system and beam current monitor 31554
Facco, A., Rudolph, K., Battistella, A., Tombola, G., Scarpa, F., Zanon, A. The ALPI linac pulsing system 15404
Facco, A., Sokolowski, J.S., Elkonin, B. A bulk niobium low β superconducting quarter wave resonator for ALPI 15503
Facco, A. *see* Fortuna, G. 6906
Facco, A. *see* Signorini, C. 31799
Fach, A., Maissen, C., Masek, J., Teodoropol, S., Zogg, H., Bottner, H. IV-VI on fluoride/Si structures for IR-sensor array applications 38555
Fachbach, B. *see* Adametz, C. 40582
Fache, N. *see* Blomme, K. 27126
Fache, N. *see* Sercu, J. 1603
Fache, N. *see* Sercu, J. 18963
Fache, N. *see* Sercu, J. 29244
Facheris, L. *see* Giuli, D. 23101
Facheris, L. *see* Giuli, D. 44363
Facq, P. *see* Yu, Q. 20298
Fadali, M.S. *see* Assadi, H. 24798
Faddeiev, L.P., Palkin, V.A., Kaversneva, T.T. Evaluation of subsonic wall two-phase flows in turbine channels 47761
Faddoul, R.Y., Whiting, J.M.W. GTO traction chopper with snubber energy recovery 8927
Fadeev, A.V. *see* Pchel'nikov, Yu.N. 18545
Fadel, M. *see* Collomb, C. 17062
Fadeyev, Yu.A. *see* Sergeyenko, N.M. 25753
Fadul, F., Ahmad, M. Microcomputer-based multiple overcurrent relays 32485
Faehl, R.J. *see* Fazio, M.V. 19303
Faehl, R.J. *see* Rej, D.J. 6882
Faergemand, O., Reed, R. SDL: the standard for engineering telecommunications software 5275
Fagan, A.D. *see* O'Neill, C. 14309
Fagan, P.J., Krusic, P.J., McEwen, C.N., Lazar, J., Parker, D.H., Herron, N., Wasserman, E. Production of perfluoroalkylated nanospheres from buckminsterfullerene 9804
Fagarasan, J.T. *see* Blackman, S.S. 29630
Fagen, S.J. Vacuum avalanche photodiodes can count single photons 23645
Fagen, S.J. Avalanche photodiode arrays boost PET scanners 31899
Fager, R.S. *see* Peddanarappagari, K.V. 22072
Fagerstrom, R.M. *see* Reith, L.A. 2957
Fagg, A.H., Stahl, H.P. Characterization of optical parameters for an injection molded parabola 6825
Faghri, M. *see* Asako, Y. 26200
Faglia, R. *see* Umberto Minoni 36092
Faglioni, C. *see* Nucci, C.A. 48091
Fagnani, M. *see* Borghi, M.R. 41665
Faguan Wan *see* Wan Faguan
Fague, D.E. An integrated baseband processor for universal personal communications applications 37764
Faheem Akram, M., Plummer, J.D., Shott, J.D. A new MOSFET output conductance measurement technique 19826
Fahim, A.A., Lipo, T.A., Slavik, C.J. Electromagnetic model for evaluation of flux harmonics and resulting magnetic forces in induction motors 8392
Fahling, H. *see* Wust, P. 24339
Fahiman, M. *see* Kowalczyk, S.P. 41484
Fahmy, F.H. Optimum design of combination renewable energy sources using decomposition-coordination technique 8242
Fahmy, F.H. Enhancement of photovoltaic system model 17406
Fahmy, H.M. *see* Helaly, A. 3957
Fahmy, M. *see* Abbasy, N.H. 39488
Fahmy, M.F., Yassin, Y.M., Abdel-Raheem, G., El-Gayed, N. Design of linear-phase IIR filters from FIR specifications 42076
Fahmy, M.H. *see* El-Shobokshy, M.S. 17396
Fahmy, M.M. *see* Abbas, H.M. 22255
Fahmy, M.M. *see* Abbas, H.M. 45106
Fahmy, M.M. *see* Mohamed, S.A. 22066
Fahndrich, M. *see* Cunningham, P.R. 29076
Fahnestock, M., Bindschadler, R., Kwok, R., Jezek, K. Greenland Ice Sheet surface properties and ice dynamics from ERS-1 SAR imagery 16013

Fahrenbruch, A.L. *see* Donghwan Kim 34516
Fahrenbruch, A.L. *see* Kim, D. 10814
Fahrig, R. *see* Maidment, A.D.A. 31865
Fahy, M.R., Sato, K., Joyce, B.A. Reflection high-energy electron diffraction intensity oscillations during the growth by molecular beam epitaxy of GaAs (111)A 18197
Fahy, M.R. *see* Wagner, J. 42628
Fai Chan Chun *see* Chun Fai Chan
Fai Fung Ka *see* Fung Ka Fai
Faidi, S.E. *see* Williams, L.A. 18325
Failes, M. *see* Todd, D.A. 3076
Fainboim, E.G. *see* Gromova, T.I. 27524
Faini, G. *see* Laruelle, F. 42509
Fainman, Y. *see* Ford, J. 28546
Fainman, Y. *see* Ford, J.E. 20245
Fainman, Y. *see* Ma, J. 3375
Fainman, Y. *see* Takahashi, H. 20497
Fair, D.C., Tilton, M., Hoke, C. Phase diffraction utilizing a liquid crystal diffraction device 6693
Fair, J. *see* Actor, G. 10985
Fair, J.A. *see* Ogawa, S. 10757
Fair, R., Bolton, H.R. Analysis and design of electromagnetic moving coil vibration generators 8728
Fair, R.B. Junction formation in silicon by rapid thermal annealing 2071
Fair, R.B. Junction formation in silicon by rapid thermal annealing 27638
Fair, R.B., Turlik, I. Proof-of-concept collaboration model for advanced packaging research at MCNC 9175
Fair, R.J., Parkin, T.S., Cook, I.M. Theoretical and practical assessment of busring temperatures at the Dinorwig power station 8277
Fairechio, W. Network protector relays enhance UG distribution reliability 16459
Fairfield, K. *see* Fieguth, T. 15555
Fairhurst, G., Salleh, A.Z.M., Wa, P.S., Samaraweera, N. A WAN Inter-Working Unit for satellite links 22947
Fairhurst, G., Spracklen, C.T., Samaraweera, N., McEwan, W. An analysis of TCP/IP in the CODE network 14261
Fairhurst, P. *see* Harrison, M. 17575
Fairles, R.T. *see* Haake, J.M. 23666
Fairless, J. *see* Brown, M. 37859
Fairweather, G., Lopez-Marcos, J.C. An explicit extrapolated box scheme for the Gurtin-MacCamy equation 9470
Faist, J., Capasso, F., Sirtori, C., Sivco, D.L., Hutchinson, A.L., Chu, S.N.G., Cho, A.Y. Quantum-well intersub-band electroluminescent diode at $\lambda=5$ μm 20554
Faist, J. *see* Sirtori, C. 19358
Faist, J. *see* Sirtori, C. 42515
Faith, M. *see* Davis, T.J. 9627
Faiz, J., Finch, J.W. Aspects of design optimisation for switched reluctance motors 32839
Faiz, J., Finch, J.W. Design computations and performance characteristics prediction for multiple tooth switched reluctance motor 47842
Faiz, J., Sharifian, M.B.B. Optimum design of three phase induction motor based on efficiency optimisation 8404
Faizrakhmanov, R.Kh. *see* Markov, Yu.N. 3299
Faizullin, F.Kh. *see* Gabrianovich, B.N. 47679
Fajre, C.J., Mullis, C.T. The L^∞ Wiener problem: an application of the L^∞ extension problem 13443
Fakhro, S.Q. *see* Qamber, I. 47435
Fakhro, S.Q. *see* Qamber, I.S. 33475
Fakhrul Islam, M., Perera, B.S.P. An interior type permanent magnet machine with shaped poles 40116
Fakotakis, N., Tsopanoglou, A., Kokkinakis, G. Speaker verification over telephone lines based on digit strings 13126
Faktorowich, B.L. *see* Auslender, V.L. 6910
Falabella, D.J. Streak splicing using medial axis transform techniques 30090
Falabella, S. *see* Chow, R. 3293
Falch, M., Henten, A., Skouby, K.E. Economic implications of introduction of new telecommunication services 14007
Falciai, R., Pascucci, T., Schena, A. Fiber-optic delivery system for high-power laser radiation 3036
Falciano, S. *see* Dionisi, C. 7222
Falciasecca, G., Caini, C., Riva, G., Frullone, M. General approach for the comparison of spectrum efficiency of digital mobile radio systems 45872
Falco, C.M. *see* Lange, D.A. 41277
Falco, C.M. *see* Ruffner, J.A. 18168
Falco, L. *see* Regnault, Ph. 11674
Falcon, A. *see* Cabrera-Gamez, J. 36927
Falcon, C.B. Fast charge termination methods for NiCd and NiMH batteries 48055
Falcone, K.A., Tonguz, O.K. Access methods for fiber-optic interconnection of LAN's 5565
Falcone, K.A., Tonguz, O.K. Growth of lightwave networks: average propagation delay in hierarchical architectures 14594
Falcone, K.A. *see* Tonguz, O.K. 5564
Falcone, K.A. *see* Tonguz, O.K. 46006
Falconer, D.D., Abdulrahman, M., Lo, N.W.K., Petersen, B.R., Sheikh, A.U.H. Advances in equalization and diversity for portable wireless systems 5822

Falconer, D.D., Stamatelos, G.M. Wireless access to broad-band services through microcellular indoor systems 37841
Falconer, D.D. *see* Thyagarajan, V.R.M. 37820
Falconer, I.S. *see* Khachan, J. 869
Falconer, J.L. *see* Bell, D.A. 821
Falconi, B. *see* Quadrini, E.F. 14097
Falconi, B. *see* Quadrini, E.M. 15991
Falcony, C., Alonso, J.C., Ortiz, A., Garcia, M., Zironi, E.P., Rickards, J. High quality, high deposition rate SiO_2 films at low temperatures using silicon fluorides and plasma assisted deposition techniques 9720
Faleev, K. *see* Korobov, V. 33704
Faleev, S.P. *see* Iskhakov, A.S. 9021
Faley, M.I., Poppe, U., Soltner, H., Jia, C.L., Siegel, M., Urban, K. Josephson junctions, interconnects, and crossovers on chemically etched edges of $YBa_2Cu_3O_{7-x}$ 11533
Falin, G.I., Artalejo, J.R., Martin, M. On the single server retrial queue with priority customers 9390
Falinower, C.M. *see* Alkhatib, B. 32229
Falk, J., Hauke, J., Kyska, G. Wire-bonding on printed circuit boards 34349
Falk, J. *see* Chu, R. 44049
Falk, J.-E. *see* Granestrand, P. 35501
Falk, R.A. *see* Adams, J.C. 28620
Falk, R.A. *see* Capps, C.D. 19185
Falk, R.A. *see* Capps, C.D. 28633
Falkenburg, W. *see* Wachholz, G. 22658
Falkenburg, W. *see* Wachholz, G. 30534
Falkenstorfer, O. *see* Schwider, J. 12457
Falkingham, J. *see* Ramsay, B. 32104
Falkner, A.H. Capacitor bridges in the measurement of force and torque 46641
Fal'kovskii, O.I. *see* Ikramov, A.S. 3305
Fallah, S., Ramachandran, V. Design of 2D FIR filters by the truncation of 2D DFTs of ideal responses 18870
Fallahi, M., Dion, M., Chatenoud, F., Templeton, I.M., Barber, R. High power emission from strained DQW circular-grating surface-emitting DBR lasers 20763
Fallahi, M. *see* Chunmeng Wu 35874
Fallahi, M. *see* McGreer, K.A. 37683
Fallahi, M. *see* Pakulski, G. 34871
Fallahi, M. *see* Templeton, I.M. 27748
Fallahi, S. *see* Tuttle, G.T. 4854
Fallahi, S. *see* Tuttle, G.T. 27017
Falldorf, H., Juptner, W., Sepold, G. A novel in-process sensor for high-power laser profile measurement 3752
Fallen, E.L. *see* Kamath, M.V. 39099
Faller, F. *see* Kieslich, A. 27652
Faller, F. *see* Martens, K. 46914
Faller, F. *see* Schmidt, A. 42512
Faller, F. *see* Siebert, H.-W. 46896
Fallet, T. *see* Kristiansen, H. 40975
Fallica, G. *see* Spirito, P. 43013
Fallmann, W., Bruckner, A., Cekan, E., Friza, W., Stangl, G., Thalinger, F., Hudek, P., Loschner, H., Stengl, G. Demagnifying ion projection a promising alternative to optical and x-ray lithography 11097
Fallnich, C. *see* Beigang, R. 29008
Fallnich, C. *see* Nebel, A. 20981
Fallon, C.M. *see* Girgis, A.A. 47379
Fallon, C.M. *see* Girgis, A.A. 47498
Fallon, G. Customer driven—and living it! [network computing] 37472
Fallon, M. *see* Walton, A.J. 2284
Fallone, B.G. *see* MacDonald, B.A. 7261
Fallone, B.G. *see* MacDonald, B.A. 28299
Fallone, B.G. *see* MacDonald, B.A. 44227
Fallou, J.L. *see* Ambrosini, G. 38898
Failside, F. *see* Wu, L. 4884
Falnikar, S.M., Shrinet, V. A method for quicker determination of temperature index of enamelled wires by TGA technique 16373
Falong Luo *see* Luo Falong
Falou, A.Al *see* Al Falou, A.
Falster, R., Gambaro, D. Metals, oxide precipitates and minority carrier lifetime in silicon 19333
Falster, R., Laczik, Z., Booker, G.R., Bhatti, A.R., Torok, P. Gettering and gettering stability of metals at oxide particles in silicon 2012
Faltens, A., Mukherjee, S., Brady, V. The development of compact magnetic quadrupoles for HISE 15476
Faltens, A. *see* Barnard, J.J. 23964
Faltens, A. *see* Barnard, J.J. 31535
Faltens, A. *see* Celata, C.M. 31562
Faltens, A. *see* Fawley, W.M. 31563
Faltens, A. *see* Hahn, K. 31567
Faltermeier, J., Eisenbraun, E., Liu, J., Dettelbacher, C., Toscano, P.J., Arkles, B., Kaloyeros, A.E. MOCVD of tungsten for multilevel interconnects 831
Faltin, K., Kottke, B. Compression and archiving of process data 16492
Faltus, T.H. Step-stress and life testing of multi-emitter bar lasers 20842
Fam, W.Z. A Poynting vector transducer for transmission line monitoring and protection 47607
Fam, W.Z., Mikhail, E.L. A system for the exposure of small laboratory animals to a 25-mT 60-Hz alternating or traveling magnetic field 15934
Fama, F., Mazzer, M. A method to control and improve the deposition of a polysilicon film using a horizontal LPCVD furnace 41479
Fameli, G. *see* Conte, G. 42444
Familant, M.Elliott *see* Elliott Familant, M.
Familli, N., Wright, S.M., Porter, J.R. MR flow measurement using RF phase gradients in receiver coil arrays 31891
Famouri, P., Walcott, B.L. Nonlinear control of a brushless DC servo: an exact linearization approach 25455
Fan, C., Luckenbach, T., Xu, X. Performance comparison and analysis of XTP and TCP/IP over the BERKOM broadband ISDN network 5602
Fan, C., Ruppelt, R. Protocol performance measurements in a heterogeneous network environment 45346
Fan, C., Shih, D.W., Hansen, M.W., Esener, S.C., Wieder, H.H. Quantum-confined Stark effect modulators at 1.06 μm on GaAs 43527
Fan, C. *see* Mouroulis, P. 3032
Fan, D.P. *see* Elketroussi, M. 33493
Fan, G.Y., Ellisman, M.H. High-sensitivity lens-coupled slow-scan CCD camera for transmission electron microscopy 46492
Fan, H. *see* Doroslovacki, M. 13325
Fan, H. *see* Liu, X. 13177
Fan, H. *see* Zhao, J. 29605
Fan, J., Freer, R. Improvement of the non-linearity and degradation behaviour of ZnO varistors 42255
Fan, J., Kakalios, J. Light induced changes in the non-Gaussian noise statistics in doped hydrogenated amorphous silicon 28597
Fan, J., Kakalios, J. Light-induced changes of the non-Gaussian 1/f noise statistics in doped hydrogenated amorphous silicon 42404
Fan, J., Lust, L.M., Kakalios, J. Conductance fluctuations in doped hydrogenated amorphous silicon 34537
Fan, J. *see* Fiksman, G. 5899
Fan, J. *see* Laine, A. 21953
Fan, J. *see* Laine, A. 22120
Fan, J. *see* Zaleta, D. 20488
Fan, J. *see* Zhang, S.K. 27641
Fan, J.C. *see* Kalman, R.F. 30703
Fan, K.-C. *see* Han, C.-C. 45099
Fan, K.C. *see* Huang, S.T. 23881
Fan, L. *see* Chen, Y.K. 42880
Fan, L. *see* Ho, C.-H. 1408
Fan, L. *see* Ho, C.-H. 1486
Fan, L. *see* Ho, C.-H. 1631
Fan, M.S. *see* Tang, P.F. 2259
Fan, P.Z., Darnell, M., Honary, B. New class of CDMA systems using orthogonal complementary sequences 5736
Fan, P.Z., Darnell, M., Honary, B. Crosscorrelations of Frank sequences and Chu sequences 44734
Fan, P.Z., Darnell, M., Honary, B., da Rocha, V.C., Jr Cyclic codes for T-user adder channel over integer rings 36502
Fan, P.Z. *see* Xu, Z.Z. 35688
Fan, Q. *see* Honig, A. 31618
Fan, Q.Z. *see* Yan, S.L. 38476
Fan, S. *see* Root, D.E. 2396
Fan, S. *see* Root, D.E. 42861
Fan, S.-K. *see* Liu, W. 1507
Fan, S.K. *see* Liu, W. 1552
Fan, T.Y. Heat generation in Nd:YAG and Yb:YAG 12048
Fan, W.C. *see* Kelly, J.G. 33335
Fan, X.W. *see* Lu, Y.M. 44120
Fan, Y., Han, J., He, L., Saraie, J., Gunshor, R.L., Hagerott, M., Nurmikko, A.V. Electrical transport characterizations of nitrogen doped ZnSe and ZnTe films 42425
Fan, Y., Han, J., He, L., Saraie, J., Gunshor, R.L., Hagerott, M.M., Nurmikko, A.V. Transport study of ZnSe:N employing Zn(Se,Te) graded contacts 1848
Fan, Y. *see* Chen, W. 18811
Fan, Y. *see* Grillo, D.C. 3647
Fan, Y. *see* Grillo, D.C. 28811
Fan, Y. *see* Salokatve, A. 12146
Fan, Y. *see* Salokatve, A. 20767
Fan, Y.H. *see* Wang, J.L. 5175
Fan, Z., Pennock, S.R. Analysis of broadside coupled strip inset dielectric guide 4194
Fan, Z., Pennock, S.R. Propagation characteristics of ferrite loaded inset dielectric guide 21369
Fan, Z.F. *see* Lin, M.E. 34693
Fan, Z.F. *see* Lin, M.E. 34811
Fan Changcheng *see* Jiang Xin 20691
Fan Chonglun *see* Chonglun Fan
Fan Ding-Yuan *see* Ding-Yuan Fan
Fan Hongbo *see* Hongbo Fan
Fan Jiao *see* Jiao Fan
Fan Jikang *see* Li Shijie 21037
Fan Kuang-Chao *see* Kuang-Chao Fan
Fan Kuo-Chin *see* Kuo-Chin Fan
Fan Long *see* Ren Diyuan 9984
Fan Lu *see* Lu Fan
Fan Mingtian *see* Mingtian Fan
Fan Mingwu *see* Mingwu Fan
Fan Pin-zhong *see* Pin-zhong Fan
Fan Pinzhong *see* Ouyang Bin 3557
Fan Pinzhong *see* Pinzhong Fan
Fan Ren Sources of hydrogen in III-V device processing 42663
Fan Shi-Ji *see* Shi-Ji Fan
Fan Xingjie *see* Xingjie Fan
Fan Ya-Jun *see* Liu Guo-Zhi 44254
Fan Yongliang *see* Yongliang Fan
Fan Yu-Jian *see* Tang Jian-Zhong 38430
Fan Yuchao *see* Yuchao Fan
Fan Zhengxiu *see* Yuan Lixiang 12291
Fan Zhi-Gang *see* Li Peng-Sheng 46646
Fan Zhibo *see* Zhibo Fan
Fan Zhigang, Li Pengsheng, Zhang Zuo A new method of dynamic rotation rate test 31454
Fan Zhigang *see* Zhang Zuo 31478
Fan Zhigang *see* Zhigang Fan
Fan Zou, Nossek, J.A. An autonomous chaotic cellular neural network and Chua's circuit 1004
Fanbao Meng *see* Meng Fanbao
Fandino, J. *see* Heilbronn, B. 24818
Fanelli, M. *see* Dickson, M.H. 39712
Fang, B.C. *see* Juang, Y.Z. 27726
Fang, B.C. *see* Su, Y.K. 10928
Fang, C.C., Jones, F., Kola, R.R., Celler, G.K., Prasad, V. Stress and microstructure of sputter-deposited thin films: molecular dynamics simulations and experiment 27984
Fang, C.Z. *see* Xie, X.M. 25223
Fang, D., Berkovits, A. Acoustic emission during fatigue of a nickel base superalloy 18381
Fang, D.G. *see* Chen, R.S. 12681
Fang, D.G. *see* Tao, Y.M. 29239
Fang, G., van Tilborg, C.A., Sun, F.W., Honkala, I.S. Some features of binary block codes for correcting asymmetric errors 12847
Fang, H. *see* Letardi, T. 20623
Fang, J. Absorbing boundary treatments in the simulation of wave propagation in microwave integrated-circuits 42227
Fang, J., Atlas, L., Bernard, G. Advantages of cascaded quadratic detectors for analysis of manufacturing sensor data 13361
Fang, J., Ren, J. A locally conformed finite-difference time-domain algorithm of modeling arbitrary shape planar metal strips 4219
Fang, J.X., Schempp, A. Equivalent circuit of a 4-rod RFQ 15521
Fang, L. *see* Yan, S.L. 38476
Fang, M. *see* Drevillon, B. 9741
Fang, M.T.C., Zhuang, Q., Guo, X.J. Current-zero behaviour of an SF_6 gas-blast arc. II. Turbulent flow 25596
Fang, P. *see* Lin, M.-R. 42694
Fang, P. *see* Rakkhit, R. 42946
Fang, S., McVittie, J.P. Thin oxide defects resulting from plasma induced wafer charging 10908
Fang, S., McVittie, J.P. A mechanism for gate oxide damage in nonuniform plasmas 34788
Fang, S. *see* Yoo, J.S. 20879
Fang, S.-G. *see* Bernhardt, R. 5479
Fang, S.-J. *see* Roy, S. 32455
Fang, S.C. *see* Lifshitz, N. 19645
Fang, S.J. *see* Siri, K. 18478
Fang, T., Morris, S. Limit current surges with +TC resistors 1654
Fang, W., Mokari, M.E. Simulation of high-speed VLSI circuits using overlapped partitioning algorithm 11327
Fang, W. *see* Mokari, M.E. 11300
Fang, W.-C., Shaw, T., Yu, J. VLSI focal-plane array processor for morphological image processing 23723
Fang, X.D. *see* Zhang, Y. 17953
Fang, X.M. *see* Langer, D.W. 9736
Fang, X.Z. *see* Li, H.C. 35261
Fang, Y., Kwor, R.Y. A signal conditioning circuit between a-Si:H p-i-n photodetector and A/D converter 23496
Fang, Y., Kwor, R.Y., Shen, D. Transient photoresponse of a-Si:H p-i-n photodetector: modeling and analysis 23576
Fang, Y. *see* Cha, Y.S. 11522
Fang, Y. *see* Messerle, H.K. 25790
Fang, Y. *see* Wu, X. 4847
Fang, Y.K. *see* Hsieh, J.C. 11198
Fang, Z.-Q., Look, D.C. Excess dark current due to saw damage in semi-insulating GaAs 10665
Fang, Z.-Q. *see* Look, D.C. 42413
Fang, Z.J., Smith, G.M., Forbes, D.V., Coleman, J.J. A corner reflector InGaAs-GaAs strained layer single quantum well coupled laser array 35883
Fang, Z.Q. *see* Polyakov, A.Y. 9533
Fang Bi Xiao *see* Xiao Fang Bi
Fang Chong-Zhi *see* Chong-Zhi Fang
Fang Chuan Ho *see* Rung-Ywan Tsai 3292
Fang Chunming *see* Liu Jun 32304
Fang Dachun *see* Zeng Xiaoyan 12494
Fang Erlun *see* Zhang Ling 21178
Fang Fu-Qi, Dai, J. Eliminating the numerical oscillations in the transient simulations of power systems using novel mathematical models 32259
Fang Huiqin The prospects for the Three Gorges hydro-power plant automation based on the Gezhouba's experience 16703
Fang Jia-Xun *see* Chen Chia-Erh 15520
Fang Jianhua *see* Chen Lingbing 12318
Fang Jiyun *see* Zhou Zhigang 19148

Fang Kui, Liu Jie A method for constructing C^2 interpolation functions over an arbitrary triangle 18062
Fang Lan *see* Shao, K. 33997
Fang Lin De *see* Lin De Fang
Fang Lu *see* Dawei Gong 9531
Fang Ning *see* Ning Fang
Fang Qian, Juntao Lu, Zhongbo Zhou, Chuansin Cha Combined amperometric sensors for simultaneous measurement of carbon dioxide and oxygen 14971
Fang Qiang *see* Qiang Fang
Fang Sung-Chuan *see* Sung-Chuan Fang
Fang Sychyi *see* Sychyi Fang
Fang Wai-Chi *see* Wai-Chi Fang
Fang Wen-Hsien *see* Wen-Hsien Fang
Fang Xiao Ming *see* Xiao Ming Fang
Fang Xiaoming *see* Huang Xingliang 46459
Fang Xuefeng *see* Xuefeng Fang
Fang Yan *see* Yan Fang
Fang Yih *see* Yih Fang
Fang Zheng *see* Zheng Fang
Fang Zhenxian Design of ternary flip-flop and its transformation 33949
Fang Zhihao, Zhu Qiuping, Huang Yinbiao, Yan Heping Theory of two-state systems for 1/f noise in MOSFETs—comparison between pure tunneling model and thermal activation model 19858
Fang Zhiyi Conflict resolution protocols in real-time transaction processing system 45325
Fang Zujie *see* Xie Huanghai 3581
Fang-Jang Kuo *see* Jung-Shyr Wu 5359
Fang-Wei Wang *see* Bao-Gen Shen 2792
Fang-Wei Wang *see* Jifan Hu 35223
Fangdian He *see* He Fangdian
Fanghai Zhao *see* Guotong Du 12247
Fanghai Zhao *see* Zhao Fanghai
Fangmeyer, H. *see* Pretzenbacher, R. 40670
Fangning Liu *see* Liu Fangning
Fangqiao Zhou, Jianhua Hao, Handong Sun, Xingrong Zhao, Zhihong Mai, Xingjian Yi Infrared responses of granular YBCO superconducting films 38500
Fangqiao Zhou, Jianhua Hao, Handong Sun, Xingrong Zhao, Zhihong Mai, Xinjian Yi Infrared response of granular YBCO superconducting films 31231
Fangru Wen *see* Wen Fangru
Fangyin Shao *see* Shao Fangyin
Fangzong Wang *see* Wang Fangzong
Fank, F.B. *see* Crowley, J.D. 27246
Fank, F.B. *see* Crowley, J.D. 42198
Fank, F.B. *see* Crowley, J.D. 42208
Fankhauser, E. *see* Webster, S. 1297
Fann, D.M. *see* Hsiao, J.M. 5918
Fann, J.-Y. *see* Shimakura, Y. 24863
Fann-Mei Yang, Jaw-Gi Peng, Tsung-Shiew Huang, Sheng-Liang Huang, Mao-Chieh Chen Metallization of W/Co-Ti/Si and simultaneous formation of diffusion barrier and shallow $CoSi_2$ contact in normal flowing-nitrogen furnace 2235
Fann-Mei Yang, Mao-Chieh Chen Phase transformation of Mo and W over Co or its alloy in contact with Si 27787
Fanni, A. *see* Costamagna, E. 21357
Fanni, A. *see* Costamagna, E. 29220
Fanni, A. *see* Costamagna, E. 37056
Fannin, P.C., Charles, S.W., Relihan, T. Broadband measurement of the complex susceptibility of magnetic fluids 15175
Fannin, P.C. *see* Cullen, P.J. 22847
Fanning, T. *see* Lee, M.B. 9534
Fanourakis, G.K., Giokaris, N.D., Anderson, D.F., Budagov, J.A., Cihangir, S., Demortier, L., Goulianos, K., Gustafson, H.R., Ivanov, G.A., Kalinin, A.I., Khazins, D.M., Kuritchin, A.A., Lobkowicz, F., Morgan, M., Para, A., Poroshin, N.O., Tokar, S., Volkov, A.D., Zimmerman, J. Recent results on high pressure gas calorimetry 24011
Fanping Sun *see* Chen Liang 20078
Fanping Sun *see* Chen Liang 28325
Fant, G. Some problems in voice source analysis 4500
Fant, K. *see* Ruth, R.D. 46776
Fantacci, M.E. *see* Alfano, B. 15724
Fantacci, M.E. *see* Bandettini, A. 15723
Fantacci, M.E. *see* Bencivelli, W. 31729
Fantacci, R. *see* Del Re, E. 5145
Fantacci, R. *see* Del Re, E. 14546
Fantacci, R. *see* Del Re, E. 22332
Fantacci, R. *see* Del Re, E. 45890
Fantana, N.L., Bohme, H. Dynamical model for electrical aging of a solid dielectric 20035
Fante, M.Dal *see* Dal Fante, M.
Fante, R.L. *see* Barile, E.C. 23187
Fanthom, N.J. *see* Potter, C.M. 31400
Fantin, F. Experimentation on commercial electric vehicles in a working fleet 48214
Fantini, F. *see* De Munari, I. 11310
Fantini, F. *see* Tesauri, M. 3595
Fantini, M.C.A. *see* Velasquez, E.L.Z. 19612
Fanton, J.T. *see* Wu, X.D. 14915
Fantoni, A. *see* Martins, R. 27613
Fantoni, D., Tedesco, G., Cancian, S., Fertino, R. Demonstration application at an Enel power station 39950
Fanucci, R.E. *see* MacDonald, W.M. 33362
Fapojuwo, A.O. Radio capacity of direct sequence code division multiple access mobile radio systems 5758
Faqing Zhou *see* Zhou Faqing
Far-Wen Jih *see* Chung-Yu Wu 31216
Fara, G. *see* Curioni, A. 32644
Faraboschi, P. *see* Antognetti, P. 18653
Faraboschi, P. *see* Antognetti, P. 18944
Faraboschi, P. *see* Costa, A. 1240
Faraboschi, P. *see* Costa, A. 7317
Faraboschi, P. *see* De Gloria, A. 1128
Farach, J.E., Grady, W.M., Arapostathis, A. An optimal procedure for placing sensors and estimating the locations of harmonic sources in power systems 25061
Faraci, F. *see* Bosco, P.G. 37622
Faraci, P. *see* Cantile, M. 34893
Farag, A.A., Cao, Y., Rose, D.M., Delp, E.J. On empirical estimation of the parameters of edge enhancement filters 22175
Farag, A.A., Wang, B. On wavelet image representation and applications in computer vision 5001
Farag, A.A., Yeap, Y.-P. On the effects of the Gibbs-Markov model parameters on MAP region segmentation using dynamic programming 22185
Farag, A.A., Yuen-Pin Yeap, Delp, E.J. Effects of the clique-potentials on maximum a posteriori region segmentation 30029
Farag, A.A. *see* Kadah, Y.M. 7353
Farag, A.A. *see* Rose, D.M. 5057
Farag, A.A. *see* Sahoo, P.K. 22176
Farago, A., Linder, T., Lugosi, G. Fast nearest-neighbor search in dissimilarity spaces 4794
Farah, J. *see* Park, D. 16263
Farah, J. *see* Park, D. 16267
Farahani, M. *see* Roberge, P.R. 25646
Farahi, F. *see* Gauthier, R.R. 31247
Faraj, M.M. *see* Majewski, A. 28464
Faraj, M.M. *see* Majewski, A. 29262
Faraj, Z., Castanie, F. Polynomial phase signal estimation 13432
Faraji-Dana, R., Chow, Y.L., Yang, J.J. Analysis of shielded microstrip structures by a MPIE formulation with the capability of isolating the side walls effects 27132
Faraji-Dana, R. *see* Safavi-Naeini, S. 1379
Faraone, L. *see* Nener, B.D. 23869
Faraone, L. *see* Winton, G.H. 27482
Farazian, K. *see* Wu, T.K. 36382
Farber, J.M. Using technology to achieve ease of use 22409
Farber, V.E. Necessary and sufficient conditions for independence of probability characteristics of amplitude quantization errors from distribution parameters of quantized processes 36473
Farber, V.Ye. A comparative analysis of the forms of quasioptimal filtering algorithms in the case of anomalous and noninformative measurement results 4685
Fardi, H.Z. Characterization of submicrometer GaAs MESFET using drift-diffusion simulator 19900
Fardoun, A.A., Fuchs, E.F., Masoum, M.A.S. Experimental analysis of a DC bucking motor blocking geomagnetically induced currents 47568
Fare, T.L. *see* Bey, P.P., Jr. 11774
Faremo, H., Lillevik, O., Ildstad, E., Tunheim, A. Endurance testing of XLPE cable insulation at extra high AC voltages 16363
Faremo, H. *see* Bruaset, A. 11383
Farenc, J., Mangeret, R., Boulanger, A., Destruel, P., Lescure, M. A fluorescent plastic optical fiber sensor for the detection of corona discharges in high voltage electrical equipment 31265
Farenyuk, A.P. *see* Lesnik, V.A. 32866
Fares, D.A. *see* Nassef, M.A. 10506
Farges, J.-L. *see* Delahaye, D. 39338
Fargues, M.P., Brooks, W.A. Applications of time-frequency and time-scale transforms to ultra-wideband radar transient signal detection 38149
Fargues, M.P., Ferreira, M.P. Adaptive RRQR-based factorization: Improving the algorithm tracking capabilities 21910
Farhadyan, J. *see* Peled, A. 19160
Farhangi, S., Kirchenberger, U., Schroeder, D. Modeling of ZCS multiresonant series-parallel converters using energy concepts 16970
Farhangian, K. *see* Munro-Smith, B. 22560
Farhat, A., Vigouroux, N., Perennou, G. Using Markovian models to organize a multilevel transcription 21703
Farhat, C.J. *see* Maani, G.G. 16892
Farhat, K.S., Williams, N. Microwave holography applications in antenna development 36361
Farhat, K.S., Williams, N., Bennett, J.C. Hybrid techniques in antenna measurements: the semi-compact range 36366
Farhat, N.H. *see* Wen, Z. 20458
Faria, I.F.De, Jr. *see* De Faria, I.F., Jr.
Faria, J.A.Brandao *see* Brandao Faria, J.A.
Faria, R.C., de S. Bulhoes, L.O. A novel synthetic route to Nb_2O_5 thin films for electrochromic devices 43515
Faria, R.N., Yin, X.J., Abell, J.S., Harris, I.R. Microstructural and magnetic studies of Pr-Fe-B-Cu HD sintered magnets 35216
Faria-E-Maia, F. *see* Drutman, C. 29193
Farias, R.H.A. *see* Wisnivesky, D. 15514
Faried, S.O. *see* El-Serafi, A.M. 40114
Farina, A., Lombardo, P. Modelling of a mixture of K-distributed and Gaussian clutter for coherent radar detection 46065
Farina, A. *see* Barbarossa, S. 46038
Farina, A. *see* Timmoneri, L. 46088
Farina, D.J. *see* Flam, R.P. 36202
Farina, F. *see* Chiaraluce, F. 29251
Farina, G. *see* Bottauscio, O. 19183
Farina, M. *see* Rozzi, T. 27224
Farina, P. *see* Carpita, M. 16989
Farinas, A.D., Gustafson, E.K., Byer, R.L. Design and characterization of a 5.5-W, cw, injection-locked, fiber-coupled, laser-diode-pumped Nd:YAG miniature-slab laser 28768
Farine, B. *see* Gotman, J. 31915
Farini, A., Fuga, F., Manigrasso, R., Superti Furga, G. The aims and the control structure of the Italian poly-current Pendolino 8952
Farini, A. *see* Bogliani, P. 48356
Farish, O. *see* Al-Najmawi, J.S. 35124
Farish, O. *see* Sellars, A.G. 43164
Farish, O. *see* Turnbull, S.M. 17106
Farkas, A.M., Eden, J.G. Pulsed dye amplification and frequency doubling of single longitudinal mode semiconductor lasers 43849
Farkas, G., Toth, C. High current density small divergence electron beam production by laser-induced various-order multiphoton photoeffect 10610
Farkas, G., Toth, C., Kohazi-Kis, A. Above-threshold multiphoton photoelectric effect of a gold surface 10611
Farkas, J., Kodas, T.T., Hampden-Smith, M.J. FTIR studies of silica surface passivation and subsequent adsorption/desorption behavior of copper metalorganic precursors 34795
Farkas, J. *see* Jain, A. 19653
Farkas, J. *see* Jain, A. 34796
Farkas, P., Juling, W. Five new best [27,10,9] codes 44670
Farkas, Z.D. *see* Kroll, N.M. 15668
Farkash, S., Raz, S. The legality problem of linear systems in Gabor time-frequency space 29592
Farkh, M. *see* Malec, D. 28297
Farley, C. *see* Kuan, C.H. 23636
Farley, C.W. *see* Choi, K.K. 2472
Farley, C.W. *see* Kuan, C.H. 20532
Farley, C.W. *see* Pedrotti, K.D. 43673
Farley, C.W. *see* Seabury, C.W. 27207
Farley, F. *see* Mandrillon, P. 6909
Farley, J.F., Varhol, P.D. Visualizing data in real time 14870
Farmer, F.R., Morningstar, C., Crockford, D. From Habitat to global cyberspace 45512
Farmer, J.W. *see* Itoh, K.M. 19322
Farmer, K.R., Lundgren, P., Andersson, M.O., Engstrom, O. Injection-related damage in metal-oxide-silicon tunnel diodes 19735
Farmer, K.R. *see* Lundgren, P. 2413
Farmer, R. First V84.3 to Met Ed for joint 'B.O.T,' demo project [gas turbine generator set] 16678
Farmer, R. Reheat GTs boost 250 and 365-MW combined cycle efficiency to 58% 47766
Farmwald, M. *see* Slater, M. 26957
Farn, M.W., Stern, M.B., Veldkamp, W.B., Medeiros, S.S. Color separation by use of binary optics 3121
Farnworth, R. *see* Last, D. 46140
Farooq, M. *see* Quach, T. 16096
Farooque, M. *see* Barot, D.T. 8257
Farouki, R.T. *see* Sakkalis, T. 463
Farquharson, A. Facsimile quality of service and testing 22496
Farquharson, A.A. *see* Gaved, T.J. 22497
Farr, E.G. *see* Baum, C.E. 46084
Farr, L.B. Synchronous motor field controllers and their application 40679
Farr, R.J. *see* West, R.J. 39501
Farrag, S.M. New approach for planning primary distribution networks 24904
Farrall, G.A. Electrical breakdown in vacuum interrupters 8700
Farrall, P.D. *see* Szabo, A. 42718
Farrall, S. The development and validation of powertrain models for use in the design of high level hybrid vehicle powertrain controllers 48263
Farrar, H.D., Hiorns, R.E. Development of a commercial digital amplifier 18839
Farrar, L.C. *see* Pian, C.C.P. 25344
Farrar, N. *see* Hua-Yu Liu 2266
Farrar, T.M. Optimal use of an extra server in a two station tandem queueing network 477
Farrell, B. *see* Gunning, J. 40956
Farrell, F.C. Updating breakers 40356
Farrell, G., Phelan, P., Hegarty, J. Opto-electronic variable frequency pulse generation 35799
Farrell, J. Meaning and credibility in cheap-talk games 481
Farrell, J. *see* Khan, S. 8717
Farrell, J.L. System integration: performance doesn't measure-up 24383

Farrell, K.R., Mammone, R.J., Assaleh, K.T. Speaker recognition using neural networks and conventional classifiers 36624
Farrell, P.G. *see* Buttigieg, V. 4418
Farrell, P.G. *see* Eiguren, J. 4414
Farrell, P.G. *see* Lopez, F.J. 21605
Farrell, P.G. *see* Lopez, F.J. 44733
Farrell, P.G. *see* Obi, J. 6246
Farrell, P.G. *see* Peng, X.-H. 4424
Farrell, T. *see* Armstrong, J.V. 42739
Farrens, S.N. *see* Desmond, C.A. 19591
Farrer, S.W., Cheng, J., Malloy, K.J., McInerney, J.G., Naqvi, S.S.H. Numerical modeling of a novel TDM digital optical fiber communication link 30786
Farries, M.C., Carter, A.C., Reid, T.J. High power semiconductor lasers for lidar and sensing applications 43860
Farrimond, M.D. GSM: a business perspective 37851
Farrington, D.C.F. *see* Bouchard, J.G. 46696
Farrington, R., Jovanovic, M.M., Lee, F.C. Design oriented analysis of reactive power in resonant converters 40312
Farrington, R., Jovanovic, M.M., Lee, F.C. A new family of isolated converters that uses the magnetizing inductance of the transformer to achieve zero-voltage switching 40320
Farris, E.H. *see* Hunter, T.A. 16605
Farris, R.J., Goldfarb, J.L. A calorimetric evaluation of peel adhesion 33786
Farris, R.J. *see* Taylor, J.F. 11004
Farris, R.J. *see* Taylor, J.F. 11005
Farrokhi, D. *see* Togneri, R. 4568
Farrow, R.C., Liddle, J.A., Berger, S.D., Huggins, H.A., Kraus, J.S., Camarda, R.M., Tarascon, R.G., Jurgensen, C.W., Kola, R.R., Fetter, L. Marks for alignment and registration in projection electron lithography 27894
Farrow, R.C. *see* Berger, S.D. 27903
Farrow, R.F.C., Harp, G.R., Marks, R.F., Rabedeau, T.A., Toney, M.F., Weller, D., Parkin, S.S.P. Epitaxial growth of Pt on basal-plane sapphire: a seed film for artificially layered magnetic metal structures 9525
Farrow, R.L. *see* Danehy, P.M. 12342
Farrow, W.D. Dry vacuum pumps used in CVD nitride applications 9766
Farruggia, A. Control and protection with ultrasound sensors 16040
Farrugia, S., Yee, H., Nickolls, P. Modular connectionist architectures for multi-patient ECG recognition 15925
Farrugia, S. *see* Huang, K. 24806
Farsaie, A. *see* Tarr, T.F. 6160
Farserotu, J. Code-aided carrier recovery and synchronization for TCM 36493
Farthouat, Ph. *see* Beer, A. 31662
Farthouat, Ph. *see* Dufey, J.-P. 38940
Faruque, S. Cellular control-channel capacity 37842
Faruqui, A. *see* Wikler, G. 25854
Farvacque, L. *see* Lieuvin, M. 15526
Farvardin, N. *see* Laroia, R. 21586
Farvardin, N. *see* Phamdo, N. 44938
Farvardin, N. *see* Salillas, J. 13804
Farwell, M.L. *see* Schaffner, J.H. 46000
Fasano, P. *see* Debernardi, P. 42464
Fasching, F., Tuppa, W., Selberherr, S. VISTA—the data level 26623
Fasching, M., Hauser, H. Measurement of small angles between electromagnetic waves for refraction studies 15225
Fasching, R. *see* Urban, G. 46525
Faschingbauer, U. *see* Baur, R. 46897
Faschinger, W. Atomic layer epitaxy of II-VI quantum wells and superlattices 18183
Faschinger, W. *see* Abramof, E. 41259
Fasol, G., Sakaki, H. Prediction of spin-polarization effects in quantum wire transport 42479
Fass, D., Cercone, N. Research in natural language processing at Simon Fraser University 4522
Fass, R., Hugel, R., Wellssow, W.H. Computer support for data gathering an evaluation of the VDEW disturbance statistics 47412
Fassett, D. *see* VanGorden, S. 6575
Fassina, P., Capra, M., Zanotti, M., Luzzatto, C., Mao, C. Preparation of ceramic materials and elements for super-hot MHD electrodes 25800
Fassler, H., Hofmann, T. New engineering, documentation and service system for power station operation 25098
Fassouliotis, D. *see* Adam, W. 46929
Fastykovsky, P.P. Deformation sensitivity mechanisms of molybdenum-silicon Schottky diodes 2416
Fateev, A.Yu. *see* Amelin, A.I. 7287
Fatehi, F. *see* Smith, J.R. 24720
Fatehpuria, K.K., Brannen, W.F., Kasperski, E. Two-tiered combustion turbine pedestal requires a step up in analysis 32728
Fatemi, E., Odeh, F. Upwind finite difference solution of Boltzmann equation applied to electron transport in semiconductor devices 2401
Fatemi, M., Arad, M.A. A novel imaging system based on nondiffracting X waves 16054
Fatemi, M., Tadayon, B., Dietrich, H.B., Tadayon, S. Defect model and growth characteristics of low temperature GaAs 741
Fatemi, M. *see* Hendershot, D.G. 9746
Fatemi, M. *see* Kyono, C.S. 34562
Fatemi, M. *see* Tadayon, B. 1853
Fatemi, N.S., Weizer, V.G. The achievement of near-theoretical-minimum contact resistance to InP 19434
Fatemi, N.S. *see* Landis, G.A. 19551
Fath, P., Willeke, G. Polycrystalline silicon wafer engineering for photovoltaic applications 19614
Fath, P. *see* Willeke, G. 40473
Fathauer, R.W. *see* Bell, L.D. 1919
Fathauer, R.W. *see* George, T. 10705
Fathy, A., Kalokitis, D., Pendrick, V., Balohoubek, E., Pique, A., Mathur, M. Superconducting narrow band pass filters for advanced multiplexers 1482
Fathy, A. *see* Harshavardhan, K.S. 20170
Fathy, A. *see* Harshavardhan, K.S. 43340
Fatic, V.M. Applications of approximate Lagrangians to linear dissipative nonreciprocal circuits. IV. Sufficient conditions for equivalence of L_c and L_r 9920
Fatic, V.M. Method of approximate Lagrangians for direct variational solutions of nonconservative, nonreciprocal and nonlinear circuit problems 18452
Fatic, V.M., Moore, M.D. Applications of approximate Lagrangians to linear dissipative nonreciprocal circuit. III. Reverse-time Lagrangian 18440
Fatin, Yu.L. *see* Baiborodin, Yu.V. 15050
Fatmi, H.A. *see* Khan, H.U. 13482
Fatmi, H.A. *see* Khan, H.U. 36500
Fatt Yoon Soon *see* Soon Fatt Yoon
Fattah, A. *see* Dahlen, A. 33586
Fattaruso, J.W., Kiriaki, S., De Wit, M., Warwar, G. Self-calibration techniques for a second-order multibit sigma-delta modulator 42004
Fattaruso, J.W., Kiriaki, S., Warwar, G., de Wit, M. Self-calibration techniques for a second-order multibit sigma-delta modulator 33934
Fattorini, L. *see* Capitanio, L. 39065
Fattouche, M., Olasz, E.B., Scott, K.E., Zaghloul, H. Modified simulation of the urban radio propagation radio channel (SURP) 4107
Fattouche, M., Zaghloul, H. A new equalizer for wideband OFDM over a frequency-selective fading channel 13853
Fattouche, M., Zaghloul, H. Estimation of the phase differential over fading channels 36700
Fattouche, M. *see* Gibbard, M.R. 37716
Fatyanov, O.V., Ostashev, V.E., Lopyrev, A.N., Ulyanov, A.V. Electromagnetic railgun configurations 29117
Fatyga, M. The performance of the liquid argon electromagnetic calorimeters in DØ. Electron and photon identification in DØ 31703
Fau, C. *see* Obadi, A. 9566
Fauchais, P. *see* Vardelle, M. 33745
Faucher, J., Xhuvani, A.P., Anvari, H.A., De Lara, S. Identification of machine parameters in converter-fed synchronous motor drive systems 17467
Faucher, J. *see* Maussion, P. 17076
Faucher, M. *see* Chen, B. 20026
Fauchet, P.M. *see* Gong, T. 19346
Fauchet, P.M. *see* Pang, C. 34686
Fauchet, P.M., Tsai, C.C., Canham, L.T., Shimizu, I., Aoyagi, Y. *(editors)* Microcrystalline Semiconductors: Materials Science and Devices Symposium 17665
Faucon, G. *see* Le Bouquin, R. 21871
Faudree, R.J. *see* Burr, S.A. 26290
Faugeras, O.D. *see* Seales, W.B. 30046
Faugier, A. *see* Bailey, R. 15273
Faulkner, A., Walliker, J.R., Howard, I.S., Ball, V., Fourcin, A.J. New developments in speech pattern element hearing aids for the profoundly deaf 24360
Faulkner, D., Stern, J., Frost, P., Cook, A. Passive optical networks—deployment and evolutionary potential 37646
Faulkner, D.W. *see* Ablitt, D.J. 5418
Faulkner, D.W. *see* Ablitt, D.J. 5625
Faulkner, D.W. *see* Senior, J.M. 23041
Faulkner, D.W. *see* Smith, P.J. 30739
Faulkner, G.E., Elston, S.J. Transient effects in cw laser induced reorientation of nematic liquid crystals 35971
Faulkner, H. *see* Whittington, G. 30867
Faulkner, H. *see* Whittington, G. 30887
Faulkner, J.A. *see* Gipprich, J.W. 1610
Faulkner, K., Law, J. Methods of scoring mammographic phantom films 15794
Faulkner, K. *see* Law, J. 15793
Faulkner, K. *see* Marshall, N.W. 15801
Faulkner, T.R. *see* Phoenix, R.G. 24274
Faulkner, W. *see* Vince, R. 25072
Fauquembergue, P., Clement, M., Saint Pe, J., Tache, O., le Baron, T. Expert systems as new operating aids for power distribution systems, two examples of development 24917
Fauquembergue, P. *see* Perrot, L. 32241
Faure, H. Multidimensional quasi-Monte-Carlo methods 26284
Faure, J., Claverie, A., Laanab, L., Bonhomme, P. Recrystallization of boron-doped and undoped preamorphized silicon layers by rapid and conventional thermal annealing 27617
Faure, J.M. *see* Zhou, Y. 46511
Faure, P., Cathignol, D., Chapelon, J.Y., Newhouse, V.L. On the pressure field of a transducer in the form of a curved strip 39420
Faure, P. *see* Courtois, L. 6931
Faure, P. *see* Newhouse, V.L. 47307
Faure, T.B. *see* Muller, K.P. 27901
Faurie, J.P. *see* Wijewarnasuriya, P.S. 27483
Fausch, T., Buhler, M., Umlauf, E. Signal rise time of the magnetic bolometer 24005
Fauser, S.N., Ramirez, C.J., Cartwright, L. FEM simulation and experimental evaluation of plated through hole reliability in printed circuit boards which utilize direct power/ground plane interconnection 1711
Faust, H.R. *see* Fioni, G. 7286
Faust, M., Gobbi, A., Tomassini, G. Motor starting without restriction on restarting 8307
Faust, M., Gobbi, A., Tomassini, G. Motor starters without clamping when resetting 16829
Faust, W.P. *see* Iversen, P.O. 44590
Fauteux, D., Barnett, B. Recent progress in solid polymer electrolyte technologies 17196
Fautheree, D. *see* Grandhi, R.V. 24384
Faux, D.A., Howells, S.G., Bangert, U., Harvey, A.J. Strain relaxation in strained buried heterostructure lasers 35826
Faux, D.A. *see* Bangert, U. 43870
Favalli, M., Dalpasso, M., Olivo, P., Ricco, B. Analysis of steady state detection of resistive bridging faults in BiCMOS digital ICs 2689
Favalli, M., Dalpasso, M., Olivo, P., Ricco, B. Analysis of resistive bridging fault detection in BiCMOS digital ICs 33947
Favalli, M. *see* Dalpasso, M. 2663
Favalli, M. *see* Dalpasso, M. 18555
Favalli, M. *see* Metra, C. 11312
Favari, A. *see* Fabrisd, R. 15561
Favaro, H. *see* Boucheret, M.-L. 21494
Favaron, P. *see* Fortuna, G. 6906
Favennec, J.F. *see* Tanne, G. 1445
Favennec, P.N., L'Haridon, H., Moutonnet, D., Salvi, M., Gauneau, M. Optical activation of ion implanted rare-earths 10845
Favia, P. *see* d'Agostino, R. 41452
Favier, G. *see* Cassassolles, E. 29644
Favier, G. *see* Settineri, R. 4692
Favoretto, M., Swart, J.W. An optimization study of thermal stability of W/GaAs Schottky gates 27784
Favre, B. *see* Chiollaz, M. 8142
Favre, E., Cardoletti, L., Jufer, M. Permanent-magnet synchronous motors: a comprehensive approach to cogging torque suppression 47850
Favre, E., Hatefi, K. Phase number effect on the sensitivity to manufacturing tolerances 40129
Favre, E., Jufer, M., Fleury, C. Five-phase permanent magnet synchronous motor 40130
Favre, F. *see* Georges, T. 3764
Favre, M. *see* Chuaqui, H. 12449
Favreau, C.R., Mullee, G.R., York, B.R. Improving maintenance effectiveness at the Tennessee Valley Authority (TVA) nuclear power plants 39748
Favreau, J.-P. *see* Cavalli, A.R. 30225
Favrie, C., Charles, F. MV cables with improved fire behaviour 16364
Favrie, E. *see* Argaut, P. 16353
Faw, R.E. *see* Chen, M.F. 32002
Fawcett, A.H., Phillips, C.C., May, P.G. Direct measurement of hot electron energy distributions in $Al_{0.35}Ga_{0.65}As$ field-assisted photocathodes 19336
Fawcett, B.K. Panorama on tools for FPGA 10099
Fawcett, B.K. An overview of FPGA tools 26832
Fawcett, G., Johnstone, W., Andonovic, I. Fibre optic intensity modulator using multi-mode electro-optic polymeric overlay 3040
Fawcett, G. *see* Johnstone, W. 5962
Fawcett, J.A. Synthetic aperture processing for a towed array and a moving source 14729
Fawcett, J.A., Maranda, B.H. A hybrid target motion analysis/matched-field processing localization method 6157
Fawcett, J.A. *see* Maranda, B.H. 6159
Fawcett, J.A. *see* Maranda, B.H. 44882
Fawcett, P.N., Wieder, H.H., Kordos, P., Marso, M., Wilmsen, C.W. Surface properties 19348
Fawcett, P.N. *see* Joyce, B.A. 33615
Fawcett, W. *see* Dawson, J.F. 36245
Fawley, W.M., Laslett, L.J., Celata, C.M., Faltens, A., Haber, I. Simulation studies of space-charge-dominated beam transport in large-aperture ratio quadrupoles 31563
Fawley, W.M. *see* Celata, C.M. 31562
Fay, B., Lewin, P.A., Ludwig, G., Sessler, G.M., Yang, G. The effect of polarization gradient on the frequency response of PVDF polymer transducers 16052
Fay, B., Morishita, Y., Muta, K., Matsuura, H. Erbium doped fiber amplifier at 1.55 μm 20692
Fay, B., Reimann, H.-P. Reciprocity calibration of ultrasonic contact transducers 33792
Fay, D.A. *see* Waxman, A.M. 7684
Fay, D.Q.M. *see* Montiel, J.A. 41557
Faye, C. *see* Viala, M. 45171
Faye, M.M., Laanab, L., Beauvillain, J., Claverie, A., Vieu, C., Benassayag, G. Two-dimensional damage distributions induced by localized ion implantations 10862

Faye, M.M., Vieu, C., Laanab, L., Beauvillain, J., Claverie, A. Simulation of lateral Al recoil atoms and damage defects gradients in a GaAs/GaAlAs quantum well created by masked ion implantation 10856
Fayer, M.D. *see* Tokmakoff, A. 3858
Fayette, D.F., Speicher, P., Stoklosa, M., Evans, J., Evans, J., Gentile, M., Hakim, E. Reliability Technology to Achieve Insertion of Advanced Packaging (RELTECH) Program 9269
Fayeulle, S. *see* Berroung, A. 2733
Fayn, J., Hamidi, S., Maison-Blanche, P., Bozza, F., Rubel, P., Coumel, P. Quantitative assessment of changes in the repolarization phase in Holter recordings using CAVIAR 15884
Fayn, J., Rubel, P., Willems, J.L. Management of serial ECGs and control strategies for the comparison process 39079
Fayn, J. *see* Rubel, P. 15859
Faynberg, V. *see* Jiang, J.C. 31192
Faynot, O. *see* Balestra, F. 35008
Fayolle, G., Malyshev, V.A., Menshikov, M.V., Sidorenko, A.F. Lyapounov functions for Jackson networks 13873
Fays, M.de *see* de Fays, M.
Fazal, R. *see* Motte, R.H. 38184
Fazan, P. *see* Batra, S. 18720
Fazan, P.C. *see* Maddox, R.L. 19987
Fazan, P.C. *see* Mathews, V.K. 10965
Fazan, P.C. *see* Mathews, V.K. 19575
Fazan, P.C. *see* Mathews, V.K. 41467
Fazarinc, Z. Second-order effects in junction bipolar transistors 11168
Fazarinc, Z. Relativistic foundation of electric current — a model for transmission lines 40832
Fazekas, K., Csillag, P. Comparative analysis and simulation of image signal decomposition techniques 13808
Fazel, K., Ruf, M.J. A three level hierarchical HDTV broadcasting system 38274
Fazio, E. *see* Andriesh, A. 3796
Fazio, M.V., Haynes, W.B., Carlsten, B.E., Faehl, R.J., Kwan, T.J.T., Stringfield, R.M., Wasierski, R.F. Experimental progress on a one microsecond, one kilojoule per pulse, L-band relativistic klystron 19303
Fazio, M.V. *see* Kato, K.G. 19304
Fazlollahi, A.H. *see* Javidi, B. 3214
Fazlollahi, A.H. *see* Javidi, B. 36964
Fazzio, D.P., Moser, M.A., Polson, C.J., Scheffel, J.N. Head actuator dynamics of an IBM 5¼-inch disk drive 11481
Fearheiley, M.L., Kanis, M., Diesner, K., Fiechter, S. The effect of the sulfur pressure on the growth of $CuInS_2$ single crystals by the gradient freeze technique 642
Fearheiley, M.L. *see* Scheer, R. 17401
Fearing, R.S. *see* Berkemeier, M.D. 23513
Fearn, L.A., Bartoo, M.L., Myers, J.A., Pollack, G.H. An optical fiber transducer for single myofibril force measurement 31889
Fearon, P., Caldwell, B. Using a statistical experimental design to optimize a phosphorus deposition process in a high volume production facility 798
Feather, F., Siewiorek, D., Maxion, R. Fault detection in an Ethernet network using anomaly signature matching 30388
Feather, M. *see* Braun, C. 24563
Feautrier, P. *see* Beaudin, G. 23251
Febel, A. *see* Balewski, K. 46775
Febvre, P., McGrath, W.R., Batelaan, P., LeDuc, H.G., Bumble, B., Frerking, M.A., Hernichel, J. A 547 GHz SIS receiver employing a submicron Nb junction with an integrated matching circuit 6168
Febvre, P. *see* Beaudin, G. 23251
Febvre, P. *see* Salez, M. 46148
Fechan, A. *see* Mikityuk, Z. 43376
Fechner, M. Watchdog with RC oscillator in the FPGA 18606
Fechner, R. *see* Moore, D.R. 35343
Fechner, T. Nonlinear noise filtering with neural networks: comparison with Weiner optimal filtering 13472
Fecho, T.R., Lockwood, S.P., Sachdeva, M.K., Wang, B.B. AEP's Kanawha river 345 kV series capacitors installation—planning and operating considerations 32375
Fechser, D.A. ASIC prototype debugging tips 28238
Fechtel, S.A., Meyr, H. An investigation of near-optimal receiver structures using the M-algorithm for equalization of dispersive fading channels 22780
Fechtel, S.A., Meyr, H. A new mobile digital radio transceiver concept using low-complexity combined equalization/trellis decoding and a near-optimal receiver sync strategy 37805
Fechter, F., Ricken, C. Signal processing for a digital HDTV chromakey mixer 46217
Fechter, F. *see* Kauff, P. 31057
Fedak, V. *see* Kosc, P. 17427
Fedak, V. *see* Kosc, P. 25462
Fedaoui, L., Gay, V., Horlait, E. QoS management of ODP-based distributed multimedia applications 14121
Fedders, H. *see* Riensche, E. 16736
Feddrix, F., Bae, I.T., Yeager, E., Tripkovic, A., Adzic, R. Kinetic and mechanistic studies of Methanol Oxidation on Single crystal platinum electrode surfaces [fuel cells] 17297
Fedele, R. *see* Bartalucci, S. 7054
Fedenev, A.V. *see* Abdullin, E.N. 3429
Feder, D.O., Hlavac, M.J., Koster, W. Evaluating the state-of-health of flooded and valve-regulated lead/acid batteries. A comparison of conductance testing with traditional methods 17228
Feder, D.O., Hlavac, M.J., McShane, S.J. Updated status of conductance/capacity correlation studies to determine the state-of-health of automotive and stand-by lead/acid batteries 40418
Feder, D.O. *see* Hlavac, M.J. 32995
Feder, K. *see* Tennant, D.M. 28851
Feder, M., Merhav, N. Relations between entropy and error probability 44720
Feder, M. *see* Merhav, N. 21466
Feder, M. *see* Weinstein, E. 44828
Feder, M. *see* Zamir, R. 36462
Federici, G. *see* Compagnone, D. 6616
Federici, J. *see* Delavaux, J.-M.P. 3518
Federmann, F. *see* Larsson, C.U.S. 31806
Federspiel, F. *see* Anderson, G. 38901
Fedichkin, L.E., Ryzhii, V.I., V'yurkov, V.V. A novel tunable infrared detector based on a quantum ballistic channel 15022
Fedii, V.S. Determination of initial voltage of a capacitor with a uniform relationship of output-voltage periods, and the control of a single-phase rectifier-capacitor source of reactive power 32910
Fedirchuk, D. *see* McLaren, P.G. 32493
Fedirchuk, D.J. *see* Sultan, A.F. 47546
Fedjakin, N. *see* Denisov, S. 31708
Fedorec, V.N. *see* Pozhela, J. 43240
Fedorenko, A.G. *see* Ivanov, A.G. 47676
Fedorenko, L.L. *see* Svechnikov, S.V. 42553
Fedorenko, V.V. A complex estimate of the deviations of the frequency characteristics of linear systems 29669
Fedorishin, V.V. *see* Prikhod'ko, V.N. 9860
Fedorishin, V.V. *see* Prikhod'ko, V.N. 41525
Fedorov, A.A. *see* Kachanov, V.A. 7163
Fedorov, D.A. *see* Bykov, V.L. 14539
Fedorov, E.A. *see* Kaminskii, A.A. 28785
Fedorov, L.M. *see* Berkeliev, A. 38498
Fedorov, L.M. *see* Evstropov, V.V. 10717
Fedorov, L.M. *see* Kanskaya, L.M. 38486
Fedorov, L.M. *see* Zhilyaev, Yu.V. 1896
Fedorov, L.M. *see* Zhilyaev, Yu.V. 9554
Fedorov, L.M. *see* Zhilyaev, Yu.V. 38497
Fedorov, S.V., Yur'ev, M.S. Fine-scale thermal self-action of the laser radiation in pulsed excimer lasers 12363
Fedorov, V.A. *see* Eremin, A.G. 24439
Fedorov, V.B. Analysis of Pistol'kors' device in the case of an arbitrary channel frequency characteristic 10001
Fedorov, V.B. *see* Burtsev, V.A. 11579
Fedorov, V.V. *see* Basiev, T.T. 43807
Fedorov, Yu.F. *see* Daurtsev, I.A. 14612
Fedorov, Yu.V. *see* Mokerov, V.G. 42652
Fedoseev, V.G. Diffraction limitation on the spatial information density in a volume optical storage. I. Method of calculation 28436
Fedoseev, V.G. Diffraction limitation on the spatial information density in a volume optical storage. 2. Recording and readout with Gaussian light beams 28437
Fedotov, A.A. *see* Alekseev, I.N. 46922
Fedotov, A.P. *see* Bylinsky, Yu.V. 7009
Fedotov, A.Yu. *see* Tereshin, O.N. 29392
Fedotov, V. *see* Agafonov, A. 46721
Fedotov, Yu.S. *see* Asseev, A.A. 15399
Fedotov, Yu.S. *see* Asseev, A.A. 15403
Fedotov, Yu.S. *see* Chirkov, P.N. 7042
Fedotova, N.V. *see* Beim, R.S. 24644
Fedotova, O.M. *see* Khasanov, O.K. 11567
Fedrizzi, L. *see* Pavesi, L. 28658
Fedrizzi, M. *see* Pavesi, L. 28658
Fedyaev, A.V., Izmailov, L.D., Il'kevich, Z.A., Fedyaeva, O.N. Major trends in the expansion of heat supply systems in Siberia 16646
Fedyaev, V.E. *see* Rynkov, A.E. 44369
Fedyaeva, O.N. *see* Fedyaev, A.V. 16646
Fedyakin, N.N. *see* Gilitskii, Yu.V. 46921
Fedynyshyn, T.H., Cronin, M.F., Thackeray, J.W. Film life enhancement of chemically amplified electron beam resists 2312
Fedynyshyn, T.H., Szmanda, C.R., Blacksmith, R.F., Houck, W.E. The relationship between resist performance and diffusion in chemically amplified resist systems 11046
Fedynyshyn, T.H., Szmanda, C.R., Blacksmith, R.F., Houck, W.E., Root, J.C. Relationship between resist performance and reaction order in a chemically amplified resist system 27960
Fedynyshyn, T.H., Thackery, J.W., Mori, J.M. The effect of diffusion, reaction order, and developer selectivity on the performance of positive DUV resists 28045
Fedynyshyn, T.H. *see* Thackeray, J.W. 27970
Feehrer, H. *see* Main, T. 43585
Feehrer, J.R. *see* Main, P.T. 28558
Feeney, J. *see* Chen, T. 13899
Feeney, J.J. *see* Solinsky, J.C. 44929
Feenstra, R.M., Collins, D.A., Ting, D.Z.-Y., Wang, M.W., McGill, T.C. Interface roughness and asymmetry in InAs/GaSb superlattices studied by scanning tunneling microscopy 42538
Feero, W.E., Dietrich, F.M. Waveform capture for complex magnetic field environments 38652
Feeser, T. *see* Lach, E. 28877
Fefelov, A.P., Kharkovsky, A.V., Khomenko, S.I. High contrast optical switch-attenuator 3192
Fefer, D. *see* Kranjec, P. 41645
Fefer, D. *see* Rape, R. 41646
Fegerl, J. *see* Loschner, H. 27920
Feher, B. Resonator based digital filters using field programmable gate array elements 18887
Feher, K. A comparison between coherent and noncoherent mobile systems in large Doppler shift, delay spread and C/I environment 36478
Feher, K. *see* Chia-Liang Liu 22835
Feher, K. *see* Kubota, S. 37773
Feher, K. *see* Sampei, S. 14470
Fehling, M.R. *see* Johnson, E.R. 32767
Fehr, G. Timing-per-pin flexibility at shared-resource cost 6327
Fehr, R.R. *see* Nayar, C.V. 32851
Fehringer, H.M. *see* Rodenauer, F.G. 15587
Fei Bin *see* Tang Jian-Zhong 38430
Fei Guifu *see* Sun Xiqing 25476
Fei Guifu *see* Sun Xiqing 27335
Fei Haosheng *see* Haosheng Fei
Fei Jing-Gao A class of numerical algorithms for the problem of a differential algebraic system 41178
Fei Zengyao *see* Xie Dexin 3990
Fei-Chin Chen *see* Soo-Chang Pei 45081
Fei-Chin Chen *see* Soo-Chang Pei 45086
Fei-Mei Chou *see* Libby, V. 6110
Feichtinger, H.G., Christensen, O. New efficient methods for Gabor analysis 29719
Feige, U. *see* Dwork, C. 21536
Feigelson, R.S. *see* Bhar, G.C. 12373
Feigelson, R.S. *see* Bhar, G.C. 29018
Feigelson, R.S. *see* Gordon, L. 12349
Feigelson, R.S. *see* Pong, C. 757
Feigenbaum, H. *see* Dagianti, A. *(editor)* 86
Feigenbaum, J., Ostrovsky, R. A note on one-prover, instance-hiding zero-knowledge proof systems 12886
Feighan, P., Dagnino, A., Chrystall, K., Wojcik, P. Knowledge-based task planning for the special purpose dextrous manipulator 47158
Feihl, F. *see* Karrakchou, M. 24157
Feijoo, R. *see* Castor Gonzalez, G. 26387
Feijoo, S. *see* Fernandez, R. 36930
Feijs, E. *see* van Galen, F. 6258
Feike Xiong *see* Xiong Feike
Feil, A. Recognizing conditions of main spindle bearings 16748
Feil, W.A. *see* Tobin, P.J. 34761
Feilcke, F., Timmert, H.-P., Weyer, H. DC switchgear for RFX fusion experiment 8097
Feiler, W., Gerlach, W. Increasing the blocking capability of high voltage IGBTs by multistep field plates 2545
Feiling Wang, Haertling, G.H. Birefringent bistability in $(Pb,La)(Zr,Ti)O_3$ thin films with a ferroelectric-semiconductor interface 1233
Feilitzsch, F.v. *see* Forster, G. 23528
Feilitzsch, F.v. *see* Frank, M. 24026
Feilitzsch, F.V. *see* Jochum, J. 7297
Feilitzsch, F.v. *see* v. Feilitzsch, F.
Feiming, T. *see* He, H. 15035
Fein, D. *see* Johns, K. 31685
Fein, H. Holographic analysis of near field acoustic displacement patterns of operating sonar transducer arrays 23217
Feinberg, J. *see* Dominic, V. 12329
Feinberg, J. *see* MacCormack, S. 28821
Feinberg, J. *see* Yao, X.S. 6062
Feindt, S., Hajjar, J.-J.J., Lapham, J., Buss, D. XFCB: a high speed complementary bipolar process on bonded SOI 11302
Feiner, L.J. Power-by-wire aircraft secondary power systems 39307
Feiner, S.K. *see* Crutcher, L.A. 14023
Feinerman, A.D. *see* Shoaf, S.E. 27581
Feingold, A., Katz, A. Role of hydrogen in semiconductor, dielectric and metal deposition onto InP by means of rapid thermal low pressure metalorganic chemical vapor deposition 41480
Feingold, A., Katz, A., Pearton, S.J., Chakrabarti, U.K., Jones, K.S. Rapid growth kinetics, mechanical properties and thermal stability of SiO_x thin films grown by rapid thermal low pressure chemical vapor deposition 836
Feingold, A. *see* Katz, A. 9547
Feingold, A. *see* Katz, A. 9710
Feingold, A. *see* Katz, A. 9713
Feingold, A. *see* Katz, A. 18136
Feingold, A. *see* Katz, A. 42788
Feinstein, J. *see* Schmerge, J.F. 44006
Feiock, F.D., White, F.H., Hiddleston, H.R., Campbell, R.D. Ray redistribution optics for high-feedback annular resonators .I. Component design with geometric optics 28903
Feipeng Lu *see* Lu Feipeng
Feistauerova, J., Vajda, I. Testing system entropy and prediction error probability 29404
Feiste, U., As, D.J., Ehrhardt, A. 18 GHz all-optical frequency locking and clock recovery using a self-pulsating two-section DFB-laser 35894
Feiste, U. *see* Ehrhardt, A. 38131

Feiste, U. *see* Sartorius, B. 35821
Feistel, R. *see* Ahnert, W. 14845
Feix, N., Lalande, M., Reineix, A., Jecko, B. Harmonical characterization of a microstrip discontinuity by a time frequency method 12713
Fejer, M.M. *see* Arie, A. 3811
Fejer, M.M. *see* Bortz, M.L. 28957
Fejer, M.M. *see* Gordon, L. 12349
Fejer, M.M. *see* Lodenkamper, R. 12381
Fejes, L., Johannsen, G., Stratz, G. A graphical editor and process visualization system for man-machine interfaces of dynamic systems 25221
Fejes, S. *see* Dekany, A. 22018
Fejfar, A. ABB PBS steam turbines and their use in power plants 32763
Fekadu, A.A., Hines, E.L., Gardner, J.W. Neural tree network based electronic nose 46531
Fekete, A., Lynch, N., Mansour, Y., Spinelli, J. The impossibility of implementing reliable communication in the face of crashes 22627
Fekete, D. *see* Blumina, M. 19539
Fekih-Ahmed, L., Chiang, H.-D. Persistence of the saddle-node bifurcation for nonlinear systems with slow unmodeled dynamics 9925
Felchlin, P. Inmarsat-M — the new digital satellite telephone of Inmarsat 45899
Feld, S.A. *see* Beyette, F.R., Jr. 43684
Feld, S.A. *see* Mitkas, P.A. 20478
Feld, S.A. *see* Mitkas, P.A. 35534
Feld, S.A. *see* Mitkas, P.A. 43567
Fel'd, Ya.N. Theorems and problems of non-steady--state electrodynamic processes 12719
Fel'd, Ya.N. Two-dimensional plane slotted arrays 36423
Fel'd, Ya.N. *see* Benenson, L.S. 44190
Feldbausch, R. *see* Beigang, R. 29008
Felden, O. *see* Eversheim, P.D. 31625
Felder, A., Hauenschild, J., Mahnkopf, R., Rein, H.-M. Static silicon frequency divider for low power consumption (4 mW, 10 GHz) and high-speed (160 mW, 19 GHz) 10250
Felder, A., Stengl, R., Hauenschild, J., Rein, H.-M., Meister, T.F. 25 to 40 Gb/s Si ICs in selective epitaxial bipolar technology 34140
Felder, A. *see* Gronau, G. 10036
Felder, A. *see* Hauenschild, J. 14668
Felder, A. *see* Treitinger, L. 30837
Felder, A. *see* Wieland, J. 35630
Felderhof, B.U. *see* Sieverdes, F. 12390
Felderman, R.E., Kleinrock, L. Two processor time warp analysis: capturing the effects of message queueing and rollback/state saving costs 5213
Feldle, H.P. *see* Banerjee, S.K. 6126
Feldman, B.J. *see* Bowman, S.R. 3492
Feldman, B.J. *see* Bowman, S.R. 20727
Feldman, C.L., Olson, W.H., Hubelbank, M., Kelso, D., Mitchell, R., Bardy, G.H. Holter monitoring continuous telemetry from an ICD for troubleshooting and improved programming 24308
Feldman, D.D. *see* Tseng, C.-Y. 21882
Fel'dman, D.S. *see* Statnikov, R.B. 218
Feldman, D.W. *see* O'Shea, P.G. 12263
Feldman, D.W. *see* O'Shea, P.G. 43968
Feldman, D.W. *see* White, C.J. 28893
Feldman, J.A., Wagner, I.A., Wimer, S. An efficient algorithm for some multirow layout problems 9901
Feldman, L.C. *see* Miller, B. 42658
Feldman, L.C. *see* Moriya, N. 42448
Feldman, L.C. *see* Watson, G.P. 711
Feldman, M. *see* Kiamilev, F. 5671
Feldman, M.R., Morris, J.E., Childers, J., Nakkar, M., Kiamilev, F. Optically interconnected multichip modules using computer generated holograms 28547
Feldman, M.R. *see* Childers, J.E. 3391
Feldman, M.R. *see* Morris, J.E. 3370
Feldman, P.L. *see* Kumar, K.S. 8175
Feldman, S.F., Moore, B.A., Weinberger, D.A., Winful, H.G. Additive pulse mode-locking using a birefringent optical fiber 28899
Feldman, U., Jacobson, N., Bender, W. Quantifying the experience of color 36810
Feldmann, A. *see* Theune, D. 27364
Feldmann, K., Franke, J. Computer-aided planning systems for integrated electronic and mechanical design 251
Feldmann, K., Krug, S., Sturm, J. QM for shaft soldering 40921
Feldmann, P., Director, S.W. Integrated circuit quality optimization using surface integrals 28229
Feldmann, P., Melville, R., Moinian, S. Automatic differentiation in circuit simulation and device modeling 26595
Feldmann, U. *see* Gotz, M. 26658
Feldmeier, D.C. A data labelling technique for high-performance protocol processing and its consequences 30207
Feldt, J. Materials science and technology: an overview of databases online and on CDROM 633
Felgenhauer, R., Haack, A., Streuf, M. Fiber optic distance sensor with POF 6520
Felgenhauer, U. On the stable global convergence of particular quasi-Newton-methods 557
Felgentreff, T. *see* Sattler, S. 1415
Felhauer, T., Baier, P.W., Konig, W., Mohr, W. Optimized wideband system for unbiased mobile radio channel sounding with periodic spread spectrum signals 5792
Felhauer, T. *see* Baier, P.W. 5719
Feliachi, A. *see* Bekhouche, N. 24761
Feliachi, A. *see* Klein, R.L. 24802
Feliachi, M. *see* Mekideche, M.R. 44273
Feliciani, F. *see* Hughes, C.D. 5853
Feliciello, A. *see* Antonelli, A. 24054
Felisky, M. *see* Ramanujan, S. 35767
Felisky, M.K. *see* DeFreez, R.K. 20827
Felisky, M.K. *see* Zhuoyu Bao 35765
Felix, R. *see* Wust, P. 24339
Felix, V.P. Optimal linear quadratic detector for deterministic signals in impulsive noise 4739
Felix, V.P., Pillai, S.P. Passive sonar detection in presence of non Gaussian noise 14727
Felix Wu *see* Shau-Ming Lun 47422
Feliz, G. A new topology for fast, low power op amps 26725
Feliziani, M. *see* Celozzi, S. 44410
Feliziani, M. *see* D'Amore, M. 44399
Fellah, M.K., Aubry, J.F., Wang, P., Zanne, C. Digital synchronization system for the control of self-controlled synchronous machine converters 8539
Fellah, M.K. *see* Wang, P. 8533
Fellmann, H., Steiner, P. Reconstruction and expansion of the Augst power plant 32774
Fellmuth, B. *see* Schuster, G. 46657
Fellows, C.E. *see* Castro, M.P.P. 3437
Fellows, M., Koblitz, N. Kid Krypto 12934
Fellows, M.R., Koblitz, N. Fixed-parameter complexity and cryptography 12848
Felmlee, T., Raghavan, V. A comparative study of MEBES III and CORE 2564 performance in a manufacturing environment 2327
Felsen, L.B. Phase space issues in ultrawide-band/short pulse wave modeling 44314
Felsen, L.B., Carin, L. Wave-orientated processing of scattering data 12594
Felsen, L.B. *see* Borderies, P. 44316
Felsen, L.B. *see* Carin, L. 36170
Felsen, L.B. *see* Bertoni, H.L. *(editor)* 40761
Felser, M. The field bus revolution. From central control to distributed automation 14200
Felsher, P.D. *see* Aksoy, A. 31674
Felstein, S., Lum, J. An air-assisted "airless" conformal coating process 34362
Felsteiner, J. *see* Tartari, A. 39017
Felsvang, K., Gleiser, R., Juip, G., Nielsen, K.K. Control of air toxics by dry FGD systems 8129
Felten, F. *see* Oostra, D.J. 2016
Felten, P., Simon, M. The nuclear activities of Framatome in the Eastern countries 47698
Feltes, J.W. *see* Koessler, R.J. 7720
Felthouse, A. *see* Drake, S. 9877
Feltis, M.W. *see* Elneweihi, A.F. 16441
Feltis, M.W. *see* Schweitzer, E.O., III 32471
Felton, L.E., Raeder, C.H., Knorr, D.B. The properties of tin-bismuth alloy solders 876
Feltus, M.A., Muftuoglu, A.K. Best-estimate coupled RELAP/CONTAIN analysis of inadvertent BWR ADS valve opening transient 32598
Feltus, M.A. *see* Beaumont, E.T. 32597
Feltz, A. *see* Donig, F. 27727
Femminella, A., Garbossa, G. Thermal power plant simulation on transputer 39951
Fen Chen *see* Chen Fen
Fen Chi Lin *see* Okuno, A. 383
Fen Li Tze *see* Tze Fen Li
Fendel, H. *see* Horwitz, A.E. 24173
Fendel, H. *see* Schneider, K. 24171
Fendick, K.W., Rodrigues, M.A. An adaptive framework for dynamic access to bandwidth at high speeds 30380
Fenech, P.F. *see* Srinivas, N. 32820
Feng, B., Mingchang Wang, Zhijiang Wang A novel small-period wiggler and simulations of its free-electron laser 35904
Feng, C., Wang, Y. VLSI technology in China 2621
Feng, C. *see* Salinas, J. 41988
Feng, C.D., Shimizu, Y., Egashira, M. Effect of gas diffusion process on sensing properties of SnO_2 thin film sensors in a SiO_2/SnO_2 layer-built structure fabricated by sol-gel process 23751
Feng, D., Liu, B. Almost perfect nonlinear permutations 36501
Feng, F. *see* De Lameillieure, J. 14803
Feng, G., Li, F. A new echo canceller with the estimation of flat delay 30286
Feng, G.F., Katiyar, M., Yang, Y.H., Abelson, J.R., Maley, N. Microcrystalline silicon by DC magnetron sputtering: growth mechanisms 9784
Feng, G.L., Rao, T.R.N. A class of algebraic geometric codes from curves in high-dimensional projective spaces 12849
Feng, G.L., Rao, T.R.N., Kolluru, M.S. Error correcting codes over $Z_{2(m)}$ for algorithm-based fault tolerance 44686
Feng, G.L. *see* Rao, T.R.N. 21516
Feng, H.H. *see* Yan, S.L. 38476
Feng, J. *see* Singh, C. 16204
Feng, M. *see* Gao, F. 2881
Feng, M. *see* Laskar, J. 5858
Feng, M. *see* Moll, N. 35032
Feng, M. *see* Wang, J.S. 3383
Feng, M.S., Chen, H.D., Wu, C.H. Investigation of carbon incorporation into GaAs by TEGa-AsH_3 based low pressure metalorganic chemical vapor deposition 26419
Feng, M.S., Hsin, Y.M., Wu, C.H. Fabrication/characterization of a pseudomorphic $Ga_{0.1}In_{0.9}P$/InP MESFET 19919
Feng, M.S., Liang, C.W., Tseng, D. Effects of plasma enhanced chemical vapor deposition substrate heating on the electrical properties of α-Si:H thin film transistors 42977
Feng, M.S., Wu, C.C., Lin, K.C., Chan, S.H., Chen, C.Y. Semi-insulating InP grown by MOCVD 715
Feng, R.Q. *see* Jeffers, R.J. 15898
Feng, S. *see* Blank, A. 3582
Feng, S.T. *see* Augustine, B.H. 35524
Feng, W., Liu, J.W.S. An extended imprecise computation model for time-constrained speech processing and generation 4536
Feng, W. *see* He, G. 23696
Feng, W.S. *see* Wang, J.J.H. 11309
Feng, X., Belmans, R., Verdyck, D., Geysen, W. Reluctance motor with a radially-laminated rotor using anisotropic material 8327
Feng, X. *see* Garside, J.J. 25405
Feng, Y. *see* Taylor, R.P. 42781
Feng, Y. *see* Zheng, X. 12308
Feng, Y.H. *see* Katiyar, M. 41418
Feng, Z., He, H., Unbehauen, R. The determination of the generalized frequency response for linear periodically shift-variant digital filters 10315
Feng, Z. *see* Compaan, A. 25701
Feng, Z.C. *see* Ji, W. 44088
Feng, Z.C. *(editor)* Semiconductor interfaces, microstructures and devices: properties and applications 54
Feng Boru *see* Boru Feng
Feng Chao *see* Chao Feng
Feng Chao Xie *see* Shou Xian She 3115
Feng Cheng *see* Kun Pan 46484
Feng Chengshi *see* Chengshi Feng
Feng Deshen *see* Yu Huaizhi 41390
Feng Duan *see* Duan Feng
Feng Haihong *see* Wen Zhoubin 4434
Feng Hao, Li Huijuan, Wang Minghua GaAs three waveguide coupling Mach-Zehnder interference intensity modulator 20400
Feng Hao, Li Xihua, Wang Minghua, Wu Zhiwu Study of GaAs symmetric directional coupler switch 20483
Feng Hao, Wang Chengdong, Zhuang Qi, Sha Guohe, Zhang Cunhao Model for amplifier of pulsed oxygen-iodine chemical laser 12017
Feng Hao *see* Zhuang Qi 12003
Feng Hao *see* Zhuang Qi 35670
Feng Jiang, Chen Juan, Sun Shenyan The constant rotation difference variable frequency speed regulation system with intermittent control 8295
Feng Jin *see* Richardson, M. 27811
Feng Jin *see* Jin Feng
Feng Jixian *see* Jixian Feng
Feng Li *see* Li Feng
Feng Liang *see* Liang Feng
Feng Lianghuan *see* Lianghuan Feng
Feng Ling *see* Ruan Yingzheng 12750
Feng Ling *see* Ling Feng
Feng Liu Hai *see* Hai Feng Liu
Feng Lu Jian *see* Jian Feng Lu
Feng Ming-Shiann *see* Ming-Shiann Feng
Feng Qi-Ning, Tang Wei-Qing, Shang Zhou-Yuan A mixed wave model for electromagnetic propagation tool 7576
Feng Rongqiong, Wang Yongrong, Sun Guangsheng, Yan Ping Equivalence of synthetic test circuit on HVDC interruption 17121
Feng Rongqiong *see* Sun Guangshen 17120
Feng Rongqiong *see* Yan Ping 17118
Feng Rongquing *see* Wang Yongrong 17119
Feng Wang *see* Sjogren, L.B. 34280
Feng Wang Hua *see* Hua Feng Wang
Feng Wei *see* Wei Feng
Feng Weijiang, Hu Minyou Network reconfiguration with security constraints in distribution systems 7787
Feng Wenxiu *see* Chen Pusheng 1958
Feng Xi-Qi *see* Xi-Qi Feng
Feng Xiao *see* Triantafillou, P. 45330
Feng Xinghua *see* Xinghua Feng
Feng Xu, Holen, A.T., Stoa, P. Power system security assessment: calculation of outage distance with contingency filter 32179
Feng Yaolan *see* Huang Jinbiao 23520
Feng Yaolan *see* Ke Daoming 2676
Feng Yaolan *see* Ke Daoming 33948
Feng Ye *see* Ye Feng
Feng Yuan *see* Yuan Feng
Feng Yunping *see* Qiu Yuchang 11352
Feng Zhao *see* Hanying Zhou 13602
Feng Zhao *see* Zhao Feng
Feng Zhenghe, She Jinzhao, Gong Ke, Wang Jiazhang, Xu Bingchun W-band six-port reflectometer: its design, calibration and accuracy 6749
Feng Zhiyan *see* Zheng Ning 28244
Feng Zhu *see* Zhu Feng
Feng-Cang Lin, Takao, Y., Shimizu, Y., Egashira, M. Preparation and H_2 sensing properties of ZnO varistor gas sensors 38739

Feng-Ming Yang, Wolter, S., Laur, R. VLSI architecture for HDTV motion estimation based on block-matching algorithm 41950
Feng-Wen Sun, van Tilborg, H.C.A. Approaching capacity by equiprobable signaling on the Gaussian channel 36461
Feng-Yang Kuo *see* Jimming Lin 30527
Feng-Yue Hung *see* Mu-Kuen Chang 37564
Fengguang Luo *see* Hongpu Li 3278
Fengguang Luo *see* Jun Ali 28541
Fenghai Sui *see* Sui Fenghai
Fengji Yeh *see* Chu, B. 47023
Fengnian Zhou *see* Zhou Fengnian
Fengqong Diao *see* Diao Fengqong
Fengshan Zhang *see* Keqi Zhang 11803
Fengshan Zhang *see* Zhang Fengshan
Fengwu Zou *see* Zou Fengwu
Fengzhang Xu *see* Xu Fengzhang
Fengzhen Guo *see* Guo Fengzhen
Fengzhong Dong *see* Dong Fengzhong
Fengzhu, Z. *see* Zhenjiang, M. 4686
Fenk, J. *see* Taylor, S. 30659
Fenker, H. *see* Abbott, B. 7245
Fenker, H. *see* Abbott, B. 31776
Fenker, H. *see* Cushman, P. 24012
Fenker, H. *see* Hulbert, M. 7206
Fenn, R.C., Bushko, D.A., Gerver, M.J. Magnetostrictive structural elements fabricated from metallic glass 35251
Fenn, S.T.J., Taylor, D., Benaissa, M. Decoding double-error-correcting Reed-Solomon codes 4416
Fennell, E.C. *see* Pettigrew, R.D. 32515
Fennell, J.F. *see* Spence, H.E. 39147
Fennelly, A. *see* Bernacki, S. 35199
Fennema, C.L., Jr. Finding landmark features under a broad range of lighting conditions 4920
Fenner, D., Wenger, A. Brigit family of telephones 22699
Fenniman, C. *see* Merenda, J.L. 1460
Fensome, I. *see* Ahmed, T. 38929
Fensome, I. *see* Eisenhandler, E. 15665
Fensome, I. *see* Ellis, N. 38927
Fenster, A. *see* Drangova, M. 31866
Fenster, A. *see* Ryan, L.K. 7408
Fenstermaker, L.R., O'Conner, K.J. A low-power generator-based FIFO using ring pointers and current-mode sensing 34044
Fenwick, P. *see* Guy, C.N. 31946
Fenwick, P.M. Ziv-Lempel encoding with multi-bit flags 4392
Fenyves, E. *see* Abbott, B. 7245
Fenyves, E.J. *see* Anderson, J.A. 24244
Fenyves, E.J. *see* Nelson, G.S. 24245
Fenyves, E.J. *see* Prior, J.O. 24074
Fenzi, N.O., Aidnik, D.L., Soares, E.R., Bourne, L.C., Cardona, A.H., Rohlfing, S.M. Using engineered TBCCO step edge junctions as microwave mixers 1577
Feo, T.A. *see* Bard, J.F. 33326
Feoktistov, N.A. *see* Florinskii, V.Y. 35036
Feoktistov, N.A. *see* Pevtsov, A.B. 20548
Ferauge, C. *see* Luyten, W. 33632
Ferauge, C. *see* Volkov, V.V. 11134
Ferber, J. *see* Zeghal, K. 39326
Ferber, M.K. *see* Loboda, M.J. 1859
Ferdeghini, C. *see* Calzona, V. 31165
Ferdinandov, E.S., Tsanev, V.I. Mathematical modelling of the apparatus channel of an infrared remote sensing system 15979
Ferdj-Allah, L. *see* da Fonseca, R.J.M. 18327
Ferenc, D. *see* Bachler, J. 46934
Ferencz, K., Szipocs, R. Recent developments of laser optical coatings in Hungary 12293
Ferencz, K. *see* Szipocs, R. 28586
Ferenczi, S. *see* Racz, M. 11814
Ferenczi, S. *see* Racz, M. 23591
Ferens, K., Lehn, W., Kinsner, W. Image compression using learning vector quantization 29915
Ferens, K. *see* Wall, L. 29452
Feretic, D. Nuclear power plant security 25131
Feretic, D., Cavlina, N., Grgic, D., Spalj, S., Bajs, T. Environmental conditions calculation for the equipment qualification 39820
Feretich, R.A. *see* Pokala, R.P. 18649
Ferger, P., Colling, P., Cooper, S., Dummer, D., Frank, M., Nagel, U., Nucciotti, A., Probst, F., Seidel, W. A massive cryogenic particle detector with good energy resolution 38850
Ferger, P. *see* Colling, P. 20190
Ferger, P. *see* Frank, M. 24026
Ferger, P. *see* Nagel, U. 24049
Ferguson, A.I. Mode-locking in solid state lasers 12090
Ferguson, A.I. *see* De La Rue, R.M. 3866
Ferguson, A.I. *see* Hall, G.J. 20978
Ferguson, A.I. *see* Maker, G.T. 12284
Ferguson, A.I. *see* Robertson, A. 28981
Ferguson, B. *see* Khan, I. 16571
Ferguson, B. *see* Zivkov, B. 41911
Ferguson, B.A., Chin-Lin Chen Optical fiber recirculating delay lines as controllable radio frequency notch filters 45918
Ferguson, B.G. Remedying the effects of array shape distortion on the spatial filtering of acoustic data from a line array of hydrophones 44889
Ferguson, B.J. Air operated valve diagnostics. 'An integral part of an integrated preventive maintenance program' 16572
Ferguson, D., Radke, J. Synthetic vision/enhanced vision system implementation 47186
Ferguson, D.W. *see* Nordheden, K.J. 2129
Ferguson, I. *see* Luscombe, A.P. 32073
Ferguson, I.T. *see* Tan Le 42528
Ferguson, J.A. Numerical modeling of the propagation medium at VLF/LF 4123
Ferguson, J.S. Life spans experienced by steam-electric generating units 32719
Ferguson, J.S. Power plant removal costs 39500
Ferguson, L.T. *see* Ampolini, F.P. 32704
Ferguson, N. Single term off-line coins 36536
Ferguson, P. *see* Ziock, H.J. 7184
Ferguson, R., Martino, R., Budd, R., Hughes, G., Skinner, J., Staples, J., Ausschnitt, C., Weed, J. Etched-quartz fabrication issues for a 0.25 μm phase-shifted dynamic random access memory application 26942
Ferguson, R. *see* Conley, W. 11056
Ferguson, S., Roest, W. Intelligent connector reduces wiring 19190
Ferguson, S. *see* Cameron, N.I. 28210
Ferguson, S.P. SDH in cable telephony 14064
Ferguson, S.P. Tutorial: the synchronous digital hierarchy 37071
Ferguson, S.T. *see* Ashby, M.D. 46232
Ferla, A.La *see* La Ferla, A.
Ferlazzo, L., Reimbold, G., Gonchond, J.P., Heitzmann, H., Demolliens, O., Lormand, G. Electromigration in AlCu interconnections with W-plug contacts 2228
Ferlet-Cavrois, V., Musseau, O., Leray, J.L., Coic, Y.M., Lecarval, G., Guichard, E. Comparison of the sensitivity to heavy ions of SRAM's in different SIMOX technologies 41904
Ferlic, D. *see* Robinson, J.D. 7363
Ferlic, L. *see* Robinson, J.D. 7363
Ferloni, F. *see* Adinolfi, M. 37966
Ferm, P.M. *see* Beeson, K.W. 43541
Fermann, M.E. Ultrashort-pulse sources based on single-mode rare-earth-doped fibers 43754
Fermann, M.E., da Silva, V., Smith, D.A., Silberberg, Y., Weiner, A.M. Shaping of ultrashort optical pulses by using an integrated acousto-optic tunable filter 3240
Fermann, M.E., Galvanauskas, A., Harter, D. All-fiber source of 100-nJ subpicosecond pulses 35746
Fermann, M.E., Yang, L.-M., Stock, M.L., Andrejco, M.T. Environmentally stable Kerr-type mode-locked erbium fiber laser producing 360-fs pulses 20756
Fermann, M.E. *see* Stock, M.L. 3483
Fermin, R.de *see* de Fermin, R.
Fermine, D. *see* Graff, P. 45716
Fermo, R., Guida, U., Poulet, G., Magnani, F., Aleo, S. 150 kV system for feeding Ischia Island 16311
Fernandes, B.G., Pillai, S.K. Programmed PWM inverter using PC for induction motor drive 8550
Fernandes, D., Sekine, M. Suppression of Weibull radar clutter 23103
Fernandes, G. *see* Subramanian, S. 19407
Fernandes, H. *see* Simoes, P.C.S. 23471
Fernandes, J.H.M. *see* Vaisman, R. 24939
Fernandes, L. Progress towards a mobile broadband system 22816
Fernandes, M.F. *see* Pita de Abreu, A. 24679
Fernandes, M.G. *see* Sitaram, A.R. 2110
Fernandes, P., Jewell, R., MacMillen, D. Register balancing and Verilog 971
Fernandes, R.A., Jernigan, M.E. Unsupervised multi-level segmentation of multispectral images 4891
Fernandes, R.A., Jernigan, M.E. Unsupervised multiscale segmentation of multispectral imagery 13665
Fernandes, R.A. *see* Barber, D.G. 32080
Fernandes Campos, P. Interference cancellation using a switched-capacitor adaptive filter (LMS algorithm) 18863
Fernandez, A. *see* Gasull, A. 22007
Fernandez, A. *see* Ronda, J.I. 23315
Fernandez, A.M., Sebastian, P.J. Conversion of chemically deposited ZnS films to photoconducting ZnO films 792
Fernandez, A.M., Sebastian, P.J., Campos, J., Gomez-Daza, O., Nair, P.K., Nair, M.T.S. Structural and opto-electronic properties of chemically deposited Cu_xS thin film and the precipitate 34546
Fernandez, A.R. *see* Lopez, F.J.R. 7575
Fernandez, B. *see* Mittig, W. 21174
Fernandez, D., Gonzalez, P., Pou, J., Garcia, E., Serra, J., Leon, B., Perez-Amor, M., Garrido, C. CO_2 laser chemical vapor deposition of silica films in a parallel configuration: a study of gas phase phenomena 41453
Fernandez, D. *see* Gonzalez, P. 2146
Fernandez, E., Menendez-Valdes, P., Wittig, M., Comeron, A. Link budget model and applications for laser communications through the atmosphere 14566
Fernandez, E. *see* Demars, A. 14457
Fernandez, E.A. *see* Aguirre, I.J.O. 20967
Fernandez, F.A. *see* Hernandez-Figueroa, H.E. 36030
Fernandez, F.A. *see* Lu, Y. 21320
Fernandez, F.A. *see* Zhou Le Zhu 29260
Fernandez, Fco. *see* Sanz-Bobi, M.A. 32897
Fernandez, F.V., Rodriguez-Vazquez, A., Martin, J.D., Huertas, J.L. Accurate simplification of large symbolic formulae 26602
Fernandez, J. *see* Casas, S. 45232
Fernandez, J. *see* Godignon, P. 2466
Fernandez, J. *see* Iparraguirre, I. 43762
Fernandez, J.A.Lopez *see* Lopez Fernandez, J.A.
Fernandez, J.E. *see* Tartari, A. 39017
Fernandez, J.L. *see* Lopez, C. 6525
Fernandez, J.M. *see* Palacios, S.L. 20353
Fernandez, J.R. *see* Docampo, D. 13255
Fernandez, L. *see* Hill, G.R. 6051
Fernandez, M., Hernandez, C. Resonant converters 18477
Fernandez, M. *see* Rodriguez, T. 19412
Fernandez, R., Balsa, R., Feijoo, S., Carollo, A. Evaluation of a shape identification system based on a signature function 36930
Fernandez, R. *see* Dziura, T.G. 43883
Fernandez, R. *see* Lord, S.M. 11599
Fernandez, S. *see* Crespo, R.D. 27166
Fernandez, S. *see* Rodriguez, J. 12697
Fernandez, S. *see* Rodriguez, J. 36318
Fernandez, T., Newport, Y., Zamanillo, J.M., Mediavilla, A., Tazon, A. High speed automated pulsed I/V measurement system 28195
Fernandez, T., Newport, Y., Zamanillo, J.M., Tazon, A., Mediavilla, A. Modelling of operating point nonlinear dependence of I_{ds} characteristics from pulsed measurements in MESFET transistors 27223
Fernandez, T. *see* Harmony, T. 31914
Fernandez de Avila, S., Sanchez-Rojas, J.L., Gonzalez-Sanz, F., Calleja, E., Munoz, E., Hiesinger, P., Kohler, K., Jantz, W. Influence of delta-doping profile and interface roughness on the transport properties of pseudomorphic heterostructures 34668
Fernandez de Muniain, J. *see* de Porrata-Doria i Yague, R. 46070
Fernandez Soto, J.M. *see* Contento, G. 15787
Fernandez-Bouzas, A. *see* Harmony, T. 31914
Fernandez-Figueroa, C., Molinari, G. New diagnostic devices to monitor extraction from LEAR 7099
Fernandez-Gubieda, M.L. *see* Gorria, P. 43282
Fernando, C.A.N. Kinetics of photocurrent generation and quantum efficiency of a resonant energy transfer dye sensitized solid state photovoltaic cell made from p-CuCNS and n-SnO_2 transparent films on glass 8754
Fernando, J. *see* Anderson, J.A. 24244
Fernando, J. *see* Prior, J.O. 24074
Fernando, J.S., Ercegovac, M.D. On-line arithmetic modules for recursive digital filters 27072
Fernando, K.V., Parlett, B.N. Accurate singular values and differential qd algorithms 41172
Fernando, P.L. *see* Tonyali, K. 894
Fernando, P.N. Active devices and electronics for optical systems 38057
Fernando, S., Islam, F., Utama, P., Watson, K. High impedance fault detection using recurrent networks 16429
Fernandopulle, N., Ramshaw, R. Domain of stability of a synchronous machine with excitation control—a cell mapping approach 8321
Fernau, M.E., South, D.W., Guziel, K.A. Ozone nonattainment: implications for NO_x and VOC compliance by the electric power industry 32671
Ferne, A. *see* Mitchell, J. 46177
Fernee, M. *see* Kinsler, P. 3809
Fernholm, M. *see* Gleadow, J.C. 47468
Fernier, B. *see* Mikkelsen, B. 23011
Fernier, B. *see* Morin, P. 5682
Fernier, B. *see* Stubkjaer, K. 28874
Fernique, J.C. *see* Wallard, H.E. 39856
Fernow, R.C., Claus, J. Properties of the foxhole accelerating structure 6878
Fernquist, T. *see* Lindvold, L.R. 12463
Fernsler, R.F., Hubbard, R.F., Lampe, M. Long-range propagation of high-power, pulsed electron beams for welding and materials processing applications 48490
Ferragina, P. *see* Di Zenzo, S. 22132
Ferrah, A., Bradley, K.J., Asher, G.M. An FFT-based speed detector for inverter fed induction motors 25453
Ferrah, A., Bradley, K.J., Asher, G.M. On the use of digital filters for the analysis of PWM inverter waveforms 40527
Ferrah, A., Bradley, K.J., Asher, G.M. On the use of windows for the spectral analysis of PWM output waveforms 40563
Ferrah, A., Bradley, K.J., Asher, G.M., Woolfson, M.S. An investigation into speed measurement of induction motor drives using rotor slot harmonics and spectral estimation techniques 8843
Ferran, P.M., Hoimyr, N., Hordvik, U., Vuoskoski, J. CADD, computer aided detector design 38887
Ferrando, A., Josa, M.I., Malinin, A., Martinez-Laso, L., Pojidaev, V., Salicio, J.M. Irradiation of a very forward calorimeter in the LHC environment: some consequences 15617
Ferrando, M. *see* Baquero, M. 29278
Ferrando, M. *see* Rius, J.M. 30918
Ferrando, W.A. Fabrication of prototype large scale composite fiber nickel electrodes 17155

Ferrant, J.L. *see* Powell, W.E. 22420
Ferrante, M., Sinka, V., Zampieron, L.V. Microstructural parameters affected by Al-doping in Nd-Fe-B sintered magnets 43252
Ferranti, M., Ferraris, L., Laner, E., Villata, F. Induction motor drives for traction application 8928
Ferrara, M. *see* Dabbicco, M. 20854
Ferrara, M. *see* Stevens, C.J. 42514
Ferrara, P. *see* Ventura, P. 16047
Ferrara, V. *see* Maltese, P. 11692
Ferrari, A., Alengrin, G., Menez, J. A new approach to estimation of the frequency of a noisy cisoid 13425
Ferrari, A., Alengrin, G., Theys, C. Estimation of the fundamental frequency of a noisy sum of cisoids with harmonic related frequencies—application to sonar multipaths delay estimation 14731
Ferrari, A., Pelliccioni, M., Sala, P.R. Estimation of fluence rate and absorbed dose rate due to gas bremsstrahlung from electron storage rings 23950
Ferrari, A., Stevenson, G.R., Weisse, E. Design of the LHC beam dump 15308
Ferrari, A. *see* Bertolotti, M. 35869
Ferrari, A.M. *see* Ellis, W.H. 25154
Ferrari, C. *see* Bocchi, C. 694
Ferrari, C. *see* Salviati, G. 693
Ferrari, D. *see* Keeton, K. 22566
Ferrari, G. Computer aided design (CAD) for printed circuits. II 10554
Ferrari, G. Surface mount benchmark test board 34398
Ferrari, H., Codner, G., Rodriguez Melgarejo, D., Levy, P., Acha, C., Bekeris, V. Fast cycle, wide temperature range AC susceptometer 15177
Ferrari, L. Controlling Pentium with an FPGA 33950
Ferrari, L.A., Silbermann, M.J., Sankar, P.V. Efficient algorithms for the implementation of general B-splines 26350
Ferrari, L.A. *see* Pang, D. 29572
Ferrari, L.A. *see* Sankar, P.V. 26349
Ferrari, M. *see* Cremonesi, P. 41056
Ferrari, M. *see* O'Shaughnessy, K. 47008
Ferrari, P., Flechet, B., Angenieux, G. Characterization of lossy transmission lines of arbitrary characteristic impedance by time domain measurements 31405
Ferrari, R. *see* Ambrosini, G. 38419
Ferrari, R. *see* Ambrosini, G. 38898
Ferrari, V. *see* Crescini, D. 46345
Ferrario, B. L4981: a power factor corrector that makes the job easy. A device with interesting functions 32937
Ferraris, J.P. *see* Rudge, A. 25626
Ferraris, L. *see* Ferranti, M. 8928
Ferraris, P. *see* Boglietti, A. 40222
Ferraris, P. *see* Boglietti, A. 40569
Ferraro, A.J. *see* Werner, D.H. 36354
Ferrato, D. *see* Ambrosini, G. 38419
Ferrato, D. *see* Ambrosini, G. 38898
Ferravante, L., Mor, G.P., Serri, L., Foote, F.B. Impact of laser beam profiles in transformation hardening processing 3755
Ferrazzoli, P., Guerriero, L., Solimini, D. Modelling microwave backscatter for remote sensing of the Earth surface 16022
Ferre, E.S., Nelson, L.M., Ascarrunz, F.G., Walls, F.L. Relationship of AM to PM noise in selected microwave amplifiers RF oscillators, and microwave oscillators 10431
Ferreira, A. *see* Castro Alves, V. 10162
Ferreira, A.M. *see* Bender, D.K. 19262
Ferreira, C. *see* Garcia, J. 21964
Ferreira, C. *see* Mendlovic, D. 45249
Ferreira, G.F.Leal *see* Leal Ferreira, G.F.
Ferreira, H.C. *see* Fouche, L. 12942
Ferreira, H.C. *see* Helberg, A.S.J. 12944
Ferreira, H.C. *see* Menyennett, C. 12941
Ferreira, H.C. *see* Van Heerden, A. 14405
Ferreira, I.M.P.L.V.O. *see* de Gracia, J. 6430
Ferreira, J.A., van der Broeck, H.W. Alternative power distribution in residential and commercial buildings 7944
Ferreira, J.A., Van Ross, A., Van Wyk, J.D. Hybrid phase arm power module with nonlinear resonant tank 47957
Ferreira, J.A. *see* Hofsajer, I.W. 8600
Ferreira, J.A. *see* Smit, M.C. 1033
Ferreira, J.A. *see* Swart, S.M. 8993
Ferreira, J.A. *see* Theron, P.C. 8642
Ferreira, J.M.M. *see* Matos, J.S. 6315
Ferreira, L. *see* Fortunato, E. 31307
Ferreira, Luis. *see* Fortunato, E. 38520
Ferreira, M. *see* Jiang, C.-L. 35813
Ferreira, M.F. Effect of stimulated Brillouin scattering on distributed fibre amplifiers 30717
Ferreira, M.F., Rocha, J.F. Pinto, J.L. Analysis of the gain and noise characteristics of fibre Brillouin amplifiers 35727
Ferreira, M.P. *see* Fargues, M.P. 21910
Ferreira, P.J.S.G. A group of permutations that commute with the discrete Fourier transform 41228
Ferreira, R.C.A. *see* de Moraes, L.F.M. 45341
Ferreira Marques, R. *see* Fraga, F. 15654
Ferreira Marques, R. *see* Fraga, M.M. 15655
Ferreiro, C. *see* Moya, A. 4948
Ferrell, T.L. *see* Lee, I. 19688
Ferrer, C. *see* Blom, F.C. 19996
Ferrer, C. *see* Calderon, J.C. 22572
Ferrer, D. *see* Foster, S. 30349
Ferrer, I.J., Caballero, F., De las Heras, C., Sanchez, C. "Preparation of n-type doped FeS_2 thin films" 26464
Ferrer, J.L. *see* Iracane, D. 43961
Ferrer, M. *see* Duchowicz, R. 20662
Ferrer, M.L., Mirabelli, G., Petrolo, E., Valente, E., Cardarelli, R., Santonico, R. Use of asynchronous transmission channels and passive optical star couplers in a high throughput data acquisition system 46984
Ferrer, M.L. *see* Antonelli, A. 24054
Ferrer, M.L. *see* Mirabelli, G. 14578
Ferrer-Laloe, F.-R. Low head prefabricated power plants 25243
Ferrera, J., Wong, V.V., Rishton, S., Boegli, V., Anderson, E.H., Kern, D.P., Smith, H.I. Spatial-phase-locked electron-beam lithography: initial test results 27909
Ferreras, A., Rodriguez, F., Gomez-Salas, E., de Miguel, J.L., Hernandez-Gil, F. Useful formulas for multimode interference power splitter/combiner design 35449
Ferrero, A., Raciti, A., Urzi, C. An indirect test method for the characterization of variable reluctance motors 25411
Ferrero, A. *see* Cristaldi, L. 47588
Ferrero, F. The impact of high-speed systems and services 22402
Ferrero, F. *see* Barbero, E. 22626
Ferrero, F.J., Vega, M.G., De Zarete, M.O., Coriminas, E.L. The design of circuits with programmable logic devices (PLDs) 26851
Ferrero, J.L. *see* Roldan, C. 31727
Ferrero, J.M. *see* Montoya, A. 6601
Ferrero, M.I. *see* O'Shaughnessy, K. 47008
Ferrero, R.W. *see* Rivera, J.F. 16130
Ferrero, R.W. *see* Rivera, J.F. 32371
Ferretti, G.F., Re, L., Zayat, M., Mazzara, D., Rimatori, C., Pupita, G., Mannello, B., Russo, P. A new method for the simultaneous automatic measurement of the RR and QT intervals in ambulatory ECG recordings 15883
Ferretti, M. Transputers—components of supercomputers 10211
Ferretti Dalpiaz, P. *see* Antonelli, A. 24054
Ferri, G. *see* Cantalini, C. 6407
Ferri, G. *see* Griffioen, W. 3002
Ferri, J. *see* Toukhy, M. 11006
Ferrier, R. *see* Oliver, J. 9072
Ferriera, L. *see* Fortunato, E. 31313
Ferriere, R. *see* Goedgebuer, J.P. 13595
Ferrieu, F. *see* Vallier, L. 18278
Ferrieux, J.-P. *see* Gerbaud, L. 17473
Ferrieux, J.P. *see* Bendaas, M.L. 8997
Ferrieux, J.P. *see* Scheich, R. 8595
Ferris-Prabhu, A.V. Effect of design considerations on productivity at wafer level 43033
Ferriter, A.M. *see* Varrin, R.D., Jr. 16568
Ferro, P., Trillo, S., Wabnitz, S. Demonstration of nonlinear nonreciprocity and logic operations with a twisted birefringent optical fiber 36023
Ferro, R.E. *see* Johnson, B.A. 32996
Ferron, J. *see* Passeggi, M.C.G., Jr. 2194
Ferrone, C. *see* De Biase, G.A. 5176
Ferry, D.K., Jing-Rong Zhou Form of the quantum potential for use in hydrodynamic equations for semiconductor device modeling 2399
Ferry, D.K., Takagaki, Y., Zhou, J.-R. Future ultra-large scale integration: transport physics in semiconductor nanostructures 43041
Ferry, D.K. *see* Misawa, N. 2223
Ferry, D.K. *see* Takagaki, Y. 10703
Ferry, D.K. *see* Yamada, T. 10702
Ferry, D.K. *see* Yamada, T. 34581
Ferry, G.A. Power electronics for FACTS equipments 39568
Ferry, J. *see* Anderson, D.R. 7064
Ferstl, M. *see* Kuhlow, B. 12456
Ferstl, M. *see* Pawlowski, E. 29047
Ferstl, M. *see* Pawlowski, E. 44166
Fertein, E. *see* Douay, M. 43417
Fertig, L.B., McClellan, J.H. Dual forms for constrained adaptive filtering 36754
Fertino, R. *see* Fantoni, D. 39950
Feryance, D., Bradley, A., Shubert, F. Matte-surface solder masks reduce solder ball defects 19214
Feschenko, A.V. Bunch shape monitors using low energy secondary electron emission 15345
Feschenko, A.V., Men'shov, A.A., Ostroumov, P.N. A detector to measure longitudinal and transverse distributions of a two component ion beam 7092
Feschenko, A.V. *see* Bylinsky, Yu.V. 7009
Feschenko, A.V. *see* Dvortsov, S.V. 15462
Feser, K. Necessary sensitivity of PD measurement 43140
Feser, K. Required on site test equipment [for GIS] 48019
Feser, K., Neumann, C. Recommended on site test-procedure [for GIS] 48016
Feser, K. *see* Braun, U. 16252
Fesler, R. *see* Li, G.P. 15858
Fessel, E. The economy of electric heating in pork butchery 40681
Fessel, E. The economy of electric heating in bakeries and pastry-cooking 40682
Fesseler, P., Thierer, G. A wideband audio codec with a bitrate of 32 kbit/s for realtime implementation on a single DSP 13108
Fessenden, T.J. *see* Celata, C.M. 31562
Fessenden, T.J. *see* Eylon, S. 23983
Fessenden, T.J. *see* Garvey, T. 23984
Fessler, J.A. Tomographic reconstruction using information-weighted spline smoothing 37039
Festa, R. *see* Noia, M. 14528
Festa, R. *see* Noia, M. 14529
Festa, R. *see* Ratto, C.F. 25850
Festen, J.M., van Dijkhuizen, J., Plomp, R. The efficacy of a multichannel hearing aid in which the gain is controlled by the minima in the temporal signal envelope 24359
Festinesi, A. *see* Asmone, A. 31721
Festinesi, A. *see* Casali, F. 38573
Fetcenko, M.A. *see* Ovshinsky, S.R. 48332
Feteba, M.Y. *see* Bustani, A.Al. 25697
Fetter, L. *see* Farrow, R.C. 27894
Fetter, L. *see* Liddle, J.A. 11001
Fetter, L.A. *see* Tennant, D.M. 27823
Fetterman, H. *see* Steier, W.H. 43481
Fetterman, H.R., Zhang, D., Hong, J.P., Plant, D.V., Forse, R.J., Cardona, A.H. Millimeter wave high temperature superconducting devices and circuits 27247
Fetterman, H.R. *see* Dawei Zhang 34251
Fetterman, H.R. *see* Kain, A.Z. 1405
Fetterman, H.R. *see* Kain, A.Z. 1498
Fetterman, H.R. *see* Kain, A.Z. 2902
Fetterman, H.R. *see* Meng, C.C. 1504
Fetterman, H.R. *see* Zhang, D. 21381
Fetthauer, F., Bryngdahl, O. Quantization noise and the error diffusion algorithm 30134
Fettinger, J.C., Manz, A., Ludi, H., Widmer, H.M. Stacked modules for micro flow systems in chemical analysis: concept and studies using an enlarged model 14966
Fettweis, A. Discrete passive modelling of physical systems described by PDEs 9479
Fettweis, A. Numerical integration of PDEs by discrete passive modeling of physical systems 33546
Fettweis, A. Signal-processing approach to robust time-domain modeling of electromagnetic fields 44203
Fettweis, A. *see* Leickel, T. 13413
Fettweis, A. *see* Zhu, L. 990
Fettweis, G. On implementing digital signal processing tasks of communications systems in VLSI 1273
Fetz, J., Langheim, J. Fault tolerant control of an electric Citybus driven by two independent induction machines 48229
Fetz, J. *see* Langheim, J. 48230
Feuchter, T. *see* Jorgensen, B.F. 38099
Feuer, A. *see* Weller, S.R. 29697
Feuer, M.D. *see* Liu, T.M. 20025
Feuerstein, B. *see* Clausnitzer, G. 31621
Feuerstein, R.J. *see* Main, P.T. 28558
Feuerstein, R.J. *see* Main, T. 43585
Feugate, R.J., Jr. A joint partnership for improving undergraduate microelectronics instruction 9156
Feugnet, G., Schwarz, M., Larat, C., Pocholle, J.P. TEM_{00} surface-emitting laser-diode longitudinally pumped Nd:YVO_4 laser 20750
Feuillet, G. *see* Legras, R. 43876
Feurer, R. *see* Simon, J. 9731
Feurer, R. *see* Wang, Y.B. 41414
Fewster, P.F. *see* Klappe, J.G.E. 27644
Feyder, A. *see* Entine, G. 15728
Feye-Treimer, U. *see* Treimer, W. 47002
Feygenson, A., Hamm, R.A., Smith, P.R., Montgomery, R.K., Ritter, D., Yadvish, R.D., Temkin, H. Microwave performance of InGaAs/InP composite collector bipolar transistors 10475
Feygenson, A. *see* Temkin, H. 18232
Feygin, G., Gulak, P.G., Chow, P. Minimizing error and VLSI complexity in the multiplication free approximation of arithmetic coding 4390
Feygin, G., Gulak, P.G., Chow, P. A multiprocessor architecture for Viterbi decoders with linear speedup 12865
Feyh, G. Statistics of maximum entropy IID noise given its cumulants 29416
Feyh, G. Higher order statistics of communication signals via tensor algebra 29680
Feyock, S. *see* Karamouzis, S.T. 32048
Fezoui, L. *see* Cioni, J.P. 12577
Fezzani, D., Piquet, H., Cheron, Y., Metz, M. Design of static converters: an expert system approach 8584
ffrench, R. *see* Morgan, C.A. 25292
Fiala, V. *see* Sotnikov, V.I. 21414
Fialkovskiy, V.A. Emission of symmetrical waves from open end of circular waveguide with an infinite magnetodielectric rod 44498
Fialkowski, L.T. *see* Collins, M.D. 24507
Fiallos, E. *see* Ledoux, B. 14782
Fiamberti, D. *see* Bianchi, P. 39643
Fiani, G.P. *see* Boutros, Y.Z. 4428
Fiani, G.P. *see* Boutros, Y.Z. 12907
Fiantsev, V.S. *see* Dzhangirov, V.A. 7743

Ficarella, A., Laforgia, D., Ruggiero, U. Feasibility of biomass-fuelled steam turbine cogeneration for olive oil pressing plants 47762
Fice, M.J. *see* Davies, I.G.A. 28880
Fice, M.J. *see* Nowell, M.C. 43917
Fice, M.J. *see* White, I.H. 12254
Fice, M.J. *see* Williams, K.A. 20781
Fice, M.J. *see* Williams, K.A. 35822
Fiche, G., Sabourin, T., Legac, M.L., Thomazeau, F. Assessing the performance of the Alcatel 1000 E10 system 22726
Fichtel, C.E. *see* Thompson, D.J. 7145
Fichtenbaum, M.L., Muller, R.J. A VXI driver-sensor instrument with large tester architecture 6313
Fichter, D. *see* Dutsch, W. 17546
Fichtner, W., Burgler, J., Dettmer, H., Hitschfeld, N., Kells, K., Lendenmann, H., Muller, S., Westermann, M. The use of CAD tools in power device optimization 2639
Fichtner, W. *see* Bauer, F. 32965
Fichtner, W. *see* Hitschfeld, N. 28063
Fichtner, W. *see* Pommerell, C. 41552
Fichtner, W. *see* Seda, S.J. 26601
Fick, B.R., More, E.J., Rosard, D.D. Design of a combined-cycle power plant's coordinated control system with steam-turbine rotor life management 8226
Fick, D. *see* Rathmann, F. 6941
Fick, H.J. Successful power electronics packaging technologies used with insulated metal substrates 26688
Fick, S.E. *see* Hsu, N.N. 9813
Ficke, W.H. *see* Kathiresan, K. 14589
Fickou, A. *see* Ba, B. 8772
Ficner, S., Ping-Hung Lu, Kloffenstein, T., Merrem, H. Statistical experimental design on the optimization of a high performance photoresist 11087
Ficzko, J., Dobnikar, A. Logic neural networks for a character recognition problem 4802
Fiddy, M.A. *see* Kim, D.Y. 20247
Fiddy, M.A. *see* Li, G. 35902
Fiddy, M.A. *see* Manettas, D. 3302
Fiddy, M.A. *see* Steriti, R.J. 13496
Fiddyment, P.J. *see* Burton, J.D. 12195
Fiddyment, P.J. *see* Jones, C.A. 35445
Fiddyment, P.J. *see* Sherlock, G. 28489
Fidecki, T. Band-limited noise interference in loudspeaker systems 24532
Fidel'man, V.R. *see* Aratskii, D.B. 21862
Fidler, J. *see* Dolezal, J. 32380
Fidler, J.K. *see* Jianfu Teng 18847
Fidler, J.K. *see* Sun, Y. 9867
Fidler, J.K. *see* Sun, Y. 42033
Fidler, J.K. *see* Yichuang Sun 27048
Fidorra, F. *see* Weber, R. 3376
Fiebich, M., Lenzen, H., Meier, N., Koetter, L. New method for quality assurance in computed radiography 15803
Fiebig, A., Lutgert, S. A radiofrequency pulse compressor for square output pulses in the microsecond range 15494
Fiebig, U.-C.G., Schnell, M. Correlation properties of extended *m*-sequences 12840
Fiechter, S. *see* Fearheiley, M.L. 642
Fiechtl, M.D. *see* Wells, J. 17180
Fiedler, K., Schiller, S., Paschotta, R., Kurz, P., Mlynek, J. Highly efficient frequency doubling with a doubly resonant monolithic total-internal-reflection ring resonator 12379
Fiedler, K. *see* Kurz, P. 12322
Fiedler, U. *see* Moller, B. 38095
Fiedziuszko, S.J., Curtis, J.A. Space applications of high temperature superconductors 27248
Fiedziuszko, S.J. *see* Holme, C.J. 1426
Fiegel, T.T. *see* Davey, E.C. 32554
Fiegl, B., Zoth, G. Electrical properties of 'clean' and Fe-decorated stacking faults in p-type silicon 10743
Fiegna, C., Sangiorgi, E. Comments on 'Determination of space-dependent electron distribution function by combined use of energy and Boltzmann transport equations: improvement, evaluation, and explanation' 34962
Fiegna, C., Sangiorgi, E., Selmi, L. Oxide-field dependence of electron injection from silicon into silicon dioxide 19473
Fieguth, P.W., Staelin, D.H. High-accuracy profiler that uses depth from focus 38711
Fieguth, T., Bloom, E., Bulos, F., Davies-White, W., Donald, M., Fairfield, K., Godfrey, G., Holtzapple, R., Hutton, A., Lowe, G., Miller, R., Sukiennicki, B., Wen, H., Ronan, M., Zisman, M. Injection system for the PEP II asymmetric B Factory at SLAC 15555
Fieguth, T. *see* Krejcik, P. 15394
Fiehring, H. *see* Voss, A. 15855
Field, B., Znati, T. α-channel: a network framework to support application real-time performance guarantees 22314
Field, B. *see* Znati, T. 5251
Field, C.J., Journeaux, T.L. Design & installation of 22 kV power cable for London Underground Central Line refurbishment project 17565
Field, C.T., Davidson, F. Frequency acquisition with photorefractive two-wave mixing 28977
Field, C.T., Davidson, F.M. Photorefractive two-wave mixing in the presence of high-speed optical phase modulation 3829
Field, C.T. *see* Davidson, F. 35724
Field, C.T. *see* Davidson, F.M. 43619
Field, D., Cordell, B., Murray, G., Cram, G., Patrick, R. US naval airship 32031
Field, E.C., Jr. *see* Warber, C.R. 4136
Field, G.J. *see* Truant, P.T. 8079
Field, M. *see* Smith, C.G. 42534
Field, R.L. *see* Ioup, G.E. 4740
Fielder, S.S., Noglik, H., Pietro, W.J. A pulse sequencer and transient nanoammeter system for membrane voltage-dependent capacitance measurements 46572
Fielding, G., El Kateb, M.M., Stephen, D.D. The electrical system design and protection of interconnected offshore oil intallations 25987
Fielding, G. *see* Redfern, M.A. 16445
Fielding, K.H., Ruck, D.W., Rogers, S.K., Welsh, B.M., Oxley, M.E. Spatio-temporal pattern recognition using hidden Markov models 29863
Fields, C.H., Oldham, W.G., Bojko, R.J. The use of amorphous silicon for deep UV masks 2361
Fields, C.H. *see* Partlo, W.N. 27940
Fields, C.R., Taylor, S.M., Barker, F.M. Effect of corneal edema upon the smoothness of excimer laser ablation 39091
Fields, C.R. *see* Taylor, S.M. 39090
Fields, E., Winkler, K. Roxboro integrated automation project 32636
Fields, K., Gopalan, R. Application focused tile arrays 10342
Fields, M. *see* Bartz, D. 24415
Fields, R.A. *see* Rose, T.S. 20718
Fields, T.R. The CFC phaseout and MCM cleaning 34462
Fielhauer, K.B. Using RF channel simulators to test new wireless designs 30619
Fiete, O.P.Kaushik *see* Kaushik Fiete, O.P.
Fietler, N. *see* Mandrillon, P. 6909
Fiez, T.S. *see* Baird, R.T. 34134
Fife, A. *see* Imai, K. 4151
Fifield, J.A. *see* Stapper, C.H. 41903
Figal, T.E. *see* Tegethoff, M.V. 1723
Figalli, G. *see* Bellini, A. 8403
Figalli, G. *see* Bellini, A. 8872
Figalli, G. *see* Bellini, A. 17432
Figiel, J.J. *see* Lott, J.A. 3610
Figielski, T., Makosa, A., Wosinski, T., Harness, P.C., Singer, K.E. Inelastic electron scattering in double-barrier resonant tunneling structure revealed with photoexcitation 10693
Figliola, R.S. Introduction to Wheatstone bridge and strain measurements with automated data acquisition 9168
Figliola, R.S., Swaminathan, M., Beasley, D.E. A study of the dynamic response of a local heat flux probe 14964
Figliomeni, M. *see* Di Fabrizio, E. 27925
Figliomeni, M. *see* Gentili, M. 27982
Figliomeni, M. *see* Krasnoperova, A.A. 31816
Figliomeni, M. *see* Luciani, L. 27926
Figueira, J.F. *see* Harris, D.B. 3422
Figueiras-Vidal, A.R. *see* Cid-Sueiro, J. 30282
Figueiras-Vidal, A.R. *see* Pantaleon-Prieto, C.J. 22207
Figueiras-Vidal, A.R. *see* Weruaga-Prieto, L. 18891
Figueras, A. *see* Chehouani, H. 9733
Figueras, A. *see* Henry, F. 9760
Figueras, J. *see* Champac, V.H. 35080
Figueras, J. *see* Rodriguez-Montanes, R. 11311
Figueras, J. *see* Rodriguez-Montanes, R. 26780
Figueredo, D. *see* Riley, P.E. 10923
Figueroa, L. *see* Abbas, G.L. 39285
Figura, P.V. *see* Shul'gin, B.V. 46882
Fijalkow, I., Loubaton, P., Regalia, P.A. A new algorithm for rational subspace estimation based on cascadable adaptive lossless filters 36741
Fijalkowski, B.T. Topmost compact parallel hybrid prime mover: 3-shaft FTB automotive gas turbine 48261
Fijalkowski, B.T., Krosnicki, J.W. All-electric articulated triad Martian roving vehicle 47165
Fijita, I., Hamada, M., Aikawa, H., Nagayama, K., Asano, Y. The hermetic carbon layer restoration on the fusion spliced portion of carbon coated fiber 11592
Fijita, T. *see* Yamauchi, H. 26918
Fikart, J., Xuan, Y. A new circuit structure for microwave frequency doublers 1599
Fikart, J., Xuan, Y. A 16 GHz differential amplifier and its application in a MMIC doubler 27296
Fikart, J.I. *see* Yongnan Xuan 42246
Fikioris, J.G. *see* Tsalamengas, J.L. 21301
Fikke, S.M., Hanssen, J.E., Rolfseng, L. Long range transported pollutants and conductivity of atmospheric ice on insulators 24999
Fiksman, G., Gross, R., Fan, J., Kazovsky, L. Performance optimization of directly modulated FM-SCM systems with optical discriminator 5899
Filanovsky, I. *see* Paranjape, M. 46356
Filanovsky, I.M. Designer's casebook – multivibrator runs at $\simeq$ 1.5 V 1104
Filanovsky, I.M., Baltes, H. CMOS Schmitt trigger design 33942
Filanovsky, I.M., Piskarev, V.A., Taylor, L. On design of polarized solid-state relays with electromagnetic coupling 18544
Filanovsky, I.M., Taylor, L. Circuit with nonlinear transformer allowing DC current measurements via an isolation gap 10030
Filanovsky, I.M. *see* Qiu Shuisheng 9929
Filaretov, V.F. *see* Kikhney, G.P. 30366
Filaseta, M., Robinson, M.L., Wheeler, F.S. The minimal Euclidean norm of an algebraic number is effectively computable 26351
Filatov, A.L. *see* Kotov, Yu.A. 25520
Filatov, I.I. *see* Buzylev, N.V. 14385
Filatov, K.V., Chernikhovskiy, A.L. Analysis of low-digit coding of the pulse responses of digital compression filters 29672
Filatov, V.V. Possibility of utilizing phenomena of high-temperature superconductivity in gyroscopes 43362
Filatova, S.A., Golubtsov, P.V. Invariance considerations in design of image formation measurement computer systems 21936
Filatrella, G. *see* Holm, J. 2908
Filbert, D. Advanced fault diagnosis for the mass production of small power electric motors 25477
Filbert, D. *see* Guhmann, C. 31142
Filevich, A. *see* Abrahamsson, K. 15584
Filho, A.F.Flores *see* Flores Filho, A.F.
Filho, B.F.Uchoa *see* Uchoa Filho, B.F.
Filho, E.P.Lopes *see* Lopes Filho, E.P.
Filho, J.Pissolato *see* Pissolato Filho, J.
Filhol, J.-M. ESRF booster synchrotron: characteristics and achieved performances 15289
Filicori, F., Vannini, G. Large-signal mathematical modelling of MESFETs including low-frequency dispersive effects due to traps and thermal phenomena 28209
Filicori, F., Vannini, G., Mediavilla, A., Tazon, A. Modelling of deviations between static and dynamic drain characteristics in GaAs FETs 28194
Filicori, F., Vannini, G., Monaco, V.A. Large-signal modelling of Dual-Gate GaAs MESFETs 27216
Filimonov, D.Yu. *see* Abil'siitov, G.A. 11961
Filimonov, R.P. Limits of asymptotic relative efficiency of two invariant detection rules relative to the Wilcoxon rule 4650
Filimonov, V.I. *see* Lvov, B.V. 20605
Filimonov, V.P. *see* Povarov, O.A. 25222
Filimonova, P.E. Study of renewed criticality of fuel in severe accidents of VVER reactors 47678
Filin, P.A. *see* Belikov, S.V. 7199
Filin, P.A. *see* Belikov, S.V. 7200
Filiouguine, I.V., Kostiouchenko, S.V., Koudriavtsev, N.N., Rodionov, A.S., Vasilyak, L.M. New type of nitrogen laser pumping by breakdown ionization wave 11981
Filiouguine, I.V., Kostiouchenko, S.V., Koudriavtsev, N.N., Vasilyak, L.M. High speed breakdown ionization wave as a new technique for effective pumping of the pulsed discharge lasers 11982
Filip, P. An efficient method for image compression in the wavelet transform domain 13567
Filip, P. *see* Mohorko, J. 36915
Filip, P. *see* Planinsic, P. 36959
Filipe, A. *see* Joyez, P. 43364
Filipiak, J. *see* Kawalec, A. 16025
Filipitsch, R. *see* Zadravec, D. 16973
Filipovic, A. *see* Ditschun, A. 16601
Filipovic, D.F., Gearhart, S.S., Rebeiz, G.M. Double-slot antennas on extended hemispherical and elliptical silicon dielectric lenses 36399
Filipovic, D.F., Rebeiz, G.M. Double-slot antennas on extended hemispherical and elliptical quartz dielectric lenses 4339
Filipovic, D.F. *see* Gauthier, G. 1423
Filipovic, V. *see* Glamocanin, V. 32402
Filippas, T.A. *see* Adam, W. 46929
Filippenko, L.V. *see* Koshelets, V.P. 10492
Filippetti, F., Franceschini, G., Tassoni, C. Neural networks approach to electric machine on-line diagnostics 16834
Filippi, R.G., Biery, G.A., Wood, M.H. Evidence of the electromigration short-length effect in aluminum-based metallurgy with tungsten diffusion barriers 34800
Filippi, R.G. *see* Rathore, H.S. 2211
Filippidis, A., Bogner, R.E. Neural networks for sensor data fusion 4751
Filippini, L. MPEG: a standard for moving image compression 36888
Filippini, V. *see* Masoni, A. 15659
Filippo, E.De *see* De Filippo, E.
Filippov, M.N. *see* Gromova, T.I. 27524
Filippov, S.B. *see* Bauer, S.M. 20063
Filippov, V., Terentjev, A., Yakimov, S. Oxygen effect on the operation of the MOS-structure-based hydrogen sensor 23753
Filippov, V.L. Environmental signatures and modeling of the inputs to remote-observation optoelectronic systems 15983
Filippov, Yu.F. *see* Smirnova, T.A. 12670
Filippova, N.G. *see* Litkens, I.V. 24814
Filippychev, D.S. *see* Krasil'nikov, M.A. 29195
Filips, F. *see* Dongjin Byun 41466
Filis, K.G., Gupta, S.C. Coexistence of DS CDMA PCN and analog FM: performance degradation of the SSSC-FM channels due to spread spectrum overlay 37713
Filisan, A.P. *see* Simonetti, R. 6229

Filisan, A.Polo *see* Polo Filisan, A.
Fill, E. *see* Baumhacker, H. 3425
Fill, E. *see* Baumhacker, H. 35655
Fillard, J.P. Optical non-destructive tests for the evaluation of microprecipitates in semiconductors and devices 904
Fillard, J.P. *see* Montgomery, P.C. 1844
Fillebock, M., Schwab, M., Russer, P. Automatic generation of starting values for the simulation of microwave oscillators by frequency domain techniques 1494
Filler, R.L., Vig, J.R. Long term aging of oscillators 20087
Filler, R.L. *see* Su, W. 23399
Filler, R.L. *see* Vig, J.R. 20100
Filligoi, G.C. *see* Capitanio, L. 24264
Filligoi, G.C. *see* Capitanio, L. 39065
Fillion, R., Wojnarowski, R. Non-hermetic embedded chip MCM technologies for automotive and other lower cost applications 25917
Fillion, R.A. A forecast on the future of hybrid wafer scale integration technology 19265
Fillion, T. *see* Doussiere, P. 43932
Fillion, T. *see* Mikkelsen, B. 38129
Filo, D., Ku, D.C., Coelho, C.N., Jr., De Micheli, G. Interface optimization for concurrent systems under timing constraints 34026
Filo, M., Gyergyek, L., Jaklic, A. Problems of detecting baseline by electrocardiographics signals 47104
Filolie, B.Varailhon de la *see* Varailhon de la Filolie, B.
Filseth, E., Hunt, P., Kao, W. AHDL-driven synthesis for switched capacitor circuits 10273
Filsinger, J., Heaney, J.E. Identifying generic safety requirements 40875
Filter, W.F. *see* Rodbell, K.P. *(editor)* 33206
Fily, M., Dedieu, J.-P. Snow interpretation in airborne radar imagery in mountain regions (Les Arcs, French Alps) 16002
Filz, T. *see* Wolf, H. 42631
Fimia, A., Fuentes, R., Pascual, I., Belendez, A., Egozcue, J.J., Navarro, M.T. Copying computer-generated-holographic interconnects by the use of partially coherent light 44152
Fimia, A., Pascual, I., Carretero, L., Belendez, A. Diffuse-object holograms in silver halide sensitized gelatin 44143
Fimia, A. *see* Belendez, A. 3923
Fimia, A. *see* Belendez, A. 3936
Fimia, A. *see* Pascual, I. 21094
Fina, S.De *see* De Fina, S.
Finamore, W.A. *see* Balachandran, K. 36512
Finazzi Agro, G. *see* Messina, G. 15332
Finch, I. *see* Coenen, F.P. 14250
Finch, J.W. Design method for torque estimation in stepping and switched reluctance motors 40261
Finch, J.W. *see* Faiz, J. 32839
Finch, J.W. *see* Faiz, J. 47842
Finch, J.W. *see* Hajsadr, S.M. 32822
Finch, R.P. *see* Padin, S. 14742
Finckh, H.H., Joyce, J.S. How to improve the operating economy and environmental capability of existing steam power plants 39986
Finco, S. *see* Behrens, F.H. 2669
Findakly, T., Teng, C.C. Wideband NLO polymer modulators 43544
Finden-Browne, C. Distributed systems: systems management issues and approaches 37308
Finders, J., Keuter, M., Gnoth, D., Geurts, J., Woitok, J., Kohl, A., Muller, R., Heime, K. Investigation of MOVPE-grown $In_{0.53}Ga_{0.47}As/InP$ multi-quantum wells by Raman spectroscopy and X-ray diffractometry 9634
Findlay, K.W.J., Renshaw, D., Denyer, P.B. A stereo algorithm to reduce quantisation noise 13703
Findlay, P., Dickinson, B., Harriss, M. Incorporating boundary-scan and built-in self-test within a VHDL-based ASIC design cycle 41754
Findlay, R.D. *see* Dableh, J.H. 8385
Findlay, W.J. *see* Coulbeck, L. 40329
Findlow, G., Gitlits, M. Investigating GSM radio link performance using computer simulations 37857
Fine, D.W. *see* Fujii, M. 34038
Fine, P.M. *see* Rossington, C.S. 7186
Fine, S.M., Dyer, P.N., Norman, J.A.T. Consecutive selective chemical vapor deposition of copper and aluminum from organometallic precursors 41481
Finegan, T. *see* Senior, J.M. 5955
Finegan, T. *see* Senior, J.M. 30805
Finger, F. *see* Carius, R. 42465
Finger, F. *see* Li, Q. 26497
Finger, K.E. *see* Ananda, A. 15467
Finger, K.E. *see* Campisi, I.E. 15493
Finger, R.J. Software converts PC into a Radio Monitor System 14396
Fingerholz, J. *see* Wachholz, G. 22658
Fingerholz, J. *see* Wachholz, G. 30534
Fingerle, B.-M. GSM signalling in practice 45865
Fingerson, L.M. Thermal anemometry, current state, and future directions 38744
Fini, G.P. *see* Deponti, F. 16384
Finizio, A. *see* De Nicola, S. 38729
Fink, C.E. *see* Deluliis, N.J. 8131
Fink, C.L., Curry, B.P. Simple optics description of the plasma sheath and plasma electrode region 46735
Fink, F.K., Madsen, J.P., Micheelsen, H., Pharao, K. SVD based parameter estimation as noise robust preprocessing for speech recognition 13125
Fink, G.A., Kummert, F., Sagerer, G. Automatic extraction of language models from a linguistic knowledge base 13155
Fink, G.A. *see* Mast, M. 36599
Fink, H., Renz, R., Samann, D. Vacuum switchgear development trends 25574
Fink, H. *see* Aufermann, A. 8685
Fink, H. *see* Dullni, E. 48004
Fink, H.-W. *see* Shedd, G.M. 1819
Fink, M. *see* Abouelkaram, S. 7673
Fink, M. *see* Bordier, J.M. 9852
Fink, M. *see* Cassereau, D. 13196
Fink, M. *see* Chakroun, N. 9843
Fink, M. *see* Corbel, C. 9842
Fink, M. *see* Derode, A. 9817
Fink, M. *see* Derode, A. 18377
Fink, M. *see* Dorme, C. 13197
Fink, M. *see* Noroy, M.-H. 16024
Fink, M. *see* Thomas, J.-L. 32132
Fink, M.A. *see* Corbel, C. 18378
Fink, R.T., Harrison, D.H., Rumble, E.T. ALWR man-machine interface requirements 39831
Fink, R.T., Zarechnak, A., Williges, R.C., O'Brien, J.F. Appropriate choice of alarm system technologies: EPRI research 39694
Fink, T., Osgood, R.M., Jr. Photoelectrochemical etching of GaAs/AlGaAs multilayer structures 2153
Fink, T. *see* Bachem, E. 3445
Fink, T. *see* Ravindra, N.M. 10740
Finkbeiner, F. *see* Zhao, S.P. 7299
Finkbeiner, F. *see* Zhao, S.P. 20202
Finke, J. *see* Eichhorn, K.F. 47517
Finkel, A. Decidability of the termination problem for completely specified protocols 45338
Finkelshtein, A.B. *see* Kats, V.D. 35203
Finkelstein, B.I. *see* Prutkovskii, E.N. 8225
Finkelstein, I. *see* Sorek, Y. 20341
Finkelstein, K.D. *see* Qun Shen 24136
Finkelstein, L. *see* El-hami, M. 15064
Finkbauser, D. ISDN in the corporate environment 45640
Finkman, E. *see* Coudenys, G. 41306
Finkman, E. *see* Fraenkel, A. 46443
Finlan, J.M. *see* Sanders, S. 43835
Finlan, J.M. *see* Waarts, R.G. 20845
Finlayson, G.D., Atkins, S., Zastre, M. Data compression: an implementation of Huffmann coding on a transputer network 37490
Finlayson, N. *see* Nayar, B.K. 20451
Finley, D. *see* Abbott, B. 7245
Finn, G.M. *see* Lawson, C.M. 3044
Finn, K. *see* Baker, R. 13970
Finn, K. *see* Rennison, E. 37239
Finn, S.G. *see* Alexander, S.B. 6055
Finnegan, N. *see* Sugg, A.R. 10917
Finnegan, P. *see* Cronstrom, H. 31804
Finnemann, M. *see* Holzapfel, W. 12502
Finney, A., Higginbottom, J.C., Williams, D.J. Radiated emission testing of large telecommunication systems 37199
Finney, D. Computer simulation of variable speed drives 48158
Finney, S.J., Green, T.C., Williams, B.W. Spectral characteristics of resonant-link inverters 40322
Finney, S.J. *see* He, X. 1057
Finnigan, D. *see* Wang, X.W. 865
Fino, B. *see* Margat, C. 14451
Finocchiaro, E. *see* Buccheri, P. 16469
Fintz, P. *see* Maazouzi, C. 31746
Finucane, J. *see* O'Shea, S. 14185
Finucane, J. *see* O'Shea, S. 14211
Finzel, L., Mendat, L., Boscher, G. The L^4 splice—a new mechanical OWG splice 5919
Fioni, G., Faust, H.R., Gross, M., Hesse, M., Armbruster, P., Gonnenwein, F. Reduction of energy dispersion on a parabola mass spectrometer 7286
Fioravanti, S. *see* Arduini, F. 22003
Fioravanti, S. *see* DeNatale, F.G.B. 21996
Fiordalice, R.W. *see* Travis, E.O. 9771
Fiordalice, R.W. *see* White, T.R. 19664
Fiore, A., Rosencher, E., Bois, P., Nagle, J., Laurent, N. Strained InGaAs/AlGaAs quantum well infrared detectors at 4.5 μm 31212
Fiore, E. *see* Bridger, K. 17416
Fiore, G. *see* Bianchi, P. 39643
Fiore, G. *see* Cataldi, G. 31666
Fiorentini, G.M. Numerical simulation of relativistic klystrons 46759
Fiorentini, G.M., Houck, T.L., Wang, C. Design of a reacceleration experiment using the Choppertron 23955
Fioretto, E. *see* Campajola, L. 46877
Fiori, F. *see* Beaumont, S.P. 15637
Fiorillo, A.S., Lamberti, N., Pappalardo, M. Time of arrival discrimination of interfering waves for thickness measurements in composite media 9851
Fiorillo, G. *see* Buontempo, S. 31696
Fiorini, E. Physical motivations for thermal detectors 24023
Fiorini, E. *see* Alessandrello, A. 24024
Fiorini, E. *see* Alessandrello, A. 24031
Fiorini, P. *see* Bonnin, P. 22099
Fiorini, P. *see* Morosanu, C. 31771
Firak, M. *see* Jakovljevic, Z. 39948
Firby, R.J. *see* Martin, C.E. 47160
Firjahn-Andersch, A. *see* Sarstedt, M. 15329
Firoozian, R. Performance of AC induction servo motors 47876
Firpo, P., Fracchai, M., Savio, S. Locomotive drive harmonic pollution in AC traction systems 17566
Firsov, D.A. *see* Vorobjev, L.E. 12246
Firsov, V.V. *see* Golovnin, I.V. 28910
Firsov, V.V. *see* Zagumennyi, A.I. 35748
Firsov, V.V. *see* Zolotoverkh, I.I. 44023
First, P.N. *see* Henderson, G.N. 10739
Firszt, F. *see* Szatkowski, J. 10662
Firth, D., Hecki, M.A., McKnight, J.A., Mulholland, L.S., Rowley, R. Sound propagation in a steam generator: experimental and theoretical results 25165
Fisch, E. Scan conversion between 1050 2:1 60 Hz and 525 1:1 30 Hz U and V color components 6226
Fischbach, M. *see* Bielesch, U. 11944
Fischedick, M., Kaltschmitt, M. Photovoltaic and wind power generation in power station connection, load analyses and power station insertion 47810
Fischer, A. Numerical behaviour of a fixed-point implementation of the splitted generalized LeRoux-Gueguen algorithm 4777
Fischer, A. *see* Butzer, P.L. 18057
Fischer, A. *see* Compaan, A. 25701
Fischer, A. *see* Dahme, R. 47169
Fischer, A. *see* Kuhne, H. 33653
Fischer, B., Freund, R.W. On adaptive weighted polynomial preconditioning for Hermitian positive definite matrices 41147
Fischer, B., Horowitz, M. Controllable narrow band and broadband second-harmonic generation by tailored quasiphase matching with domain gratings 44068
Fischer, B., Zyskind, J.I., Sulhoff, J.W., DiGiovanni, D.J. Nonlinear wave mixing and induced gratings in erbium-doped fiber amplifiers 20749
Fischer, B., Zyskind, J.L., Sulhoff, J.W., DiGiovanni, D.J. Nonlinear four-wave mixing in erbium-doped fibre amplifiers 3560
Fischer, B. *see* Frank, H.-P. 42626
Fischer, B. *see* Horowitz, M. 21100
Fischer, B. *see* Reschke, D. 15509
Fischer, C. Development of a metering system for total mass flow and compositional measurements of multiphase/multicomponent flows such as oil/water/air mixtures 31513
Fischer, C. *see* Meier, J. 24027
Fischer, D. *see* Neyer, A. 35426
Fischer, D. *see* Yunkin, V.A. 27757
Fischer, D. *see* Yunkin, V.A. 27760
Fischer, D.W., Manasreh, M.O., Matous, G. Additional H-related local vibrational modes in proton-implanted InP 19524
Fischer, F. *see* Gegov, A. 39507
Fischer, F. *see* Lahtchev, L.H. 40088
Fischer, F. *see* Nern, H.J. 40006
Fischer, F. *see* Waag, A. 34692
Fischer, G. A pseudo-flash A/D converter 18828
Fischer, G., Doht, H.-C., Hemmer, B. Operation modes of series inverter 400 kHz for induction heating 17613
Fischer, G., Hagemeyer, A., Hibst, H. Improvement of the magnetic properties of Co-Cr layers by plasma pretreatment of the polymeric substrate 11454
Fischer, G. *see* Moonan, D.W. 18827
Fischer, G.E., Bressler, V.E., Cobb, J.K., Jensen, D.R., Ruland, R.E., Walz, H.V., Williams, S.H. Precision fiducialization of transport components 15362
Fischer, G.E. *see* Bressler, V.E. 7106
Fischer, G.M. *see* Koshelets, V.P. 10492
Fischer, H. *see* Wild, A. 1151
Fischer, H.G., Dahinden, V., Malewski, R. New components and material for a more reliable insulation of EHV transformers 16939
Fischer, H.G. *see* Algeri, A. 31719
Fischer, H.G. *see* Doroba, K. 7227
Fischer, J., Srinivasan-Rao, T., Tsang, T., Brandes, G. Photoemission from magnesium and from diamond film using high intensity laser beams 34470
Fischer, J. *see* Lei, F. 23606
Fischer, J. *see* Srinivasan-Rao, T. 38814
Fischer, J. *see* Stock, M. 23921
Fischer, J.A. *see* Brown, R.J. 32103
Fischer, J.F. Conducted EMC measurement equipment for 30 Hz to 10 KHz 44390
Fischer, J.W., Schaefer-Enkeler, A. EuroSprinter, high-performance electric locomotive 8907
Fischer, K. Performance-reliability-models and quality management 416
Fischer, K. Inductive loads made lighter: dimmer IC SLB 0587 controls low-voltage halogen lamps from power transformer 9938
Fischer, K., Muller, J., Hoffmann, R., Wasse, F., Salle, D. Elastooptical properties of SiON layers in an integrated optical interferometer used as a pressure sensor 35465

Fischer, K. *see* Kirchenberger, U. 16980
Fischer, K. *see* Muller, J. 14925
Fischer, M. VDEW fault statistics for XLPE medium-voltage cables 16328
Fischer, M. *see* Lindenbaum, M. 45090
Fischer, P. *see* Baur, R. 46897
Fischer, P. *see* Baur, R. 46911
Fischer, P. *see* Lin, C.W. 9274
Fischer, P. *see* Lin, C.W. 33373
Fischer, P.B., Dai, K., Erli Chen, Chou, S.Y. 10 nm Si pillars fabricated using electron-beam lithography, reactive ion etching, and HF etching 27931
Fischer, P.B., Wei, M.S., Chou, S.Y. Ultrahigh resolution magnetic force microscope tip fabricated using electron beam lithography 27448
Fischer, R. From 'transmission of signals' to 'self-creation of meaning' transformations in the concept of information 44639
Fischer, R. *see* Balewski, K. 46775
Fischer, R. *see* Loschner, H. 27920
Fischer, R. *see* Mertins, V. 15860
Fischer, R.A. Organometallic CVD of CoGa and related bimetallic thin films from novel single source precursors 41471
Fischer, R.P., Fliflet, A.W., Manheimer, W.M., Levush, B., Antonsen, T.M., Jr., Granatstein, V.L. Phase locking, amplification, and mode selection in an 85 GHz quasioptical gyroklystron 42367
Fischer, S. *see* Geiwitz, J. 39696
Fischer, S. *see* Shahidi, G.G. 11305
Fischer, S.C., Spiker, A., Geiwitz, J. Constructing maintenance proficiency tests 39776
Fischer, S.E. *see* Pelella, M.M. 11171
Fischer, S.E. *see* Wagner, L.F. 11176
Fischer, S.G. The superposition of periodic cell arrival streams with constrained arrival instants in an ATM multiplexer 37065
Fischer, T., Boettiger, U., Grassmann, A., Moritz, H., Binder, H., Funhoff, D., Schwalm, R. Performance data of an environmentally stable deep UV positive resist [for DRAMs] 26944
Fischer, T. *see* Bauerle, P. 26528
Fischer, T. *see* Boettiger, U. 28016
Fischer, T. *see* Graft, R. 11849
Fischer, T. *see* Grassmann, A. 28014
Fischer, T. *see* Schinzel, P. 23763
Fischer, T. *see* Schwarz, R. 34500
Fischer, T. *see* Wang, F. 28129
Fischer, T.R. *see* Malone, K.T. 4479
Fischer, U., Zinke, T., Schuppert, B., Petermann, K. Singlemode optical switches based on SOI waveguides with large cross-section 43487
Fischer, U. *see* Zinke, T. 11666
Fischer, U.H.P., von Helmolt, C. Scanning heterodyne spectrometer with different local oscillator laser types 30821
Fischer, U.H.P., von Helmolt, C.H., Kruger, K., Kruger, U. Engineered automatic control and frequency stabilization unit for a coherent multichannel (CMC) system 30818
Fischer, W., Rodig, J. Results of two EC-studies: performance of NaS battery propelled EVs in 1995 and 2005 48331
Fischer-Colbrie, A. *see* Caracci, S.J. 35843
Fischerauer, A., Schott, W. Design of switchable inline filters and compensation of second order effects 2754
Fischerauer, A. *see* Ruppel, C.C.W. 11421
Fischerauer, G. *see* Ruppel, C.C.W. 11421
Fischerauer, G. *see* Weigel, R. 1301
Fischetti, M., Hamacher, H.W., Jernsten, K., Maffioli, F. Weighted k-cardinality trees: complexity and polyhedral structure 18023
Fischetti, M.V. *see* Frank, D.J. 19867
Fischl, R., Chow, J.C. On the probabilistic evaluation of indices for power system security assessment 24652
Fischl, R. *see* Chow, J.-C. 24691
Fischl, R. *see* Yan, H.H. 39453
Fischler, M.A., Wolf, H.C. Locating perceptually salient points on planar curves 36996
Fisenko, S.P. Mathematical modeling of heat and mass transfer in transpiration cooling of water droplets in a cooling tower 47753
Fisera, P. The monitoring system for electric rotating machines 31111
Fish, D.R. *see* Allen, P.J. 39042
Fish, P.J. *see* Nocetti, D.F.G. 7380
Fish, P.J. *see* Ruano, M.G. 31894
Fishburn, P.C. *see* Calderbank, A.R. 12844
Fishburn, P.C. *see* Calderbank, A.R. 44707
Fisher, A. *see* Xiaoling Zhai 42369
Fisher, C. *see* Xi-Qi Feng 41244
Fisher, C.H., Mead, R.D., Brown, A.J.W., Tidwell, S.C., Hamilton, C.E., Miyake, C.I. Diode-end-pumped solid-state lasers 20716
Fisher, C.H. *see* Brown, A.J.W. 28778
Fisher, D. Coding MPEG1 image data on compact discs 23295
Fisher, D. *see* Manganaris, S. 23409
Fisher, E.M. *see* Turner, J. 24925
Fisher, K.D. *see* Bergmans, J.W.M. 11496
Fisher, L. *see* Tella, R. 42300
Fisher, L.M. *see* Voloshin, I.F. 20225
Fisher, M.A., Davies, D.A.O., Adams, M.J., Kennedy, G.T., Grant, R.S., Sibbett, W. Active waveguides at transparency for ultrafast all-optical switching 12404
Fisher, M.A. *see* Davies, D.A.O. 5975
Fisher, M.H. *see* Cubillo, J.P. 13845
Fisher, P.A. *see* Coronado, C.A. 41337
Fisher, P.D. *see* Kang, J.-W. 10128
Fisher, P.D. *see* Kang, J.-W. 33969
Fisher, P.D. *see* Shieh, M.-D. 10050
Fisher, P.D. *see* Shieh, M.-D. 10132
Fisher, P.H. *see* Heinz, W.W. 23759
Fisher, R.B. *see* Fitzgibbon, A.W. 45164
Fisher, S. *see* Bonifield, T. 34658
Fisher, S.M., Chino, H., Maeda, K., Nishimoto, Y. Characterizing B-, P-, and Ge-doped silicon oxide films for interlevel dielectrics 10926
Fisher, T. Real-time scheduling support in Ultrix-4.2 for multimedia communication 5332
Fisher, T. *see* Zhang, H. 14173
Fisher, T.A. *see* Turner, T.S. 42505
Fisher, W. *see* Tella, R. 42300
Fishkin, J.B. *see* Gratton, E. 15700
Fishkova, T.Ya. *see* Ovsyannikova, L.P. 27326
Fishman, D. *see* Sharp, B. 36196
Fishman, D.A., Nagel, J.A. Degradations due to stimulated Brillouin scattering in multigigabit intensity-modulated fiber-optic systems 45938
Fishman, D.A. *see* Bahsoun, S.M. 3519
Fishman, L. One-way wave propagation methods in direct and inverse scalar wave propagation modeling 4068
Fishman, L. Wave field splitting, invariant imbedding, and phase space methods in direct scattering 4084
Fisk, G.S., Schaffer, P.J., Zycinski, T.R. Security system performance improvements for nuclear power plants 32572
Fisk, H.E. *see* Auchincloss, P.S. 46953
Fisk, H.E. *see* Kinnel, T.S. 38880
Fiske, T.J. *see* Gokturk, H.S. 43288
Fiss, H.J. *see* Marthen, W. 24988
Fissel, M.G. *see* Taylor, D.S. 802
Fister, L. *see* Park, W. 34527
Fister, T., Garber, F., Sawtelle, S., Withman, R. Hypothesis likelihood function estimation for synthetic aperture radar targets 23089
Fisun, A. *see* Veremey, V. 27184
Fitch, A. *see* Banks, V.A.A. 24961
Fitch, J.S. *see* Jouppi, N.P. 26965
Fitch, R. *see* Bayraktaroglu, B. 10439
Fitch, R. *see* Bayraktaroglu, B. 27204
Fitch, T. Selectivity mechanisms in low pressure selective epitaxial silicon growth 41362
Fitsilis, P., Cheliotis, P. DEMON & ORIENT integration 37232
Fitting, D.W., Norton, S.J., Fortunko, C.M. Adaptive array imaging in inhomogeneous media 9818
Fitting, D.W. *see* Fortunko, C.M. 14954
Fitting, H.-J. *see* Hingst, T. 42586
Fitton, D.S. *see* Aggarwal, R.K. 39541
Fitz, J.L. *see* Smith, S.D. 20784
Fitz, M.P. *see* Seymour, J.P. 37781
Fitzgerald, E.A., Gossmann, H.-J., Unterwald, F.C., Luftman, H.S., Monroe, D. Electron-beam induced current determination of shallow junction depth 42459
Fitzgerald, E.A., Kuo, J.M., Xie, Y.H., Silverman, P.J. Necessity of Ga prelayers in GaAs/Ge growth using gas-source molecular beam epitaxy 26440
Fitzgerald, E.A. *see* Monroe, D. 10704
Fitzgerald, E.A. *see* Watson, G.P. 711
Fitzgerald, E.A. *see* Watson, G.P. 18222
Fitzgerald, E.A. *see* Xie, Y.H. 1915
Fitzgerald, F.D. *see* Lytle, R.I. 8228
Fitzgerald, J. Tune measurement using analog adaptive filters 15423
Fitzgerald, R.J. Random tropospheric effects in command guidance by multilateration and interferometry 39434
Fitzgerald, W.J. *see* Lasenby, J. 29786
Fitzgerald, W.J. *see* Nallanathan, A. 36710
Fitzgibbon, A.W., Bispo, E., Fisher, R.B. Acquisition of CAD models from multiple range views 45164
Fitzmaurice, D. Using spectroscopy to probe the band energetics of transparent nanocrystalline semiconductor films 48042
Fitzpatrick, A.R., Robinson, M.D., Snyder, R.L., Harvey, R.E. Upgrading a 66-year old transmission line 32449
Fitzpatrick, P. New time domain errors and erasures decoding algorithm for BCH codes 29437
Fitzpatrick, P., Murphy, C.C. Solution of linear systems of equations in the presence of two transient hardware faults 12864
Fitzpatrick, R.G. *see* Guppy, J.G. 32600
Fitzsimmons, G.W., Lamberty, B.J., Harvey, D.T., Riemer, D.E., Vertatschitsch, E.J., Wallace, J.E. A connectorless module for an EHF phased-array antenna 29371
Fitzsimmons, J.R., Beck, B.L., Brooker, H.R. Double resonant quadrature birdcage 7388
Fiume, D.Dal *see* Dal Fiume, D.
Fix, A., Schroder, T., Wallenstein, R., Haub, J.G., Johnson, M.J., Orr, B.J. Tunable β-barium borate optical parametric oscillator: operating characteristics with and without injection seeding 3853
Fix, A. *see* Beigang, R. 29008
Fixl, A.J., Jenkins, K.A. Laser stimulated photocathode electron beam prober for 15ps resolution waveform measurements 42349
Fixl, A.J., Jenkins, K.A., Wilsher, K.R., Immediato, M.J., Perincheril, L., Shin, H.J. Laser stimulated electron-beam prober for 15 ps resolution internal waveform measurements of a 5 Gb/s ECL circuit 33998
Fizzotti, F. *see* Manfredotti, C. 9785
Fjallbrant, T., Mekuria, F. Signal processing using a model of the peripheral auditory system 13109
Fjellborg, B. *see* Hemani, A. 41561
Flach, G. *see* Crazzolara, H. 14990
Flack, K. Copper is not the only solution telecommunication networks 5688
Flack, R.D. *see* Brun, K. 47838
Flack, T.J., Williamson, S. Air gap fields and pressure waves in closed-slot cage rotor induction motors 8393
Flack, W. *see* Flores, G. 2378
Flack, W.W. Overlay distortions in wafer-scale integration lithography 2347
Flack, W.W. *see* Flores, G.E. 2335
Flagan, R.C. *see* Saunders, W.A. 9604
Flagello, D.G., Rosenbluth, A.E. Vector diffraction analysis of phase-mask imaging in photoresist films 2337
Flagello, D.G. *see* Smith, B.W. 2373
Flaherty, J. HDTV—how, why and when 23323
Flaherty, J.E. *see* Moore, P.K. 609
Flaherty, J.V. *see* Quinn, P.D. 15454
Flaig, J., Heilinger, J. Advanced automobile instrumentation with SIECO 51 40633
Flajolet, P., Grabner, P., Kirschenhofer, P., Prodinger, H., Tichy, R.F. Mellin transforms and asymptotics: digital sums 41219
Flake, R.A. *see* Johnson, Z. 17234
Flaksman, A.G. *see* Ermolayev, V.T. 44875
Flam, R.P., Farina, D.J., Bull, J.F. Gain and pattern calibration of VHF antennas for an over-water propagation experiment 36202
Flam, R.P., Hartman, R.E., Aubin, J.F. Multichannel digital antenna pattern measurement for DF system calibration 38189
Flam, S.D., Schultz, R. A new approach to stochastic linear programming 18041
Flament, O. *see* Berland, V. 2524
Flament, O. *see* Dentan, M. 34183
Flaminio, V. *see* Autiero, D. 15630
Flamm, D.L. Feed gas purity and environmental concerns in plasma etching. 1 2121
Flamm, D.L. Feed gas purity and environmental concerns in plasma etching. 2 10947
Flamm, P. *see* Alrutz, H. 6209
Flammia, M. The challenge of getting technical experts to talk: why interviewing skills are crucial to the technical communication curriculum 115
Flanagan, J.L., Surendran, A.C., Jan, E.E. Spatially selective sound capture for speech and audio processing 4516
Flanagan, M.J. *see* Zimmerman, G.A. 21903
Flanagan, T.P. *see* Tsong-Ho Wu 37259
Flandre, D. Analysis of floating substrate effects on the intrinsic gate capacitance of SOI MOSFETSs using two-dimensional device simulation 11201
Flandre, D. Comments on "Numerical analysis of small-signal characteristic of a fully depleted SOI MOSFET" 42984
Flandre, D. *see* Colinge, J.P. 28126
Flandrin, P., Michel, O. Higher-order within chaos 4738
Flandrin, P., Michel, O. Chaotic signal analysis and higher order statistics 13398
Flandrin, P. *see* Michel, O. 4744
Flanigan, J., Evanczuk, S. Business issues concerning electronic data books 26150
Flank, Y. *see* Pigaglio, P. 5285
Flannery, D.L. Improving binary phase-only filter distortion invariance by direct phase iterations 30115
Flannery, D.L. *see* Karch, B.K. 13601
Flashberg, L.S. Measurement of combustion turbine non-recoverable degradation 16630
Flasinski, M. *see* Behrens, U. 38917
Flatabo, N., Fosso, O.B., Ognedal, R., Carlsen, T., Heggland, K.R. A method for calculation of margins to voltage instability applied on the Norwegian system for maintaining required security level 24605
Flatau, A.B. *see* Hall, D.L. 35250
Flatau, A.B. *see* Pratt, J. 35252
Flatgen, G. *see* Hirsch, M. 34501
Flatico, J.M. *see* Beheim, G. 6540
Flatley, J.E. *see* Smith, D.E. 3099
Flaugher, B. *see* Amidei, D. 46890
Flaugher, B. *see* Tkaczyk, S. 46989
Flaviis, F.De *see* De Flaviis, F.
Flavin, A.J. *see* Strange, A. 37964
Flavin, C. Alternative energy sources 32534
Flax, S.W. *see* Li, P.-C. 15707
Flebus, C. Five-degree-of-freedom mount 47183
Flechet, B. *see* Ferrari, P. 31405
Flechet, B. *see* Tao, J.-W. 4207
Flechet, B. *see* Tao, J.-W. 27123
Flechet, B. *see* Tao, J.-W. 29252
Flechsig, A.J. *see* Perez, L.G. 47937
Fleck, E. *see* Beier, J. 24203

Fleck, S. *see* Malek, F. 38936
Flecker, J. Networking: transparency versus privacy 30466
Fleeman, J.A. *see* Wagenaar, L.B. 47934
Fleet, D.J., Jepson, A.D. Stability of phase information 29885
Fleet, D.J. *see* Barron, J.L. 45068
Fleetwood, D.M., Meisenheimer, T.L., Scofield, J.H. 1/f noise and oxide traps in MOSFETS 19806
Fleetwood, D.M., Shaneyfelt, M.R., Riewe, L.C., Winokur, P.S., Reber, R.A., Jr. The role of border traps in MOS high-temperature postirradiation annealing response 34977
Fleetwood, D.M., Shaneyfelt, M.R., Schwank, J.R. Estimating oxide-trap, interface-trap, and border-trap charge densities in metal-oxide-semiconductor transistors 42966
Fleetwood, D.M. *see* Devine, R.A.B. 34645
Fleetwood, D.M. *see* Kosier, S.L. 34922
Fleetwood, D.M. *see* Mayer, T.S. 35028
Fleetwood, D.M. *see* Nowlin, R.N. 34923
Fleetwood, D.M. *see* Schwank, J.R. 34981
Fleetwood, D.M. *see* Scofield, J.H. 19815
Fleetwood, D.M. *see* Shaneyfelt, M.R. 34982
Fleetwood, D.M. *see* Warren, W.L. 34633
Flegar, I. Conversion properties of static power converter devices 9956
Flegar, L. *see* Saban, I. 39823
Flegel, W. *see* Konijn, J. 24087
Flegontov, Yu.A. *see* Poletaeva, A.I. 4198
Fleisch, D.A. *see* Vigil, A.J. 11423
Fleischer, J.M. ATP; continuously variable attenuator for true laser profiles 6828
Fleischer, K.R., Yeager, K., Stringham, D. Electric power systems analysis (EPSA) computer program comparison and selection 39454
Fleischer, M. *see* Hacker, B. 31328
Fleischer, M. *see* Lampe, U. 31335
Fleischer, M. *see* Meixner, H. 7641
Fleischli, M. *see* Drtina, P. 32717
Fleischmann, B. *see* Bachler, J. 46934
Fleischmann, C.W. *see* Murphy, T.C. 17249
Fleischmann, L. *see* Backe, H. 47013
Fleischner, P.S. MCM-L substrates: a case study 9273
Fleissner, J. *see* Ralston, J.D. 12149
Fleissner, J. *see* Ralston, J.D. 12243
Fleming, A.H.J., Lubinas, V. Differences in RFR induced ankle currents due to body shape 15937
Fleming, D.B. An acoustic consultants view [sound level meter certification] 39411
Fleming, I.R., Thomas, A.H., Isele, D.F., Black, J.L. A new approach to electrical safety testing of electromedical equipment 7510
Fleming, J.G. *see* Cheek, R.W. 829
Fleming, J.G. *see* Cheek, R.W. 18255
Fleming, J.K. *see* Ziock, H.J. 7184
Fleming, J.W. *see* Partovi, A. 35307
Fleming, P.J. *see* Nocetti, D.F.G. 7380
Fleming, R.J. *see* Balbachas, D.V. 35165
Fleming, R.J. *see* Castellanos, J.M. 32311
Fleming, T. 3 V systems spur evolution of the RS-232 standard 45612
Fleming, T.E. *see* Murphy, S.E. 39734
Fleming, W. *see* Smith, B.A. 43542
Fleming, W. *see* Thackara, J.I. 43546
Flemish, J.R., Pfeffer, R., Buchwald, W., Jones, K.A. Silicon nitride deposited at very low silane pressures using electron cyclotron resonance plasmas 9789
Flemish, J.R. *see* Schauer, S.N. 33739
Flemming, E. *see* Keating, P.A. 44774
Flemming, T. *see* Hertwig, M. 26542
Flemming, T.E. *see* Stetzler, T.D. 10135
Fleszynski, J., Lutynski, B. Electrohydrodynamic phenomena in moistured insulating oils 11338
Fletcher, B. The 'Omni-Bus': new network philosophy for television studios 30970
Fletcher, D.E. *see* O'Brien, M.T. 47464
Fletcher, J., McVeigh, A. Towards a model of segment and syllable duration in Australian English 4547
Fletcher, J., McVeigh, A. Segment and syllable duration in Australian English 29512
Fletcher, J. *see* Croot, K. 4555
Fletcher, J. *see* Harrington, J. 4529
Fletcher, J.E. *see* Jenn, D.C. 4298
Fletcher, J.H., Cotton, R.A., Webb, C.E., Andrews, A.J. Design and performance of a simple 2 joule KrF laser 35698
Fletcher, J.M. *see* Brandt, M.E. 39006
Fletcher, J.R., Miller, M.J. CEMS, AEP's approach 32691
Fletcher, T. *see* Couto, L. 17887
Flett, D.G. *see* Barber, D.G. 32080
Fleurial, J.-P. *see* Borshchevsky, A. 41240
Fleurkens, J.W.G. *see* Janssen, G.L.J.M. 958
Fleury, A. Positioning by satellites: sole means of navigation? 23242
Fleury, C. *see* Favre, E. 40130
Flicstein, J. *see* Hoffmann, P. 19697
Fliege, N. *see* Mertins, A. 13250
Fliege, N.J. DFT polyphase transmultiplexer filter banks with effective reconstruction 13407
Fliege, N.J. Half-band bandpass filters and filter banks with almost perfect reconstruction 29665
Fliege, N.J., Zolzer, U. Multi-complementary filter bank: a new concept with aliasing-free subband signal processing and perfect reconstruction 13405
Flieger, R. *see* Du, K.-M. 20945
Flierl, H.P. *see* Clausnitzer, G. 31621
Fliflet, A.W. *see* Fischer, R.P. 42367
Fliflet, A.W. *see* Manheimer, W.M. 44004
Flik, M.I. *see* Goodson, K.E. 10761
Flik, M.I. *see* Su, L.T. 35005
Flinck, H. *see* Raatikainen, P. 14251
Flinders, F., Senini, S., Oghanna, W. Mixed electrical and mechanical simulations using dynamic systems analysis packages 47999
Flinders, F. *see* Senini, S. 34296
Flinders, F. *see* Senini, S. 48374
Flinders, F.M., Wolfs, P.J., Kwong, K.C. Improved techniques for switching power amplifiers 40327
Flinn, P.A. *see* Bader, S. 34824
Flinn, P.A. *see* Niehof, J. 6727
Flint, A., Blood, W., Jr. MCM test strategy: board test in an IC environment 9301
Floch, A.Le *see* Le Floch, A.
Floch, B.Le *see* Le Floch, B.
Floch, J.-M. Practical training on MMICs technology 27306
Floc'h, J.-M. *see* Tessereau, S. 36426
Floc'h, J.M. *see* Desclos, L. 34269
Flockton, S.J., White, M.S. Application of genetic algorithms to infinite impulse response adaptive filters 29691
Flohic, M.le *see* le Flohic, M.
Flohr, M. *see* Currivan, B. 37700
Flohr, T.J., Kolpatzik, B.W., Balasubramanian, R., Carrara, D.A., Bouman, C.A., Allebach, J.P. Model based color image quantization 22086
Flokstra, J. *see* le Grand, J.B. 24051
Flood, D.J. *see* Jain, R.K. 25702
Flood, D.J. *see* Jain, R.K. 48129
Flood, K.M. *see* Sanders, S. 43835
Flood, K.M. *see* Waarts, R.G. 20845
Flora, F., Portaccio, M., Torre, A. Diffraction numerical simulation of a high-power excimer laser performance 20638
Flora, F. *see* Bollanti, S. 24124
Flora, F. *see* Bollanti, S. 35937
Flora, F. *see* Di Lazzaro, P. 11998
Flora, F. *see* Letardi, T. 20623
Flora, F. *see* Letardi, T. 35693
Florack, L.M.J., Ter Haar Romeny, B.M., Koenderink, J.J., Viergever, M.A. Cartesian differential invariants in scale-space 13497
Florack, L.M.J. *see* Ter Haar Romeny, B.M. 37033
Florchinger, P. Zakai equation of nonlinear filtering with unbounded coefficients. The case of dependent noises 4747
Floreani, D.J., Dadej, A.J. An architecture for a distributed narrowband packet radio network 22828
Floreano, D. Anticipatory tracking of a moving object 13647
Florek, A. *see* Adam, W. 7259
Florek, A. *see* Adam, W. 31715
Florek, A. *see* Adam, W. 46929
Florek, B. *see* Adam, W. 7259
Florek, B. *see* Adam, W. 31715
Florek, B. *see* Adam, W. 46929
Florence, N., LiLaura, D.L. On the accuracy of computer-predicted luminaire photometric performance 17603
Florent, O. *see* Hirech, M. 35061
Florentsev, S.N., Izvarin, Yu.V., Kovalev, F.I., Smolyakov, S.V. Modern compact power systems 40334
Flores, B.C., Ugarte, A. Refinement of range-Doppler imagery by feedback control 23087
Flores, B.C., Ugarte, A., Kreinovich, V. Choice of an entropy-like function for range-Doppler processing 23088
Flores, B.C. *see* Cabrera, S.D. 36727
Flores, C. *see* Campesato, R. 6435
Flores, C. *see* Delavaux, J.-M.P. 3508
Flores, D. *see* Godignon, P. 2466
Flores, F.Pazos *see* Pazos Flores, F.
Flores, G., Flack, W., Dwyer, L. Lithographic performance of a new generation i-line optical system: a comparative analysis 2378
Flores, G.E., Flack, W.W. Photoresist thin film effects on alignment process capability 2335
Flores, G.E. *see* Dean, R. 11095
Flores, R. *see* Imai, J. 1089
Flores Filho, A.F. *see* Basak, A. 8460
Florescu, V., Rau, C., Zheng, N.J. Strong influence of Tb concentration on domain structure and Kerr effect of Tb_xFe_{1-x} thin films 28360
Florez, L.T. *see* Chang-Hasnain, C.J. 3619
Florez, L.T. *see* French, P.M.W. 20680
Florez, L.T. *see* Keay, B.J. 42529
Florez, L.T. *see* Luo, Y.S. 34849
Florez, L.T. *see* Mellish, P.M. 35718
Florez, L.T. *see* Tanaka, M. 11449
Florez, L.T. *see* Wu, Y.A. 28815
Florez, S.A.Jaramillo *see* Jaramillo Florez, S.A.
Florians, A. *see* Schut, T.C.B. 15823
Floricel, I. *see* Puflea, I. 29200
Florinskii, V.Y., Feoktistov, N.A., Pevtsov, A.B., Kosarev, A.I., Vinogradov, A.Y., Pilatov, A.G., Morozov, L.E., Golokoz, P.P., Chervinskii, V.N., Ganshin, V.M., Petrenko, N.S. Spectral and load characteristics of p-i-n converters of β-ray energy based on *a*-Si:H 35036
Florizone, R. *see* Vogt, J.M. 31581
Florkowska, B., Wlodek, R. Pulse height analysis of partial discharges in air 35128
Florsheimer, M. *see* Kupfer, M. 12351
Flory, C.A. *see* Baer, R.L. 14950
Flottman, K. *see* Balewski, K. 46775
Flotzinger, D., Kalcher, J., Pfurtscheller, G. LVQ-based on-line EEG classification 47098
Flotzinger, D. *see* Kubat, M. 24286
Floudas, C.A. *see* Ierapetritou, M.G. 17782
Flour, F.Chollet-Le *see* Chollet-Le Flour, F.
Flower, B., Jabri, M. Single and dual transistor synapses for analogue VLSI artificial neural networks 1359
Flower, G., Dugan, R., Zhang, J., Chang, J., Petruno, P. QPSK modulators for digital cellular communication 14516
Flowers, B.G. The new Eurovision Control Centre in Geneva 23270
Flowers, B.G. The new Eurovision Control Centre in Geneva 30951
Floyd, G. *see* Woods, R.F. 10337
Floyd, M.R., Chenier, R.J., Leach, D.A., Elder, R.R. An overview of the examination of fuel as follow-up to the 1988 November overpower transient in Pickering NGS-A Unit 1 8083
Floyd, M.R., Leach, D.A., Moeller, R.E., Elder, R.R., Chenier, R.J., O'Brien, D. Behaviour of Bruce NGS-A fuel irradiated to a burnup of ~500 MWh/kgU 8085
Floyd, M.R. *see* Carter, T.J. 8087
Floyd, P.D., Chao, C.P., Law, K.-K., Merz, J.L. Low-threshold lasers fabricated by alignment-free impurity induced disordering 43880
Floyd, P.D. *see* Yokogawa, T. 42473
Floyd, R.W. *see* Ceruti, M.G. 47125
Floyd, S., Jacobson, V. Random early detection gateways for congestion avoidance 22540
Floyd, S., Jacobson, V. The synchronization of periodic routing messages 30248
Flucke, P. *see* Turcu, I.C.E. 28025
Fluitman, J.H.J. *see* de Ridder, R.M. 45941
Fluitman, J.H.J. *see* Lammerink, T.S.J. 6390
Fluitman, J.H.J. *see* Prak, A. 46360
Fluitman, J.H.J. *see* Tilmans, H.A.C. 38483
Fluker, J., Mentzer, R. High resolution skew measurement 26818
Flur, M., Tendyck, H. With LonWorks: data on the power line 45664
Flusser, J., Suk, T. Affine moment invariants: a new tool for character recognition 45186
Flusser, J. *see* Matus, F. 21942
Fluxman, S. *see* Reita, C. 35071
Fluxman, S.M. Integrated active matrix liquid crystal displays 23788
Fluxman, S.M. Design and performance of digital polysilicon thin-film-transistor circuits on glass 34138
Fly, P.M. *see* Lang, V.A. 23785
Flyen, T. *see* Knight, R.H. 8384
Flyn, A.M. *see* Udayakumar, K.R. 11409
Flynn, C.P. *see* Yang, M.H. 9670
Flynn, M.J. *see* Schwarz, E.M. 18591
Flynn, M.J. *see* Schwarz, E.M. 18699
Flynn, P.J. *see* Moody, J. 4822
Flynn, P.J. *see* Newman, T.S. 13618
Flynn, R. Designing the custom electronics enclosure 33389
Flynn, T. *see* Bernard, Ph. 15504
Flynn, T. *see* Moffat, D. 15431
Foad, M.A. *see* Rahman, M. 19618
Foad, M.A. *see* Sotomayor Torres, C.M. 42487
Fobelets, K., Genoe, J., Vounckx, R., Borghs, G. A proposal for a three-bit A/D converter using three resonant tunnelling diodes 18824
Fobelets, K., Vounckx, R., Borghs, G. Matrix formalism for the triple-band effective-mass equation 19733
Focardi, E. *see* Dierickx, B. 24001
Foch, F.H. IVHS and road powered electric vehicles are these synergetic technologies politically feasible? 48205
Foch, H., Metz, M., Arches, J.-P., Saubion, C. Insulated gate components in "dual-thyristor" mode 32908
Foch, H. *see* Alonso, C. 2490
Foch, H. *see* Nuns, J. 8995
Fochesatto, G.J., Niedbalski, J., Rosito, C.A., Santiago, G.D. On pulse magnetic compression for laser driving 28923
Focht, M.W. *see* Catchmark, J.M. 12218
Focht, M.W. *see* Chirovsky, L.M.F. 20491
Focht, M.W. *see* Freund, J.M. 3863
Focht, M.W. *see* Kojima, K. 3579
Focht, M.W. *see* Morgan, R.A. 20829
Focht, M.W. *see* Pan, Z.G. 12137
Focht, M.W. *see* Swaminathan, V. 3864
Fochtman, P. *see* Gawin, J. 18630
Fock-Tian, J. *see* Rayner, R. 16230
Foden, C.L., Rando, N., Peacock, A., van Dordrecht, A. Optimization of superconducting tunnel junction based X-ray detectors 20211
Foehringer, R. *see* Noctor, D.M. 40945
Foelsche, H.W.J. *see* Huang, H. 7044
Foerdestroemmen, N.T. *see* Holmstroem, C.B.O. 32551
Foessel, A. *see* Guesalaga, A. 38386

Fofanov, Ya.A. *see* Indisov, V.O. 28925
Fofanov, Ya.A. *see* Indisov, V.O. 35941
Fog, C. *see* Gade, S. 46693
Fogarty, K.D., Katzeff, K. EURESCOM a new opportunity for collaborative R&D in European telecommunications 45378
Foger, K. *see* Badwal, S.P.S. 17326
Fogg, B.R. *see* Shyprykevich, P. 23676
Foggi, P. *see* Banfi, G.P. 3779
Fogle, W.E. *see* Soulen, R.J., Jr. 11544
Fogle, W.E. *see* Soulen, R.J., Jr. 46656
Fogler, R., Hostetler, L.D., Hush, D.R. SAR clutter suppression using probability density skewness 46040
Fogler, R.J., Koch, M.W., Moya, M.M., Hush, D.R. Feature discovery on segmented objects in SAR imagery using self-organizing neural networks 30868
Foglietti, P., Fortunato, G., Mariucci, L., Reita, C. Field effect analysis in low voltage operation a-Si:H thin film transistors with very thin PECVD a-SiO_2 gate dielectric 11223
Foglietti, V., Stawiasz, K.G., Ketchen, M.B., Koch, R.H. Performance of a flux locked series SQUID array 28411
Foglietti, V. *see* Laibowitz, R.B. 20208
Foglietti, V. *see* Sun, J.Z. 2901
Foglino, M. *see* Mezzanatto, G. 39235
Fohr, D. *see* Charpillet, F. 13417
Fohr, R., Raus, M. Automatic reading of motor vehicle licence number plates 36892
Fohrmann, F., Hauk, R., Schluter, B. Pressure build-up and energy conversion due to internal arcs in air and SF_6 8673
Foisel, H.-M. *see* Bruan, R.-P. 30576
Foit, P.J. A contribution to the problems of electromagnetic compatibility of power semiconductor systems 1681
Fokin, A.V. *see* Pashin, A.E. 32129
Fokin, G.A. *see* Chaly, V.P. 43877
Fokitis, E. *see* Adam, W. 46929
Fokkens, K. *see* Polman, H.L.A. 1218
Fokkink, L.G.J. *see* Sondag-Huethorst, J.A.M. 19695
Folberth, W. *see* Sass, W. 24341
Foldvari, I. *see* Powell, R.C. 21034
Foley, D.A. *see* Belohlavek, M. 7415
Foley, D.A. *see* Zheng, Y. 7406
Foley, J.B. *see* O'Rourke, E. 45160
Foley, O. Multi-access subscriber radio systems in Telecom Ireland's network 5399
Foley, P. *see* Chung, T.S. 17181
Foley, W.S. *see* Caldwell, S.P. 23171
Fol'gardt, A.V. Solution of a resource allocation game 480
Folkard, M.A., Shen, G., Kumar, V., Steele, T.A., Rees, D., Varga, I.K., Carr, D., Fueloep, K., Johnson, B.A., Orders, P.J., Hartley, R.H., Buskes, H., Gal, M. In-situ ellipsometric measurements of the MBE growth of CdTe/HgTe and CdTe/ZnTe superlattices 9563
Folkes, P.A. Fluctuating deep-level trap occupancy model for Hooge's 1/f noise parameter for semiconductor resistors 11253
Folkes, P.A. Fluctuating deep-level trap occupancy model for Hooge's 1/f noise parameter for semiconductor resistors 28186
Folkesson, B. *see* Larsson, R. 17295
Foll, H. Technological and economical aspects of mega-chip development 9181
Follesoe, K. *see* Holmstroem, C.B.O. 32551
Follett, D., Turner, C., Chaudhuri, R., Gilmore, R. Service and traffic management in global ATM networks 37309
Follett, D. *see* Gilmore, R.J. 13979
Follett, D.H. Transducer electrical isolators without critical adjustments 15820
Follett, R.E., Herrera, T.S. DCS controls upgrade for load management 39700
Follett, R.F. *see* Glenn, R.D. 47190
Follett, R.F. *see* Kambi, S.J. 42064
Folliot, B. *see* Boutaba, R. 14039
Folliot, B. *see* Boutaba, R. 45554
Folliot, C., Guillemois, P. Online transmission of rates or safeguard orders and of alarms 7941
Follstaedt, D.M. *see* Biefeld, R.M. 9524
Follstaedt, D.M. *see* Redman, D.A. 10868
Folsom, B.A. *see* Angello, L.C. 8123
Folsom, B.A. *see* Sanyal, A. 8125
Folsom, B.A. *see* Sanyal, A. 39934
Foltyn, C.M., Kaelber, D.P. Morgantown Energy Facility: a case history in planning and execution of performance testing 8149
Foltz, R. *see* Chang, K. 23195
Fomenkov, I.V., Sandstrom, R.L. High resolution spectral studies and the absolute wavelength calibration of a KrF excimer laser for microlithography 2363
Fomichev, B.N. *see* Akopov, S.G. 12661
Fomicheva, T.I. *see* Mironov, Yu.V. 47692
Fomin, A.F., Stafeyev, A.V. Statistical modeling of a phase-synchronization system under non-Gaussian interference conditions 36482
Fomin, E.A. *see* Abdullin, E.N. 3429
Fomin, E.A. *see* Boichenko, A.M. 17589
Fomin, E.A. *see* Kuznetsov, A.A. 3421
Fomin, I.P. *see* Skibenko, A.I. 42139
Fominaya, F. *see* Hebrank, F. 23968
Fominaya, F. *see* Lemke, S. 20198
Fominova, E.E. *see* Gruzdev, V.V. 4197
Fominova, E.I. *see* Borisov, L.A. 42137
Fominykh, Yu.A., Klepalov, Yu.A., Dobrotvorskii, E.M. Mechanical stress in the contacts when high-voltage switches are turned on 25558
Fominykh, Yu.A., Kuznetsov, V.I. Contact vibration of low-oil cutouts 40359
Fominykh, Yu.A. *see* Volkov, V.A. 33752
Fon-Shan Huang *see* Wen-Chun Wang 2256
Fon-Shan Huang *see* Wen-Chun Wang 19436
Fonash, S. *see* Reinhardt, K. 34743
Fonash, S.J. *see* Awadelkarim, O.O. 42744
Fonash, S.J. *see* Ditizio, R.A. 2201
Fonash, S.J. *see* Grot, S.A. 10910
Fonash, S.J. *see* Gu, T. 42973
Fonash, S.J. *see* Hou, J.-Y. 23577
Fonash, S.J. *see* Liu, G. 28174
Fonash, S.J. *see* Mikulan, P.I. 34865
Fonash, S.J. *see* Smith, J. 28175
Fonderie, J. *see* Hogervorst, R. 41686
Fondeur, J.-H. *see* Simeon, E. 47553
Fong, A.S. *see* Lai, Y.M. 19121
Fong, C. *see* Close, E. 23947
Fong, C.G. *see* Barnard, J.J. 31535
Fong, C.G. *see* Celata, C.M. 31562
Fong, C.G. *see* Yu, S.S. 15339
Fong, C.K., Lai, E.M.-K. AILAN: a local area network diagnostic expert system 37538
Fong, F.W. *see* Suorsa, R.E. 24425
Fong, T.K., Sabido, D.J.M., IX, Tabara, M., Kazovsky, L.G. Spurious-free dynamic range of linewidth-insensitive coherent AM analogue optical links 14628
Fong, T.K., Tabara, M., Sabido, D.J.M., IX, Kazovsky, L.G. Dynamic range of externally modulated analog optical links: optical amplification versus coherent detection 45999
Fong, T.K. *see* Jay, D. 30702
Fong Chi Kwong, Hon Wai Chun AI-assisted local area network diagnostic system 5537
Fong Yu-Chue *see* Yu-Chue Fong
FongChing Liaw *see* Wei, L. 13973
Fonjallaz, P.Y. *see* Limberger, H.G. 28473
Fonollosa, A.R. *see* Vidal, J. 13453
Fonollosa, J.A.R., Vidal, J. Analytic performance evaluation of cumulant-based ARMA system identification methods 487
Fonollosa, J.A.R. *see* Moreno, A. 13157
Fonollosa, J.A.R. *see* Vidal, J. 45028
Fonollosa, J.R., Nikias, C.L. Analysis of QAM signals using higher-order spectra-based time-frequency distributions 4730
Fonollosa, J.R., Nikias, C.L. Analysis of finite-energy signals using higher-order moments- and spectra-based time-frequency distributions 45027
Fons, P. *see* Motooka, T. 18163
Fonseca, J.R. *see* Vaisman, R. 24939
Fonseca, L., Campabadal, F. Effect of RTP/furnace processing on the minority carrier lifetime in very thin oxide MOS capacitors 19467
Fonseca, L. *see* Cane, C. 2007
Fonseca, L.M.G., Prasad, G.S.S.D., Mascarenhas, N.D.A. Combined interpolation−restoration of Landsat images through FIR filter design techniques 39345
Fonseca, R.J.M.da *see* da Fonseca, R.J.M.
Fonseka, M.C.M. A sub-structure condensation technique in finite element analysis for the optimal use of computer memory 18103
Fonstad, C.G. *see* Hirayama, Y. 44076
Fonstad, C.G. *see* Wong, V.V. 28853
Fonstad, C.G., Jr. *see* Shenoy, K.V. 20580
Fonstad, C.G., Jr. *see* Shenoy, K.V. 43132
Fontaine, B. *see* Truong, J.P. 11995
Fontaine, B. *see* Uteza, O. 12304
Fontaine, B.L. *see* Hueber, J.-M. 20630
Fontaine, B.La *see* La Fontaine, B.
Fontaine, C. *see* Bedel, E. 9633
Fontaine, C. *see* Garcia, B.J. 18138
Fontaine, C. *see* Guasch, C. 42499
Fontaine, M. Computations of optical birefringence characteristics of highly eccentric elliptical core fibers under various thermal stress conditions 20328
Fontaine, P. *see* Bourassa, S. 29627
Fontaine, R. *see* Wei, M. 47126
Fontan, F.P., Albo, J.L., Isasi, F. Development of a radiocommunications prediction tool based on a physical modelling approach 29176
Fontan, F.Perez *see* Perez Fontan, F.
Fontana, F., Bordogna, G., Franco, P., Midrio, M., Romagnoli, M. Conditions for soliton generation in harmonically mode locked erbium-doped fibre lasers 3522
Fontana, F., Bordogna, G., Grasso, G., Romagnoli, M., Midrio, M., Franco, P. Evaluation and measurement of the resonant group-velocity dispersion in erbium-doped fiber lasers 12081
Fontana, F., Bossalini, L., Franco, P., Midrio, M., Romagnoli, M., Wabnitz, S. Self-starting sliding-frequency fibre soliton laser 35740
Fontana, F., Grasso, G. The erbium-doped fiber amplifier: technology and applications 43809
Fontana, F., Ridi, N., Romagnoli, M., Franco, P. Fully integrated 30 ps modelocked fiber laser electronically tunable over 1530-1560 nm 43813
Fontana, F. *see* Esposito, E. 31773
Fontana, G. *see* Bozza, F. 47776
Fontana, R. *see* Risk, W.P. 3832
Fontana, R.R., Bauer, D.J. Multi-domain bond graph modeling for electronic packaging: a thermo-mechanical model 17911
Fontanari, J.F. *see* Meir, R. 21845
Fontanelli, F. *see* Adam, W. 7259
Fontanelli, F. *see* Adam, W. 31715
Fontanelli, F. *see* Adam, W. 46929
Fontanot, P. *see* Ramponi, G. 13540
Fonte, C. *see* Sauter, D. 33420
Fontenay, V. *see* Guimbal, P. 43975
Fontenille, A. *see* Adam, W. 7259
Fontenille, A. *see* Adam, W. 31715
Fontenille, A. *see* Adam, W. 46929
Fontes, A. *see* Bariatto, M. 2247
Fontes, E. *see* Aubry, Y. 6146
Fonvieille, H. *see* Bertin, P.Y. 38937
Foo, C.F. *see* Chong, C.C. 17472
Foo, C.F. *see* Chong, C.C. 17509
Fook, S.H. *see* Gordon, R.K. 21323
Fook Hoong Choo *see* Choo Fook Hoong
Foor, W.E. *see* Kozaitis, S.P. 4949
Foor, W.E. *see* Kozaitis, S.P. 30118
Foord, J.S., Wee, A.T.S., Singh, N.K., Whitaker, T.J., O'Hare, D. The adsorption and decomposition of gallane adducts on GaAs (100) 42782
Foord, J.S., Whitaker, T.J., Downing, E.N., O'Hare, D., Jones, A.C. Investigation of the growth on gallium arsenide thin films by metalorganic molecular beam epitaxy using gallane-quinuclidine adduct 697
Foord, J.S. *see* Davies, G.J. 41380
Foord, J.S. *see* Jackman, R.B. 41447
Foote, F.B. *see* Ferravante, L. 3755
Footner, P.K. *see* Richards, B.P. 2735
Footner, P.K. *see* Richards, B.P. 27374
Foppa, C. Electricity supply and water charges: the view point of the energy producers 47356
Forand, J.L. *see* Fournier, G.R. 16008
Forbes, A.B. Validation of assessment software in dimensional metrology 46300
Forbes, B. *see* Douglas, M. 5815
Forbes, C.A., Pierre, J.F. The solid fuel-cell future 17308
Forbes, D.M. *see* Langstaff, D.P. 46942
Forbes, D.V. *see* Cockerill, T.M. 20833
Forbes, D.V. *see* Cockerill, T.M. 43853
Forbes, D.V. *see* Fang, Z.J. 35883
Forbes, D.V. *see* Smith, G.M. 20783
Forbush, D. *see* Davison, D. 31709
Forcada, M.L., Mate, C.M. The flow of thin lubricant films on rotating disks 2817
Forchel, A. *see* Bacher, G. 43921
Forchel, A. *see* Ils, P. 27548
Forchel, A. *see* Kieslich, A. 27652
Forchel, A. *see* Oshinowo, J. 10809
Forchel, A. *see* Reithmaier, J.P. 27656
Forchel, A. *see* Schmidt, A. 42512
Forchiel, A. *see* Ils, P. 10707
Forchione, J. *see* LaConti, A.B. 17143
Forcorni, G. *see* Beingessner, S.P. 31761
Ford, A.E.W., Mathews, J.R., Gregory, B., Williams, G. Polymeric insulated high voltage cables and accessories in London's distribution system: a review of design, installation and performance 16358
Ford, A.E.W. *see* Beament, I.R. 16342
Ford, A.P., Turman, C.W. Application of state of the art techniques for evaluating substation grounding 32479
Ford, C.J.B., Simpson, P.J., Pepper, M., Kern, D., Frost, J.E.F., Ritchie, D.A., Jones, G.A.C. Coulomb blockade in small quantum dots 27512
Ford, C.J.B. *see* Simpson, P.J. 10712
Ford, D.H. *see* Barnett, A.M. 48125
Ford, G.A., II, Doreswamy, C.V. An investigation of the variation of alternating current characteristics of electrical insulation materials used on spacecraft power systems 47211
Ford, G.E. *see* Algazi, V.R. 13564
Ford, J., Xu, F., Krishnamoorthy, A., Urquhart, K., Fainman, Y. Polarization-selective computer-generated holograms for optical multistage interconnection networks 28546
Ford, J.E., Hunter, S., Piyaket, R., Fainman, Y., Esener, S.E., Dvornikov, A.S., Rentzepis, P.M. 3-D two photon memory materials and systems 20245
Ford, J.E. *see* Takahashi, H. 20497
Ford, J.R. *see* Beech, S.C. 6008
Ford, L.M. *see* Quinn, P.D. 15454
Ford, P. *see* O'Shaughnessy, K. 47008
Ford, P.H. *see* Drahota, A. 22579
Ford, R.E. *see* Tehrani, F.T. 21725
Ford, R.M., Strickland, R.N. Image compression for flow visualization and analysis 22095
Ford, R.M., Strickland, R.N., Thomas, B.A. Image models for 2-D flow visualization and compression 29985
Fordestrommen, N.T. *see* Haugset, K. 39800
Fordyce, W.F. A maintenance system for the OTH-B MATE with RF augmentation 23447
Foreman, W. *see* Anderson, G. 38901
Foresi, J. *see* Greenwald, A. 9781
Forest, E. *see* Berg, J.S. 46780
Forest, E. *see* Robin, D. 6895
Forest, F., Gonzalez, J., Costa, F. Use of soft-switching principles in PWM voltage inverters design 16968
Forest, F. *see* Costa, F. 27110
Forest, F. *see* Laboure, E. 15159

Forest, F. *see* Lefebvre, S. 1058
Forest, F. *see* Lefebvre, S. 32909
Forest, F. *see* Oukaour, A. 16986
Forest, T.M. *see* Ko, S.-J. 22157
Foresti, G., Murino, V., Regazzoni, C.S., Vernazza, G. Integration of a voting scheme and a stochastic relaxation algorithm for edge labeling 13787
Foresti, G. *see* Murino, V. 13661
Foresti, G.L. *see* Matteucci, P. 45235
Forestier, B. *see* Truong, J.P. 11995
Forestier, B. *see* Uteza, O. 12304
Forge, L.E.La *see* La Forge, L.E.
Forghani, B. *see* Webb, J.P. 44247
Forghieri, F., Bononi, A., Jian-Guo Zhang, Prucnal, P.R., Picchi, G., Prati, G. Architectures and techniques for all-optical networks 46021
Forghieri, F. *see* Bononi, A. 5945
Forghieri, F. *see* Bononi, A. 45956
Forhringer, R. *see* Lau, J. 10561
Fork, D.K., Kingston, J.J., Anderson, G.B., Tarsa, E.J., Speck, J.S. Progress toward viable epitaxial oxide ferroelectric waveguide heterostructures on GaAs 28309
Fork, D.K. *see* Johnson, R.I. 27492
Fork, D.K. *see* Mei, P. 42911
Fork, D.K. *see* Nashimoto, K. 9662
Fork, D.K. *see* Ramesh, R. 11372
Fork, D.K. *see* Ramesh, R. 28307
Fork, D.K. *see* Ramesh, R. 28337
Fork, D.K. *see* Ramesh, R. 35136
Fork, D.K. *see* Ready, S.E. 27459
Forloni, G. *see* Masseroli, M. 22263
Forman, G.A. *see* Lyke, J.C. 40929
Forman, R.L. PECo pushes for better performance 8100
Formann, M., Wagner, D., Wagner, F. Routing through a dense channel with minimum total wire length 937
Formato, R. Sloping vees for VHF and UHF 36380
Formato, R.A. An antenna for all meteors? 45904
Formicheva, M.A. *see* Kozlov, L.V. 18338
Formiconi, A.R. *see* Passeri, A. 31869
Fornaciari, W. *see* D'Amore, D. 963
Fornal, B. *see* Davids, C.N. 24115
Fornasieri, C. *see* Hertz, J. 17223
Fornel, B.de *see* de Fornel, B.
Forner, E. *see* Netz, J. 7445
Forney, G.D., Jr., Trott, M.D. The dynamics of group codes: state spaces, trellis diagrams, and canonical encoders 36504
Forney, L.J. *see* Fralick, G.C. 14995
Forr Yang Jar *see* Jar Forr Yang
Forrer, J.B. *see* Funck, J.W. 6787
Forrer, M. *see* Konz, F. 3570
Forrest, S.R. *see* Dong-Su Kim 46452
Forrest, S.R. *see* Freitag, P.M. 4337
Forrest, S.R. *see* Sawchuk, A.A. 20490
Forrest, S.R. *see* So, F.F. 9529
Forrest, S.R. *see* Song Yu 35536
Forrest, S.R. *see* Song Yu 43674
Forrester, M.G. *see* Bluzer, N. 31218
Forriol, F. *see* Vinolas, J. 7459
Forrset, S.R. *see* Song Yu 43566
Forse, R.J. *see* Dawei Zhang 34251
Forse, R.J. *see* Fetterman, H.R. 27247
Forsgren, M. *see* Rydberg, A. 36376
Forssen, U. Adaptive bilinear digital filters 27078
Forster, A., Lange, J., Gerthsen, D., Dieker, Ch., Luth, H. The effect of growth temperature on AlAs/GaAs resonant tunnelling diodes 19746
Forster, A. *see* Brugger, H. 46387
Forster, E.O. Partial discharges and streamers in liquid dielectrics—the significance of the inception voltage 35157
Forster, E.O. *see* Pompili, M. 35112
Forster, G., Hallatschek, K., Wilhelm, D., Probst, F., Seidel, W., Kellner, E., Feilitzsch, F.v. Calorimeters with proximity-effect thermometers and lead and tin absorbers 23528
Forster, G. *see* Frank, M. 24026
Forster, G. *see* Nagel, U. 24049
Forster, H.-J. Attenuation of reflections measured on digital interfaces 46289
Forster, J. *see* Machetanz, J. 24143
Forster, J.C. *see* Keller, J.H. 1986
Forster, J.K.W. *see* Carthmell, M.P. 227
Forster, K., Michalek, P. Environmental protection in cable network construction 16322
Forster, K.-J. Exit criteria and monotonicity in compound quadrature of Gaussian type 26365
Forster, P. *see* Martinerie, F. 21880
Forster, T. *see* Braun, P. 47704
Forster, Th. *see* Jakubowicz, A. 3588
Forsyth, A.J. *see* Makowski, M.S. 17051
Forsyth, E.B. Superconducting power transmission systems—the past and possibly the future 7969
Forsyth, E.B. The aging of electrical insulation at cryogenic temperatures 24971
Forsyth, M.E., Sutherland, A.M., Elliott, J.A., Jack, M.A. HMM speaker verification with sparse training data on telephone quality speech 4553
Forsyth, M.E., Sutherland, A.M., Elliott, J.A., Jack, M.A. HMM speaker verification with sparse training data on telephone quality speech 29517
Forsyth, P.A., Krause, G., Peter, T. Robust harmonic filters for use in electric power supply systems 24649
Forsyth, W.S., Safavi-Naini, R. Automated cryptanalysis of substitution ciphers 12863
Forsythe, K.W. *see* Kachelmyer, A.L. 4444
Fort, A., Manfredi, C., Masotti, L., Rocchi, S. Spectral maps by AR models as a support to conventional ultrasonic imaging 24262
Fort, A., Vignoli, V. Plate laminae stacks: modelling and simulation of elastic guided propagation 9814
Fort, A.F. *see* Varkey, A.J. 33676
Fort, D. An ultrahigh vacuum Czochralski crystal growth system using either hot of cold crucibles 9510
Fort, J.D., Birks, M.J. Opportunities for renewable energy in the Manweb region 25113
Forte, I. *see* Shinar, J. 24575
Forte, P., Brown, G., Barnwell, P., Malyan, R., Netherwood, P. Automatic inspection of electronic surface mount assemblies 1726
Forte, P. *see* Brown, G. 33808
Forte, P. *see* Brown, G. 40997
Fortenberry, R.M. *see* Cai, Y. 38052
Fortgang, C. *see* Nguyen, D.C. 43972
Fortgang, C.M. *see* O'Shea, P.G. 12263
Fortgang, C.M. *see* O'Shea, P.G. 43968
Forti, F., Wright, M.E. Measurement of MOS current mismatch in the weak inversion region 42971
Forti, F. *see* Dierickx, B. 24001
Forti, S.Lo *see* Lo Forti, S.
Fortier, L. Computer-aided fault location of UG distribution cables 7956
Fortier, M. A store-and-forward architecture for video-on-demand service 38358
Fortier, P. *see* Jacob, M. 13346
Fortier, S.C., Wilmot, A. Test and diagnostics product data representation 17819
Fortin, B. *see* Sarret, M. 9762
Fortin, B. *see* Sarret, M. 33700
Fortin, C., Ohley, W., Gewirtz, H. Probability density in the analysis of medical images 31907
Fortin, C. *see* Jacquet, J. 35974
Fortin, J.C. *see* Gosselin, B. 32125
Fortin, S. *see* Kamwa, I. 24607
Fortmann, C.M., Dawson, R.M.A., Gunes, M., Wronski, C.R. Amorphous silicon dispersive transport considerations for analysis of films and solar cells 42433
Fortney, L. *see* Boden, A. 38859
Fortnow, L., Szegedy, M. On the power of two-local random reductions 12885
Fortov, V.E. *see* Karpushin, Yu.V. 40388
Fortov, V.E. *see* Ostashev, V.E. 29115
Fortson, H.S. *see* Girgis, A.A. 26096
Fortuna, F. *see* Ruault, M.-O. 34673
Fortuna, G., Facco, A., Bassato, G., Battistella, A., Bellato, M., Bisoffi, G., Buso, G.P., Canella, S., Cavenago, M., Cervellera, F., Chiurlotto, F., Dainelli, A., Favaron, P., Ghosh, S., Lombardi, A., Moisio, M.F., Palmieri, V., Pengo, R., Poggi, M., Porcellato, A.M., Rudolph, K., Sokolowski, J.S., Stark, S.Y., Zhang, T. Completion of the first phase and studies for the upgrading of the ALPI project at LNL 6906
Fortuna, G. *see* Amendola, G. 15300
Fortuna, G. *see* Cervellera, F. 15397
Fortuna, L. *see* Carrara, R. 9923
Fortunato, E., Vieira, M., Carvalho, C.N., Lavareda, G., Martins, R., Soares, F., Ferreira, Luis. Performances presented by a position sensitive detector based on amorphous silicon technology 38520
Fortunato, E., Vieira, M., Ferreira, L., Carvalho, C.N., Lavareda, G., Martins, R. Large area position sensitive detector based on amorphous silicon technology 31307
Fortunato, E., Vieira, M., Lavareda, G., Ferriera, L., Martins, R. Material properties, project design rules and performances of single and dual-axis a-Si:H large area position sensitive detectors 31313
Fortunato, E. *see* Vieira, M. 33031
Fortunato, E. *see* Vieira, M. 40491
Fortunato, G., Carluccio, R., Mariucci, L. Application of the photo induced discharge technique for the investigation of a-Si:H thin-film transistor instability 34992
Fortunato, G., Mariucci, L. Instability in amorphous silicon dioxide/amorphous silicon structures 10783
Fortunato, G. *see* Carluccio, R. 9686
Fortunato, G. *see* Carluccio, R. 34996
Fortunato, G. *see* Foglietti, P. 11223
Fortunato, G. *see* Pecora, A. 31342
Fortunato, G. *see* Pecora, A. 34967
Fortunato, G. *see* Quinn, M. 34969
Fortune, D. *see* Hantouche, C. 38394
Fortunko, C.M., Hamstad, M.A., Fitting, D.W. High-fidelity acoustic-emission sensor/preamplifier subsystems: modeling and experiments 14954
Fortunko, C.M. *see* Fitting, D.W. 9818
Fortunko, C.M. *see* Petersen, G.L. 31532
Forysiak, W., Doran, N.J. Conjugate solitons in amplified optical fibre transmission systems 30750
Forysiak, W., Knox, F.M., Doran, N.J. Average soliton propagation in periodically amplified systems with stepwise dispersion-profiled fiber 28468
Forysiak, W. *see* Doran, N.J. 12407
Fos, R.Vives *see* Vives Fos, R.
Foschini, G.J., Gopinath, B., Miljanic, Z. Channel cost of mobility 22834
Foschini, G.J., Miljanic, Z. A simple distributed autonomous power control algorithm and its convergence 22849
Foss, A.M. FACTS opportunities in England and Wales 39572
Foss, E.Waterman *see* Waterman Foss, E.
Foss, S.D., Savio, L. Mathematical and experimental analysis of the field drying of power transformer insulation 32895
Fossati, C. Measuring instrumentation management in a laboratory for mechanical and microstructural testing 40902
Fossati, C. *see* De Martinis, C. 15510
Fossati, F. Instrumentation amplifiers 9985
Fossati, F. The present and future of the relay 10546
Fossati, F. Communicate through gate array 18567
Fossati, F. AT&T hardware for GSM telephony 45814
Fosse, J.P.Mouchel La *see* Mouchel La Fosse, J.P.
Fossion, M. *see* Durvaux, M. 37900
Fosso, O.B. *see* Flatabo, N. 24605
Fossum, E.R., Pain, B. Infrared readout electronics for space science sensors: state of the art and future directions 31217
Fossum, E.R. *see* Krabach, T.N. 23630
Fossum, J.G. *see* Ugajin, M. 42874
Foster, A. An optimised solution for power-control ASICs 9942
Foster, B., Malos, J., Saxon, D.H., Clark, D.E., Jamdagni, A.K., Markou, C., Miller, D.B., Miller, D.G., Toudup, L.W., Auty, C.G., Blair, G.A., Brooks, C.B., Cashmore, R.J., Hanford, A.T., Harnew, N., Holmes, A.R., Linford, W., Martin, N.C., McArthur, I.C., Nash, J., Nobbs, K.N., Wastie, R.L., Williams, M.T., Wilson, F.F., Wilson, R.D., Hart, J.C., Hatley, R.W., Hiddleston, J.W., Gibson, M.D., McCubbin, N.A., Middleton, A., Morrissey, M.C., Morrow, D., O'Brien, P., Payne, B.T., Roberts, J.C.H., Shaw, T.B., Sinclair, C.K., Wallis, E.W.G., White, D.J., Yeo, K.L., Bullock, F.W., Dumper, J., Fraser, T.J., Hayes, D., Jones, T.W., Strachan, D.E., Vine, I.A. The design and construction of the ZEUS central tracking detector 31714
Foster, B. *see* Sudersena Rao, T. 41331
Foster, C. High speed connections via printed circuits 34447
Foster, C. *see* Korevaar, E. 6046
Foster, C.M. *see* Bai, G.R. 41450
Foster, D.F., Glidewell, C., Cole-Hamilton, D.J. Probing the mechanisms of growth of gallium arsenide by metalorganic vapor phase epitaxy using experimental and theoretical studies of designed precursors 41287
Foster, D.F., Patterson, I.L.J., James, L.D., Cole-Hamilton, D.J., Armitage, D.N., Yates, H.M., Wright, A.C., Williams, J.O. Tackling problems in the growth of ZnS/Se through precursor design 33607
Foster, D.F. *see* Hoare, R.D. 41373
Foster, E., Jen, K.C., Paddock, C., Radcliffe, J., Vetter, W. High-performance packaging of gigabit data communication optical modules 33364
Foster, F. *see* Beaumont, S.P. 15637
Foster, F.S., Lockwood, G.R., Ryan, L.K., Harasiewicz, K.A., Berube, L., Rauth, A.M. Principles and applications of ultrasound backscatter microscopy 15704
Foster, F.S. *see* Gambetti, C. 31853
Foster, F.S. *see* Gibson, W.G.R. 16039
Foster, F.S. *see* Lockwood, G.R. 16049
Foster, F.S. *see* Ryan, L.K. 7408
Foster, F.S. *see* Ye, S.G. 7409
Foster, G.T., Capewell, P. Characterisation of narrowband modulation schemes over a measured fading FM channel 22886
Foster, G.W. *see* Abbott, B. 7245
Foster, G.W. *see* Yarema, R.J. 18546
Foster, H.M. *see* Kenyon, D.A. 30662
Foster, J. *see* Cronstrom, H. 31804
Foster, J. *see* Katz, B.A. 2331
Foster, K.R. *see* Mirotznik, M.S. 36401
Foster, K.R. *see* Mirotznik, M.S. 39086
Foster, L.A. *see* Pinizzotto, R,F. 33754
Foster, P.R. Reflector antennas for ultrawideband usage 44588
Foster, R. *see* Srinivas, D. 41486
Foster, R.F. *see* Arora, R. 799
Foster, R.F. *see* Marcus, S.D. 9772
Foster, R.F. *see* Studiner, D.W. 826
Foster, R.S., Matney, S.C. Quantifying features in the dynamic spectra of radio pulsars: localization of fringe features using wavelet transforms 21835
Foster, R.S. *see* Stanghvi, N.T. 15713

Foster, S., Ferrer, D. Electronic mail: expanding library services beyond traditional boundaries 30349
Foster, S.R. Adding voice and data to cable 38335
Foster, T.J. *see* Sakai, J.W. 42850
Foster, W. *see* Harmon, J.P. 24020
Foster Bitton, D. *see* Weinstein, L.F. 7528
Fotakis, C. *see* Hontzopoulos, E. 12500
Foth, E. V.24 terminal adaptor for ISDN terminals 22666
Foth, E. *see* Bergler, F. 22697
Fothergill, A.P. *see* Carthmell, M.P. 227
Fothergill, J.C. A critical review of water treeing mechanisms 43156
Foty, S.M. *see* Anders, G.J. 32425
Fouad, A.A. *see* Lamont, J.W. 32183
Fouad Hanna, V. *see* Amrani, C. 1629
Fouad Hanna, V. *see* Bouzidi, F. 27160
Fouad Hanna, V. *see* Man-Fai Wong 18989
Fouad Hanna, V. *see* Visan, S. 1627
Fouad Hanna, V. *see* Visan, S. 42240
Fouad Hanna, V. *see* Wong, M.F. 29245
Fouad-Hanna, V. *see* Pujol, S. 19090
Fouaidy, M., Junquera, T., Brizzi, R., Aune, B., Gratadour, J., Juillard, M. Thermal model calculations in superconducting RF cavities 15516
Fouche, L., Botha, L., Ferreira, H.C. Band pass line codes 12942
Foucher, J.C., Butstraen, P. Advanced design HRSGs behind 200 MW−class gas turbines 40020
Fouda, S.E. *see* Salama, M.M.A. 35171
Foudas, C. *see* Auchincloss, P.S. 46953
Foudas, C. *see* Kinnel, T.S. 38880
Fouillant, C. *see* Grunberg, P. 35836
Fouillant, C. *see* Leclercq, J.L. 12209
Fouillant, C. *see* Tournie, E. 43939
Fouillat, P., Danto, Y., Dom, J.P. Localization and characterization of latch-up sensitive areas using a laser beam: influence on design rules of ICs in CMOS technology 19992
Fouilloux, J.M., Duphil, N., Moulet, S., Cazaudebat, H. Perceived and physical quality of electricity: towards the QUALIMAT 24893
Fouillouze, O. *see* Abitbol, M. 38713
Fouladgar, J., Chentouf, A. The calculation of the impedance of an induction plasma installation by a hybrid finite-element boundary-element method 44274
Foulloy, L. *see* Mauris, G. 46299
Foulon, F., Geen, M. Through-wafer via fabrication in gallium arsenide by excimer laser projection patterned etching 2127
Fountain, T.J. *see* Duff, M.J.B. 29879
Fountain, T.J. *see* Fung, Y.-F. 30003
Fountzoulas, C. *see* Moustakas, T.D. 9735
Fouques, M. Matracom 6500: new high-speed transmission developments 22735
Fouquet, F., Gautier, J.L., Pasquet, D., Josse, C. Broadband MMIC amplifier with active matching 27271
Fouracre, R. *see* Al-Najmawi, J.S. 35124
Fouracre, R.A., Al-Attabi, A., Banford, H.M. Effects of radiation doses up to 2 MGy on the thermally stimulated discharge current spectra for a cured epoxy resin system 35162
Fourcade, R. *see* Stoehr, M. 9645
Fourches, N. *see* Dentan, M. 34183
Fourcin, A.J. *see* Faulkner, A. 24360
Fourdin, P. *see* Guimbal, P. 43975
Fourdin, P. *see* Joly, S. 44009
Foure, J.L. *see* Noel, B. 2755
Fourgon, C., Legros, W., Lerondeau, A., Morant, M. The monitoring of medium voltage switchgears 25575
Fourikis, N. Microwave engineering education in Australia 17754
Fourikis, N. *see* Alameh, K.E. 36445
Fourmigue, J.-M. *see* David, E. 43194
Fourmigue, J.-M. *see* Seguin, J.-N. 43196
Fourmigue, J.M. *see* Clavreul, R. 43200
Fourneau, J.-M., Gelenbe, E. Multiple class G-networks 26281
Fourneau, J.M., Gelenbe, E., Suros, R. G-Networks with multiple class negative and positive customers 33470
Fournet, J.S. *see* Hwu, S.U. 44580
Fournier, D., Lamarre, L. Effect of pressure and temperature on interfacial breakdown between two dielectric surfaces 43146
Fournier, D. *see* Mansanares, A.M. 12148
Fournier, D. *see* Mansanares, A.M. 20812
Fournier, G. *see* Bertin, P.Y. 38937
Fournier, G. *see* Blomqvist, I. 38934
Fournier, G.R., Bonnier, D., Forand, J.L., Pace, P.W. Range-gated underwater laser imaging system 16008
Fournier, L. *see* Lemay, J. 37222
Fournier, P. *see* Aubin, M. 6769
Fournier, V., Dangla, J., Dubon-Chevallier, C. Investigation of emitter current crowding effect in heterojunction bipolar transistors 2444
Fousek, J. *see* Cudney, R.S. 20073
Fouts, D.J., Gonter, T.C. A microprocessor interface for ferroelectric capacitor memory 26939
Fouts, D.J. *see* Richstein, J.K. 41957
Fowler, A.B. A semicentury of semiconductors 19496
Fowler, B., O'Brien, E. Relationships between the material properties of silicon oxide films deposited by electron cyclotron resonance chemical vapor deposition and their use as an indicator of the dielectric constant 41394
Fowler, B., Stark, D., Xie, J., McDonald, P., Carpio, R., Akbar, S. Properties of silicon oxide deposited by electron cyclotron resonance plasma enhanced chemical vapor deposition [interlayer dielectric] 19671
Fowler, B. *see* Lian, S. 9557
Fowler, C., Stuart, J., Lo, T., Tate, M. Using the usability laboratory: BT's experiences 45409
Fowler, C.A. DOs and DON'Ts for young EEs 9088
Fowler, E.P. Screening of cables and connectors 42269
Fowler, E.P., Bardsley, D.J. Testing system immunity to conducted interference 38875
Fowler, J.E., Ahalt, S.C. Robust, variable bit-rate coding using entropy-biased codebooks 4851
Fowler, J.E., Ahalt, S.C. Robust, high-fidelity coding technique based on entropy-biased ANN codebooks 29766
Fowler, J.E., Ahalt, S.C. Robust, high-fidelity coding technique based on entropy-biased ANN codebooks 29925
Fowler, J.E., Jr., Carbonara, M.R., Ahalt, S.C. Image coding using differential vector quantization image coding using differential vector quantization 22042
Fowler, N.L. *see* Lewicki, T.F. 25055
Fowler, T. *see* Sullivan, R. 25192
Fowlis, D.C. *see* Peters, D.W. 2323
Fowlkes, J.B. *see* Jeffers, R.J. 15898
Fox, A.M. The business case for radio based AMR 45493
Fox, A.M., Ispasoiu, R.G., Foxon, C.T., Cunningham, J.E., Jan, W.Y. Carrier escape mechanisms from $GaAs/Al_xGa_{1-x}As$ multiple quantum wells in an electric field 10690
Fox, B. *see* Jovanovic, S. 32197
Fox, B. *see* Wupperman, B. 33937
Fox, B.L. Uniting probabilistic methods for optimization 546
Fox, B.L. Random restarting versus simulated annealing 33492
Fox, B.L. *see* Bratley, P. 602
Fox, C. *see* Coates, D. 40622
Fox, D. Using satellite remote sensing to produce a terrain cover database for the UK−a pilot study 36215
Fox, E.A. *see* Patel, S. 5548
Fox, G. *see* Chen, T. 13899
Fox, G.C. *see* Hariri, S. 13896
Fox, J. *see* Hindi, H. 7090
Fox, J. *see* Oxoby, G. 6999
Fox, J.D., Corredoura, P. Amplification and damping of synchrotron oscillations via a parametric process 7094
Fox, J.D., Eisen, N., Hindi, H., Oxoby, G., Sapozhnikov, L., Linscott, I., Serio, M. Multibunch feedback−strategy, technology and implementation options 6966
Fox, J.M. *see* Paik, W.H. 38297
Fox, K. *see* Knight, D.G. 18152
Fox, L.J. *see* Schoeneman, J.L. 30671
Fox, M.D. *see* Goetz, M.J., Jr. 38974
Fox, N.P. Improved near-infrared detectors 23608
Fox, N.P. *see* Durant, N.M. 23612
Fox, N.P. *see* Durant, N.M. 46437
Fox, R., Josephson, J. Explicit noise hypotheses in speech recognition 29534
Fox, R., Vander Molen, A., Hannuschke, S. Portable data flow in UNIX 46323
Fox, R. *see* Chaussy, D. 14779
Fox, R.A. *see* Lehiste, I. 4510
Fox, R.M. *see* Mandal, S. 19879
Fox, R.M. *see* Zweidinger, D.T. 19778
Fox, R.W. *see* Waltman, S. 6302
Fox, S. Should electronic equipment manufacturers use contract manufacturers for SMT/FPT assembly? 34364
Fox, W. *see* Anderson, D.R. 7064
Fox, W. *see* Padamsee, H. 6995
Foxon, C.T. *see* Fox, A.M. 10690
Foxon, C.T. *see* Liefrink, F. 19361
Foxon, C.T. *see* Liefrink, F. 19362
Foxon, C.T. *see* Matin, M.A. 35837
Foxon, C.T. *see* Mellor, C.J. 42720
Foxon, C.T. *see* Wang, J. 19562
Foxon, T. *see* Barnham, K. 25692
Fraas, L.M. III-V materials for photovoltaic applications 20527
Fraass, B.A. *see* McShan, D.L. 7464
Fracassi, F. *see* d'Agostino, R. 2181
Fracassi, G.L., Mirra, C., Bertolino, G., Silvestri, M., Manara, R. ENEL distribution information system and user connection expert system as tools to control and manage service quality 24915
Fracchai, M. *see* Firpo, P. 17566
Fracchia, M., Marchesoni, M., Pozzobon, P., Puglisi, L. Accurate power diode model for general purpose digital simulation 1039
Fracchia, M. *see* Bolognani, S. 17526
Fracchia, M. *see* Coles, P.C. 8929
Fraces, M. *see* Churoux, P. 11752
Frachon, D. *see* Chavanne, J. 7108
Frackoviak, J. *see* Cummings, K.D. 27973
Frackoviak, J. *see* Mixon, D.A. 27966
Frackowiak, L., Plenzler, G., Zyborski, J. Integral assessment criterion of commutation margin in line commutated thyristor inverter at states of asymmetry in the power system 8594
Frade, J.R. *see* Marques, R.M.C. 17362
Fradkin, E.E. *see* Kozlov, V.V. 44100
Fraenkel, A., Finkman, E., Maimon, S., Bahir, G. Vertical drift mobility of excited carriers in multi quantum well structures 46443
Fraenkel, P.L. *see* Macnaughton, D. 25262
Fraenkel, Z. *see* Baur, R. 46897
Fraenkel, Z. *see* Baur, R. 46911
Fraga, F., Policarpo, A., Ferreira Marques, R. Systematics of the SQS current pulses on the plateau region 15654
Fraga, M.M., de Lima, E.P., Ferreira Marques, R., Policarpo, A.J.P.L., Alves, M.A.F., Salete, S.C.P., Leite, M. Emission spectra of gaseous avalanches and their time structure 15655
Fragiacomo, S. *see* Yordanov, B. 29215
Fraguier, S.de *see* de Fraguier, S.
Fraigniaud, P. *see* Bermond, J.-C. 45328
Fraile-Pelaez, F.J., Prol, M., Santos, D.J., Soto-Crespo, J.M. Transient analysis of a nonlinear fiber ring resonator 3022
Frainier, R., Groleau, N., Hazelton, L., Colombano, S., Compton, M., Statler, I., Szolovits, P., Young, L. PI-IN-A-BOX: a knowledge-based system for space science experimentation 47173
Fraise, J.L., Marty, A. Automation policy for EDF networks 7844
Fraise, P. *see* Coulomb, B. 22821
Fraise, P. *see* Jung, P. 22957
Fraishteter, V.P. *see* Ermakov, S.A. 9070
Fraishteter, V.P. *see* Kudryashov, R.A. 9069
Fraishteter, V.P. *see* Sushkov, V.V. 9068
Fraissard, D. *see* Adam, W. 46929
Fraisse, B. *see* Kohl, A. 9643
Fraisse, B. *see* Stoehr, M. 9645
Fraissler, W.F. *see* Markovic, M.L. 7901
Fralick, G.C., Forney, L.J. Frequency response of a supported thermocouple wire: effects of axial conduction 14995
Frampton, K.D. *see* Guigou, C. 32126
Franc, J. *see* Hlidek, P. 20523
Franc, J. *see* Hoschl, P. 27733
Franca, J.E. *see* Martins, R.P. 1312
Franca, P.M. *see* Carneiro S., M. 7937
Francavilla, T.L. *see* Gubser, D.U. 11548
France, M.E.B. *see* Liefer, R. 124
Frances, H. *see* Razban, T. 36375
Francescato, A. *see* Beaumont, S.P. 15637
Franceschetti, G. *see* Dutt, R.B. 12549
Franceschi, J.M. CTCC cogeneration systems and steam supply availability: an investigation of dynamic availability 47749
Franceschi, O., Marklund, P. The HD-DIVINE coding algorithm 30993
Franceschi, R.De *see* De Franceschi, R.
Franceschini, G., Marchisio, P., Panicciari, P., Venuti, G. A prototype of audio visual interactive system on broadband ISDN 22660
Franceschini, G., Rosso, G., Troglia, G.P., Fratta, A., Vagati, A. Performance of synchronous reluctance motors in servo-drive applications 40267
Franceschini, G., Tassoni, C. Time harmonic investigation of flux density in the stator and rotor frame oriented to diagnostics of cage induction machines 8387
Franceschini, G. *see* Filippetti, F. 16834
Franceschini, M.A., Pini, R., Salimbeni, R., Vannini, M., Fu, S. Long pulse XeCl laser in auto prepulse: characteristics and perspectives 11996
Francese, A. *see* Barbetta, L. 22862
Francese, F. Progress in compact polymer films 18319
Francese, F. Capacitors integrated in thick film 19248
Francese, F. *see* Donati, S. 5887
Franch, R.L. *see* Kister, J. 10038
Franch, R.L. *see* Shin, H.J. 34045
Franche, C. *see* Legros, D. 32648
Franchi, D., Palagi, G., Bedini, R. A PC-based generator of surface ECG potentials for computer electrocardiograph testing 47108
Franchi, S., Guarda, R., Prampolini, F. Mass Storage management for distributed image/video archives 22593
Franchi, S. *see* Bocchi, C. 694
Franciosi, A. *see* Biasiol, G. 34584
Franciosi, A. *see* Bratina, G. 1908
Franciosi, A. *see* Cantile, M. 34893
Francis, D. *see* Nabiev, R.F. 20936
Francis, D. *see* Storey, H. 8055
Francis, D.A. *see* Vail, E.C. 12094
Francis, D.J. *see* Bee, C.P. 38899
Francis, J., Maver, L., Schott, J.R. Comparison of physically and computer generated imagery 4901
Francis, J. *see* Webster, S. 1297
Francis, L.C. *see* Caccamise, D.J. 16103
Francis, O., Berge, M. Estimate of the radial orbit error by complex demodulation 7623
Francis, P. *see* Ballardie, T. 30251
Francis, P. *see* McAuley, A.J. 5325

Francis, R.J. A tutorial on logic synthesis for lookup-table based FPGAs 26857
Francis, R.M. *see* Jenn, D.C. 44634
Francis, T. Controlling process equipment contamination in the '90s 40899
Francis, T.S.Yu. *see* Guowen Lu 45142
Franck, P.-A. *see* Stromberg, J. 47781
Franck, P.J. *see* DiLaura, D.L. 17602
Francke, T. *see* Carlson, P. 46906
Francl, J. *see* West, J.L. 3835
Franco, A. *see* Vitkovich, R. 41688
Franco, H. *see* Morgan, N. 21671
Franco, H. *see* Renals, S. 36621
Franco, J. Probabilistic analysis of algorithms for stuck-at test generation in PLAs 26632
Franco, P., Midrio, M. Quasi-analytic solution of erbium-doped fiber-amplifier power equations 35711
Franco, P. *see* Cariolaro, G.L. 43810
Franco, P. *see* Fontana, F. 3522
Franco, P. *see* Fontana, F. 12081
Franco, P. *see* Fontana, F. 35740
Franco, P. *see* Fontana, F. 43813
Franco Docchio *see* Umberto Minoni 36092
Francois, D. *see* Gahungu, F. 16422
Francois, D. *see* Gahungu, F. 16423
Francois, M., Vanbremeersch, J. Technological aspects of prime importance for performances of microwave devices 1563
Francois, P.-L. *see* Sanchez, F. 12052
Francois, P.L. *see* Le Boudec, P. 3576
Francois, P.L. *see* Le Boudec, P. 20677
Francois, P.L. *see* Leners, R. 35760
Francombe, M.H. *see* Sinharoy, S. 43225
Francos, J.M., Meiri, A.Z., Porat, B. A unified texture model based on a 2-D Wold-like decomposition 4875
Francos, J.M. *see* Krishnamurthy, R. 29946
Franczak, B. *see* Blasche, K. 15353
Franczak, D.F., Scholl, P.L., Wisch, H.H., Henry, D.D. Combustion turbine upgrades: a low-cost alternative for increasing peak capacity 32711
Frandsen, G.S., Valence, M., Barrington, D.A.M. Some results on uniform arithmetic circuit complexity 41750
Franek, B. *see* Adye, T. 38896
Franghiadakis, Y., VanZytveld, J., Zergioti, G., Hontzopoulos, E., Tzanetakis, P. Deposition of amorphous silicon films by laser ablation 18245
Frangis, N. *see* Paloura, E.C. 9580
Frangopoulos, C. *see* Valero, A. 39954
Frangopoulos, C.A. Application of the thermoeconomic functional approach to the CGAM problem 39991
Frangos, C. *see* Yavin, Y. 22375
Frangos, P., Nikitakos, N., Uzunoglu, N. Calculation of the natural frequencies of complex objects using a finite-element near-field computation method 12569
Franich, R.E.H., Lagendijk, R.L., Biemond, J. Stereo-enhanced displacement estimation by genetic block matching 29952
Franich, R.E.H., Legendijk, R.L., Biemond, J. A genetic algorithm for smooth vector field estimation 13553
Frank, A.J. *see* Pugh, J.R. 8770
Frank, B. *see* Bernhard, N. 34538
Frank, C.B. *see* Zhang, Y.T. 15699
Frank, C.D., Pursley, M.B. Concatenated coding alternatives for frequency-hop packet radio 4406
Frank, C.W. *see* Rao, V. 11013
Frank, C.X., Law, M.E. Two-dimensional study on the effects of nonamorphizing silicon implantation damage on phosphorus diffusion 34685
Frank, D.J., Laux, S.E., Fischetti, M.V. Monte Carlo simulations of p- and n-channel dual-gate Si MOSFET's at the limits of scaling 19867
Frank, G.R. *see* Madsen, E.L. 47064
Frank, H. *see* Surampudi, S. 33014
Frank, H.-P., Diehl, E., Ergezinger, K.-H., Fischer, B., Ittermann, B., Mai, F., Marbach, K., Wessenmayer, S., Welker, G., Ackermann, H., Stockmann, W.-J. Behaviour of boron after implantation into silicon-Schottky diodes: a β-NMR study on the fermi-level dependence 42626
Frank, J., O'Haver, K.W. Phased array antenna development at the Applied Physics Laboratory 44630
Frank, J. *see* Guo, J.Z.Y. 27977
Frank, J. *see* Prastitis, L.A. 46056
Frank, J.P. *see* Jakeman, E. 46093
Frank, K. *see* Gortler, A. 40369
Frank, K. *see* Hsu, T.-Y. 2381
Frank, K. *see* Kowalewicz, R. 15411
Frank, K. *see* Mehr, T. 42277
Frank, K. *see* Stetter, M. 15412
Frank, M., Colling, P., Cooper, S., Dummer, D., Feilitzsch, F.v., Ferger, P., Forster, G., Gebauer, H.-J., Igalson, J., Kellner, E., Nagel, U., Nucciotti, A., Probst, F., Rulofs, A., Seidel, W., Stodolsky, L. Physics and performance of calorimetric particle detectors with dielectric absorbers and superconducting phase transition thermometers 24026
Frank, M., Kufner, M., Kufner, S., Testorf, M. A fabrication method of microlenses with high relative apertures in PMMA 11662
Frank, M. *see* Brenner, K.-H. 11663
Frank, M. *see* Colling, P. 20190
Frank, M. *see* Ferger, P. 38850
Frank, M. *see* Nagel, U. 24049
Frank, N., Springholz, G., Bauer, G. Strain induced islanding of EuTe epitaxial films observed by in-situ-RHEED and STM investigations 41253
Frank, P.M., Ding, X. A frequency domain based approach to fault identification [of electric drives] 8825
Frank, R., Wertz, J. IGBTs integrate protection for distributorless ignition systems 40638
Frank, R. *see* Carney, L. 41661
Frank, R. *see* Carney, L. 41677
Frank, R. *see* Szepesi, T. 26711
Frank, W., Reger, R., Appel, U. Loudspeaker nonlinearities—analysis and compensation 31072
Frank, W.A., Tomlinson, G.R., Storer, D.M. A note on higher order transfer functions [and reply] 41042
Franke, E. Test setup gauges externally-induced transmitter IM 6771
Franke, E. Satellite inclination effects on UHF Satcom operation 37902
Franke, E. *see* Magee, M. 5048
Franke, E.A. *see* Luckemeyer, J.A. 47328
Franke, H. *see* Kardinahl, T. 3150
Franke, H. *see* Kardinahl, T. 44046
Franke, H. *see* Osterfeld, M. 46528
Franke, J. *see* Feldmann, K. 251
Franke, J. *see* Schulz, W. 17628
Franke, J.E. *see* Krukar, R.H. 2147
Franke, M. *see* Schonfeld, R. 8866
Franke, P.M. *see* Nickisch, L.J. 44301
Franke, R.C. New hardware emulation tools for design of ASICs (application-specific integrated circuits) 30123
Franke, R.P. *see* Sommer, A. 15903
Frankel, G.S. *see* Brusic, V. 11488
Frankel, G.S. *see* Brusic, V. 34839
Frankel, M.Y., Pavlidis, D., Mourou, G.A. A study and optoelectronic verification of AlGaAs/GaAs heterojunction bipolar transistor large-signal characteristics 43667
Frankel, M.Y. *see* Esman, R.D. 44635
Frankel, R. *see* Vartanian, M. 27995
Frankel, R.D. *see* Moel, A. 27897
Frankel, Y., Desmedt, Y., Burmester, M. Non-existence of homomorphic general sharing schemes for some key spaces 21544
Franken, G. *see* Bruckner, H.W. 3058
Franken, L.J.N., Haverkort, B.R. The performability manager 37626
Frankena, H.J. *see* van Haasteren, A.J.P. 11677
Frankena, H.J. *see* Wu, S. 6460
Frankenberger, J. *see* Wagner, C. 38491
Frankenthal, R.P. Corrosion of electronic materials and devices 42607
Frankenthal, R.P., Lobnig, R., Siconolfi, D.J., Sinclair, J.D. Role of particle contamination in the corrosion of electronic materials and devices 1690
Frankenthal, R.P., Siconolfi, D.J., Sinclair, J.D. Accelerated life testing of electronic devices by atmospheric particles: why and how? 263
Frankenthal, S. Scattering of iso-diffractive pulsed beams from randomly irregular surfaces 44318
Frankl, P.G. *see* Ghriga, M. 30240
Frankle, C.M. *see* Szymanski, J.J. 38862
Franklin, A., Jones, R. Maintaining a standard 38338
Franklin, A.J., Dwyer, V.M. Electrical characterisation of ESD degradation in GaAs devices 28216
Franklin, C. *see* Ciesielski, V. 7367
Franklin, G. *see* Gyugyi, P.J. 19485
Franklin, J. *see* Davison, D. 31709
Franklin, M., Saluja, K.K. Theory and techniques for testing check bits of RAMs with on-chip ECC 18709
Franklin, M., Saluja, K.K. An algorithm to test reconfigured RAMs 41896
Franklin, M. *see* Ramanathan, P. 14871
Franklin, M.A. Radio communications in the Channel Tunnel 22892
Franklin, S. *see* Lijia Zhou 22219
Frankov, A.V. *see* Zhuk, N.P. 29130
Frankowsky, G. *see* Eckel, M. 33591
Franks, A. Progress towards traceable nanometric surface metrology 38704
Franks, L.E. *see* Ghanekar, S. 1324
Franks, R. *see* Parmigiani, B. 16420
Franquelo, L.G. *see* Carrasco, J.M. 8562
Fransman, M. AT&T, BT and NTT: a comparison of vision, strategy and competence 40859
Franssen, F.H.M., Balasa, F., van Swaaij, M.F.X.B., Catthoor, F.V.M., De Man, H.J. Modeling multidimensional data and control flow 34124
Fransson, V. *see* Nielsen, B. 15782
Fransson, V. *see* Nielsen, B. 15800
Franta, W.R., Halpern, J., Hughes, J. Mix and match technologies boost communication speed in today's data-networking environment 30501
Franti, P. A fast and efficient compression method for binary images 45084
Franti, P., Nevalainen, O. A two-stage modelling method for compressing binary images by arithmetic coding 5039
Frantz, R. *see* Volotinen, T. 35371
Frantz, R.A., Plitz, I.M., Yuce, H.H., Gebizlioglu, O.S. The effects of aging on optical fibers with incompletely cured coatings 2980
Frantz, R.A., Reith, L.A., Plitz, I.M. Fiber coating and tight buffer degradation induced by index-matching gels and adhesives 5923
Frantz, R.A. *see* Volotinen, T.T. 35368
Frantzeskakis, E., Baras, J.S., Liu, K.J.R. Time-recursive computation and real-time parallel architectures, with application on the Modulated Lapped Transform 36724
Franz, B. *see* Wedding, B. 30852
Franz, E. Commissioning and initial operating experience on Unit 3 of Wiener Stadtwerke—Wienstrom, Simmering Power Station 47785
Franz, J., Correll, C., Dolainsky, F., Schweikert, R., Wandernoth, B. Error correcting coding in optical transmission systems with direct detection and heterodyne receivers 5958
Franz, R. *see* Baur, A. 32975
Franz, R. *see* Hingst, T. 42586
Franz, T.M. *see* Oser, R.L. 15951
Franzen, D.L. *see* Hale, P.D. 23594
Franzen, D.L. *see* Schlager, J.B. 20966
Franzke, B. Review of heavy ion storage rings 15373
Franzke, B., Beckert, K., Bosch, F., Eickhoff, H., Gruber, A., Klepper, O., Nolden, F., Schaaf, U., Spadtke, P., Steck, M. Performance of the heavy ion storage ring ESR 15382
Franzke, B. *see* Hofmann, I. 7048
Franzke, B. *see* Kalisch, G. 7047
Franzke, B. *see* Schaaf, U. 15359
Franzke, B. *see* Steck, M. 7061
Franzo, G. *see* Coffa, S. 10843
Franzo, G. *see* Grimaldi, M.G. 18216
Franzosi, P. *see* Attolini, G. 41295
Franzosi, P. *see* Bocchi, C. 694
Franzosi, P. *see* Bocchi, C. 2028
Franzosi, P. *see* Lazzarini, L. 691
Franzosi, P. *see* Leszczynski, M. 18156
Franzreb, M. *see* Strecker, W. 47031
Frasconi, P., Gori, M., Soda, G. Automatic speech recognition with neural networks: beyond nonparametric models 13079
Frase, N. *see* Atwater, H.A. 33611
Fraser, A.M. *see* Dimitriadis, A. 29661
Fraser, D. *see* Besser, P.R. 34828
Fraser, D.A. *see* Lin, W. 13794
Fraser, D.B. *see* Ogawa, S. 10757
Fraser, D.B. *see* Vantomme, A. 18148
Fraser, D.D., Broadhurst, A.D. Early fast Doppler as a meteor-burst communications amplitude predictor 14558
Fraser, D.D. *see* Melville, S.W. 14560
Fraser, G.W., Brunton, A.N., Lees, J.E., Emberson, D.L. Production of quasi-parallel X-ray beams using microchannel plate 'X-ray lenses' 24125
Fraser, L. *see* Gaudette, T.L. 32742
Fraser, R.A. *see* Ancimer, R.J. 31481
Fraser, R.D. *see* Herrick, R.W. 35694
Fraser, S.A., Hearn, W.G. Nova Scotia power's 165 MW CFB project 32639
Fraser, T.J. *see* Foster, B. 31714
Fraser-Smith, A.C., Turtle, J.P. ELF/VLF radio noise measurements at high latitudes during solar particle events 4137
Fratelli, L., Busatto, G., Spirito, P., Vitale, G.F. Analysis of second breakdown limits in RBSOA of bipolar transistors 2469
Fratelli, L., Luciano, A.M., Marandola, O., Strollo, A.G.M. SCOS: a state space, time-varying topology simulator for the analysis of controlled switching converters 17066
Fratelli, L., Vitale, G.F. On the reverse bias safe operating area of power bipolar transistors during inductive turn-off 28098
Frater, M.R., Tan, P., Arnold, J.F. Modelling of variable bit rate video traffic in the broadband ISDN 37582
Frateschi, N.C., Zhao, H., Elliot, J., Siala, S., Govindarajan, M., Nottenburg, R.N., Dapkus, P.D. High efficiency three terminal laser array for optical interconnect 20846
Fratin, L. *see* Pavan, P. 18724
Fratini, T.A. *see* Pleshanov, Yu.V. 14713
Fratini, T.A. *see* Pleshanov, Yu.V. 14716
Fratnik, F. *see* Bocciolini, M. 24082
Fratta, A., Vagati, A., Villata, F. Flux-observer-based multi-level modulation technique for AC drives with variable-structure logic controller 8876
Fratta, A. *see* Franceschini, G. 40267
Fratta, L., Musumeci, L., Passalia, A., Rigolio, G. Performance of frame relay services on ATM networks 45288
Fratta, M. Communication by images: systems for video-conferencing 22671
Fratta, R., Toigo, I. Continuity systems UPS 8619
Fratti, M., Mian, G.A., Riccardi, G. An approach to parameter reoptimization in multipulse-based coders 44762
Fratto, J.R. *see* Bearnson, G.B. 15923
Frau, J. *see* Casas, S. 45232

Frau, J.P. Tidal energy: promising projects: La Rance, a successful industrial-scale experiment 25261
Frauchiger, J., Weber, H.P. Modeling of thermal lensing and higher order ring mode oscillation in end pumped CW Nd:YAG lasers 20720
Frautschi, M.A. *see* Ziock, H.-J. 46885
Frautschi, M.A. *see* Ziock, H.J. 7184
Fray, A. *see* Bamford, L.D. 36431
Fray, A.F., Barker, D.E. The use of ARMS and LEGS for investigating novel antennas 36365
Fray, R. *see* Griebenow, R. 32716
Fray, R.R. *see* Beare, A.N. 39905
Fray, R.R. *see* Lewis-Clapper, R.C. 25201
Fray, R.R. *see* Masterman, H.C. 38624
Frayne, P.G., Nicholls, C. Bias pulse modulator for a high power Kα band (26-40 GHz) IMPATT oscillator 42189
Frazer, D.L. Starting methods for large synchronous refiner motors 9056
Frazer, G., Reilly, A., Boashash, B. The bispectral aliasing test 4742
Frazho, A.E. *see* Lyon, D.E. 13433
Frazier, D. *see* Kukhtarev, N. 12415
Frazier, G., Taddiken, A., Seabaugh, A., Randall, J. Nanoelectronic circuits using resonant tunneling transistors and diodes 33944
Frazier, G.A. *see* Mikkelson, C.H. 42998
Frazier, W.G. *see* Glenn, R.D. 47190
Frazzoli, F.V. *see* Zeppa, P. 38874
Frazzoli, R. Generating test pattern algorithms 9230
Frazzoli, R. Development times for test programs 14888
Frazzoli, R. The technology of the packaging of semiconductor devices 42820
Frazzoli, R. Datatecnica and the production of plastic, optical and mechanical components 43599
Frear, D.R. *see* Vianco, P.T. 281
Freathy, B.A. *see* Simons, F.O. 42066
Frechet, J.M.J., Ming Lee, S. New 3-component aqueous base developable negative resist systems incorporating chemical amplification and tunable sensitivities 11054
Frechet, J.M.J. *see* Beecher, J.E. 28960
Frechet, J.M.J. *see* MacDonald, S.A. 11073
Frechet, J.M.J. *see* Willson, C.G. 11080
Frechet, J.M.J. *see* Yoshida, M. 42817
Freda, M., Reynolds, C. MCM-L enabling technologies 344
Freda, M. *see* Reynolds, C. 9272
Frederick, E.C., Hartner, K.P. The evolution of foot pressure measurements 15691
Frederick, J.D. *see* Lessig, W.S. 32758
Frederick, R. *see* Kantarjiev, C.K. 22569
Frederickson, A.R. Radiation-induced voltage on spacecraft internal surfaces 39149
Frederickson, A.R., Holeman, E.G., Mullen, E.G. On-orbit insulator charge storage and partial discharge in the space radiation belts 39150
Frederickson, A.R., Woolf, S., Garth, J.C. Model for space charge evolution and dose in irradiated insulators at high electric fields 35151
Frederickson, A.R. *see* Violet, M.D. 39146
Frederickson, G.N., Hambrusch, S.E., Tu, H.-Y. Shortest path computations in source-deplanarized graphs 2620
Frederiksen, P.S. *see* Pedersen, J.K. 16767
Fredichkin, L., Ryzhii, V., V'yurkov, V. Novel tunable far infrared detector based on a quantum ballistic channel 46449
Fredric, C., Tarrant, D., Jensen, C., Hummel, J., Ermer, J. $CuInSe_2$ thin film modules for utility applications 48141
Fredrichs, G.E. Fluidised bed combustion 25189
Fredricksen, H. The number of nonlinear shift registers that produce all vectors of weight $\leqslant t$ 44684
Fredriksson, M. *see* Hemani, A. 41561
Free, C. *see* Laughton, D. 29167
Free, C.E. *see* Rossek, S.J. 27258
Free, G.M. *see* Juroshek, J.R. 46587
Freedman, B.Z., Lior, N. A novel high-temperature ejector-topping power cycle 47748
Freedman, M.G. JEDEC JC-11 committee: the standards process 33413
Freedman, M.T. *see* Chiou, Y.-S.P. 15837
Freedman, P., Jiming Liu Using uncertain measurements to make plausible perceptual hypotheses. Application to autonomous navigation using sonar 39427
Freeman, D. *see* Heacock, D. 48056
Freeman, E. *see* Belmans, R. 44212
Freeman, E.M. *see* Lowther, D.A. 44232
Freeman, G., Lukaszek, W., Pan, Y.Y.C. MERLIN: a device diagnosis system based on analytic models 35088
Freeman, G.H. Divergence and the construction of variable-to-variable-length lossless codes by source-word extensions 4386
Freeman, H. *see* Choo, C.Y. 29920
Freeman, H. *see* Tan, Y. 29831
Freeman, J. *see* Grivna, G. 19667
Freeman, J.L., Grivna, G., Tracy, C.J. Control of stress void formation in aluminum-copper filled vias 2203
Freeman, J.L. *see* Grynkewich, G.W. 19660
Freeman, M. *see* Bassous, E. 1891
Freeman, P. *see* Deshpande, V. 19678
Freeman, P. *see* Pavelchek, E. 11071
Freeman, P.W. *see* Pavelchek, E.K. 11032
Freeman, R.I., Moir, G.R. What is living PSA? 25163
Freeman, R.R. *see* Berger, S.D. 27903
Freeman, R.R. *see* MacDowell, A.A. 27832
Freeman, R.R. *see* Tichenor, D.A. 27831
Freeman, S.D. Sacramento: clean air and electric transportation 48213
Freeman, W. Solid state temperature sensors protect and control 15232
Freemantle, R.J., Alper, T., Challis, R.E. A model fitting approach to the broad band measurement of ultrasonic wave velocities in thin samples of engineering material 15258
Freer, R. *see* Fan, J. 42255
Freer Goldstein, J.L. *see* Morris, J.W., Jr. 875
Freeston, I.L. *see* Scaife, J.M. 47089
Freet, P. The SH microprocessor: 16-bit fixed length instruction set provides better power and die size 41933
Freeze, J.D., Selfridge, R.H. D-fiber holographic diffractive gratings 29045
Frega, D. *see* Mosquera, C.F. 28994
Frehaut, J. *see* Guimbal, P. 43975
Frehaut, J. *see* Joly, S. 44009
Frehlich, R. Cramer-Rao bound for Gaussian random processes and applications to radar processing of atmospheric signals 39383
Frehlich, R.G. Optimal local oscillator field for a monostatic coherent laser radar with a circular aperture 6147
Frei, H. *see* Schryber, U. 6907
Frei, K. *see* Brand, K.P. 24751
Freiberger, R. PCMCIA process techniques 34369
Freiburger, P.D. *see* Durgin, H.W. 15708
Freidhof, A. *see* Behrens, U. 31736
Freidhof, C. *see* Horwitz, A.E. 24173
Freidhof, C. *see* Schneider, K. 24171
Freier, B.E., Pohland, N.-P. A new method for topological placement for predictable performance 9910
Freij, N. DSP design and simulation 13198
Freiler, M.B., Shih, M.C., Scarmozzino, S.R., Osgood, R.M., Jr., Tao, I.W., Wang, W.I. Excimer laser induced cryoetching of GaAs and related materials 10963
Freiman, J.F. Portable computer power sources 33900
Freire, J.Costa *see* Costa Freire, J.
Freire Bastos, T. *see* Ceres, R. 7656
Freire Bastos, T. *see* Martin Abreu, J.M. 6432
Freise, W. Electrical drives for road vehicles 8910
Freisinger, B. *see* Bielesch, U. 11944
Freisleben, B., Hartfelder, M. Optimization of genetic algorithms by genetic algorithms 41103
Freisleben, B., Mengel, M. Image compression with self-organizing networks 29435
Freitag, H. Controlling introduction in communal supply undertakings 47373
Freitag, I., Rottengatter, P., Tunnermann, A., Schmidt, H. Frequency tunable, diode-pumped miniature ring lasers 12277
Freitag, K. *see* Weyer, G. 42629
Freitag, P.M., Forrest, S.R. A coherent optically controlled phased array antenna system 4337
Freitag, R.G. A modal analysis of MMIC power amplifier stability 19104
Freitag, R.K., Brown, D.B., Dozier, C.M. Experimental evidence of two species of radiation induced trapped positive charge 34976
Freitas, B. *see* Comaskey, B. 20713
Freitas, B.L. *see* Benett, W.J. 20891
Freitas, J.A., Jr., Klein, P.B., Collins, A.T. Observation of new vibronic luminescence band in semiconducting diamond 3320
Freitas, J.A., Jr. *see* Doverspike, K. 858
Freitas, L.C.de *see* de Freitas, L.C.
Freitas, V. *see* Monteiro, E. 14146
Freitas, V. *see* Monteiro, E. 45618
Frejlich, J., Barbosa, E., Prokofiev, V.V., Gallo, H., Andreeta, J.P. Adaptive holographic interferometry for 2D vibrational modes display 31525
Frejlich, J. *see* Buse, K. 12420
Frekers, D. *see* Konijn, J. 24087
Frelicot, C., Dubuisson, B. Solving the ambiguity reject in pattern recognition by multi-step prediction of the membership function 13781
Fremaux, C.M. *see* Snow, W.L. 24392
Fremont, H. *see* Marc, F. 43054
Fremuth, W., Wagner, E. The Austrian electricity supply industry as a bridge-builder between East and West 39481
Frenandez, M., Hernandez, C. The analysis and design of resonant convertors 33872
French, C.D., Acarnley, P.P., Jack, A.G. Real-time current estimation in brushless DC drives using a single DC link current sensor 17440
French, C.D. *see* Ertugrul, N. 16769
French, C.L. *see* Davies, G.J. 41380
French, H. *see* Stauffer, D. 39334
French, I.D. *see* Shannon, J.M. 28081
French, I.D. *see* Van Berkel, C. 31299
French, J. *see* Neville, K.J. 15943
French, J. *see* Rowe, A.L. 16105
French, M., Kundu, N., Nickerson, R.B., Seller, P., Shankar, K. The SDC silicon tracker DAQ 46849
French, M., Lovell, M., Chesi, E., Racz, A., Seguinot, J., Ypsilantis, T., Arnold, R., Guyonnet, J.L., Egger, J., Gabathuler, K. A fast integrated readout system for a cathode pad photon detector 46990
French, M. *see* Ahmed, T. 38929
French, M.J., Stokes, C.A., Widden, M.B. Function cost of low-power, three-phase squirrel-cage induction motors 25433
French, M.J. *see* Thomas, S.L. 46987
French, P.J., Wolffenbuttel, R.F. Reflow of BPSG for sensor applications 27704
French, P.J. *see* Li, Y.X. 10940
French, P.M.W., Mellish, R., Taylor, J.R., Delfyett, P.J., Florez, L.T. Mode-locked all-solid-state diode-pumped Cr:LiSAF laser 20680
French, P.M.W. *see* Mellish, P.M. 35718
French-St. George, M. *see* Engebretson, A.M. 24355
French-St.George, M. *see* Brown, M. 37859
Frenck, H.-J. *see* Arendt, R. 26409
Freni, A. *see* Pelosi, G. 36134
Freni, S., Cavallaro, S., Aquino, M., Ravida, D., Giordano, N. Lifetime-limiting factors for a molten carbonate fuel cell 40458
Frenkel, A. *see* Beer, A. 31662
Frenkel, A. *see* Cianfarani, C. 31731
Frenkel, A.C. *see* Liu, H. 18176
Frenkel, G. *see* Drummond, O.E. 32167
Frenkel, R.B. A superconductor analogue of the Thompson-Lampard theorem of electrostatics and its possible application to a new SI standard of DC resistance 6288
Frenkel, R.B. Optical sensing of high electric currents using the Faraday effect in a rigid single turn of liquid 6428
Frenklach, M. *see* Howard, W.N. 18242
Frenne, D.De *see* De Frenne, D.
Frenz, M. *see* Konz, F. 3570
Frericks, M. *see* le Grand, J.B. 24051
Freris, L.L. *see* Chedid, R. 8281
Freris, L.L. *see* Chedid, R. 32821
Freris, L.L. *see* Iqbal, M.T. 47821
Freris, L.L. *see* Ruddell, K. 25294
Frerking, M.A. *see* Febvre, P. 6168
Fresart, E.de *see* de Fresart, E.
Frescura, F. *see* Cacopardi, S. 45835
Fretwell, J. *see* Kinosky, D. 33699
Fretwell, J. *see* Kinosky, D. 34737
Fretwell, J. *see* Kinosky, D.S. 10962
Fretwell, J. *see* Qian, R.Z. 9587
Fretwell, T.A., Jones, P.L. Energy intensity distributions of 30 keV electrons on indium phosphide: experiment and simulation 28006
Fretwurst, E. *see* Bates, S. 24057
Fretwurst, J.C. *see* Bock, A. 20212
Freulon, M. *see* Cousseran, M.L. 27152
Freund, H., Klein, L., Wellflow, W.H. Computer supported planning of medium-voltage urban networks 16270
Freund, H., Lotter, G., Klein, L., Wellssow, W.H. Dynamic planning methods for the expansion of urban medium-voltage networks 24870
Freund, H.P., Vanderplaats, N.R., Kodis, M.A. Relativistic helix travelling wave tube amplifiers 1809
Freund, H.P., Vanderplaats, N.R., Kodis, M.A. Field theory of a traveling wave tube amplifier with a tape helix 34481
Freund, J.M., Swaminathan, V., Focht, M.W., Guth, G.D., Przybylek, G.J., Smith, L.E., Leibenguth, R.E., Chirovsky, L.M.F., D'Asaro, L.A. Reverse leakage current in GaAs/AlGaAs self electro-optic effect devices 3863
Freund, J.M. *see* Chirovsky, L.M.F. 20491
Freund, J.M. *see* Swaminathan, V. 3864
Freund, L.B. *see* Bower, A.F. 10982
Freund, P. *see* Nagel, U. 24049
Freund, R., Heidler, F. Analysis of LEMP coupling effects into large loops in the time domain 36268
Freund, R.S. *see* Choquette, K.D. 3605
Freund, R.S. *see* Choquette, K.D. 27729
Freund, R.S. *see* Hong, M. 28838
Freund, R.S. *see* Hong, M. 42698
Freund, R.W. *see* Fischer, B. 41147
Freund, S. *see* Thomas, H.G. 7155
Freundlich, A. *see* Bensaoula, A.H. 42696
Freundlich, A. *see* Medelci, N. 26418
Freundorfer, A.P., Iizuka, K. A study on the scattering of radio waves from buried spherical targets using the step frequency radar 36199
Freundorfer, A.P. *see* Iwasaki, T. 38161
Freundorfer, A.P. *see* Wah, C.K.L. 11683
Frey, D. Current mode class AB second order filter 34152
Frey, D.R. Log-domain filtering: an approach to current-mode filtering 10271
Frey, D.R. Chaotic digital encoding: an approach to secure communication 29445
Frey, E.C., Ju, Z.-W., Tsui, B.M.W. A fast projector-backprojector pair modeling the asymmetric, spatially varying scatter response function for scatter compensation in SPECT imaging 15756
Frey, E.C., Tsui, B.M.W. A practical method for incorporating scatter in a projector-backprojector

for accurate scatter compensation in SPECT 15743
Frey, E.C., Yu, N., Patnaik, B., Parikh, N.R., Swanson, M.L., Chu, W.K. Transition between Ge segregation and trapping during high-pressure oxidation of Ge_xSi_{1-x}/Si 2102
Frey, H.C., Rubin, E.S., Diwekar, U.M. Modeling uncertainties in advanced technologies: application to a coal gasification system with hot-gas cleanup 40031
Frey, J. *see* Peng, Z. 18743
Frey, M. *see* Dittrich, I. 17600
Frey, M.H., Payne, D.A. Nanocrystalline barium titanate: evidence for the absence of ferroelectricity in sol-gel derived thin-layer capacitors 2742
Frey, P. *see* Atherton, D.L. 26536
Frey, R. *see* Arodzero, A. 7256
Frey, S. *see* Rumpel, D. 39514
Frey, T. *see* Siu-Wai Chan 9714
Frey, W.U. Care with neutral conductor breaks. The safety of low-voltage installations with special consideration of neutral conductor breakages 32211
Freyburger, K. A Remez type algorithm for generalized spline spaces 26343
Freydin, B. *see* Apanovich, Y. 19719
Freyer, J., Tschernitz, M. New encapsulation techniques for mm-wave devices 9312
Freyer, J. *see* Pobl, M. 10464
Freyer, J. *see* Tschernitz, M. 27214
Freyman, B., Briar, J., Marrs, R. Surface mount process technology for ball grid array packaging 33404
Freyman, B.J. *see* Marrs, R.C. 9263
Freytag, B., Rossler, U. The Fano-Anderson model applied to electrons in MIS-inversion layers 1959
Frezza, F., Galli, A., Gerosa, G., Lampariello, P. Characterization of the resonant and coupling parameters of dielectric resonators of NRD-guide filtering devices 1450
Frezza, S.T., Levitan, S.P. SPAR: a schematic place and route system 938
Frezzotti, A. *see* Cremonesi, P. 41056
Friberg, S.R. *see* Drummond, P.D. 2953
Fricke, J., Obermeier, E. Cantilever beam accelerometer based on surface micromachining technology 31200
Fricke, K., Hartnagel, H.L., Lee, W.Y., Schussler, M. AlGaAs/GaAs/AlGaAs DHBT's for high-temperature stable circuits 43092
Fricke, K., Wurfl, J., Miao, J., Dehe, A., Rucks, D., Hartnagel, H.L. Fabrication of microstructures for integrated sensors on GaAs 31182
Fricke, P. *see* Kirscht, F.-G. 2006
Frickey, D.A. Conversions between S, Z, Y, H, ABCD, and T parameters which are valid for complex source and load impedances 42183
Fricks, R.M. *see* Trivedi, K.S. 33452
Friday, A. The development of medium voltage cable accessories for ease of installation 16354
Friddell, K.D. *see* Dowell, D.H. 12255
Friden, C.-J. *see* Bergmark, T. 31594
Friden, J., Kristensson, G., Stewart, R.D. Transient electromagnetic wave propagation in anisotropic dispersive media 29142
Fridli, S. On the rate of convergence of Cesaro means of Walsh-Fourier series 33510
Fridman, B.E. *see* Emelin, P.Yu. 48151
Fridman, O.V., Fridman, S.V. A method of determining horizontal structure of the ionosphere from backscatter ionograms 7596
Fridman, S.V. *see* Fridman, O.V. 7596
Friebe, A., Lisdat, F., Moritz, W. Polymer membranes on chemical semiconductor devices—their electrical influence on sensor characterization 46376
Friebele, E.J., Gingerich, M.E., Griscom, D.L. Survivability of optical fibers in space 5944
Friebele, E.J. *see* Askins, C.G. 28456
Friebele, E.J. *see* Griscom, D.L. 43425
Friebele, E.J. *see* Sirkis, J.S. 20306
Friebele, E.J. *see* Williams, G.M. 3541
Fried, M., Masa, P. Backpropagation (neural) networks for fast pre-evaluation of spectroscopic ellipsometric measurements 34679
Fried, M. *see* Lohner, T. 2060
Fried, W.R. History of Doppler radar navigation 46135
Frieden, B.R. Wave-like equations obeyed by information measures 36470
Frieden, B.R., Bajkova, A.T. Bayesian cross-entropy reconstruction of complex images 36923
Frieden, B.R. *see* Bocker, R.P. 21158
Frieden, M. *see* Nunes, M.S. 14288
Frieder, G. *see* Chen, T. 13899
Friederichs, K.J. *see* Vogel, K. 14414
Friederici, A. *see* Trahms, L. 31883
Friedl, R. A high-precision time and frequency standard 14378
Friedland, K.-J., Ploog, K. Magnetotransport in two parallel two-dimensional electron gases formed by a delta-doped layer and a heterojunction in GaAs 42481
Friedland, L. Spatial autoresonance cyclotron accelerator 38769
Friedlander, B. Parametric signal analysis using the polynomial phase transform 4715
Friedlander, B., Weiss, A.J. Effects of model errors on waveform estimation using the MUSIC algorithm 36761
Friedlander, B. *see* Peleg, S. 13318
Friedlander, B. *see* Peleg, S. 29682
Friedlander, B. *see* Porat, B. 13203
Friedlander, B. *see* Porat, B. 21723
Friedlander, B. *see* Porat, B. 23143
Friedlander, B. *see* Weiss, A.J. 4331
Friedlander, B. *see* Weiss, A.J. 4621
Friedlander, B. *see* Weiss, A.J. 29713
Friedlander, B. *see* Weiss, A.J. 36660
Friedman, A., Callahan, D.A., Grote, D.P., Haber, I., Langdon, A.B., Lund, S.M. What we have learned from 3D and r, z intense-beam simulations using the WARP code 31565
Friedman, A., Grote, D.P., Callahan, D.A., Langdon, A.B., Haber, I. 3D particle simulation of beams using the WARP code: transport around bends 15477
Friedman, A., Grote, D.P., Callahan, D.A., Langdon, A.B., Haber, I. Overview of WARP, a particle code for heavy ion fusion 46758
Friedman, A., Velazquez, J.J.L. A time-dependent free boundary problem modeling the visual image in electrophotography 29095
Friedman, A. *see* Barnard, J.J. 31535
Friedman, A. *see* Callahan, D.A. 15473
Friedman, A. *see* Callahan, D.A. 46757
Friedman, A. *see* Celata, C.M. 31562
Friedman, A. *see* Grote, D.P. 15478
Friedman, A. *see* Grote, D.P. 46756
Friedman, A. *see* Yu, S.S. 15339
Friedman, C.N. Sums of divisors and Egyptian fractions 499
Friedman, E.G. The limiting performance of a CMOS bistable register based on waveform considerations 10122
Friedman, E.G. Latching characteristics of a CMOS bistable register 33977
Friedman, E.G. *see* Cherkauer, B.S. 43116
Friedman, G.L. The trustworthy digital camera: restoring credibility to the photographic image 37214
Friedman, L., Soref, R.A. A proposed electroabsorption modulator at 1.55 μm in silicon/silicon-germanium asymmetric quantum-well structures 35485
Friedman, L., Soref, R.A. Electrooptical modulation in silicon-silicon/germanium quantum well structures 35493
Friedman, L.R., Soref, R.A. Intrasubband 1.55 μm electrooptical modulation in SiGe asymmetric quantum well structures 20406
Friedman, M., Serlin, V. High power relativistic klystron amplifier research at the Naval Research Laboratory 19297
Friedman, M. *see* Serlin, V. 19306
Friedman, M.B. *see* Aggarwal, R. 620
Friedman, N. *see* Ghera, U. 28790
Friedman, P.S. *see* Stoller, R.A. 38621
Friedman, R. *see* Meyers, S. 16156
Friedman, R.A. *see* Mao, B.-Y. 43020
Friedman, V. *see* Lakshmikumar, K.R. 37862
Friedman-Hill, E.J. *see* Danehy, P.M. 12342
Friedmann, H. *see* Robinson, T. 14013
Friedmann, R. *see* Sathaye, J. 48466
Friedmann, T.A., McCarty, K.F., Klaus, E.J., Boehme, D., Clift, W.M., Johnsen, H.A., Mills, M.J., Ottesen, D.K., Stulen, R.H. Pulsed excimer laser ablation deposition of boron nitride on Si(100) substrates 9681
Friedon, R. Satellite-based personal communication services 30633
Friedrich, B.G. *see* Bergmann, K. 32976
Friedrich, D. *see* Wildau, H.-J. 34959
Friedrich, J., Schempp, A., Deitinghoff, H., Bessler, U., Klein, H., Veith, R., Angert, N., Klabunde, J. Performance of the GSI HLI-RFQ 15302
Friedrich, J. *see* Angert, N. 6905
Friedrich, J.A., Biester, M., Hulsen, U. Performance of a 64 QAM radio using digital filters with small rolloffs 14449
Friedrich, K., Simader, G., Wallner, W., Zoglaner, M. Magnetically caused noise and vibrations from high-rated electrical DC machines 32879
Friedrich, K. *see* Schuster, J. 33796
Friedrich, M., Burger, W., Curian, H., Hartmann, B., Hentschel, E., Matthes, H., Probst, W., Seidel, M., Turuc, S., Hebert, D., Rothe, T., Stolz, W. Accelerator mass spectrometry at the Rossendorf 5 MV tandem accelerator 15334
Friedrich, M. *see* Schroter, M. 19790
Friedrich, R. *see* Stock, M. 23921
Friedrich, S. *see* Gaidis, M.C. 24052
Friedrich, S. *see* Vieth, J. 31943
Friedrich, W. *see* Lerch, R. 16048
Friedrich, W.R. *see* Xiaonong Ran 30496
Friedt, J. *see* Fujihira, C. 1827
Friedt, J.M. *see* Morin, M. 19463
Friemel, B.H. *see* Bohs, L.N. 31852
Friend, R.H. *see* Greenham, N.C. 11867
Friend, R.H. *see* Greenham, N.C. 35600
Friend, R.H. *see* Greenham, N.C. 35615
Friend, R.H. *see* Marks, R.N. 28655
Fries, H.W. *see* Brickeen, B.K. 35340
Friese, J., Gillitzer, A., Korner, H.J., Maier, M.R. Low cost pulse shaper for use with silicon PIN diodes 7274
Friese, J., Gillitzer, A., Korner, H.J., Reinhold, J., Peter, M., Maier, M.R. The SISWICH, a detector telescope with intrinsic calibration 7193
Friesel, D. *see* Anderson, D.R. 7064
Friesel, D. *see* Caussyn, D.D. 7026
Friesel, D. *see* Caussyn, D.D. 38778
Friesel, D. *see* Ellison, M. 38779
Friesel, D. *see* Huang, H. 23976
Friesel, D. *see* Lee, S.Y. 7040
Friesel, D. *see* Li, D. 6973
Friesem, A. *see* Davidson, N. 35959
Friesem, A.A. *see* Weiss, V. 3918
Friesen, T.M., Grover, W.D. Universal isochronous payload multiplexing 30571
Friesen, V.J., Wong, J.W. The effect of multiplexing, switching and other factors on the performance of broadband networks 5603
Friesinger, G., Heller, R. Use of Nb_3Sn inserts in a forced flow cooled 30 kA current lead 11552
Frigerio, J.-M. *see* Dancygier, M. 11480
Fright, W.R. *see* Dingle, A.A. 31958
Frignati, S. *see* Del Carlo, C. 32978
Frigo, S.P. *see* Nelson, A.J. 34733
Frigo, S.P. *see* Nelson, A.J. 42695
Frimout, E.D., Biemond, J., Lagendijk, R.L. Forward rate control for MPEG recording 31048
Frisby, R.A. The auto connector, new requirements 42280
Frisch, J. *see* Clendenin, J. 38808
Frisch, J. *see* Saez, P. 23989
Frisch, J. *see* Schultz, D. 38807
Frisch, J. *see* Schultz, D.C. 7140
Frischholz, G. *see* Bielser, B. 5632
Frischke, D. *see* Stephan, K.-H. 11808
Frischmuth, R.W. *see* Simmons, H.R. 47623
Frishman, G., Gabor, G. Surface characteristics of optical chemical sensors 31253
Frisina, F. *see* Consoli, A. 1056
Frisken, S.J. *see* Betts, R.A. 38012
Frison, T. Detection of broad-band communications signals 36670
Frisvold, T.M. *see* Tracey, J.S. 7872
Fritsch, C., Anaya, J.J., Ruiz, A., Ullate, L.G. A high-resolution object recognition ultrasonic system 7657
Fritsch, E. *see* Bauer, J. 35459
Fritsch, E. *see* Goring, R. 3101
Fritsch, J.P., Brennecke, R., Lang, M., Renneisen, U., Haude, M., Koch, L., Erbel, R., Meyer, J. New techniques for visualization of losses due to image compression in grayscale medical still images 24204
Fritsch, J.P. *see* Brennecke, R. 24380
Fritsch, R. *see* Wedler, H. 44599
Fritschen, D., McGrew, M. Heat sealed connectors—an alternative to elastomers or flex circuits 34452
Fritts, D.C. *see* Murphy, D.J. 7593
Fritz, D.J., McLaughlin, D.J. Optical path difference measurements with a Michelson interferometer using a frequency modulated continuous wave ranging technique 9154
Fritz, D.J. *see* Smith, D.A. 28537
Fritz, G. Reachability in random transition graphs 18022
Fritz, G.G. *see* Saulnier, G.G. 20203
Fritz, G.G. *see* van Vechten, D. 24131
Fritz, G.G. *see* Zacher, R.A. 20193
Fritz, H. *see* Beetz, B. 23532
Fritz, O. *see* Hug, H.J. 6743
Fritz, R., Holz, A. An alternative to pulse-width modulation 12817
Fritz, S. *see* Chiou, Y.-S.P. 15837
Fritzel, T. *see* Steiner, H.J. 30909
Fritzsche, H. *see* Nakayama, Y. 28610
Fritzsche, H. *see* Pashmakov, B. 34533
Fritzsche, H. *see* Tzanetakis, P. 35564
Fritzsche, H.-T. *see* Schirmacher, W. 1823
Frix, W.M., Karady, G.G., Venetz, B.A. Comparison of calibration systems for magnetic field measurement equipment 46577
Frizza, W. *see* Fallmann, W. 11097
Frize, M. Point of view—the engineering profession: is it friendlier for women? 40787
Froberg, N.M., Johnson, A.M., Goossen, K.W., Cunningham, J.E., Santos, M.B., Jan, W.Y., Wood, T.H., Burrus, C.A., Jr. Picosecond carrier escape by resonant tunneling in pseudomorphic InGaAs/GaAsP quantum well modulators 43519
Froberg, N.M. *see* Weling, A.S. 18958
Frodigh, M. *see* Andersin, M. 45810
Froehly, C. *see* Giovannini, H.R. 15069
Froelich, F.E. Electromagnetic fields—scientific & legal causation 31996
Froelicher, M. *see* Tirole, N. 29112
Froelicher, V.F. *see* Froning, J.N. 15863
Froemming, J., Hjalmarson, L., Houshmand, M. Ensure cogen steam supply with fresh-air-fired HRSGs 25227
Froese, E. Multimedia networking for medical imaging and environmental modeling 37434
Froessl, J. *see* Saul, J. 10074
Frogner, M., Hutter, W., Ruhe, J. Experiences with different partial discharge monitoring systems on rotating electrical machines 8273
Frohleke, N. *see* Heinemann, L. 32944
Frohlich, K., Karner, H.C., Konig, D., Lindmayer, M., Moller, K., Rieder, W. Fundamental

research on vacuum interrupters at technical universities in Germany and Austria 8701
Frohlich, K. *see* Wagemann, E.U. 40466
Frohlich, M. *see* Guntermann, M. 37751
Frohlich, O. *see* Alff, L. 35283
Frohlingsdorf, G., Goller, M., Masut, K.-D., Weber, W. Modelling of railway mobile radio channels in the 900 MHz band: results of measurements and parameters 22866
Frohnhoff, S. *see* Munder, H. 34725
Frolich, R.M. *see* Goldstein, R.M. 16012
Frolov, G.V. *see* Katok, V.B. 30817
Frolov, N.Ya. *see* Batanov, A.S. 4334
Fromen, C.W. *see* Kezunovic, M. 32507
Fromen, C.W. *see* Kezunovic, M. 47610
Fromen, C.W. *see* Kezunovic, M. 47936
Froment, M. *see* Agius, B. 18276
Froment, M. *see* Lincot, D. 26406
Froment, M. *see* Loizos, Z. 791
Fromentin, M. *see* Aguet, M. 25069
Fromherz, P., Muller, C.O., Weis, R. Neuron transistor: electrical transfer function measured by the patch-clamp technique 10594
Fromherz, T. *see* Glod, P. 42408
Fromhold, T.M. *see* Barmby, P.W. 42837
Fromhold, T.M. *see* Qin Guoyi 19332
Fromm, D.C. New developments in Na-Sc metal halide lamps 48454
Fromm, D.C., Hohlfeld, A. Reduced flickering of metal halide lamps by optimized electrode design 17596
Fromm, M. *see* Membrey, F. 38906
Frommer, J. *see* Dammer, U. 28348
Frommer, M.H. Anomalous Schottky effect and work function measurements on Ba-Sr-Ca oxide electron emitter material by laser-stimulated photoemission 19285
Fromont, J., Creff, H., Marie, X. The AVI initiative: functional requirements analysis and proposed framework for standardization 13893
Fromow Rangel, M.G., Noguchi, A. Inverse scattering analysis based on the equivalent source method for perfectly conducting cylinders using scattered data of several frequencies 21199
Fromzel, V., Ishchenko, A., Kuchma, I., Murzin, A., Pivinsky, E., Prilegaev, D. New quickly relaxing dye for passive mode-locking at 1300-1750 nm 20659
Fromzel, V.A. *see* Petrov, A.A. 20747
Fron, J. *see* Sakouti, K. 18641
Froncisz, W. *see* Piasecki, W. 19002
Froning, J.N., Froelicher, V.F. Computerized exercise ECG testing and measurement for optimizing the prediction of coronary artery disease 15863
Fronista, G. *see* Hwa-Liang Chiou 41649
Frontera, F., Dal Fiume, D., Landini, G., Artina, E., Biserni, M., Chiaverini, V., Monzani, F., Costa, E., Butler, R.C. Performances of the pulse shape electronics of the high energy experiment PDS on board the X-ray astronomy satellite SAX 15669
Frontini, V. *see* Rizzoli, V. 28196
Frontzek, F.R., Konig, D. Measurement of emission currents immediately after arc polishing of contacts—Method for internal-pressure diagnostics of vacuum interrupters 8708
Frontzek, F.R., Konig, D., Heinemeyer, R. Electrical methods for verifying internal pressure of vacuum interrupters after long-time service 8705
Frontzek, F.R. *see* Konig, D. 35154
Froome, P.K.D. Interim Def Stan 00-56: hazard analysis and safety classification of the computer and programmable electronic system elements of defence equipment 39447
Frosch-Wilke, D., Natarajan, K. A maximum entropy analysis of the single server queue 37105
Froschie, B., Bruemmer, H.P., Lang, W., Neumeier, K., Ramm, P. Fabrication of high quality MOS devices for application in hazardous environments based on RTP gate dielectrics with in situ RTCVD of polysilicon gates 28142
Froschle, B., Bruemmer, H.P., Lang, W., Neumeier, K., Ramm, P. Fabrication of high quality MOS devices for application in hazardous environments based on RTP gate dielectrics with in situ RTCVD of polysilicon gates 2173
Frost, B.S., Gourlay, P.M. Overmoded radiation propagation along rectangular waveguides: wave theory 4235
Frost, B.S., Gourlay, P.M. Coherent kaleidoscope I. Interference effects in a rectangular waveguide with point-source input 36319
Frost, B.S. *see* Gourlay, P.M. 36320
Frost, H.J. *see* Rodbell, K.P. *(editor)* 33206
Frost, J. Backplane-design basics help avert system-design problems 1698
Frost, J. *see* Kroger, P. 27084
Frost, J.E.F. *see* Ford, C.J.B. 27512
Frost, J.E.F. *see* Liang, C.-T. 42527
Frost, J.E.F. *see* Simpson, P.J. 10712
Frost, J.E.F. *see* Smith, C.G. 42534
Frost, J.E.F. *see* Tewordt, M. 42525
Frost, M.R. *see* Ishida, E. 42624
Frost, P. *see* Faulkner, D. 37646
Frost, P. *see* Hornung, S. 5629
Frost, V.S. Computer-aided modeling and simulation for communications networks 37268
Frost, V.S., Melamed, B. Traffic modeling for telecommunications networks 37055
Frost, V.S. *see* Minden, G.J. 14169
Frouin, F. *see* Benali, H. 7339
Frouin, F. *see* Benali, H. 37040
Frowein, H., Basting, D. High power (500 W) excimer laser project 20626
Frowein, H. *see* Shmaenok, L. 28026
Froystein, T. *see* Johansen, G.A. 31511
Fruchard, C. *see* Verrecchia, L. 14066
Fruchting, H. *see* Bode, F.-W. 37819
Fruchting, H. *see* Kattenbach, R. 45843
Fruhauf, J., Trautmann, K., Wittig, J., Zielke, D. A simulation tool for orientation dependent etching 27702
Fruhauf, J. *see* Dietrich, D. 19566
Fruhwirth, B., Mekelburg, K. On the efficient point set of tricriteria linear programs 18045
Fruhwirth, R. Tracks, outliers and kinks 46964
Fruhwirth, R., Lichtenwagner, P.K., Regler, M., Stampfer, D. The DELPHI forward track fit. Track fitting with outlier rejection 24080
Frullone, M., Riva, G., Grazioso, P., Carciofi, C. Reservation policies for packet voice protocols in cellular environments 22896
Frullone, M., Riva, G., Grazioso, P., Carciofi, C. Packet reservation multiple access in cellular environments 45869
Frullone, M. *see* Andrisano, O. 5748
Frullone, M. *see* Falciasecca, G. 45872
Frullone, M. *see* Grillo, D. 22900
Frullone, M. *see* Grillo, D. 22906
Frumin, L.L., Shtark, M.B. On electrocardiogram phase portrait 24276
Frunzio, L. *see* Cristiano, R. 24132
Frunzio, L. *see* Cristiano, R. 38878
Frunzio, L. *see* Nakagawa, H. 15614
Frutos, J.de *see* de Frutos, J.
Frutschi, H.U. Advanced Cycle System with new GT24 and GT26 gas turbines—historical background 32745
Fry, C.A. *see* Voorhees, J.W. 39263
Fry, F.A. *see* Clarke, R.H. 7506
Fry, F.J. *see* Stanghvi, N.T. 15713
Fry, H.W., West, J.P., Poon, S., Boeck, B.A., Yu, C.C. Applications of APCVD TEOS/O_3 thin films in ULSI IC fabrication 43109
Fry, H.W. *see* West, J.P. 19665
Fry, M. *see* Jha, S. 37449
Fry, M. *see* Richards, A. 14166
Fry, M. *see* Richards, A. 37125
Fry, M. *see* Saparamadu, V. 37237
Fry, M. *see* Seneviratne, A. 13917
Frye, D.C. *see* Heistand, R.H., II 9303
Frye, J.H. University-industry cooperative research yields dividends 183
Frye, R. *see* Cunningham, P.R. 29076
Frye, R.C. Why multichip modules?—economic issues 26196
Frye, R.C., Shah, A.V. Targeting low cost, high volume MCM applications 303
Frye, R.C., Shah, A.V. Targeting low-cost, high-volume MCM applications 9253
Frye, R.C., Tai, K.L., Lau, M.Y., Gabara, T.J. Trends in silicon-on-silicon multichip modules 35054
Frye, R.C. *see* Lau, M.Y. 331
Frye, R.C. *see* Sullivan, P.A. 17890
Frye, R.E. *see* Abbe, B.S. 37921
Fryer, R.J. *see* McDonald, J.P. 45161
Frysz, C.A. Selection of cathode current collector materials using electrochemical techniques 17154
Frysz, C.A. *see* Shui, X. 32986
Fu, B., Huebner, W., Trubelja, M.F., Stubican, V.S. $(Y_{1-x}Ca_x)FeO_3$: a potential cathode material for solid oxide fuel cells 17338
Fu, C.Y. *see* Alsmiller, F.S. 31541
Fu, D. *see* Chang, F.C. 9297
Fu, H. The performance of trellis-coded modulation 29449
Fu, H.C. *see* Sun, K.T. 30177
Fu, J. *see* Khoury, J. 13608
Fu, J. *see* Tseng, W.F. 42461
Fu, J.S. Design and performance of an uncoded BFSK and M-sequence PN code frequency hopping model 21474
Fu, K.-Y., Kawasaki, H., Olowolafe, J.O., Pyle, R.E. Ti thickness-dependent electromigration resistance for Ti/Al-Cu-Si metallization with and without barrier rapid-thermal-anneal in an ammonia ambient 2212
Fu, K.Y. *see* Dreyer, M.L. 42766
Fu, L.P. *see* Wang, X.W. 865
Fu, L.W., Rowe, D.M., Min, G. The effects of heat treatment on the electrical power factor of high-temperature annealed n-SiGe/GaP thermoelectric alloys 1873
Fu, L.W. *see* Wang, H. 9780
Fu, P. *see* Ravaioli, U. 11109
Fu, Q., Mak, G., van Driel, H.M. Tunable ultrashort pulse generation and amplification using optical parameteric techiques 21030
Fu, S. *see* Franceschini, M.A. 11996
Fu, S.F. *see* Letardi, T. 20623
Fu, S.L. *see* Asbeck, P.M. 11152
Fu, S.T., Kopp, W.F., Kao, M.Y., Duh, K.H.G., Smith, P.M., Chao, P.C., Yu, T.H. 4 GHz high-power high-efficiency pseudomorphic power HEMT 1534
Fu, S.T. *see* Komiak, J.J. 1618
Fu, T. *see* Chan, J. 27480
Fu, T. *see* Sidhu, D. 30250
Fu, T.C. *see* Rubin, M. 18170
Fu, W.S. *see* Bryan, R.P. 3389
Fu, W.S. *see* Olbright, G.R. 35620
Fu, X., Dong, J. The decoupling-variable structure adjustable-speed control system for induction motor 8368
Fu, X., Shen, Q.F., Dong, J. The transvector control system of voltage source GTR-PWM inverter-fed induction motor drive 8798
Fu, Y., Robyns, B., Labrique, F. Investigation on a fully digital control system for synchronous reluctance machines 16817
Fu, Y. *see* Ivchenko, E.L. 42506
Fu, Y.H., Damstra, G.C. Switching transients during energizing capacitive load by a vacuum circuit breaker 8707
Fu Chang *see* Ash, G.R. 30247
Fu Chang *see* Ash, G.R. 45373
Fu Chun-Kuei *see* Chun-Kuei Fu
Fu Chunbao *see* Wang Xiaowei 28703
Fu Ensheng *see* Ensheng Fu
Fu Hong *see* Hong Fu
Fu Hsin Chia *see* Hsin Chia Fu
Fu Jen-Ren *see* Jen-Ren Fu
Fu Jianming *see* Jianming Fu
Fu Jishi, Wu En, Mao Jinchang, Zhu Meidong, Liao Xianbo Forward injected current detection of magnetic resonance in a-Si:H solar cell 48111
Fu Kun Tang *see* Tang Fu Kun
Fu Kuo-Chang *see* Kuo-Chang Fu
Fu Lei Tah *see* Tah Fu Lei
Fu Lei Tan *see* Tan Fu Lei
Fu Pan, Chen Yong-Le, Zeng Quan-Kun, Xiang Lin-Kui Research of an intelligent ball screw measuring instrument 46603
Fu Pan *see* Chen Yong Le 38673
Fu Panming *see* Zhang Zhiguo 12372
Fu Shaojun *see* Shaojun Fu
Fu Shen-li *see* Shen-li Fu
Fu Shiliu *see* Shiliu Fu
Fu Wei The extraction of large-signal model parameters of GaAs MESFET by using computer optimization 11237
Fu Xiao-Ying *see* Liao Nian-Zhao 31423
Fu Xiaobin *see* Chen Chia-Erh 15500
Fu Xingfa *see* Wang Huitian 35422
Fu Xunwei, Wan Xu, Zhao Xiaojie The theory of clipping voltage switches and logic design of ternary TTL circuits at switch level 1205
Fu Yaoxian, Peng Ying, Hu Yongxiang, Li Huanxin, He Yigui A Nb_3Sn compact superconducting magnet with clear bore of diameter 36 mm 35298
Fu Yaoxian *see* Yaoxian Fu
Fu Ying *see* Ying Fu
Fu Zhang *see* Zhang Fu
Fu Zhong *see* Tan Zhengping 45646
Fu-Kuo Chang *see* Keilers, C.H., Jr. 33778
Fu-Long Zhang *see* Jian Wang 28661
Fu-Ming Juang, Nai-Que Wang, Jiann-Cherng Doong, Ming-Wen Chang, Yeon-Sheng Yang, Yuen-Sum Liu Electronic speckle pattern interferometer for measuring object vibration mode 29024
Fu-Qi Fang *see* Fang Fu-Qi
Fu-Qiang Li *see* Haidar, A.M. 1182
Fu-Run Zhang *see* Zhang Fu-Run
Fu-Sheng Chu *see* Miao-Li Pai 5284
Fu-Shin Lee, Moon, T.J., Masada, G.Y. Modeling of distributed electromechanical systems using extended bond graphs 29102
Fu-Tai Liou *see* Johnson, J.R. 11014
Fu-Wen Liu, Wei-Zhen Ni, De-Jung Wang A low delay adaptive pulse excitation code 13148
Fu-Zheng Zhou *see* Xi-Qi Feng 41244
Fubao Wang *see* Wang Fubao
Fucci, A. *see* Dionisi, C. 7222
Fuchen Wang *see* Wang Fuchen
Fucheng Lin *see* Jihong Geng 28729
Fucheng Lin *see* Lin Fucheng
Fucheng Zhang *see* Zhang Fucheng
Fuchigami, H., Tsumura, A., Koezuka, H. Polythienylenevinylene thin-film transistor with high carrier mobility 2531
Fuchino, S. *see* Tamada, N. 15249
Fuchisawa, T. *see* Toki, M. 41713
Fuchita, E. *see* Oda, M. 874
Fuchs, A.M. *see* Wesche, R. 20230
Fuchs, B.E. *see* Campbell, R. 24401
Fuchs, E.F. Architecture of a variable-speed wind power plant with direct-drive transmission 47814
Fuchs, E.F. *see* Fardoun, A.A. 47568
Fuchs, E.F. *see* Masoum, M.A.S. 47929
Fuchs, F. *see* Schneider, H. 6484
Fuchs, G. *see* Hangleiter, A. 20894
Fuchs, G. *see* Roux, J.F. 33722
Fuchs, H. *see* Anders, M. 28366
Fuchs, H.D. *see* Brandt, M.S. 3367
Fuchs, J. From IMP to QUICC: microcontroller functions 26963
Fuchs, J.-J. Multiscale identification of real sinusoids in noise 21824
Fuchs, M. *see* Bachler, J. 46934
Fuchs, M. *see* Dossel, O. 15821
Fuchs, W.K. *see* Rudnick, E.M. 1160

Fuchsloch, J., Steinigeweg, R.J. Main spindle units for highly dynamic, low-cost drives of up to 100 kW 9033
Fucili, G. *see* Nessi, M. 27099
Fuda, Y. *see* Ohtsuki, Y. 23510
Fudem, H., Moghe, S., Dietz, G. A highly integrated wideband millimeter-wave MMIC converter using 0.25-μm P-HEMT technology 10499
Fudo, H. *see* Wada, M. 24908
Fueki, S. *see* Sakamoto, K. 27870
Fueki, S. *see* Sakamoto, K. 27912
Fueloep, K. *see* Folkard, M.A. 9563
Fuente, J.I.da la *see* da la Fuente, J.I.
Fuente, R.De La *see* De La Fuente, R.
Fuente, R.M.N.de la *see* de la Fuente, R.M.N.
Fuentes, R. *see* Belendez, A. 3936
Fuentes, R. *see* Fimia, A. 44152
Fuerst, C.D., Herbst, J.F., Murphy, C.B., Van Wingerden, D.J. Melt-spun $PrCo_5$ and related magnet materials: coercivity enhancement by carbon addition 2783
Fuerst, L. *see* Li, Z. 17264
Fuest, R., Fabricius, N., Hollenbach, U., Wolf, B. Interferometric displacement sensor realized with a planar 3×3 directional coupler in glass 3111
Fufaev, V.V. *see* Kudrin, B.I. 8290
Fuga, F. *see* Bogliani, P. 48356
Fuga, F. *see* Farini, A. 8952
Fugier, P. *see* Molle, P. 20010
Fuglesang, C. *see* Dell'Acqua, A. 7283
Fuglister, E. *see* Gasser, S. 25989
Fugono, N. Reforming the national research institutions in Japan 33300
Fuguang Qin *see* Qin Fuguang
Fuh, A.Y.G. *see* Tzer-Hsiang Huang 43624
Fuhl, J., Schultes, G. Adaptive equalisation for DECT systems operating in low time-dispersive channels 14082
Fuhr, E., Garbi, M. Advanced lightweight high voltage power supply for night vision goggles 47976
Fuhr, H. Total quality management 26240
Fuhr, J., Haessig, M., Boss, P., Tschudi, D., King, R.A. Detection and location of internal defects in the insulation of power transformers 40283
Fuhr, P.L. Simultaneous single-fiber active vibration sensing and impact detection for large space structures 6549
Fuhr, P.L., Huston, D.R. Intelligent civil structures efforts in Vermont—an overview 23541
Fuhr, P.L., Huston, D.R. Multiplexed fiber optic pressure and vibration sensors for hydroelectric dam monitoring 31263
Fuhr, P.L., Huston, D.R., Ambrose, T.P. Prefabricated sensor panels for smart civil structures instrumentation 23679
Fuhr, P.L., Huston, D.R., Ambrose, T.P. Interrogation of multiple embedded fiber sensors in civil structures using radio telemetry 31264
Fuhr, P.L., Kajenski, P.J., Kunkel, D.L., Huston, D.R. A subcarrier intensity modulated fiber optic sensor for structural vibration measurements 6527
Fuhr, P.L. *see* Huston, D.R. 23652
Fuhr, P.L. *see* Spillman, W.B., Jr. 23670
Fuhrer, O., Rieke, S., Schmitz, C., Willer, B., Wollny, M. Alkaline Eloflux fuel cells and electrolysis cells using a new kind of gas diffusion electrodes 40459
Fuhrer, W.M., Marquardt, R., Papp, G. Water-cooled high power GTO converters for electric traction 17024
Fuhrichova, R. *see* Wagner, J. 40245
Fuhrichova, R. *see* Wagner, J. 47899
Fuhrichova, R. *see* Wagner, J. 47918
Fuhrmann, D.R. Estimation of sensor gain and phase 36756
Fuhrmann, D.R., Baro, J.A., Cox, J.R. Experimental evaluation of psychophysical distortion metrics for JPEG-encoded images 22080
Fuhrmann, D.R., Barton, T.A. New results in the existence of complex covariance estimates 29708
Fuhs, W., Lips, K. Recombination in a-Si:H films and pin-structures studied by electrically detected magnetic resonance (EDMR) 42439
Fuhs, W. *see* Lips, K. 8767
Fuhs, W. *see* Lips, K. 33032
Fuhs, W. *see* Lips, K. 33067
Fuhs, W. *see* Nickel, N.H. 9793
Fuhs, W. *see* Stachowitz, R. 34543
Fuhua Wang, Naifeng Mao Beam line error analysis, position correction and graphic processing 46749
Fuierer, P.A. *see* Turner, R.C. 39413
Fuja, R., Chung, Y. The APS linac beam position monitors and electronics 15414
Fuja, T.E. *see* Murad, A.H. 36507
Fujia Zhang *see* Zhang Fujia
Fujian Li *see* Li Fujian
Fujiang Liao *see* Liao Fujiang
Fujiang Yao *see* Yao Fujiang
Fujiasu, H. *see* Mohammadnejad, S. 3636
Fujibayashi, K. *see* Honma, H. 25849
Fujie Chen *see* Chen Fujie
Fujieda, S. Control of GaAs Schottky barrier height using a thin nonstoichiometric GaAs interface layer grown by low-temperature molecular beam epitaxy 18218
Fujieda, S. *see* Kawanaka, M. 10823
Fujihara, K. *see* Takenaka, N. 6240
Fujihara, M., Yoneda, K. Simulation through explicit state description and its application to semiconductor fab operation 257
Fujihara, M. *see* Nishiguchi, M. 23927
Fujihira, C., Morin, M., Hashizume, H., Friedt, J., Nakai, Y., Hirose, M. Carrier lifetime measurements by microwave photoconductive decay method at low injection levels 1827
Fujii, A. *see* Ohmori, Y. 3345
Fujii, A. *see* Ohmori, Y. 11872
Fujii, A. *see* Ohmori, Y. 20550
Fujii, A. *see* Ohmori, Y. 35599
Fujii, A. *see* Ohmori, Y. 43646
Fujii, A. *see* Watanabe, M. 27847
Fujii, E., Tomozawa, A., Fujii, S., Torii, H., Hattori, M., Takayama, R. NaCl-type oxide films prepared by plasma-enhanced metalorganic chemical vapor deposition 9753
Fujii, H., Atsuta, T. Current status of industrial COIL development 35919
Fujii, H., Yoshikai, N. Restoration message transfer mechanism and restoration characteristics of double-search self-healing ATM network 37262
Fujii, H. *see* Endo, K. 20858
Fujii, H. *see* Ishida, S. 17423
Fujii, H. *see* Ishikawa, S. 12186
Fujii, H. *see* Mito, K. 12004
Fujii, H. *see* Nomachi, M. 38922
Fujii, H. *see* Sasaki, O. 15660
Fujii, H. *see* Ueno, Y. 12173
Fujii, K., Ohga, J. Equation for brief evaluation of the convergence rate of the normalized LMS algorithm 29733
Fujii, K., Ohga, J. An analysis of the convergence property of the normalized LMS algorithm for echo cancellers 36592
Fujii, K., Shimizu, A. Possible configurations for all-optical ultrafast photonic switching 12365
Fujii, K., Tsuboi, S., Yoshihara, T., Tanaka, Y., Suzuki, K., Setoguchi, S., Miyatake, T. Sub-half-micron metal-oxide-semiconductor device fabrication using a compact synchrotron radiation lithography system 28165
Fujii, K. *see* Koike, Y. 3496
Fujii, K. *see* Sato, T. 7379
Fujii, K. *see* Yamamoto, T. 28757
Fujii, M., Fine, D.W. Flash memories illustrate progress in technology, uses 34038
Fujii, M. *see* Higuchi, M. 22364
Fujii, M. *see* Kobashi, S. 16589
Fujii, M. *see* Masuda, Y. 46692
Fujii, M. *see* Shimomura, S. 41347
Fujii, M. *see* Shimura, Y. 38602
Fujii, M. *see* Uto, S. 15156
Fujii, M.T. *see* Ono, S. 37553
Fujii, N. Digital cross-connect system control algorithm for reducing rearrangement needs 5653
Fujii, N. Relation between electrical characteristics and size of linear induction motor for urban transit 17558
Fujii, N. *see* Ishiwata, S. 27069
Fujii, N. *see* Kizuki, H. 18153
Fujii, N. *see* Ohta, S. 45435
Fujii, N. *see* Samadi, S. 18878
Fujii, N. *see* Yoshida, T. 1332
Fujii, S. Press facsimile transmission for remote printing in overseas, and news fax 14095
Fujii, S., Guan, Y., Tsukamoto, Y., Kumamoto, E., Matsuo, M., Yamasaki, K. Extraction of vessel center lines from cineangiograms of cerebral arteries 15765
Fujii, S., Hayashida, Y. Approximate analysis of delay performance of selective-repeat ARQ system with copy-transmission and its characteristics 30182
Fujii, S., Hayashida, Y. Exact analysis of delay performance of selective-repeat ARQ system with copy-transmission 30183
Fujii, S., Shikata, S., Wei, L., Tanigawa, S. The study of Si, Se and O-implanted GaAs by slow positrons 10816
Fujii, S. *see* Fujii, E. 9753
Fujii, S. *see* Kaneda, R. 4645
Fujii, S. *see* Nomura, Y. 5058
Fujii, S. *see* Nomura, Y. 36940
Fujii, S. *see* Ohnuma, S. 2859
Fujii, S. *see* Takayama, R. 6598
Fujii, S. *see* Ujifuku, S. 13591
Fujii, T., Ando, H., Sandhu, A., Okamoto, N. Gas-source MBE growth of AlGaAs and GaAs for HBT applications 2475
Fujii, T., Ando, H., Sandhu, A., Okamoto, N., Yamaura, S., Takahashi, T., Yokoyama, N. Gas-source MBE of (Ga, Al)As using only gaseous sources for HBT applications 692
Fujii, T., Sawabe, T., Nomura, M., Fujii, T., Ono, S. Performance required of a real-time super high definition image processing system 31152
Fujii, T. *see* Fujii, T. 31152
Fujii, T. *see* Fujikake, H. 48468
Fujii, T. *see* Ichitsubo, S. 14461
Fujii, T. *see* Kadota, H. 35066
Fujii, T. *see* Kageshima, M. 27444
Fujii, T. *see* Kanari, K. 25658
Fujii, T. *see* Kawabata, T. 16949
Fujii, T. *see* Kurata, Y. 17635
Fujii, T. *see* Masuda, T. 17412
Fujii, T. *see* Nobuhara, H. 20796
Fujii, T. *see* Ono, S. 18802
Fujii, T. *see* Saito, Y. 26393
Fujii, T. *see* Sato, F. 37876
Fujii, T. *see* Sawabe, T. 4952
Fujii, T. *see* Sawabe, T. 4952
Fujii, T. *see* Tamai, S. 8570
Fujii, T. *see* Tianxiong Xue 33832
Fujii, T. *see* Yamamoto, T. 12110
Fujii, Y., Kaya, Y. Assessment of technology options for reducing CO_2 emissions from man's global energy system 25116
Fujii, Y., Narumi, K., Kimura, K., Mannami, M., Hashimoto, T., Ogawa, K., Ohtani, F., Yoshida, T., Asari, M. Layer-by-layer growth of GaAs studied by glancing angle scattering of fast ions 9605
Fujii, Y., Suemune, I., Fujimoto, M. Comparison of electrical and optical properties of n-i-i and p-i-n ZnSSe heterostructure diodes 43647
Fujii, Y. *see* Horowitz, M. 33939
Fujii Seizo *see* Seizo Fujii
Fujikake, H., Takizawa, K., Fujii, T., Hirabayashi, T., Hirakata, K., Tanaka, Y., Takata, K., Takano, S., Kashiwagi, T. Novel luminaire using a liquid crystal light shutter 48468
Fujikake, H. *see* Takizawa, K. 3217
Fujikake, H. *see* Takizawa, K. 43552
Fujikake, H. *see* Tanino, H. 10679
Fujikake, Y. *see* Sugimoto, T. 9836
Fujikami, J. *see* Ohkura, K. 20219
Fujikami, J. *see* Ueyama, M. 35295
Fujikawa, J. *see* Suyitno, A. 16879
Fujikawa, K. *see* Jeong, S.K. 16851
Fujiki, S. *see* Ito, S. 19230
Fujiki, T. *see* Hiyama, T. 39546
Fujikura, H., Iwa-Ana, T., Hasegawa, H. Fabrication of InGaAs wires by preferential molecular beam epitaxy growth on corrugated InP substrate 41320
Fujimaki, H., Okita, Y. High speed high integration silicon bipolar process technology 35064
Fujimori, H. *see* Abe, S. 17525
Fujimori, H. *see* Kobayashi, N. 35217
Fujimori, H. *see* Ohnuma, S. 2859
Fujimori, H. *see* Shima, T. 43257
Fujimori, N. *see* Nakahata, H. 11425
Fujimori, N. *see* Nakahata, H. 28345
Fujimori, N. *see* Tsuno, T. 26407
Fujimori, N. *see* Tsuno, T. 33642
Fujimoto, H. *see* Ishibashi, S. 22673
Fujimoto, H. *see* Maeda, M. 37730
Fujimoto, I. The new coordinate calculation model of a two dimensional large scale laser digitizer 12510
Fujimoto, J. *see* Ishibashi, M. 19243
Fujimoto, J. *see* Kowaka, M. 3414
Fujimoto, J.G. *see* Adams, L.E. 20805
Fujimoto, J.G. *see* Ramaswamy, M. 12078
Fujimoto, J.G. *see* Ramaswamy, M. 12079
Fujimoto, J.G. *see* Swanson, E.A. 15814
Fujimoto, K., Hashimoto, S. Write/erase cyclability of Co/Pt disks 11477
Fujimoto, K., Kimoto, M., Nakata, S. Automatic extraction of the representative 2-D projected shape for polyhedral object from viewing vector map 22266
Fujimoto, K. *see* Kono, N. 18270
Fujimoto, K. *see* Kotani, M. 9866
Fujimoto, K. *see* Maruyama, Y. 35253
Fujimoto, M., Hoshi, K.-I., Nakazawa, M., Sekiguchi, S. Cu multiply twinned particle precipitation in low-temperature fired Ni-Zn-Cu ferrite 20138
Fujimoto, M. *see* Fujii, Y. 43647
Fujimoto, M. *see* Fukano, H. 19772
Fujimoto, M. *see* Kondo, N. 26449
Fujimoto, N. *see* Horimatsu, T. 35639
Fujimoto, N. *see* Ishida, S. 17423
Fujimoto, N. *see* Rokugawa, H. 38119
Fujimoto, R., Oyama, T., Kubo, M., Nagano, O., Shirasu, K. New laser processing technology 25964
Fujimoto, R.M. *see* Carothers, C.D. 37887
Fujimoto, S., Ikeda, K., Taguchi, T., Hasegawa, H., Kobori, H., Satoh, H., Sugaya, T., Kobayashi, T., Suzuki, K. High-density recording characteristics of a 90 mm phase-change optical disk 20266
Fujimoto, T., Higuchi, T., Ohnishi, S., Azuma, M., Yasuda, S., Fujiwara, Y. Study of watt loss characteristics of metal oxide surge arresters for HVDC converter stations and their equivalent testing voltage wave shapes 16293
Fujimoto, T. *see* Fujiwara, S. 17553
Fujimoto, T. *see* Ide, K. 8313
Fujimoto, T. *see* Sekioka, S. 11346
Fujimura, A. *see* Kojima, T. 21521
Fujimura, E. *see* Matsuda, N. 22747
Fujimura, K. Polymer film substrate allows STN LCDs to adopt curved display surfaces 46559
Fujimura, K., Yokoya, N., Yamamoto, K. Motion tracking of deformable objects by active contour models using multiscale dynamic programming 29802
Fujimura, K. *see* Higaki, N. 34086
Fujimura, M., Kintaka, K., Suhara, T., Nishihara, H. $LiNbO_3$ waveguide quasi-phase-matching

second harmonic generation devices with ferroelectric-domain-inverted gratings formed by electron-beam scanning 20971
Fujimura, M. *see* Bortz, M.L. 28957
Fujimura, M. *see* Kuroda, H. 13492
Fujimura, M. *see* Suhara, T. 21075
Fujinaga, M. *see* Kunikiyo, T. 42967
Fujinaka, M. *see* Takada, S. 33694
Fujinami, H. *see* Yashima, M. 40357
Fujino, S. *see* Himi, H. 27720
Fujino, S. *see* Suzuki, K. 1615
Fujino, T., Fujiwara, H. A search space pruning method for test pattern generation using search state dominance 41781
Fujino, T., Kitagawa, M. Radiation tolerance of GaAs integrated circuits 2681
Fujino, T., Maeda, H., Kumada, T., Moriizumi, K., Kubota, S., Koezuka, H., Morimoto, H., Watakabe, Y., Tsubouchi, N. Chemical amplification electron beam positive resist process free from surface insoluble layer 27955
Fujino, T. *see* Asahara, T. 14401
Fujino, T. *see* Kojima, T. 12824
Fujino, T. *see* Kojima, T. 21521
Fujino, T. *see* Morimoto, K. 675
Fujino, Y., Ogura, T. A real-time labeling with CAM 4863
Fujino, Y., Ogura, T., Tsuchiya, T. Facial image tracking system architecture utilizing real-time labeling [TV telephones and conferencing] 30343
Fujino, Y. *see* Ito, T. 32382
Fujino, Y. *see* Uchida, S. 32444
Fujino, Y. *see* Yamaguchi, R. 29344
Fujio, H. *see* Seo, K. 31007
Fujio, N. *see* Okamoto, S. 1669
Fujioka, A., Okamoto, T., Ohta, K. A practical secret voting scheme for large scale elections 12954
Fujioka, A. *see* Okamoto, T. 21528
Fujioka, H., Sohn, H., Weber, E.R., Verma, A. Application of low temperature GaAs to GaAs/Si 34892
Fujioka, I. *see* Saito, Y. 26964
Fujioka, I. *see* Saito, Y. 27002
Fujioka, M. *see* Kageyama, K. 46873
Fujioka, M. *see* Moride, H. 13949
Fujioka, T. A new method to obtain the best beam quality from COIL 35671
Fujioka, T. *see* Ishigame, M. 7654
Fujioka, T. *see* Tsukiyama, H. 11985
Fujisaka, T. *see* Kondo, M. 23146
Fujisaka, T. *see* Sugimoto, T. 14699
Fujisaki, A. *see* Nimura, H. 14591
Fujisaki, E. *see* Okamoto, T. 21528
Fujisaki, H., Hirose, K., Takahashi, N. Manifestation of linguistic information in the voice fundamental frequency contours of spoken Japanese 21688
Fujisaki, H. *see* Hirose, K. 21695
Fujisaki, H. *see* Ohno, S. 29563
Fujisaki, K., Tateiba, M. Restoration of holographic image degraded by atmospheric turbulence through spatial filtering 45037
Fujisawa, A., Hamada, Y. Theoretical study of cylindrical energy analyzers for MeV range heavy-ion beam probes 31575
Fujisawa, A. *see* Taniike, A. 15610
Fujisawa, M. *see* Sato, K. 11475
Fujisawa, N. *see* Ito, S. 19230
Fujisawa, S., Yamamoto, M., Hara, T. HDTV digital optical fibre transmission system 38213
Fujisawa, S. *see* Maeda, M. 46229
Fujisawa, S. *see* Maeda, M. 46239
Fujisawa, T. *see* De Baets, J. 31371
Fujisawa, T. *see* Inoue, S. 2346
Fujisawa, T. *see* Itoh, M. 42478
Fujisawa, T. *see* Nakase, M. 27939
Fujisawa, T. *see* Shimizu, F.O. 28737
Fujisawa, T. *see* Totoki, M. 18284
Fujisawa, Y. *see* Shimakura, Y. 24863
Fujise, M., Chujo, W., Chiba, I., Furuhama, Y., Kawabata, K., Konishi, Y. Study of LEO-SAT microwave link for broad-band mobile satellite communication system 37741
Fujise, M. *see* Arimoto, Y. 14571
Fujise, M. *see* Inagaki, K. 6043
Fujise, M. *see* Murakami, Y. 12743
Fujise, M. *see* Takeuchi, K. 29381
Fujishima, K. *see* Arimoto, K. 18715
Fujishima, K. *see* Ooishi, T. 18729
Fujishima, K. *see* Tsukude, M. 1229
Fujishima, K. *see* Tsukude, M. 18728
Fujishima, M., Asada, K. A nonpinchoff gradual channel model for deep-submicron MOSFET's 11205
Fujishima, M. *see* Asada, K. 18669
Fujishima, M. *see* Lee, M. 20013
Fujishima, N., Kitamura, A., Tada, G. Novel field reduction structure at tip of electrode fingers for low on-resistance high-voltage power double-diffused metal-oxide-semiconductor field-effect transistors 42921
Fujishima, T., Yoshimoto, Y., Ebinhara, K. Preparation of YBaCuO superconducting thin films by RF and microwave plasma-enhanced MOCVD 18263
Fujishima, T. *see* Nakamura, Y. 4883
Fujishiro, H., Furukawa, S., Takahashi, I., Kumashima, T. Structure and electrical properties of low-pressure-plasma-sprayed silicon-based materials 33679
Fujishiro, H., Ikebe, M., Noto, K., Sasaoka, T., Nomura, K. Thermal and electrical properties of Ag-Au and Ag-Cu alloy tapes for metal stabilizers of oxide superconductors 16381
Fujishiro, H. *see* Sasaoka, T. 35293
Fujishiro, H.I. *see* Shikata, M. 10101
Fujishiro, T. *see* Murakami, K. 33130
Fujita, D. *see* Ikeda, S. 6273
Fujita, H., Akagi, H. Combined system of a series active filter and a shunt passive filter—an optimum design of the shunt passive filter 1304
Fujita, H., Akagi, H., Sano, K., Mita, K., Leonard, R.H. Pulse density modulation based power control of a 4 kW 400 kHz voltage-source inverter for induction heating applications 8633
Fujita, H. *see* Kamata, A. 19500
Fujita, H. *see* Katafuchi, T. 38967
Fujita, H. *see* Kobayashi, D. 19685
Fujita, H. *see* Sakui, M. 17009
Fujita, H. *see* Shirai, T. 15305
Fujita, H. *see* Verma, S.C. 24789
Fujita, H. *see* Wei, S. 24631
Fujita, I. *see* Ishikawa, H. 6014
Fujita, J. *see* Ochiai, Y. 27834
Fujita, J. *see* Okamura, H. 31623
Fujita, J. *see* Taniike, A. 15610
Fujita, K., Akagi, S., Hase, H., Nakatogawa, T., Takeuchi, M. Plant layout design system using a hybrid approach with a constraint-directed search and a mathematical optimization technique 39716
Fujita, K., Fukatsu, S., Usami, N., Shiraki, Y., Yaguchi, H., Ito, R., Nakagawa, K. Self-modulating Sb incorporation in Si/SiGe superlattices during molecular beam epitaxial growth 690
Fujita, K., Hirashita, N. Step edge structures on Si(112) and (113) surfaces treated in NH_4F solution 42688
Fujita, K., Kanemaki, K., Ishimoto, H., Oda, N. Dynamic program updating method for packet switching systems 5573
Fujita, K. *see* Hino, M. 38559
Fujita, K. *see* Kato, J. 20499
Fujita, K. *see* Saito, H. 15812
Fujita, K. *see* Seno, K. 34047
Fujita, K. *see* Shiraki, Y. 19399
Fujita, K. *see* Yasuoka, T. 23277
Fujita, M., Matsunaga, Y. Variable ordering of binary decision diagrams for multi-level logic minimization 1210
Fujita, M., Ueda, T., Hiratsuka, N. Preparation of sintered acicular Ba-ferrite particles and determination of their magnetic properties 2798
Fujita, M. *see* Asakawa, M. 3695
Fujita, M. *see* Asakawa, M. 43691
Fujita, M. *see* Asakawa, M. 43965
Fujita, M. *see* Chen, J. 47026
Fujita, M. *see* Hashimoto, K. 11508
Fujita, M. *see* Ishikawa, M. 25719
Fujita, M. *see* Ito, T. 32382
Fujita, M. *see* Kuang-Chien Chen 18642
Fujita, M. *see* Kukimoto, Y. 26859
Fujita, M. *see* Matsunaga, Y. 18632
Fujita, M. *see* Matsunaga, Y. 18643
Fujita, M. *see* Niimi, K. 39237
Fujita, M. *see* Sugibayashi, T. 26919
Fujita, M. *see* Sugibayashi, T. 26954
Fujita, N. *see* Shirai, Y. 10595
Fujita, O., Amemiya, Y. A floating-gate analog memory device for neural networks 18914
Fujita, S. The technological trend and future prospect of blue laser diodes 35845
Fujita, S., Asano, T., Maehara, K., Fujita, S. Nitrogen doping in ZnSe by photo-assisted metalorganic vapor phase epitaxy 41336
Fujita, S., Otsubo, M., Watanabe, M. An intelligent control shell for CAD tools 33843
Fujita, S. *see* Fujita, S. 41336
Fujita, S. *see* Funato, M. 9663
Fujita, S. *see* Funato, M. 9663
Fujita, S. *see* Kakugawa, H. 5531
Fujita, S. *see* Kawakami, Y. 26451
Fujita, S. *see* Kawakami, Y. 41369
Fujita, S. *see* Kawakami, Y. 41369
Fujita, S. *see* Kitahata, H. 10508
Fujita, S. *see* Murawala, P.A. 34627
Fujita, S. *see* Murawala, P.A. 34627
Fujita, Sz. *see* Kawakami, Y. 26451
Fujita, T. SQUID detection of ultra-low magnetic signals 31388
Fujita, T. *see* Kobayashi, S. 23773
Fujita, T. *see* Okada, Y. 42476
Fujita, T. *see* Yamauchi, H. 26951
Fujita, Y. Time for tailoring human-machine interface technology to humans 39729
Fujita, Y., Nakano, T. Color reproduction in television. 2. Cameras 23304
Fujita, Y., Toquam, J.L., Wheeler, W.B., Tani, M., Mouri, T. Ebunka: do cultural differences matter? 39744
Fujita, Y. *see* Enomoto, R. 42351
Fujita, Y. *see* Fukunaga, C. 46852
Fujita, Y. *see* Ido, S. 15574
Fujita, Y. *see* Ishikawa, M. 25719
Fujita, Y. *see* Katsura, T. 6937
Fujita, Y. *see* Kobayashi, K. 15682
Fujita, Y. *see* Ohkubo, K. 14017
Fujita, Y. *see* Saitoh, Y. 46854
Fujita, Y. *see* Tanaka, M. 46975
Fujita, Y. *see* Tanaka, M. 46988
Fujito, K. *see* Furusawa, S. 6090
Fujito, K. *see* Takenaka, N. 6240
Fujito, K. *see* Tanaka, M. 6239
Fujito, M. *see* Inada, H. 46567
Fujiu, H. A body movement monitoring device of the patient during radiotherapy 15904
Fujiura, K., Nishida, Y., Sato, H., Sugawara, S., Kobayashi, K., Terunuma, Y., Takahashi, S. Plasma-enhanced chemical vapor deposition of ZrF_4-based fluoride glasses 818
Fujiwara, B. *see* Laskar, J. 5858
Fujiwara, C. *see* Xuping Zhou 45750
Fujiwara, E., Hamada, M. Single b-bit byte error correcting and double bit error detecting codes for high-speed memory systems 21600
Fujiwara, E., Tanaka, T. Fault-tolerant associative memories 41907
Fujiwara, E. *see* Hashimoto, M. 10168
Fujiwara, H. Technology trend of digital video and digital recording 31037
Fujiwara, H., Gotoh, J., Shirai, H., Shimizu, I. Low temperature growth of ZnS_xSe_{1-x} alloys fabricated by hydrogen radical enhanced chemical vapor deposition in an atomic layer epitaxy mode 18174
Fujiwara, H., Sakaguchi, T., Kimura, I., Enoki, R., Ishida, H. Prototyping of built-in PC-video phones 37562
Fujiwara, H., Sakaguchi, T., Saito, R., Maruyama, M. Development of VLSI of entropy coding for digital video 26983
Fujiwara, H., Yamamoto, A. Parity-scan design to reduce the cost of test application 1163
Fujiwara, H., Yamamoto, A. Parity-scan design to reduce the cost of test application 18581
Fujiwara, H. *see* Fujino, T. 41781
Fujiwara, H. *see* Inoue, T. 26905
Fujiwara, H. *see* Kobayashi, T. 46208
Fujiwara, H. *see* Mameno, K. 19527
Fujiwara, H. *see* Okumura, H. 15135
Fujiwara, H. *see* Sakamoto, T. 909
Fujiwara, H. *see* Usami, A. 10765
Fujiwara, K. *see* Hosoda, M. 44103
Fujiwara, K. *see* Miyazaki, J. 2357
Fujiwara, K. *see* Muramatsu, K. 16757
Fujiwara, M., Sawano, T. Photonic space-division switching technologies for broadband networks 45724
Fujiwara, M. *see* Harada, K. 33876
Fujiwara, M. *see* Harada, K. 34285
Fujiwara, M. *see* Shiozawa, T. 45566
Fujiwara, M. *see* Shiragaki, T. 30860
Fujiwara, M. *see* Tanaka, M. 31640
Fujiwara, N. *see* Ashikaga, T. 48225
Fujiwara, N. *see* Hatanaka, K. 46259
Fujiwara, N. *see* Imai, Y. 24985
Fujiwara, N. *see* Imai, Y. 25049
Fujiwara, N. *see* Kondo, N. 15213
Fujiwara, N. *see* Natori, K. 48227
Fujiwara, N. *see* Ono, M. 48226
Fujiwara, N. *see* Sakurai, T. 48190
Fujiwara, N. *see* Shibano, T. 2115
Fujiwara, N. *see* Terashima, M. 40602
Fujiwara, O., Andoh, N. Analysis of transient electromagnetic fields radiated by electrostatic discharges 21288
Fujiwara, O., Hao-Jung Chen Reliability analysis of water supply systems integrating with treatment plant operations 9345
Fujiwara, S., Fujimoto, T. Characteristics of combined levitation and guidance EDS maglev system 17553
Fujiwara, S., Yamaoka, Y., Harada, M., Nishino, J., Yuasa, R., Inai, M., Suzuki, S., Tanaka, T., Morigami, M., Watanabe, T., Yamashita, Y. Fabrication of X-ray masks with 0.15 μm level two-dimensional patterns by using highly accurate FIB lithography 2314
Fujiwara, S. *see* Nakamura, T. 23719
Fujiwara, S. *see* Nakamura, T. 38552
Fujiwara, S. *see* Okada, T. 41914
Fujiwara, S. *see* Takahashi, N.S. 43655
Fujiwara, S. *see* Tanaka, T. 11099
Fujiwara, T., Cao, X.F., Ramaswamy, R.V. Photorefractive effect in annealed proton-exchanged $LiTaO_3$ waveguides 20376
Fujiwara, T., Tahara, R. Expression of high frequency-losses in Mn-Zn ferrite 43291
Fujiwara, T., Yamada, H. Temperature measurements of a birefringent substrate ($LiNbO_3$) in a radio frequency discharge by laser interferometry 31501
Fujiwara, T. *see* Kasami, T. 21596
Fujiwara, T. *see* Mori, H. 3139
Fujiwara, T. *see* Tamba, N. 34046
Fujiwara, T. *see* Yamada, H. 31377
Fujiwara, Y. *see* Fujimoto, T. 16293
Fujiwara, Y. *see* Ohashi, Y. 39611
Fujiwara, Y. *see* Takasu, N. 16913
Fujiyama, S. *see* Mori, M. 9003
Fujiyama, Y., Takeici, H., Clendening, S.J. Trends in public-networks in the U.S. and Fujitsu's activity 45690
Fujiyasu, H. *see* Ishida, A. 20904
Fujiyasu, H. *see* Ishida, A. 43893
Fujiyasu, H. *see* Sakakibara, S. 727

Fujiyasu, H. *see* Sakakibara, S. 9519
Fujiyasu, H. *see* Sakurai, N. 26447
Fujiyoshi, H. *see* Azegami, M. 22399
Fujiyoshi, K., Kajitani, Y. 2-terminal nets via minimization problem by dynamic programming in terms of terminals partition 932
Fukada, E. *see* Herminghaus, S. 43463
Fukada, H. *see* Arakawa, T. 35117
Fukada, N. *see* Okui, A. 33118
Fukada, S., Kudo, K., Suzuki, M. Relationship between void formation and electromigration performance in Al/TiW multilayered interconnections 42748
Fukada, S. *see* Okui, A. 8946
Fukada, S. *see* Sugahara, H. 5841
Fukada, Y., Imai, T., Aiki, M. BER fluctuation suppression in optical in-line amplifier systems using polarisation scrambling technique 45916
Fukagai, K. *see* Ishikawa, S. 12186
Fukahori, H. *see* Kumagai, N. 40395
Fukai, I. *see* Kashiwa, T. 4254
Fukai, I. *see* Kashiwa, T. 21450
Fukai, I. *see* Kasuga, M. 6739
Fukai, I. *see* Maeda, S. 19193
Fukai, I. *see* Miyata, K. 4253
Fukai, K. *see* Sugimoto, S. 7230
Fukamachi, H. *see* Akamatsu, S. 22162
Fukami, E. *see* Murakami, Y. 20416
Fukami, K. *see* Shizuma, K. 15686
Fukami, S. *see* Fukumoto, M. 33009
Fukami, T., Miyamoto, T., Taka, K. A self-excitation scheme for brushless single-phase synchronous generator with a full-wave rectification circuit on rotor 8312
Fukami, T. *see* Ichikawa, F. 35276
Fukami, T. *see* Shibata, F. 8320
Fukano, H., Takanashi, Y., Fujimoto, M. Surface currents in InP/InGaAs heterojunction bipolar transistors produced by passivation film formation 19772
Fukano, Y., Uchihashi, T., Okusako, T., Chayahara, A., Sugawara, Y., Yamanishi, Y., Oasa, T., Morita, S. Time evolution of contact-electrified electron dissipation on silicon oxide surface investigated using noncontact atomic force microscope 42574
Fukano, Y. *see* Morita, S. 11340
Fukao, S. *see* Maekawa, Y. 7597
Fukao, S. *see* Nakamura, T. 7613
Fukao, S. *see* Tsunoda, R.T. 47257
Fukao, S. *see* Yamamoto, M. 47256
Fukao, T. *see* Chiba, A. 16874
Fukao, T. *see* Nomura, S. 16850
Fukao, T. *see* Takahashi, T. 16811
Fukasawa, A. *see* Takizawa, Y. 13123
Fukasawa, K. *see* Aoki, T. 41415
Fukasawa, T., Nouda, T., Nakamura, A., Shindo, H., Horiike, Y. RF self-bias characteristics in inductively coupled plasma [for etching] 27714
Fukatsu, S., Usami, N., Kato, Y., Sunamura, H., Shiraki, Y., Oku, H., Ohnishi, T., Ohmori, Y., Okumura, K. Gas-source molecular beam epitaxy and luminescence characterization of strained $Si_{1-x}Ge_x/Si$ quantum wells 41363
Fukatsu, S. *see* Asai, K. 42728
Fukatsu, S. *see* Fujita, K. 690
Fukatsu, S. *see* Kato, Y. 3357
Fukatsu, S. *see* Kato, Y. 35592
Fukatsu, S. *see* Kato, Y. 41366
Fukatsu, S. *see* Shiraki, Y. 19399
Fukatsu, S. *see* Takahashi, Y. 19389
Fukatsu, S. *see* Usami, N. 9514
Fukatsu, S. *see* Usami, N. 41265
Fukatsu, S. *see* Usami, N. 41342
Fukaumi, T., Sakata, K., Arai, S., Kobayashi, A., Nishiyama, T., Ooi, M. Functional polymer tantalum capacitors 42260
Fukawa, K. *see* Tomisato, S. 37878
Fukawa, K. *see* Yoshino, H. 44464
Fukaya, A. *see* Tsuchimoto, M. 41543
Fukino, M. *see* Horie, H. 48284
Fukino, M. *see* Irie, N. 48321
Fukino, M. *see* Yamamura, H. 48322
Fukitani, K. *see* Nishimura, Y. 14343
Fukke, H. *see* Kodama, N. 2802
Fukke, H. *see* Kodama, N. 20147
Fukke, H. *see* Kodama, N. 43303
Fuks, I.M. *see* Mikhailova, D.V. 29131
Fuks, I.M. *see* Mikhaylovskiy, A.I. 12556
Fuku, Y. *see* Suzuki, M. 29726
Fukuchi, H. Effects of integration time on rain attenuation statistics at 20 GHz 29182
Fukuchi, H. *see* Tsuzuku, A. 22982
Fukuchi, H. *see* Tsuzuku, A. 29314
Fukuchi, K., Suzaki, T., Henmi, N., Takano, I. 20 Gb/s NRZ data transmission under transmitter and receiver with electrical 3 R functions 30851
Fukuda, A. Meteor burst communications 45906
Fukuda, A., Hattas, D. Gang reflow soldering of 0.3 mm lead pitch QFP 19277
Fukuda, A. *see* Gang Wu 22326
Fukuda, A. *see* Onishi, M. 38008
Fukuda, A. *see* Wu, G. 13872
Fukuda, B. *see* Sato, K. 43256
Fukuda, E. *see* Ohishi, Y. 33913
Fukuda, H., Kobayashi, Y., Hama, K., Tawa, T., Okazaki, S. Evaluation of pupil-filtering in high-numerical aperture i-line lens 27843
Fukuda, H., Nakaoka, M. State-vector feedback control based high-frequency carrier PWM power conversion amplifier with high-precision magnetic-field current-tracking scheme 16969
Fukuda, H., Nakaoka, M. State-feedback control-based 100 kHz carrier switched-mode PWM power conversion amplifier for magnetic-gradient field current-tracking control 31854
Fukuda, H. *see* Arakawa, T. 19441
Fukuda, H. *see* Hayashi, T. 18703
Fukuda, H. *see* Kawazu, Y. 1973
Fukuda, H. *see* Kim, Y.J. 47979
Fukuda, H. *see* Ochiai, T. 28122
Fukuda, H. *see* Uchiyama, A. 35089
Fukuda, H. *see* Yamane, N. 13587
Fukuda, I., Kan, K., Ogawa, K. Manufacture of automatic testing system for voltage transformers 40281
Fukuda, K., Akiyama, T. Fine accuracy part manufacturing with die and mold technologies: laser spot welding method to clamp core sheet of motor-core 26176
Fukuda, K., Kitoh, R., Awai, I. Microwave characteristics of TiO_2-Bi_2O_3 dielectric resonator 11446
Fukuda, K., Nabielek, H. Performance of modern HTGR fuels under normal and abnormal conditions 39836
Fukuda, K. *see* Saito, Y. 2605
Fukuda, K. *see* Shiraishi, Y. 18420
Fukuda, M., Hirono, T., Kurosaki, T., Kano, F. 1/f noise behavior in semiconductor laser degradation 28872
Fukuda, M., Kano, F., Kurosaki, T., Yoshida, J.-I. Degradation behaviour of highly coherent 1.55 μm long-cavity multiple quantum well DFB lasers 5889
Fukuda, M., Suzuki, M., Shibayama, A. Improvement of alignment accuracy of an SR stepper 28021
Fukuda, M., Yamada, N., Teshima, T., Kan, K., Utsunomiya, M. Logic verification system for power plant sequence diagrams 47688
Fukuda, M. *see* Fukuda, S. 46318
Fukuda, M. *see* Kai Zhang 653
Fukuda, M. *see* Orsal, B. 20841
Fukuda, M. *see* Suzuki, Y. 35773
Fukuda, M. *see* Yamamoto, H. 19173
Fukuda, S., Endoh, T. Control method for a combined active filter system employing a current source converter and a high pass filter 16962
Fukuda, S., Endoh, T. Control method and characteristics of active power filters 16994
Fukuda, S., Gotoh, T. Vapor phase grown second-order nonlinear optical organic crystal film waveguides 28966
Fukuda, S., Iwaji, Y., Aoyama, T. Modelling and control of sinusoidal PWM rectifiers 8666
Fukuda, S., Matsuta, K., Fukuda, M., Nojiri, Y., Minamisono, T., Omata, K. Isotope identification by KODAQ for β-NMR study 46318
Fukuda, S. *see* Endoh, T. 16117
Fukuda, S. *see* Horiguchi, S. 41984
Fukuda, S. *see* Tatsumi, T. 27695
Fukuda, T., Hattori, S., Arai, F., Nagamori, S. Optical micro actuator 20072
Fukuda, T., Itou, S., Arai, F. Recognition of human face using fuzzy inference and neural network 4881
Fukuda, T. *see* Esaki, H. 37077
Fukuda, T. *see* Hiruma, N. 38950
Fukuda, T. *see* Kang, J. 41237
Fukuda, T. *see* Kitade, S. 46475
Fukuda, T. *see* Kodama, T. 45637
Fukuda, T. *see* Mangelsdorf, C. 27024
Fukuda, T. *see* Mito, K. 12004
Fukuda, T. *see* Naito, K. 35706
Fukuda, T. *see* Ueyama, T. 5819
Fukuda, Y., Matsumoto, H. Speech recognition using modular organizations based on multiple Hopfield neural networks 4576
Fukuda, Y. *see* Hashimoto, M. 11704
Fukuda, Y. *see* Kurachi, I. 35011
Fukuda, Y. *see* Numata, K. 10163
Fukuda, Y. *see* Shirakawa, M. 29370
Fukuda, Y. *see* Tanaka, K. 17617
Fukuhara, H., Yasuma, T., Endo, H. Laser radar system for automobiles 23210
Fukuhara, K. *see* Inamori, S. 38289
Fukuhara, M., Kakehashi, H., Ohta, Y., Fukunaga, H., Ninomiya, T. Long-term aging effect on LED circuit with Fe-based amorphous current transformer 35243
Fukuhara, M., Kakehashi, H., Shiomi, T., Noguchi, T. Study on design method using circuit simulator for non-linear inductors in inverter circuits 9946
Fukui, C. *see* Haba, T. 7893
Fukui, C. *see* Watanabe, D. 32362
Fukui, H. *see* Morimatsu, E. 30965
Fukui, H. *see* Narumi, S.-i. 43310
Fukui, H. *see* Suzuki, F. 38398
Fukui, K., Buchau, J., Valladares, C.E. Convection of polar cap patches observed at Qaanaaq, Greenland during the winter of 1989-1990 47252
Fukui, K. *see* Tanaka, S. 19007
Fukui, K. *see* Yagi, N. 34090
Fukui, M. Optoelectronic parallel computing system with optical image crossbar switch 20446
Fukui, M., Hori, M., Makihara, C., Terasawa, M. Multi-layer ceramic substrates as the best solution for MCM 17854
Fukui, M., Kitayama, K. Implementations of optical image crossbar switch (OPIX) 11729
Fukui, M., Kitayama, K. Processing capability of a parallel optical computing system based on image logic algebra (ILA) 11742
Fukui, M. *see* Makishi, Y. 31837
Fukui, S. *see* Shimakura, Y. 16122
Fukui, T. Fractional superlattices and their device applications 19406
Fukui, T., Ando, S. GaAs quantum dots by MOCVD 9744
Fukui, T. *see* Goto, S. 41316
Fukui, T. *see* Kitani, I. 11377
Fukui, T. *see* Okumura, K. 17354
Fukui, Y. *see* Kameyama, K. 23815
Fukui, Y. *see* Tsukutani, T. 1306
Fukuike, T. *see* Mori, Y. 15202
Fukuma, H. Status of TRISTAN MR 15335
Fukumasa, O., Iwasaki, T. Development of a double plasma type negative ion source 46811
Fukumasa, O., Tanebe, T., Naitou, H. Modeling cesium effects on enhancement of H^- production in a tandem negative ion source 15609
Fukumasa, O. *see* Naitou, H. 46729
Fukumi, T. Metal fine particle doped glass and its application to nonlinear optical devices 28968
Fukumitsu, H., Kobayashi, T. Recent acoustic design of control room 46268
Fukumizu, T. *see* Ono, S. 19931
Fukumochi, Y. *see* Hatade, K. 34947
Fukumoto, A. *see* Ichimura, I. 20423
Fukumoto, A. *see* Yasuda, K. 20250
Fukumoto, H. *see* Saito, T. 11043
Fukumoto, M., Kubota, H., Tsujii, S. New block adaptive algorithm using conjugate-gradient method in noisy environment and its performance 36747
Fukumoto, M., Negoro, K., Okane, I., Kitoh, M., Fukami, S. Fabrication of solid oxide fuel cell electrodes by plasma spraying of Ni/YSZ mechanically alloyed composite powders 33009
Fukumoto, M., Tsubokawa, H., Kubota, H., Tsujii, S. Influence of A/D conversion on RLS algorithm using UD factorization 21855
Fukumoto, M. *see* Oishi, K. 29659
Fukumoto, M. *see* Yamauchi, H. 26918
Fukumoto, M. *see* Yamauchi, H. 26951
Fukumoto, S., Hayashi, Y., Hatayama, T., Noguchi, T., Ibuki, S. Comparison between the photoluminescence properties of $LaPO_4$:Tb,Ce phosphor under 254nm excitation and those under 365nm excitation 17591
Fukumoto, T. *see* Michiyama, J. 34042
Fukumoto, Y., Hayashi, S., Ogawa, R., Kawate, Y. Large normal resistance and THz electromagnetic-wave response in YBaCuO step-edge microbridge Josephson junction 28417
Fukumoto, Y., Ogawa, R., Kawate, Y. Optimum bias conditions for K-band microwave mixing using YBaCuO step-edge microbridge Josephson junction 11536
Fukunaga, C., Fujita, Y., Higashi, Y., Ikeda, H., Ikeda, M., Koike, S., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Avrillon, S., Okuno, S., Mori, S., Yusa, K., Haba, J., Hanai, H., Nagashima, Y. Vertex detector for the KEK B-factory 46852
Fukunaga, C., Tanaka, M., Ikeda, H., Igarashi, Y. Transputer based local event builder for the KEK B-factory silicon microvertex detector 46976
Fukunaga, C. *see* Saitoh, Y. 46854
Fukunaga, C. *see* Tanaka, M. 46975
Fukunaga, C. *see* Tanaka, M. 46988
Fukunaga, H. *see* Fukuhara, M. 35243
Fukunaga, K. A new partial discharge detection method for live UHV/EHV cable joints 47514
Fukunaga, K. *see* Hayashi, Y. 29565
Fukunaga, K. *see* Izumi, M. 13484
Fukunaga, S. *see* Baba, Y. 10592
Fukuno, A., Ishizaka, C., Yoneyama, T. Magnetic properties of Sm-Fe-N powders heat-treated in hydrogen 11460
Fukuoka, H. *see* Hirao, M. 9865
Fukuoka, K. *see* Amano, T. 3056
Fukuoka, Y. *see* Nii, M. 17889
Fukushima, A. *see* Shirakawa, T. 17356
Fukushima, K., Okada, M., Hiroshige, K. Neocognitron with dual C-cell layers 45071
Fukushima, K., Takaoka, G.H., Yamada, I. Epitaxial growth of TiO_2 rutile thin films on sapphire substrates by a reactive ionized cluster beam method 682
Fukushima, K. *see* Wakabayashi, T. 23829
Fukushima, M. Electromagnetic calorimeter for KEK B-Factory 7178
Fukushima, M. Effect of field-dependent diffusion coefficient in QWITT diodes 19042
Fukushima, S., Ibi, Y., Kanda, A., Kawasaki, S. A mapping system for power distribution lines 39592
Fukushima, S., Kurokawa, T. Direct image transmission through a multi-mode fiber using an optically addressed spatial light modulator 11606

Fukushima, S., Okamura, K., Kase, T., Prost, G. A high-performance edge heater for the hot strip mill 33159
Fukushima, S. *see* Yamazaki, H. 3927
Fukushima, T., Hishinuma, Y., Miyadera, H. Hitachi's policy on protecting the global environment 47284
Fukushima, T., Kasukawa, A., Iwase, M., Namegaya, T., Shibata, M. Compressively strained 1.3 μm InAsP/InP and GaInAsP/InP multiple quantum well lasers for high-speed parallel data transmission systems 12107
Fukushima, T., Kato, K., Ohsumi, S., Takenaka, T. IR detectors using $Pb(Mg_{1/3}Nb_{2/3})O_3$ and $Pb(Sc_{1/2}Ta_{1/2})O_3$ ceramics under DC bias 6502
Fukushima, T., Matsumoto, N., Nakayama, H., Ikegami, Y., Namegaya, T., Kasukawa, A., Shibata, M. Wideband and high-power compressively strained GaInAsP/InP multiple-quantum-well ridge waveguide lasers emitting at 1.3 μm 20797
Fukushima, T., Matsumoto, N., Nakayama, H., Ikegami, Y., Namegaya, T., Kasukawa, A., Shibata, M. Strained GaInAsP/InP multiple-quantum-well lasers for wide-band analog and high-speed digital fiber-optic networks 28860
Fukushima, T. *see* Anayama, C. 3630
Fukushima, T. *see* Furaya, A. 43840
Fukushima, T. *see* Furuya, A. 12176
Fukushima, T. *see* Kasukawa, A. 12106
Fukushima, T. *see* Kono, Y. 32351
Fukushima, T. *see* Matsumoto, N. 35898
Fukushima, Y., Matsuoka, A., Takagi, T. Simulator for SEPCO Ikata power station Unit No.3 16578
Fukushima, Y., Sakuda, M., Terunuma, N., Watase, Y., Nakano, I., Haba, J., Kanda, N., Krueger, A. Readout electronics for the Venus TRD at TRISTAN 15662
Fukusima, N. *see* Shimakura, Y. 24863
Fukuta, M. *see* Uchiyama, M. 6253
Fukutani, I. *see* Sato, M. 21435
Fukuyama, T. *see* Yamamoto, T. 29935
Fukuyama, Y., Ueki, Y. Fault analysis system using neural networks and artificial intelligence 16433
Fukuyama, Y. *see* Yamamura, H. 48322
Fukuyo, H. *see* Onoda, H. 10987
Fukuzaki, Y. *see* Hatakeyama, S. 34041
Fukuzawa, K., Kato, Y., Sugiyama, M. Speaker-independent continuous speech recognition using FPM (fuzzy partition model) and LR parsers 36587
Fukuzawa, K. *see* Sagayama, S. 14081
Fukuzawa, S., Yoshino, H., Ishida, S., Kondoh, K., Yoshii, T., Aizaki, N. Application of KrF excimer laser lithography to 256Mb DRAM fabrication 18738
Fulai Lin Two-wavelength system for temperature measurement 25808
Fulchignoni, P., Marrota, G., Wiley, A.J. Applying security to SMDS: a practical example 5545
Fuld, B. An objective for power electronics engineers: optimize the life-time cost 1029
Fuld, B. A cost-effective DC/DC-converter with integrated UPS-function 17056
Fuld, B., Kern, S., Ridley, R. A combined buck and boost power-factor-controller for three-phase input 8591
Fuld, R.B., Harmon, D.L. Human factors integration for large scale facility designs 39724
Fuldseth, A., Harborg, E., Johansen, F.T., Knudsen, J.E. Pitch prediction in a wideband CELP coder 29566
Fulford, K.L. *see* Eisenberg, J.H. 34754
Fulin Xiong, Chang, R.P.H., Hagerman, M.E., Kozhevnikov, V.L., Poeppelmeier, K.R., Haitain Zhou, Wong, G.K., Ketterson, J.B., White, C.W. Pulsed excimer laser deposition of potassium titanyl phosphate films 21023
Fullenbaum, M. *see* Rosenbluth, A.E. 27896
Fuller, C.R. *see* Bor-Tsuen Wang 35190
Fuller, C.R. *see* Guigou, C. 32126
Fuller, C.R. *see* Thomas, R.H. 36632
Fuller, G. MMST lithography 27838
Fuller, J. *see* Cofie, P. 32461
Fuller, J.M. *see* Auborn, J.E. 13599
Fuller, L.F. *see* Smith, B.W. 2373
Fuller, L.F. *see* Smith, B.W. 2379
Fuller, L.K. If interactive video is the goal, what is the best educational means to achieving it? 31036
Fuller, R. *see* Ruth, R.D. 46776
Fuller, T.F., Doyle, M., Newman, J. Simulation and optimization of the dual lithium ion insertion cell 25660
Fuller, T.F., Doyle, M., Newman, J. Relaxation phenomena in lithium-ion-insertion cells 48094
Fullerton, L.W. *see* Withington, P., II 45764
Fullett, K.D., Kasstan, B.J., Kelley, W.D., Riginos, V.E., Shen, P.-H., Teller, S.L., Tharaud, Y. The EUTELSAT in-orbit test system 7520
Fullett, K.D., Kelley, W.D., Riginos, V.E., Shen, P.-H., Teller, S.L. Microwave measurement system software 7535
Fullmann, M. *see* Schlangenotto, H. 2433
Fullowan, T. *see* Wisk, P. 780
Fullowan, T.R., Pearton, S.J., Kopf, R.F., Ren, F., Chen, Y.K., Smith, P.R., Chin, M.A., Lothian, J. Dry etch self-aligned AlInAs/InGaAs heterojunction bipolar transistors 2455
Fullowan, T.R., Ren, F., Pearton, S.J., Mahoney, G.E., Kostelak, R.L. Anisotropic reactive ion etching of submicron W features in CF_4 or SF_6 plasmas 10899
Fullowan, T.R., Ren, F., Tseng, B., Pearton, S.J., Abernathy, C.R., Harriott, L.R., Lane, E. Highly reliable WGe ohmic contact to GaAs-AlGaAs HBTs 42894
Fullowan, T.R. *see* Lothian, J.R. 11151
Fullowan, T.R. *see* Pearton, S.J. 2095
Fullowan, T.R. *see* Pearton, S.J. 2139
Fullowan, T.R. *see* Pearton, S.J. 2581
Fullowan, T.R. *see* Pearton, S.J. 19620
Fullowan, T.R. *see* Pearton, S.J. 42738
Fullowan, T.R. *see* Ren, F. 1932
Fullowan, T.R. *see* Ren, F. 2486
Fullowan, T.R. *see* Ren, F. 11241
Fullowan, T.R. *see* Ren, F. 27635
Fullowan, T.R. *see* Witmer, S.B. 2471
Fulmek, P. *see* Hauser, H. 33783
Fulong Ma *see* Ma Fulong
Fulton, J.A. *see* Chang, D.D. 42339
Fulton, J.A. *see* Chang, D.D. 42340
Fulton, J.P. *see* Namkung, M. 9850
Fulton, J.P. *see* Wincheski, B. 9846
Fulton, J.P. *see* Wincheski, B. 26539
Fulton, N.N., Lawrenson, P.J. Switched reluctance drives for electric vehicles: a comparative assessment 40612
Fulton, R.D. *see* Taylor, A.J. 20625
Fulton, R.E. *see* Chao-Pin Yeh 42292
Fuma, M., Okamoto, M., Kawahara, K., Nagao, F., Matsui, M. A single chip decompression LSI based on ATRAC for mini disc 14853
Fumagalli *see* Ambrosini, G. 38419
Fumagalli *see* Ambrosini, G. 38898
Fumagalli, A. *see* Chlamtac, I. 30391
Fumagalli, A. *see* Chlamtac, I. 30393
Fumagalli, A. *see* Chlamtac, I. 30830
Fumagalli, A. *see* Chlamtac, I. 30857
Fumagalli, G. *see* Dell'Acqua, A. 7283
Fumagalli, G. *see* Dell'Acqua, A. 46998
Fumagalli, P. *see* Spaggiari, C. 19459
Fumelli, M. *see* Pamela, J. 46734
Fumelli, M. *see* Watanabe, K. 38831
Fuming Li *see* Li Fuming
Fuming Yang *see* Jifan Hu 35223
Fuming Yang *see* Yang Fuming
Fummi, F. *see* Bezzi, G. 41875
Fummi, F. *see* Bolchini, C. 1149
Fumoto, T. *see* Arimoto, Y. 20130
Fumoto, T. *see* Ohkubo, K. 43277
Fumy, W. Key management 21581
Fumy, W. (Local area) network security 22559
Fumy, W., Leclerc, M. Placement of cryptographic key distribution with OSI: design alternatives and assessment 5467
Fun Luk Shu *see* Shu Fun Luk
Funabashi, N. *see* Hosoda, T. 25584
Funabashi, T. *see* Kai, T. 32414
Funabashi, T. *see* Okada, T. 41914
Funabiki, N., Takefuji, Y. A parallel algorithm for traffic control problems in three-stage connecting networks 30457
Funabiki, S., Toita, N. A PWM-controlled rectifier step up/down output voltage with a high power factor 40298
Funada, Y. VCO techniques enable compact, high-frequency mobilecom 14501
Funahashi, T. *see* Kamikawaji, T. 32956
Funahashi, T. *see* Sanada, T. 6091
Funahashi, T. *see* Smeets, R.P.P. 40364
Funahashi, T. *see* Tanaka, M. 6239
Funaki, K. *see* Matsumoto, K. 20169
Funaki, K. *see* Miura, O. 2921
Funaki, M. *see* Asai, S. 19231
Funaki, T., Kimura, N., Matsu-ura, K. Suppression of DC line current oscillation of HV DC transmission system using voltage source forced commutation converter 7919
Funaki, T. *see* Kimura, N. 16158
Funaki, T. *see* Kimura, N. 16242
Funakoshi, K. Process flow system for VLSI research and development 272
Funanokawa, W. *see* Kodama, R. 14351
Funato, H., Kawamura, A. Analysis of variable active-passive reactance 16964
Funato, H., Kawamura, A. Active-passive power circuit 17011
Funato, K., Taira, K., Nakamura, F., Kawai, H. Electron transport in GaSb/InAs hot electron transistor grown by metalorganic chemical vapor deposition 19769
Funato, M., Fujita, S., Fujita, S. Fabrication of short period ZnSe-GaAs superlattices by MOVPE 9663
Funato, N. *see* Kokubun, Y. 45963
Funato, T., Yamamoto, Y. High-function high-performance inverter, THYFREC-VT300 17041
Funatsu, E., Hara, K., Toyoda, T., Ohta, J., Kyuma, K. Variable-sensitivity photodetector of pn-np structure for optical neural networks 31235
Funatsu, M. *see* Miyamoto, H. 17361
Funatsu, R. *see* Watanabe, M. 27847
Funayama, M., Mukaihara, K., Morita, H., Okada, T., Tomonaga, N., Izumi, J., Noda, Y., Maeda, M. Widely tunable operation of Ti:sapphire lasers under optimum coupling condition 3521
Funayama, M. *see* Hongo, H. 43029
Funck, J.W., Forrer, J.B., Butler, D.A., Brunner, C.C., Maristany, A.G. Measuring surface roughness on wood: a comparison of laser scatter and stylus tracing approaches 6787
Funderburk, D.M., Park, S. A digital receiver design for AM stereo signals using a general purpose digital signal processor 38240
Funderburk, D.M. *see* Park, S. 22788
Funfschilling, J. *see* Dammer, U. 28348
Funfschilling, J. *see* Samoc, A. 12355
Funfschilling, J. *see* Schmitt, K. 43490
Fung, A.K. *see* Chen, K.S. 24503
Fung, A.K. *see* Tzeng, Y.C. 21220
Fung, C.C. *see* Wong, K.P. 7840
Fung, C.H. *see* Choy, C.S. 19964
Fung, J.S.C. A coherent detection spatial tracking system with automatic alignment in free-space laser communications 14573
Fung, K.K., Hui, S.Y.R., Christopoulos, C. Concurrent simulation of decoupled power electronic circuits 1027
Fung, S. *see* Chen, T.P. 42845
Fung, Y.-F., Fountain, T.J. The design of a linear image processor 30003
Fung Chang Li *see* Li Fung Chang
Fung Ka Fai *see* Yam Lai Hang 26531
Funhoff, D. *see* Fischer, T. 26944
Funhoff, D.J.H., Binder, H., Dijkstra, H.J., Goethals, M., Krause, A., Moritz, H., Reuhman-Huisken, M.E., Schwalm, R., Van Driessche, V., Vinet, F. JESSI-project E 162: status of the deep-UV resist 11050
Funk, E.E., Cho, P.S., Ho, P.-T., Goldhar, J., Lee, C.H. Recent progress in photoconductive opening switch research at the University of Maryland 28640
Funk, G. Application possibilities of high temperature superconductors in the field of electrical energy supply 32435
Funk, G., Pannicke, J., Saupe, R., Wehrend, B.H. Network studies to select a suitable ripple control frequency 39513
Funk, J.L. Japanese product-development strategies: A summary and propositions about their implementation 216
Funk, W. *see* Yao, C.G. 15296
Funke, E.M. *see* Usategui, J.M.A. 1262
Funnell, I.R. *see* Harrison, B.J. 24963
Funt, B.V., Drew, M.S. Color space analysis of mutual illumination 29886
Fuochi, P.G. *see* Bacchetta, N. 38865
Fuoss, D. *see* Yang, F. 11147
Fuoss, P., Tsao, J., Kisker, D.W., Zangwill, A., Kuech, T. *(editors)* Common Themes and Mechanisms of Epitaxial Growth Symposium 9105
Fuoss, P.H. *see* Lamelas, F.J. 33634
Fuquan Lu *see* Lu Fuquan
Fur, Y.Le *see* Le Fur, Y.
Furaya, A., Fukushima, T., Kito, Y., Anayama, C., Sugano, M., Sudo, H., Kondo, M., Tanahashi, T. Stable high-power operation of self-aligned stepped substrate (S^3) AlGaInP visible laser diode with small beam aspect ratio 43840
Furber, S.B., Day, P., Garside, J.D., Paver, N.C., Woods, J.V. A micropipelined ARM [microprocessor] 34118
Furch, B. *see* Popescu, A.F. 6036
Furdyna, J.K. *see* Heremans, J. 1843
Fure-Ching Jeng *see* Kawashima, M. 21965
Furen Wang *see* Wang Furen
Furer, M., Raghavachari, B. Approximating the minimum degree spanning tree to within one from the optimal degree 26317
Furfari, S. Coal can be green: the technology programme of the European Communities to promote solid fuels use 39944
Furga, G.Superti *see* Superti Furga, G.
Furino, A. *see* Geisler, E. 196
Furlan, G., Galand, C., Lancon, E., Menez, J. Context algorithm applied to subband coding of images 13810
Furlan, J. *see* Smole, F. 33030
Furlan, M., Borer, K., Gabutti, A., Janos, S. Phase transition time measurements of superheated superconducting granules 31728
Furlan, M. *see* Abplanalp, M. 24046
Furlan, R. *see* Bariatto, M. 2247
Furlan, R.J. *see* Tran, C.D. 35936
Furlan, W.D. *see* Lancis, T. 45144
Furlan, W.D. *see* Torroba, P.L. 45139
Furlani, A. *see* Caliendo, C. 6406
Furlani, A. *see* Polzonetti, G. 812
Furlani, E.P. Formulas for the force and torque of axial couplings 4026
Furlani, E.P. A formula for the levitation force between magnetic disks 43326
Furlong, D.J. *see* MacCabe, C.J. 31074
Furlong, D.N. *see* Geddes, N.J. 23738
Furman, B.K. *see* Clearfield, H.M. 17882
Furman, E. *see* Wang, F. 3169
Furman, Ya.A. On two special types of closed contours that can be used for imaging 29821
Furness, H. Digital communications provides ... 30455
Furness, H. Fieldbus: the differences start from the bottom up 45600

Furnival, P., John, D.G. Corrosion of electrical equipment causes, forms & remedies 16752
Furong Sun *see* Sun Furong
Furong Zhao *see* Zhao Furong
Furong Zhu, Jai Singh An approach to study the effect of the band tail widths on the photovoltaic performance of p-i-n a-Si:H solar cells 8753
Furrgac, I. *see* Seliger, G. 45384
Fursa, D.G. *see* Shipulin, A.V. 35980
Fursenko, S.L. *see* Afonin, A.A. 8461
Fursov, A. *see* Veremey, V. 27184
Furst, W. *see* Pawlowski, E. 44166
Furstenau, N., Jansen, D.D., Schmidt, W. In-flight strain measurements on structurally integrated composite plates using fiber-optic interferometric strain gauges 7521
Furth, H.P. The energy source: nuclear fusion reactors 32589
Furtjes, A. *see* Behrens, U. 31736
Furtner, R. *see* Sakulin, M. 48483
Furu, K. *see* Moride, H. 13949
Furugen, K. *see* Takayama, J. 38015
Furuhama, Y. Optical intersatellite communications 14527
Furuhama, Y. *see* Arimoto, Y. 14571
Furuhama, Y. *see* Fujise, M. 37741
Furuhama, Y. *see* Inagaki, K. 6043
Furuhashi, H., Ichikawa, M., Fuwa, E., Goto, T. Density measurements of excited components in a longitudinal discharge excimer laser 11925
Furuhashi, H., Uchida, Y., Yamada, J., Miyake, H., Iida, T., Goto, T. Displacement measuring system using a Fizeau interferometer 12499
Furuhashi, T., Ito, Y., Uchikawa, Y. On stability of a digital current controller for a PWM inverter using a neural network 8499
Furuhata, N. *see* Shimawaki, H. 42187
Furui, S. Speaker recognition 44785
Furuichi, C. *see* Imai, S. 44791
Furuichi, C. *see* Suzuki, Y. 36588
Furuie, S. *see* Moura, L. 39049
Furuie, S.S. *see* Mascarenhas, N.D.A. 38993
Furukawa, A. *see* Ideshita, S. 1923
Furukawa, A. *see* Kawanaka, M. 10823
Furukawa, A. *see* Kawanaka, M. 42206
Furukawa, A. *see* Sasaki, M. 38563
Furukawa, H., Matsuyama, K., Sato, T., Takenaka, T., Takeda, Y. A $\pi/4$-shifted DQPSK demodulator for a personal mobile communications system 37823
Furukawa, H., Yow, S.C., Nomura, Y., Yokosuka, H. An 8-fiber 3-state 2×2 high speed switch 5913
Furukawa, H. *see* Furukawa, S. 11431
Furukawa, H. *see* Furukawa, S. 14952
Furukawa, I., Kashiwabuchi, K., Ono, S. Super high definition image digitizing system for color WYSIWYG applications 31153
Furukawa, I., Nomura, M., Ono, S. Hierarchical sub-band coding of super high definition image with adaptive block-size multistage VQ 45078
Furukawa, M. *see* Suzuki, M. 14758
Furukawa, N. Developers spur efforts to improve Ni-Cd Ni-MH batteries 8744
Furukawa, N. *see* Nogami, M. 40431
Furukawa, N. *see* Nogami, M. 40432
Furukawa, O. *see* Yamashita, Y. 11367
Furukawa, S. Supply of large power to metropolitan areas by transmission facilities coordinated with urban environment 47337
Furukawa, S., Furukawa, H., Nomura, T., Yasuda, T. Analyses of layered SAW substrates by time dependent particle displacement 11431
Furukawa, S., Furukawa, H., Nomura, T., Yasuda, T., Tamura, M. Precise estimation of viscosity of liquid using leaky surface acoustic waves propagating along liquid/polymer/$LiNbO_3$ structures 14952
Furukawa, S. *see* Fujishiro, H. 33679
Furukawa, S. *see* Kawasaki, K. 41319
Furukawa, S. *see* Koyamada, Y. 2984
Furukawa, S. *see* Matsumura, H. 18269
Furukawa, S. *see* Nomura, T. 14951
Furukawa, S. *see* Nomura, T. 23509
Furukawa, S. *see* Ohnuma, S. 2859
Furukawa, S. *see* Sakano, J. 27519
Furukawa, S. *see* Sakano, J. 27531
Furukawa, S. *see* Sankawa, I. 6003
Furukawa, S. *see* Yamamoto, T. 42952
Furukawa, S. *see* Yamori, A. 4020
Furukawa, T. *see* Ishihara, K. 15715
Furukawa, T. *see* Ogawa, M. 20272
Furukawa, T. *see* Strong, A.W. 35083
Furukawa, Y., Nitanda, F., Sato, M., Makio, S., Ito, K. Optical damage resistance and transparency of MgO doped $LiTaO_3$ single crystals for SHG devices 21073
Furukawa, Y. *see* Abe, S. 41286
Furukawa, Y. *see* Sakuma, H. 10587
Furukawa, Y. *see* Yamabe, M. 33647
Furukowa, N. *see* Nogami, M. 40424
Furumasu, B.C. *see* Urbanek, J. 25605
Furumoto, K. *see* Katoh, T. 15940
Furumura, Y. *see* Mieno, F. 26518
Furumura, Y. *see* Ohba, T. 2238
Furuno, K. *see* Arodzero, A. 7256
Furusawa, M. *see* Sawada, K. 7653
Furusawa, S., Yamamoto, H., Morikura, S., Utsumi, K., Fujito, K., Takenaka, N., Yagita, H. 2.4 Gbps optical transmitter and receiver 6090
Furusawa, T. *see* Hinode, K. 42768
Furusawa, T. *see* Kitaori, S. 38300
Furusawa, T. *see* Kitaori, S. 46218
Furusawa, Y. *see* Sasaki, M. 7612
Furushima, Y. *see* Shimizu, M. 9689
Furuta, A., Kohno, T. Innovative concept lowers size, weight of dielectric filters 10416
Furuta, H., Irie, H., Mizumoto, H., Miyamoto, T. Titanium diffusion into $LiNbO_3$ crystals. Crystal surface observations at the diffusion process 11667
Furuta, K. *see* Shoji, M. 7121
Furuta, K. *see* Sugibayashi, T. 26919
Furuta, K. *see* Sugibayashi, T. 26954
Furuta, M., Kawamura, T., Yoshioka, T., Miyata, Y. Bottom-gate poly-Si thin film transistors using XeCl excimer laser annealing and ion doping techniques 19860
Furuta, S. *see* Hasuike, H. 48389
Furuta, S. *see* Takahashi, M. 42449
Furuta, T., Okada, T., Ono, T., Kawabata, K., Honda, H., Yanagi, T. Trends of electronic technology for low voltage discharge lamp in Japan 40654
Furutani, R. *see* Kato, J. 20499
Furutani, R. *see* Takamasu, K. 38695
Furuya, A., Kito, Y., Fukushima, T., Sugano, M., Sudo, H., Anayama, C., Kondo, M., Tanahashi, T. Self-aligned bend waveguide (SBW) AlGaInP visible laser diode with small beam astigmatism 12176
Furuya, A. *see* Anayama, C. 3630
Furuya, H. *see* Ishigami, S. 10685
Furuya, H. *see* Ishigami, S.-I. 19585
Furuya, H. *see* Sasaki, H. 18132
Furuya, K., McCluskey, E.J. Two-pattern test capabilities of autonomous TGP circuits 10114
Furuya, K., Omote, H. Recent trends of cable TV in Europe 38316
Furuya, K. *see* Hongo, H. 43029
Furuya, K. *see* Terada, M. 20252
Furuya, S., Taguchi, T., Kusunoki, K., Yanagisawa, T., Kageyama, T., Kanai, T. Successful achievement in a variable speed pumped storage power system at Yagisawa power plant 16717
Furuya, S. *see* Iwase, F. 34691
Furuya, T. Years of effort yield bonded magnets that withstand heat 2852
Furuya, T. *see* Kato, T. 11458
Furuya, T. *see* Mitsunobu, S. 6996
Furuya, Y. *see* Ohsawa, T. 14533
Fury, M.A. *see* Kaloyeros, A.E. 19638
Fusaro, G. *see* Bacchetta, N. 38865
Fusco, A. *see* Picardi, G. 23132
Fusco, M.E., Katz, R.B. Catch a rising tone: selecting a tone for a new calling service 5417
Fusco, V.F., Drew, S. Active antenna phase modulator performance 29305
Fusco, V.F. *see* Chen, Q. 42147
Fusco, V.F. *see* McDowall, D.S. 29327
Fusco, V.F. *see* Sancheti, S. 29311
Fusco, V.F. *see* Tan, C.C. 12545
Fusco, V.F. *see* Waring, L.C. 29261
Fuse, M. *see* Ohya, J. 3568
Fusek, J. *see* Balek, V. 33627
Fusheng Chen *see* Ashtijou, M. 10158
Fushimi, M. *see* Tezuka, S. 587
Fushimi, T. *see* Minemura, H. 20271
Fushuan Wen *see* Wen Fushuan
Fuson, L. *see* Kume, T. 17452
Fuss, W., Gothel, J., Kompa, K.L., Ivanenko, M., Schmid, W.E. Simultaneous multiwavelength emission from a high-repetition-rate Q-switched CO_2 laser 11942
Fuss, W., Loosen, P., Marten, O., Schmid, W.E. Scaling of high-repetition-rate Q-switched CO_2 lasers for industrial applications 11958
Fussell, B.K. *see* Cho, C.P. 47896
Fussell, D. *see* Rangarajan, S. 26842
Fussell, D.S. *see* Hoskote, Y.V. 41733
Fussell, J.B. *see* Qin Zhang 40871
Fusser, H.-J. *see* Jiang, X. 9611
Fussgaenger, K. Status of wavelength allocation and standardisation 30800
Fussgaenger, K. Improved functional architecture model of an optical access network 30803
Fust, A. *see* Bor, Z. 15911
Fustar, S., Chen, M., Brewer, B. Toward an intelligent optimal power flow 39497
Fuste, A.Elias *see* Elias Fuste, A.
Futagami, M. *see* Tanaka, T. 11099
Futagami, Y. *see* Kashiwagi, T. 37830
Futagi, T., Matsumoto, T., Katsuno, M., Ohta, Y., Mimura, H., Kitamura, K. Visible light emission from a *pn* junction of porous silicon and microcrystalline silicon carbide 3355
Futagi, T. *see* Kanemitsu, Y. 19583
Futagi, T. *see* Matsumoto, T. 20484
Futagi, T. *see* Mimura, H. 20559
Futagi, T. *see* Mimura, H. 28666
Futagi, T. *see* Mimura, H. 43622
Futamoto, M., Kugiya, F. Development of technologies for 2-Gb/in^2 areal density recording 2843
Futamoto, M. *see* Krishnan, K.M. 41429
Futamoto, M. *see* Nakamura, A. 11451
Futatsuki, T. *see* Kogure, M. 2164
Futo, I. IT technopolis and media-town Szekesfehervar 37183
Fuwa, E. *see* Furuhashi, H. 11925
Fuwa, Y., Tasaka, S. Performance analysis of high-speed slotted rings 30447
Fuwa, Y. *see* Nakamura, Y. 41861
Fuwa, Y. *see* Wasaki, K. 37246
Fuxi Gan *see* Gan Fuxi
Fuxue, J. *see* Kaneko, H. 17327
Fuyama, M. *see* Morijiri, M. 2834
Fuyau Lin, Shih, T. Verification of systolic architecture designs 18437
Fuyi Guan *see* Guan Fuyi
Fuyi Liu *see* Liu Fuyi
Fuyin Chen *see* Chen Fuyin
Fuyuan Mo *see* Mo Fuyuan
Fuyuki, T. Towards highly efficient solar cells: present situations and future prospects 40485
Fuyuki, T., Oka, T., Matsunami, H. Single crystalline Si metal/oxide/semiconductor field-effect transistors using high-quality gate SiO_2 deposited at 300°C by remote plasma technique 42912
Fuyuki, T. *see* Hatayama, T. 41364
Fuyun Ling *see* Jingdong Lin 37789
Fuyun Lu *see* Lu Fuyun
Fuzessy, Z., Gyimesi, F. Difference holographic interferometry: technique for optical comparison 12443
Fuzhen Zhou *see* Zhou Fuzhen
Fuzheng Zhou *see* Zhou Fuzheng
Fwu-Rong Liang *see* Hao Jinchi 45125
Fyhn, M. *see* Shiryaev, S.Y. 18164
Fyodorov, A.A. *see* Drobyshev, G.Yu. 15687
Fyodorov, A.A. *see* Kobayashi, M. 31667
Fyodorov, V.B. Optical image interconnection networks 3274
Fyodorov, V.B. Crossbar switch for 2-D optical information channels 11748
Fyodorov, V.B. Optoelectronic multistage interconnection network for 2-D information images 11768
Fyodorov, V.B. Optical free-space polarization-based multistage switches of size N×N for two-dimensional image channel interconnecting 28545
Fytche, E.L., Gallagher, B. Risk for an independent power producer (IPR) 24777
G, S.M.R.Hashemi *see* Hashemi G, S.M.R.
Gaag, B.P.Van der *see* Van der Gaag, B.P.
Gaag, B.Van der *see* Van der Gaag, B.
Gaalema, S.D. *see* Handschy, M.A. 3212
Gabano, J.D. *see* Pincon, J.P. 8441
Gabara, T. A 600 MHz 100 K ECL output buffer fabricated in 0.9 μm CMOS 26817
Gabara, T.J. On-chip terminating resistors for high speed ECL-CMOS interfaces 18684
Gabara, T.J. *see* Frye, R.C. 35054
Gabara, T.J. *see* Sullivan, P.A. 17890
Gabaraev, B.A., Novosel'skii, O.Yu., Safonov, V.K., Simonov, S.L. Effect of nonsimultaneous rupture of the technological channels on the dynamics of pressure in the reactor space of a RBMK unit 32592
Gabathuler, K. *see* Badertscher, A. 7311
Gabathuler, K. *see* French, M. 46990
Gabathuler, K. *see* Guyonnet, J.L. 46904
Gabay, A. *see* Yatsiv, S. 11977
Gabbouj, M. *see* Nieweglowski, J. 29584
Gabbouj, M. *see* Qiaofei Wang 29805
Gabbouj, M. *see* Tong Sun 45046
Gabbouj, M. *see* Wang, Q. 13466
Gabella, P., Knowles, E.A. Obtaining process information from defect detection data to focus defect reduction programs in the fab environment 17930
Gabella, W. *see* Caussyn, D.D. 38778
Gabella, W. *see* Ellison, M. 38779
Gabella, W. *see* Lee, S.Y. 7040
Gabella, W.E. *see* Pisin Chen 6887
Gabellieri, R. *see* Messina, G. 15332
Gaber, S.E., Yousef, H.A. Efficiency optimized speed control of DC motors based on self tuning regulator 17511
Gabet, L. The decomposition method and distributions 18085
Gabidullin, A.R. *see* Sviridov, M.V. 11535
Gabilli, E. *see* Summonte, C. 8746
Gabiola, F.J. *see* Santamaria, A. 37432
Gabla, P.M., Blondel, J.-P., Gautheron, O. Progress and perspectives of repeaterless submarine systems 30840
Gabla, P.M. *see* Blondel, J.-P. 43793
Gabler, H. *see* Gerblinger, J. 6643
Gabler, R. *see* Kohnle, A. 32153
Gabor, A.H., Lehner, E.A., Mao, G., Ober, C.K., Long, T.E., Schell, B.A., Tiberio, R.C. Hydrosiloxane modified styrene-diene block copolymer resists 11008
Gabor, G. *see* Frishman, G. 31253
Gabor, M. *see* Diaconescu, I. 39425
Gaborit, F. *see* Bissessur, H. 38029

Gaborit, F. *see* Goldstein, L. 18141
Gaborit, F. *see* Jacquet, J. 35974
Gaborit, F. *see* Vinchant, J.-F. 38121
Gaborski, R.S., Anderson, P.G., Tilley, D.G., Asbury, C.T. Genetic algorithm selection of features for hand-printed character identification 45117
Gaboury, M.J. *see* Boisvert, D.M. 18911
Gabr, M.M., Rao, T.S. On the estimation of bispectral density function in the case of randomly missing observations 36767
Gabriagues, J.M. *see* Chiaroni, D. 37687
Gabriagues, J.M. *see* Dupraz, J. 5988
Gabriagues, J.M. *see* Jacob, J.B. 5676
Gabriagues, J.M. *see* Morin, P. 5682
Gabrianovich, B.N., Del'nov, V.N., Faizullin, F.Kh. Mutual influence of hydraulic flow resistances in components of installations 47679
Gabriel, C. *see* Jain, V. 18652
Gabriel, C.M., Uhlir, K.W. Battery impedance—single cell capacity test vs. standard every cell capacity test 32994
Gabriel, C.T., Melaku, Y. Gate oxide damage in a high density inductively coupled plasma 43094
Gabriel, H.M. Deposition of hard, wear resistant coatings in highly ionised plasmas using arc-ion plating 9035
Gabriel, H.M. Vacuum arc discharges used to deposit hard wear resistant coatings onto tools 34467
Gabriel, T.A., Groom, D.E., Job, P.K., Mokhov, N.V., Stevenson, G.R. Energy dependence of hadronic activity 31718
Gabriel, T.A. *see* Alsmiller, F.S. 31541
Gabriel, T.A. *see* Job, P.K. 31758
Gabriel, W.F. Improved range superresolution via bandwidth extrapolation 23127
Gabrielle, E. *see* Chen, B. 20026
Gabrielli, G. *see* Sottini, S. 3791
Gabrielson, R. *see* Koenemann, B. 1186
Gabrielyan, D.D. A representation of the surface current density for solving the problem of diffraction by an ideally conducting polyhedron 29129
Gabriel'yan, D.D., Zvezdina, M.Yu. Surface current density representation for solving the problem of diffraction at a two-dimensional body of arbitrary shape 12562
Gabriel'yan, D.D., Zvezdina, M.Yu. Solving the problem of diffraction by objects with a complicated shape and large electrical dimensions by the integral equation method 21191
Gabroveanu, R. *see* Mitescu, I. 37719
Gabsi, M. *see* Laurent, P. 40127
Gabsi, M. *see* Laurent, P. 40128
Gabsi, M.K. *see* Peuro, E. 32873
Gabutti, A. *see* Abplanalp, M. 24046
Gabutti, A. *see* Berger, C. 20186
Gabutti, A. *see* Furlan, M. 31728
Gabutti, A. *see* Leoni, R. 24048
Gabzdyl, J., Cleaver, K., Stevenson, A., O'Key, M.A., Osborne, M.R. Effects of air leaks on XeCl laser performance 28726
Gac, C. *see* Beaudin, G. 23251
Gach-Devauchelle, B. *see* Basseville, M. 6865
Gachon, P. *see* Louis, D. 28275
Gadagkar, A.S., Armstrong, J.R. Timing distribution in VHDL behavioral models 26588
Gadave, K.M. *see* Lokhande, C.D. 26470
Gaddy, C.D. *see* Beare, A.N. 39905
Gade, J., Rosenfalck, A., Bendtson, I. Detection of EEG patterns related to nocturnal hypoglycemia 39080
Gade, S., Fog, C., Herlufsen, H. Calibration and application of structural intensity probes 46693
Gadepally, K., Reddy, P.D., Hiew, S., Merrill, R., Lahri, R., Biswal, M. Effect of TiW as adhesion layer and underlying metal on electromigration characteristics of tungsten via plugs 34802
Gadetskii, H.P. *see* Zaitsev, B.D. 14982
Gadgil, A. *see* Sathaye, J. 48466
Gadgil, A.J., Sastry, M.A. Stalled on the road to the market. Lessons from a project promoting lighting efficiency in India 48465
Gadgil, P.K., Mantei, T.D., Mu, X.C. Evaluation and control of device damage in high density plasma etching 42669
Gadient, A.J., Thomas, D.E. A dynamic approach to controlling high-level synthesis CAD tools 33838
Gadioli, E. *see* Dellera, P. 15200
Gadiyak, G.V., Blaghinin, D.E. The development of the radiation enhanced diffusion model of boron in silicon 19518
Gadiyak, G.V., Korobitsina, J.L., Kramarenko, V.I. Numerical simulation of the thermal oxidation of polycrystalline silicon 19579
Gadomski, S. *see* Blocki, J. 46892
Gadomski, W. *see* Hodges, S.E. 12275
Gadoum, A., Gosse, B., Gosse, J.P. Effect of an epoxy additive on the electrical aging of impregnated P/P films 43209
Gadre, D.V., Upadhyay, P.K., Varma, V.S. Catching the right bus. 2. Using a parallel printer adapter as an inexpensive interface 45610
Gadway, R. A single-chip front end communications system 14381
Gaede, R.K. *see* Vida-Torku, E.K. 10134
Gaeta, A.L. *see* Kauranen, M. 21040
Gaeta, C.J. *see* Mitchell, P.V. 3279
Gaeta, C.J. *see* Schaffner, J.H. 46000
Gaeta, M., Nikias, C.L. A new method for multiple source detection and identification from array data using cumulants and its application to shock waves propagation 4727
Gaeta, M. *see* Lacoume, J.L. 13390
Gaeta, R. *see* Chiola, G. 22341
Gaetano, K. *see* Atwater, T. 17182
Gagalowicz, A. *see* Serfaty, V. 4913
Gagarin, Yu.I. Matrix-factorized generalization of nested and simple factors of discrete Fourier and Hartley transformation algorithms 630
Gagarski, S.V. *see* Belashenkov, N.R. 20696
Gage, D. *see* Martin, S. 336
Gage, E.C. *see* Gray, G.R. 43946
Gaggioni, H. *see* Liu, B. 31001
Gaglia, A. *see* Santamouris, M. 25942
Gaglia, A. *see* Santamouris, M. 48478
Gaglia, B.N., Laskawiec, J., Misztal, Z., Grela, J. Application of clean coal CFB technology in Poland 39940
Gaglia, B.N. *see* Benfield, R.A. 8150
Gaglianello, R.D. *see* Katseff, H.P. 22546
Gagliardi, F. SDH in the distribution network 22307
Gagliardi, F., Chiodo, E., Lauria, D. Probabilistic methods in power system stability analysis 16129
Gagliardi, P. *see* Bixio, A. 15508
Gagnaire, H. *see* Pigeon, F. 6522
Gagne, G.M. *see* Manglos, S.H. 24250
Gagne, J.-M. Frequency locking of diode lasers using metallic vapor optogalvanic spectra 3650
Gagne, R.R.J. *see* Bouchard, P. 18445
Gagnepain, J.J. *see* Vanier, J. 23764
Gagnepain, J.J. *see* Vernotte, F. 18516
Gagnepain, J.J. *see* Vernotte, F. 23871
Gagnepain, J.J. *see* Walls, F.L. 20112
Gagnol, C. *see* Lacour, B. 20627
Gagnon, A. *see* Harman, K. 6130
Gagnon, D.R. *see* Kim, M. 1584
Gagnon, D.R. *see* Moonil Kim 34279
Gagnon, D.R. *see* Rutledge, D.B. 27288
Gagnon, P. *see* Abe, K. 15619
Gagnon, R. *see* Drouin, B. 9830
Gagnor, A., Levy, R., Champigny, F. World wide experience in the inspection of pressurized water reactor vessels 39854
Gagnoulet, C. *see* Sorin, C. 21700
Gagnoulet, C. *see* Sorin, C. 36630
Gahleitner, R. *see* Crohn, I. 5765
Gahleitner, R. *see* Crohn, I. 37796
Gahungu, F., Francois, D., Darcy, A., Becker, J., Brouet, J., Couturier, J., Mella, J.P. The HV transition joints 16423
Gahungu, F., Francois, D., Darcy, A., Bezille, J., Becker, J. The anti-explosion HV and EHV terminations 16422
Gaibazzi, A., Ghiggino, P., Shamir, N. Performance calculations of optically preamplified IM-DD receivers 38088
Gaida, G. *see* Massig, J.H. 39004
Gaidelis, V. *see* Brazis, R. 42372
Gaidis, M.C., Friedrich, S., Prober, D.E., Szymkowiak, A.E., Moseley, S.H. Superconducting Nb-Ta-Al-AlO_x-Al tunnel junctions for X-ray detection 24052
Gaidon, T., Barlaud, M., Mathieu, P. Wavelet transform and lattice vector quantization for image sequence coding 22189
Gaiduk, P. *see* Kovyazina, T. 41251
Gaidukov, Yu.P. *see* Vasil'ev, A.N. 34552
Gaigalis, V., Asakavicius, J. Thermotransducer 23562
Gaik Tatt Chan *see* Chan Gaik Tatt
Gaiko, O.L. *see* Orlov, L.N. 3436
Gaikwad, A.J. *see* Chakraborty, G. 16620
Gaikwad, R.P. *see* Guletsky, P.W. 32672
Gailey, P.C. Current distribution tomography for determination of internal current density distributions 47029
Gailiusis, B., Kriauciunas, R., Kriauciuniene, J. The influence of the Kaisiadorys pumped-storage plant on the hydrophysical behaviour of the Kaunas sea. 1. Background hydrology of the Kaunas sea 25267
Gaillard, H.R. Potential applications of GNSS-based systems and directions of research 23243
Gaillard, S. *see* Rolland, M. 1928
Gailus, M. *see* Zanella, F. 1747
Gailus, P. On-die parasitic effects and their impact on high-speed bipolar IC design 11296
Gaines, D.F. *see* Redwing, J.M. 41256
Gaines, D.P., Spitzer, R.C., Ceglio, N.M., Krumrey, M., Ulm, G. Radiation hardness of molybdenum silicon multilayers designed for use in a soft-X-ray projection lithography system 27822
Gaines, J. *see* Petruzzello, J. 20902
Gaines, J.M. *see* Marshall, T. 42452
Gainutdinov, I.S. *see* Borisov, A.N. 12296
Gainutdinov, I.S. *see* Borisov, A.N. 44034
Gaio, E., Piovan, R., Toigo, V. The AC/DC conversion system of RFX fusion experiment: operational experience and control optimization 17064
Gaisenok, V.A., Krylov, G.G., Sergeyev, S.V. Dynamic operations of a dye laser with a saturable absorber: pumping anisotropy and orientational relaxation 43750
Gaisser, T.K. *see* Beaman, J. 15641
Gait, D., Price, J.C., Beall, J.A., Ono, R.H. Characterization of a tunable thin film microwave $YBa_2Cu_3O_{7-x}/SrTiO_3$ coplanar capacitor 11530
Gaitan, M., Parameswaran, M., Zaghloul, M., Marshall, J., Novotny, D., Suehle, J. Design methodology for micromechanical systems at commercial CMOS foundries through MOSIS 19988
Gaitan, V. *see* Carrabina, J. 24112
Gaiti, D. Distributed artificial intelligence as an AIP technique for network management 14048
Gaitskell, R.J. *see* Booth, N.E. 20188
Gaitskell, R.J. *see* Hahn, A.D. 20197
Gaitskell, R.J. *see* Swift, A.M. 46947
Gajasz, Z. *see* Karpati, A. 15685
Gajda, M.A., Ahmed, H., Dodgson, J. CMOS-compatible silicon devices on thin SiO_2 membranes 31160
Gajewski, D. *see* Borzemski, L. 22571
Gajewski, H. On the uniqueness of solutions to the drift-diffusion model of semiconductor devices 34888
Gajewski, K. *see* Bergmark, T. 31594
Gajewski, R. *see* Pszona, S. 47145
Gajjar, J.T. *see* Stutt, C.A. 47504
Gajowniczek, P. *see* Burakowski, W. 13862
Gajsek, S. *see* Budin, J. 44450
Gajski, D.D. *see* Kurdahi, F.J. 19965
Gajski, D.D. *see* Ramachandran, C. 26870
Gajski, D.D. *see* Rundensteiner, E.A. 18427
Gajski, D.D. *see* Tsing-Fa Lee 41589
Gajski, D.D. *see* Wu, A.C.-H. 26603
Gak Kim Tae *see* Tae Gak Kim
Gakkestad, J. *see* Ohlckers, P. 11278
Gakuhari, K. *see* Itagaki, M. 8934
Gal, G., Herman, B., Anderson, W., Shough, D., Purdy, D., Berwick, A. Development of the dispersive microlens 43491
Gal, L. Reply to "Comments on the optimum CMOS tapered buffer problem" 41860
Gal, M. *see* Chadwick, B. 31337
Gal, M. *see* Folkard, M.A. 9563
Gal, M. *see* Shwe, C. 19521
Gal, O., Bassaler, J.M., Capdevila, J.M., Laine, F., Nguyen, A., Nicolai, J.P., Umiastowski, K. Numerical and experimental results on the beam dynamics in the Rhodotron accelerator 7059
Gala, S. *see* Principe, J.C. 7429
Galagan, V.G. *see* Bocharov, V.E. 21861
Galaktionov, V. *see* Kotelnikov, S. 24497
Galan, L. *see* Soriano, L. 10604
Galan, N. The consideration of nonlinearity as regards to hysteresis motor 40138
Galan, N., Ciumbulea, G. The spatial phasors in the theory of AC: electric machines. New interpretations and didactic aspects 47826
Galan, N. *see* Kisch, D.O. 8413
Galand, C. *see* Furlan, G. 13810
Galani, Z., Bianchini, M.J., Smith, E.A. Additive noise of combined amplifiers 19068
Galanti, M. *see* Galeotti, G. 8901
Galarneau, P. *see* O'Neill, C. 21005
Galati, G. *see* di Vito, A. 46060
Galatis, P. *see* Stephanidis, C. 37567
Galatsanos, N.P. *see* Banham, M.R. 22278
Galatsanos, N.P. *see* Mun Gi Choi 36823
Galatsanos, N.P. *see* Yang, Y. 29963
Galatsanos, N.P. *see* Yongyi Yang 37015
Galatsanos, N.P. *see* Yu, S.S. 36834
Galbo, P.Lo *see* Lo Galbo, P.
Galbraith, I. *see* Kawakami, Y. 20853
Galbraith, J.A., Mrosko, B.J., Myers, R.R. A system to measure thermal nociception 15696
Galbraith, M. Fiber to the home—Japanese style 22695
Gal'chenko, S. *see* Kaparkov, D. 27128
Gal'chenko, S.A., Kaparkov, D.I., Kuznetsov, V.V., Lofgren, M., Pchelkin, V.M., Shchepak, A.W., Vendik, I.B. HTSC current controlled devices for microwave applications 27172
Galdetsky, A.V. *see* Belyavsky, B.A. 26522
Galdikas, A., Pranevichius, P., Vosylius, J. Anisotropy of silicon etching in fluorine plasma: phenomenological model 2135
Galdikas, A. *see* Abraitis, V. 10939
Galdikas, A. *see* Ambrazeviciene, V. 15109
Galdin, S., Dollfus, P., Hesto, P. Static and dynamic behavior of a $Si/Si_{0.8}Ge_{0.2}/Si$ heterojunction bipolar transistor using Monte Carlo simulation 42876
Galdin, S. *see* Dollfus, P. 2574
Galdin, S. *see* Dollfus, P. 2575
Galdos, J.I., Upadhyay, T.N., Deaton, A.W., Lomas, J.J. GPS relative navigation for automatic spacecraft rendezvous and capture 46131
Gale, A.A., Warren, R.E., Doherty, P.E., Meyer, H.J., Bueno, C., Barker, M.D., Betz, R.A. Large fiber optic/CCD mosaic camera 6578
Gale, D.C., Burgess, G.E., Zhai, T., Lewis, M.L. A degenerate-four-wave-mixing apparatus for the study of materials in solution 12400
Gale, M.T., Rossi, M., Schutz, H. Fabrication and replication of continuous-relief DOEs 12461
Gale, M.T. *see* Ehbets, P. 12425
Gale, P. *see* Crossley, P. 16478
Gale, P.F. The use of GPS for precise time tagging of power system disturbances and in overhead line fault location 47596

Gale, P.F. *see* Cory, B.J. 8017
Gale, R. *see* Ramsay, B. 32104
Gale, R.J. *see* Barna, G.G. 27711
Galea, S.C. *see* Zhang, H. 26543
Galeeva, R.U. *see* Saitbatalova, R.S. 9029
Galembeck, F. *see* Teschke, O. 2141
Galen, F.van *see* van Galen, F.
Galeotti, G., Galanti, M., Magrini, S., Toni, P. Servo actuated railway pantograph for high-speed running with constant contact force 8901
Galeotti, S. *see* Amendolia, S.R. 18746
Galeotti, S. *see* Amidei, D. 46890
Galeotti, S. *see* Bedeschi, F. 38912
Galeotti, S. *see* Tkaczyk, S. 46989
Gales, A. Variable frequency converters using zero current switching topology 34197
Galetti, V. *see* Nelson, P. 39797
Galewski, C. *see* Thakur, R.P.S. 2175
Galganski, R.A. Crashworthiness design of HSGGT vehicles 48384
Galiana, F.D. *see* McGillis, D. 7889
Galiana, F.D. *see* Marceau, R.J. 24852
Galias, Z. *see* Ogorzalek, M.J. 1095
Galib, T. *see* Katz, R.A. 36671
Galikyan, G.S. *see* Nekrasov, Yu.V. 8914
Galimany, R. *see* Masia, F. 31822
Galimberti, A., Biffi, A. The control of measurement instrumentation in a medical X-ray equipment plant 47048
Galimore, R.N. *see* Abel, P. 7586
Galina, T.M., Volod'ko, V.G., Demidov, E.S., Podchishchaeva, O.V. Ion implantation of a donor impurity in indium phosphide 10851
Galindo, M. *see* Zhang, L. 5434
Galinov, A.V. *see* Khudukon, B.Z. 7594
Galinski, G. *see* Motowidlo, L. 32436
Galis, A. *see* Prevedourou, D. 37218
Galitsyn, V.V. *see* Sunduchkov, K.S. 9989
Galkin, S., Polishuk, P. *(editors)* ISFOC '93 Conference Proceedings. The Third International Soviet Fiber Optics Conference 17735
Galkin, V.Ya., Karpenko, V.A. Maximum entropy principle in problems of identification of a class of nonstationary signals 4681
Galko, P. *see* Hashemi, H. 45978
Galkowski, K. Spectral transformations of an N-D Roesser model 4680
Gall, H.Le *see* Le Gall, H.
Gall, M. The Si-planar-pellistor array, a detection unit for combustible gases 6623
Gall, P.Le *see* Le Gall, P.
Gallabresi, S. Principles of the functioning of relays 42279
Gallager, R. *see* Alexander, S.B. 6055
Gallager, R.G. *see* Parekh, A.K. 5592
Gallager, R.G. *see* Savari, S.A. 44701
Gallagher, B. *see* Fytche, E.L. 24777
Gallagher, J., Seals, D. Electric vehicle propulsion inverter design considerations 8895
Gallagher, W.J. *see* Laibowitz, R.B. 20208
Gallagher, W.J. *see* Sun, J.Z. 2901
Gallai, I.Ya. *see* Borisova, M.E. 10530
Galland, P. *see* Kalpaxis, L.L. 4813
Gallandt, C. *see* Elice, E. 8925
Gallant, J. High-performance μPs 18768
Gallant, J. ICs and modules for digital wireless telecommunications 30602
Gallant, J. Mixed-mode ICs put complete systems on a single chip 34182
Gallant, J. Handheld-receiver front ends integrate assorted components 37731
Gallant, J. Speech-synthesis and -recognition chips personalize consumer products 44749
Gallant, J.-F., Meunier, J., Stampfler, R., Cloutier, J. Applying neural networks to ultrasonographic texture recognition 24243
Gallant, L. *see* Bloom, J.A. 47421
Gallant, T.A. Electric motors—corrosion control by design 16798
Gallard, R. *see* Aguirre, G. 45529
Gallardo, J.R., Sanchez, J. Omissions and ambiguities in CCITT Recommendation Q.921 45636
Gallardo, M. *see* Duchowicz, R. 43732
Gallart, L. *see* Navarro, E.A. 36310
Gallassi, G. *see* Gerla, M. 22510
Gallastegi, I. *see* Lesser, V. 44904
Gallawa, R.L., Goyal, I.C., Ghatak, A.K. Calculated fiber attenuation: a general method yielding stationary values 43404
Gallawa, R.L. *see* Goyal, I.C. 43455
Gallawa, R.L. *see* Kumar, A. 44528
Gallay, R. *see* Durana, M. 6375
Gallego, A., Carrion, M.C., Ruiz, D.P., Medouri, A. Extended E-pulse technique for discrimination of conducting spheres 30890
Gallego, A. *see* Carrion, M.C. 30889
Gallego, J.D., Cancio, A.B. Determination of noise parameters of low noise microwave IF amplifiers 34235
Gallego, J.D. *see* Becerra, A. 27305
Gallego Juarez, J.A. *see* Lazaro Obensa, J.C. 43227
Gallegos, S.K., Link, W.B., Thomson, D. Innovative approaches for implementing the aeronautical telecommunication network 37886
Gallerani, A. Direction sensing circuit obtained by incrementing signal propagation time 14965
Gallerano, G.P. The free electron laser: state of the art, developments and applications 35901
Gallerano, G.P. *see* Castellano, M. 6925
Gallerano, G.P. *see* Dipace, A. 3700
Gallet, D. *see* Hollinger, G. 34729
Gallet, J.M.C., Jones, J.P. Tissue characterization by the method of the envelope correlation spectrum 7407
Galletti, E. *see* Marzorati, A. 15990
Galli, A. *see* Frezza, F. 1450
Galli, D. *see* Bertin, A. 31795
Galli, I., Mecocci, A., Cappellini, V. Improved colour image vector quantisation by means of self-organising neural networks 36935
Galliano, G., Marcoli, A. Inspection and testing automation systems [power stations] 39691
Gallico, A. *see* Harbi, A. 25250
Galligani, E., Laratta, A. Error analysis of null space algorithm for linear equality constrained least squares problems 41120
Gallina, C. *see* Morevek, J.M. 8963
Gallina, P. *see* Michelato, P. 38812
Gallinari, P. *see* Driancourt, X. 4488
Gallion, P. *see* Jaouen, Y. 23062
Gallion, P. *see* Ramos, R.T. 20910
Gallivan, K.A. *see* Gih-Guang Hung 26571
Gallno, P. *see* Dufey, J.-P. 38940
Gallo, A. *see* Bartalucci, S. 15501
Gallo, A. *see* Bartalucci, S. 15502
Gallo, A. *see* Bassetti, M. 7053
Gallo, H. *see* Frejlich, J. 31525
Gallo, M. *see* Issogna, P. 6125
Gallo, M.A., Willits, D.S., Lubke, R.A., Thiede, E.C. Low cost uncooled IR sensor for battlefield surveillance 31280
Gallo, S., Mones, A., Hormadaly, J., Cicognani, J., Brown, R., Massiot, M., Perchais, E. LTCC circuits for MCM-C applications a cost effective packaging solution 17855
Gallois, A.P. *see* Chung, T.K.P. 22925
Gallois, B.M. *see* Besmann, T.M. *(editor)* 26020
Gallon, D.W. *see* Corbett, E.G. 23160
Galloni, R. *see* Demichelis, F. 27495
Galloni, R. *see* Demichelis, F. 28604
Galloni, R. *see* Symmonte, C. 8746
Galloway, K.F. *see* Brews, J.R. 34987
Galloway, K.F. *see* Lee, S.C. 43179
Galloway, K.F. *see* Zupac, D. 28167
Galloway, K.F. *see* Zupac, D. 34975
Galloway, S.J. *see* Endersby, T.M. 16352
Gallucci, F., Colnago, G. Measuring and test equipment control in the framework of quality system certification 26229
Galluccio, F., Schmidt, F. Slow particle loss in hadron colliders 7022
Gallup, M.G. *see* Bruce, W.C. 10204
Galluzzi, F., Guattari, G., Leo, G., Vincenzoni, R. Light-induced defect kinetics in a-Si:H photovoltaic cells according to a non-dispersive carrier recombination model 33027
Galluzzi, F. *see* Vincenzoni, R. 27607
Galluzzi, G. *see* Leo, G. 28608
Galluzzo, A., Melito, M., Belverde, G., Musumeci, S., Raciti, A., Testa, A. Switching characteristic improvement of modern gate controlled devices 1061
Galochkin, K.E. *see* Kotov, Yu.D. 31769
Galperin, J. *see* Cheng, K.L.K. 18123
Galperin, Yu.M. Flicker noise in RF SQUIDs based on high-temperature superconductors 43352
Galpin, D.S. An integrated program for successful life extension [of power stations] 47617
Galster, W. *see* Delbar, T. 46831
Galstyan, T.V. *see* Drnoian, V.E. 3795
Galt, D. *see* Beall, J.A. 1442
Galt, P.S., Jones, S.B. TechWriters: the next generation—distributed systems and the changing roles of technical communicators 37379
Galtarossa, A., Someda, C.G., Matera, F., Schiano, M. Polarization mode dispersion in long single-mode-fiber links: a review 46023
Galtarossa, A. *see* Costantini, B. 36321
Galtarossa, A. *see* Iannone, E. 37987
Galtier, P. *see* Nguyen-Van-Dau, F. 15029
Galton, I. Granular quantization noise in the first-order delta-sigma modulator 44656
Gal'tsev, Yu.G. *see* Gurevich, S.Yu. 9859
Galula, W. *see* Afshari, A. 17619
Galun, E., Tenne, R., Lagoubi, A., Levy-Clement, C. Room temperature photoluminescence of photoelectrochemically etched n-type Si 34774
Galunov, N.Z. *see* Afanasiadi, L.Sh. 7197
Galushkin, M.G., Golubev, V.S., Zabelin, A.M., Zavalova, V.Ye., Panchenko, V.Ya. Thermal instability of resonance absorption in inactive regions of CW CO_2-lasers 11962
Galuszka, K. *see* Adam, W. 7259
Galuszka, K. *see* Adam, W. 31715
Galuszka, K. *see* Adam, W. 46929
Galuzo, S.Yu. *see* Aleksandrov, A.F. 1794
Galuzo, S.Yu. *see* Aleksandrov, A.F. 42373
Galvagno, G. *see* Raineri, V. 10830
Galvanauskas, A., Blixt, P., Tellefsen, J.A., Jr. Generation of femtosecond optical pulses with nanojoule energy from a diode laser and fiber based system 3024
Galvanauskas, A. *see* Fermann, M.E. 35746
Galvin, M. *see* Nalamasu, O. 11060
Galyaev, A.N. *see* Vasil'ev, A.V. 7211
Galyean, T. *see* Azarbayejani, A.J. 37043
Galyean, W.J. *see* Wilhelmsen, C.A. 39757
Galysh, I. *see* Landis, G.P. 22705
Gamache, C. *see* Tetu, M. 6033
Gamachi, M. *see* Asada, H. 43335
Gamal, A.El *see* El Gamal, A.
Gamba, D. *see* Benvenuti, A. 7252
Gamba, P. *see* Bressan, M. 12698
Gamba, P. *see* Bressan, M. 36107
Gambaccini, M., Marziani, M., Rimondi, O. Phantoms and dynamic range in mammography 15796
Gambaccini, M. *see* Alfano, B. 15724
Gambalonga, S. *see* Palmieri, V. 46789
Gambardella, U. *see* Matarazzo, S. 43346
Gambarini, G. *see* Cantone, M.C. 31534
Gambaro, A. *see* Esposto, F. 46019
Gambaro, D. *see* Falster, R. 19333
Gamberini, S. *see* Gazzotti, F. 48216
Gambetti, C., Foster, F.S. Correction of phase aberrations for sectored annular array ultrasound transducers 31853
Gambi, E. *see* Chiaraluce, F. 30735
Gambini, P., Macchi, M., Puleo, M., Delorme, F. An accurate technique for the characterization of wavelength thermal transients in tunable DBR laser 35801
Gambini, P. *see* Bertinetto, F. 3656
Gambini, P. *see* Cinato, P. 46022
Gambino, J.P. *see* Kobeda, E. 11291
Gamble, H.S. *see* Murray, E. 2504
Gamble, H.S. *see* Panwar, O.S. 26516
Gamble, H.S. *see* Wilson, R. 2489
Gamble, H.S. *see* Wilson, R. 8013
Gamble, H.S. *see* Ye, L. 9565
Gambles, J.W., Windley, P.J. Reasoning about the VHDL standard logic package signal data type 2631
Gambogi, W.J., Mackara, S.R., Trout, T.J. Diffractive printing methods using volume holograms 29049
Gambonnet, M. *see* Simeon, E. 47553
Gambosi, G. *see* Blazewicz, J. 14105
Gambotto, J.-P. A new approach to combining region growing and edge detection 5099
Gambrell, A. *see* Kerouanton, A. 17160
Gamburg, J.D. Corrections to the theory of roughness development in metal electrodeposition 18234
Gameiro, A. *see* Matos, J.N. 30294
Gameiro, A. *see* Matos, J.N. 30770
Gamelin, J.K. *see* Guotong Du 12247
Games, R.A., Rushanan, J. Blind synchronization of m-sequences with even span 29490
Games, R.A. *see* Moreno, O. 44856
Gamez, B. *see* Ocana, J.L. 21128
Gamez, M.L. *see* Ocana, J.L. 21128
Gamiere, J.-D. *see* Cao Sansong 12102
Gamiz, F. *see* Banqueri, J. 1953
Gamkrelidze, E.L., Nikol'skii, V.A. The design of a normalized sequential queueing system model 9377
Gamm, A.Z., Golub, I.I. Detection of weak points in power systems 24590
Gammel, G., Melnychuk, S. Focussing of an H^- beam by a gridded Einzel lens 46736
Gammel, G. *see* Debiak, T.W. 38834
Gammino, S. *see* Migneco, E. 7144
Gamo, K. Low energy focused ion beam processing 10876
Gamo, K. Ion beam microfabrication 27819
Gamo, K. *see* Ishii, M. 27718
Gamo, K. *see* Kosugi, T. 27738
Gamo, K. *see* Liu, Y. 19372
Gamo, K. *see* Wakaya, F. 27533
Gamo, K. *see* Wakaya, F. 28224
Gamo, K. *see* Yamamoto, T. 27538
Gamponia, V. *see* Hobbs, B.F. 47398
Gan, D., Morill, M.A., Caliskan, V.A., Lee, C.Q. High frequency wideband power transformer design 25515
Gan, L. *see* Billinton, R. 7730
Gan, L. *see* Billinton, R. 32817
Gan, L. *see* Morrow, D. 32521
Gan, L. *see* Shafai, F. 32206
Gan, Q., Kotani, K., Miyahara, M. Quantizing accuracy for high quality color image processing 22146
Gan, Y.B., Leong, M.S., Kool, P.S. Analysis of microstrip multiport junctions using the multimode boundary integral method 27134
Gan, Z.Z. *see* Qishao Zhang 34221
Gan, Z.Z. *see* Xiong, G.C. 33618
Gan, Z.Z. *see* Xiong, G.C. 35257
Gan, Z.Z., Xie, S.S., Zhao, Z.X. *(editors)* Proceedings of the Beijing International Conference: High Temperature Superconductivity (BHTSC '92) 33184
Gan Baihui, Yu Dunhe, Pan Qiuhua A programmable pulse signal generator for controlling laser 12286
Gan Baihui *see* Wu Zhongjun 28432
Gan Deqiang, Wang Xifan, Du Zhengchun, Wang Xiaolu An efficient automatic contingency selection procedure for on-line dynamic security assessment [of power systems] 47404
Gan Fuxi *see* Cheng Ruihua 20690
Gan Fuxi *see* Wu Zhanghua 28431
Gan Huat Tatt *see* Huat Tatt Gan
Gan Junren *see* Shen Tao 18436
Gan Wang, Inigo, R.M. Detection and tracking of single-pixel targets based on trajectory continuity 5010

Gan Zhongming, Qu Dexing, Dang Xiaochuan A software for management and assignment of frequency and power resources of satellite transponder 5840
Ganapathi, S.K., Talke, F.E. Correlation between contact start/stop and constant speed drag testing in magnetic head-disk tribology 2812
Ganapathi, S.K. *see* Vlcek, B.L. 20149
Ganapathiraman, R., Koh, S., Ma, Z., Allen, L.H., Lee, S. Formation of $TiSi_2$ during rapid thermal annealing: in situ resistance measurements at heating rates from 1°C/s to 100°C/s 2242
Ganapathy, V. *see* Meena, K. 13765
Ganapatyan, V. *see* Lai, H.C. 33725
Ganchev, M.G., Kochev, K.D. Investigation of the electrodeposition process in the Cu-In-Se system 9676
Ganchev, S.I., Bhattacharyya, J., Bakhtiari, S., Qaddoumi, N., Brandenburg, D., Zoughi, R. Microwave diagnosis of rubber compounds 38651
Gancheva, S. *see* Pavlov, D. 17226
Gandelli, A., Ottoboni, R. Balanced charge amplifiers for PVDF-hybrid microelectronic sensors 23543
Gander, R.E., Salt, J.E., Huff, G.J. An electrical engineering design course sequence using a top-down design methodology 33281
Ganderton, C. *see* Drake, S. 9877
Gandham, R.V. *see* Miller, J.A. 18051
Gandhi, M. *see* Prasad, S. 20009
Gandhi, M.S., McHardy, J., Robbins, R.E., Hill, K.S. Measles and CAF in printed wiring assemblies 1716
Gandhi, O.P. *see* Jokela, K. 47136
Gandhi, O.P. *see* Taflove, A. 44328
Gandhi, P.P. *see* Rao, S.S. 44918
Gandhi, R., Wang, L., Panchanathan, S., Goldberg, M. An MPEG-like pyramidal video coder 30061
Gandhi, S., Zulinski, R.E., Mandojana, J.C. Analysis of, and load-independence in, parallel-tuned class E amplifiers with finite DC-feed inductance 18506
Gandia, J.J. *see* Carabe, J. 9707
Gandibleux, X., Crevits, J., Millot, P. Man-machine cooperation in real-time control: two case studies for future control systems 47216
Gandilyan, S.V., Gandilyan, U.V. Integral induction-capacitive (magnetic-electric induction) electromechanical energy converters 25415
Gandilyan, U.V. *see* Gandilyan, S.V. 25415
Gandur, M.M. Magnetic rotational-frequency sensors 38641
Ganeev, R.A. *see* Ametov, S.D. 28940
Ganefeld, R.M. *see* But, V.V. 25733
Ganefeld, R.V. *see* Tshidjenko, I.M. 25835
Ganefeld, R.W., Kazakevich, O.Ya., Kachurin, A.Kh., Naletov, V.V., Nekhamin, M.M., Rudenko, L.N., Simonenko, L.S., Strelkova, G.G., Shtefan, V.V., Yakovlev, V.S., Veselov, V.V., Kotov, V.G. Methods of replenishment and protection electrode walls of MHD generator channel on gas fuel 25728
Ganefeld, R.W. *see* Zalkind, V.I. 25725
Ganesan, A. *see* Thomas, A. 15994
Ganesan, A. *see* Willingham, S.D. 42058
Ganesan, A.R., Meinlschmidt, P., Hinsch, K.D. Vibration mode separation using comparative electronic speckle pattern interferometry (ESPI) 44156
Ganesan, G.S., Berg, H.M. Model and analyses for solder reflow cracking phenomenon in SMT plastic packages 40944
Ganesan, G.S., Lewis, G., Berg, H.M. Characterizing organic contamination in IC package assembly 387
Ganesan, R., Sherman, A.T. Statistical techniques for language recognition: an introduction and guide for cryptanalysts 12861
Ganesh, C. *see* Steele, J.P.H. 47308
Ganesh, G., Khandekar, A.B., Chandra, A.K. Channel temperature monitoring systems for NAPP-2/KAPP 16556
Ganesh, K. Understanding quality management systems—a strategy through ISO 9000 for the power sector 24743
Ganesh, M. *see* Umesh, G. 16796
Ganesh, R., Joseph, K., Raychaudhuri, D. Effect of propagation loss coefficient on the performance of a packet CDMA PCN 37803
Ganev, P. *see* Ambrosini, G. 38419
Ganev, P. *see* Ambrosini, G. 38898
Ganezer, K.S., Keig, W.E., Shor, A.F. A simple high efficiency Cherenkov counter 46941
Gang, W. *see* Kwong, S. 13084
Gang Bai *see* Vantomme, A. 18148
Gang Chen *see* Norris, P.M. 35873
Gang Hu *see* Pu Liu 14255
Gang Kim Song *see* Song Gang Kim
Gang Luo, Das, A., Bochmann, G.V. Generating tests for control portion of SDL specifications 30504
Gang Luo, Dssouli, R., Bochmann, G.v., Venkataram, P., Ghedamsi, A. Generating synchronizable test sequences based on finite state machine with distributed ports 30230
Gang Mu *see* Mu Gang
Gang Nie *see* Nie Gang
Gang Peng *see* Peng Gang
Gang Qian *see* Qian Gang
Gang Ruan *see* Ruan Gang
Gang Wu, Mukumoto, K., Fukuda, A. An integrated voice and data transmission system with idle signal multiple access—dynamic analysis 22326
Gang Wu *see* Jialin Xie 43973
Gang Xiong *see* Xiong Gang
Gang Xu *see* Yan Guo 45209
Gang Yu *see* Malik, K. 506
Gang Zhai *see* Zhai Gang
Gang Zhang Yanbin, Cai Wei GTR adaptive drive and protection 8537
Gang Zhao *see* Ge Lan 43711
Gang Zhao *see* Zhao Gang
Gang Zheng *see* Zheng Gang
Gang Zhou *see* Zhou Gang
Gang-Feng Kung *see* Kung Gang-Feng
Ganga, S. *see* Nagamani, H.N. 17150
Gangishetti, N.V. *see* Ghosh, J. 30925
Gangishetti, N.V. *see* Ghosh, J. 30932
Gangji Jiang *see* Jiang Gangji
Gangloff, W.C., Werner, C.L. I&C modernization for VVER reactors 25153
Gangopadhyay, G., Banerjee, D., Bhattacharya, R. Pulse height spectrum from a photomultiplier tube under direct gamma ray illumination 1814
Gangopadhyay, R., Mazumder, S.P. Performance analysis of MSK-FM hybrid scheme in optical communication 23075
Gangopadhyay, S., Melikechi, N., Eyler, E.E. Optical phase perturbations in nanosecond pulsed amplification and second-harmonic generation 29017
Gangopadhyay, T.K., Rakshit, A., Mondal, R.K., Bhattacharyya, S.N. Development of a multimode fibre optic-based transducer 38527
Gangopadhyay, U., Sarkar, C.K., Saha, H., Mukherjee, M.K., Bhattacharya, T.K., Banerjee, R. Effect of parasitic resistances on electrical characteristics of an amorphous silicon TFT 42960
Ganguly, A. *see* Mitra, M. 27227
Ganguly, A.K., Lau, Y.Y., Ahn, S. Absolute instabilities in gyropeniotron amplifiers 27419
Ganguly, A.K. *see* Das, A.K. 3160
Ganguly, A.K. *see* Hirschfield, J.L. 1785
Ganguly, A.K. *see* Jensen, K.L. 19283
Ganguly, G. *see* Kamel, T. 33707
Ganguly, G. *see* Matsuda, A. 33690
Ganguly, G. *see* Suzuki, A. 2187
Ganguly, N., Pitchumani, V. HSIM1 and HSIM2: object oriented algorithms for VHDL simulation 41582
Ganguly, R.C. *see* Dhar, P. 30440
Gangyao Xiao *see* Xiao Gangyao
Gani, J. Dam theory and related queueing models 473
Ganichev, S.D., Beregulin, E.V., Yaroshetskii, I.D. A room temperature high sensitivity fast detector of FIR radiation 38517
Ganichev, S.D., Glooch, K.Yu., Kotel'nikov, I.N., Mordovets, N.A., Shul'man, A.Ya., Yaroshetskii, I.D. A new fast point detector of FIR laser radiation 38518
Ganiere, J.D. *see* Nguyen Hong Ky 19341
Ganiere, J.D. *see* Rudra, A. 41330
Ganiere, J.D. *see* Saint-Cricq, B. 3668
Ganikhanov, F.Sh. *see* Ametov, S.D. 28940
Ganin, E. *see* Mogul, H.C. 11130
Ganin, E. *see* Shahidi, G.G. 11305
Gankov, I.V. Limiting angular superresolution characteristics of antenna arrays when observing coherent sources 21427
Gann, J.O. *see* Irving, M.R. 24877
Ganne, J.P. *see* Labeyrie, M. 20164
Gannot, G., Ligthart, M. Verilog HDL based FPGA design 34035
Ganru Mao *see* Mao Ganru
Gans, R.R., Rose, R.M. Crack detection in conducting materials using SQUID magnetometry 41512
Ganser, P. *see* Hornung, J. 3380
Ganshin, V.M. *see* Florinskii, V.Y. 35036
Ganti, S.Prakash *see* Prakash Ganti, S.
Gantnier, J. *see* Johnson, R. 40005
Ganyuk, L.N. *see* Vainberg, V.V. 15233
Ganz, A., Gong, W., Wang, X. Wavelength assignment in multihop lightwave networks 6027
Ganz, A., Li, B. A packet-switched WDM passive optical star based metropolitan area network 5486
Ganz, A., Li, B. Implementation schemes of multihop lightwave networks 6077
Ganz, A. *see* Chlamtac, I. 6074
Ganz, M.W. Rapid convergence by cascading Applebaum adaptive arrays 44623
Ganzherli, N.M. *see* Denisyuk, Yu.N. 36044
Gao, B. *see* Morison, G.K. 24712
Gao, B.-Q. *see* Wang, C. 1471
Gao, D.S. *see* Zhou, D. 17849
Gao, D.S. *see* Zhou, D. 26547
Gao, F., Kruse, J.W., Platt, C.E., Feng, M., Klein, M.V. Microwave surface impedance at 10 GHz and quasiparticle scattering in $YBa_2Cu_3O_7$ films 2881
Gao, F., Sonin, A.A. Precise deposition of molten microdrops: the physics of digital microfabrication 33353
Gao, G.B. *see* Reed, J. 33727
Gao, H.B., Yang, S.Z., Yang, K.C., Wang, Y.S., Wilkie, B.A. A neural network-based technique for quantitative wire rope inspection 9835
Gao, H.L., Wang, N.Y. Possible damage mechanism of the dielectric coatings for a KrF laser 28935
Gao, J. Theoretical investigation of traveling wave RF gun 7014
Gao, J. Analytical formulae for the resonant frequency changes due to opening apertures on cavity walls 7071
Gao, J., Jacquemard, B., Mouton, B., Omeich, M., Thiery, Y., Travier, C., Brun, A., Georges, P., Bazin, C. CANDELA photoinjector status report 7138
Gao, J. *see* Chen, R.H. 24690
Gao, J. *see* Gong, J. 14220
Gao, J.Y. *see* Zhang, H.Z. 11948
Gao, P., Bassi, P., Zoboli, M. Tunable birefringent optical single-mode fiber filter 3283
Gao, Q.-H., Rocheleau, R.E., Liaw, B.Y. Thin film tetragonal doped zirconia: synthesis and characterization 17328
Gao, Q.G. *see* Wong, A.K.C. 30020
Gao, S. *see* Cheng, Z. 3989
Gao, S. *see* Cheng, Z. 3997
Gao, S. *see* Gu, X.P. 25081
Gao, S. *see* Hutchinson, S.A. 24327
Gao, S.X. *see* Wang, S.L. 42254
Gao, Y., Kita, H., Watanabe, Y., Sima, K. An electrochemical Nafion matrix oxygen sensor and the evaluation of oxygen permeation in coated films 6847
Gao, Y., Krakiwsky, E.J., Abousalem, M.A., McLellan, J.F. Comparison and analysis of centralized, decentralized, and federated filters 38181
Gao, Y., Leich, M. Nonlinear distortion and intensity noise induced by laser frequency chirping and fiber dispersion in multichannel intensity modulation systems 5872
Gao, Y. *see* Yuan, R. 8462
Gao, Y. *see* Zhu, Y.M. 13663
Gao, Y. *see* Zhu, Y.M. 13788
Gao, Y.-G. *see* Sun, L. 29226
Gao, Y.K. *see* Gu, X.P. 25081
Gao, Z., Spiriti, E., Tortora, L. An ADC test system based on the Macintosh computer 46312
Gao, Z.M. *see* Guan, L. 7832
Gao, Z.Y. *see* Yan, L.G. 25331
Gao Baojuan *see* Tu Demin 16335
Gao Benqing *see* Song Shuxian 21453
Gao Chao New technique of measuring the coaxiality of holes of a large machine case 38679
Gao Dingsan *see* Zhang Xiaobo 20884
Gao Dingsan *see* Dingsan Gao
Gao Guang-Bo *see* Guang-Bo Gao
Gao Haibin, Wu Weimin, Wu Songmao, Lu Fuquan Design and test of a low energy ion detector 15646
Gao Haibin *see* Wu Weimin 23997
Gao Hong, Xue Shi-Fu, Li Qing-Xiang, Yan Pu-Qiang Non-contact surface roughness measurement 38682
Gao Hong *see* Hong Gao
Gao Hong-Bing, Yang Ke-Chong, Yang Shu-Zi Machine vision: the motion parameters estimation—an improved method 30053
Gao Honghai *see* Zhang Quansheng 20885
Gao Jiangrui, Wang Hai, Huang Maoquan, Peng Kunchi, Yu Zhenggang, Jiang Dehhua, Ma Changqin CW ring frequency stabilized and doubled Ce:Nd:YAG laser with 6 mirrors 28908
Gao Jianguo *see* Jianguo Gao
Gao Jianxia *see* Zhang Guoqiang 2527
Gao Jie, Zhang Chao-Jun, Zhong Guo-Lin, Zhou Yu-Qing, Zhang Qi-Zhao High precision voltage measurement based on the Josephson junction array voltage standard 31375
Gao Jinling *see* Lin Xianshu 8274
Gao Jinyue *see* Zhang Hanzhuang 35689
Gao Jinzhong *see* Jiang Yinzhong 41007
Gao Junhua *see* Zhuang Wanru 28668
Gao Lanyun *see* Lanyun Gao
Gao Li, Xiang Xun-Xian Hertz vector and current distribution of microstrip spiral antenna in biological stratified media 29285
Gao Long *see* Long Gao
Gao Shi-Wei *see* Shi-Wei Gao
Gao Shiping *see* Shiping Gao
Gao Wen Qing *see* Wen Qing Gao
Gao Wenliang *see* Wenliang Gao
Gao Wenyu *see* Ren Diyuan 9984
Gao Wenyu *see* Zhang Guoqiang 1960
Gao Wenyu *see* Zhang Guoqiang 42987
Gao Wenzhi *see* Wang Qiming 43819
Gao Wenzhi *see* Zhang Quansheng 20885
Gao Xiang, Zhang Yunqiang, Sun Juan, Peng Zhengfu, Jiang Shusheng, Zhang Lingjun Study of strained $In_{0.15}Ga_{0.85}As/GaAs$ superlattices by photoreflectance and transmission electron microscopy 10688
Gao Xiaoyun *see* Guo Guangsheng 18323
Gao Xin *see* Xin Gao
Gao Yang *see* Yang Gao
Gao Yawen *see* Yawen Gao
Gao Yizhi *see* Xu Baoxi 20886
Gao Yizhi *see* Yizhi Gao

Gao Yun, Wu Minming, Zhou Qibo Nonuniformity correction in staring IRCCD focal plane arrays 15086
Gao Yungui Acousto-optic modulation of CO_2 laser amplifier 20611
Gao Yuqing, Huang Taiyi, Chen Shaoyan Auditory model based speech recognition and comparison with other methods 13076
Gao Yuzhi *see* Zhang Lichun 27562
Gao Zhongwen, Du Desheng Analysis of operational problems in power transmission network planning optimization 7896
Gao Zuoming *see* Peng Xiaolan 32250
Gaofeng Wu *see* Junxian Liu 41214
Gaolong Jin *see* Jin Gaolong
gap You Young *see* Young gap You
Gaponenko, S. *see* Langbein, W. 3844
Gaponenko, S.V., Germanenko, I.N., Gribkovskii, V.P., Vasil'ev, M.I., Podorova, E.E., Tsekhomskii, V.A. Nonlinear absorption of semiconducting microcrystallites under quantum confinement: coexistence of reversible and irreversible effects 3793
Gaquiere, C. *see* Theron, D. 19911
Gar Lam Yip *see* Lizhong Sun 43474
Garabandic, D., Petrovic, T. Robust controllers for pulse-width-modulated DC/DC converters using internal-model-control design 1049
Garabatos, C. *see* Capeans, M. 24060
Garabedian, C. *see* Briot, R. 8468
Garabedian, G. *see* Mikkelsen, B. 38129
Garabedian, P. *see* Doussiere, P. 28824
Garabedian, P. *see* Doussiere, P. 43932
Garabedian, P. *see* Goldstein, L. 18141
Garabedian, P. *see* Landais, P. 20758
Garabedian, P. *see* Riant, I. 35717
Garagnani, A. *see* Casali, F. 38573
Garai, J.M. *see* Zapata, J. 19001
Garaj, M. *see* Kojecky, B. 1042
Garat, P. *see* Pham, D.T. 13426
Garate, E., Prohaska, R., Kosai, H., Rostoker, N. High current density magnetically insulated H^- diodes 46812
Garate, E., Xiaoling Zhai Experimental observations of wall plasma during a 1-μs long relativistic electron beam pulse 19305
Garate, E. *see* Xiaoling Zhai 42369
Garay, J.A., Gopal, I.S., Kutten, S., Mansour, Y., Yung, M. Efficient on-line call control algorithms 5156
Garay, M.A. *see* Demars, A. 14457
Garbar, N.P. *see* Lukyanchikova, N.B. 19812
Garbarczyk, J.E. *see* Momot, I. 42445
Garbarino, J. *see* Hanger, J.A. 31668
Garbe, G., Becker, R., Patel, M., Guthrie, W., Moghe, S., Williams, R., Giacomino, G. A 6.8-10.7 GHz EW module using 72 MMICs 7691
Garbe, H. *see* Baumann, J. 38638
Garbe, H. *see* Wilson, P. 44437
Garber, F. *see* Fister, T. 23089
Garber, R.B. Data storage: the next LAN server application 45558
Garberg, R.B. *see* Wattenbarger, B.L. 21666
Garbi, M. *see* Fuhr, E. 47976
Garbi, M. *see* Lazar, J. 47977
Garbossa, G. *see* Femminella, A. 39951
Garbowicz, G.D. Hybrid ballasts II: high-efficiency-type ballasts for 32-W T8 and 34-W T12 lamp systems 48449
Garbuzov, D.Z., Gulakov, A.B., Kochnev, I.V., Shernyakov, Yu.M., Khalfin, V.B., Yavich, B.S. Characteristics of the electric-current dependence of the efficiency of spontaneous emission from AlGaAs/GaAs laser diodes with a single quantum well 35827
Garbuzov, D.Z. *see* Diaz, J. 43923
Garbuzov, D.Z. *see* Huhse, D. 28829
Garcanovic, R. *see* Mahmutcehajic, R. 24598
Garces, I. *see* Garcia Ruiz, E. 6396
Garche, J. *see* Dietz, H. 17214
Garcia, A. *see* Pavia, J. 31851
Garcia, A.R. *see* Wiechmann, E.P. 16992
Garcia, B.J., Fontaine, C., Munoz-Yague, A. Molecular beam epitaxial growth and optical characterization of GaAs/$Al_xGa_{1-x}As$ quantum wells on nominally oriented (111)B GaAs substrates 18138
Garcia, C., Banga, E.R., Alba, J.L., Hernandez, L. Analysis, synthesis, and quantization procedures for a 2.5 kbps voice coder obtained by combining LP and harmonic coding 13144
Garcia, E. *see* Alessandrello, A. 24024
Garcia, E. *see* Alessandrello, A. 24031
Garcia, E. *see* Fernandez, D. 41453
Garcia, E. *see* Gonzalez, P. 2146
Garcia, E. *see* Jones, L.D. 35184
Garcia, E. *see* Kuz'minov, V.V. 7164
Garcia, E.V. *see* Ezquerra, N. 7335
Garcia, F. *see* Careme, F. 32255
Garcia, G., Matthews, L., Hickman, L. Integration of ESPI and structural analysis to determine the impact of structural defects 3909
Garcia, G. *see* Matthews, L. 6320
Garcia, G.A. *see* Burns, M.J. 2891
Garcia, G.A. *see* de la Houssaye, P.R. 20214
Garcia, J., Szoplik, T., Ferreira, C. Optoelectronic morphological image processor 21964
Garcia, J. *see* Adam, W. 7259
Garcia, J. *see* Adam, W. 31715
Garcia, J. *see* Adam, W. 46929
Garcia, J. *see* Casals, C. 45344
Garcia, J. *see* Espinosa, F. 28159
Garcia, J. *see* Kober, V. 13532
Garcia, J. *see* Mendlovic, D. 45249
Garcia, J. *see* Moya, A. 4948
Garcia, J. *see* Zapata, J. 19001
Garcia, J.A.de Abreu *see* de Abreu Garcia, J.A.
Garcia, J.C. The Intel 8051 microcontrollers 18806
Garcia, J.C. *see* Courmont, S. 34690
Garcia, J.C. *see* Maurel, P. 20914
Garcia, J.C. *see* Mazo, M. 40507
Garcia, J.Ch., Hirtz, J.P., Maurel, P., Von Bardeleben, H.J., Bourgoin, J.C. Structural and defect study of low temperature InP grown by gas source molecular beam epitaxy 747
Garcia, J.L. *see* Borge, Ma. 29227
Garcia, J.L. *see* Mediavilla, A. 2682
Garcia, J.P., Szu, H., Tien-Ren Tsao, Libert, J.M. Determination of viewing aspect of maximization of image symmetry 5091
Garcia, M. *see* Falcony, C. 9720
Garcia, M. *see* Thomson, N.S. 26019
Garcia, N. *see* Ronda, J.I. 23315
Garcia, N. *see* Ronda, J.I. 38243
Garcia, N. *see* Strack, R. 45621
Garcia, N. *see* Vu Thien Binh 31168
Garcia, P. *see* Segura, J.C. 12992
Garcia, P. *see* Segura, J.C. 44776
Garcia, Q., Martin, C., del Valle, J.C., Jongejans, A., Rinous, P., Travers, M.N. Microstrip monopulse antenna for land mobile communications 36420
Garcia, R. *see* Abella, C. 29315
Garcia, R. *see* Molina, S.I. 34586
Garcia, S. *see* Portelles, J. 2714
Garcia, S.G., Olmedo, B.G., Materdey, T., Hung, B., Martin, R.G. Improvements and extensions in FDTD for RCS calculations 30885
Garcia, W.W. *see* Martinez Vazquez, J.J. 30769
Garcia Aguilera, J.M. Application of mobile technology in the access network 30652
Garcia Barrero, J.M. *see* Calderon, M. 6676
Garcia de Leon, M. Electrical source analysis by brain mapping techniques 31945
Garcia Gomez, R. *see* Diez del Rio, L. 22709
Garcia Gomez, R. *see* Veiga, M. 13128
Garcia Perez, J., Lopez Aguera, A. Background reduction in the Forward RICH detector of DELPHI 46933
Garcia Perez, M.A. *see* Hamida, A.B. 34518
Garcia Ruiz, E., Garces, I., Aldea, C., Lopez, M.A., Mateo, J., Alonso-Chamarro, J., Alegret, S. Industrial process sensor based on surface plasmon resonance (SPR). I. Distillation process monitoring 6396
Garcia-Alonso, A., Artazcoz, J., Castano, E., Obieta, I., Gracia, F.J. Mechanical and electrical properties of SiO_2 thin films RF sputtered on non-silicon substrates for mechanical sensors 797
Garcia-Alonso, A., Huizti, X., Castano, E., Obieta, I., Gracia, F.J. An optimized preparation process of stainless-steel substrates and their application to thin-film high pressure sensors 6437
Garcia-Belmonte, G., Perez, J.M. Nuclear pulse discrimination using statistical detection theory 46981
Garcia-Beltran, A. *see* Ocana, J.L. 21138
Garcia-Cerrada, A. *see* Sanz-Bobi, M.A. 32897
Garcia-Fernandez, P. *see* Martinez-Linares, J. 28959
Garcia-Heras, J.L. *see* Urrutikoetxea, A. 6495
Garcia-Llamas, R. *see* Regalado, L.E. 3297
Garcia-Martin, E. *see* Moret-Bonillo, V. 38955
Garcia-Molina, H. *see* Kao, B. 37075
Garcia-Moliner, F. *see* Chico, L. 10697
Garcia-Moliner, F. *see* Chico, L. 10859
Garcia-Otero, S., Devaney, M. Minimization of acoustic noise in variable speed induction motors using a modified PWM drive 40552
Garcia-Pino, A., Obelleiro, F., Rodriguez, J.L. Scattering from conducting open cavities by generalized ray expansion (GRE) 4050
Garcia-Torano, E. *see* Los Arcos, J.M. 38908
Garcia-Torano, E. *see* Rodriguez Barquero, L. 38851
Garcia-Ugalde, F. *see* Lira, J. 37029
Garcia-Valenzuela, A. *see* Eskiyerly, M. 3148
Garcia-Valenzuela, A. *see* Rao, U.K. 6539
Garcia-Valenzuela, A. *see* Rao, U.K. 15047
Garcia-Valenzula, A. *see* Hsiang, P. 3152
Garcia-Vallejo, F. *see* Angulo, J.M. 23479
Garcia-Vallejo, F. *see* Usategui, J.M.A. 17769
Garcia-Weidner, A. Design of an ultralinear Pockels effect modulator: a successive approximation method based on Poincare sphere analysis 35478
Garczynski, V. Construction of the Courant-Snyder invariants for the non-linear equations of motion under presence of the linear coupling 31552
Garda, P. *see* Lalanne, P. 4809
Garda, P. *see* Zhu, Y. 34202
Garda, P.F. *see* Lalanne, P. 3273
Gardan, D., du Chaffaut, G. Optical fibre distribution network availability. Modelling and application to SAMPAN 14601
Gardell, J. *see* Pettigrew, R.D. 32515
Gardella, S. *see* Carrara, G. 16987
Gardelle, C. *see* Leger, A. 47200
Garden, C. *see* Saez, P. 23989
Garden, C. *see* Schultz, D. 38807
Gardes, J. *see* Aboubacar, A. 38802
Gardet, F. *see* Barret, G. 27097
Gardie, M. *see* Budkowski, S. 14116
Gardiner, J.G. Personal communications in Europe 30648
Gardiner, J.G. *see* Chandler, S.R. 27146
Gardiner, J.G. *see* Deka, R. 26992
Gardiner, J.G. *see* Doumi, T.L. 5825
Gardiner, J.G. *see* Sheriff, R.E. 37750
Gardiner, J.G. *see* Smith, H. 37930
Gardiner, P. *see* Patel, A. 30308
Gardiner, P.N. Echo cancelling 38220
Gardiner, T.D. *see* Milton, M.J.T. 36025
Garding, J. Direct estimation of shape from texture 21956
Garding, J. Shape from texture and contour by weak isotropy 22073
Gardiol, F. Near fields in antennas and EMC 36262
Gardiol, F.E. *see* Bokhari, S.A. 29318
Gardiol, F.E. *see* Mosig, J.R. 10426
Gardner, C.J. *see* Huang, H. 7044
Gardner, C.L., Jerome, J.W., Chi-Wang Shu The ENO method for the hydrodynamic model for semiconductor devices 19730
Gardner, J.H. *see* Atkins, R.A. 46469
Gardner, J.W. *see* Corcoran, P. 6657
Gardner, J.W. *see* Fekadu, A.A. 46531
Gardner, J.W. *see* Mason, J.D. 46530
Gardner, J.W. *see* Moore, S.W. 6634
Gardner, M. Testing for a new technology [DECT] 14078
Gardner, M. How is British Telecom using advanced technology, or whatever happened to AI? 37212
Gardner, P., Paul, D.K. Suppression of unwanted modes in tunable microstrip ring resonators 27181
Gardner, P., Paul, D.K., Hickson, M.T. Aspects of the design of millimetric SATCOM LNAs 19058
Gardner, P., Paul, D.K., Tan, K.P. Planar microstrip ring resonator filters 42214
Gardner, P. *see* Carlson, N.W. 20825
Gardner, P. *see* Konstantinou, K. 1551
Gardner, P. *see* Konstantinou, K. 19059
Gardner, R.L. Roots of high power electromagnetics 44426
Gardner, S. Implementation of compensation techniques for this control of the telephone wire manufacturing process 253
Gardner, S.N. *see* Kaune, W.T. 39113
Gardner, W.A. *see* Schell, S.V. 14485
Gardner, W.A. *see* Spooner, C.M. 21895
Gardner, W.F., Lawton, D.T. Local translational decomposition under rigid body motion 22224
Gardner, W.R., Rao, B.D. Non-causal linear prediction of voiced speech 29529
Gardner-Bonneau, D.J. Human factors problems in interactive voice response (IVR) applications: do we need a guideline/standard? 4581
Gardos, M., Klein, M., Kovalcin, S., Varga, L. Design of an equipment for measuring impedances, surface voltage gradients and contact voltages in large earthing systems 32482
Gare, P. Microcontrollers, industrial control circuits and EMC 41927
Garelik, S. *see* Chehouani, H. 9733
Garello, R., Delignon, Y. Statistical analysis of ocean surface texture in SAR images 38167
Garello, R. *see* Benedetto, S. 29446
Garello, R. *see* Benedetto, S. 44679
Garello, R. *see* Benedetto, S. 44704
Garetz, B.A. *see* Carin, L. 4267
Gareyte, J. Observation and correction of instabilities in circular accelerators 31597
Garfinkel, A.F. *see* Amidei, D. 46890
Garfinkel, A.F. *see* Tkaczyk, S. 46989
Garg, K.C. Recent developments in nuclear radiation detectors based on silicon photodiodes 7263
Garg, P.K. *see* Joshi, S. 8778
Garg, R.L., Singh, P. Queue-dependent servers queueing system 9380
Garg, S. *see* Ibok, E. 9703
Garg, S.P., Murthy, K.B.S., Sharma, R.C. Application of pulse shape discrimination technique to improve the energy resolution of a gas scintillation proportional counter 7231
Garganne, P. *see* Aleksan, R. 31759
Garganne, P. *see* Aleksan, R. 46903
Gargano, L. *see* Blundo, C. 21532
Gargione, F. The Advanced Communications Technology Satellite (ACTS)—technologies and experiments: 22926
Gargiuli, R., Tonon, R., Vannucci, D., Menozzi, L. The telecontrol system for ENEL MV network 7845
Gargour, C.S. *see* Ramachandran, V. 13301
Garigliano, R. *see* Collingham, R.J. 7490
Garigliano, R. *see* Nettleton, D.J. 36802
Garimella, S.V., Schlitz, D.J. Reducing inter-chip temperature differences in computers using vortex generators in forced convection 26187
Garino, T.J. *see* Tuttle, B.A. 28323
Garitagoitia, J.R. *see* Azpiazu, L. 25608
Garito, A.F. *see* Hara, M. 9530
Garland, M. *see* Roszel, L. 306

Garland, P.J., Irani, S. A Canadian demonstration system in support of enhanced personal and business services 22944
Garland, P.J., Mossinger, U., Le Ngoc, T. An onboard fast circuit switch in support of packet switched data services 22952
Garland, S.J. *see* Saxe, J.B. 26578
Garland, S.J. *see* Saxe, J.B. 33825
Garliauskas, A., Shimoliunas, A., Gutman, A. Some logic functions realized on a stationary nonlinear dendrite. 2. Inhibitory synapses 7454
Garliauskas, A., Shimoliunas, A., Gutman, A. Some logic functions realized on a stationary nonlinear dendrite. 3. Interaction of excitatory and inhibitory synapses 7455
Garlick, W.G. EMC analysis for power electronic equipment 36279
Garmash, V.N., Yefimenko, K.E. On the super-resolution mechanism of a system of wave field sources for digital reconstruction of coherent radar images 14675
Garmire, E.M. *see* Wang, G.Y. 36022
Garn, H.F. Management actions necessary to ensure technical excellence of EMC test services 44456
Garn, H.F., Zink, E., Mullner, W., Kremser, R. A new instrument for the determination of product-specific chamber factors for radiated-emission tests 36284
Garner, K. *see* Shiow-Hwa Lin 28628
Garner, P.L. *see* Tentner, A.M. 25184
Garner, S.C.B. *see* Ong, G.T. 19245
Garnev, I., Oshinov, K., Orlinov, V., Popova, K., Spangenberg, B. Optimizing plasma etching of base polymer materials for MLB using response surface methodology 10567
Garnier, P. *see* Oldham, T.R. 34069
Garnier, S.J., Bilbro, G.L., Gault, J.W., Snyder, W.E., Han, Y.-S. Magnetic resonance image analysis 7352
Garoby, R. Beam loading in RF cavities 31607
Garoche, P. *see* Djotni, K. 23601
Garofalo, J., Biddick, C.J., Kostelak, R.L., Vaidya, S. Mask assisted off-axis illumination technique for random logic 26898
Garofalo, J. *see* Newmark, D.M. 2268
Garofalo, J.G. *see* Kostelak, R.L. 27944
Garosi, F. *see* Ciocci, F. 28895
Garozzo, M. New materials for the photovoltaic conversion of solar energy 17382
Garre, R. *see* Acerbi, E. 15548
Garreau, D. *see* Duvaut, P. 4711
Garrec, G.Le *see* Le Garrec, G.
Garren, A.A., Kenney, A.S., Courant, E.D., Russell, A.D., Syphers, M.J., Sen, T., Barts, T. SYNCH-status and recent use at SSCL 46763
Garret, R.T. *see* Coleman, L.W. 8022
Garrett, B. RDRAMs: a new speed paradigm 41886
Garrett, H. *see* Rustan, P. 24407
Garrett, H.E. *see* Smith, D.E. 3099
Garrett, J.D. The case for exotic beams at the Holifield Heavy Ion Research Facility 23948
Garrett, M.H. *see* Cudney, R.S. 20073
Garrett, M.H. *see* MacCormack, S. 28821
Garrett, P.H., Heyob, J.J., Hunt, V.J., LeClair, S.R., Patterson, O.D. Decoupled flux control for molecular beam epitaxy 33605
Garrett, R.A. *see* Dharani, L. 122
Garrett, S. *see* Cipresso, G. 34360
Garrett, S. *see* Dangerfield, W. 14073
Garribba, S., Skeer, J. IEA/OECD trends in road transport and prospects for electric vehicle development and international co-operation 48402
Garrido, B. *see* Acero, M.C. 27707
Garrido, C. *see* Fernandez, D. 41453
Garrido, L. *see* Carrabina, J. 24112
Garriga, J. Thermal analysis of circuit boards and electronic equipment 17802
Garriott, B.G. Magneto-optical current transducer optical metering installation at Gibson Station switchyard 32509
Garrish, M. *see* Adcock, P. 48392
Garrish, M. *see* Adcock, P. 48421
Garrison, A.A. *see* Martin, M.Z. 31504
Garrison, D.P., Lam, A., Borrego, J.M., Gutmann, R.J. Shunt-mounted harmonically-tuned power rectifier for distributed power converters 1022
Garrison, J. *see* Stanley, R. 37767
Garrison, R.F., Kamper, K.W., Beattie, B., Ridder, A., Shelton, I. A CCD spectrograph for the University of Toronto Southern Observatory in Chile 23922
Garrity, D. *see* Ross, W.E. 28533
Garrity, M.E., Richie, S.M., Malocha, D.C. Characterization of three phase unidirectional transducers 7664
Garrity, T.F., Kovacik, J.M., Stoll, H.G. Power generation technologies for planning in today's global environment 7904
Garrou, P. *see* Rogers, B. 17856
Garrou, P.E. *see* Heistand, R.H., II 9303
Garrucho, P.D., Jr. The ASEAN Free-Trade Area and its implications on the battery industry 40392
Garscadden, A. *see* Wu, R.L.C. 41409
Garshva, G. *see* Montrimas, E. 15171
Garside, J.D. *see* Furber, S.B. 34118
Garside, J.J., Brown, R.H., Ruchti, T.L., Feng, X. Modeling torque in a switched reluctance motor for adaptive control purposes using self-organizing neural networks 25405
Garske, D.C. *see* Wang, H. 10498
Garson, G.D. Exploring the Internet with Gopher 37415
Garstang, C.W., Hazen, B. How rechargeable battery characteristics impact uninterruptible power system design and overall cost 33003
Garth, J.C. *see* Frederickson, A.R. 35151
Garth, S.J., Sammut, R.A. Theory of stimulated Raman scattering in two-mode optical fibers 20300
Garth, S.J. *see* Samir, W. 29014
Garth, S.J. *see* Samir, W. 36034
Garth, S.J. *see* Vouzas, P. 35358
Garthe, D., Kobiela, J., Kallweit, R. Development of an integrated-optical microphone by means of waveguide structuring on PMMA 39424
Gartner, M. *see* Sperling, W. 5480
Garton, A. *see* Xu, J. 43214
Gartsman, K., Chernyak, L., Gilet, J.M., Triboulet, R., Cahen, D. Room temperature local tailoring of electronic properties of $Hg_{1-x}Cd_xTe$ by application of an external electric field 1948
Garudadri, H. *see* Kenny, P. 29560
Garufi, F. *see* Asmone, A. 31692
Garufi, F. *see* Asmone, A. 31721
Garus, D. *see* Schliep, F. 28445
Garuts, V.E. Design and evaluation of a 5 GHz HBT strobed comparator 10136
Garvey, D. *see* Asaki, M.T. 20699
Garvey, J. *see* Ahmed, T. 38929
Garvey, J. *see* Eisenhandler, E. 15665
Garvey, J. *see* Ellis, N. 38927
Garvey, R.M. *see* Vig, J.R. 20100
Garvey, S. *see* Colak, I. 8411
Garvey, S. *see* Colak, I. 16856
Garvey, T., Eylon, S., Fessenden, T.J., Henestroza, E. Beam acceleration experiments on a heavy ion linear induction accelerator 23984
Garvey, T. *see* Eylon, S. 23983
Garvey, T. *see* Glotin, F. 7019
Garvia-Valenzuela, A., Tabib-Azar, M. Fiber optic force and displacement sensor based on speckle detection with 0.1 nano-newton and 0.1 angstrom resolution 6542
Gary, C.K., Piestrup, M.A., Boyers, D.G., Pincus, C.I., Pantell, R.H., Rothbart, G.B. Noninvasive digital energy subtraction angiography with a channeling-radiation X-ray source 15766
Gary, F. *see* Laurent, A. 17105
Gary, J.D. *see* Groutage, D.F. 6151
Gary, J.E., Mehrotra, R. Similar shape retrieval using a structural feature index 22136
Gary, S., Dietz, C., Eno, J., Gerosa, G., Sung Park, Sanchez, H. The PowerPC 603 microprocessor: a low-power design for portable applications 41931
Gary, S. *see* Poursepanj, A. 41932
Garza, C.M., Palmer, S.R., Shu, J. Benchmark comparison of i-line, alternating phase-shift masks 11026
Garza, F. *see* Leslie, D. 47415
Garzella, D., Couprie, M.E., Delboulbe, A., Hara, T., Billardon, M. Temporal behaviour and longitudinal instabilities on the super-ACO free electron laser 43971
Garzella, D. *see* Couprie, M.E. 7020
Garzella, D. *see* Couprie, M.E. 43983
Garzelli, A. *see* Abrardo, A. 22798
Garzelli, A. *see* Benelli, G. 5233
Garzi, G. *see* Rostamkolai, N. 24900
Gasbarro, J. *see* Horowitz, M. 33939
Gase, T. *see* Brauer, A. 43545
Gashkov, O.P. *see* Makin, V.S. 19605
Gasi, E.-H. *see* Lopukhina, Ye.M. 16844
Gasiewski, A.J., Kunkee, D.B. Calibration and applications of polarization-correlating radiometers 6762
Gasilov, A.Yu. *see* Magunov, A.N. 6513
Gasiot, J. *see* Moreau, Y. 35075
Gasiot, J. *see* Roubaud, F. 34986
Gaskell, A., Probert, P. Sensor models and a framework for sensor management 29569
Gaskill, D.K. *see* Hendershot, D.G. 9746
Gaskill, D.K. *see* Justus, B.L. 3875
Gaskill, D.K. *see* Tseng, W.F. 713
Gaskov, A.M. *see* Akimov, B.A. 42454
Gas'kov, A.M. *see* Vereshchagina, L.N. 18297
Gasman, L. ATM CPE—who is providing what? 14307
Gasnier, S. *see* Lamarque, G. 24475
Gaspar, C. *see* Adye, T. 38896
Gaspar, S.M. *see* Krukar, R.H. 6780
Gasparac, I. *see* Smolcic, Z. 40236
Gasparini, F., Brugnera, R., Carlin, R., Dal Corso, F., De Giorgi, M., Dosselli, U., Grassi, M., Morandin, M., Posocco, M., Stanco, L., Stroili, R. A delay line on a VLSI gate array as a time digitizer 46980
Gasparini, F., Giantin, R., Martinelli, R., Meneguzzo, A., Pitacco, G., Sartori, P., Soggia, R., Zotto, P., Andlinger, M., Szoncso, F., Walzel, G., Wulz, C.-E., Bencze, G.L., Della Negra, M., Peach, D., Radermacher, E., Seez, C., Wrochna, G. Bunch crossing identification at LHC using a mean-timer technique 7223
Gasparini, O. *see* Arbolino, M.V. 39373
Gasparotto, A., Carnera, A., Acco, S., La Ferla, A. Deep implants by means of channeling: ion distribution and radiation damage in angle controlled N^+ implantation in silicon 10831
Gasparro, D.M. Moving LAN E-mail onto the enterprise 45489
Gasper, D.J. *see* Needes, C.R.S. 19261
Gasperis, P.De *see* De Gasperis, P.
Gasquet, D. *see* de Murcia, M. 10670
Gasquet, D. *see* Vaissier, J.C. 10652
Gass, C., Tisinger, E. New high voltage IC is ideal for low power off-line converter 43018
Gass, S.I. *see* Bryson, N.A. 543
Gassel, H. *see* Meda, L. 34615
Gasser, R.F., Jr. *see* Berry, F.C. 39297
Gasser, S., Busch, E., Fuglister, E. Electricity saving in service industry operation. Balance result of energy reorganisations: 16% lower electricity consumption 25989
Gasser, S., Muller, U. Make electricity consumption visible 47589
Gassmann, F. *see* Wilson, P. 44437
Gast, W. *see* Georgiev, A. 24094
Gastaldi, L. *see* Bocchi, C. 2028
Gastaldi, P. *see* Koslowski, H. 48257
Gastaud, M., Clavier, E., Chauvet, P. Design and performances of a 10 kW fast axial flow CO_2 laser 11968
Gastaud, M. *see* Clavier, E. 11967
Gastaud, M. *see* Clavier, E. 28927
Gastebois, J. *see* Cavedon, J.M. 15354
Gastli, A., Iwasaki, M., Matsui, N. Speed sensorless vector control of secondary flux controlled induction motor 8356
Gastli, A., Takeshita, T., Matsui, N. A new stator-flux-oriented speed-sensorless control algorithm for general purpose induction motor drive 40526
Gastli, A., Tomita, M., Takeshita, T., Matsui, N. Improvement of a stator-flux-oriented speed-sensorless control of an induction motor 16847
Gaston, F.M.F. *see* Kadlec, J. 18844
Gasull, A., Marques, F., Fernandez, A., Torres, L. Non-linear techniques for image interpolation 22007
Gasull, T. *see* Sayrol, E. 5034
Gasworth, S.M. *see* Rzad, S.J. 17415
Gates, D.C. *see* Elco, R.A. 19189
Gates, M.M. *see* LaBel, K.A. 39254
Gates, S.M. *see* Koleske, D.D. 701
Gates, S.M. *see* Koleske, D.D. 33593
Gatesman, A. *see* Woskov, P.P. 38661
Gatignon, L. *see* Doble, N. 46806
Gatos, H.C. Semiconductor electronics and the birth of the modern science of surfaces 26071
Gatta, F.M. *see* Iliceto, F. 16924
Gatta, F.M. *see* Iliceto, F. 16925
Gatti, E., Moruzzi, R., Torri, G., Vaccaro, V. Digital control of load commutated inverters for starting equipment of gas turbine power stations 16672
Gatti, E., Sampietro, M., Zocchi, F.E. Determination of the interaction coordinate in drift detectors through the timing of induced signals 24003
Gatti, E. *see* Ripamonti, G. 34161
Gatti, E. *see* Rizzo, P.A. 46995
Gatti, F. *see* Cosulich, E. 24028
Gatti, G. *see* Walters, P.C. 1545
Gatti, G.M. Crushing and screening coal waste for use in a circulating fluidized bed boiler 8166
Gatti, U. *see* Dell'Acqua, A. 7283
Gatti, U. *see* Dell'Acqua, A. 46998
Gatto, E.Lo *see* Lo Gatto, E.
Gatto, H.J.Del *see* Del Gatto, H.J.
Gatzmanga, H. *see* Baschant, D. 23477
Gau, Y., Nelson, E.O., Dye, K.D. Evaluation of antioxidant uniformity in polyethylene insulations 5690
Gaub, H.E. *see* Miehlich, R. 3862
Gauch, J. *see* Lai, J. 4989
Gauch, J. *see* Pien, H. 22238
Gauchard, S. *see* Chiaroni, D. 37687
Gauckler, L.J. *see* Sasaki, K. 17339
Gaudenzi, P. *see* Hagood, N. 28328
Gaudenzi, R.De *see* De Gaudenzi, R.
Gaudette, T.L., Fraser, L., Della Villa, S.A. A reliability, availability, and maintainability assessment of Turbo Power's FT8 gas turbine power plant 32742
Gaudiau, J. *see* Cance, M. 38406
Gaudine, D. *see* Kubina, S.J. 44198
Gaudiosi, G., Cesari, F.G. Wind energy potential on the Mediterranean harbour breakwaters 32805
Gaudriot, L. *see* Tirole, N. 29112
Gaudron, M. Networking outsourcing: the next 10 years 37192
Gauen, K. Mixed technology power ICs improve circuit performance and reliability 1015
Gauen, K., Chavez, W. High cell density MOSFETs: low on-resistance affords new design options 42964
Gauen, K., Chavez, W. High cell density MOSFETs: low on-resistance affords new design options 42986
Gauen, K. *see* Donnelly, J.M. 33127
Gauen, K. *see* Donnelly, J.M. 42865
Gauer, C. *see* Simon, A. 15027
Gauer, E.A. *see* Adams, J.W. 27082

Gauggel, H.-P. *see* Kaden, C. 34856
Gaughan, K., Lin, Z., Viner, J.M., Taylor, P.C., Mathur, P.C. Doping efficiency of n-type a-Si:H doped with a liquid organic source 27627
Gauja, E. *see* Bazylenko, M.V. 35461
Gaujacq, C., Thoraval, G., Klinger, J.P., Bayle, F. Flue gas treatment tests in boiler furnaces 39971
Gaul, G. Westinghouse CAES program status report 33084
Gaul, H.-G. *see* Rathmann, F. 6941
Gaul, L. *see* Harth, W. 27230
Gauldin, M.A., Horwedel, J.H., Kozik, J.P., Thompson, R.J., Wilson, R.J. The 5ESS wireless mobile switching center 22728
Gault, J.W. *see* Garnier, S.J. 7352
Gault, M., Mawby, P., Adams, A.R., Towers, M. The temperature characteristics of InGaAsP/InP buried heterostructure lasers 20899
Gault, W.A. *see* Morgan, R.A. 20829
Gault, W.A. *see* Swaminathan, V. 6504
Gaumann, E. *see* Adam, W. 46929
Gaumont-Goarin, E. *see* Doussiere, P. 28824
Gaumont-Goarin, E. *see* Jacquet, J. 35974
Gaumont-Goarin, E. *see* Landais, P. 20758
Gaumont-Goarin, E. *see* Langanay, J. 35835
Gaunaurd, G.C., Huang, H., Wertman, W. Resonance sonar identification of submerged shells that have oscillating internal masses attached by springs 23215
Gaunaurd, G.C., Strifors, H.C., Abrahamsson, S., Brusmark, B. Scattering of short EM-pulses by simple and complex targets using impulse radar 46045
Gaunaurd, G.C. *see* Strifors, H.C. 23084
Gaunaurd, G.C. *see* Strifors, H.C. 23176
Gauneau, M. *see* Beniere, F. 27663
Gauneau, M. *see* Favennec, P.N. 10845
Gauneau, M. *see* Gouy-Pailler, P. 19628
Gauneau, M. *see* Kechouane, M. 10844
Gaunekar, A.S., Narayankhedkar, K.G., Bapat, S.L. Dynamic and thermodynamic analysis of doubly motorized miniature Stirling cryocooler using double coil linear motors 24412
Gaunt, C.T. *see* Herman, R. 25075
Gaunt, R.E. *see* Dittmer, H.E. 8148
Gauntt, D.M., Barnes, G.T. X-ray tube potential, filtration, and detector considerations in dual-energy chest radiography 38983
Gaur, P.B.L. *see* Prasad, V.C. 9919
Gaurav, H. *see* Rattan, S.S. 44677
Gautam, D.K., Ishida, K. Carrier-induced MESFET optical switches for photonic integration 3382
Gautam, H.O. Microwave components for space systems 30690
Gautheron, B., Labeau, M., Delabouglise, G., Schmatz, U. Undoped and Pd-doped SnO_2 thin films for gas sensors 6637
Gautheron, B. *see* Labeau, M. 6640
Gautheron, O., Beylat, J.-L., Bousselet, P. Experimental investigation of stimulated Brillouin scattering and self-phase modulation effects on long distance 2.5 Gbit/s repeaterless transmission 30854
Gautheron, O. *see* Gabla, P.M. 30840
Gauthier, A. *see* Benabes, P. 1276
Gauthier, C. *see* Huselstein, J.-J. 1067
Gauthier, G., Budka, T.P., Ali-Ahmad, W.Y., Filipovic, D.F., Rebeiz, G.M. A low-noise 86-90 GHz uniplanar Schottky-receiver 1423
Gauthier, R.C. Mode coupling between buried end separated integrated-optic waveguides: expressions and applications to devices 11653
Gauthier, R.C., Turgeon, S. Birefringent sensor enhancement by wavelength multiplexing 23663
Gauthier, R.R., Farahi, F., Dahi, N. Fiber-optic white-light interferometry: lead sensitivity considerations 31247
Gautier, B., Joeckle, R., Lacroix, F. Utilization of plastic windows for large dimension CO_2 laser beam transmission 11811
Gautier, B. *see* Rongere, F.-X. 25857
Gautier, G. *see* Jacob, J. 15181
Gautier, G. *see* Jacob, J. 15458
Gautier, J. *see* Dentan, M. 34183
Gautier, J.L. *see* Fouquet, F. 27271
Gautier, J.L. *see* Temcamani, F. 27303
Gautier, J.L. *see* Zhang, G.F. 27304
Gautschi, W. Is the recurrence relation for orthogonal polynomials always stable? 583
Gauvain, J.-L. *see* Lee, C.-H. 29503
Gauvain, J.L. *see* Lee, C.H. 13029
Gauvin, J. *see* Bergeron, A. 12429
Gauzzi, P. *see* Antonelli, A. 24054
Gauzzi, P. *see* Asmone, A. 31692
Gauzzi, P. *see* Asmone, A. 31721
Gavaler, J.R. *see* Piatnicia, A.Y. 4288
Gavaler, J.R. *see* Sobolewski, R. 28398
Gavali, S., Karki, K., Patankar, S., Miura, K. Numerical study of flow and heat transfer for circular jet impingement on the bottom of a cylindrical cavity 324
Gavalian, V.G., Lorikian, M.P., Shikhliarov, K.K. A high-time-resolution position-sensitive radiation detector 31678
Gavalian, V.G. *see* Lorikian, M.P. 38863
Gavan, J. Ladar/radar dual mode operation system for enhancing tracking range and accuracy 46102
Gavan, J. *see* Joffe, E.B. 44381
Gaved, T.J., Farquharson, A.A. Testing of facsimile and facsimile information retrieval systems 22497
Gaved, T.J. *see* Chima, J.S. 22493
Gavi, L., Berquist, A. External access: opening public management service to business users and service providers 37307
Gavignet-Morin, P. *see* Chiaroni, D. 37078
Gavignet-Morin, P. *see* Chiaroni, D. 37687
Gavignet-Morin, P. *see* Masetti, F. 37685
Gavillet, P. *see* Adye, T. 38896
Gavin, E.J.O. *see* Blok, H.P. 38935
Gavrev, V.S. *see* Kozlov, L.V. 18338
Gavrielides, A. *see* Newell, T.C. 33931
Gavrielides, A. *see* Newell, T.C. 36635
Gavrielides, A. *see* Simpson, T.B. 43944
Gavrilin, A.T. Mathematical model of receiving antenna 12716
Gavrilov, S.P. *see* Vertiy, A.A. 21035
Gavrilov, S.P. *see* Vertiy, A.A. 21036
Gavrilovic, M.M., Begin, G. SMES systems for transient stability and damping improvement of power systems 32325
Gavrilovic, P. *see* Dabkowski, F.P. 20813
Gavrilovic, P. *see* Zarrabi, J.H. 3475
Gavrilyuk, I.P. *see* Arov, D.Z. 18083
Gavrilyuk, V.G. *see* Katok, V.B. 30817
Gavrishchuk, O.P., Eremeev, R.V., Kadykov, M.G., Kosarev, I.G., Semenov, V.K., Shalygin, A.B., Yukaev, A.N. Coordinate resolution of the central part of the AK-600 hadron calorimeter 31765
Gavrishchuk, O.P., Onuchin, V.A., Semenov, V.K., Suzdalev, V.I. Concentrating light-guide for a threshold Cherenkov counter 7159
Gaw, H.T. *see* Hutchinson, J.M. 11034
Gawin, J., Fochtman, P. Substitution algorithm for binary chains 18630
Gawlik, A. *see* Ruppel, C.C.W. 11421
Gaworzewski, P. *see* Morgenstern, T. 18294
Gawrylczyk, K.M. Three dimensional magnetic field analysis in a linear motor by means of scalar potential 48370
Gay, M. *see* Risk, I.C. 13827
Gay, P. *see* Le Roux, P. 37994
Gay, R. *see* Ang Gim Ching, J. 9236
Gay, R. *see* Wong, K.Y. 19223
Gay, R. *see* Wong Ming Mao 9237
Gay, R.K.L., Seet, P.K., Lee, B.S. Network-based concurrent design environment for distributed-based CAD 14205
Gay, R.K.L. *see* Ang, G.C. 10568
Gay, R.K.L. *see* Ang, M.K. 33340
Gay, V. *see* Fedaoui, L. 14121
Gay, V. *see* Leydekkers, P. 37219
Gay, W.D. *see* Mitchell, T.L. 45154
Gaye, A.A. *see* Tylavsky, D.J. 24668
Gayler, J. Performance of the H1 liquid argon calorimeter 31699
Gaylord, T.K. *see* Henderson, G.N. 10739
Gaynes, M.A. *see* Shaukatullah, H. 40967
Gayord, T.K. *see* Henderson, G.N. 20905
Gayral, M. *see* Dienot, J.-M. 34914
Gayral, M. *see* Ongareau, B. 11238
Gayral, M. *see* Parra, T. 1643
Gayvoronsky, V.Ya. *see* Borshch, A.A. 3845
Gazalet, M.G., Ravez, M., Haine, F., Bruneel, C., Bridoux, E. Acousto-optic low-frequency shifter 43563
Gazda, P.A. *see* Blomgren, J.C. 32604
Gazdzicki, M. *see* Bachler, J. 46934
Gazecki, J. *see* Kubica, J.M. 35428
Gazeley, W.G., Hallisey, B.S. Issues in mixed-signal CMOS ASIC design 10343
Gazes, S.B., Perera, P.A.A., Wolfs, F.L.H. FERA readout system for APEX 24111
Gazi El-Halabi *see* El-Halabi Gazi
Gaziev, U.Kh. *see* Alavutdinov, J.N. 33142
Gazis, E. *see* Adam, W. 46929
Gazzana Priaroggia, P., Metra, P., Miramonti, G. Research on the breakdown under type test of nonpressurized paper-insulated HVDC cables 7966
Gazzotti, F., Gamberini, S., Monaco, G. Triple-mode trolleybuses and the Bologna public transport system. Experience and developments 48216
Gbeddy, F. *see* Billinton, R. 24602
Gbur, E.E. *see* Qureshi, W.M. 41008
Gburzynski, P. *see* Baransel, C. 22521
Gburzynski, P. *see* Dobosiewicz, W. 14168
Ge Hongya *see* Hongya Ge
Ge Lan, Dong Jiang, Tianjin Hou, Gang Zhao, Xinbang Wang, Qianhua Qu Experimental study of gain-guided waveguide-array (1×10) CO_2 laser 43711
Ge Lan *see* Lan Ge
Ge Lijia, Chen Tianqi, Huang Xiangfu Joint estimation of wavelength and azimuth with its global optimization algorithm 13263
Ge Shaochun *see* Zhou Shutong 12538
Ge Yueming *see* Yueming Ge
Ge Zhang *see* Qinghai Miao 398
Gealy, F.D. *see* Ramesh, R. 11372
Geambasu, N. *see* Vulcu, I. 39672
Gearhart, S.S. *see* Acharya, P.R. 36398
Gearhart, S.S. *see* Filipovic, D.F. 36399
Geatches, R.M., Reeson, K.J., Criddle, A.J., Webb, R.P., Pearson, P.J., Hemment, P.L.F., Nejim, A. Nondestructive characterization of SIMOX structures 34614
Geballe, T.H. *see* Char, K. 2863
Geballe, T.H. *see* Nashimoto, K. 9662
Gebauer, H.-J. *see* Frank, M. 24026
Gebauer, H.-J. *see* Nagel, U. 24049
Gebauer, H.J. *see* Bachler, J. 46934
Gebauer, T. *see* Gockler, H.G. 23689
Gebbie, H.A. Quantum based temperature standards 31093
Gebbinck, M.klein *see* klein Gebbinck, M.
Gebel, G. *see* Mosdale, R. 48110
Gebel, R., Hartmann, W. Mechanical shocks as cause of late discharges in vacuum circuit breakers 8699
Gebel, R. *see* Eversheim, P.D. 31625
Gebhardt, J. *see* Ortiz Pavia, J. 8688
Gebhardt, W. *see* Bauer, S. 9559
Gebhardt, W. *see* Bauer, S. 41250
Gebhart, C.E., Lingaard, K.D., Sensenig, R.G., Trudel, D.T. Turner control replacement 8193
Gebizlioglu, O.S. *see* D'Amico, J.N. 5693
Gebizlioglu, O.S. *see* Frantz, R.A. 2980
Gebler, P. *see* Downing, R. 19172
Gebotys, C.H. Optimal synthesis of multichip architectures 28242
Gebotys, C.H. Throughput optimized architectural synthesis 34122
Gebotys, C.H. An optimization approach to the synthesis of multichip architectures 41736
Gebotys, C.H., Elmasry, M.I. Global optimization approach for architectural synthesis 18425
Gebotys, C.H., Gebotys, R.J. Optimal mapping of DSP application to architectures 18819
Gebotys, R.J. *see* Gebotys, C.H. 18819
Geckeler, K.E. *see* Zhou, R. 6628
Gedde, U.W. *see* Gustafsson, A. 2722
Gedde, U.W. *see* Gustafsson, A. 11380
Geddes, J.B. *see* Getty, W.D. 42143
Geddes, N. *see* Miller, C.A. 39214
Geddes, N.J., Paschinger, E.M., Furlong, D.N., Ebara, Y., Okahata, Y., Than, K.A., Edgar, J.A. Piezoelectric crystal for the detection of immunoreactions in buffer solutions 23738
Geddes, R. *see* Huang, H. 48282
Gedeon, R., Taylor, B. Experience with square versus round discharge electrodes 32676
Gedge, S.L. *see* Andreu, O. 5795
Gedge, T., Lister, A. Dynamic reconfiguration of telecommunications software 14053
Gedrat, O. *see* Tonshoff, H.K. 18305
Gedridge, R.W., Jr., Lee, K.E., Lowe-ma, C.K. Pyrolysis studies and deposition of Sb films using the novel OMVPE source $(i\text{-}Pr)_2SbH$ 41386
Gedridge, R.W., Jr. *see* Shin, J. 704
Gee, A., Doria, D.M., Leonard, J.D. Neural network ATR indexing system 29773
Gee, A. *see* Doria, D.M. 29930
Gee, A.E. *see* Puttick, K.E. 27668
Gee, C.M. *see* Lau, K.Y. 11585
Gee, C.M. *see* Schaffner, J.H. 45968
Gee, C.N.P. *see* Ellis, N. 38927
Gee, K.B. *see* Soderstrand, M.A. 42045
Gee, N. *see* Eisenhandler, E. 15665
Gee, R.C. *see* Asbeck, P.M. 11152
Gee, R.C. *see* Seabury, C.W. 27207
Gee, R.E. Technology transfer effectiveness in university-industry cooperative research 40846
Gee, R.E. *see* Evans, D.F. 187
Gee, S.A. *see* Chen, A.S. 40943
Gee, S.J. Image understanding in the multispectral domain 13572
Gee-Swee Poo, Boon-Ping Chai File recovery by ISO FTAM 14103
Gee-Swee Poo *see* Wai-Lung Loh 30493
Geelhoed, E. *see* Whittaker, S. 31070
Geels, R.S., Thibeault, B.J., Corzine, S.W., Scott, J.W., Coldren, L.A. Design and characterization of $In_{0.2}Ga_{0.8}As$ MQW vertical-cavity surface-emitting lasers 43851
Geels, R.S. *see* Bour, D.P. 43922
Geen, M. *see* Foulon, F. 2127
Geene, H.T.F. *see* Steennis, E.F. 24955
Geeng-Tyng Shaw *see* Yuan-Hua Chu 19978
Geens, R., Wyner, E. Progress in high pressure sodium lamp technology 8972
Geer, C.A.J.van der *see* van der Geer, C.A.J.
Geeraerts, B. *see* van Petegem, W. 41669
Geerligs, J.A.J.M., van Rhee, G. Discrete LQ-control of a buck converter 16991
Geerligs, L.J. *see* Cheung, R. 27739
Geers, D.G., Bassett, I.M., Hewlett, S.J. Numerical characterisation of twin-core fibre: scalar and vector solutions 35402
Geert, E.van *see* van Geert, E.
Geest, D.C.L.van *see* van Geest, D.C.L.
Geest, E.Van *see* Van Geest, E.
Geeter, E.De *see* De Geeter, E.
Geetha, M.K. *see* Padiyar, K.R. 24595
Geetha, S. *see* Platt, D. 40273
Geeves, S. Use of real-time simulators to teach transient stability concepts 47366
Gegner, J.P., Lee, C.Q. Pulse width modulated, zero-voltage-switched, full-bridge, current-driven and current coupled converter 25550
Gegner, J.P. *see* Long, D.Z. 25549
Gegov, A., Fischer, F., Nour Eldin, H.A., Zaprianov, J. Multilevel intelligent fuzzy control of power systems 39507

Gehler, J., Brauer, A., Karthe, W. Remote coupling over 93 μm using ARROW waveguides in strip configuration 35420
Gehler, J., Brauer, A., Karthe, W., Jager, M. Antiresonant reflecting optical waveguides in strip configuration 20363
Gehlot, N.S. *see* Alsina, P.J. 40180
Gehlsen, J.M. *see* Hawthrone, J.A. 13760
Gehring, R. *see* Dutz, H. 31657
Gehrke, W. *see* Winzker, M. 46223
Gehrmann, R. *see* Deckelmann, W. 23311
Geib, K.M. *see* Beyette, F.R., Jr. 43684
Geick, R. *see* Xu Shanjia 4224
Geifman, E.M. *see* Arinushkin, V.N. 34910
Geiger, F., Stoldt, M., Schweizer, H., Bauerle, P., Umbach, E. Electroluminescence from oligothiophene-based light-emitting devices 43662
Geiger, F. *see* Bauerle, P. 26528
Geiger, H. *see* Dakin, J.P. 46478
Geiger, M., Hutfless, J. On-line diagnostic system for the quality of high power CO_2-laser optics 12306
Geiger, M., Lutz, N., Rebhan, T., Hutfless, J. Quality control during excimer laser material processing 21139
Geiger, M. *see* Hoffmann, P. 3750
Geiger, R., Hopf, H.-G., Saueressig, P. RESY - relational database tool for the calculation of MTBF values of PCBs 34326
Geiger, R.L. *see* Bliss, W.G. 10224
Geiger, R.L. *see* Yu, C.-G. 18501
Geiger, S. *see* Narathong, C. 18945
Geiges, R., Merle, K. A high resolution TDC subsystem 42025
Geihs, K., Mann, A. ODP viewpoints of IBCN service management 5358
Geim, A.K. *see* Sakai, J.W. 42850
Geim, A.K. *see* Stoddart, S.T. 42510
Geis, M.W. *see* Pryor, R.W. 750
Geise, R.A. *see* Robinson, J.D. 7363
Geiselman, E.E., Osgood, R.K. A comparison of three attitude display symbology structures during an attitude maintenance task 15961
Geiser, W., Koch, M. Euteltracs, the new satellite based data transmission and vehicle tracking system 30658
Geisik, C. *see* Smith, H.V., Jr. 38827
Geisler, E., Furino, A. University-industry-government cooperation: research horizons 196
Geisler, K.I., Hughes, B.A., Neumann, S.A. An integrated distribution management system based on a generalized information infrastructure 24796
Geisler, K.I. *see* Tracey, J.S. 7872
Geisler, K.I. *see* Tracey, J.S. 32247
Geissberger, A. *see* Raffaelli, L. 30903
Geissbuhler, A. *see* Townsend, D. 47079
Geissbuhler, A. *see* Townsend, D.W. 15764
Geissinger, L.G., Waller, P., Chartier, V.L., Olsen, R.G. Electric and magnetic field reduction and research: a report to the Washington State Legislature 39457
Geissler, K.K. Generation of short laser pulses 35721
Geissler, S. *see* Givens, J. 43093
Geist, G.A. *see* Sunderam, V.S. 45606
Geistlinger, H. Electron theory of thin-film gas sensors 15110
Geiwitz, J., Spiker, A., Fischer, S. Evaluating maintenance proficiency tests 39696
Geiwitz, J. *see* Fischer, S.C. 39776
Gejji, R.R. CSMA/CD network problem threshold 22323
Gelatos, A.V. *see* Jain, A. 34796
Gelatos, C. *see* Olowolafe, J.O. 34820
Gelatos, C.M., Shi, T., Magnella, C., Klein, J. Optimization of tungsten and titanium nitride etchback for contact and via plug applications 2111
Gelb, A. *see* Anderson, E.B. 33010
Gelbard, E.M. *see* Tentner, A.M. 25184
Gelder, T.van *see* van Gelder, T.
Gelderen, T.van *see* van Gelderen, T.
Gelders, L., Proost, A., Van der Heyde, C. Quality assurance in an academic unit: a case study 17761
Geleijns, J., Schultze Kool, L.J., Zoetelief, J., Zweers, D., Broerse, J.J. Image quality and dosimetric aspects of chest X ray examinations: measurements with various types of phantoms 24174
Gelenbe, E. G-networks: a unifying model for neural nets and queueing networks 22330
Gelenbe, E. G-networks: a unifying model for neural and queueing networks 26278
Gelenbe, E. *see* Fourneau, J.-M. 26281
Gelenbe, E. *see* Fourneau, J.M. 33470
Gelfand, R.B. *see* Ulyashin, A.G. 34503
Gelfand, S.B., Doerschuk, P.C., Nahhas-Mohandes, M. Theory and application of annealing algorithms for continuous optimization 545
Gelfand, S.B., Ravishankar, C.S. A tree-structured piecewise linear adaptive filter 44852
Gelikonov, V.M., Markelov, V.A. Experimental study of the influence of laser intensity on sources of natural fluctuations in He-Ne lasers 20603
Gelinas, M.P. *see* Liu, Z. 41437
Geller, B.D. *see* Upshur, J.I. 19105
Geller, J. *see* Huang, H. 7044
Geller, R. *see* Melin, G. 15579
Gellermann, W. *see* Mollmann, K. 43816
Gellerstedt, B.D. *see* Stallard, G.S. 8160
Gelli, G., Izzo, L. A cyclic beamforming method for signal DOA estimation 21878
Gelli, G.B. *see* Boatto, C. 25578
Gellings, C.W., Chamberlin, J.H. Demand-side management: concepts and methods. Second edition 17656
Gellings, C.W. *see* Wikler, G. 25854
Gelly, J.-F. *see* Ventura, P. 16047
Gel'man, L.M. The properties of the maximum likelihood estimate of the variance of a signal on a background of interference 36694
Gelmini, E., Minoni, U., Docchio, F. Simple digital technique for efficient frequency locking of diode-pumped Nd:YAG lasers 28760
Gelmini, E., Minoni, U., Docchio, F. Tunable, double-wavelength heterodyne detection interferometer for absolute-distance measurements 29081
Gelmont, B. *see* Bykhovski, A. 1975
Gelorme, J. *see* Conley, W. 11056
Gelpey, J.C., Elliott, J.K., Wortman, J.J., Ajmera, A. *(editors)* Rapid Thermal and Integrated Processing II 43
Gelsdorf, F. *see* Bergholz, W. 2642
Gelsdorf, F. *see* Kolbesen, B.O. 2002
Gelsdorf, F. *see* Kolbesen, B.O. 19929
Geluk, R.J. Test objects for fluoroscopy 15785
Gelvich, E.A. *see* Pobedonostev, A.S. 1796
Gembarzhevskii, G.V., Generalov, N.A., Kosynkin, V.D. A transducer to measure turbulent gas flow fluctuations under glow discharge 14983
Gemikonakli, O. *see* Brewster, B.D. 10419
Gemme, G. *see* De Martinis, C. 15510
Gemmeke, H. *see* Dodd, A.C. 7229
Gemmeke, H. *see* Eitel, K. 31763
Gemmricher, R. *see* Wachholz, G. 22658
Gemmricher, R. *see* Wachholz, G. 30534
Gemund, H.-P. *see* Roberts, A. 42170
Gen, M. *see* Nakahara, Y. 547
Gen, M. *see* Sasaki, M. 548
gen. Schieck, H.Paetz *see* Paetz gen. Schieck, H.
Genat, J.F. *see* Dell'Acqua, A. 46998
Gendi Cao *see* Cao Gendi
Gendry, M. *see* Hollinger, G. 34729
Genello, G.J. *see* Vannicola, V.C. 30879
Generalov, N.A. *see* Gembarzhevskii, G.V. 14983
Generosi, R. *see* Barchesi, C. 1052
Generosi, R. *see* Barchesi, C. 26727
Genesio, R., Tesi, A., Villoresi, F. A frequency approach for analyzing and controlling chaos in nonlinear circuits 26653
Genetti, G. *see* Warde, C. 38618
Geneves, G., Lo-Hive, J.-P., Reymann, D., Witt, T.J. Observation and precise measurement of subharmonic voltage steps on a 1 V Josephson junction array 46565
Genevey, P. *see* Granier, M. 15547
Geng, C. *see* Hommel, J. 27754
Geng, C. *see* Kaden, C. 20808
Geng, N., Kurner, T., Wiesbeck, W. Envelope correlation coefficient between diversity channels based on a 3D wave propagation model 36186
Geng, N., Wiesbeck, W. Simulation of radio relay link performance using a deterministic 3D wave propagation model 14423
Geng, Q. *see* Shinoda, H. 15827
Geng, Z. *see* Haynes, L. 35249
Geng Jihong, Zhang Guiyan, Qian Wenliang, Song Xiudong, Lin Fucheng Limit of self-mode locking and operation of single longitudinal mode in a CuBr laser 20610
Geng Jihong *see* Jihong Geng
Geng Lin, Pippenger, N. Parallel algorithms for routing in nonblocking networks 30259
Geng Mingming *see* Mingming Geng
Geng Sun *see* Sun Geng
Geng Wanzhen *see* Jiang Lingzhen 12412
Genglin Han *see* Han Genglin
Gengquan Liu *see* Liu Gengquan
Gengsheng Wu *see* Wu Gengsheng
Gengxin Li *see* Li Gengxin
Gengxing Yang Pseudocolor encoding by rainbow holography with no slit 36068
Genhong Zhou *see* Zhou Genhong
Genji, T. *see* Okamura, Y. 16430
Genkin, V.N., Myl'nikov, M.Yu. Model of the process of dissolution and swelling of thin polymethylmethacrylate films 11010
Gennarelli, C. *see* Bucci, O.M. 36094
Gennert, M.A., Malin, J.A. Stereo vision using Gabor receptive fields 36787
Gennert, M.A. *see* Bushman, T.W. 29876
Genno, S., Akiyoshi, K., Sano, S., Sekiguchi, N., Amano, K., Tabata, M. Development of Opt-Puller (optical fiber cable pulling machine) 23042
Genoe, J. *see* Fobelets, K. 18824
Genoe, J. *see* Van Hoof, C. 3356
Genot, M. Applications of 1-D map from Chua's circuit: a pictorial guide 993
Genova, F. *see* Arena, C. 9638
Genova, R.R. Real-time metering (RTM): rapidly evolving toward reality 8021
Genovova, E. *see* Petr, J. 28300
Gens, W. *see* Kulka, D. 17434
Genshen Ling *see* Ling Genshen
Gentchev, A.G. Novel fully-stabilised constant-frequency low-noise multi-resonant converter 32920
Gentile, G., Rotondale, N., Martelli, M., Tassoni, C. Harmonic analysis of induction motors with stator faults 47867
Gentile, G. *see* Bucci, G. 40224
Gentile, M. *see* Fayette, D.F. 9269
Gentile, P. *see* Haas, H. 11687
Gentile, T.J. *see* Emanuel, A.E. 47503
Gentile, T.J. *see* Pileggi, D.J. 25931
Gentili, G.Biffi *see* Biffi Gentili, G.
Gentili, G.G., Macchiarella, G. Quasi-static analysis of shielded planar transmission lines with finite metallization thickness by a mixed spectral-space domain method 42136
Gentili, M., Grella, L., Di Fabrizio, E., Luciani, L., Baciocchi, M., Figliomeni, M., Maggiora, R., Mastrogiacomo, L., Cerrina, F. Development of an electron-beam process for the fabrication of X-ray nanomasks 27982
Gentili, M. *see* Di Fabrizio, E. 27925
Gentili, M. *see* Guo, J.Z.Y. 27977
Gentili, M. *see* Krasnoperova, A.A. 31816
Gentili, M. *see* Luciani, L. 27926
Gentner, F.C., Crissey, M.J. Liveware survey of human systems integration (HSI) technologies: need for comprehensive survey and available database 16114
Gentry, J. *see* Kudva, J.N. 38387
Gentry, J.D. *see* Marantidis, C. 38388
Gentzkow, W.von *see* von Gentzkow, W.
Genugten, B.B.van der *see* van der Genugten, B.B.
Genxin Zhang *see* Zhang Genxin
Genyong Chen *see* Chen Genyong
Genz, H. Review of free-electron lasers (single-pass) 12258
Genz, H., Graf, H.-D., Horn, J., Huck, V., Hummel, K.D., Knirsch, M., Luttge, C., Richter, A., Rietdorf, T., Ruhl, K., Schardt, P., Spamer, E., Stiller, A., Thomas, F., Titze, O., Topper, J., Weise, H. Operational experience and results from the S-DALINAC 15271
Genz, H. *see* Auerhammer, J. 43978
Geoffray, C. *see* Owen, F. 14086
Geoffray, C. *see* Verrecchia, L. 14066
Geoffroy, M., Bjones, R., Cnudde, H. AXY-TRANS: physical funds transport and DES 21583
Geogory, D.A. *see* Yu, F.T.S. 11736
Geok See Ng *see* Ng Geok See
Geok-Lian Oh *see* Kah-Chye Tan 29662
Geok-Lian Oh *see* Kah-Chye Tan 44832
Georgakilas, A., Christou, A., Halkias, G., Zekentes, K., Kornilios, N., Papavassiliou, C., Dimoulas, A., Peiro, F., Cornet, A., Ababou, S., Tabata, A., Guillot, G. Growth temperature optimization for InAlAs molecular beam epitaxy 740
Georgakilas, A., Christou, A., Zekentes, K., Tsagaraki, K., Halkias, G., Lefebvre, P., Allegre, J. Molecular beam epitaxy technology for selective area embedded InGaAs lasers in InP substrates 33625
Georgakilas, A. *see* Kalboussi, A. 18188
Georgakilas, A. *see* Lopez-Villegas, J.M. 1905
Georgakilas, A. *see* Peiro, F. 695
Georganas, N.D. *see* Gupta, A.K. 22736
Georganas, N.D. *see* Li, M. 5219
Georgantzis, G.J., Vovos, N.A., Giannakopoulos, G.B. Proposed HVDC control methods for stabilization of an integrated AC/DC system 7922
Georgatsos, P. *see* Jussila, P. 37304
Georgatsos, P. *see* Sanchez, J.A. 37299
George, A., Ribbum, B. High quality audio coding suitable for ISDN channels 14272
George, A.D., Short, C.S., Cook, S.W., Kupiszewski, J.A. Preliminary developments with the Linda programming environment for signal processing and control applications 44916
George, A.D., Simons, F.O., Jr. A PC-based DSP system for sonar signal simulation 6153
George, A.D., Simons, F.O., Jr. A PC-based DSP system for sonar signal simulation 44898
George, A.D. *see* Simons, F.O. 42066
George, A.E. *see* Cadogan, D.P. 47194
George, C.R. Cochlear implants: technology for the profoundly deaf 24346
George, D. Use a reprogrammable approach to boundary scan for FPGAs 26814
George, D.S., McCall, M.W. Control of nearly degenerate four-wave mixing in a distributed feedback semiconductor laser amplifier via coherent electrical modulation 35807
George, F. *see* Tubtiang, A. 14050
George, M., Bohling, D., Bailey, W., Del Prato, T., Harlan, K., Magnella, C. Minimizing system contamination potential from gas handling 34653
George, M.A., Azoulay, M., Burger, A., Biao, Y., Silberman, E., Nason, D. Optical properties and surface morphology studies of palladium contacts on mercuric iodide single crystals 10755
George, M.A., Azoulay, M., Jayatirtha, H.N., Burger, A., Collins, W.E., Silberman, E. X-ray photoelectron spectroscopy and atomic force microscopy characterization of the effects of etching $Zn_xCd_{1-x}Te$ surfaces 2108
George, M.A. *see* Bohling, D.A. 1979

George, M.A. *see* Tompa, G.S. 41478
George, M.French-St. *see* French-St. George, M.
George, R. *see* Brooks, R. 10599
George, R.E. *see* Hankins, W.G. 32696
George, S.M. *see* Coon, P.A. 41490
George, T., Pike, W.T., Fathauer, R.W., Jones, E.W., Ksendzov, A. Single crystalline/porous amorphous superlattice formation by the etching of MBE grown $Si/Si_{1-x}Ge_x$ layers on Si substrates 10705
George, T. *see* Asif Khan, M. 18162
George, T. *see* Egawa, T. 43927
George, T. *see* Line, T.L. 23637
George, T. *see* Park, J.S. 31214
George, T.A. *see* Ledwich, G. 7803
George, T.D. Enabling the wireless revolution 22417
Georger, J. *see* Thackeray, J.W. 27970
Georger, J.H. *see* Dulcey, C.S. 11089
Georger, J.H., Jr. *see* Dressick, W.J. 19647
Georges, D. Optimal unit commitment in simulations of hydrothermal power systems: an augmented Lagrangian approach 47391
Georges, E. *see* Pigache, D. 12010
Georges, J.B., Buckman, L., Vassilovski, D., Park, J., Kiang, M.-H., Solgaard, O., Lau, K.L. Stable picosecond pulse generation at 46GHz by modelocking of a semiconductor laser operating in an optoelectronic phaselocked loop 30586
Georges, J.B., Lau, K.Y. Broadband microwave fiber-optic links with RF phase control for phased-array antennas 45967
Georges, J.B., Park, J., Solgaard, O., Pepeljugoski, P., Sayed, M., Lau, K.Y. Transmission of 300 Mbit/s BPSK at 39 GHz using feedforward optical modulation 30752
Georges, J.B. *see* Buckman, L.A. 28867
Georges, J.B. *see* Lau, K.Y. 3623
Georges, P. *see* Balembois, F. 3494
Georges, P. *see* Gao, J. 7138
Georges, T., Favre, F. Modulation, filtering, and initial phase control of interacting solitons 3764
Georges, T. *see* Allain, J.Y. 3548
Georges, T. *see* Douay, M. 43417
Georges, T.M., Harlan, J.A., Meyer, L.R., Peer, R.G. Tracking Hurricane Claudette with the U.S. Air Force over-the-horizon radar 7607
Georgescu, M. *see* Stoia, D. 40244
Georgescu, S. *see* Lupei, V. 28755
Georgeson, S., Warner, H. Expert system diagnosis of wide complex tachycardia 24313
Georghiou, G.A., Horan, S.J. Modeling and simulation of astronomical image transfer via the advanced communications technology satellite 14540
Georgi, W., Brummer, E., Leichte, W., Mohr, P. Optical vibration measurement on distantly situated objects 6867
Georgiades, C. *see* Persephonis, P. 11983
Georgiades, C.A. *see* Persephonis, P. 35676
Georgiadis, L., Guerin, R., Cidon, I. Throughput properties of fair policies in ring networks 45279
Georgiadis, P. *see* Roussos, J.K. 37498
Georgiev, A., Gast, W. Digital pulse processing in high resolution, high throughput, gamma-ray spectroscopy 24094
Georgiev, G.N. *see* Ivanov, K.P. 4236
Georgiev, G.T. *see* Georgieva, E.M. 11556
Georgiev, R. *see* Pranchov, R. 1757
Georgieva, E.M., Georgiev, G.T. Method for studying the electro-optic effect of isotropic crystals: Stokes-Mueller analysis of the method—experimental results 11556
Georgieva, M.N. *see* Ivanov, K.P. 4236
Georgijev, Z.M., Stojcev, M.K. VLSI common voting module for fault-tolerant TMR system in industrial system control applications 33972
Georgiopoulos, M. *see* Ho, C.S. 27111
Georgiopoulos, M. *see* Ho, C.S. 34200
Georgokitsos, K. *see* Apfelbeck, J. 22912
Georgopoulos, C.J., Bakalidis, G.N. Cell-cavity modelling for power estimation in infrared communication links 23003
Georgopoulos, C.J. *see* Gialelis, J.B. 5600
Georgopoulos, V.C. Overcoming passive coupling excess loss in fiber-optic networks by using a collective interface 5871
Georgopoulos, V.C. Probability of error in a spread spectrum network with variable bit rate and constant chip rate 22999
Georgui Park *see* Jae S. Yoo 20916
Gephard, R. *see* Patterson, D. 17912
Gepko, I.A. *see* Bessalov, A.V. 21639
Gera, B.S., Singal, S.P. Design of a microcomputer-based monostatic sodar system 39389
Gerace, F. *see* Croce, F. 17205
Geraci, M.F. Reliability of controlled expansion printed wiring boards 10557
Geraets, L.H. What limits nuclear plant life? 47638
Geraldo, L.P. *see* Semmler, R. 7313
Geraniotis, E. *see* Sauder, D. 36744
Gerard, A. *see* Val, C. 43085
Gerard, A.H. *see* Zondy, J.J. 3452
Gerard, H., Mouquet, Y. New three-configuration FET de-embedding method 11257
Gerard, P. *see* Mouchot, J. 46417
Gerard, P. *see* Ouabbou, A. 11098
Gerardino, A. *see* Di Lazzaro, P. 11998
Gerardino, A.M. *see* Letardi, T. 20623
Gerasimchuk, L.I. *see* Malikov, V.Ya. 2865
Gerasimov, A. The applicability of diffusion phenomenology to particle losses in hadron colliders 38792
Gerasimov, A.I. A pulsed high-voltage divider with liquid resistors 8523
Gerasimov, A.I. On normalizing constants of multi-server networks with several customer classes 41046
Gerasimov, L.S., Ikryannikov, V.I. Temperature instability of a metal conductor at high current densities 39597
Gerasimov, M.V. *see* Gutman, E.E. 6633
Gerasimov, S.V., Karbushev, N.I. Effect of higher space charge harmonics on the interaction of a relativistic electron beam with a plasma waveguide 1798
Gerasimov, S.Yu. *see* Amosov, A.V. 28928
Gerasimov, V.I., Zvezdin, Yu.I., Kuznetsov, E.V., Nosov, G.F., Sandler, N.G., Kharbina, I.L. Potential materials for tube systems in steam generators on nuclear power stations 8068
Gerasimova, T.N., Konstantinova, A.V., Pen, E.F., Sinyukov, A.M., Shelkovnikov, V.V. Study of holographic characteristics in recording volume phase holograms in photopolymer material 29063
Gerasimovich, A.N. Study of electromagnetic phenomena in hysteresis media 12521
Gerassimov, S.G. *see* Muller, U. 46916
Gerassimov, S.G. *see* Siebert, H.-W. 46896
Gerbaud, L., Pazos Flores, F., Bolopion, A., Baudon, Y., Ferrieux, J.-P. On the use of Macsyma symbolic language to generate simulation softwares for the control of converter-machine drives 17473
Gerbe, V. *see* Armengaud, L. 31790
Gerber, J. *see* Kottapalli, K. 19019
Gerber, J. *see* Rohde, U.L. 27217
Gerber, J. *see* Rohde, U.L. 42197
Gerber, J. *see* Strecker, W. 47031
Gerber, J. *see* Tayrani, R. 11235
Gerber, J.E. *see* Tayrani, R. 42201
Gerber, R. *see* Boehm, J. 48365
Gerber, R. *see* Krist, P. 43338
Gerber, R.L. *see* Slessinger, E.D. 31998
Gerber, R.L. *see* Wong, J.W. 15907
Gerber, T.C. *see* Belohlavek, M. 7415
Gerberich, W.W. *see* de Boer, M.P. 33668
Gerbi, B.J. The response characteristics of a newly designed plane-parallel ionization chamber in high-energy photon and electron beams 15939
Gerblinger, J., Gabler, H., Mock, R., Meixner, H. The effect of inhomogeneous substrate-temperature distribution on the signal response of oxygen sensors 6643
Gerblinger, J. *see* Meixner, H. 7641
Gerboles, M.E. *see* Veiga, M. 13128
Gerbrands, J.J. *see* Reinders, M.J.T. 36826
Gerbrands, J.J. *see* Zhang, Y.J. 13782
Gerca, L.E. *see* Rutkis, M.A. 12358
Gerdemann, R. *see* Alff, L. 35283
Gerdes, J. *see* Anderson, W.T. 34268
Gerdes, J.W., Jr. *see* Khanna, S.M. 34513
Gerdes, R., Otterbach, R., Kammuller, R. Calibration of a computer vision system with CCD camera. I. Model description and calibration procedure 6599
Gerek, O.N. *see* Cetin, A.E. 37016
Geren, N., Ekere, N.N. Solder paste dispensing in robotic SMD rework 42313
Gereth, R., Kruger, F.J. New batteries for electric road vehicles: progress in nickel hydride battery technology 33006
Gerez, V. *see* Nehrir, M.H. 40344
Gerez, V. *see* Thapar, B. 47028
Gerfelder, N., Neuss, C. The image communication information board: a hypermedia information system for standards and activities in the area of image communication 46205
Gerfen, C.R. *see* Unser, M. 22109
Gerfin, T., Becht, M., Dahmen, K.H. Growth kinetics of copper thin films in different MOCVD systems 10994
Gergam, E., Charki, H., Lazzouni, M., Vapaille, A., Prudon, G. Antimony δ doping by low energy implantation in molecular-beam epitaxy Si layers 2032
Gergin, E. *see* Grajew, G. 37613
Gergis, I.S. *see* Kozlowski, L.J. 46502
Gerhard-Multhaupt, R., Eberle, G., Xia Zhongfu, Yang Guomao, Eisenmenger, W. Electric-field profiles in corona- or electron-beam-charged and thermally treated Teflon PTFE, FEP, and PFA films 35122
Gerhardstein, P.C. *see* Biederman, I. 37050
Gerhardts, R.R. *see* Lier, K. 19513
Gerhardts, R.R. *see* Pfannkuche, D. 42518
Geri, A. *see* Costa, P. 25750
Gerig, G., Koller, T., Szekely, G., Brechbuhler, C., Kubler, O. Symbolic description of 3D structures applied to cerebral vessel tree obtained from MR angiography volume data 39021
Gerig, G. *see* Pun, T. 45050
Gerin, E.S. *see* Blamey, P.J. 7484
Gerin, E.S. *see* Blamey, P.J. 31988
Gerin, M. *see* Herman, G. 40336
Gerini, G. *see* Rozzi, T. 27224
Gerischer, H. *see* Rappich, J. 19552
Gerke, D.D. *see* Kimmel, W.D. 21269
Gerke, H. *see* Oliver, J.A. 17639
Gerke, M.N. *see* Sherstobitov, V.E. 21056
Gerke, R.R., Koreshev, S.N., Semenov, G.B., Smirnov, V.V. Hologram optics at S.I. Vavilov State Optical Institute 36074
Gerken, M.J. *see* Gunsch, G.H. 24576
Gerla, M., Chiaretti, G., Rotolo, S. Comb-Net: a high density WDM network with centralized wavelength combs 30710
Gerla, M., Tai, T.-Y.C., Gallassi, G. Internetting LAN's and MAN's to B-ISDN's for connectionless traffic support 22510
Gerla, M. *see* Bannister, J. 5562
Gerla, M. *see* Lin, Y.-D.J. 30507
Gerla, M. *see* Ying-Dar Jason Lin 30196
Gerla, M. *see* Ying-Dar Lin 30311
Gerlach, D. Base station array receivers in cellular CDMA 30643
Gerlach, H., Kunze, W., Kietzke, F.K. Thyristor technology in power supply systems of DC railways 25884
Gerlach, K. A comparison of two adaptive detection schemes 29720
Gerlach, K. A mean level adaptive detector using nonconcurrent data 36648
Gerlach, K. Convergence rate of an SMI canceler in nonstationary noise 44871
Gerlach, K.R. *see* Sangston, K.J. 46037
Gerlach, W. *see* Feiler, W. 2545
Gerlack, R.Z. Build absorptive all-harmonic waveguide filters 1469
Gerlando, A.Di *see* Di Gerlando, A.
Gerling, D. Comparison of different methods for calculating the air-gap field of induction motors 25440
Gerling, D. *see* van der Broeck, H. 8886
Gerling, T.G. *see* Monaldo, F.M. 39400
Germagnoli, F. *see* De Rossi, D. 14975
German, F.J. Infinitesimally adjustable boundaries in symmetrical condensed node TLM simulations 44487
German, F.J. *see* Riggs, L.S. 44521
German, V.O. *see* Buznikov, A.E. 25727
Germanchuk, T.F. *see* Kasjanov, G.P. 8030
Germanenko, A.V., Kruzhaev, V.V., Minkov, G.M., Rumyantsev, E.L., Rut, O.E. Spin-polarised tunnelling current in metal-insulator-gapless semiconductor structures in a magnetic field 34617
Germanenko, I.N. *see* Gaponenko, S.V. 3793
Germani, J. *see* Levin, C. 7154
Germann, R. *see* Blanc, N. 1910
Germann, R. *see* Briant, V. 39789
Germann, R. *see* Brovelli, L.R. 20790
Germann, R. *see* Hausser, S. 12113
Germann, R. *see* Unger, P. 12178
Germann, R. *see* Unger, P. 28934
Germann, R. *see* Unger, P. 35778
Germano, A. *see* Bucci, G. 40224
Germano, G., Chua, T., Kavanagh, P.B., Kiat, H., Berman, D.S. Detection and correction of patient motion in dynamic and static myocardial SPECT using a multi-detector camera 15763
Germay, N. *see* Xiaodong Yin 41105
Germer, T.A., Young, R.Y., Ho, W., Ravel, M.K. Charge-coupled-device based time-of-flight charged particle analyzer 15650
Germond, A. *see* Tinguely, C. 24638
Germond, A.J. *see* Baumann, T. 16281
Germond, A.J. *see* He Ren-Mu 16264
Germond, A.J. *see* Razanamampandry, J. 24837
Germond, A.J. *see* Tinguely, C. 32195
Germond, A.J. *see* Tinguely, C. 32287
Gerner, N., Imhof, L. Intelligence test passed [Siemens intelligent network] 5617
Gernhauser, R. *see* Wieser, J. 20644
Gerogiannis, D., Orphanoudakis, S.C. Load balancing requirements in parallel implementations of image feature extraction tasks 21961
Geronimo, G.De *see* De Geronimo, G.
Gerosa, G. *see* Frezza, F. 1450
Gerosa, G. *see* Gary, S. 41931
Gerr, N.L., Allen, J.C. Time-delay estimation for harmonizable signals 36656
Gerrardi, G.J., Rong, R.C., Poindexter, E.H., Harmatz, M., Shen, H., Warren, W.L. GaAs surface stabilization by vacuum anneal with SiO 10884
Gerrish, A.M. *see* McAdams, L.R. 30780
Gerritsma, G.J. Multilayer-type Josephson junctions and devices fabricated thereof 11532
Gerritsma, G.J. *see* Klopman, B.B.G. 1473
Gerritsma, G.J. *see* Marx, A. 20207
Gerritsma, G.J. *see* Terpstra, D. 2905
Gerschutz, J. *see* Waag, A. 34692
Gersey, C.O., Mudawar, I. Orientation effects on critical heat flux from discrete, in-line heat sources in a flow channel 33371
Gershenzon, E. *see* Ekstrom, H. 27237
Gershenzon, E.M., Grachev, S.A., Litvak-Gorskaya, L.B. Role of H_2^+ complexes in optimization of *n*-type InSb mixers in the millimeter wavelength range 34243
Gershenzon, E.M. *see* Gousev, Yu.P. 43355
Gershinskii, G.A. *see* Babin, S.A. 44017
Gershman, V. *see* Kanofsky, A.S. 5943
Gersho, A. *see* Chan, W.-Y. 4383
Gersho, A. *see* Chan, W.-Y. 12938
Gersho, A. *see* Cuperman, V. 4467

Gersho, A. *see* Gupta, S. 29956
Gersho, A. *see* Gupta, S. 30076
Gersho, A. *see* McLaren, D.L. 6225
Gershoni, D., Henry, C.H., Baraff, G.A. Calculating the optical properties of multidimensional heterostructures: Application to the modeling of quaternary quantum well lasers 28831
Gersht, A. *see* Kheradpir, S. 30332
Gerson, D.J. Computer networks for chemists: where are we and what can we expect in the future? 14232
Gerstel, O., Zaks, S. A new characterization of tree medians with applications to distributed sorting 22370
Gerstenberg, D.C., Wallace, R.W. Continuous-wave operation of a doubly resonant lithium niobate optical parametric oscillator system tunable from 966 to 1185 nm 3815
Gerstenmaier, Y.C. 1-D simulation and analytic theory of the critical turn-off behaviour of high-power GTO-thyristors with a chopper circuit 2503
Gerth, G. *see* Dammer, U. 28348
Gerth, J.M. Systematic errors occur in the discrimination of complex audio signals 6268
Gerth, W.A., Watke, C.M. Electrical impedance spectroscopic monitoring of body compartmental volume changes 15844
Gerthsen, D. *see* Forster, A. 19746
Gerthsen, D. *see* Hollander, B. 27658
Gertkemper, Th., Ristein, J., Ley, L. In situ characterization of chemical annealing of a-Si:H by photoelectron spectroscopy 42680
Gertler, J. *see* Kowalczuk, Z. 33440
Gertman, D.I. *see* Wilhelmsen, C.A. 39757
Gertner, A.G., Ratnieks, P.N., Pukinskis, A.P. Low-frequency signal spectrum analyzer for testing and diagnostics of tape transport mechanism 2809
Gertsev, K.F. *see* Ageev, A.I. 15546
Gervais, E. *see* Hossein Haeri, M. 7765
Gervais, M.P. An overview of the existing solutions for the integration of intelligent network and telecommunication management network 14036
Gerven, S.Van *see* Van Gerven, S.
Gerver, M.J. *see* Fenn, R.C. 35251
Gerwen, P.van *see* van Gerwen, P.
Gerwen, R.J.F.van *see* van Gerwen, R.J.F.
Gerybadze, A. Technology forecasting as a process of organisational intelligence 40853
Geschonke, G. *see* Brown, P. 15355
Gesell, G.A., Ciric, I.R. Multiple waveguide discontinuity modelling with restricted mode interaction 44535
Geselowitz, D. *see* Berbari, E.J. 39047
Gesheva, K. *see* Beshkov, G. 9765
Gesheva, K.A., Krisov, T.A., Simkov, U.I., Beshkov, G.D. Deposition and study of CVD—tungsten and molybdenum thin films and their impact on microelectronics technology 18251
Gesheva, K.A. *see* Lasarova, V. 9717
Geshiro, M., Hotta, M., Kameshima, T. Coupled-mode analysis of leaky waves in channel waveguides consisting of anisotropic material 20356
Geshiro, M. *see* Hotta, M. 3091
Geshiro, M. *see* Hotta, M. 3092
Geshiro, M. *see* Hotta, M. 29270
Gesick, W.R. *see* Wong, B. 33354
Gesley, M. An electron optical theory of beam blanking 12529
Gesley, M., Abboud, F., Colby, D., Raymond, F., Watson, S. Electron beam column developments for submicron-and nanolithography 27869
Gesley, M., Colby, D., Raymond, F., McClure, D., Abboud, F. Electrodynamics of fast beam blankers 27915
Gessen, S.B. *see* Voron'ko, Yu.K. 28786
Gessner, O. *see* Brunner, M. 40934
Gessner, T. *see* Gruenewald, W. 19632
Gessner, T. *see* Schulz, S.E. 19629
Gestel, R.van *see* van Gestel, R.
Gesu, V.D. Dynamic study of the graphs KNN and KMST 41078
Gesu, V.Di *see* Di Gesu, V.
Getino, J.M. *see* Gutierrez, F.J. 6636
Getino, J.M. *see* Gutierrez, F.J. 6661
Getreu, I., Teegarden, D. An introduction to behavioural modelling 9890
Getreu, I., Teegarden, D. An introduction to behavioural modeling 9892
Getreu, I. *see* Patterson, A. 41566
Getsinger, W.J. An introduction to microwave transmission lines 18953
Getting, I.A. Perspective/navigation—The Global Positioning System 38188
Gettler, M.W., Bayer, R.K., Lippard, D.W. North Anna power station—unit 1. Overview of steam generator replacement project activities 32611
Getty, W.D., Geddes, J.B. Size-scalable, 2.45-GHz electron cyclotron resonance plasma source using permanent magnets and waveguide coupling 42143
Getz, N.H. A perfectly invertible, fast, and complete wavelet transform for finite length sequences: the discrete periodic wavelet transform 17989
Getzinger, J. *see* Shrikhande, N. 5064
Geuer, W. Measures to extend the life time of a lead-acid traction battery 48247
Geurts, J., Ruck, D., Rogers, S., Oxley, M., Barr, D. Autonomous target recognition using remotely sensed surface vibration measurements 5076
Geurts, J. *see* Finders, J. 9634
Geurts, J. *see* Taudt, W. 33609
Geurtz, A. *see* Basso, A. 30082
Geurtz, A.M. Discontinuity preserving optical flow estimation and segmentation 13786
Geus, P.Licio de *see* Licio de Geus, P.
Geusens, P. *see* Wevers, M. 18370
Geuther, H., Mirande, W., Schroder, K.-P. A study of micro-structure edges with atomic force microscopy and implications for optical metrology 31472
Geva, M. *see* Hobson, W.S. 41388
Geva, M. *see* Katz, A. 9547
Geva, M. *see* Katz, A. 9710
Geva, M. *see* Katz, A. 9713
Geva, M. *see* Katz, A. 18136
Geva, M. *see* Katz, A. 42788
Geva, M. *see* Micovic, M. 28808
Geva, M. *see* Ritter, D. 2053
Gevaert, D. *see* Peeters, J. 36261
Gevaert, D. *see* Vanneuville, J. 10219
Gevargiz, J. *see* Vaisnys, A. 38238
Gevel, M.van der *see* van der Gevel, M.
Gevins, A. *see* Le, J. 15839
Gevorgyan, G. *see* Agafonov, A. 46721
Gevorkian, L.P. *see* Alaverdian, R.B. 20962
Gevorkov, A.K. *see* Artiomov, A.S. 46725
Gevorkyan, A.G., Zholnerov, V.S., Basevich, A.B. Ways of improvement of long-term frequency stability of onboard atomic beam frequency standard for GLONASS system 23391
Gevorkyan, A.G. *see* Gouzhva, Y.G. 23402
Gevorkyan, E.V. *see* Balandin, V.A. 6409
Gevorkyan, I.P. *see* Alodzhants, A.P. 12300
Gewirtz, H. *see* Fortin, C. 31907
Geyer, A. *see* Kosslowski, S. 19144
Geyer, H.K. *see* Doss, E.D. 25905
Geyer, H.K. *see* Picologlou, B.F. 25906
Geysen, W. *see* Belmans, R. 44212
Geysen, W. *see* Feng, X. 8327
Geysen, W. *see* Johansson, T.B. 16909
Geysen, W. *see* Shihe, Z. 16812
Geyzers, K.P. *see* Heuken, M. 33608
Geyzers, K.P. *see* Schneider, A. 18217
Gfeller, F.R., Bernasconi, P., Hirt, W., Elisii, C., Weiss, B. Dynamic cell planning for wireless infrared in-house data transmission 45977
Gfirtner, H., Schenk, G., Kropf, F., Wollner, S. Phantoms for computer assisted quality control in diagnostic radiology 24168
Ghadimi, C. *see* Adams, J.W. 27082
Ghadirli, S. *see* Kumar, A. 20332
Ghafir, H.M., Silio, C.B., Jr. Performance analysis of a multiple-access ring network 22578
Ghafoor, A. *see* Miae Woo 37271
Ghafouri-Shiraz, H., Chu, C.Y.J. Analysis of the spectral linewidth of three-cavity semiconductor laser diodes 20774
Ghafouri-Shiraz, H., Lo, B.S.K. Computation of coupling coefficient contours for a five-layer trapezoidal grating structure 35450
Ghafouri-Shiraz, H., Lo, B.S.K. Structural impact on the below-threshold spectral behavior of three-phase-shift (3PS) distributed feedback (DFB) lasers 43879
Ghafouri-Shiraz, H., Tsuji, S. Strain effects on refractive index and confinement factor of $In_xGa_{(1-x)}As$ laser diodes 28856
Ghafouri-Shiraz, H. *see* Chu, C.Y.J. 35787
Ghahghahi, F. *see* Chung, T. 394
Ghahramani, E., Patterson, L.R.B. Scale, translation, and rotation invariant orthonormalized optical/optoelectronic neural networks 20457
Ghahremani, M. *see* Chen, S. 42222
Ghahremani, M. *see* Ho, T. 1582
Ghajar, R., Billinton, R. Comparison of alternative techniques for evaluating the marginal outage costs of generating systems 32296
Ghalamchi, M. *see* Abyaneh, H.A. 8004
Ghamlouch, H. *see* Aubin, M. 6769
Ghan, L.S. *see* Burtt, J.D. 25177
Ghanbari, M., Hughes, C.J. Packing coded video signals into ATM cells 30171
Ghanbari, M., Seferidis, V. Cell-loss concealment in ATM video codecs 6195
Ghanbari, M. *see* da Silva, E.A. 22045
Ghandhi, S.K. *see* Akram, S. 754
Ghandi, K. *see* Hagood, N. 28328
Ghandi, O.P. Numerical methods for dosimetric calculations: ELF to microwave frequencies 47096
Ghandour, O.A., Scarmozzino, R., Osgood, R.M., Jr., Hooper, W.W. Laser-assisted thermally enhanced InP via etching for microwave device applications 34238
Ghanekar, S., Tantaratana, S., Franks, L.E. Design and architecture of multiplier-free FIR filters using periodically time-varying ternary coefficients 1324
Ghannam, M. *see* Demesmaeker, E. 8748
Ghannam, M.Y. *see* Elgamel, H.E. 17381
Ghannouchi, F.M. A calibration and measurement method of a tri-six-port network analyzer suitable for on-wafer characterization of three-port devices 14910
Ghannouchi, F.M. Compact circuit performs swept vector measurements 38658
Ghannouchi, F.M., Beauregard, F., Gouere, F., Toutain, S. Build broadband multilayer multiplexers 14330
Ghannouchi, F.M., Desgagne, M., Xu, Y., Bosisio, R.G. Technique designs wideband unequal power dividers 42155
Ghannouchi, F.M. *see* Kobeissi, H. 19711
Ghannouchi, F.M. *see* Kouki, A.B. 34211
Ghantous, N. *see* Aromin, J. 32316
Gharavi, A.R., McPherson, G.L. Multiple pair up-conversion in Er^{3+} doped crystals of $CsMgCl_3$, $CsMgBr_3$ and $CsCdBr_3$ 20735
Gharbage, B. *see* Pagnier, T. 17368
Gharbage, B. *see* Scotti, C. 1868
Ghareeb, I., Yongacoglu, A. Joint frequency-phase modulation over Rayleigh fading channels 45834
Gharpure, D.C., David, S.K. A new feature extraction technique for detection of defects in microlithography patterns 19684
Gharpure, D.C., David, S.K. Rule based approach for detection of defects in microlithography patterns 28050
Gharpure, D.C. *see* Singh, B.K. 13580
Ghassemlooy, F., Wilson, B., Lok, A. Hybrid pulse time modulation techniques 30795
Ghassemlooy, F. *see* Wilson, B. 30793
Ghassemlooy, Z., Wilson, B. Optical PWM data link for high quality video and audio signals 38073
Ghassemlooy, Z. *see* Issa, A.A. 21485
Ghassemlooy, Z. *see* Parker, B.H. 33975
Ghassemlooy, Z. *see* Wilson, B. 23034
Ghatak, A., Kumar, A. Dispersion and nonlinear effects in optical fibres. A pedagogical account 20331
Ghatak, A.K. *see* Gallawa, R.L. 43404
Ghatak, A.K. *see* Goyal, I.C. 43455
Ghatak, A.K. *see* Kumar, A. 21079
Ghatak, K.P. On the band-tail spreading energy in heavily doped laser diodes under different physical conditions 43891
Ghatak, K.P., Biswas, S.N. A simple theoretical analysis of the gate capacitance of metal-oxide-semiconductor field effect devices of non-parabolic materials in the presence of a parallel magnetic field 42592
Ghatak, K.P., De, B. The diffusivity-mobility ratio under strong magnetic field in III-V superlattices with graded structures 27528
Ghavami, M. A new adaptive recursive delay filter 10297
Ghazaleh, T.A. *see* Sarin, H.K. 10348
Ghazi, R. A microprocessor-based static VAr compensator for voltage regulation, power demand reduction and energy saving in distribution systems 7807
Ghazi, R. A microprocessor—implemented fixed filter-Thyristor controlled reactor compensator for the control of voltage and unbalance 16236
Ghedamsi, A. *see* Gang Luo 30230
Ghen Zhizhang *see* Zhizhang Ghen
Gheorghe, A. Highly parallel signal processing architectures for second level trigger applications 38889
Gheorghe, A. *see* Borer, K. 7221
Ghera, U., Friedman, N., Tur, M. A fiber laser with a comb-like spectrum 28790
Gherardi, L. *see* Malachevsky, M.T. 11521
Gherarducci, F. *see* Bedeschi, F. 38912
Gherbi, R., Parodi, A. Edge-based matching algorithm, applied to stereo pairs and images sequence 13745
Gherghel, M. Photoelectrical interface processes in multilayer-type heterostructures based on silicon, II-VI compounds and photosynthetic pigments 20510
Ghergia, V. New materials for optoelectronic devices 11554
Gheri, G. *see* Guglielmi, M. 1427
Gheri, G. *see* Guglielmi, M. 42166
Gheudin, M. *see* Beaudin, G. 23251
Ghezelayagh, M., Gosbell, V.J. Propagation of harmonics in a multi voltage level power system 7710
Ghezelayagh, M., Gosbell, V.J. Harmonic modelling of distribution feeders (normal and abnormal supply conditions) 7945
Ghezzo, M., Brown, D.M., Downey, E., Kretchmer, J., Kopanski, J.J. Boron-implanted 6H-SiC diodes 2417
Ghiara, T., Liberti, G., Marchesoni, M., Sciutto, G. Study and design of a low cost system to estimate vehicle battery autonomy 48301
Ghiara, T. *see* Bertini, S. 40594
Ghibaudo, G. *see* Balestra, F. 35008
Ghibaudo, G. *see* Bauza, D. 42961
Ghibaudo, G. *see* Brini, J. 28153
Ghibaudo, G. *see* Emrani, A. 19844
Ghibaudo, G. *see* Emrani, A. 35001
Ghibaudo, G. *see* Gigon, F. 1222
Ghibaudo, G. *see* Jomaah, J. 19810
Ghibaudo, G. *see* Moison, B. 10147
Ghibaudo, G. *see* Monserie, C. 1954

Ghibaudo, G. *see* Monserie, C. 43154
Ghibaudo, G. *see* Mounib, A. 19764
Ghibaudo, G. *see* Papadas, C. 2523
Ghibaudo, G. *see* Papadas, C. 27595
Ghibaudo, G. *see* Rais, K. 28260
Ghibaudo, G. *see* Roux-dit-Buisson, O. 19814
Ghiggino, P. *see* Gaibazzi, A. 38088
Ghiglia, D.C., Romero, L.A. Robust two-dimensional weighted and unweighted phase unwrapping that uses fast transforms and iterative methods 36874
Ghigo, A. *see* Bassetti, M. 7055
Ghigo, A. *see* De Simone, S. 15557
Ghio, F. *see* D'Angelo, A. 6943
Ghione, G. A CAD-oriented analytical model for the losses of general asymmetric coplanar lines in hybrid and monolithic MICs 19134
Ghione, G. An efficient, CAD-oriented model for the characteristic parameters of multiconductor buses in high-speed digital GaAs ICs 28236
Ghione, G., Bonani, F., Pirola, M. High-field diffusivity and noise spectra in GaAs MESFETs 28215
Ghione, G., Wang, B., Curow, M. Comments on numerical large-signal simulation of the diffusion noise in GaAs Gunn devices' [and reply] 10455
Ghioni, M. *see* Lacaita, A. 20540
Ghirardi, F., Brandon, J., Carre, M., Bruno, A., Menigaux, L., Carenco, A. Polarization splitter based on modal birefringence in InP/InGaAsP optical waveguides 20371
Ghirardi, F. *see* Bruno, A. 11884
Ghiselli-Crippa, T., El-Jaroudi, A. A fast neural net training algorithm and its application to speech classification 21673
Ghislanzoni, F. *see* Elice, E. 8925
Ghisoni, M., Rivers, A.W., Lee, K., Parry, G., Zhang, X., Staton-Bevan, A., Pate, M., Hill, G., Button, C., Roberts, J.S. Vacancy promoted interdiffusion in quantum wells and applications to optoelectronic devices 1921
Ghita, C. The capacitative compensation of the three-phase channel induction furnace asymmetries 33148
Ghita, C. On the fluctuating power within the three-phase systems 39468
Ghita, T. Some theoretical and electric calculation aspects concerning the high frequency symmetrical coaxial cables 30593
Ghitani, H.E. Influence of dislocations on dark current of multicrystalline silicon N^+ P junction 10698
Ghitani, H.El. Influence of dislocations on photovoltaic properties of multicrystalline silicon solar cells 17397
Ghiti, A., O'Reilly, E.P. Antimony-based strained-layer 2-2.5 μm quantum well lasers 3598
Ghitza, O. Auditory models and human performance in tasks related to speech coding and speech recognition 36618
Gho, S. *see* Park, S. 3353
Ghofrani, M. *see* Britcher, C.P. 4021
Ghomi, M., Lejay, B., Amalric, J.L., Baudrand, H. Radiation characteristics of uniform and nonuniform dielectric leaky-wave antennas 29337
Ghoniemy, S., Bahgat, S.F. Rate distortion function for nth-order Gaussian Markov process 12793
Ghoniemy, S. *see* El Rayess, D.M. 29781
Ghosal, D. *see* Mukherjee, S. 22533
Ghosal, D. *see* Tsong-Ho Wu 37261
Ghosal, S., Mehrotra, R. Segmentation of range images: an orthogonal moment-based integrated approach 22034
Ghosal, S., Mehrotra, R. A novel region-based technique for range image segmentation 36957
Ghosal, S., Mehrotra, R. Detection of composite edges 37023
Ghose, D. True proportional navigation with maneuvering target 39444
Ghose, D. On the generalization of true proportional navigation 47319
Ghose, K. Performance potentials of an optical fiber bus using wavelength division multiplexing 5965
Ghose, K., Dharmaraj, V.A. Response pipelined CAM chips: the first generation and beyond 41897
Ghose, K., Singhvi, N.K., Horsell, R.K. The role of WDM optical interconnections in a distributed shared memory multiprocessor 5966
Ghose, S. *see* Vinod, V.V. 22173
Ghosh, A., Gulati, S.T. Strength/flaw relationship for CRT panel glass (alkali strontium silicate glass) 27439
Ghosh, A. *see* Kuo, Y. 28177
Ghosh, A. *see* Maani, G. 8799
Ghosh, A. *see* Shen, A. 26874
Ghosh, A.K. *see* Beech, R.S. 3368
Ghosh, A.K. *see* De, S.S. 42412
Ghosh, A.K. *see* De, S.S. 42428
Ghosh, A.K. *see* Haware, S.K. 16619
Ghosh, D., Daly, J.C. A self routing crossbar switch for multiple channel delta networks 14359
Ghosh, D., Nandy, S.K., Parthasarathy, K. TWTXBB: a low latency, high throughput multiplier architecture using a new 4→2 compressor 41814
Ghosh, D., Sural, S., Nandy, S.K. A 600 MHz half-bit level pipelined multiplier macrocell 41815
Ghosh, D. *see* Bhattacharya, K. 8344
Ghosh, D.K. *see* Samanta, L.K. 25679
Ghosh, G. *see* Nag, B.R. 42192
Ghosh, I., Majumdar, B. Design of an application specific VLSI chip for image rotation 41949
Ghosh, J., Beck, S., Chen-Chau Chu Evidence combination techniques for robust classification of short-duration oceanic signals 38170
Ghosh, J., Gangishetti, N.V., Chakravarthy, S.V. Robust classification of variable length sonar sequences 30925
Ghosh, J., Gangishetti, N.V., Chakravarthy, S.V. Robust classification of variable length sonar sequences 30932
Ghosh, J., Lacour, P., Jackson, S. OTA-based neural network architectures with on-chip tuning of synapses 34208
Ghosh, J., LaCour, P., Jackson, S. OTA based neural network architectures with on-chip tuning of synapses 42117
Ghosh, J., Varma, A., Krishnamurthy, N. Distributed control schemes for fast arbitration in large crossbar networks 45295
Ghosh, J. *see* Acton, S.T. 26326
Ghosh, J. *see* Beck, S. 4597
Ghosh, K. Present and future applications of phase shifters in a large power transmission network 32324
Ghosh, M. *see* Jianping Xi 33058
Ghosh, N. *see* Dam, B. 45682
Ghosh, P. *see* Mukhopadhyay, S. 20450
Ghosh, P.K., Chattopadhyay, D. Low-temperature galvanomagnetic transport of the two-dimensional electron gas in GaAs quantum wells 27520
Ghosh, P.K., Haralick, R.M. Mathematical morphology of three-dimensional objects: the slope diagrammatic approach 36864
Ghosh, P.S. *see* Samanta, L.K. 25679
Ghosh, S., Karaata, M.H. A self-stabilizing algorithm for coloring planar graphs 9402
Ghosh, S., Kumar, V. Stretched exponential relaxation of persistent photoconductivity due to the Si-related DX centre in $Al_xGa_{1-x}As$ 28591
Ghosh, S., Mallett, R.L. Voronoi cell finite elements 33569
Ghosh, S. *see* Chai, A. 5591
Ghosh, S. *see* Fortuna, G. 6906
Ghosh, S. *see* Sinha, A.K. 24117
Ghosh, S.K. *see* Singh, B. 41013
Ghoshal, K., Douglas, L.D. GUI display guidelines drive winning SCADA projects 47418
Ghoshal, K., Shoults, R. Application of programmable logic controllers in electric power distribution automation 7875
Ghoshal, S.K. *see* Giri, A. 42061
Ghoshal, U., Hebert, D., Van Duzer, T. Josephson-CMOS memories 26956
Ghots, S.S. *see* Bakhtizin, R.Z. 19286
Ghriga, M., Frankl, P.G. Adaptive testing of non-deterministic communication protocols 30240
Ghuravel, A.M. *see* Leyzerovich, A.Sh. 32688
Ghy-Boong Hong *see* Ugajin, M. 42874
Gi Choi Mun *see* Mun Gi Choi
Gi Kang Moon *see* Moon Gi Kang
Gi Kim Min *see* Min Gi Kim
Gi Ko Chul *see* Chul Gi Ko
Gi Lee Byeong *see* Byeong Gi Lee
Gi O Jeong, Kyung Taek Chung, Hae Seok Oh, Chul Hee Lee A system for lung nodule detection in chest X-rays 31831
Gi Paek Eung *see* Eung Gi Paek
Gi-Han Ryu, Cheon-Hee Yi Design of the high density BiCMOS 64M DRAM cell structure 41887
Giacobbe, B. *see* Bertin, A. 31795
Giacobino, E. *see* Debuisschert, T. 3814
Giacometti, J.A. *see* Altafim, R.A.C. 43168
Giacometti, J.A. *see* Alves, N. 43173
Giacometti, J.A. *see* Campos, J.S.C. 35132
Giacometti, J.A. *see* Zanin, M. 35170
Giacomino, G. *see* Garbe, G. 7691
Giacomo, M.Di *see* Di Giacomo, M.
Giaconia, C. *see* Arnone, C. 34458
Giadrossi, G., Menis, R., Tosato, F. Sliding-mode control of electric drives including elastic coupling in industrial applications 8804
Giaeve, I., Keese, C.R. A morphological biosensor for mammalian cells 31323
Gialas, I. *see* Bernstein, A. 31661
Gialas, I. *see* Wang, M.-Z. 31689
Gialelis, J.B., Karagianidis, G.K., Kapsalis, V.D., Prentzas, L.K., Georgopoulos, C.J. ISDN-to-infrared link interface 5600
Giambene, G. *see* Del Re, E. 45890
Giambiasi, N. *see* Santucci, J.F. 18605
Giamniadakis, J. *see* Jagd, A. 14183
Giamniadakis, J.S. *see* Bakouris, M.G. 13978
Giamonna, L. *see* Gruhlke, R. 35933
Gianakis, G.B., Dandawate, A.V. Consistent *k*th-order time-frequency representations for (almost) cyclostationary signals 13319
Gianakos, N., Johnson, R. Evaluating complex commercial DSM projects 7764
Giancristofaro, D. *see* Ananasso, F. 30665
Gianello, G. *see* Iannone, E. 37987
Gianenetti, F. *see* Colzi, E. 37085
Gianfelice-Wendt, E. *see* Barber, D.P. 31578
Gianino, P.D., Woods, C.L. General treatment of spatial light modulator dead-zone effects on optical correlation. I. Computer simulations 21916
Gianino, P.D., Woods, C.L. General treatment of spatial light modulator dead-zone effects on optical correlation. II. Mathematical analysis 21917
Giannakis, G.B., Zhou, G., Tsatanis, M.K. On blind channel estimation with periodic misses and equalization of periodically varying channels 22915
Giannakis, G.B. *see* Dandawate, A.V. 23111
Giannakis, G.B. *see* Dandawate, A.V. 44851
Giannakis, G.B. *see* Dandawate, A.V. 44937
Giannakis, G.B. *see* Mullins, C.F. 29607
Giannakis, G.B. *see* Shamsunder, S. 4718
Giannakis, G.B. *see* Tsatsanis, M.K. 13373
Giannakis, G.B. *see* Tsatsanis, M.K. 13444
Giannakis, G.B. *see* Tsatsanis, M.K. 21894
Giannakis, G.B. *see* Tsatsanis, M.K. 44976
Giannakis, G.B. *see* Zhou, G. 4725
Giannakis, G.B. *see* Zhou, G. 45143
Giannakopoulos, G.B. *see* Georgantzis, G.J. 7922
Giannelis, E.P., Shacham-Diamand, Y.Y. Spin-on films add new dimension to ULSI circuits 28227
Giannelis, E.P. *see* Shacham-Diamand, Y. 783
Giannessi, L. *see* Ciocci, F. 10626
Giannessi, L. *see* Ciocci, F. 28895
Giannessi, L. *see* Ciocci, F. 44003
Giannessi, L. *see* Dattoli, G. 3692
Giannessi, L. *see* Dattoli, G. 20919
Giannetas, B. *see* Persephonis, P. 11983
Giannetas, B.G. *see* Persephonis, P. 35676
Giannetti, F. *see* De Gaudenzi, R. 46175
Giannini, C. *see* Derrien, J. 18145
Giannini, F., Leuzzi, G., Kopanski, M., Salmer, G. Large-signal analysis of quasi-2D physical model of MESFETs 1555
Giannini, F., Leuzzi, G., Limiti, E., Scucchia, L. Design-oriented non-linear analysis of class-AB power amplifiers 1073
Giannini, F., Leuzzi, G., Limiti, E., Scucchia, L. Optimization of class AB and B narrowband power amplifiers 10458
Giannini, F. *see* Bartolucci, G. 21354
Giannini, G. *see* Bocchetti, G. 17529
Giannone, C. *see* de Cabrejas, M.L. 24184
Gianotti, P. *see* Antonelli, A. 24054
Giantin, R. *see* Antonelli, A. 24054
Giantin, R. *see* Gasparini, F. 7223
Giapis, K.P. *see* Nakano, T. 27732
Giardoni, M. *see* Bianco, S. 31711
Giardoni, M. *see* Sarwar, S. 31698
Giarola, A.J. *see* Crisostomo, J. 29266
Gibb, W.H. *see* Jones, A.R. 39943
Gibb, W.J., Auslander, D.M., Griffin, J.C. Selection of myocardial electrogram features for use by implantable devices 24269
Gibbard, B. Run control and resource management in the D0 run time system 38895
Gibbard, H.F. Nickel metal hydride battery applications 40444
Gibbard, M.R., Morrison, G., Sesay, A., Fattouche, M. Broadband TDMA over the indoor radio channel 37716
Gibbins, C.J. Millimetre-wave propagation studies over a 500 m path 36193
Gibbins, D. *see* Chojnacki, W. 4966
Gibbon, M., Thompson, G.H.B., Boyle, D., Stagg, J.P., Patel, B., Moule, D.J., Wheeler, S., Rogers, C.B., Thrush, E.J., Warbrick, K., Gurton, P. High-speed electroabsorption modulator monolithically integrated with a 2XA/8 DFB laser and back monitor by selective area MOVPE 35489
Gibbon, M.A. *see* Thrush, E.J. 9630
Gibbons, A. *see* Czumaj, A. 18026
Gibbons, D.W., Gregg, K.J. Closed cycle aluminum/oxygen fuel cell with increased mission duration 17309
Gibbons, D.W. *see* Rudd, E.J. 33011
Gibbons, E.P. *see* Anderson, R.J. 15460
Gibbons, J.F. *see* Welser, J. 19864
Gibbons, J.F. *see* Welser, J. 42989
Gibbons, W. EMC standards update 36238
Gibbs, H.M. *see* Boggavarapu, D. 12249
Gibbs, H.M. *see* Lee, S.G. 28984
Gibbs, J. *see* O'Shea, M.E. 16367
Gibiat, V. From order to disorder an approach of chaos in musical signal 13400
Gibin, I.S. Optoelectronic image processors 35522
Gibler, W.N. *see* Atkins, R.A. 46469
Gibo, N. *see* Senjyu, T. 16175
Gibo, N. *see* Senjyu, T. 24750
Giboney, K.S. *see* Yih-Guei Wey 43638
Gibrekhterman, A. *see* Chechik, R. 46868
Gibrekhterman, A. *see* Lifshitz, Y. 33334
Gibson, A.A.P. *see* Dillon, B.M. 1431
Gibson, A.A.P. *see* Dillon, B.M. 44539
Gibson, A.A.P. *see* Dillon, M.B. 4217
Gibson, A.J., Arnett, L. Statistical modelling of spectrum occupancy 21459
Gibson, B. *see* Casson, K. 1766
Gibson, D. *see* Tomlinson, C. 37325
Gibson, D. *see* Vartanian, M. 27995
Gibson, D.V., Ney, M.M. Scattering upon a mixed dielectric-conductor body: a time-domain approach 44317
Gibson, F.W. *see* Nguyen, G.P. 381

Gibson, F.W. *see* Nguyen, G.P. 19239
Gibson, F.W. *see* Nguyen, G.P. 34422
Gibson, G., Kita, H., Hasegawa, J., Nishiya, K. The application of fuzzy theory of generating unit scheduling problems in power systems 8139
Gibson, G., Kita, H., Nishiya, K., Hasegawa, J. Thermal power station maintenance scheduling based on fuzzy theory 25216
Gibson, G.A. *see* Lange, D.A. 41277
Gibson, H.M., Rosenblatt, J.A. Influence of various PCS spectrum allocation schemes on the ability to share spectrum with incumbent microwave users in the 1850-1990 MHz band 46161
Gibson, I.S. Teaching engineering design through project management 228
Gibson, J.D. A bound on the rate of a system for encoding an unknown Gaussian autoregressive source 44718
Gibson, J.E. *see* Mathieu, R.G. 202
Gibson, J.M. *see* Miller, P.D. 27911
Gibson, J.P. *see* Wardle, D.G. 25264
Gibson, M.A. *see* Lee, R.B., III 23617
Gibson, M.D. *see* Foster, B. 31714
Gibson, N. Electrostatic ignition risk in powder processing 33769
Gibson, N.M. *see* Phoenix, R.G. 24274
Gibson, R.A.G. *see* Hajto, J. 27584
Gibson, R.A.G. *see* Hajto, J. 27608
Gibson, R.A.G. *see* Hajto, J. 27611
Gibson, R.A.G. *see* Holmes, A.J. 27117
Gibson, R.A.G. *see* Snell, A.J. 27610
Gibson, R.J. *see* Eron, M. 19093
Gibson, W.G.R., Cobbold, R.S.C., Foster, F.S. Ultrasonic fields of a convex semispherical transducer 16039
Giczi, I. *see* Balazs, J. 11671
Giczi, I. *see* Reti, I. 15082
Giddy, D. A Virtual Associated Signalling Network for the ATM environment 37124
Giddy, D. *see* Palmer, R. 30531
Gidh, K., Hanyak, M.E., Jr. A thermodynamics teaching aid for undergraduate engineers 121
Gidney, E. *see* Chandler, A. 38349
Gidron, R., Acampora, A.S. A user tunable access lightwave network 6076
Giebeler, W. *see* Dauk, J. 15315
Giehmann, L. *see* Gladisch, A. 6032
Gielen, G., Wambacq, P., Sansen, W.M. Symbolic analysis methods and applications for analog circuits: a tutorial overview 33835
Gielisse, P.J., Niculescu, H., Chen, K.L. Evaluating shear and peel stress in multichip module configurations 17869
Gier, O. Analogue/digital oscilloscopes maintain their place 6683
Gierak, J. *see* Ben Assayag, G. 27651
Gierak, J. *see* Hoffmann, P. 19697
Gieras, J.F., Carter, D. Computation of temperature distribution in the longitudinal section of a single-sided linear induction motor 40211
Gieras, J.F., Hartzenberg, P.D., Magura, I.J., Wing, M. Control of an elevator drive with a single-sided linear induction motor 17540
Gieras, J.F., Hartzenberg, P.D., Magura, I.J., Wing, M. Application of a single-sided linear induction motor to elevator 40629
Gieras, J.F. *see* Roeber, J.E. 48153
Gieras, J.F. *see* Wing, M. 47898
Gierczak, E., Mendrela, E.A., Mendrela, E.M. Calculation of an electromagnetic field in a three-phase induction pump with a compensating winding 4025
Gierlotka, S. *see* Piotrowska, A. 34846
Gierman, S.M. *see* Nguyen, D.C. 43972
Gierman, S.M. *see* Sheffield, R.L. 44008
Giers, C. *see* Martin, R.W. 28849
Giersig, M. *see* Kornowski, A. 26390
Giesbrecht, J. *see* McLaren, P.G. 32495
Gieschen, N. *see* Gladisch, A. 6032
Giese, B.S., Soderstrand, M.A. Techniques for VLSI design of pipelined IIR digital filters 27070
Giese, K. Presspan high voltage insulators of high purity 47549
Giese, R.F., Runde, M. Assessment study of superconducting fault-current limiters operating at 77 K 25043
Giese, R.F., Runde, M. Assessment of the impact of HTSCs on superconducting fault-current limiters 32496
Giesen, A. *see* Grunewald, K. 11963
Giesen, A. *see* Paul, R. 11964
Giessibl, H. Power testing—static and dynamic parameter in one handling 28110
Giffard, B. *see* Balestra, F. 35008
Giffard, R.P., Cutler, L.S. A low-frequency high resolution digital synthesizer 23397
Giffard, R.P. *see* Cutler, L.S. 23392
Gifford, C.R. *see* Dukes, E.C. 31693
Gifford, D. JVC's W-VHS VTR, monitor, tape put affordable HDTV recording within reach 38353
Gifford, K.D., Al-Shareef, H.N., Rou, S.H., Hren, P.D., Auciello, O., Kingon, A.I. Microstructure and electrical properties of very thin PZT films deposited by in-situ ion beam sputtering 11369
Gifford, K.D. *see* Al-Shareef, H.N. 34293
Gifford, P.R. *see* Ovshinsky, S.R. 48332
Gigch, J.M.Van *see* Van Gigch, J.M.
Giger, M.L., Yin, F.-F., Doi, K., Wu, Y., Vyborny, C.J., Schmidt, R.A., Huo, Z. Computerized detection and characterization of mass lesions in digital mammography 24235
Giger, M.L. *see* Nishikawa, R.M. 24237
Gigler, J. *see* Biri, J. 46996
Giglioli, R., Ceraolo, M., Buonarota, A., Menga, P., Scarioni, V. An electric dynamic model of sodium sulphur batteries suitable for power system simulations 48308
Giglioli, R., Salutari, R., Zini, G., Conte, M. Experience on a battery state of charge observer 48309
Giglioli, R. *see* Ceraolo, M. 48417
Giglmayr, J. Elements of compact architectures for photonic switching 3271
Giglmayr, J. Comparison of regular 3-D interconnections 11730
Giglmayr, J. Selfrouting in multistage networks based on nearest-neighbour interconnects 30253
Gigon, F., Papadas, C., Ghibaudo, G., Pananakakis, G., Mortini, P. Reliability simulations of the endurance performance of FLOTOX EEPROM cells using SPICE 1222
Giguet, E. *see* Alberti, S. 3405
Giguet, E. *see* Rullier, J.L. 43694
Gih-Guang Hung, Yen-Cheng Wen, Gallivan, K.A., Saleh, R.A. Improving the performance of parallel relaxation-based circuit simulators 26571
Gijbels, R. *see* Luyten, W. 33632
Gijbels, R. *see* Volkov, V.V. 11134
Gijsbertsen, J.G. *see* le Grand, J.B. 24051
Gil, B. *see* Bigenwald, P. 42422
Gil, B. *see* Briot, O. 26457
Gil, B. *see* Cloitre, T. 9526
Gil, B. *see* Cloitre, T. 9636
Gil, J.J. *see* Leon, G. 30578
Gil, J.M., Zapata, J. Efficient singular element for finite element analysis of quasi-TEM transmission lines and waveguides with sharp metal edges 36328
Gil, R.V. *see* Irvine, S.J.C. 41297
Gil Kim Dong *see* Dong Gil Kim
Gil Lee Sang *see* Sang Gil Lee
Gil Sang Keun *see* Sang Keun Gil
Gil-Berlinches, J. *see* Pettigrew, R.D. 32515
Gilabert, A. *see* Aboudihab, I. 31239
Gilany, M.I., Malik, O.P., Hope, G.S. A microprocessor-based relay for parallel transmission lines 32419
Gilardi, C. *see* Carosi, M. 22940
Gilb, J.P.K., Balanis, C.A. Improved performance of microstrip couplers through multi-layer substrates 27159
Gilb, J.P.K., Balanis, C.A. Wide-band reduction of coupling and pulse distortion in multi-conductor integrated circuit lines 42326
Gilb, J.P.K. *see* Lyons, M.R. 19135
Gilbert, A.T. *see* Rehn, R.L. 48414
Gilbert, B. Translinear circuits—25 years on. II 1008
Gilbert, B. Translinear circuits—25 years on. III. Developments 26665
Gilbert, B. *see* Blatt, J.H. 6790
Gilbert, B. *see* Pan, G.W. 4172
Gilbert, B. *see* Randall, B. 391
Gilbert, B. *see* Scalf, B. 7877
Gilbert, B.K., Pan, G.W. Signal processors operating at clock rates above 200 MHz 41921
Gilbert, D. *see* Lau, J. 42285
Gilbert, D. *see* Singh, R.K. 857
Gilbert, D.B. *see* Abeles, J.H. 20863
Gilbert, E.N. Increased information rate by oversampling 44641
Gilbert, H. *see* Baritaud, T. 12931
Gilbert, J. *see* Huloux, H. 30563
Gilbert, J.G., Diehl, G.R. Application of programmable logic controllers to substation control and protection 48032
Gilbert, J.R. Technology and interconnect simulation for high-speed multi-chip modules 17904
Gilbert, M. *see* Crabbe, E. 19072
Gilbert, P.R. Polymeric insulators for MV cable to overhead line connection 16417
Gilbert, R.A. *see* Eyink, K.G. 33603
Gilbert, R.L. Design consideration of no clean fluxes used to eliminate CFC cleaning and reduce VOC emissions 34365
Gilbert, S. *see* Cronstrom, H. 31804
Gilbert, S.L. Frequency stabilization of a fiber laser to rubidium: a high-accuracy 1.53 μm wavelength standard 3555
Gilboa, P. Visor projected display using a spherical combiner 47203
Gilchrist, H. *see* Ramesh, R. 11372
Gilchrist, H. *see* Ramesh, R. 35136
Gildenblat, G.S. *see* Grot, S.A. 10910
Gildenhuys, B.J.F. The design of an N×64k data transmission system based on multiple parallel ISDN U-interfaces 14291
Gildersleve, J.Q. *see* Evans, P.M. 7463
Gilding, B.H. *see* Pruis, G.W. 31937
Giles, C.R., Presby, H.M., Nykolak, G., Kramer, S., DiGiovanni, D.J. Amplification in 'few-mode' Er^{3+}-doped fiber amplifiers 3504
Giles, C.R. *see* Hansen, P.B. 37985
Giles, G. *see* Bruce, W.C. 10204
Giles, J.A. *see* Wong, J.K. 17992
Giles, L.F., Marsh, C.D., Nejim, A., Hemment, P.L.F., Booker, G.R. Crystallographic defect studies in SIMOX material thinned by sacrificial oxidation 34612
Giles, L.F., Nejim, A., Hemment, P.L.F. A new chemical etch for defects studies in very thin film (<1000 Å) SIMOX material 10888
Giles, L.F. *see* Nejim, A. 34613
Giles, M.D., Boning, D.S., Chin, G.R., Dietrich, W.C., Jr., Karasick, M.S., Law, M.E., Mozumder, P.K., Nackman, L.R., Rajan, V.T., Walker, D.M.H., Wang, R.H., Wong, A.S. Semiconductor wafer representation for TCAD 28245
Giles, M.K. *see* Clark, N. 15710
Giles, R. *see* Hong Fu 43562
Giles, R.H. *see* Woskov, P.P. 38661
Gilet, J.M. *see* Gartsman, K. 1948
Gilewicz, B., Owczarski, T., Turowska-Majewska, I. Microcomputer control of an equipment for milling rotors of electric motors 48157
Gilewicz, M. Control circuit of IGBT transistors in direct frequency converter 8617
Gilewicz, M., Sakowicz, S. Switch mode power supply for power electronics 41639
Gilfedder, T.H., Jones, B.K. Computer simulation of fast electromigration lifetime determination techniques 19636
Gilg, A., Schmidt, G. Landmark-oriented visual navigation of a mobile robot 15078
Gilgen, H.H., Gisin, N., Pelayo, J., Villuendas, F., Burgmeijer, J.W., Vobian, J., Ropke, U., Bonnedal, D., Kiiveri, P., Walker, B. Measurements on birefringent fibres: COST 217 interlaboratory measurement campaign 3079
Gilgen, H.H. *see* Buczek, H. 11625
Gilgen, H.H. *see* Limberger, H.G. 28473
Gilgenbach, R.M. *see* Lash, J.S. 12503
Gilhousen, K.S. *see* Viterbi, A.J. 45853
Giling, L.J. *see* Bauhuis, G.J. 27478
Giling, L.J. *see* Thomeer, R.A.J. 41267
Gilinskii, A.M. *see* Bolkhovityanov, Yu.B. 27486
Gilitskii, Yu.V., Denisov, S.P., Dushkin, A.Yu., Kotov, I.V., Kochetkov, V.I., Mikhailov, Yu.V., Mukhin, S.A., Onuchin, V.A., Soldatov, A.P., Spiridonov, A.A., Struzdyumov, D.Yu., Sytnik, V.V., Fedyakin, N.N., Shein, I.V., Shestermanov, K.E. Hadron gas ionization calorimeter 46921
Gilitsky, Yu. *see* Denisov, S. 31708
Gilkes, K.W.R. *see* Veerasamy, V.S. 27647
Gilkey, R.H. *see* Good, M.D. 4781
Gill, D. *see* Cosmas, J.P. 5799
Gill, D.M. *see* Svensson, S.P. 42457
Gill, D.S. *see* Eason, R.W. 18260
Gill, E.W. *see* Khan, R.H. 23181
Gill, G.S., Ohrt, M.P.A. Simulation in the teaching of radar signal processing 26103
Gill, J. *see* Xia, R. 24300
Gill, M., Woster, E. The in-fab SEM/EDX integration challenge 33414
Gill, M.C., Sabel, L.P. On the use of interpolation in digital demodulators 18532
Gill, P. *see* Barwood, G.P. 6296
Gill, P. *see* Barwood, G.P. 6297
Gill, P. *see* Barwood, G.P. 6798
Gill, R.E. *see* Malliaras, G.G. 28611
Gill, R.E. *see* Malliaras, G.G. 43652
Gill, R.L. *see* Joshi, P.K. 7209
Gill, S.S. *see* Ahmad, T. 2461
Gill, S.S. *see* Henry, B.M. 2456
Gill, W.N. *see* Do-Heyoung Kim 2253
Gill, W.N. *see* Do-Heyoung Kim 26505
Gillam, D.E. Fiber optics is a viable communications solution [for electric utilities] 7755
Gilland, D.R., Jaszczak, R.J., Bowsher, J.E., Turkington, T.G., Liang, Z., Greer, K.L., Coleman, R.E. Quantitative SPECT brain imaging: effects of attenuation and detector response 7357
Gilland, D.R. *see* Turkington, T.G. 15751
Gilland, D.R. *see* Wang, H. 15762
Gillen, T. *see* Petersen, J. 5147
Gilleo, K. The SMT chip carrier: enabling technology for the MCM 33390
Gilleo, K. Intrinsically clean polymer bonding: what are the trade-offs? 33767
Gilleo, K., Cinque, T., Corbett, S., Lee, C. Thermoplastic adhesives—the attachment solution for multichip modules 366
Gilleo, K. *see* Loo, M.C. 17874
Giller, G. *see* Mizuguchi, J. 20289
Gilleron, M. *see* Blez, M. 12152
Gilles, D. Mechanisms of transition-element-gettering in silicon 2010
Gilles, D. Mechanisms of transition metal gettering in silicon 19480
Gilles, H. *see* Cheron, B. 43769
Gilles, J. *see* Zahorski, D. 11282
Gillespie, A. *see* Cornford, J. 6237
Gillespie, G.H. The Shell for Particle Accelerator Related Codes (SPARC): a unique graphical user interface 46772
Gillespie, W.A. *see* van der Geer, C.A.J. 15391
Gillett, J.B. New packaging challenges posed by high-power CMOS 329
Gillham, J.P. *see* Watton, R. 31282
Gilli, M. Strange attractors in delayed cellular neural networks 27113
Gilli, M. *see* Civalleri, P.P. 1370
Gilli, M. *see* Daniele, V. 44439
Gillian, W.F. *see* Chen, Z.W. 17224
Gillibert, A. *see* Mittig, W. 21174

Gillick, D. *see* Schoenenberger, J. 14474
Gillick, M., Robertson, I.D., Joshi, J.S. Design analysis and fabrication of lumped-distributed branch-line couplers for coplanar waveguide MMICs 1588
Gillick, M., Robertson, I.D., Joshi, J.S. An analytical method for direct calculation of E and H-field patterns of conductor-backed coplanar waveguides 21358
Gillick, M., Robertson, I.D., Joshi, J.S. CPW two-stage balanced monolithic 15 GHz amplifier using reduced-size branchline couplers 27294
Gillick, M. *see* Robertson, I.D. 27215
Gillie, W. *see* Hsieh, R.C. 38011
Gillies, B.A., O'Brien, P.F., McVittie, R., McParland, C., Easton, H. Engineering modifications for dynamic stereotactically assisted radiotherapy 15905
Gillies, G.T., Ritter, R.C., Broaddus, W.C., Grady, M.S., Howard, M.A., III, McNeil, R.G. Magnetic manipulation instrumentation for medical physics research 47114
Gillies, G.T. *see* Allison, S.W. 43439
Gilliland, G.D. *see* Wolford, D.J. 34583
Gillin, W.P. *see* Kozanecki, A. 19375
Gillis, P. *see* Chang, F.L. 30418
Gillitzer, A. *see* Friese, J. 7193
Gillitzer, A. *see* Friese, J. 7274
Gillman, A. *see* Eisenhandler, E. 15665
Gillman, A. *see* Ellis, N. 38927
Gillner, L. Properties of optical switching networks with passive or active space switches 5162
Gilloire, A. *see* Petillon, T. 13393
Gillot, C., Michenaud, J.P. Electrical conductivity of similarly doped $BaTiO_3$ single crystals and ceramics in the rhombohedral phase 34526
Gillum, W.O., Walters, R.A., Barley, T.D., Ernst, E.M. Replacement of chlorinated solvents for defluxing surface mount hybrids and PWBs with an environmentally sound alternative 34425
Gilmartin, H.R. *see* Meyerhofer, D. 23598
Gilmer, G.H. *see* Kopf, R.F. 18178
Gilmer, J.M., Miller, W.G., Miles, M.M. Hydraulic and thermal performance assessment of cooling water systems at E.I. Hatch Nuclear Plant 32579
Gilmore, J.F. COSTAR optical bench CTE testing 47184
Gilmore, R. *see* Follett, D. 37309
Gilmore, R.J., Follett, D., Turner, C. Developing international ATM services in Asia-Pacific 13979
Gilmore, W.E. *see* Beare, A.N. 39905
Gilo, M. *see* Eyal, O. 46660
Gilpatrick, J.D. *see* Johnson, K.F. 23986
Gilreath, M.C. *see* Darden, W.H. 4302
Gils, M.J.Van *see* Van Gils, M.J.
Gilsdorf, R.W., Schulz, G. Latent failure mechanism of power die bonded to thickfilm gold on BeO 19263
Gilsig, T. M3i MOSAIC system for large area screen information displays 38623
Gilyarov, O.N. *see* Dyachenko, P.P. 20660
Gim Ching, J.Ang *see* Ang Gim Ching, J.
Gimbel, J., Kratsch, D., Stewart, L. On cocolourings and cochromatic numbers of graphs 41061
Gimenez, G., Cachard, C., Vray, D. Use of the instantaneous frequency to investigate the time-dependent velocity of a continuously insonified target 14730
Gimenez, G. *see* Dalachartre, P. 14720
Gimenez, G. *see* Dautraix, I. 7414
Gimenez, G. *see* Devevey, C. 7402
Gimenez, G. *see* Porti, J.A. 44606
Gimenez, G. *see* Vray, D. 16090
Gimeno, B., Marquina, J.L., Navasquillo, J., Pomer, F. Electromagnetic scattering by a strip grating with nonplanar illumination 12574
Gimeno, B. *see* Navarro, E.A. 36310
Gimeno, B. *see* Navarro, E.A. 42168
Gimeno, B. *see* Navarro, E.A. 44506
Gimignani, M. *see* Cardelli, E. 44244
Gimpilevich, Yu.B., Tsarik, Yu.I. Optimisation of procedures for the measurement and calibration of in-built microwave circuit analysers 46337
Ginder, W.J. *see* Cutler, R.T. 23484
Gindi, G., Rangarajan, A., Lee, M., Hong, P.J., Zubal, I.G. Bayesian reconstruction for emission tomography via deterministic annealing 39025
Gindi, G. *see* Lee, M. 39012
Giner, J. *see* Sarangapani, S. 17302
Ginestel-Mailland, A.de *see* de Ginestel-Mailland, A.
Ginetti, A. *see* Brasen, D. 34013
Ginetti, A. *see* Mahmood, M. 969
Ginetti, A. *see* Sharma, B. 33847
Gingerich, M.E. *see* Friebele, E.J. 5944
Gingerich, M.E. *see* Griscom, D.L. 43425
Gingerich, M.E. *see* Williams, G.M. 3541
Gingold, E.L. *see* Hasegawa, B.H. 15761
Gingras, D. *see* Bergeron, A. 43572
Gingras, D.F. Robust broadband matched-field processing: performance in shallow water 4667
Gingras, D.J. *see* Bergeron, A. 12429
Gingras, R.L., Drubin, C., Cole, B., Stacey, W., Pavio, R., Wolverton, J., Yngvesson, K.S. A quasioptical monolithic monopulse receiver array 23177
Gingrich, D. *see* Butterworth, J. 38932
Gini, A. *see* Squillace, M. 25814
Giniewicz, J.R. *see* Wang, J.F. 11363
Ginige, T. *see* Richards, A. 14166
Ginige, T. *see* Seneviratne, A. 13917
Giniyatullin, M.M. *see* Chabdarov, Sh.M. 36901
Ginley, D.S., Ashby, C.I.H., Plut, T.A., Urea, D., Siegal, M.P., Martens, J.S. Di- and tricarboxylic-acid-based etches for processing high temperature superconducting thin films 2864
Ginn, P.H. *see* Elsherbeni, A.Z. 40835
Ginoudi, A. *see* Paloura, E.C. 9580
Ginsberg, D.M. *see* Wollman, D.A. 2869
Ginsburg, E.J. *see* Silence, S.M. 20235
Ginzberg, L.P., Gordeev, A.A., Gorchakov, A.P., Zhilinskii, A.P. Influence of mechanical stress on broadband luminescence in optical fibers 11605
Ginzburg, I.F., Kotkin, G.L., Polityko, S.I., Serbo, V.G. Coherent bremsstrahlung at the HERA collider 15573
Ginzburg, L.P., Gordeev, A.A., Gorchakov, A.P., Zhilinskii, A.P. Kinetic characteristics of broadband luminescence in germanosilicate light guides 11604
Ginzburg, N.S., Peskov, N.Yu., Sergeev, A.S. Spatial synchronization of radiation of wide ribbon electron beams in a linear accelerator with two-dimensional distributed feedback 38795
Ginzburg, N.S., Sergeev, A.S., Shapiro, M.A. Linear theory of radiation channeling in free-electron lasers with oversized planar and diaphragmmed waveguides 35909
Ginzburg, N.S., Shalaginov, S.L. Amplification of multifrequency signals in microwave devices with curvilinear beams in the tangency regime of the dispersion characteristics, corresponding to electron and electromagnetic waves 1789
Ginzburg, V.M., Keratishvili, N.G., Korzhenevich, E.L., Lunev, G.V., Penin, A.N., Sapritsky, V.I. Absolute meter of photodetector quantum efficiency based on the parametric down-conversion effect 15033
Ginzburg, V.M., Keratishvili, N.G., Korzhenevich, Ye.L., Lunev, G.V., Penin, A.N. Absolute measurement of quantum efficiency based on parametric down-conversion effect 23915
Giokaris, N.D. *see* Fanourakis, G.K. 24011
Giomataris, Y. *see* Charpak, G. 46919
Giomi, A. *see* Balli, E. 24326
Giomi, J.-C. An incremental synthesis method for ASIC design 18658
Giordana, A. *see* Kyono, C.S. 34562
Giordanengo, P. *see* Mezzanatto, G. 39235
Giordano, E. *see* Bergoni, N. 30519
Giordano, G. *see* Bollanti, S. 24124
Giordano, G. *see* Bollanti, S. 35937
Giordano, G. *see* Di Lazzaro, P. 35653
Giordano, G. *see* Letardi, T. 20623
Giordano, N., Antonucci, P.L., Passalacqua, E., Pino, L., Arico, A.S., Antonucci, V., Alderucci, V., Recupero, V. Effect of platinum particle size on the performance of PAFC O_2 reduction electrocatalysts 25667
Giordano, N., Monnier, J.D. Alteration of electron-electron interaction effects in metal-insulator-metal trilayers 10784
Giordano, N. *see* Alderucci, V. 40461
Giordano, N. *see* Freni, S. 40458
Giordano, V. *see* Benvenuti, A. 7252
Giorgetti, A., Cavestro, L., Rampazzo, M. A lightweight braking system for electric vehicles 48315
Giorgetti, E. *see* Sottini, S. 3791
Giorgetti, M.F. Engineering and engineering technology education in Brazil 17759
Giorgi, D. *see* Cardwell, K. 30904
Giorgi, M. *see* Marchetti, S. 3449
Giorgi, M.De *see* De Giorgi, M.
Giorgi, M.Luisa De *see* Luisa De Giorgi, M.
Giorleo, G. *see* Daurelio, G. 21135
Giorni, A. *see* Benchekroun, D. 7218
Giovanangeli, J.-P. *see* Bliven, L.F. 7633
Giovanelli, R. *see* Kildal, P.-S. 23250
Giovannini, H.R., Yeddou, D., Huard, S.J., Lequime, M.R., Froehly, C. Detection scheme for white-light interferometric sensors 15069
Giove, D., Gmaj, P., LoMonaco, L., Raia, G., Rossi, L. Test and calibration of the magnetic measurement system for the Superconducting Cyclotron at LNS, Catania 15176
Gipprich, J.W. A new class of branch-line directional couplers 1409
Gipprich, J.W., Dickens, L.E., Faulkner, J.A. A power amplifier yields 10 watts over 8-14 GHz using GaAs MMICs in an LTCC serial combiner/divider network 1610
Giquel, A. *see* d'Agostino, R. 41452
Girach, K., Bouazza-Marouf, K., Kerr, D., Hewit, J. Comparison and evaluation of data communication methods over a free space optical laser link for teleoperation 14570
Giraldo, A. *see* Bacchetta, N. 38865
Giraldo, A. *see* Bacchetta, N. 46842
Girard, A., Liau, B. Dimensioning of adaptively routed networks 22464
Girard, A. *see* Melin, G. 15579
Girard, C. *see* Martin, O.J.F. 29275
Girard, C. *see* Martin, O.J.F. 44279
Girard, P., Lorival, R., Nouet, P. Characterisation of time resolution in electron beam measurements [IC testing] 262
Girard, P., Touzard, J.P. Highway telecommunications systems 45422
Girard, S. *see* Dahlman, J. 40349
Girard, T.A., Tavares, J.M., Godinho, M., Henriques, R.P., Bonfait, G., Waysand, G. Study of metastable superconducting detector response to irradiation using SQUID-readout 24043
Girard, T.A., Waysand, G., Limagne, D., Collar, J.I., Jeudy, V., Heres, O. A reexamination of the energy resolution of metastable superconducting detectors 24045
Girard, T.A. *see* Collar, J.I. 24047
Girard, T.A. *see* Heres, O. 24040
Girard, T.A. *see* Limagne, D. 24044
Girardey, C.C. *see* Abbe, B.S. 37636
Girardi, G., Ercole, D., Ullio, M., Melen, R., Albanese, A. An experimental architecture supporting multimedia applications on broadband networks 14252
Girardi, G., Ercole, D., Ullio, M., Melen, R., Albanese, A. An experimental architecture supporting multimedia applications on broadband networks 22659
Girardi, G. *see* Guidi, L. 39936
Giraud, B. *see* Martin, L. 5747
Giraud, B. *see* Martin, L. 14383
Giraud, J.P. Spent fuel reprocessing: the progressive industrial route 25171
Giraud, X. *see* Holtz, J. 45950
Giraud-Heraud, Y. *see* Soudee, J. 23600
Giraudet, L. *see* Berthier, P. 38122
Giraudet, L. *see* Bruno, A. 11884
Giraudet, L. *see* Scavennec, A. 6029
Giraudo, B. *see* O'Shaughnessy, K. 47008
Giraudon, G. *see* Clement, V. 24456
Girault, P., Bourat, C., Letellier, P., Meyrand, G., Sierra, S., Tronc, D. Progress report on $3\pi/4$ backward TW accelerating module for the ELETTRA 1.5 GeV electron injector 15393
Girbig, R. *see* Delage, P. 6011
Girdauskas, V., Dement'ev, A.S., Rizgyalis, M., Chegis, R. Formation and decay of soliton-like pulses in transient concurrent stimulated Raman scattering 44123
Girdauskas, V. *see* Roblin, M.L. 28983
Girgis, A.A., Fallon, C.M., Lubkeman, D.L. A fault location technique for rural distribution feeders 47498
Girgis, A.A., Fallon, C.M., Rubino, J.C.P., Catoe, R.C. Harmonics and transient overvoltages due to capacitor switching 47379
Girgis, A.A., Makram, E.B., Cline, M.L., Fortson, H.S. CUEPRA-Clemson University Electric Power Research Association—an industry/university partnership for excellence in power engineering education and research 26096
Girgis, A.A. *see* Makram, E.B. 16133
Girgis, A.A. *see* Makram, E.B. 47378
Girgis, A.A. *see* Qiu, J. 39455
Girgis, A.A. *see* Qui, J. 39460
Girgis, R.S. *see* Degeneff, R.C. 40277
Girgis, R.S. *see* Kennedy, W.N. 40278
Giri, A., Visvanathan, V., Nandy, S.K., Ghoshal, S.K. High speed digital filtering on SRAM-based FPGAs 42061
Giri, D.V. *see* Arreghini, F. 44435
Girich, S.V. *see* Gvozdev, V.I. 10390
Giridhar, K., Shynk, J.J., Iltis, R.A. A modified Bayesian algorithm with decision feedback for blind adaptive equalization 4698
Giridhar, K., Shynk, J.J., Iltis, R.A. Fast dual-mode adaptive algorithms for the equalization and timing recovery of TDMA mobile radio signals 30628
Girit, I.C. *see* Deptuck, D. 23498
Girit, I.C. *see* Deptuck, D. 24119
Girit, I.C. *see* Lowry, M.M. 24118
Giro, G. *see* Capuano, F. 32988
Girolami, B. *see* D'Angelo, A. 6943
Girolamo, B.Di *see* Di Girolamo, B.
Giron, J.-C. *see* Lampert, C.M. 35481
Girouard, F.E. *see* Le Quang Nguyen 35483
Girouard, F.R., Hopkins, A. EUVE telemetry storage and retrieval 24454
Giroux, F. *see* Claeys, W. 19670
Girshovich, S. *see* Dickstein, P.A. 9831
Girton, D.G. *see* Ermer, S. 20396
Girton, D.G. *see* Van Eck, T.E. 3369
Girts, R.D. *see* Devlin, B.T. 39183
Girwar, B.S. *see* Tao, G. 33062
Gisbert, F. *see* Regolini, J.L. 9556
Gisin, N., Passy, R., Bishoff, J.C., Perny, B. Experimental investigations of the statistical properties of polarization mode dispersion in single mode fibers 2969
Gisin, N., Passy, R., Perny, B. Optical fiber characterization by simultaneous measurement of the transmitted and refracted near field 43402
Gisin, N., Passy, R., Stamp, P., Hori, N., Nagano, S. New optical configuration for nondestructive measurements of refractive index profiles of $LiNbO_3$ waveguides 43462
Gisin, N. *see* Gilgen, H.H. 3079
Gislason, E., Johansen, M., Conradsen, K., Ersboll, B.K., Jacobsen, S.K. Three different criteria for

the design of two-dimensional zero phase FIR digital filters 13182
Gislason, H.P. *see* Yang, B.H. 10857
Gismero, J., Grajal, J. 9 GHz phase locked oscillator using a sampling phase detector. Application to VSAT local oscillators (18-27 GHz) 27300
Gitin, A.V., Karetnikov, A.A., Shutenko, N.O. Liquid-crystal focusing screen for the viewfinder of a reflex camera 3219
Gitin, A.V., Tomilin, M.G. Controllable source-object light scattering imaging in optical systems [liquid crystals] 3207
Gitlin, R.D. *see* Ayanoglu, E. 21621
Gitlin, R.D. *see* Ayanoglu, E. 30525
Gitlits, M. *see* Findlow, G. 37857
Gittings, C.J.J. *see* Dunne, P.E. 1127
Gittsovich, A.V. *see* Sobolev, M.M. 43822
Giubileo, G. *see* Ronsivalle, C. 15380
Giudicotti, L., Bassan, M., Pasqualotto, R., Sardella, A. Simple analytical model of gain saturation in microchannel plate devices 27443
Giuffre, M. *see* Adapa, R. 32235
Giugliano, M., Cernuschi, S., Cemin, A. The contribution of electric vehicles to air quality maintenance in large urban areas 48206
Giugni, D. *see* Ranucci, G. 24062
Giugni, S. *see* Batechlor, R.A. 5733
Giuinta, M. *see* Attardo, F. 44436
Giuli, D., Baldini, L., Facheris, L., Mazzetti, P. Evaluation of dual polarization attenuation of millimeter frequencies through a meteorological radar 44363
Giuli, D., Facheris, L. Performance of interpulse signal coding in interleaved-pulse polarimetric SAR 23101
Giulianelli, L.C., Buckman, A.B. Fiber-optic circuit for direct phase conversion with two outputs in quadrature 15042
Giuliani, A., Sanguinetti, S. Phonon-mediated particle detectors: physics and materials 15625
Giuliani, A. *see* Alessandrello, A. 15622
Giuliani, A. *see* Alessandrello, A. 24024
Giuliani, A. *see* Alessandrello, A. 24025
Giuliani, A. *see* Alessandrello, A. 24031
Giuliano, A., Colinas, C. Technical information system of electricity distribution networks 24795
Giulio, A.Di *see* Di Giulio, A.
Giulio, M.Di *see* Di Giulio, M.
Giunta, G. *see* Bellini, A. 8403
Giunta, G. *see* Bellini, A. 8872
Giussani, A. *see* Cantone, M.C. 31534
Giussani, M. *see* Pini Prato, A. 48415
Giustina, A. *see* Montuschi, P. 26796
Giusto, D.D. *see* Arduini, F. 22003
Giusto, D.D. *see* De Natale, F.G.B. 5008
Giusto, D.D. *see* De Natale, F.G.B. 29782
Giusto, D.D. *see* DeNatale, F.G.B. 21996
Giusto, P.Porzio *see* Porzio Giusto, P.
Givargizov, E.I., Limanov, A.B., Tikhonova, A.A., Musatova, L.V. Oriented crystallization on amorphous substrates and defects in SOI films 793
Givargizov, E.I. *see* Jiang Liu 27691
Givargizov, E.I. *see* Park, W.K. 9743
Givelin, P., Bafleur, M., Laopoulos, T., Siskos, S. On-chip overcurrent and openload detection for a power MOS high-side switch: a CMOS current mode approach 1034
Givelin, P. *see* Bafleur, M. 9947
Givens, J., Geissler, S., Lee, J., Cain, O., Marks, J., Keswick, P., Cunningham, C. Selective dry etching in a high density plasma for 0.5 μm complementary metal-oxide-semiconductor technology 43093
Givoli, D. *see* Manevitz, L. 18109
Givord, D. *see* Broyde, F. 34298
Givord, D. *see* Taylor, D.W. 35218
Giwa, C.O. Feasibility study of sulphone-based electrolytes for a medium-temperature reserve cell concept 17176
Gizinski, P., Krolikowski, W. Operation of series connection of GTO thyristors in DC 3000 V traction chopper 8936
Gizopoulos, D. *see* Haniotakis, T. 26810
Gjaerde, A.C. Multi factor ageing of epoxy resin 2727
Gjertsen, K.M., Thorvaldsen, P. Frame selector [for combining parallel data channels] 12949
Glabau, E. *see* Dayton, G. 34294
Glabbeek, J.J.van *see* van Glabbeek, J.J.
Gladfelter, W.L. *see* Han, J. 42783
Gladfelter, W.L. *see* Jaesung Han 27769
Gladfelter, W.L. *see* Simmonds, M.G. 41477
Gladisch, A., Giehmann, L., Gieschen, N., Rocks, M. Remote controlled absolute frequency stabilization of locally independent subscriber lasers for coherent communication systems 6032
Gladkikh, P., Karnaukhov, I., Kononenko, S., Shcherbakov, A., Strelkov, M., Tarasenko, A., Zelinsky, A. PSR-2000 beam extraction to SP-103 15400
Gladkikh, P., Karnaukhov, I., Kononenko, S., Shcherbakov, A., Strelkov, M., Zelinsky, A. PSR-2000. An injection system 15562
Gladkikh, P. *see* Bulyak, E. 7056
Gladkikh, P. *see* Efimov, S. 15384
Gladkov, P., Monova, E., Weber, J. Liquid phase epitaxy of *n*-type GaAs from Bi solution 9621
Gladkov, V.G. Comparability of options when introducing pumped-storage plants 25268
Gladstone, B. Accurate timing analysis holds the key to performance in today's system designs 26850
Gladstone, B. The value of accurate timing analysis 41866
Gladstone, D.J., Van Herk, M., Chin, L.M. Verification of lung attenuator positioning before total body irradiation using an electronic portal imaging device 31972
Gladun, V.V. *see* Borisov, L.A. 42137
Gladysz, E. *see* Bachler, J. 46934
Glaesemann, G.S. The mechanical behavior of large flaws in optical fiber and their role in reliability predictions 3066
Glaesemann, G.S. *see* Antos, A.J. 35411
Glaesemann, G.S. *see* Estep, M.G. 2988
Glaesemann, G.S. *see* Hodge, K.G. 5876
Glagolev, V. *see* Budagov, J. 46955
Glagolev, V.M., Timofeev, A.V. Direct conversion of thermonuclear into electrical energy in a drakon system 40496
Glagoleva, N.S. *see* Aksinenko, V.D. 7265
Glagoleva, N.S. *see* Aksinenko, V.D. 46967
Glahn, P.von *see* von Glahn, P.
Glaize, C. *see* Huselstein, J.-J. 1067
Glaize, C. *see* Matt, D. 41638
Glamocanin, V., Filipovic, V. Open loop distribution system design 32402
Glance, B. Computer controlled optical frequency synthesizer 3663
Glance, B. Large-capacity local access network 45988
Glance, B. *see* Karol, M.J. 22996
Glance, B. *see* Perino, J.S. 37976
Glance, B. *see* Wiesenfeld, J.M. 45964
Glance, B.S., Wiesenfeld, J.M., Koren, U., Wilson, R.W. New advances on optical components needed for FDM optical networks 6067
Glance, B.S. *see* Alexander, S.B. 6055
Glancy, B.C., Sandusky, H.W., Krall, A.D. Microwave interferometry of shock waves. II. Reacting porous media 23859
Glancy, B.C. *see* Krall, A.D. 23858
Glanfield, S. *see* Drake, S. 9877
Glantz, C.S. *see* Carson, B.H. 39406
Glaros, N., Carayannis, G. A comparative fixed-point error analysis of the Schur and the split Schur algorithms 21768
Glas, G.O., Zola, J.G. Input resistances of the single-input active-load differential amplifier 33920
Glas, P. *see* Androsch, I. 28765
Glasa, J. Bit-level systolic arrays for digital contour smoothing by Abel-Poisson kernel 13499
Glasberg, B.R. *see* Moore, B.C.J. 24358
Glasbey, C.A. An analysis of histogram-based thresholding algorithms 5124
Glaser, E.R. *see* Molnar, B. 19506
Glaser, I. *see* Oznovich, I. 29889
Glaser, J.P. The Longwood Medical Area Network 22615
Glaser, J.S., Witulski, A.F., Myers, R.G. Steady-state analysis of the constant-frequency clamped series resonant converter 33866
Glaser, M. *see* Bates, S. 24057
Glaser, P.E. A perspective on power from space for use on Earth 32010
Glaser, U., Hubner, U., Vierhaus, H.T. Mixed level hierarchical test generation for transition faults and overcurrent related defects 1153
Glaser, U. *see* Vierhaus, H.T. 2656
Glaser, W. *see* Liss, K.-D. 7292
Glass, A.M. Fiber optics 20340
Glass, A.M. *see* Partovi, A. 35307
Glass, J. *see* Baur, R. 46897
Glass, J.A., Jr. *see* Chin, A. 41382
Glass, J.M., Wieler, J.G. Flexible Doppler weather radar implementation 23168
Glass, R.C. *see* Wahab, Q. 684
Glass, R.J. *see* Tidwell, V.C. 16015
Glassel, P. *see* Baur, R. 46897
Glassel, P. *see* Baur, R. 46911
Glasser, J. *see* Yang, D.K. 43554
Glasserman, P., Glynn, P.W. Gradient estimation of regenerative processes 469
Glassey, P.G. *see* Baum, S.S. 256
Glassman, H.N. LANs are not as secure as you think 30404
Glatfelter, T. *see* Banerjee, A. 48113
Glattfelder, A.H., Jiang, Z.H., Schaufelberger, W. Tools for the design of single-loop control systems with actuator saturation applied to hydropower control 8232
Glatz, J. *see* Angert, N. 6905
Glauner, M. Equivalence relations between angle diversity and other diversity methods. Analytical model and practical results 14419
Glaunsinger, W. *see* Welfonder, E. 47407
Glaunsinger, W.S. *see* Kwang Soo Yoo 31341
Glauser, T. *see* Bunke, H. 22035
Glavatskikh, K.W., Pavlovsky, V.A., Sobenin, N.P. Measurement of transverse electric field gradient in nonaxisymmetric structures 7080
Glavitsch, H. *see* Brunner, D. 32413
Glavitsch, H. *see* Chen, S. 32293
Glavitsch, H. *see* Werlen, K. 24600
Glavitsch, U., Schauble, P. Speech retrieval in a multimedia system 13104
Glaw, V. *see* Kersten, P. 10562
Glaw, V. *see* Schammler, G.K.H. 17898
Glazebrook, F.H. Distribution System Efficiency Enhancement Project 7942
Glazenko, A.V., Danilevich, Ya.B., Karymov, A.A. Contact interaction of structural elements of electrical machines 16773
Glazer, F.C. An alternative morphological thinning algorithm 36814
Glazer, J., Kramer, P.A., Morris, J.W., Jr. Effect of gold on the reliability of fine pitch surface mount solder joints 446
Glazer, P.V. *see* Bakhtizin, R.Z. 19286
Glazin, K.E. *see* Aleksandrov, Yu.N. 29736
Glazkov, A.A., Lobanov, N.R., Barchenko, V.T., Balikoev, I.S., Zagranichny, S.I. Duoplasmatron-type ion source with improved technical and operational performance for linear accelerator 15592
Glazov, A.L., Muratikov, K.L., Suvorov, A.V. The effect of ion implantation processes on the characteristics of thermal wave signals from semiconductor materials in the 'mirage-effect' geometry 34670
Glazov, V.M., Pil'don, V.I., Zubkov, A.M., Kol'tsov, V.B. Investigation of electrophysical properties of high-resistivity *n*-type silicon single crystals in a wide temperature range 34492
Gleadow, J.C., Bisewski, B.J., Stewart, M.C. DC ground currents and transformer saturation on the New Zealand HVDC link 47474
Gleadow, J.C., Diseko, N.L., Fernholm, M., Rudervall, R. Design and testing of thyristor valves for the New Zealand DC project 47468
Gleadow, J.C., Heyman, O., Burtnyk, V. External insulation requirements for the New Zealand DC project 47470
Gleadow, J.C. *see* de Silva, J.R. 47467
Gleadow, J.C. *see* O'Brien, M.T. 47464
Gleason, B. *see* Hua-Yu Liu 2266
Gleason, E.F. *see* Bernstein, J.B. 20031
Gleason, E.F. *see* Burns, J.A. 18277
Gleason, J. *see* Lau, J. 42296
Gleave, M.M. Clearing the picture—digital television 23259
Glebov, I.A., Danilevich, Ya.B. Turbine-generator diagnostic system 25387
Glebov, S. *see* Kiselyov, B. 11570
Glebov, S. *see* Kulakov, N. 11563
Glebov, V. *see* Kendall, H.W. 46970
Glebov, V.Yu. *see* Buzulutskov, F. 24056
Glebovsky, V.G., Oganyan, R.A., Ermolov, S.N., Stinov, E.D., Kolosova, E.V. Preparation of tungsten disilicide thin films by laser evaporation 33717
Gledhill, C. The PEA (phase equalisation analyser) 6685
Gledhill, J.J. OFDM for digital terrestrial television 30952
Glein, R., Leverson, D., Olmstead, D. A practical system for Regional Mobile Satellite services 37950
Gleiser, R. *see* Felsvang, K. 8129
Gleiss, N. *see* South, C.R. 4461
Gleizes, A., Robert, T., Gonzalez, J.J., Pons, A. Modelling of the SF_6 circuit-breaker arc and of its interaction with the circuit 17100
Glen, P. *see* Popple, G. 45647
Glenn, B. *see* Le, T.T. 20011
Glenn, R.D., Frazier, W.G., Irwin, R.D., Lawrence, D.A., Follett, R.F. Controller redesigns for the Hubble space telescope 47190
Glenn, W.E. Review of video compression which depends on visual perception limits 36846
Glenn, W.E., Ohsawaw, M., Eto, M. High definition television display research—present and future 6231
Glennie, D., Alavie, T., Liu, K., Measures, R. The applicability of fiber optic sensors to the detection of surface acoustic waves on metals 6546
Glenning, A. *see* Bender, M. 22564
Glentis, G.-O., Kalouptsidis, N. Finite-precision analysis of a covariance algorithm for least squares FIR filtering and AR modeling 13175
Glentis, G.O., Kalouptsidis, N. Efficient algorithms for second order polynomial system identification 21762
Glesener, J. *see* Pehrsson, P.E. 860
Glesener, J.W., Tonucci, R.J. Micropatterned diamond substrates 10944
Glesk, I., Sokoloff, J.P., Prucnal, P.R. Demonstration of all-optical demultiplexing of TDM data at 250 Gbit/s 38030
Glesk, I. *see* Sokoloff, J.P. 30712
Glesk, I. *see* Sokoloff, J.P. 38080
Glesner, M. *see* Spanoche, S.A. 46691
Glesner, M. *see* Wehn, N. 33831
Glew, R.W. *see* Marsh, J.H. 3398
Glezos, N., Raptis, I., Hatzakis, M. LITHOS: a fast electron beam lithography simulator 28051
Glezos, N. *see* Raptis, I. 27951
Glick, M. *see* Carlin, J.F. 9649
Glick, S. *see* Sanchez, J. 30806
Glick, S. *see* Sara, L. 37295
Glick, S.J. *see* Soares, E.J. 15759
Glickman, E. *see* Klinger, L. 27774
Glickman, S.E. *see* Akeson, J.K. 45709
Glickman, S.E. *see* Dolinsky, A.A. 45437
Glidewell, C. *see* Foster, D.F. 41287
Glidewell, C. *see* Hoare, R.D. 41373
Glingener, C. *see* Schulz, D. 36345

Glinkowski, M. *see* Wilkening, E.-D. 40366
Glinski, J. *see* Chunmeng Wu 35874
Glinternik, S.P. Input and output characteristics of a two-bridge compensated converter 40333
Glinz, A. *see* Ellenberger, U. 31294
Glisenti, A. *see* Laidani, N. 10810
Glises, R., Miraoui, A., Kauffmann, J.M. Thermal modelling for an induction motor 8362
Glisson, A.W. *see* Di, X. 36383
Glisson, A.W. *see* Junker, G.P. 4292
Glisson, A.W. *see* Junker, G.P. 29335
Glisson, A.W. *see* Junker, G.P. 36371
Glista, A.S. Airborne photonics, a technology whose time has come 39283
Globus, M.E. *see* Burachas, S.F. 31768
Globus, T., Shur, M., Hack, M. Studies of subthreshold and leakage current in amorphous silicon thin film transistors 28178
Glock, H.-W. *see* Hulsmann, P. 15517
Glock, H.-W. *see* Kurz, M. 7073
Glocker, D.A. Influence of the plasma on substrate heating during low-frequency reactive sputtering of AlN 9678
Glod, P., Dietl, T., Fromherz, T., Krenn, H., Bauer, G., Miotkowski, I. Sc impurity in CdSe and $Cd_{1-x}Mn_xSe$ 42408
Gloede, M. *see* Gulder, H. 40611
Gloerstad, T. *see* Clark, L.T. 35145
Gloger, W., Hausler, G. Neural nets with reduced connectivity for the processing of large pictures 11772
Glogovsky, K.G. *see* Bethea, G.C. 23727
Glogovsky, K.G. *see* Swaminathan, V. 6504
Glombik, A. *see* Eversheim, P.D. 31625
Glombitza, U., Brinkmeyer, E. Coherent frequency-domain reflectometry for characterization of single-mode integrated-optical waveguides 23912
Glonty, V.N. *see* Akimov, B.A. 42454
Glooch, K.Yu. *see* Ganichev, S.D. 38518
Gloor, R. *see* Itten, A. 8960
Glor, M., Maurer, B. Hazards associated with filling and emptying flexible intermediate bulk containers 36113
Glorer, K. *see* Hulsmann, A. 27315
Gloria, A.De *see* De Gloria, A.
Glotin, B. *see* Besson, R.J. 14930
Glotin, F., Berset, J.-M., Chaput, R., Jaroszynski, D.A., Ortega, J.-M., Prazeres, R. Bunch length measurements on CLIO 43976
Glotin, F., Berset, J.M., Chaput, R., Kergosien, B., Humbert, G., Jaroszinsky, D., Ortega, J.M., Prazeres, R., Velghe, M., Bourdon, J.C., Bernard, M., Dehamme, M., Garvey, T., Mencik, M., Mouton, B., Omeich, M., Rodier, J., Roudier, P. First lasing of the CLIO FEL 7019
Glotin, F., Chaput, R., Jaroszynski, D., Prazeres, R., Ortega, J.-M. Infrared subpicosecond laser pulses with a free-electron laser 3683
Glotin, F. *see* Jaroszynski, D.A. 44005
Glotin, F. *see* Prazeres, R. 43977
Glova, A.F. *see* Babanov, I.V. 28733
Glover, B.M. On quasidifferentiable functions and non-differentiable programming 551
Glover, C.W. *see* Rao, N.S.V. 44942
Glover, D.J. Meeting the business requirements 37478
Glover, J.R., Jr. *see* Chang, J. 18867
Glover, P. CODE—a Ka band VSAT system 22930
Glowacz, S. *see* Borzemski, L. 22571
Glowacz, Z. Transient states of DC machine with rotor faults 40253
Glower, D.D. *see* Davis, J.W. 24319
Gluckstad, J. Compact adaptive multilayer optoelectronic neural network 28543
Gluckstern, R. *see* Bane, K.L.F. 15434
Gluckstern, R.L. *see* Wen-Hao Cheng 23977
Gluiber, A. *see* Greve, A. 38197
Glukov, A.V. *see* Asnis, L.N. 14718
Glumac, D. *see* Polla, D.L. 11410
Glumineau, A., Hamy, M., Lanier, C., Moog, C.H. Robust control of a brushless servo motor via sliding mode techniques 8322
Glumova, M.V. *see* Starostenko, V.V. 27440
Glunz, W., Kruse, T., Rossel, T., Monjau, D. Integrating SDL and VHDL for system-level hardware design 953
Glunz, W., Rossel, T. Checking DFT rules with a VHDL simulator 1178
Glushankov, Eu.I. *see* Kontorovich, V.Ka. 44385
Glushchenko, A.G. The threshold characteristics of pulses in strip and coaxial communications lines 12643
Glushchenko, A.G. Method of analyzing the passage of pulses through films with nonlinear parameters in waveguide structures 21366
Glushkov, Y.S. *see* Ponomarev-Stepnoi, N.N. 7549
Gluskin, E. *see* Krasnoperova, A.A. 31816
Gluszek, A. *see* Bujko, J. 32368
Gluth, R., Heute, U. Analysis/synthesis filter banks based on generalized sinusoidal transforms with an application to speech coding 13103
Glynn, B. *see* Tobin, N.P. 24927
Glynn, P.W. *see* Glasserman, P. 469
Glynn, S. Putting thought into networks 37628
Glytsis, E.N. *see* Henderson, G.N. 10739
Glytsis, E.N. *see* Henderson, G.N. 20905
Glytsis, E.N. *see* Meliopoulos, A.P.S. 47351
Gmachl, C., Kock, A., Rosenberger, M., Gornik, E., Micovic, M., Walker, J.F. Frequency tuning of a double-heterojunction AlGaAs/GaAs vertical-cavity surface-emitting laser by a serial integrated modulator diode 35863
Gmachl, C. *see* Kock, A. 3587
Gmachl, C. *see* Kock, A. 35770
Gmachl, C. *see* Kock, A. 35829
Gmachl, C. *see* Rosenberger, M. 35866
Gmaj, P. *see* Giove, D. 15176
Gmaj, P. *see* Migneco, E. 7144
Gminder, H.-J. *see* Bielser, B. 5632
Gminder, M., May, E. Experience with the implementation of the constancy test for film processing according to §16(2) of the Rontgenverordnung (X-ray ordinance) 15780
Gmitro, A.F. *see* Barrett, H.H. *(editor)* 33251
Gmitter, T. *see* Ersen, A. 3390
Gmitter, T. *see* Ersen, A. 11891
Gmitter, T.J. *see* Schnitzer, I. 11862
Gmitter, T.J. *see* Schnitzer, I. 20563
Gmur, N. *see* Suortti, P. 7386
Gmyrin, S.Ya. Propagation of ultrasonic waves through a layer of contact liquid taking the article surface roughness into account 41534
Gnade, B.E. *see* Yan, J. 34781
Gnall, R.P. *see* Alferness, R.C. 45985
Gnall, R.P. *see* Choa, F.S. 3134
Gnall, R.P. *see* Tennant, D.M. 28851
Gnanam, F.D. *see* Pandian, S.S. 9500
Gnatovsky, A.V. *see* Kukhtarev, N.V. 12398
Gnatyuk, M.A. *see* Brovdiy, N.K. 23414
Gnatyuk, S.A. *see* Morozov, I.A. 13185
Gnatyuk, V.A. *see* Mozol', P.E. 42415
Gnauck, A. *see* Kurtzke, C. 14595
Gnauck, A. *see* Kurtzke, C. 38124
Gnauck, A.H., Tkach, R.W., Mazurczyk, M. Interplay of chirp and self phase modulation in dispersion-limited optical transmission systems 30853
Gnauck, A.H. *see* Chandrasekhar, S. 35623
Gnauck, A.H. *see* Chandrasekhar, S. 43639
Gnauck, A.H. *see* Chraplyvy, A.R. 37984
Gnauck, A.H. *see* Wiesenfeld, J.M. 45964
Gnecchi-Ruscone, T. *see* Porta, A. 36751
Gniazdowski, Z. MOS model parameter extraction using stochastic approximation method 42933
Gnidica, F., de Panfilis, S., Petrucci, G., Stefanini, G., Tommasini, D., Walker, R.P., Zangrando, D. Magnetic measurement of the ELETTRA storage ring prototype magnets 15530
Gnirss, G. *see* Mayer, K.H. 16558
Gnos, M. *see* Leuchtmann, P. 44300
Gnoth, D. *see* Finders, J. 9634
Gnudi, A., Ventura, D., Baccarani, G. Modeling impact ionization in a BJT by means of spherical harmonics expansion of the Boltzmann transport equation 28103
Gobaru, K. *see* Ohtake, K. 25714
Gobbi, A., Tomassini, G. A new system of electrical supply trunking 47501
Gobbi, A. *see* Faust, M. 8307
Gobbi, A. *see* Faust, M. 16829
Gobbi, A.L. *see* Pereira, J.S. 43631
Gobbi, B. *see* Avery, R.E. 7257
Gobbi, B. *see* Avery, R.E. 7258
Gobel, E.O. *see* Bertram, D. 41346
Gobel, E.O. *see* Lutgen, S. 9644
Gobel, E.O. *see* Marschner, T. 9647
Gobernado-Mitre, M.I. *see* Souto, J. 6627
Gobet, J., Cardot, F., Bergqvist, J., Rudolf, F. Electrodeposition of 3D microstructures on silicon 26466
Gobin, V. Modelling of electrically thick conducting shields in a three dimensional integral equation formalism 44440
Gobsch, G. *see* Schulze, D. 34885
Gocho, T., Ogawa, T., Muroyama, M., Sato, J. Chemical vapor deposition of anti-reflective layer film for excimer laser lithography 42800
Gockler, H.G., Gebauer, T. Digital signal processing for an open-loop fibre-optic gyroscope 23689
Goda, T. *see* Kojima, Y. 16177
Goda, T. *see* Kojima, Y. 16229
Goda, Y., Matsuda, S., Inaba, T., Ozaki, Y. Forced extinction characteristics of secondary arc on UHV (1000 kV class) transmission lines 25020
Goda, Y., Matsuda, S., Inabe, T., Ozaki, Y. Insulation recovery characteristics after fault arc interruption on UHV (1000 kV class) transmission lines 32417
Goda, Y. *see* Shibuya, M. 16314
Godard, B., Murer, P., Stehle, M., Bonnet, J., Pigache, D. Realization of a 1 kW XeCl laser 20628
Godber, S.X., Robinson, M., Evans, P. Stereoscopic line-scan systems for robotics control 36916
Godbey, D. *see* Wang, J.J. 15640
Godbole, M.J. *see* Lowndes, D.H. 19643
Godbout, N., Najafi, S.I. Guided-wave solutions and properties of arbitrary slab waveguides exhibiting Kerr nonlinearities 4228
Goddard, B. *see* Kalbreier, W. 6923
Goddard, J.W.F., Tan, J., Thurai, M. Technique for calibration of meteorological radars using differential phase 32090
Goddard, P., Dyer, S. Design for testability in highly integrated ASIC solutions 41755
Goddard, P.F. *see* Dyer, S.L. 42068
Godec, Z. Winding thermal image protection of power transformers 25505
Goderre, G. *see* Moore, C.D. 15401
Goderre, G. *see* Saritepe, S. 31600
Goderre, G.P., Holt, J. Activities at Fermilab related to collider present and future 38765
Godfrey, G. *see* Fieguth, T. 15555
Godfrey, K.R.L., Attikiouzel, Y. Applying neural networks to colour image data compression 29998
Godfrey, W.M., Tagavi, K.A., Cremers, C.J., Menguc, M.P. Interactive thermal modeling of electronic circuit boards 42291
Godfroid, H. *see* Ammar, F.B. 8890
Godignon, P., Jorda, X., Flores, D., Fernandez, J., Hidalgo, S., Rebollo, J.A., Millan, J. Physical behaviour and electrical characteristics of the insulated base transistor 2466
Godin, G. *see* Boulanger, P. 30030
Godin, R. The status and prospects for power plant technology in France 47643
Godin, R. *see* Combes, J.-P. 8064
Godinho, M. *see* Girard, T.A. 24043
Godinovic, N., Tudoric-Ghemo, J., Jercic, I., Josipovic, M., Kulusic, L., Skare, J. Mechanical and electrical innovations in the design of the horizontally mounted sub-MeV van de Graaff accelerator 46710
Godlewski, J. *see* Blocki, J. 46892
Godlewski, M. Electroluminescence from rare earth activated materials—new concepts 11860
Godley, D.P., Hawthorne, K.L. *(editors)* Proceedings of the 1993 IEEE/ASME Joint Railroad Conference (Cat. No.93CH3266-4) 40810
Godlove, T.F. Heavy ion recirculating induction linac studies 15337
Godlove, T.F., Len, L.K., Mako, F.M., Alkayat, R., Black, W.M., Sloth, K. Modulators for heavy-ion recirculating induction linacs 31785
Godlove, T.F. *see* Barnard, J.J. 31535
Godlove, T.F. *see* Yu, S.S. 15339
Godon, M. *see* Bauer, A. 4121
Godone, A., Novero, C. The magnesium frequency standard 6290
Godot, J.C. *see* Bossart, R. 7139
Godot, J.C. *see* Bossart, R. 38811
Godsalve, C. *see* Robertson, B. 21113
Godshalk, E.M. Generation and observation of surface waves on dielectric slabs and coplanar structures 1386
Godshalk, E.M. Wafer probing at W-band 27276
Godshall, J. Digital signal processing enhances optical noncontact gauging systems 38672
Godt, A. *see* Beecher, J.E. 28960
Godun, G.A. *see* Murav'ev, V.V. 19079
Godwin, D.P., Carey, C.D., Song, S.H., Selviah, D.R., Midwinter, J.E. Perfect shuffle interconnections using Fresnel computer generated holograms in a planar-optic configuration 11902
Godwin, D.P., Selviah, D.R., Carey, C.D., Midwinter, J.E. The self-focusing Fresnel-Dammann grating and the Fresnel binary CGH for compact 2-D light spot array generation 12477
Godwin, M. *see* Denning, D. 5390
Godwin, P.A., McShea, M. Interception and interpretation of information from a subscriber loop phone line 5517
Godyak, V.A., Piejak, R.B., Alexandrovich, B.M. Electrical and light characteristics of RF-inductive fluorescent lamps 48451
Goebel, F. *see* McDonald, R.C. 17201
Goebel, H. *see* Trah, H.-P. 25621
Goedgebuer, J.P., Ferriere, R., Benkelfat, B.E. An acousto-optic correlator working by coherence modulation of light 13595
Goedheer, W.J. *see* Meijer, P.M. 42346
Goedtkindt, P. *see* Zeitoun, P. 43709
Goehlich, L., Kammel, G., von Olshausen, R. Cross-linked polyethylene medium voltage power cables with conductive layers of various forms 24950
Goehlich, L., Kullig, P., Stubbe, R. Influence of materials and design alternatives to service reliability of MV cables with XLPE insulation 16340
Goehlich, L. *see* Daum, W. 2959
Goehlsch, T. *see* Brocke, R. 47574
Goeije, M.de *see* de Goeije, M.
Goeje, M.P.de *see* de Goeje, M.P.
Goel, A.K. Development of a GaAs HBT integrated circuit chip performance simulator 11293
Goel, A.K., Leipnitz, M.M. Electromigration-induced failure analysis of VLSI interconnection components 11284
Goel, A.K., Prabhakaran, P.J. The effects of crossing interconnections on signal propagation on the GaAs-based integrated circuits 2680
Goel, A.K., Xu, W. Modeling of transverse propagation delays in the GaAs/AlGaAs modulation doped heterojunction field effect transistors 19896
Goel, D.K. *see* Gulati, R.K. 2664
Goel, K.K. New topologies of fiber-optic delay line filters 20502
Goel, L., Billinton, R. Distribution system reliability evaluation: a sensitivity study 7707

Goel, L., Billinton, R. Utilization of interrupted energy assessment rates to evaluate reliability worth in electric power systems 24606
Goel, L., Billinton, R. On some aspects of power system reliability cost/worth evaluation and application 24731
Goel, L. *see* Billinton, R. 7708
Goel, L.R., Mumtaz, S.Z., Agrawal, S. Analysis of an on-surface transit system with correlated failures and repairs 9354
Goel, L.R., Tyagi, P.K., Gupta, R. Analysis of a standby system with dependent repair time and slow switching device 26253
Goel, N. *see* Yurkanin, T. 8212
Goel, N.S. *see* Stefani, G.G. 27356
Goel, P.S. *see* De, S. 32021
Goel, R. *see* Gupta, R. 41014
Goel, S., Cherry, D., Gregory, B. Knowledge-based system for the preliminary aerodynamic design of aircraft engine turbines 32047
Goeller, R.M. *see* La Delfe, P.C. 23539
Goelzer, G. *see* Smith, N. 15211
Goemans, P.A.F.M., Kamerbeeek, E.M.H., Klijn, P.L.A.J. Measurement of the pull-out torque of synchronous micromotors with PM rotor 8325
Goenaga, I. *see* Vinolas, J. 7459
Goerke, F. *see* Schilling, M. 737
Goerke, T. *see* Rice, M. 45881
Goertz, C. *see* Koenemann, B. 1186
Goertz, S. *see* Dutz, H. 31657
Goertz, S. *see* Reichertz, L.A. 31658
Goesmann, F., Jones, D.I. Thermoelectric power of amorphous silicon under illumination 27499
Goessel, M. *see* Sogomonyan, E.S. 1146
Goethals, K. ML-oriented symbol synchronizers for mobile satellite communications using narrowband M-PSK 37967
Goethals, K., Moeneclaey, M. NDA chip synchronizers for bandlimited DS/SS signals using CDMA on frequency nonselective fading channels 22770
Goethals, M. *see* Funhoff, D.J.H. 11050
Goettle, P.E. *see* Upshur, J.I. 19105
Goetz, D.J. *see* Unger, B.W. 37340
Goetz, G. *see* Pennise, C.A. 34634
Goetz, I., Hollier, M.P. Mobile telephone system standards and measurement methods for acoustic noise performance 22880
Goetz, M. *see* Kroll, U. 33711
Goetz, M.J., Jr., Fox, M.D., Northrop, R.B. Microdegree polarimetry using a diode laser for glucose detection 38974
Goetzberger, A. *see* Stahl, W. 25943
Goezinne, J. *see* Stassen, H.G. 7485
Goffaux, R., Krecke, M. Contribution to the electrical characterisation of the HV and interturn insulation of AC machines by the method of stator winding impedance dispersion 32823
Goforth, R.C. *see* Moravec, T.J. 17913
Gofuku, E., Ohnawa, T., Kohara, M., Nunoshita, M. Resistance adjustment with short-pulse Nd:YAG laser for RuO_2-based thick-film resistors buries in polyimide film 19247
Gogani, E.S. *see* Asaii, B. 40218
Goggans, P.M. Calculation of transient scattering from two-dimensional objects using a frequency domain method of moments approach 44291
Goggans, P.M. *see* Shu, S. 21335
Goggi, G. *see* Dell'Acqua, A. 46998
Goggi, V.G. *see* Dell'Acqua, A. 7283
Gogineni, P. *see* Moradi, H. 40834
Gogineni, S.P. *see* Lytle, V.I. 32099
Gogna, P. *see* Warchter, D. 11231
Gogoasa, I. *see* Murphy, M.M. 38538
Gogolewski, R.M. *see* Densing, R. 20948
Gogolides, E., Baik, K.H., Yannakopoulou, K., Van den hove, L., Hatzakis, M. Lithographic evaluation of a new wet silylation process using safe solvents and the commercial photoresist AZ 5214E 28035
Gogolin, A.O. *see* Fabrizio, M. 42493
Gogue, G.P., Stupak, J.J., Jr. Radially-oriented magnet rings 47893
Goh, G.W. *see* Liu, F.T. 19255
Goh, J. *see* Eren, H. 15223
Goh, K.H., Soraghan, J.J., Durrani, T.S. Parallel 3-D wavelet transform codec for image sequences 36962
Goh, K.H., Soraghan, J.J., Durrani, T.S. Wavelet transform based adaptive bit-plane run-length coding for still images 45669
Goh Ann Loo *see* Tong Loong Cheong 5419
Goh Keng Leng *see* Keng Leng Goh
Goh Tiong Thye *see* Soong Boon Hee 13381
Goh Wooi Boon *see* Wooi Boon Goh
Gohara, S. *see* Kozaki, T. 22732
Gohberg, I., Olshevsky, V. Fast inversion of Chebyshev-Vandermonde matrices 33524
Gohda, T. *see* Seki, H. 35189
Gohshi, S. Application of moving image processing with intra frame completed method to MUSE system 5020
Gohshi, S., Izumi, Y., Ninomiya, Y. Picture degradation caused by motion detection disagreement on MUSE encoder/decoder 13493
Gohshi, S., Naemura, M., Yamaguchi, K., Ninomiya, Y. A new signal processing method for the MUSE system 30150
Gohshi, S. *see* Izumi, Y. 29892
Goiffon, A. *see* Cambon, O. 43228
Goiffon, A. *see* Philippot, E. 18192
Goil, S. *see* Agrawal, P. 41579
Goiran, M. *see* Guasch, C. 42499
Gokhale, D., Agarwal, A., Guibord, A. System services and architecture of the TMI satellite mobile data system 37749
Gokhale, D.V. *see* Meyer, M.E. 21476
Goknar, I.C. *see* Anarim, E. 30141
Gokoglu, S.A. *see* Blanquet, E. 9730
Gokturk, H.S., Fiske, T.J., Kalyon, D.M. Electric and magnetic properties of a thermoplastic elastomer incorporated with ferromagnetic powders 43288
Gol, O., Doan, T.M. Simulation of induction motor drive systems using LabVIEW 40557
Gol, O. *see* Ali, S.A.M. 40207
Gol, O. *see* Kearney, D.A. 40217
Golab, S. *see* Ryba-Romanowski, W. 43802
Golan, C. *see* Ben-Yaakov, S. 7626
Golan, G., Kenyon, A.J., Griffel, G., Pitt, C.W. Thermo-acoustic effects on images for high resolution scanning acoustic microscopy 32123
Golas, D.B. *see* Coursey, B.M. 38854
Gold, D., Ur, H. Analysis of quantization noise in frequency sampling FIR filters and its reduction via error feedback 10335
Gold, E.M. PCs rewrite the rules for videoconferencing 45661
Gold, H. *see* Tran-Gia, P. 214
Gold, M. *see* Tkaczyk, S. 46989
Gold, M.A. *see* Cronin, F.J. 40839
Gold, R. *see* Adams, N. 23025
Gold, S.H., Sullivan, C.A., Hafizi, B., Manheimer, W.M. Second harmonic magnicon amplifier experiment at 11.4 GHz 1784
Gold, S.H., Sullivan, C.A., Hafizi, B., Manheimer, W.M. Study of gain in *C*-band deflection cavities for a frequency-doubling magnicon amplifier 1792
Goldak, J. *see* Mashaie, A. 9475
Goldbacher, A. New measuring rods in use: real time integration for the same data stock on all planes 19204
Goldberg, B.-G. Linear frequency modulation—theory and practice [direct digital synthesizer] 1091
Goldberg, B.B. *see* Springholz, G. 10689
Goldberg, D. *see* Rimmer, R. 15511
Goldberg, D.L., Castenschiold, R. The designer of industrial and commercial power systems and code interpretations 24647
Gol'dberg, E.I., Novikov, Ya.A. Full fault test structure for programmable logic arrays 1199
Goldberg, H. *see* Abbott, B. 7245
Goldberg, H. *see* Abbott, B. 31776
Goldberg, J.H. *see* Ellis, R.D. 9158
Goldberg, J.M., Sandler, M.B. A digital signal processing algorithm for the linearisation of PWM based DACs for digital audio applications 23364
Goldberg, L., Busse, L.E., Mehuys, D. High power continuous wave blue light generation in $KNbO_3$ using semiconductor amplifier seeded by a laser diode 3783
Goldberg, L., Mehuys, D., Surette, M.R., Hall, D.C. High-power, near-diffraction-limited large-area traveling-wave semiconductor amplifiers 12196
Goldberg, L. *see* Burns, W.K. 44116
Goldberg, L. *see* Esman, R.D. 44635
Goldberg, L. *see* Hall, D.C. 20794
Goldberg, L. *see* Hall, D.C. 43937
Goldberg, L. *see* Mehuys, D. 20826
Goldberg, L. *see* Mehuys, D. 35786
Goldberg, L. *see* Simon, U. 20993
Goldberg, L. *see* Surette, M.R. 20935
Goldberg, L.S., Romanova, T.D., Yakovlev, V.S. Effect of characteristics of flow in the MHD-plant active zone on operational performance 25747
Goldberg, M. *see* Brahmanandam, M.B. 36837
Goldberg, M. *see* Gandhi, R. 30061
Goldberg, M. *see* Neufeld, G.W. 5472
Goldberg, O. *see* Hubbi, W. 32856
Goldberg, R.L., Smith, S.W., Ladew, R.A., Brent, J.C. Multi-layer PZT transducer arrays for improved sensitivity [for medical US] 15706
Goldbohm, E. On arrays and beams, choices for radar applications 14703
Goldburg, B., Dawson, E., Sridharan, S. A secure analog speech scrambler using the discrete cosine transform 12882
Goldburg, B. *see* Sridharan, S. 13024
Gol'den, A.D. Ultrasonic quality control of rubber-metal structures with Lamb waves in case of one-sided access from the side of the rubber 18350
Golden, J. *see* Litz, M. 27421
Golden, J.P. *see* Anderson, G.P. 6615
Golden, S.A. *see* Chou, K.C. 29591
Goldfarb, J.L. *see* Farris, R.J. 33786
Goldfarb, M.E., Platzker, A. A wide range analog MMIC attenuator with integral 180° phase shifter 34276
Goldfeld, L., Wulich, D. Performance of a correlation demodulator in the presence of a speech signal 29538
Goldgof, D. *see* Hoover, A. 37041
Goldgof, D.B. *see* Eggert, D.W. 21950
Goldgof, D.B. *see* Lin, C.-T.D. 29880
Goldgof, D.B. *see* Wen-Chen Huang 31843
Goldhar, J. *see* Cui, Y. 20658
Goldhar, J. *see* Funk, E.E. 28640
Goldhar, J. *see* Saddow, S.E. 28599
Goldhirsh, J., Dockery, G.D., Musiani, B.H. Space diversity and fade duration statistics at *C*-band for two overwater, line-of-sight propagation paths in the mid-Atlantic coast 21242
Goldhirsh, J., Vogel, W.J., Torrence, G.W. K-Band mobile propagation measurements using ACTS 37931
Goldhirsh, J. *see* Vogel, W.J. 5843
Goldie, D.J. *see* Booth, N.E. 20188
Goldie, D.J. *see* Brink, P.L. 20191
Goldie, D.J. *see* Swift, A.M. 46947
Goldie, D.M. *see* Browne, A.K. 27504
Goldie, D.M. *see* Hepburn, A.R. 46548
Goldin, G.S. *see* Sergeyenko, N.M. 25758
Golding, D.J. *see* Hodgson, N. 15717
Golding, R.A., Long, D.D.E. Simulation modeling of weak-consistency protocols 22340
Golding, T.D. *see* Dura, J.A. 9562
Goldlust, B. *see* Massi, F. 32653
Goldman, G. *see* Wellman, R.J. 46096
Goldman, H. Diversity combiner for a limiter-discriminator-integrator receiver for coded CPFSK 22758
Goldman, N. *see* Braun, C. 24563
Goldman, N. *see* Meyers, S. 16156
Goldman, P. Magic Cap, a platform for communications 45488
Goldman, S.E. AT&T's MCM-D process, design and manufacturing 358
Goldman, S.E. AT&T's MCM-D process, design and manufacturing 9302
Goldman, V.J. *see* Bo Su 42535
Goldman-Segall, R. Interpreting video data: introducing a "Significance Measure" to layer description 22058
Goldmann, E. *see* Weishi Wan 46750
Goldmann, L.S. A numerical lead frame compliance and stress model 40949
Goldmann, M. *see* Dusa, M.V. 2355
Goldobin, E.B. *see* Kaplunenko, V.K. 20184
Goldof, D. *see* Eggert, D. 37044
Goldreich, O. *see* Bellare, M. 12935
Goldschmidt, O., Takvorian, A. An efficient graph planarization two-phase heuristic 33489
Goldsman, N. *see* Lin, Q. 28060
Goldsman, N. *see* Yu-Jen Wu 19324
Goldsmith, A.J., Greenstein, L.J. A measurement-based model for predicting coverage areas of urban microcells 5764
Goldsmith, C. *see* Dehaven, P. 34827
Goldsmith, C.L., Kanack, B. Broadband microwave matching of high speed photodiodes 5911
Goldsmith, C.L., Kanack, B. Broad-band reactive matching of high-speed directly modulated laser diodes 5989
Goldsmith, C.L., Kikel, A., Wilkens, N.L. Synthesis of Marchand baluns using multilayer microstrip structures 10401
Goldsmith, P.F., Hsieh, C.-T., Huguenin, G.R., Kapitzky, J., Moore, E.L. Focal plane imaging systems for millimeter wavelengths 38571
Goldsmith, P.F. *see* Cortes-Medellin, G. 46157
Goldsmith, P.F. *see* Stephan, K.D. 34281
Goldsmith, S. *see* Ben-Shalom, A. 9767
Goldsmith, S. *see* Boxman, R.L. 9774
Goldspink, G.F. *see* Sahafi, H.F. 42722
Goldstein, A.D. *see* Komisarchik, T.N. 16690
Goldstein, D. *see* Shor, J.S. 10747
Goldstein, D. *see* Shor, J.S. 34848
Goldstein, D.H., Augustus, E.P., Champigny, N.E., Lacey, D.J., Wangler, R.J., Karins, J., Ross, W., Kelly, L., Lucas, J., Mills, S. Correlator system development and flight testing 32168
Goldstein, D.H., Augustus, E.P., Kallman, R.R. Correlation results using invariant spatial filters with TOPS and model-based training sets 30110
Goldstein, E. *see* Eskildsen, L. 37981
Goldstein, E.L., Eskildsen, L., da Silva, K., Andrejco, M., Silberberg, Y. Suppression of dynamic cross-saturation in multiwavelength lightwave networks with inhomogeneously broadened amplifiers 23006
Goldstein, E.L., Eskildsen, L., Lin, C., Tench, R.E. Multiwavelength propagation in lightwave systems with strongly inverted fiber amplifiers 45998
Goldstein, E.L. *see* Elrefaie, A.F. 14644
Goldstein, E.L. *see* Eskildsen, L. 12066
Goldstein, H. On dominant scales of 1D signals using a variant Haar wavelet 29594
Goldstein, I. *see* Cai, Z. 581
Goldstein, J. *see* Nguyen, D.C. 43972
Goldstein, J.C. *see* O'Shea, P.G. 12263
Goldstein, J.C. *see* O'Shea, P.G. 43968
Goldstein, J.C. *see* White, C.J. 28893
Goldstein, J.L.Freer *see* Freer Goldstein, J.L.
Goldstein, J.R., Koretz, B. Tests of a full-sized mechanically rechargeable zinc-air battery in an electric vehicle 25657
Goldstein, L., Pagnod-Rossiaux, P., Gaborit, F., Garabedian, P., Magnabal, M., Brillouet, F., Matabon, M. Strained quaternary compounds GaInAsP/InP for infrared laser (1.5μm) 18141
Goldstein, L. *see* Ponchet, A. 9642

Goldstein, M., Solkner, G., Gornik, E. Heterodyne interferometer for the detection of electric and thermal signals in integrated circuits through the substrate 2647
Goldstein, M., Solkner, G., Gornik, E. Heterodyne interferometer for the detection of electric and thermal signals in integrated circuits through the substrate 43105
Goldstein, M.H., Jr. *see* Liu, W. 13086
Goldstein, R.M., Engelhardt, H., Kamb, B., Frolich, R.M. Satellite radar interferometry for monitoring ice sheet motion: application to an Antarctic ice stream 16012
Goldstein, W.H. *see* Osterheld, A.L. 43721
Goldstone, D.J. Controlling inequality reasoning in a TMS-based analog diagnosis system 959
Goldstone, J. *see* Stone, J. 29192
Goldsworthy, R. *see* Lidow, D. 26137
Goldwasser, S., Ostrovsky, R. Invariant signatures and non-interactive zero-knowledge proofs are equivalent 12926
Gole, A.M. *see* Maguire, T.L. 25428
Gole, A.M. *see* Nayak, O. 7920
Gole, A.M. *see* Xiao Jiang 47460
Golebiowski, J. The measurement of gas humidity by means of surface acoustic wave transducer 6860
Golecki, I., Marti, J., Reidinger, F. Properties of single-crystalline SiC films grown on Si by low-pressure chemical vapor deposition at 750°C 41444
Golecki, I., Reidinger, F., Marti, J. Epitaxial monocrystalline SiC films grown on Si by low-pressure chemical vapor deposition at 750°C 762
Goleminov, N.G. *see* Barashenkov, V.S. 15613
Golias, N.A., Papagiannakis, A.G., Tsiboukis, T.D. Efficient mode analysis with edge elements and 3-D adaptive refinement 36329
Golias, N.A., Tsiboukis, T.D., Kriezis, E.E. Automatic finite element analysis: application to the shielding by a spherical shell 21165
Golik, W.L. Order-increasing grid adaption for Runge-Kutta methods applied to two-point boundary value problems 18097
Golin, M.J., Sedgewick, R. Queue-mergesort 44663
Golio, M. Characterization, parameter extraction and modeling for high frequency applications 27233
Golio, M. Large signal microwave device modelling challenges for high volume commercial communications applications 27255
Golio, M. *see* Staudinger, J. 10437
Golkar, M.A., Cory, B.J. Optimal placement of fixed and switched capacitors along distribution feeders 7938
Golke, K.W. Determination of funnel length from cross section versus LET measurements 34071
Golla, C. *see* Casagrande, G. 41938
Golla, E., Seul, J. Experiences with CAQ implementation 429
Gollapudi, S., Murphy, K.A., Anbo Wang, Claus, R.O. In-line optical modulator and switch using elliptical-core two-mode optical fiber 3068
Gollapudi, S. *see* Wang, A. 6544
Goller, K. *see* Huggard, P.G. 23642
Goller, K. *see* Huggard, P.G. 35543
Goller, M. *see* Frohlingsdorf, G. 22866
Gollier, J. *see* Malaise, D. 37997
Gollmann, D. *see* Kwok-yan Lam 14229
Gollor, M., Rogalla, K. HV design of vacuum-insulated power supplies for space applications 7556
Golmayo, D. *see* Gonzalez, L. 33595
Golmayo, D. *see* Huertas, P. 15095
Golnik, N., Zielczynski, M. Determination of restricted LET distribution for mixed (n,γ) radiation fields by high pressure ionisation chamber 47140
Goloh, L.P., Huang, S.L., Lee, C.H., Chang, W.H., Jones, K., Taysing-Lara, M., DeAnni, T. Picosecond photoconductive switches designed for on-wafer characterization of high frequency interconnects 1529
Golokoz, P.P. *see* Florinskii, V.Y. 35036
Golomb, S.W. *see* Song, H.Y. 21631
Goloshchapov, S.I., Veigner, A.I., Konnikov, S.G. Temperature characteristics of a continuous-flow helium heat for microwave measurements 15183
Goloubkoff, M. *see* Meyer, S. 5453
Golov, M.A. *see* Korol'kov, V.I. 12292
Golovan, A.V. *see* Rybak, I.A. 38946
Golovatyuk, V. *see* Boden, A. 38859
Golovchenko, E.A., Pilipetskii, A.N. Unified analysis of four-photon mixing, modulational instability, and stimulated Raman scattering under various polarization conditions in fibers 29015
Golovchenko, E.A. *see* Shipulin, A.V. 35980
Golovchenko, V.A. *see* Putilov, E.P. 40613
Golovin, A.B., Peshko, I.I., Khizhnyak, A.I. Regularities of oscillation of the ring-cavity laser with an amplitude isolator of variable length 12272
Golovin, O.V., Guzeyev, E.V., Krotov, A.V., Markov, N.E. An automated decameter-band communications channel quality analyzer 22767
Golovin, V.F. *see* Bobko, V.D. 14354
Golovina, O.A. *see* Nikonorov, N.V. 20349
Golovinsky, P.M., Goretsky, V.P., Ryabtsev, A.V., Soloshenko, I.A., Tarasenko, A.F., Tschedrin, A.I. Cesium influence on H^- ion emission from a source with reflection-type discharge 46813
Golovkin, S.V. *see* Cianfarani, C. 31731
Golovkin, V.F. *see* Batalov, A.A. 46920
Golovko, Ya.D., Gusev, A.V., Zavislyak, I.V., Koberidze, A.V., Protas, A.I., Nam, B.P., Sovtsov, Yu.A. Magnetodynamic waves and oscillations in barium ferrite films 11471
Golovkov, A.A. *see* Afonin, S.L. 3184
Golovkov, V.A., Zykin, M.V. Prediction of a random process based on sampling its derivatives 29622
Golovnin, I.V., Zhdanov, B.V., Kravtsov, N.V., Kovrigin, A.I., Laptev, G.D., Nanii, O.E., Makarov, A.A., Firsov, V.V. Fluctuations in the radiation of Nd:YAG ring chip lasers 28910
Golovnin, I.V. *see* Akhmanov, S.A. 21058
Golshan, N. Direct Broadcast Satellite-Radio, space-segment/receiver tradeoffs 38210
Golshan, N. *see* Vaisnys, A. 38238
Golshan, N. *see* Wu, T.K. 36382
Golshani, F. *see* Rastogi, P. 10921
Gol'tser, I.V., Zel'dovich, B.Ya., Kundikova, N.D., Naumova, I.I., Chaptsova, G.V. Effect of self-diffraction on the spatial-frequency band of a static holographic grating recorded by synchronous detection 12418
Goltsman, G. *see* Ekstrom, H. 27237
Gol'tsman, G.N. *see* Gousev, Yu.P. 43355
Goltsov, Yu.I. *see* Belozerov, V.V. 27322
Golub, G.H. *see* Calvetti, D. 33523
Golub, I.I. *see* Gamm, A.Z. 24590
Golub, V.S. Differential phase-shift keying demodulation with a delay in the keying function 36483
Golub, V.S., Svyachenyi, B.D. Analysis of the filterless frequency two-step delay and phase detection demodulation technique 44653
Golub', Yu.Ya., Rozanov, N.E. Dynamics of a high-current relativistic electron beam in magnetic and ionic wigglers. I. Basic equations and dynamics in an axisymmetric magnetic wiggler 35908
Golub, Yu.Ya., Rozanov, N.E., Shatkus, A.D. Numerical modeling of electromagnetic wave amplification in free-electron lasers with high-current beams in the presence of a spread of longitudinal velocities 43967
Golubchikov, A. *see* Ranucci, G. 24062
Golubev, G.P. *see* Dykman, M.I. 41711
Golubev, V. *see* Zakharenkov, L. 10756
Golubev, V.B. *see* Bes'chastnov, P.M. 46433
Golubev, V.S. *see* Abil'siitov, G.A. 11961
Golubev, V.S. *see* Galushkin, M.G. 11962
Golubovic, B. *see* Page, L.A. 38196
Golubovic, S. *see* Pejovic, M. 11211
Golubovic, S. *see* Pejovic, M. 19850
Golubovic, S. *see* Ristic, G. 2518
Golubovic, S. *see* Ristic, G. 34970
Golubtsov, P.V. *see* Filatova, S.A. 21936
Golutvin, A. *see* Kendall, H.W. 46970
Golwalkar, S. *see* Lau, J. 10561
Golwaltar, S. *see* Noctor, D.M. 40945
Golynskiy, S.M. *see* Gusev, V.D. 12606
Golyshev, N.V., Motorin, S.V., Rogachevsky, B.M. Automatic putting into the regime of SQUID-instruments 11542
Golyshev, N.V., Zelenkevich, R.L., Komashko, V.A., Motorin, S.V., Noskov, V.L., Rogachevsky, B.M. Noise of NbN-Nb_2O_5-Nb direct-current SQUIDs 11541
Golz, J., Di, Y.D., Halpern, B., Schmitt, J.J., Cirino, P., Bartlett, A. Jet vapor deposition of lead zirconate titanate (PZT) for thin film pyroelectric detectors 15038
Golzio, D., Graffi, S., Kovacs, Z.M.V., Masetti, G. Opamp macromodel design techniques for EMI effects simulation 36272
Golzio, D., Graffi, S., V.-Kovacs, Z.M., Masetti, G. Correlation between EMI-induced failures and large-signal response of FET-input opamps 1070
Gombert, A. *see* Brandenburg, A. 14967
Gomei, Y. *see* Kikuchi, Y. 27863
Gomei, Y. *see* Mitsui, S. 27857
Gomei, Y. *see* Moel, A. 27861
Gomenyuk, Yu.V., Lysenko, V.S., Osiyuk, I.N., Tyagulskii, I.P. The behaviour of minority carriers in thermally stimulated studies of the Si-SiO_2 interface 10772
Gomes, A. *see* Benvenuti, A. 7252
Gomes, A. *see* Jorge, H. 24701
Gomes, A.S.L., Maciel, G.S., De Araujo, R.E., Acioli, L.H., De Araujo, C.B. Diode pumped avalanche upconversion in Pr^{3+}-doped fibers 3874
Gomes, A.S.L. *see* Bernardin, J.P. 12376
Gomes, A.S.L. *see* Ma, H. 3820
Gomes, N.J. *see* Razzooqi, K.A.R. 1509
Gomes, P.R.C. *see* de Freitas, L.C. 16972
Gomes, W.P. *see* Strubbe, K. 2161
Gomes, W.P. *see* Strubbe, K. 2162
Gomez, A. *see* Castano, V.M. 47019
Gomez, C.M., Ramirez, G., Ojeda-Castaneda, J. Polarization sensitive holographic interferometer 44155
Gomez, D., Schonfeld, C. Architecture and implementation for a high reliability long-term mission space computer 39217
Gomez, D. *see* Gonzalez, L. 33595
Gomez, J.F. *see* Lloris, A. 10104
Gomez, L., Hernandez, A., Nunez, A. Timing analysis for DCFL/SDCFL VLSI circuits 2679
Gomez, L., Hernandez, A., Nunez, A. Multiobjective optimization using analytical models of GaAs high-speed digital circuits 20022
Gomez, M.E. *see* Prieto, P. 11519
Gomez, M.L. *see* Susak, D.M. 37718
Gomez, M.T., Santamaria, J., Domingo, A. Algorithm for automatic recognition of targets in infrared images 29894
Gomez, M.T. *see* Domingo, A. 29895
Gomez, P. *see* Rodellar, V. 13091
Gomez, P. *see* Rodellar, V. 18597
Gomez, P. *see* Rodellar, V. 29533
Gomez, P.J., Corredera, P., Pons, A., Campos, J., Corrons, A. Experimental technique for optical time domain reflectometers calibration 11618
Gomez, R., Rofougaran, M., Abidi, A.A. A discrete-time analog signal processor for disk read channels 27104
Gomez, R.D., Adly, A.A., Mayergoyz, I.D., Burke, E.R. Magnetic force scanning tunneling microscopy: theory and experiment 43249
Gomez, R.D. *see* Adly, A.A. 43309
Gomez, R.D. *see* Burke, E.R. 43302
Gomez, R.Garcia *see* Garcia Gomez, R.
Gomez, T. *see* Conejo, A. 7843
Gomez Exposito, A., Martinez Ramos, J.L., Ruiz Macias, J.L., Cuellar Salinas, Y. Sensitivity-based reactive power control for voltage profile improvement 24695
Gomez Martin, R., Salinas, A., Rubio Bretones, A. Time domain integral equation methods for transient analysis of thin wire structures 29091
Gomez Salas, E. *see* Anton Molina, O. 38493
Gomez-Daza, O. *see* Fernandez, A.M. 34546
Gomez-Daza, O. *see* Sebastian, P.J. 34557
Gomez-Goni, J., Grobner, O., Mathewson, A.G., Poncet, A. A simulation of the gas desorption in the LHC using low critical energy synchrotron radiation 15313
Gomez-Goni, J., Mathewson, A.G., Poncet, A. The vacuum behaviour of screen pumping holes in the LHC studied by Monte Carlo simulation techniques 15314
Gomez-Polo, C., Olofinjana, A.O., Marin, P., Vazquez, M., Davies, H.A. The influence of nanocrystalline microstructure on the magnetic properties of a wire shaped ferromagnetic alloy 43279
Gomez-Salas, E. *see* Ferreras, A. 35449
Gomez-Vilda, P. *see* Perez-Castellanos, M. 18753
Gomi, F. *see* Itoh, T. 44224
Gomi, K. *see* Asada, E. 39976
Gomi, K. *see* Tanaka, H. 20154
Gomikawa, K. *see* Matsumura, Y. 17863
Gomisel, G. *see* Mangozzi, E. 48352
Gomm, D., Kindler, E., Paech, B., Walter, R. Compositional liveness properties of EN-Systems 18014
Gomozov, V.A., Matveenko, Z.I., Panchenko, V.P., Shurigina, L.S. Experimental research of the condensed phase characteristics in the combustion products of pulsed MHD generator 25754
Gompf, B. *see* Selle, M. 35148
Gomulka, S. *see* Anderson, G. 38901
Gomyo, A., Makita, K., Hino, I., Suzuki, T. Observation of a new ordered phase in $Al_xIn_{1-x}As$ alloy and relation between ordering structure and surface reconstruction during molecular-beam-epitaxial growth 26410
Gomyo, A. *see* Ueno, Y. 12173
Gon Donmei *see* Zhang Wenzhen 29070
Gon Kim Tae *see* Tae Gon Kim
Goncalves, F. *see* Saraiva, M. 1189
Goncalves, J. *see* Nunes, M.S. 14288
Goncalves, J.G.M. *see* Sequeira, V. 31047
Goncalves, J.G.M. *see* Silva, F.M. 22503
Goncalves, M.C. *see* Teschke, O. 2141
Goncalves da Silva, C.E.T. *see* Neuenschwander, R.T. 15533
Goncharenko, A.M., Khilo, N.A., Korneyev, N.N. Method for forming laser beams with uniform output amplitude distribution 3708
Goncharenko, I.A. *see* Pilipovich, V.A. 35354
Goncharenko, V.P. *see* Asina, S.S. 19800
Goncharenko, V.P. *see* Martorossian, G.A. 15553
Goncharov, A.D. *see* Alinovsky, N.I. 15330
Goncharov, P.I. *see* Buzulutskov, F. 24056
Goncharov, V.A. *see* Gurtovoi, V.L. 28404
Goncharov, V.A. *see* Ponizovskii, A.Z. 35129
Goncharov, V.D. *see* Baranov, I.Ya. 43728
Goncharov, V.N. *see* Alfimov, G.L. 3828
Goncharova, O.V., Sinitsyn, G.V., Tikhomirov, S.A. Subpicosecond-scale change in transmission spectrum of vacuum deposited thin film CdS-interferometers 3787
Gonchond, J.P. *see* Ferlazzo, L. 2228
Gonda, A. *see* Kondo, K. 30986
Gonda, S. *see* Asahi, H. 33599
Gonda, S. *see* Kim, S.G. 42524
Gonda, S. *see* Seta, M. 9622
Gondermann, J., von Kamienski, E.G.S., Roskos, H.G., Kurz, H. Al-SiO_2-Al sandwich microstrip lines for high-frequency on-chip interconnects 42141
Gondermann, J. *see* von Kamienski, E.S. 1383

Gondry, J., Marque, C., Duchene, J., Cabrol, D. Electrohysterography during pregnancy: preliminary report 7442
Gonella, F., Quaranta, A. Refractive-index profiles of double-silver-exchanged glass systems 28476
Gong, G. A new class of sequences: mapping sequences 12850
Gong, G., Di Porto, A., Wolfowicz, W. Galois linear group sequences 44649
Gong, G., Di Porto, A., Wolfowicz, W. Performance testing of Galois linear group sequences 44650
Gong, J., Gao, J., Gu, G. A conceptual model and its implementation strategies for the management of enterprise-oriented computer network 14220
Gong, J. *see* Volakis, J.L. 30876
Gong, J.A., Chen, W.K. Computer-aided design of a singly-matched (S-M) multiplexer with a common junction 1568
Gong, L. *see* Hagel, R. 44236
Gong, P. *see* Schwarz, K.P. 39369
Gong, S. *see* Chen, B. 8428
Gong, T., Fauchet, P.M. Carrier-carrier interactions in GaAs investigated by femtosecond spectroscopy 19346
Gong, W. *see* Ganz, A. 6027
Gong, W. *see* Manry, M.T. 21900
Gong, W. *see* Tella, R. 42300
Gong, W.-B. *see* Bremaud, P. 474
Gong, Y., Haton, J.-P. Plausibility functions in continuous speech recognition: the VINICS system 4514
Gong, Y. *see* Charpillet, F. 13417
Gong, Y. *see* Coleman, R.V. 15656
Gong Chen, Wallace, J.P., Cerrina, F. Linear-Fresnel-zone-plate-based two-state alignment method for sub-0.25 μm X-ray lithography system 27866
Gong Chenghe *see* Chenghe Gong
Gong Dawei, Yang Xiaoping, Wei Xing, Zheng Guoxiang, Hu Jihuang, Zhang Xiangjiu, Sheng Chi, Wang Xun, Dong Jianmin, Wu Zuoliang, Liang Pingzhi A new type of far infrared detector based on Ge_xSi_{1-x}/Si heterojunction 23629
Gong Dawei *see* Dawei Gong
Gong Guo-Hua *see* Guo-Hua Gong
Gong Jian *see* Jian Gong
Gong Ke *see* Feng Zhenghe 6749
Gong Li *see* Li Gong
Gong Liangxian *see* Liangxian Gong
Gong Linghua, Shen Yixiong, Yang Xiangjun, Li Renxing, Jin Ruixin The control and monitor system of EN-tandem accelerator at Peking University 15336
Gong Shao-Fang *see* Shao-Fang Gong
Gong Shen *see* Shen Gong
Gong Sheng-Rong *see* Zhan De-Chen 29836
Gong Shuxing *see* Chen Juxin 38501
Gong Wei *see* Wei Gong
Gong Xiuying *see* Suzuki, I. 726
Gong Xiuying *see* Xiuying Gong
Gong Yuh-Ga *see* Yuh-Ga Gong
Gongying Yuan *see* Yuan Gongying
Gongzhu Hu, Ze-Nian Li An X-crossing preserving skeletonization algorithm 45195
Goni, U.S. *see* Turkmani, A.M.D. 22899
Gonin, M. *see* He Zhiyong 46884
Gonneau, E. *see* Schmitt, F. 21877
Gonnenwein, F. *see* Fioni, G. 7286
Gonord, P., Siew Kan Twin-horseshoe resonator—an investigation 36128
Gonsalves, T.A. *see* Jhunjhunwala, A. 22634
Gonschorek, K.-H. *see* Graskamp, B. 44446
Gontar, I.A., Grimal'skii, V.V., Koshevaya, S.V. Clarification of an inhomogeneous plasma layer by a magnetic field 44352
Gonter, T.C. *see* Fouts, D.J. 26939
Gonthier, D. *see* Pickett, R.M. 38964
Gonthier, F. *see* Dumais, P. 12384
Gontier, D. *see* Hara, T. 43970
Gontijo, I., Krauss, T., De La Rue, R.M., Roberts, J.S., Marsh, J.H. Very low loss extended cavity GaAs/AlGaAs lasers made by impurity-free vacancy diffusion 28828
Gonzales, A. *see* Kendall, H.W. 46970
Gonzales, B. *see* Tkaczyk, S. 46989
Gonzales, D.R. Using the Motorola DSP on-chip emulation circuit 26990
Gonzalez, A.J. Fundamental principles of protection and safety for nuclear power 8070
Gonzalez, C.M. A 500 W, 100 kHz, resonant convertor using MOSFETs 18475
Gonzalez, E.R. *see* Maia, G. 8742
Gonzalez, F. *see* Docampo, D. 13151
Gonzalez, F. *see* Sanchez-Gil, J.A. 29143
Gonzalez, F. *see* Thakur, R.P.S. 2671
Gonzalez, G.Castor *see* Castor Gonzalez, G.
Gonzalez, H. *see* Banham, M.R. 22278
Gonzalez, H. *see* Bowden, M. 38924
Gonzalez, I. *see* Portelles, J. 2714
Gonzalez, J. *see* Forest, F. 16968
Gonzalez, J. *see* Hernandez-Munoz, J.M. 26728
Gonzalez, J.J. *see* Alvarez, J.A. 9827
Gonzalez, J.J. *see* Gleizes, A. 17100
Gonzalez, J.L. *see* Nuno, F. 145
Gonzalez, J.V. *see* Dede, E.J. 9042
Gonzalez, J.V. *see* Dede, E.J. 33166
Gonzalez, L., Gonzalez, Y., Dotor, M.L., Golmayo, D., Gomez, D., Briones, F. Low temperature InP/Si technology: from Si substrate preparation to epitaxial growth 33595
Gonzalez, L. *see* Vila, A. 9543
Gonzalez, M. *see* Dufey, J.-P. 38940
Gonzalez, M. *see* Tejedor, M. 6744
Gonzalez, P., Fernandez, D., Pou, J., Garcia, E., Serra, J., Leon, B., Perez-Amor, M., Szorenyi, T. Study of the gas-phase parameters affecting the silicon-oxide film deposition induced by an ArF laser 2146
Gonzalez, P. *see* Fernandez, D. 41453
Gonzalez, T., Pardo, D., Varani, L., Reggiani, L. Monte Carlo analysis of noise spectra in Schottky-barrier diodes 11126
Gonzalez, T., Pardo, D., Varani, L., Reggiani, L. Spatial analysis of voltage fluctuations in smeiconductor n^+nn^+ structures 19360
Gonzalez, T. *see* Varani, L. 19707
Gonzalez, V., Bacalao, A., Thomas, M., Hall, S. Assessing the impact of spares on unit availability and cost for the new Martin combined cycle plant 32761
Gonzalez, Y. *see* Gonzalez, L. 33595
Gonzalez, Y. *see* Vila, A. 9543
Gonzalez Arias, A. *see* Iglesias, A. 11472
Gonzalez de la Cruz, G. *see* Ramirez-Bon, R. 3309
Gonzalez de Mendivil, J.R. *see* del Campo, I. 18759
Gonzalez Soto, O., Sexton, M., Tardini, C., Wulf-Mathies, C. SDH network planning and management 22452
Gonzalez-Calbet, J.M. *see* Labeau, M. 6640
Gonzalez-Cano, A., Bernabeu, E. Automatic optical sensor for thickness control of thin transparent films 15074
Gonzalez-Concepcion, C. *see* Gonzalez-Pinto, S. 33559
Gonzalez-Diaz, G. *see* Hernandez-Rojas, J.L. 33723
Gonzalez-Marcos, A., Martin-Pereda, J.A. Quasi-chaotic digital behaviour in an optically-processing element 35518
Gonzalez-Mestres, L. *see* de Marcillac, P. 24058
Gonzalez-Pinto, S., Gonzalez-Concepcion, C., Montijano, J.I. Iterative schemes for Gauss methods 33559
Gonzalez-Sanz, F. *see* Fernandez de Avila, S. 34668
Gonzalez-Sustaeta, J. A proposed framework for distribution management data integration 7772
Gonzalez-Vega, L., Lombardi, H., Recio, T., Roy, M.-F. Sturm theorem specialisation [roots of polynomial] 33521
Gonzalo, F. *see* Luque, J. 47417
Goo, L.K. *see* Chua, S.J. 20878
Goo Jung-Suk *see* Jung-Suk Goo
Goo Min Byoung *see* Byoung Goo Min
Goo Nho Hong *see* Hong Goo Nho
Goobar, E., Karlsson, A., Bjork, G. Noiseless optical amplifiers/taps for 50 ECU 38009
Gooch, R.P. *see* Artman, D.J. 21888
Good, M.D., Gilkey, R.H. Masking between spatially separated sounds 4781
Goodaker, A.W. *see* Davis, J.F. 24413
Goodall, F. *see* Martin, B. 19683
Goodall, R., Alvarez, F. Characterization of stepper chuck performance 19680
Goodall, S. *see* Haynes, L. 23428
Goodberlet, J., Hagelstein, P.L. Chirp-compensated autocorrelation of optical pulses 4810
Goode, P.W., Vazquez, S.L., Cooper, E.G. Topographic characterization 24403
Goode, P.W. *see* Vazquez, S.L. 45491
Goodenough, F. IC op amps combine low cost and performance 1075
Goodenough, F. Wideband IC op amps reach new bandwidth highs 1076
Goodenough, F. Recent advances stretch bipolar/BiCMOS processes 2688
Goodenough, F. NiCd battery charger hides in AC-line plug 8490
Goodenough, F. Microcontroller switches 5-A, 60-V current pulses 9941
Goodenough, F. Clever designs spawn 40-MHz/10-bit/0.2-W ADCs 27008
Goodenough, F. SiGe, SOI to lead analog mixed-signal processes 28285
Goodenough, F. Tiny IC plus FET builds "super LDO" regulator 41628
Goodenough, J. *see* Davidson, S. 41964
Goodenough, J.B. Comments on components of methanol/air fuel cells 17301
Goodenough, S.J. *see* Pierce, R.H. 47327
Goodhew, P.J. *see* Sun, D. 708
Goodhew, P.J. *see* Xing, Y.R. 9542
Goodhue, W.D. *see* Donnelly, J.P. 28870
Goodhue, W.D. *see* Le, H.Q. 3624
Gooding, P. *see* Hutchison, S.B. 20719
Goodings, C.J., Mizuta, H., Cleaver, J.R.A. Electrical studies of charge build-up and phonon-assisted tunneling in double-barrier materials with very thick spacer layers 34567
Goodings, C.J., Mizuta, H., Cleaver, J.R.A., Ahmed, H. Electron confinement in variable-area resonant tunnelling diodes using in-plane implanted gates 42858
Goodings, R.L.A. *see* Haine, J.L. 37812
Goodman, C.J. *see* Carter, J. 8592
Goodman, C.J. *see* Smith, D.M. 2491
Goodman, C.J. *see* Smith, D.M. 41643
Goodman, D.J. Personal communications 45826
Goodman, D.J., Imielinski, T. Future directions for wireless data 45541
Goodman, D.J. *see* Grandhi, S.A. 22839
Goodman, D.J. *see* Kuek, S.S. 22842
Goodman, D.J. *see* Serizawa, M. 22894
Goodman, D.S. *see* Gortych, J.E. 42818
Goodman, J., Hou, T., Tadmor, E. On the stability of the unsmoothed Fourier method for hyperbolic equations 33553
Goodman, J.W. *see* Ozaktas, H.M. 11741
Goodman, J.W. *see* Pinkston, T.M. 43569
Goodman, R. *see* Miller, J.W. 21477
Goodman, S.A., Auret, F.D., Hayes, M., Myburg, G., Meyer, W.E. Electrical and defect characterization of n-type GaAs irradiated with α-particles using a van de Graaff accelerator and an Am-241 radio-nuclide source 34600
Goodman, S.A., Auret, F.D., Meyer, W.E. Hole defects in molecular beam epitaxially grown p-GaAs introduced by alpha irradiation 27484
Goodman, S.E. *see* Chereshkin, D. 22394
Goodman, S.H. *see* Walker, F. E. 42228
Goodman, T.N.T. New bounds on the zeros of spline functions 33512
Goodner, R. *see* Grivna, G. 19694
Goodnick, S.M. *see* Wu, J.C. 1877
Goodrich, D.C. *see* Jackson, T.J. 24504
Goodrich, L.F., Srivastava, A.N., Stauffer, T.C. Standard reference devices for high temperature superconductor critical current measurements 23837
Goodson, H. *see* Turcu, I.C.E. 28025
Goodson, K. *see* Hamilton, H. 2831
Goodson, K.E., Flik, M.I., Su, L.T., Antoniadis, D.A. Annealing-temperature dependence of the thermal conductivity of LPCVD silicon-dioxide layers 10761
Goodson, K.E. *see* Su, L.T. 35005
Goodwill, D. *see* Tooley, F.A.P. 20398
Goodwill, D.J., Walker, A.C., Stanley, C.R., Holland, M.C., McElhinney, M. Improvements in strain-balanced InGaAs/GaAs optical modulators for 1047 nm operation 35490
Goodwill, D.J. *see* Ryvkin, B.S. 43512
Goodwin, A.R., Collar, A.J., Davies, I.G.A., Henshall, G.D., Anslow, P.J., Rashid, A. Reliability considerations of multi quantum well sources for optical fibre communication systems 20838
Goodwin, A.R. *see* Davies, I.G.A. 28880
Goodwin, D.G. *see* Corat, E.J. 9702
Goodwin, F., Chapman, P., Shacham-Diamand, Y., Rathbun, L. TiN thin films deposited by an alternating reaction of a low-energy nitrogen beam with DC magnetron sputtered titanium 830
Goodwin, F. *see* Shacham-Diamand, Y. 783
Goodwin, G.C. *see* Weller, S.R. 29697
Goodwin, L.M. *see* Zimmer, M.J. 7850
Goodwin, M.J. *see* Hall, J.P. 43670
Goodwin, M.W. *see* Chandra, D. 10789
Goodwin, P. *see* Randall, B. 391
Goodwin, P.M. *see* Brunco, D.P. 6839
Goodwin-Johansson, S., Xuefeng Liu, Ray, M. Two-dimensional doping profiles from experimentally measured one-dimensional secondary ion mass spectroscopy data 42384
Goodwin-Johansson, S. *see* Liu, X. 42611
Goodyear, S.W. *see* Keene, M.N. 20213
Gooi, H.B., Arunasalam, A.N., Wee, H.E., Wong, K.K. Automatic generation of one-line diagrams 7799
Gooi, H.B. *see* Teo, C.Y. 32394
Gook Chun In *see* In Gook Chun
Gook Kang Hyun *see* Hyun Gook Kang
Gool, L.J.Van *see* Van Gool, L.J.
Goole, A.M. *see* Xiao Jiang 7709
Goon, J. *see* Hutter, L. 11328
Goon, J.D. *see* Hutter, L.N. 11325
Goonesekera, A. *see* Liphardt, M. 28423
Goor, A.J.van de *see* van de Goor, A.J.
Goor, F.A.van *see* van Goor, F.A.
Goor, P.F.A.van de *see* van de Goor, P.F.A.
Goorsk, M. *see* Cheung, J.T. 35142
Goorsky, M.S., Horng, S.T., Wang, P.J. High resolution X-ray diffraction for Ge composition profile determination in $Si/Si_{1-x}Ge_x$ heterostructures 1897
Goosens, R. *see* Ravaioli, U. 11109
Goosey, M.T. New chemistries for advanced printed circuit board fabrication 1718
Goossen, K.W., Cunningham, J.E., Jan, W.Y. Monolithic integration of normally-on and normally-off asymmetric Fabry-Perot modulators by selective anti-reflection coating 3377
Goossen, K.W., Cunningham, J.E., Jan, W.Y. Electroabsorption in ultranarrow-barrier GaAs/AlGaAs multiple quantum well modulators 35497
Goossen, K.W., Cunningham, J.E., Santos, M.B., Jan, W.Y. Strain-balanced InGaAs/GaAsP multiquantum well reflection modulator operating near 1.06 μm on GaAs and silicon substrates 11681
Goossen, K.W., Santos, M.B., Cunningham, J.E., Jan, W.Y. Independence of absorption coefficient-linewidth product to material system for multiple quantum wells with excitons from 850 nm to 1064 nm 43530

Goossen, K.W. *see* Froberg, N.M. 43519
Goossen, K.W. *see* Planken, P.C.M. 19388
Goossens, G. *see* Pauwels, M. 18817
Goossens, G. *see* Vanbekbergen, P. 26307
Goossens, G. *see* Vanbekbergen, P. 41602
Goossens, J. *see* Phadke, A.G. 47608
Goossens, P. Function block modelling of power electronic circuits using VisSim 41644
Goossens, R.H.M., Snijders, C.J., Hock van Dyke, G.A., den Ouden, A.H. A new instrument for the measurement of forces on beds and seats 24144
Goossens, R.J.G., Beebe, S., Zhiping Yu, Dutton, R.W. An automatic biasing scheme for tracing arbitrarily shaped I-V curves 34889
Gopakumar, K., Ranganthan, V.T., Bhat, S.R. Split-phase induction motor operation from PWM voltage source inverter 25449
Gopal, I. *see* Cidon, I. 30411
Gopal, I.S. *see* Cidon, I. 22543
Gopal, I.S. *see* Garay, J.A. 5156
Gopal, J. An integrated approach to computerised telecom applications 37371
Gopal, M. *see* Zukowski, D. 37549
Gopal, N. *see* Kim, S.-Y. 28241
Gopal, P.M. *see* Cidon, I. 30411
Gopal, P.M. *see* Verma, D.C. 30252
Gopal, R. *see* Ahmad, S. 27226
Gopal, V. *see* Bhan, R.K. 35582
Gopalakrishnan, G., Akella, V. A transformational approach to asynchronous high-level synthesis 34021
Gopalakrishnan, G., Akella, V. High-level optimizations in compiling process descriptions to asynchronous circuits 41598
Gopalakrishnan, G. *see* Akella, V. 26886
Gopalakrishnan, G.K., Burns, W.K., Bulmer, C.H. A $LiNbO_3$ microwave-optoelectronic mixer with linear performance 3384
Gopalakrishnan, G.K., Chang, K. Novel excitation schemes for the microstrip ring resonator with lower insertion loss 27174
Gopalakrishnan, G.K., Kai Chang, Weichold, M.H., Taylor, H.F., Iyer, S.V. Microwave-optoelectronic performance of a ridged heterostructure microstrip ring resonator 27228
Gopalakrishnan, K.R. *see* Bhattacharya, S. 6350
Gopalakrishnan, P.S. *see* Bahl, L.R. 4482
Gopalakrishnan, V. Electronic latching system 26908
Gopalakrishnan, V. Capacitance meters and transistor tester 38381
Gopalan, G. Provision of STD facility to villages and Taluq—present scenario and future impacts 5403
Gopalan, K., Mahil, S.S. Speaker identification using singular value decomposition of LPC spectral magnitudes 21655
Gopalan, R. Filters for hard disk read channels 10265
Gopalan, R. *see* Fields, K. 10342
Gopalarao, K.S.V., Mozumder, P.K., Boning, D.S. An integrated technology CAD system for process and device designers 34660
Gopel, W. Sensors in Europe and 'Eurosensors': state-of-the-art and the science in 1992 6385
Gopel, W. *see* Dubbe, A. 15242
Gopel, W. *see* Moore, S.W. 6634
Gopel, W. *see* Schierbaum, K.D. 26527
Gopel, W. *see* Shuk, P. 6644
Gopel, W. *see* Zhou, R. 6628
Gopher, D., Kimchi, R., Seagull, F.J., Catz, I., Trainin, O. Flying with dichoptic displays: the interplay between display characteristics and attention control 15963
Gopher, D., Weil, M., Bareket, T. The transfer of skill from a computer game trainer to actual flight 7693
Gopi, P.K., Li, G.P., Sonek, G.J., Dunkley, J., Hannaman, D., Patterson, J., Willard, S. New degradation mechanism associated with hydrogen in bipolar transistors under hot carrier stress 2448
Gopinath, A. *see* Abid, Z.E. 44509
Gopinath, A. *see* Dong, H. 12227
Gopinath, A. *see* Haozhe Dong 44510
Gopinath, A. *see* Wei Yang 3646
Gopinath, A. *see* Yu, M. 3178
Gopinath, B. *see* Foschini, G.J. 22834
Gopinath, B. *see* Sudarshan Rao 37787
Gopinath, R.A., Burrus, C.S. Oversampling invariance of wavelet frames 13366
Gopinath, R.A. *see* Steffen, P. 44975
Gopinath, V., Salbert, G.T., Grotjohn, T.A., Reinhard, D.K. Electron cyclotron resonance sputter removal of SiO_2 on silicon wafers 27734
Gora, S., Kapron, H. Retrofitting of existing thermal power plants using MHD generator for different operational conditions 25304
Goras, L., Davideanu, C. A class of constant envelope shaping functions 29685
Goras, L., Marcuta, C. On linear inductance- and capacitance-time conversions using NIC-type configurations 10374
Goras, L. *see* Rosman, H. 41551
Gorbachev, A.P., Petrov, S.Yu. Quarter-wave directional couplers employing coupled three-wire lines 44477
Gorbachev, S.I. *see* Abdullin, E.N. 3429
Gorbachevskii, S.K., Zhuk, S.Ya. Modified algorithm of recurrent-search estimate 44830
Gorbachevskii, S.K. *see* Zhuk, S.Ya. 4771
Gorbachevskii, S.K. *see* Zhuk, S.Ya. 14736
Gorbachinskii, S.I. *see* Zarubin, L.A. 16688
Gorbachov, A.V. *see* Huhse, D. 28829
Gorbatov, S.S., Usanov, D.A., Venig, S.B., Semenov, A.A., Vinenko, V.G. Gunn-diode microwave generator synchronized on a subharmonic 10470
Gorbatov, S.S. *see* Usanov, D.A. 42834
Gorbenko, O.Yu., Decker, W., Wahl, G. Investigation of the kinetics of MOCVD with a stagnation cell 9728
Gorbics, S.G., Pereira, N.R. Differential absorption spectrometer for pulsed bremsstrahlung 7300
Gorbienko, I.D., Barsov, V.I. Application of P-ADIC transforms for the calculation of digital convolution 29735
Gorbienko, I.D., Zamula, A.A., Rodionov, S.V. The formation of characteristic discrete signals with improved properties 29581
Gorbov, M.M. *see* Strunsky, M.G. 42259
Gorbunov, P. *see* Artamonov, A. 31697
Gorbunov, P.V. Discharge voltages of disk insulator 24998
Gorbunov, V., Gratchev, M., Seleznev, V., Yabzhanov, V. Status report on the control system for the MMF experimental area 15321
Gorbunov, V. *see* Akopyan, M. 15528
Gorbunov, V.A. *see* Auslender, V.L. 6910
Gorbunova, N.G. *see* Svichar, A.E. 16669
Gorchakov, A.P. *see* Ginzberg, L.P. 11605
Gorchakov, A.P. *see* Ginzburg, L.P. 11604
Gorczyca, I. *see* Suski, T. 42503
Gorczyca, T.B., Cole, H.S., Gorowitz, B. Advanced packaging applications for the GE-HDI multilamination process 393
Gordeev, A. *see* Young, K.G. 7242
Gordeev, A.A., Efimkov, V.F., Zubarev, I.G., Mikhailov, S.I., Sobolev, V.B. Efficient combiner based on a Brillouin nonlinearity 28922
Gordeev, A.A. *see* Ginzberg, L.P. 11605
Gordeev, A.A. *see* Ginzburg, L.P. 11604
Gordeev, E.M., Zazhivikhin, V.V., Korolev, V.D., Liksonov, V.I., Tulupov, M.V., Chernenko, A.S. Effects of local plasma formation with energy concentration in magnetically insulated transmission lines 32421
Gordeev, N.Yu., Zaitsev, S.V., Portnoi, E.L., Soshnikov, M.P., Khvostikov, V.P. Q-switching in double-heterostructure lasers with a multimode active layer 20761
Gordei, V.V., Poddubnyi, V.N. The effect of a harmonic interference on a PSK signal receiver with an input limiter 12820
Gorden, B. *see* Walton, R. 45790
Gordes, P., Christiansen, N. Synthesis and characterization of a new perovskite material for SOFC applications 17351
Gordes, P. *see* Christiansen, N. 17350
Gordeyev, A.P., Lazerson, A.G., Shlyakhter, M.Z. Determination of the noise characteristics of an electron stream on the basis of an analysis of its interaction with a traveling wave 10632
Gordienko, V.I. Signal detection algorithms based on the concept of scalar intersection 4767
Gordienko, V.I. Features of signal detection under conditions of indeterminacy with conflict coloration 13187
Gordienko, V.M., Putivskii, Y.Y. Coherent Doppler TEA CO_2 lidar for wind velocity measurement 47268
Gordienko, Y.E., Borodin, B.G., Krivoruchko, V.I. Excitation of H_{01} modes in a cylindrical resonator by an axially placed photoconducting semiconductor disc 29242
Gordinskiy, A.A. *see* Leyzerovich, A.Sh. 32688
Gordon, A.J. *see* Penn, B.S. 22076
Gordon, B.G., Kovalevich, O.M. Problems of investigations in large-scale experimental plants (nuclear power) 8067
Gordon, B.M. *see* Meng, T.H. 14489
Gordon, C.L., III *see* Barty, C.P.J. 20697
Gordon, C.W. *see* Knowles, W.M.C. 8110
Gordon, D. *see* Kriss, R.U. 41472
Gordon, D. *see* Zhang, J. 26517
Gordon, D.C. *see* Danek, M. 18262
Gordon, D.M. Designing and detecting trapdoors for discrete log cryptosystems 21529
Gordon, D.M., McCurley, K.S. Massively parallel computation of discrete logarithms 12932
Gordon, G.I., Mishnayevskiy, P.A. Determination of the noise factor of a Raman-amplifier 28783
Gordon, G.V., Shen, C., Shaw, M.T. A method for correlating natural aging data and its application to insulation aging in nuclear power plants 47642
Gordon, H. *see* Mohammed, O.A. 40831
Gordon, H.M. *see* Artaki, I. 34379
Gordon, H.M. *see* Artaki, I. 42297
Gordon, J.M., Kashin, P. Achieving uniform efficient illumination with multiple asymmetric compound parabolic luminaires 43600
Gordon, J.M., Kim Choon Ng Thermodynamic modeling of reciprocating chillers 48482
Gordon, J.P. *see* Knox, W.H. 20934
Gordon, J.P. *see* Mollenauer, L.F. 44096
Gordon, J.S., Vasile, S., Hazlett, T., Squillante, M. High sensitivity radiation detector for capillary electrophoresis 15099
Gordon, K. *see* Jain, V. 18652
Gordon, L., Woods, G.L., Eckardt, R.C., Route, R.R., Feigelson, R.S., Fejer, M.M., Byer, R. Diffusion-bonded stacked GaAs for quasiphase-matched second-harmonic generation of a carbon dioxide laser 12349
Gordon, L. *see* Chamberlin, K. 41223
Gordon, M., Kondor, S., Corban, E., Schrage, D. Rotorcraft aerial robot—challenges and solutions 39277
Gordon, M. *see* Draper, C. 34747
Gordon, M. *see* Olness, G. 34864
Gordon, M.S. *see* McOwan, P.W. 11705
Gordon, M.S. *see* Petric, P.F. 27905
Gordon, M.S. *see* Pfeiffer, H.C. 27908
Gordon, R. *see* Min, S. 44524
Gordon, R.G., Hoffman, D.M., Umar Riaz Low temperature preparation of gallium nitride thin films 863
Gordon, R.G. *see* Hu, J. 871
Gordon, R.K., Fook, S.H. A finite difference approach that employs an asymptotic boundary condition on a rectangular outer boundary for modeling two-dimensional transmission line structures 21323
Gordon, R.K., Kishk, A.A. A finite element method for determining the scattering from lossy cylinders illuminated by obliquely incident plane waves 44306
Gordon, R.K., Mittra, R. Finite element analysis of axisymmetric radomes 4349
Gordon, S.J. Real-time 3D range sensor 6791
Gordon, T. *see* Dynes, S. 37714
Gordon, W.B. High frequency approximations to the physical optics scattering integral for curved edged surfaces 44355
Gordonov, A.N., Rezvaya, I.V. An astatic tuning-duration-optimized pulse-phase automatic frequency control system 14403
Gore, A.R. *see* Kumar, V. 8117
Gore, J., Horine, B., Phillips, J., Hoffman, R., Dodge, J. Low-cost surface mount packaging for SAWs 327
Gorelenok, A.T. *see* Ber, B.Ya. 42635
Gorelik, I.G. *see* Ametov, S.D. 28940
Gorelov, A., Odinokov, S., Odintsov, S., Rozhkov, O., Timashova, L., Shcherbakov, A. Recursive algorithm and optoelectronic processor for binary images processing 35523
Gorelov, A.M., Odinokov, S.B., Rozhkov, O.V. The recursive algorithms in the problems of optical processing of logic information 11747
Gorelov, G.V., Kazanskii, N.A., Lukova, O.N. Communication quality assessment in speech packet transmission networks with random service interrupts 4527
Gorelov, G.V., Kazanskii, N.A., Lukova, O.N. A method of assessing the quality of the packet transmission of speech in integrated digital networks 12987
Gorelov, G.V., Lukova, O.N. Stochastic discretization as a means of enhancing digital filtration accuracy 4676
Gorelov, V.A., Lachkov, G.G., Sobolevsky, V.M. A discussion: energy development in the Commonwealth of Independent States. Problems of decision making. Major trends in the development of East Siberian electric power system 24887
Goren, Y., Walling, L. Eddy current simulations for the SSCL Low Energy Booster cavity 46751
Goren, Y. *see* Ruiz, E. 46707
Gorenshtein, A., Segal, M., Peled, E. Characterization of CoS_x (x=2.1-4.5) as cathode materials for rechargeable lithium batteries 17244
Goresky, M. *see* Klapper, A. 12981
Goret, B. *see* Adam, W. 46929
Goretsky, V.P., Ryabtsev, A.V., Soloshenko, I.A., Tarasenko, A.F., Tschedrin, A.I. Kinetic processes in the negative hydrogen ion sources under high power discharge 38821
Goretsky, V.P. *see* Golovinsky, P.M. 46813
Goretta, O. *see* Krawczyk, R. 24467
Gorev, N.B., Makarova, T.V., Prokhorov, E.F., Ukolov, A.T., Eppel, V.I. Deep levels and reduction in the conductance of a direct selectively doped heterostructure on application of a triggering voltage pulse to the gate 1874
Gorfinkel, V.B. *see* Avrutin, E.A. 12131
Gorfinkel, V.B. *see* Luryi, S. 2459
Gorfu, Y., Schattner, P. Parallel computation for rapid reconstruction of volumetric ultrasonic images 7413
Gorfu, Y. *see* Hall, D.D.N. 24531
Gorfu, Y. *see* Jensen, J.F. 7411
Gorg, C. *see* Guntermann, M. 37751
Gorgucci, E. *see* Chandrasekar, V. 7601
Gorgucci, E. *see* Scarchilli, G. 16000
Gorgui-Naguib, R.N. *see* Tahir, J.M. 10051
Gorham, B. Spatial metrology using shaped laser beams 46613
Gorham, P.W. *see* Grajew, G. 37613
Gori, F. *see* Schirripa Spagnolo, G. 12491
Gori, M. *see* Frasconi, P. 13079
Goricke, P. *see* Bernstein, W. 16676
Gorig, B. *see* Kraft, A. 40394

Gorin, A., Mammone, R.J. Introduction to the special issue on neural networks for speech processing 36617
Gorin, A. *see* Autiero, D. 15630
Gorin, A.L., Levinson, S.E., Sankar, A. An experiment in spoken language acquisition 36627
Gorin, A.M. *see* Cianfarani, C. 31731
Gorin, V.V. *see* Burdo, O.S. 24426
Goring, R., Rasch, A., Karthe, W., Bauer, J., Dammann, E., Fritsch, E. Stability problems of $LiNbO_3$ waveguide components for interferometric applications in the visible and near infrared regions 3101
Goring, R. *see* Kley, E.-B. 35467
Gorini, E. *see* Cataldi, G. 31666
Gorini, G. *see* Kallne, J. 7289
Gorisek, J. *see* Koncnik, D. 24754
Gorkunov, E.S., Kogan, L.K., Morozova, V.M., Baraz, E.M. Eddy current inspection of the tempering quality of thin-sheet carbon steel parts with variations in carbon content 41508
Gorkunov, E.S., Surin, G.V., Baraz, E.M., Kogan, L.Kh., Tartachnaya, M.V., Korolev, A.L. Coercimetric instruments for the quality control of surface strengthening, structure, and mechanical properties of rolled stock, heat-treated steel, and cast-iron products 41526
Gorkunov, E.S. *see* Chulkova, A.A. 41528
Gorlanov, S.F., Zlokazov, V.B. Simple amplifier with high zero stability 1087
Gorlatov, V.S. *see* Zhuravlev, B.I. 15596
Gorlich, S., Mohr, K., Klose, N., Pfeifer, P., Voigt, P., Wieser, J. Investigations of an applanation tonometer with an integrated optical waveguide 39001
Gorman, B. *see* Ramsay, B. 32104
Gorne, T., Schneider, M. Design of digital filters with evolutionary algorithms 42057
Gornicki, W. *see* Zielinski, J.S. 7856
Gornik, E., Smoliner, J., Rosskopf, V. Electrical and optical characterization of nanostructures 42483
Gornik, E. *see* Berthold, G. 42536
Gornik, E. *see* Brugger, H. 46387
Gornik, E. *see* Diniz, R. 11127
Gornik, E. *see* Engelhardt, C.M. 42507
Gornik, E. *see* Gmachl, C. 35863
Gornik, E. *see* Goldstein, M. 2647
Gornik, E. *see* Goldstein, M. 43105
Gornik, E. *see* Kiener, C. 27558
Gornik, E. *see* Kock, A. 3587
Gornik, E. *see* Kock, A. 35770
Gornik, E. *see* Kock, A. 35829
Gornik, E. *see* Kremser, C. 20778
Gornik, E. *see* Rosenberger, M. 35866
Gornik, E. *see* Suski, T. 42503
Gornik, E. *see* Wirner, C. 11260
Gornostaev, S.V. *see* Barankevich, V.I. 40614
Gornov, M.G. *see* Amelin, A.I. 7287
Gorobets, N.N., Eliseyeva, N.P. The radiation characteristics of an electric dipole parallel to a bounded plane screen 12724
Gorobets, N.N., Yeliseyeva, N.P. Directional and polarization characteristics of the radiation of finite-size corner antennas with an arbitrary aperture angle 12720
Gorochov, O. *see* Dumont, H. 41307
Gorodetskii, V. *see* Drachsel, W. 42379
Gorodetsky, M.L. *see* Ilchenko, V.S. 46385
Gorodnichev, V.B., Kachanov, V.A., Khodyrev, V.Yu., Kurchaninov, L.L., Rykalin, V.V., Solovianov, V.L., Ukhanov, M.N. Study of position resolution and electron-hadron separation of electromagnetic calorimeter with a silicon structure 46954
Gorodyskii, A.V. *see* Sazhin, S.V. 25649
Gorokhov, A.Yu. *see* Abramovich, Yu.I. 13199
Gorokhov, A.Yu. *see* Abramovich, Yu.I. 36728
Goromaru, T., Katsuki, M., Iwakawa, N., Yoshikuni, N. Improvement of characteristics of instrument system by feedback of output variable 38434
Gorowitz, B. *see* Gorczyca, T.B. 393
Gorowitz, B. *see* Lyke, J.C. 40929
Gorria, P., Orue, I., Plazaola, F., Fernandez-Gubieda, M.L., Barandiaran, J.M. Magnetic and Mossbauer study of amorphous and nanocrystalline $Fe_{86}Zr_7Cu_1B_6$ alloys 43282
Gorria, P. *see* Robert, M. 17952
Gorriz, M. *see* Schmidtchen, J. 3725
Gorrochategui, I. *see* Alvarez, J.A. 9827
Gorse, C. *see* Longo, S. 20632
Gorshkov, Yu.A., Polikovsky, M.V., Ovsjannikov, N.I. High temperature air heating for MHD-power plant and application of prototype installations in iron making 25817
Gorsky, O.I. *see* Burylov, S.V. 25882
Gort, J.E., Streibl, I. Impact of terrestrial network evolution on advanced satellite business networks 5836
Gorten, J. *see* Wagner, H.G. 38345
Gortler, A., Schwandner, A., Christiansen, J., Frank, K., Granzer, H. Development of a high current pseudospark switch and measurement of electron density 40369
Gortler, A. *see* Mehr, T. 42277
Gorton, I. *see* Toong Shoon Chan 37492
Gortych, J.E., Goodman, D.S. Line ratio and image formation in photolithographic projectors 42818
Gorup, S. *see* Stajer, D. 7438
Gorup, Z. *see* Stajer, D. 7438
Gorur, A., Ciftlikli, C., Yilbas, B.S., Zahin, A.Z. Measurement of variation in optical properties of fiber optic cables produced by HESFIBEL and subjected to mechanical bending 30771
Gorur, R.S. *see* Sundararajan, R. 39635
Gorur, R.S. *see* Sundararajan, R. 47558
Goryachev, V., Zakharov, S. Perspective nonlinear materials for all-optical fast switching and logic gates 3841
Goryachev, V.A. *see* Zakharov, S.M. 43591
Goryachev, V.L., Rutberg, F.G., Safronov, A.A. Prospects in application of low-temperature plasma in fossil fuel fired boiler installations 25220
Goryacheva, H. *see* Kravtsov, V. 46331
Goryachkin, D.A. *see* Sherstobitov, V.E. 21056
Goryayev, D.N. *see* Belyakov, L.V. 30759
Goryunov, V.N., Serkova, L.E., Til, V.E., Tishchenko, O.A. Rational direction of magnetization of modular permanent magnets and composite magnets in electromechanical devices 16775
Gorzellik, P. *see* Mann, K. 3749
Gorzynski, M.E. *see* Berns, R.S. 15120
Gorzynski, M.E. *see* Berns, R.S. 15121
Gosbell, V.J. *see* Ghezelayagh, M. 7710
Gosbell, V.J. *see* Ghezelayagh, M. 7945
Goscinski, A., Ni, Y. Object trading in open systems 37517
Goscinski, A., Toomey, W. A fast and reliable transport protocol for real-time distributed systems 37487
Gosden, D. *see* Sathiakumar, S. 8271
Gosden, D.F. Which motor for an EV drive—induction or PM AC? 40627
Gosden, D.F. Wide speed range operation of an AC PM EV drive 48312
Gosden, D.F. *see* Asaii, B. 40218
Gosele, U. *see* Tong, Q.-Y. 1957
Gosele, U. *see* Tong, Q.-Y. 27614
Gosele, U. *see* Bullis, W.M. *(editor)* 69
Gosele, U.M. *see* You, H.M. 27526
Goser, K. *see* Surmann, H. 9915
Goshtasby, A. Recovering scene structures from scattered surface points 4824
Goshtasby, A. On edge focusing [scale-space imaging] 45188
Goslar, M.D. *see* Grover, V. 5269
Gosling, I. Extending bass [loudspeaker design] 38363
Gosling, I.G. Reduction of edge reflections in the TLM model 21154
Gosnell, T.R. *see* Taylor, A.J. 20625
Gospe, S. *see* La Rue, R.A. 19314
Gospodinov, P., Roussinov, Vl. Nonlinear instability during the isothermal draw of optical fibers 20310
Goss, A. *see* Safavi-Naeini, S. 43470
Gossage, S.A. *see* Testi, N. 45626
Gossard, A. *see* Mirin, R. 18161
Gossard, A.C. *see* Hu, S.Y. 12091
Gossard, A.C. *see* Ibbetson, J.P. 2438
Gossard, A.C. *see* Keay, B.J. 42529
Gossard, A.C. *see* Marcus, C.M. 42490
Gossard, A.C. *see* Peters, M.G. 20807
Gossard, A.C. *see* Stormer, H.L. 27514
Gossard, A.C. *see* Yin, L.-W. 2548
Gossard, A.C. *see* Yin, L.-W. 35017
Gosse, B. *see* Gadoum, A. 43209
Gosse, J.P. *see* Gadoum, A. 43209
Gosse, T. Reverse pulse charging-an overview of current research programs 48092
Gossel, M., Sogomonyan, E.-S. Self-parity combinational circuits for self-testing, concurrent fault detection and parity scan design 34018
Gosselin, B., Fortin, J.C., L'Esperance, A., Laroche, C. A new approach for the measurement of noise emitted by electrical substations 32125
Gosselin, O. *see* Bouzekri, H. 16813
Gossett, C.A., Hughlock, B.W., Katoozi, M., LaRue, G.S., Wender, S.A. Single event phenomena in atmospheric neutron environments 34070
Gossett, C.A. *see* Evans, B.D. 3362
Gossett, K.J. *see* Yu, Z. 12252
Gossling, C. *see* Bates, S. 24057
Gossling, C. *see* Borer, K. 7221
Gossmann, H.-J., Eaglesham, D.J. Growth and doping of silicon by low-temperature molecular beam epitaxy 738
Gossmann, H.-J., Rafferty, C.S., Vredenberg, A.M., Luftman, H.S., Unterwald, F.C., Eaglesham, D.J., Jacobson, D.C., Boone, T., Poate, J.M. Time dependence of dopant diffusion in δ-doped Si films and properties of Si point defects 19529
Gossmann, H.-J., Vredenberg, A.M., Rafferty, C.S., Luftman, H.S., Unterwald, F.C., Jacobson, D.C., Boone, T., Poate, J.M. Diffusion of dopants in B- and Sb-delta-doped Si films grown by solid-phase epitaxy 19507
Gossmann, H.-J. *see* Fitzgerald, E.A. 42459
Gosteev, S.G. *see* Ponizovskii, A.Z. 35129
Gostev, V.V., Polivanov, V.I., Kurzhos, V.I. Optimizing the waveform of the voltage at the output of multilevel devices for the digital control of asynchronous actuator motors 8365
Gostev, V.V. *see* Kurzhos, V.I. 8357
Gostling, C.D. *see* Lewis, A.V. 22498
Goswami, B., Mitra, M., Nag, B., Mitra, T.K. The polar phase response property of monopolar ECG voltages using a computer-aided design and drafting (CAD) based data acquisition system 15869
Goswami, B. *see* Mitra, M. 27085
Goswami, J.C., Sachidananda, M. Cylindrical cavity-backed suspended stripline antenna—theory and experiment 21401
Goswami, S., Bhattacharya, P., Cowles, J. Temporal response characteristics of a $In_{0.53}Ga_{0.47}As/InP$ quantum well phototransistor 20538
Goswami, S. *see* Singh, D.K. 16940
Goswami, S.K., Basu, S.K. Direct solution of distribution systems 39583
Goswami, S.K., Basu, S.K., Chattopadhyay, P.K. Three-phase distribution power flow using direct solution technique 39588
Goswami, S.K., Deb, S.K., Basu, S.K. A PC-based simulator for evaluating digital relaying algorithms 39658
Goszyk, K.A. Eliminating high speed wire vibration effects in on-line diameter measurements 27332
Gothard, G.K., Rao, S.M. A comparison of currents induced on scattering bodies using the transmission line modeling (TLM) method and the method of moments (MOM) 44298
Gothard, G.K., Rao, S.M., Sarkar, T.K. A novel method of applying finite element method to open region problems: electrostatic case 29097
Gothard, G.K. *see* Riggs, L.S. 44521
Gothel, J. *see* Fuss, W. 11942
Gothelf, U. *see* Dich, M. 21406
Gotman, J., Levtova, V., Farine, B. Graphic representation of the EEG during epileptic seizures 31915
Goto, A. *see* Nakagawa, T. 7112
Goto, A. *see* Okamura, H. 31623
Goto, A. *see* Ozaki, Y. 25963
Goto, A. *see* Ozaki, Y. 25973
Goto, A. *see* Yamamoto, F. 16575
Goto, E. *see* Suda, R. 26895
Goto, E. *see* Suzuki, A. 23238
Goto, H., Tsuchiya, H., Miyazaki, M., Kageyama, S. Laser-induced thermo-chemical etching mechanism and characteristics of ceramics 9801
Goto, J. *see* Inoue, T. 27000
Goto, J. *see* Inoue, T. 41936
Goto, J. *see* Ohtani, K. 48458
Goto, K., Sato, T., Mita, S. Proposal of optical floppy disk head and preliminary spacing experiment between lensless head and disk 20287
Goto, K. *see* Ida, S. 33343
Goto, K. *see* Murota, J. 9650
Goto, K. *see* Murota, J. 9651
Goto, K. *see* Nishimura, T. 3633
Goto, K. *see* Takayama, R. 6598
Goto, M. *see* Aigo, T. 19902
Goto, M. *see* Murakami, A. 7248
Goto, M. *see* Tamura, N. 46889
Goto, N., Hayama, N., Takahashi, H., Honjo, K. Application of AlGaAs/GaAs HBT's to power devices for digital mobile radio communications 19981
Goto, N., Nemoto, K. Emission distribution analysis of CuBr laser 12030
Goto, N. *see* Ichikawa, K. 29349
Goto, N. *see* Kuribayashi, M. 18614
Goto, S., Ishizaki, J., Fukui, T., Hasegawa, H. Growth behavior and mechanism of alkyl-desorption-limited epitaxial growth of GaAs on exactly oriented and vicinal substrates 41316
Goto, S. *see* Morishita, Y. 41271
Goto, S. *see* Nomura, Y. 41289
Goto, S. *see* Tamaki, Y. 5879
Goto, S.-I. *see* Sasaki, Y. 48069
Goto, T., Takagi, S., Okamoto, N., Kakizaki, K., Sato, S. Output characteristics of ultra-high repetition rate and high power XeCl excimer laser 20629
Goto, T. *see* Chan-Hoon Park 43349
Goto, T. *see* Furuhashi, H. 11925
Goto, T. *see* Furuhashi, H. 12499
Goto, T. *see* Imada, G. 20637
Goto, T. *see* Kawabata, A. 2896
Goto, T. *see* Nishizawa, N. 35333
Goto, T. *see* Terakado, S. 42703
Goto, T. *see* Usami, K. 28408
Goto, T. *see* Wei Zhang 33651
Goto, Y. Development of near-future charging stand 48290
Goto, Y. *see* Jin, Y. 17951
Goto, Y. *see* Mikazuki, Y. 20108
Goto, Y. *see* Wada, Y. 42480
Gotoda, M., Nomura, Y., Isu, T., Maruno, S. Optical properties of InGaAs/InP double-heterostructures selectively grown by chemical beam epitaxy 41334
Gotoh, H., Koshiba, M. Three-dimensional finite element solutions of electron waveguide discontinuities 1898
Gotoh, J. *see* Fujiwara, H. 18174
Gotoh, K. *see* Ishida, Y. 14854
Gotoh, K. *see* Morohashi, S. 31814
Gotoh, M. *see* Kobayashi, M. 20676
Gotoh, S. *see* Takeuchi, H. 48453

Gotoh, T. *see* Fukuda, S. 28966
Gotoh, T. *see* Kawamura, M. 22143
Gotoh, T. *see* Naoi, S. 4945
Gotoh, Y., Inoue, K., Ohtake, T., Ueda, H., Hishida, Y., Tsuji, H., Ishikawa, J. Application of focused ion beam techniques to the fabrication of lateral-type thin-film edge field emitters 19292
Gotoh, Y. *see* Inoue, K. 20253
Gotoh, Y. *see* Miyagawa, N. 20268
Gotoh, Y. *see* Ohta, T. 20251
Gotoh, Y. *see* Shibata, N. 18735
Gotoh, Y. *see* Takizawa, T. 20273
Gotoh, Y. *see* Tsuji, H. 15603
Gotoh, Y. *see* Tsuji, H. 46824
Gotou, K. *see* Nisihata, K. 30327
Gotou, Y. *see* Wada, Y. 43666
Gotovac, S. *see* Stiebler, M. 8863
Gotow, K. *see* Morgan, N. 31778
Gotra, Y. *see* Bacchetta, N. 38865
Gotra, Y. *see* Bacchetta, N. 46842
Gotschall, H.L. The modular high-temperature gas-cooled reactor: a cost/risk competitive nuclear option 47646
Gotsman, C. *see* Efrat, A. 4897
Gotsman, M.S. *see* Sapoznikov, D. 39039
Gottardi, M., Yang, W. A CCD/CMOS image motion sensor 31318
Gotte, R. Smaller but more powerful [cordless telephones] 45673
Gottert, J. *see* Brenner, K.H. 20369
Gottert, J. *see* Muller, A. 30590
Gottesfeld, S. *see* Rudge, A. 25626
Gottesfeld, S. *see* Springer, T.E. 25663
Gottesfeld, S. *see* Tobias, H. 17292
Gottfeldt, P., Reason, C.J. Cerberus: a laser interlock system using Arcnet 9193
Gottfert, R., Niederreiter, H. On the linear complexity of products of shift-register sequences 29488
Gottfert, R. *see* Niederreiter, H. 41134
Gottipati, M. *see* Li, G. 2293
Gottlieb, J.W. *see* Norton, F.L., IV 16191
Gottscho, R.A. Ion transport anisotropy in low pressure, high density plasmas 2130
Gottscho, R.A. *see* Aydil, E.S. 10915
Gottscho, R.A. *see* Aydil, E.S. 27671
Gottscho, R.A. *see* Aydil, E.S. 42743
Gottscho, R.A. *see* Gregus, J.A. 10914
Gottscho, R.A. *see* Gregus, J.A. 29060
Gottscho, R.A. *see* Krukar, R. 2133
Gottscho, R.A. *see* Krukar, R.H. 2147
Gottscho, R.A. *see* Nakano, T. 27732
Gottscho, R.A. *see* Zhen-Hong Zhou 2163
Gottumukkala, K.R. *see* Raju, G.S.N. 12715
Gotyo, T. *see* Ogawa, T. 2328
Gotz, A. *see* Lopez-Villegas, J.M. 27705
Gotz, A. *see* Marco, S. 27706
Gotz, B., Hehl, K., Karthe, W., Martin, B. Energy loss in a planar waveguide caused by a high refracting and absorbing overlay 20355
Gotz, G. *see* Bauerle, P. 26528
Gotz, H. The 'Digifilt' computer program for filter and fast Fourier transform design 27056
Gotz, J. *see* Schejbal, V. 30865
Gotz, M., Feldmann, U., Schwarz, W. Synthesis of higher dimensional Chua circuits 26658
Gotz, W. Destructive testing of two 30 year old backstays 12791
Gotze, J., Paul, S., Sauer, M. An efficient Jacobi-like algorithm for parallel eigenvalue computation 18074
Gotze, J. *see* Sauer, M. 11287
Gotzhein, R. *see* Andrae, C. 14117
Gou San-Kui Photon statistics and squeezing properties in a wiggler-free free-electron laser 3682
Gou You Young *see* Young Gou You
Gouaichault-Brugel, N., Nardo, L., Pugnet, M., Collet, J.H., Ichi, J.L., Grac, R. Fast optical addressing using plasma gratings stabilized by deep centres in semiconductors 35988
Gouard, P. *see* Bazylev, V.A. 20927
Goubeau, A. *see* Scheuerer, K. 48221
Goubel, F. *see* Duchene, J. 7443
Goud, C.B., Amaratunga, G.A.J. New CMOS compatible junction-isolated lateral base resistance controlled thyristor 34937
Goud, P.A. *see* Cain, B.M. 1081
Gouda, K. *see* Uezasto, K. 47858
Gouda, M. *see* Arora, A. 9444
Gouda, M.G. *see* Burns, J.E. 13885
Gouda, O.E., Abdel-Aziz, A.M., Refale, R.A., Matter, Z. Experimental study for drying-out of soil around underground power cables 16337
Gouda, O.E., Matter, Z. Effect of the temperature rise on the XLPE dielectric properties 11387
Gouda, S. *see* Ellis, H.L. 39580
Goudsmit, P.F.A. *see* Badertscher, A. 7311
Gouedard, C. *see* Veron, D. 35951
Gouere, F. *see* Ghannouchi, F.M. 14330
Gouezigou, O.Le *see* Le Gouezigou, O.
Gougas, A. *see* Charpak, G. 46919
Gough, J.J., Kent, J.T., O'Higgins, P., Ellison, L.T. Variogram methods for the analysis of bony trabecular shadows in plain radiographs 47074
Gough, M.P. Space instrument neural network for real-time data analysis 39360
Gough, M.P. *see* Oberhardt, M.R. 39148
Gough, R. *see* Kim, K.-J. 43996
Gougnaud, F. *see* Cavedon, J.M. 15354
Gouguec, T.Le *see* Le Gouguec, T.
Gouin, W. *see* Dusa, M.V. 2355
Gouin, W.G. *see* Dusa, M. 6781
Gould, C.A., Tibbetts, D.J. Universal jointing for optical fibre undersea cables 5920
Gould, G.L., Alavi, B. Noise control of coal pulverizers an implementation of user friendly design 16622
Gould, K.W., Cox, R.V., Jayant, N.S., Melchner, M.J. Robust speech coding for the indoor wireless channel 21667
Gould, L. Flat panel displays start coming home 31365
Gould, R.D. *see* Ramadan, A.A. 38645
Goulding, F. *see* Pfafman, T.E. 20123
Goulding, R.H. *see* Baity, F.W. 44631
Gouldsborough, T. *see* Jayasinghe, R.P. 32494
Goulianos, K. *see* Fanourakis, G.K. 24011
Goulter, I. *see* Sutardi 40869
Gounelle, C. *see* Clacys, W. 19670
Gounelle, C. *see* Monscrie, C. 43154
Gour, N., Rivest, J.-M. Digital control computers' cable replacement at the Hydro-Quebec Gentilly 2 Nuclear Power Station 16564
Gourbiere, E. *see* Biegelmeier, G. 207
Gourdin, E., Jaumard, B., Macgibbon, B. Global optimization decomposition methods for bounded parameter minimax risk evaluation 41115
Goure, J.-P. *see* Andre, J.-C. 43609
Gourlay, J., McOwan, P., Vass, D.G., Underwood, I., Worboys, M. Time-multiplexed optical Hadamard image transforms with ferroelectric-liquid-crystal-over-silicon spatial light modulators 3210
Gourlay, P.M., Heckenberg, N.R., Frost, B.S. Coherent kaleidoscopes II. Experimental observations of sibling-spot formation in hollow and solid, square and rectangular waveguides 36320
Gourlay, P.M. *see* Frost, B.S. 4235
Gourlay, P.M. *see* Frost, B.S. 36319
Gourley, P.L. Microstructured semiconductor lasers 43912
Gourley, P.L. *see* Wendt, J.R. 27551
Gournay, J.F. *see* Cavedon, J.M. 15354
Gouronnec, A. *see* Legros, F. 38028
Gourrier, S. *see* Ouvrard, P.-L. 19116
Goursat, M. *see* Basseville, M. 6865
Gousev, Yu.P., Gol'tsman, G.N., Semenov, A.D., Gershenzon, E.M., Nebosis, R.S., Heusinger, M.A., Renk, K.F. Broadband ultrafast superconducting NbN detector for electromagnetic radiation 43355
Gouskov, L. *see* Perotin, M. 34695
Goussard, Y. *see* Idier, J. 21471
Goutelle, A. *see* Vinchant, J.-F. 38121
Gouterman, M. *see* Baron, A.E. 23758
Goutin, P., Logette, P., Rouvaen, J.M., Bridoux, E. Some new results in hybrid acousto-optic processing 11712
Goutis, C.E. *see* Economou, G.-P. 18412
Goutis, C.E. *see* Nikolaidis, S.S. 10209
Goutsias, J.K. *see* Potamianos, G.G. 21469
Goutte, R. *see* Akrout, N. 13802
Goutte, R. *see* Peyrin, F. 15830
Goutte, R. *see* Zhu, Y.M. 13663
Goutte, R. *see* Zhu, Y.M. 13788
Gouveia, E.A. *see* Vermelho, M.V.D. 3761
Gouveia, E.A. *see* Vermelho, M.V.D. 3774
Gouveia-Neto, A.S. *see* Ramaswamy, M. 12079
Gouveia-Neto, A.S. *see* Vermelho, M.V.D. 3761
Gouveia-Neto, A.S. *see* Vermelho, M.V.D. 3774
Gouverneur, S., Lucat, C., Menil, F., Aucouturier, J.-L. New densification process of thick films 19254
Gouy-Pailler, P., Haond, M., Mathiot, D., Gauneau, M., Perio, A., Regolini, J.L. A comparative study of $TiSi_2$ obtained by solid-state reaction and chemical vapor deposition 19628
Gouyou-Beauchamps, D. *see* Choi, S.H. 515
Gouzhva, Y.G., Gevorkyan, A.G., Bogdanov, P.P. Accuracy estimation of GLONASS satellite oscillators 23402
Govaert, K., Mondelaers, W., Jacobs, E., De Frenne, D., Persyn, K., Pomme, S., Yoneama, M.-L., Lindenstruth, S., Huber, K., Jung, A., Starck, B., Stock, R., Wesselborg, C.B., Heil, R.-D., Kneissl, U., Pitz, H.H. Polarised bremsstrahlung nuclear resonance fluorescence set-up at the 15 MeV linac in Ghent 31556
Govaerts, H.J.F.G., van Dooren, G.A.J., Herben, M.H.A.J. Shielding of a Cassegrain antenna system for interference reduction 12755
Govaerts, R. *see* Bosselaers, A. 22650
Govaerts, R. *see* Daemen, J. 12897
Govaerts, R. *see* Daemen, J. 12939
Govaerts, R. *see* Daemen, J. 12968
Govaerts, R. *see* Daemen, J. 29489
Govaerts, R. *see* Preneel, B. 21560
Govaerts, R. *see* Preneel, B. 21578
Govaerts, R. *see* Vandewalle, J. 22649
Govaerts, R. *see* Verschuren, J. 22558
Govaerts, R. *see* Preneel, B. *(editor)* 17666
Govekar, E., Susic, E., Muzic, P., Grabec, I. Self-organizing neural network application to technical process parameters estimation 4458
Gover, A., Hartemann, F.V., Le Sage, G.P., Luhmann, N.C., Jr, Zhang, R.S., Pellegrini, C. Time and frequency domain analysis of superradiant coherent synchrotron radiation in a waveguide free-electron laser 35903
Govers, C.P.M. Quality of services 'applicable to production'? 424
Govil, R., Sessler, A.M. Theoretical examination of transfer cavities in a standing-wave free-electron laser two-beam accelerator 27415
Govila, R. *see* Lau, J. 42285
Govinda Raju, G.R. *see* Liu, J. 43166
Govinda Raju, G.R. *see* Sussi, M.A. 35102
Govinda Rao, C., Khincha, H.P., Partha Sarathy, K. On the generator bus reduction in coherency based dynamic equivalencing 40086
Govindacharyulu, P.A. *see* Bendapudi, S. 23717
Govindan, T.P. *see* Gunasekaran, M. 39633
Govindan, T.R. *see* Grubin, H.L. 11251
Govindaraj, T. *see* Narayanan, S. 17820
Govindarajan, G. *see* Biswas, B.B. 8073
Govindarajan, G. *see* Jangra, L.R. 8116
Govindarajan, M., Siala, S., Nottenburg, R.N. DC to 2.5 Gb/s×4 p-i-n/HBT optical receiver array with low crosstalk 45984
Govindarajan, M. *see* Frateschi, N.C. 20846
Govorkov, A.V. *see* Milvidskaya, A.G. 27485
Gow, C.J. *see* Strong, A.W. 35083
Gow, T.R. *see* Strong, A.W. 35083
Gowar, J. *see* Williams, R. 1025
Goward, J.M., Williams, D.J., Whalley, D.C. Properties of anisotropic conductive adhesive pastes for fine-pitch surface mount technology 19236
Gowda, S.M., Sheu, B.J., Chang, R.C.-H. Effective parameter extraction using multiple-objective function for VLSI circuits 43040
Gowen, L. *see* Seth, S. 41786
Gower, J.F.R., Vachon, P.W., Edel, H. Ocean applications of RADARSAT 32106
Gower, M.C. *see* Harvey, E.C. 44172
Gower, M.C. *see* Smith, B.W. 2379
Gowers, C.W. *see* Schunke, B. 14867
Gowrisankar, S. Engineering aspects of MHD generator design and construction—an Indian experience 25769
Gowrisankar, S. *see* Malghan, V.R. 25343
Gowthorpe, P. *see* McClellan, G. 16612
Goy, C. *see* Beingessner, S.P. 31761
Goyal, I.C., Gallawa, R.L., Ghatak, A.K. Improved variational analysis of inhomogeneous optical waveguides using Airy functions 43455
Goyal, I.C. *see* Gallawa, R.L. 43404
Goyal, R., Seltzer, G., Wolff, D., Cofield, J., Klein, M. Integrated solution for analysis, placement and routing of MCMs 17892
Goyal, S.K. *see* Davis, A.B. 37788
Goyal, S.K. *see* Davis, A.B. 37884
Goyal, S.K. *see* Jaiswal, B.L. 6859
Goyer, J.R., Kortbawi, D., Childers, F.K., Sincerny, P.S. Low jitter operation of a plasma opening switch 8683
Goyet, R. *see* Quichaud, G. 16889
Gozani, J. Quasi-isoplanatic radiation transfer through randomly moving particles 36153
Gozen, T. *see* Haruna, M. 43763
Gozzi, D. In-circuit testing with mobile probes 19222
Gozzo, F. *see* McKinley, J.T. 44082
Graaf, M.J.de *see* de Graaf, M.J.
Graaf, R.van der *see* van der Graaf, R.
Graaf, W.A.van der *see* van der Graaf, W.A.
Graas, C.D. *see* May, J.S. 2213
Graauw, T.de *see* de Graauw, T.
Grab, C. *see* Eichenberger, S. 38928
Grabandt, O., Willemsen, S., Leeuwen, J.H.v. On the development of an aramid yarn with water-blocking properties 5915
Grabarz, H.J. *see* Holber, W.M. 10979
Grabbe, D.G., Pryputniewicz, R.J., Merkelo, H. The AMPSTAR connector project 10586
Grabbe, S. *see* Poguntke, K.R. 46014
Grabec, I. *see* Govekar, E. 4458
Grabec, I. *see* Stangar, U.L. 17389
Grabec, I. *see* Zgonc, K. 18380
Grabeldinger, H. *see* Kaden, C. 34856
Graber, Ch. *see* Beigang, R. 29008
Graber, J. *see* Moffat, D. 15431
Graber, J. *see* Morsch, G. 43015
Graber, W.S. Low air pressure sensing on a chip 15239
Grabiec, P. *see* Zagozdzon-Wosik, W. 2070
Grabiec, P.B. *see* Zagozdzon-Wosik, W. 19537
Grabiner, D.J., Magyar, P. Random walks in Weyl chambers and the decomposition of tensor powers 465
Grabmaier, A., Hangleiter, A., Kazmierski, C., Blez, M., Ougazzaden, A. Linewidth rebroadening in 1.55 μm quantum well lasers 37992
Grabmaier, A. *see* Hangleiter, A. 20894
Grabner, M. In time: positioning with step and DC motors 47907
Grabner, P. *see* Hajolet, P. 41219
Grabow, B.E., Boone, B.G., Sova, R.M. Model of the microwave response in granular Bi-Sr-Ca-Cu-O thin films 23863
Grabow, M.H. *see* Atwater, H.A. *(editor)* 40707
Grabow, W., Schrei, A. A study on diversity techniques in a 5.8 GHz microwave link for traffic management systems 37818
Grabow, W. *see* Buchs, J.-D. 30651

Grabowski, J., Graubmann, P., Rudolph, E. The standardization of message sequence charts 5276
Grabowski, Z.W. *see* Davids, C.N. 24115
Grabs, U., Albert, R.F. Interface problems facing existing and future transport optimation systems 8943
Grac, R. *see* Gouaichault-Brugel, N. 35988
Gracchi, V.C., Mahafza, B.R., Audeh, N.F. Pseudo windowing for synthetic sampled aperture radar target detection 46053
Gracco, V. *see* Adam, W. 7259
Gracco, V. *see* Adam, W. 31715
Gracco, V. *see* Adam, W. 46929
Grace, J. Achieving higher circuit densities through cost-effective blind vias 19213
Grace, M.I., Mulder, D. New microwave sweeper's design yields performance and economy 38586
Grace, M.P., VanBlaricum, M.L., Larry, T., Stieber, P. Reactive antenna matching when using integrated optical modulators 44609
Grace, S.R. Oscillation of certain functional differential equations 18099
Grachev, A.O., Dan'shin, V.P., Zakamskaya, L.T., Meshchanin, A.P., Nurushev, S.B., Rykov, V.L. A small electromagnet for a frozen polarized-proton target 15595
Grachev, S.A. *see* Gershenzon, E.M. 34243
Gracht, J.van der *see* van der Gracht, J.
Gracia, F.J. *see* Amuchastegui, C. 1677
Gracia, F.J. *see* Garcia-Alonso, A. 797
Gracia, F.J. *see* Garcia-Alonso, A. 6437
Gracia, I., Cane, C., Lozano, M., Esteve, J. On-line determination of the degradation of ISFET chemical sensors 6475
Gracia, I. *see* Cane, C. 2007
Gracia, J.de *see* de Gracia, J.
Gracia-Castillo, L.E., Salazar-Palma, M. On the use of different formulations based on edge elements for the dynamic analysis of general waveguiding structures by means of the finite element method 12666
Gradinaru, G., Madangarli, V.P., Sudarshan, T.S. Surface flashover in silicon-vacuum systems 2721
Gradinaru, G., Madangarli, V.P., Sudarshan, T.S. New results on surface flashover in silicon-dielectric systems [for power photoconductive switches] 28626
Gradinaru, G., Sudarshan, T.S. High field semiconductor-dielectric systems: a special case of the classical two-insulator systems 35126
Grado Caffaro, M. *see* Grado Caffaro, M.A. 1822
Grado Caffaro, M. *see* Grado Caffaro, M.A. 3871
Grado Caffaro, M. *see* Grado Caffaro, M.A. 6507
Grado Caffaro, M. *see* Grado Caffaro, M.A. 6508
Grado Caffaro, M.A., Grado Caffaro, M. An algebraic model for the recombination rate in semiconductors 1822
Grado Caffaro, M.A., Grado Caffaro, M. Some remarks on quasi-solitons in optical fibers 3871
Grado Caffaro, M.A., Grado Caffaro, M. Plasma-optical effect in GaAs PIN photodiodes 6507
Grado Caffaro, M.A., Grado Caffaro, M. Some results on PIN and ITO photodiodes 6508
Grady, M.S. *see* Gillies, G.T. 47114
Grady, W.M. *see* Farach, J.E. 25061
Graeb, H.E. *see* Antreich, K.J. 26622
Graeber, R.C. *see* Braune, R.J. 15944
Graeber, R.R. *see* Heyman, E.V.V. 19108
Graebner, J.E. Simple method for measuring the thermal conductivity of a thin plate 15234
Graef, M. Metallization requirements for submicron CMOS logic 19624
Graef, M.D. *see* Cao, H.C. 28304
Graeff, C.F.O., Brandt, M.S., Eberhardt, K., Chambouleyron, I., Stutzmann, M. Spin dependent photoconductivity in hydrogenated amorphous silicon germanium alloys 35557
Graeff, C.F.O. *see* Stutzmann, M. 8760
Graeme, J. Phase compensation perks up composite amplifiers 1069
Graeme, J. Phase compensation counteracts op-amp input capacitance 33911
Graetsch, U.M., Krishnan, B.R., Srinivasan, B. Automatic generation of ERLANG programs from LOTOS specifications 13998
Graf, B. *see* Arnot, H.E.G. 27684
Graf, D., Bauer-Mayer, S., Schnegg, A. Influence of HF-H_2O_2 treatment on Si(100) and Si(111) surfaces 2119
Graf, D., Brohl, M., Bauer-Mayer, S., Ehlert, A., Wagner, P., Schnegg, A. Silicon surface treatments and their impact on chemical composition and morphology 34700
Graf, D. *see* Heyns, M.M. 34701
Graf, H.-D. Experience with control of frequency, amplitude and phase [superconducting accelerator cavities] 15432
Graf, H.-D. *see* Auerhammer, J. 43978
Graf, H.-D. *see* Genz, H. 15271
Graf, R. High-efficiency, semi-dry flue gas desulfurization in the reflux circulating fluid bed 39965
Grafenauer, J. Invertor-controlled asynchronous machines of high power and speed with special consideration of noise 25446
Graff, P., Fermine, D. Introduction of AXE 10 in Buenos Aires network 45716
Graff, T.L. *see* Sato, N. 45411
Graffeuil, J. *see* Amine, H. 27297
Graffeuil, J. *see* Dienot, J.-M. 34914
Graffeuil, J. *see* Parra, T. 1643
Graffi, S. *see* Dalla Betta, G.F. 1378
Graffi, S. *see* Golzio, D. 1070
Graffi, S. *see* Golzio, D. 36272
Graft, R., Fischer, T., Gray, A., Kennerly, S. Illumination-dependent dynamic resistance of $Hg_{1-x}Cd_xTe$ heterojunction photodiodes 11849
Graglia, R.D. On the numerical integration of the linear shape functions times the 3-D Green's function or its gradient on a plane triangle 29088
Gragnani, G.L. *see* Bregni, S. 47061
Gragnani, G.L. *see* Caorsi, S. 4086
Gragnani, G.L. *see* Caorsi, S. 22289
Gragnolati, J.P. *see* DuBouis, P. 5859
Graham, A. *see* McDonnell, D.G. 46552
Graham, A.D. Development of a 2 MW 20000 RPM induction motor drive 17477
Graham, A.D., Wimshurst, M. The high speed oil free intelligent motor-compressor 17026
Graham, A.David *see* David Graham, A.
Graham, I. *see* Caelli, W. 21588
Graham, I.G., Atkinson, K.E. On the Sloan iteration applied to integral equations of the first kind 41190
Graham, J. Meeting the challenge of environmental compliance 39938
Graham, J.S., Thompson, M.S., Johnson, R.A. A GaAs ASIC chip set for NASAs deep space network 22985
Graham, M.C. *see* Daghighian, F. 15734
Graham, M.G., Paulos, J.J. Interpolation of MOSFET table data in width, length, and temperature 28131
Graham, M.J. *see* Lu, Z.H. 27730
Graham, M.J. *see* van der Zwan, M.L.W. 27665
Graham, M.L. *see* Wong, J.W. 15907
Graham, N.A. *see* Manzer, A.M. 8084
Graham, R. *see* Abella, C. 29315
Graham, R. *see* Abella, C. 29396
Graham, R. *see* Clancy, D. 47210
Graham, R. *see* Schoenwald, D. 24435
Graham, R.E. Contribution of a rigid body dynamic model to plume impingement analysis for the space station Freedom 24434
Graham, R.E. *see* Moseley, N.L. 24433
Graham, R.M., Jones, A.C., Mason, N.J., Rushworth, S., Salesse, A., Seong, T.-Y., Booker, G., Smith, L., Walker, P.J. Improved materials for MOVPE growth of GaSb and InSb 18157
Graham, T. *see* Clearfield, H.M. 17882
Graham, W.B. *see* Kujath, M.R. 47172
Graham, W.G. *see* Al-Jibouri, A. 46828
Graham, W.R. *see* Wang, Y.J. 24126
Grahn, H.T. *see* Muller, W. 10727
Grahn, K., Xia, Z., Kuivalainen, P., Karlsteen, M., Willander, M. Effect on ion implanted germanium profile on the characteristics of $Si_{1-x}Ge_x$/Si heterojunction bipolar transistors 2460
Grahn, K.J. Two-dimensional numerical modeling of advanced semiconductor devices from the physical point of view 28059
Grahn, K.J. *see* Ying Fu 34556
Graindourze, B. *see* van Petegem, W. 41669
Grajal, J. *see* Gismero, J. 27300
Grajew, G., Alexander, C.M., Aoki, T., Berson, U., Bosetti, P., Bolesta, J., Boynton, P.E., Bradner, H., Camerini, U., Dye, S.T., Gergin, E., Gorham, P.W., Grieder, P.K.F., Grogan, W., Harris, D., Hayashino, T., Hazen, E., Ito, M., Jaworski, M., Jenko, M., Kawamoto, H., Kitamura, T., Kobayakawa, K., Kondo, S., Koske, P., Learned, J.G., Lord, J.J., Lord, R., Lozic, T., March, R., Matsuno, S., Mavretic, A., McCourry, L., Mignard, M., Miller, K., Minkowski, P., Mitiguy, R., Mitsui, K., Nicklaus, D., Ohashi, Y., Okada, A., Orlov, D., Peterson, V.Z., Roberts, A., Sakuda, M., Stenger, V.J., Suzuki, H., Tanaka, S., Uehara, S., Wiebusch, C., Wilkins, G., Webster, M., Wilkes, R.J., Wurm, G., Yamaguchi, A., Yamamoto, I., Young, K.K. Applications of videoconferencing to DUMAND 37613
Gralow, J. *see* Adapa, R. 32235
Gramatikov, B.I. Detection of late potentials in the signal-averaged ECG combining time and frequency domain analysis 7450
Gramatikov, B.I. Digital filters for the detection of late potentials in high-resolution ECG 7452
Grambow, P. *see* Eberl, K. 41341
Grammer, W., Yngvesson, K.S. Coplanar waveguide transitions to slotline: design and microprobe characterization 19003
Gramopadhye, A.K. *see* Latorella, K.A. 7530
Grams, P.R., Shahnasser, H. Network traffic and future trends 30517
Gramsch, E., Zhang, S., Madden, M., Lindberg, M., Szawlowski, M. High density avalanche photodiode array 23998
Gramz, M. Eddy current imaging—a theoretical approach 41544
Granas, A. *see* Nygren, G. 2726
Granata, D.M. *see* Scott, W.R. 20047
Granata, I. *see* Covelli, V. 43119
Granatstein, V. *see* Levush, B. 27417
Granatstein, V.L., Striffler, C.D. Summary report: high intensity EM waves 6871
Granatstein, V.L. *see* Fischer, R.P. 42367
Granatstein, V.L. *see* Lawson, W. 6872
Granatstein, V.L. *see* Tate, J.P. 18972
Granatstein, V.L. *see* Ze-Xiang Zhang 35643
Granatstein, V.L. *see* Zhang, Z.X. 43692
Granberg, H. *see* Dye, N. 11108
Granberg, H. *see* Dye, N. 18498
Granberg, H. *see* Dye, N. 33908
Granberg, H. *see* Dye, N. 34915
Granberg, H. *see* Dye, N. 41630
Granberg, H. *see* Dye, N. 41697
Grancagnolo, F. *see* Cataldi, G. 31666
Grand, J.B.le *see* le Grand, J.B.
Grande, W.J. *see* Johnson, J.E. 20759
Grandhi, R.V., Chandu, S.V.L., Rajagopalan, H., Fautheree, D. Expert system for laser vulnerability analysis of aerospace structures 24384
Grandhi, S.A., Vijayan, R., Goodman, D.J., Zander, J. Centralized power control in cellular radio systems 22839
Grandi, G. *see* Casadei, D. 8596
Grandi, G. *see* Casadei, D. 8844
Grandi, G. *see* Casadei, D. 8849
Grandi, G.De *see* De Grandi, G.
Grandi, M. *see* Bocciolini, M. 24082
Grandidier, B., Stievenard, D., Deresmes, D., Vanbesien, O., Lippens, D., Lorriaux, J.L., Zazoui, M. Influence of electron irradiation induced defects on the current-voltage characteristics of a resonant tunneling diode 42838
Grandjean, N., Massies, J. Extension of the layer-by-layer growth regime of $In_xGa_{1-x}As$ on GaAs (001) 732
Grandjean, N., Massies, J. Epitaxial growth of highly strained $In_xGa_{1-x}As$ on GaAs(001): the role of surface diffusion length 18154
Grandjean, N. *see* Courboules, B. 41266
Grandjean, N. *see* Massies, J. 688
Grandle, R.W. Insert molding provides alternative to assembly 19191
Grando, D. *see* Sottini, S. 3791
Grandpierre, M. *see* Maussion, P. 17076
Grandpierro, M. *see* Wang, M.-X. 16997
Graneau, N., Smith, P.W. Transmission line transformers with ultra low droop 47924
Granelli, G., Montagna, M., Pasini, G., Marannino, P. A W-matrix based fast decoupled load flow for contingency studies on vector computers 24696
Granelli, G.P., Montagna, M., Pasini, G.L., Innorta, M., Marannino, P. Interaction between daily load demand curve and management of a hydro-thermal generation system 16163
Granestrand, P. Novel approaches to polarisation-independent switches 3130
Granestrand, P., Lagerstrom, B., Svensson, P., Olofsson, H., Falk, J.-E., Stoltz, B. Pigtailed tree-structured 8×8 $LiNbO_3$ switch matrix with 112 digital optical switches 35501
Granestrand, P. *see* Johansson, S. 6053
Grange, N. *see* Adcock, P. 17573
Grange, N. *see* Adcock, P. 48421
Granger, B.E., Nishimura, A.M. A photon counter and pulse train generator interface for a personal computer in pulse optically detected magnetic resonance 38404
Granger, M. *see* Dickmander, D.L. 47459
Grangier, P. *see* Levenson, J.A. 20986
Granic, G., Jelavic, B., Vuk, B. Nuclear power plants in Croatian energetics 25132
Granier, M., Hagedorn, D., Henrichsen, K.N., Lebrun, Ph., Leroy, D., Perin, R., Vlogaert, J., Degegel, J., Genevey, P., Jacquemin, J.P., Kircher, F., Le Bars, J. Performance of the twin-aperture dipole for the CERN LHC 15547
Granieri, M.N. *see* Di Zenzo, S. 22132
Granitz, R. Smart interconnections for bus and wiring architectures 27344
Granlund, G. *see* Nordberg, K. 13445
Granlund, G.H., Knutsson, H., Westelius, C., Wiklund, J. Issues in robot vision 36937
Granlund, G.H. *see* Knutsson, H. 13677
Grannan, E.R. *see* Sahr, J.D. 23114
Granneman, E. *see* Werkhoven, C. 34736
Granot, D., Skorin-Kapov, D. On some optimization problems on *k*-trees and partial *k*-trees 41062
Granpayeh, N., Liang, Q.T., Skinner, I.M., Chu, P.L. Measurement of nonlinear refractive index of rare earth doped fibre 35396
Granqvist, C.G. Transparent conductive electrodes for electrochromic devices: a review 3173
Granstaff, V.E., Martin, S.J. Characterization of a thickness-shear mode quartz resonator with multiple nonpiezoelectric layers 35195
Granstrom, B. *see* Bruce, G. 4504
Granstrom, K. *see* Nystrom, S. 38298
Grant, A. Electrical induction furnaces 48475
Grant, A. *see* Adye, T. 38896
Grant, A.R., Persans, P.D., Kwasnick, R.F., Possin, G.E. Use of a field effect transistor to study phototransport properties of a-Si:H 28145
Grant, B. *see* Cummings, K.D. 27973
Grant, C.J., Mueller, R.O., Mysoor, N. A high data rate electro-optic phase modulator driver for a coherent optical communications application 43549

Grant, D. Real-world applications for sigma-delta converters 10220
Grant, D. *see* Drury, W. 40514
Grant, D.A. A comparison of hard and soft switching of IGBTs 2546
Grant, D.A. *see* Wheeler, P.W. 8568
Grant, D.A. *see* Williams, R. 1025
Grant, P.M., Hamilton, R.J., Pringle, R.D. Syntactic parser for pattern recognition of sampled data signals 13793
Grant, P.M., McDonnell, J.T.E. Digital signal processing 2. Spectral analysis 4612
Grant, P.M. *see* Chen, S. 4760
Grant, P.M. *see* Chen, S. 13473
Grant, P.M. *see* Li Zhongwei 6271
Grant, P.M. *see* Mowbray, S. 22327
Grant, P.M. *see* Povey, G.J.R. 22779
Grant, P.M. *see* Warner, E.S. 12841
Grant, P.M. *see* Warner, E.S. 39442
Grant, R. *see* Koek, B. 27974
Grant, R.S., Su, Z., Kennedy, G.T., Sibbett, W., Aitchison, J.S. Coupled-cavity mode locking with passive semiconductor waveguides 3488
Grant, R.S. *see* Davies, D.A.O. 5975
Grant, R.S. *see* Fisher, M.A. 12404
Grant, R.S. *see* Kennedy, G.T. 3524
Grant, R.S. *see* Sibbett, W. 43753
Grantham, C. Full load testing of three phase induction motors without the use of a dynamometer 40208
Grantham, C. Computer assisted electrical machines experiments 40824
Grantham, C., Rahman, F. A novel machineless dynamometer for load testing three-phase induction motors 8410
Grantham, C., Sheng, M., Spooner, E.D. Synthetic loading of three-phase induction motors using microprocessor controlled power electronics 40191
Grantham, C., Sutanto, D. A novel adaptive controller of a self-excited induction generator for use in a remote area power supply 40228
Grantham, C. *see* Rahman, M.F. 40568
Grantham, C. *see* Sheng, M. 40190
Grantham, C. *see* Sutanto, D. 8394
Grantham, J. *see* Boggavarapu, D. 12249
Grantham, W.C., King, R.L. Using EASY5 to investigate filtering of power system area control error 47402
Granveaud, M. *see* Vanier, J. 23764
Granzer, H. *see* Gortler, A. 40369
Grard, E. *see* Chiaroni, D. 37687
Gras, J.-M. *see* Clemendot, F. 25941
Graskamp, B., Gonschorek, K.-H., Sattler, F. Degradation of shielding efficiency of shelters due to penetrating cables 44446
Grass, E., Gustat, H. Power supply for RS-485 circuits via the 'Feldbus' data bus 32905
Grass, H. *see* Bunzel, E. 40159
Grassani, E. Electricity supply to safety services 9189
Grassani, E. Load analysis in industrial electricity supply systems 32177
Grassani, E. The Machine Directive of the EC and the new Italian Standard CEI EN 60204-1 40879
Grasse, M. *see* Ernst, M. 38281
Grasselli, U., Parise, G. Testing of touch and step voltages via auxiliary short-distance electrodes 32490
Grasser, A., Kissler, R., Stein, M. Simultaneous measurement of wind velocity and wind direction with airflow sensors 24488
Grasser, C., Wang, D., Beigang, R., Wallenstein, R. Singly resonant optical parametric oscillator at $KTiOPO_4$ synchronously pumped by the radiation of a continuous-wave mode-locked Nd:YLF laser 20984
Grassi, C.L. *see* Wong, G.S. 24455
Grassi, M. *see* Gasparini, F. 46980
Grassini, E. Lighting installations. I 40641
Grassini, E. Lighting installations. II 48445
Grassl, H. *see* Schulz, J. 32092
Grassl, H. *see* Straka, J. 6162
Grassmann, A., Bottiger, U., Fischer, T., Moritz, I. Aerial image studies of an advanced deep-UV exposure system 28014
Grassmann, A. *see* Boettiger, U. 28016
Grassmann, A. *see* Fischer, T. 26944
Grassmann, A. *see* Wittekoek, S. 2350
Grassmann, K. Design density and impedance 34343
Grasso, G. *see* Calzona, V. 31165
Grasso, G. *see* Fontana, F. 12081
Grasso, G. *see* Fontana, F. 43809
Grasso, G. *see* Hill, G.R. 6051
Grasso, S.M. *see* Marsan, M.A. 22523
Gratadour, J. *see* Fouaidy, M. 15516
Gratadour, J. *see* Vallet, C. 15513
Gratchev, M. *see* Akopyan, M. 15528
Gratchev, M. *see* Gorbunov, V. 15321
Grate, J.W., McGill, R.A., Abraham, M.H. Chemically selective polymer coatings for acoustic vapor sensors and arrays 15104
Gratin, C., Talbot, H. Fast gray-level morphological transforms with any structuring element 36844
Gratkowski, S. Special finite elements for efficient computation of magnetic field in r-z and r-ϕ geometry 44215
Gratkowski, S., Ziolkowski, M. On the accuracy of a 3-D infinite element for open boundary electromagnetic field analysis 21164
Gratkowski, S., Ziolkowski, M. Magnetic field computations in the interior and exterior regions by using infinite elements 44214
Gratkowski, S.R. Special finite element shape functions for axisymmetric magnetic problems 44233
Gratsch, B., Haase, J., Hienerwadel, K., Raab, J., Riegel, M., Schlenk, W. Implementation of a video codec as a distributed processor system in ASICs 37634
Gratta, L. *see* Bernabei, F. 5174
Grattan, K.T.V. *see* Boyle, W.J.O. 15822
Grattan, K.T.V. *see* Collins, S.F. 23214
Grattan, K.T.V. *see* Collins, S.F. 36090
Grattan, K.T.V. *see* El-hami, M. 15064
Grattan, K.T.V. *see* Ikpe, E.S. 6857
Grattan, K.T.V. *see* Ning, Y.N. 21149
Grattan, K.T.V. *see* Ning, Y.N. 46476
Grattan, K.T.V. *see* Rahman, B.M.A. 20795
Grattan, K.T.V. *see* Wang, D.N. 46384
Grattan, K.T.V. *see* Zhang, Z. 6536
Grattan, K.T.V. *see* Zhiyi Zhang 31251
Grattarola, A.A. *see* Braccini, C. 5400
Grattarola, M. *see* Martinoia, S. 7427
Grattarola, M. *see* Sanelli, C. 15539
Grattepain, C. *see* Courmont, S. 34690
Grattieri, W. *see* di Salvatore, F. 24874
Gratton, E., Mantulin, W.W., van de Ven, M.J., Fishkin, J.B., Maris, M.B., Chance, B. A novel approach to laser tomography 15700
Gratzel, M. Nanocrystalline thin-film PV cells 20529
Gratzel, M. Titanium dioxide solar cells 33028
Gratzel, M. *see* Hagfeldt, A. 42600
Grau, S. *see* Richard, G. 13114
Grau Carles, A. *see* Grau Malonda, A. 38855
Grau Malonda, A., Rodriguez Barquero, L., Grau Carles, A. Radioactivity determination of ^{90}Y, ^{90}Sr and ^{89}Sr mixtures by spectral deconvolution 38855
Grau Malonda, A. *see* Rodriguez Barquero, L. 38851
Graubmann, P. *see* Grabowski, J. 5276
Grauby, H., Percaille, J.-P. EMP coupling assessment of a warship with a CW simulator used for large systems 44384
Graue, E. *see* Corkidi, G. 7392
Grauer, T. *see* Trah, H.-P. 25621
Grauer-Carstensen, H. Versatile model position monitoring system 38561
Grava, J.R. Review of Bruce NGSA rehabilitation projects and their focus 16549
Gravel, M. *see* Rongxing Li 45879
Gravely, B.T. *see* Myers, D.R. 45121
Gravenstein, M. Modeling techniques to support system level simulation and a top-down development methodology 33845
Graver, C. *see* Doussiere, P. 28824
Graver, C. *see* Doussiere, P. 43932
Graver, C. *see* Mikkelsen, B. 38129
Graves, B.R. *see* Duncan, W.A. 28715
Graves, C.J., Edwards, C., Marks, R. Four-channel ambulatory monitoring system for percussive mechanical trauma to industrial worker's hands 15692
Graves, D.B. Plasma processing 42733
Graves, D.R., Green, R.A. Multi-layer insulation for ESD control 47152
Graves, H.H. Sludge utilisation as fuel for electric power generation. Britain's first IGCC power station in Fife, Scotland 47792
Graves, Y.B. *see* Adams, K.M. 34351
Gravesen, P., Branebjerg, J., Jensen, O.S. Microfluidics—a review 31199
Gravesteijn, H. *see* Sittrop, H. 46092
Gravey, P. Re-configurable holographic interconnections 12428
Gravey, P. *see* Bonnel, L. 12471
Gravey, P. *see* Vincensini, F. 44147
Gravey, P. *see* Wolffer, N. 3894
Gravey, P. *see* Wolffer, N. 12346
Gravey, P. *see* Wolffer, N. 44094
Graw, G. *see* Rathmann, F. 6941
Grawe, J. The contribution of the German electrical utilities to the reduction of CO_2 emissions 16638
Grawe, J., Wagner, E. Utilisation of renewable energies on the part of the electricity industry, position in 1992 32216
Gray, A. *see* Graft, R. 11849
Gray, B. *see* Boland, T. *(editor)* 5247
Gray, D.A., Anderson, B.D.O., Bitmead, R.R. Towed array shape estimation using Kalman filters—theoretical models 44887
Gray, D.A. *see* Riley, J.L. 44890
Gray, D.C., Mohindra, V., Sawin, H.H. Redeposition kinetics in fluorocarbon plasma etching 42713
Gray, D.C. *see* Arnold, J.C. 27735
Gray, D.E. *see* Greef, R. 10895
Gray, F. The MLBs of the future: building boards for tomorrow's semiconductors 34321
Gray, G. *see* Staton, D.A. 8456
Gray, G.R., Huang, D., Agrawal, G.P. Chaotic dynamics of semiconductor lasers with phase-conjugate feedback 43854
Gray, G.R., Ryan, A.T., Agrawal, G.P., Gage, E.C. Optical-feedback-induced chaos and its control in semiconductor lasers 43946
Gray, J., Naylor, A., Abnous, A., Bagherzadeh, N. VIPER: a VLIW integer microprocessor 41937
Gray, J.E., Harshbarger, J.H. Test patterns (phantoms) for video systems 15798
Gray, J.E., Helmick, R.E. The ambiguity function for broadband signals with application to objects undergoing non-uniform motion 14687
Gray, J.E., Rice, T.R., Conte, J.E., Watson, G. A method for determining the non-linear time dependence of windowed data gathered from scattered signals 13378
Gray, J.L. *see* Durbin, S.M. 48116
Gray, J.N. *see* Doering, E.R. 9833
Gray, K.E. *see* Cha, Y.S. 11522
Gray, L.J. *see* Balakrishna, C. 26383
Gray, M.J. *see* Palmer, P.R. 48038
Gray, P. Residential broadband: the telco's future 30297
Gray, P. *see* Hales, W.M.M. 37451
Gray, P.E., Kuziej, G.P. Industry-university seminars 26109
Gray, P.K., Pietrobon, S.S. An Australian low earth orbiting mobile satellite system 45883
Gray, P.K. *see* Morrison, I.S. 45880
Gray, P.R. *see* Hu, T.H. 27035
Gray, P.R. *see* Hu, T.H. 45960
Gray, P.R. *see* Nishimura, K.A. 30958
Gray, P.R. *see* Nishimura, K.A. 42044
Gray, R. *see* Beaumont, S.P. 15637
Gray, R.M. *see* Andrews, B.D. 4849
Gray, R.M. *see* Cosman, P.C. 13500
Gray, R.M. *see* Effros, M. 45189
Gray, R.M. *see* Oehler, K.L. 4837
Gray, R.M. *see* Perlmutter, S.M. 31855
Gray, R.M. *see* Wong, P.W. 34157
Gray, S., Clube, F., Struchen, D. The holographic mask aligner 12489
Gray, S. *see* Clube, F. 12434
Gray, S.G. *see* Alexander, J.P. 24110
Gray, S.G. *see* Alexander, J.P. 46860
Gray, S.M. *see* Colley, J.D. 8133
Gray, V.W. *see* Weber, W.J., III 30686
Gray, W.J. *see* Yeh, S.D. 16616
Gray, W.W., Ranade, S.J., Puente, H.R. Considerations in the surge protection of 15 kV URD cable 32481
Grayden, D.B., Scordilis, M.S. TDNN vs. fully interconnected multilayer perceptron: a comparative study on phoneme recognition 4574
Grayson, T.P., Zou, X.Y., Branning, D., Torgerson, J.R., Mandel, L. Interference and indistinguishability governed by time delays in a low-Q cavity 28973
Grazia Betti, M. *see* De Renzi, V. 42780
Grazioli, A. *see* Carretta, T. 14060
Grazioso, P. *see* Frullone, M. 22896
Grazioso, P. *see* Frullone, M. 45869
Grazioso, P. *see* Grillo, D. 22900
Grcar, B. *see* Dolinar, D. 32894
Greager, D.C. *see* Marlow, B.K. 6463
Greason, W.D. Analysis of the charge/discharge processes for the basic ESD models 29096
Greason, W.D., Chum, K. Experimental study of unprotected MOS structures under EOS/ESD conditions 28168
Greated, C. *see* Morgan, R.D. 11611
Greated, C.A. *see* Hann, D. 31518
Greated, C.A. *see* Jakobsen, M.L. 13475
Greaves, S.D., Unwin, R.T. The current dependance of short gate-length GaAs MESFET intrinsic noise parameters 1619
Greaves, S.D., Unwin, R.T. The variation of short-gate-length GaAs MESFET intrinsic noise parameters with bias 19904
Greaves, S.D., Unwin, R.T. Device noise characterisation for the design of tuned front-end optical receivers used in coherent lightwave systems 30784
Greaves, S.D., Unwin, R.T. Design of GaAs MMIC tuned front-end optical receivers for use in lightwave subcarrier multiplex systems 30790
Greb, V.W. An intuitive approach to EM coupling 29216
Greb, V.W. An intuitive approach to EM fields 36254
Grebe, D. *see* Kaminskii, A.A. 28785
Grebe, K.R. *see* Tong, H.-M. 17919
Grebe, T. How utilities, customers can tackle harmonics problems 16192
Grebe, T.E. *see* Dabbs, W.W. 47505
Grebe, U. The 100 megahertz barrier in integrated building cabling 45739
Grebel, H., Jimenez, M., Krummrich, P. Conditional artificial dielectrics; optically controlled micro-strip structures 1389
Grebel, H., Zhong, W. Holographic integrated optical circuits 3925
Grebenko, Yu.A., Semkin, A.A. Digital bandpass filters based on identical sections 34169
Grebennik, V.N., Mosevitskii, I.S., Stolyarevskii, A.Ya., Nikitin, V., Raud, E.A., Romanova, E.G. Prospects of HTGR nuclear heat application in Russia 39837
Grebinskij, S. *see* Ambrazeviciene, V. 15109
Grebner, S., Wang, F., Schwarz, R. Carrier transport through grain boundaries in hydrogenated microcrystalline silicon 10655

Grebner, S. *see* Brogueira, P. 26486
Grebner, S. *see* Schwarz, R. 34500
Grebner, S. *see* Wang, F. 28129
Grebogi, C. *see* Hayes, S. 36497
Grebogi, C. *see* Lai, Y.-C. 35539
Grecescu, M. *see* Aroua, A. 32001
Grecescu, M. *see* Verdun, F.R. 24176
Grech, P. *see* Grunberg, P. 35836
Grech-Cini, H.J., McKee, G.T. Locating the mouth region in images of human faces 29557
Grechishkin, R.M. *see* Pastushenkov, Yu.G. 43269
Grechko, L.G. *see* Semchuk, A.Yu. 3197
Grecki, M., Napieralski, A. Two-dimensional analysis of SIT (static induction transistor) during switching process 2592
Grecki, M. *see* Napieralski, A. 2482
Greco, J.D. *see* Beomsup Kim 34185
Greco, J.G.del *see* del Greco, J.G.
Greco, M. *see* Arnone, C. 34458
Greco, V. *see* Balestri, S. 20938
Greef, R., Gray, D.E., Dartnell, N.J., Zhu, J., Lynch, S., Crean, G.M. Characterization of silicon on insulator multilayers using ex situ spectroscopic ellipsometry and in situ monochromatic ellipsometry during plasma etching 10895
Green, A.W. Modelling a push-pull parallel resonant convertor using generalised state-space averaging 8525
Green, A.W., Boys, J.T. An inductively coupled high-frequency power system for material handling applications 8520
Green, B., Strong, J., Anguelov, T., McLaren, R., Denes, E. A test system for second level trigger and data acquisition architectures 46985
Green, B.I. *see* Dykaar, D.R. 744
Green, C. *see* Brambilla, M. 35917
Green, C. *see* Coates, A.B. 35650
Green, C.A. *see* Gregus, J.A. 29060
Green, C.L., Provol, S.J. AHLSTROM PYROFLOW advanced pressurized circulating fluidized bed combustion technology 8164
Green, C.L. *see* Ambrose, S. 32642
Green, D.A. *see* Smith, P.R. 16020
Green, D.C. *see* Bell, J.M. 35480
Green, D.H. Simplification of switching functions using variable-entered maps 10048
Green, D.L., Hu, E.L., Petroff, P.M., Liberman, V., Nooney, M., Martin, R. Characterization of low energy ion-induced damage using the multiple quantum well probe technique with an intervening superlattice 27544
Green, D.M. *see* Rees, W.S., Jr. 756
Green, D.M. *see* Rees, W.S., Jr. 41385
Green, D.R.M. The need for low cost EMC and its legal implications 4154
Green, D.R.M. EMC Directive compliance for large systems 36273
Green, D.W. *see* Lakshmikumar, K.R. 37862
Green, F. Charge fluctuations in high-electron-mobility transistors: a review 2585
Green, F.H. *see* van der Tol, J.J.G.M. 43504
Green, G.D., Snyder, J.R., Roy, R.P., Levy, A.C., Kovac, R.J. Vinyl ethers, a new material technology for ultra-violet curable optical fiber coatings 2976
Green, H. Migrating products to MCM technology 9293
Green, J. *see* Zavracky, P.M. 19464
Green, J.L. *see* Alpert, Ya.L. 4125
Green, J.L. *see* Alpert, Ya.L. 29166
Green, J.L. *see* Johnson, R.H. 7338
Green, J.L. *see* Preece, A.W. 7366
Green, J.R. *see* Nelson, L.Y. 47198
Green, K. *see* Arugu, D.O. 2330
Green, L. Benefits of simulation prior to prototype 41595
Green, L. Evolution and revolution in fiber optic components 43438
Green, L., de Angelis, K. Noncontact sensor applications 46405
Green, L. *see* d'Angelo, A. 45167
Green, L. *see* Partin, D.L. 41439
Green, M. *see* Holmes, A.S. 3133
Green, M.A. Single-crystal silicon: photovoltaic applications 25686
Green, M.A. Silicon solar cells: the ultimate photovoltaic solution? 48118
Green, M.A., Emery, K. Solar cell efficiency tables (Version 3) 33020
Green, M.A. *see* Aberle, A.G. 33018
Green, M.A. *see* Campbell, P. 17387
Green, M.A. *see* Chieng, Y.K. 8777
Green, M.A. *see* Jianhua Zhao 33049
Green, M.A. *see* Shi, Z. 789
Green, M.A. *see* Shi, Z. 790
Green, M.A. *see* Stephens, A.W. 19321
Green, M.A. *see* Zhao, J. 20534
Green, M.A. *see* Zhao, J. 25700
Green, M.A. *see* Zheng, G.F. 40494
Green, M.L., Brasen, D., Luftman, H., Boone, T., Krisch, K. In-situ processing of Si film structures in a rapid thermal chemical vapor deposition reactor 832
Green, M.L. *see* Mau-Tsu Tang 27600
Green, N.W. PDC (Programme Delivery Control) 38350
Green, P. Tools and methods for developing easy to use driver information systems 38630
Green, P. *see* Jensen, J.F. 7411
Green, P. *see* Salous, S. 5800
Green, P. *see* Salous, S. 30660
Green, P.E., Jr. Development in wavelength-division optical networking 30764
Green, P.E., Jr., Coldren, L.A., Johnson, K.M., Lewis, J.G., Miller, C.M., Morrison, J.F., Olshansky, R., Ramaswami, R., Smithand, E.H., Jr. All-optical packet-switched metropolitan-area network proposal 5560
Green, P.J. *see* Buzak, T.S. 23812
Green, R.A. *see* Graves, D.R. 47152
Green, R.A. *see* Simon, D.M. 28532
Green, R.J. *see* Selvan, B. 14777
Green, R.P.M., Crofts, G.J., Damzen, M.J. Holographic laser resonators in Nd:YAG 44013
Green, R.P.M. *see* Damzen, M.J. 21087
Green, R.W. *see* DeAngelis, C.M. 4644
Green, S. *see* Chenoweth, A. 14567
Green, S.A. Stability as a function of gear train stiffness for solar array alpha gimbal pointing control system on space station Freedom 24432
Green, S.E.M. *see* Hill, D.L.G. 15774
Green, S.I., Zhijun Zhao Reconstructed double-pulsed holograms: a system for efficient automated analysis 36069
Green, S.M. *see* Harshavardhan, K.S. 20170
Green, S.M. *see* Harshavardhan, K.S. 43340
Green, T.A. *see* Douglas, L.D. 47425
Green, T.C. The impact of EMC regulations on mains-connected power converters 40330
Green, T.C., Dunnigan, M.W., Holliday, D., Wade, S., Williams, B.W. Measurement and on-line estimation approaches to parameter variation in vector controllers 47871
Green, T.C., Khater, M.M., Williams, B.W., El-Shanawany, M.M., Hassanein, A.A. A five-phase switched reluctance motor: design and performance 40520
Green, T.C. *see* Finney, S.J. 40322
Green, T.C. *see* He, X. 1057
Green, T.C. *see* Reay, D.S. 8347
Green, T.C. *see* Reay, D.S. 16824
Green, T.J., Jr *see* Marcus, S. 46103
Green, W.D.K. *see* Bookstein, F.L. 37030
Greenberg, A. *see* Nicol, D. 5311
Greenberg, C.B. Ghost cancellation system for the US standard GCR 38251
Greenberg, D.P. *see* Pruyn, P.W. 39192
Greenberg, D.R., Del Alamo, J.A. The impact of the extrinsic device on HFET performance 2599
Greenberg, G. *see* Etzion, T. 21635
Greenberg, H.R. *see* Mahoney, D.T. 32578
Greenberg, J.S. *see* Asoka-kumar, P. 23994
Greenberg, R.I., Hung, S.-C., Shih, J.-D. Parallel algorithms for single-layer channel routing 41559
Greenberg, R.I., Shih, J.-D. Feasible offset and optimal offset for single-layer channel routing 935
Greenberg, S., Benkoski, J., Wang, C. Switch-RC simulation in Verilog-XL 968
Greene, J.A. *see* Murphy, K.A. 23673
Greene, J.E. *see* Guinn, K.V. 41488
Greene, J.E. *see* Lee, N.-E. 34502
Greene, J.E. *see* Lin, M.E. 767
Greene, J.E. *see* Tsu, R. 18221
Greene, J.E. *see* Tsu, R. 33660
Greene, J.R. *see* Tapson, J. 31381
Greene, K. Fetal ECG waveform analysis during labour 47101
Greene, N.N. *see* Jeffries, A.T., III 11068
Greene, S.L. Smoothness evaluation of clean furnace blacks 47525
Greene, S.R. *see* Carbajo, J.J. 32595
Greenfield, G.R. Yet another matrix cryptosystem 36552
Greenhall, C.A. A shortcut for computing the modified Allan variance 21813
Greenham, N.C., Brown, A.R., Burroughes, J.H., Bradley, D.D.C., Friend, R.H., Burn, P.L., Kraft, A., Holmes, A.B. Electroluminescence from multilayer conjugated polymer devices-spatial control of exciton formation and emission 35615
Greenham, N.C., Friend, R.H., Brown, A.R., Bradley, D.D.C., Pichler, K., Burn, P.L., Kraft, A., Holmes, A.B. Electroluminescent devices made with conjugated polymers 35600
Greenham, N.C., Moratti, S.C., Bradley, D.D.C., Friend, R.H., Holmes, A.B. Efficient light-emitting diodes based on polymers with high electron affinities 11867
Greenhut, S.E., Jenkins, J.M., MacDonald, R.S. A stochastic network model of the interaction between cardiac rhythm and artificial pacemaker 31982
Greenhut, S.E., Steinhaus, B.M., Murphy, A.J. Comparison of a new template matching algorithm, correlation, and area of difference methods for detection of ventricular tachycardia 24306
Greenhut, V.A. *see* Chiang, W.-L. 40978
Greening, P. On-board diagnostics for control of vehicle emissions 48437
Greenland, P., Lee, M.J. A multi-chip assembly implementing control and power switching for single-ended off-line supplies 47984
Greenland, P. *see* Clark, A. 41668
Greenland, W. *see* Postlethwaite, D. 25029
Greenleaf, J.F. *see* Belohlavek, M. 7415
Greenleaf, J.F. *see* Lu, J.-Y. 16053
Greenleaf, J.F. *see* Lu, J.-y. 24553
Greenleaf, J.F. *see* Zheng, Y. 7406
Greenlief, C.M., Klug, D.-A., Du, W., Keeling, L.A. Surface investigations of germanium chemical vapor deposition on silicon 41393
Greenly, J.B. *see* Rej, D.J. 6882
Greenly, J.B. *see* Ueda, M. 7129
Greenop, D., Pearson, I., Johnson, T. Broadband—liberating the customer 45392
Greensite, F. Demonstration of "discontinuities" in the time derivatives of body surface potentials, and their prospective role in noninvasive imaging of the ventricular surface activation map 31956
Greensite, F. Numerical experiments with a model based parameter estimation scheme for a new approach to the inverse electrocardiography problem 39052
Greenspon, A.J. *see* Rosenbaum, R.M. 7462
Greenstein, B. Small size, wide trim precision thick film resistor 19154
Greenstein, D., Brown, T.F., Kester, R.C. Assessment of chemical lumbar sympathectomy in critical limb ischaemia using thermal imaging 47059
Greenstein, G.S., Patel, J.H. E-PROOFS: A CMOS bridging fault simulator 26866
Greenstein, L.J. *see* Clark, M.V. 37777
Greenstein, L.J. *see* Goldsmith, A.J. 5764
Greenwald, A., Horenstein, M., Ruane, M., Clouser, W., Foresi, J. Chemical vapor deposition of strontium-barium-niobate 9781
Greenwald, A.C., Rees, W.S., Jr., Lay, U.W. MOCVD erbium sources 9737
Greenwald, R.A. *see* Hanuise, C. 7600
Greenwald, T.J., Stephens, G.L., Vonder Haar, T.H., Jackson, D.L. A physical retrieval of cloud liquid water over the global oceans using Special Sensor Microwave/Imager (SSM/I) observations 15988
Greenwell, R.A., Scott, D.M., McAlarney, J.J. Nuclear survivable polarization fibers for fiber gyroscopes on spacecraft 6530
Greenwell, R.A. *see* Addleman, R.S. 7640
Greenwell, R.A. *see* Zmuda, M.W. 3030
Greenwood, G.W. Practical considerations for executing vision algorithms on parallel arrays 29814
Greenwood, J., Wray, T. High accuracy pressure measurement with a silicon resonant sensor 6394
Greenwood, J.C. Resonant pressure sensors 46389
Greenwood, J.C. A high pressure resonant sensor 46667
Greenwood, R.C., Putnam, M.H. Measurement of β^- end-point energies using a Ge detector with Monte Carlo generated response functions 24121
Greenwood, Z.D. *see* Riley, S.P. 7217
Greer, A.L. *see* Shih, W.C. 34833
Greer, E.J., Lewis, D.J., Macauley, W.M. Polarisation dependent gain in erbium doped fibre amplifiers 28759
Greer, K.L. *see* Gilland, D.R. 7357
Greer, K.L. *see* Li, J. 7358
Greer, K.L. *see* Turkington, T.G. 15751
Greer, K.L. *see* Wang, H. 15762
Greevy, O. Security and EDI 45390
Gregersen, O., Jorgensen, H., Olsen, F.O. On-line measurements of beam quality parameters on industrial CO_2-lasers related to capabilities in material processing 3754
Gregg, A.R., Kutscher, T.A. A profile of economical load management for a small utility 7781
Gregg, H. *see* Yeung, T.K. 21446
Gregg, K.J. *see* Gibbons, D.W. 17309
Gregoire, G. *see* Konijn, J. 24087
Gregoire, J.-C. Management with delegation 14035
Gregor, B. *see* Usak, P. 2922
Gregor, P., Lehan, K., Muhlen, H. Standard test methods for copper cored data transmission cables and for fiber optic cables 22744
Gregoretti, F. *see* Chiaberge, M. 18938
Gregori, E. *see* Conti, M. 5580
Gregori, E. *see* Conti, M. 22360
Gregori, E. *see* Conti, M. 45316
Gregoric, M. *see* Omahen, P. 39891
Gregorig, I. How capable is your machine tool? 46618
Gregorwich, W., Ward, R.B., Hall, R.A. An electronically scanned dual-polarized antenna for tracking multiple targets simultaneously 47324
Gregory, A., Lipczynski, R.T. The scanning and three dimensional reconstruction of facial features 47067
Gregory, B. Avoiding HDL synthesis pitfalls 33951
Gregory, B., Jeffs, M.D., Vail, J. The choice of cable type for application at EHV system voltage 16351
Gregory, B. *see* Attwood, J.R. 16424
Gregory, B. *see* Endersby, T.M. 16352
Gregory, B. *see* Endersby, T.M. 16357
Gregory, B. *see* Ford, A.E.W. 16358
Gregory, B. *see* Goel, S. 32047
Gregory, C.C., Harrington, J.A. Attenuation, modal, and polarization properties of $n<1$, hollow dielectric waveguides 3020
Gregory, D.A. *see* Cheng, F. 21915

Gregory, D.A. *see* Hudson, T.D. 36863
Gregory, D.A. *see* Pezzaniti, J.L. 28528
Gregory, D.A. *see* Tanone, A. 43553
Gregory, G.E. *see* Dharmadasa, I.M. 27586
Gregory, J. *see* Urrutikoetxea, A. 6495
Gregory, R.B. *see* Olowolafe, J.O. 34820
Gregory, R.O. *see* Rosenbaum, F.J. 1308
Gregotski, M.E., Jensen, O. Fractal modeling techniques for spatial data 32061
Gregus, J.A., Green, C.A., Yoon, E., Ostermayer, F.W., Hayes, T.R., Pawelek, R., Gottscho, R.A., Sohail, S., Naqvi, H. Real-time latent image monitoring during holographic fabrication of submicron diffraction gratings 29060
Gregus, J.A., Vernon, M.F., Gottscho, R.A., Scheller, G.R., Hobson, W.S., Opila, R.L., Yoon, E. Low-temperature plasma etching of GaAs, AlGaAs, and AlAs 10914
Gregus, J.A. *see* Aydil, E.S. 10915
Gregus, J.A. *see* Aydil, E.S. 27671
Gregusova, D. *see* Lalinsky, T. 42853
Greguss, P. New vistas in omnidirectional holography 12472
Grehan, R. 8051 software simulators 34096
Greico, G.M. *see* Bedeschi, F. 38912
Greifendorf, D. *see* Huenert, R. 34847
Greiff, P. *see* Mlcak, R. 27766
Greiman, W.H., Loken, S.C., McParland, C.P. Use of commercial gigabit data switches for SSC and LHC event builders 38921
Grein, C.H. *see* Young, P.M. 6487
Grein, H. Modernisation and transformation of hydro power stations: modern runner construction 47794
Greiner, A., Petrot, F. Designing portable module generators using the Alliance CAD system 43113
Greiner, A. *see* Hirech, M. 35061
Greiner, H. Accelerated exhaustive search procedure for filter design by merit function minimization 3289
Greiner, H. Code letters for cooling characteristics of electric motors 16776
Greiner, H. Inverter-fed electric motors 16777
Greiner, H. Inverter-fed electric motors 17034
Greiner, H. Inverter-fed electric motors 33097
Greiner, H. Inverter-fed electric motors 33151
Greiner, T., Eberle, E., Pandit, M. Design of signal-matched wavelets—theory and results 13459
Greiner, T., Mettlach, H., Pandit, M., Kumaresan, R. Multiresolution texture analysis—tissue characterization based on ultrasonic images 24209
Greisz, J. *see* Silva, J.M. 39524
Grekhov, I.V. Modern semiconductor devices for low- and medium-power converters 18479
Grekhov, I.V. *see* Berman, L.S. 1950
Grela, J. *see* Gaglia, B.N. 39940
Grela-M'Poko, B., Mehmet-Ali, M., Hayes, J.F. An approximate performance analysis of interconnected token-passing rings 5221
Grell, E. *see* Bergbauer, R. 15036
Grell, R., Wilk, H. Driver's information system for an electromobile 25914
Grella, L. *see* Di Fabrizio, E. 27925
Grella, L. *see* Gentili, M. 27982
Grella, L. *see* Luciani, L. 27926
Grellet, G. *see* Thollon, F. 8397
Grem, G. *see* Leising, G. 35598
Gremont, B. *see* Berkvens, P. 15392
Gremont, B. *see* Letellier, P. 7012
Grempler, K.E. An improved airborne ocean temperature acquisition display and analysis system 47276
Grenander, U., Keenan, D.M. On the shape of plane images 4879
Greneker, E.F. *see* Bruder, J.A. 46086
Greneker, E.F. *see* Williamson, F.R. 6131
Grenez, F. *see* Begusic, D. 22667
Grenier, D., Delisle, G.Y. An improved algorithm for the spatial analysis of correlated sources 13245
Grenier, D., Louis, J.-P. Use of an extension of the Park's transformation to determine control laws applied to a non-sinusoidal permanent magnet synchronous motor 8349
Grenier, G. *see* Teissier, L. 23163
Grenier, J.C., De La Casiniere, A., Cabot, T. A spectral model of Linke's turbidity factor and its experimental implications 44370
Grenier, P.A. Heat recovery steam generators—a key factor in economical combined cycle operation 16685
Grenier, Y. *see* Ait Amrane, O. 13392
Grenko, J.A. *see* Chu, S.N.G. 18288
Grennberg, A., Sandell, M. Experimental determination of the ultrasonic echo from a pointlike reflector using a tomographic approach 16056
Grenning, J. New testing solutions give providers a competitive edge 5310
Grenville, A., Owen, G., Pease, R.F.W. Image monitor for Markle-Dyson optics 27943
Grenville, A. *see* Jeong, H. 27938
Grenville, A. *see* Owen, G. 27842
Greschner, P.W. *see* Miller, W.H. 32005
Gresserov, B.N. *see* Sobolev, N.A. 42625
Gressus, C.Le *see* Le Gressus, C.
Gretsch, R., Gunselmann, W. Harmonics in low- and medium-voltage systems—analysis of disturbing sources and measures for a limitation of the emission 24621
Gretter, R. *see* Corazza, A. 4512
Greuel, K. *see* Bex, H. 25938
Greulich, K.O. *see* de With, A. 12498
Greuter, M.J.W. *see* van Veen, A. 10813
Grevatt, T. *see* Eason, R.W. 18260
Greve, A., Morris, D., Johansson, L.E.B., Whyborn, N.D., Gluiber, A. Precision of radio reflector surfaces adjusted from theodolite-tape measurements 38197
Greve, D.W. Kinetics of epitaxial layer growth from silane on (100) silicon 18159
Greve, D.W., Racanelli, M. Comparison of mesa-etched and ion-implanted Ge_xSi_{1-x} heterojunction bipolar transistors 2485
Greve, D.W. *see* Sarcona, G. 11111
Greving, G. *see* Zhu, N.Y. 15970
Grewal, S. The kilogram mass standard 6823
Grewe, L., Kak, A. Integration of geometric and non-geometric attributes for fast object recognition 22209
Grewing, T. *see* Zoubir, A.M. 15260
Grey, F. STM-based nanotechnology: the Japanese challenge 27818
Grey, F.N. *see* Christodoulou, C.G. 29164
Grey, R. *see* David, J.P.R. 43633
Grey, R. *see* Moloney, M.H. 10723
Grey, R. *see* Tamm, I.R. 19753
Grezes-Besset, C., Chazallet, F., Albrand, G., Pelletier, E. Synthesis and research of the optimum conditions for the optical monitoring of non-quarter-wave multilayers 11806
Grgic, D. *see* Feretic, D. 39820
Gribble, B.R., Aylor, J.H., Jones, S.H., Johnson, B.W. The use of bit conserving logic in design for testability 18663
Gribbons, M., Cangellaris, A.C., Prince, J.L. Finite-difference time-domain analysis of pulse propagation in multichip module interconnects 17916
Gribbons, M. *see* Cangellaris, A.C. 21327
Gribkovskii, R.V. *see* Yankov, R.A. 19542
Gribkovskii, V.P. *see* Gaponenko, S.V. 3793
Gribnikov, Z., Rothwarf, A. A new intermediate state model for the GTO: relation to the turn-off process 19801
Gribov, V.B. *see* Prutkovskii, E.N. 8225
Gribov, V.V. *see* Komisarchik, T.N. 16690
Gricova, M. *see* Petr, J. 28300
Gridasov, V.I. *see* Ageev, A.I. 15546
Grider, D. *see* Peczalski, A. 39227
Grider, D.T., Ozturk, M.C., Ashburn, S.P., Sanganeria, M., Wortman, J.J. Rapid thermal chemical vapor deposition of Si_xGe_{1-x} alloys on Si and SiO_2 and new applications of Si_xGe_{1-x} alloys in advanced MOSFET processes 9776
Grider, D.T., Ozturk, M.C., Wortman, J.J., Harris, G.S., Maher, D.M. Fabrication of ultra-shallow P^+-N and N^+-P junctions by diffusion from selectively deposited, ion-implanted and in-situ doped $Si_{0.7}Ge_{0.3}$ 2039
Grider, D.T. *see* Ren, X. 2530
Gridin, A.S. *see* Shevoldin, V.A. 35554
Gridin, D.V. *see* Ryabushkin, O.A. 3341
Griebel, M., Oswald, P. On additive Schwarz preconditioners for sparse grid discretizations 26386
Griebel, M. *see* Bungartz, H. 26375
Griebenow, R., Sudduth, A., Heuser, S., Perdeus, M., Fray, R. Power plant simulators using Westinghouse Distributed Processing Family hardware and software 32716
Griebl, L. *see* Wachholz, G. 22658
Griebl, L. *see* Wachholz, G. 30534
Grieder, P.K.F. *see* Grajew, G. 37613
Grieder, W., Langi, A., Kinsner, W. Codebook searching for 4.8 kbps CELP speech coder 29544
Grieger, K. *see* Becker, T. 22352
Griendt, M.A.J.van de *see* van de Griendt, M.A.J.
Griep, S. *see* Khare, J. 10176
Gries, T. *see* Cluver, K. 22981
Griesche, J., Hoffmann, N., Rabe, M., Jacobs, K. RHEED reflex profile analysis and phase locked epitaxy of ZnSe on (001)-oriented GaAs 26453
Grieser, M., Habs, D., Hahn, R.V., Ellert, C., Kleffner, C.M., Liebmann, J., Repnow, R., Schwalm, D., Stampfer, M., Wolf, A., Jaeschke, E., Papureanu, S. Recent developments at the Heidelberg Heavy Ion Cooler Storage Ring TSR 6900
Grieser, M., Habs, D., von Hahn, R., Kleffner, C.-M., Repnow, R., Schwalm, D., Stampfer, M., Schempp, A., Deitinghoff, H., Jaeschke, E., Papureanu, S. A high current injector for the Heidelberg Test Storage Ring TSR 15303
Grieser, M. *see* Kleffner, C.-M. 15524
Grieser, M. *see* Rathmann, F. 6941
Grieser, M. *see* von Hahn, R. 15518
Grieshaber, M., Myklebust, A. Enabling the integration of CAD/CAM software in a network environment through CASE 14236
Griesinger, U.A., Kaden, C., Lichtenstein, N., Hommel, J., Lehr, G., Bergmann, R., Menschig, A., Schweizer, H., Hillmer, H., Koops, H.W.P., Kretz, J., Rudolph, M. Investigations of artificial nanostructures and lithography techniques with a scanning probe microscope 27923
Griesinger, U.A. *see* Kaden, C. 20808
Griessmann, H. *see* Bruckner, W. 9798
Griffel, G., Lang, R.J., Yariv, A. Two-section gain-levered tunable distributed feedback laser with active tuning section 43905
Griffel, G. *see* Golan, G. 32123
Griffin, A.J., Jr., Hernandez, S.E., Brotzen, F.R., Dunn, C.F. A galvanic series for thin-film metallizations and barrier layers commonly used in the microelectronics industry 42752
Griffin, A.J., Jr., Hernandez, S.E., Brotzen, F.R., Lawrence, J.D., McPherson, J.W., Dunn, C.F. Corrosion behaviour of thin-film metallizations on CVD W and sputtered W-Ti barrier layers 42769
Griffin, G.S. *see* Tucker, G.S. 38198
Griffin, J. *see* Ballegeer, D.G. 10902
Griffin, J.C. *see* Gibb, W.J. 24269
Griffin, J.I. *see* Raglin, K.A. 16586
Griffin, J.P. *see* Raglin, K.A. 16586
Griffin, J.R. *see* Mahafza, B.R. 47321
Griffin, P.B., Lever, R.F., Packan, P.A., Plummer, J.D. Doping and damage dose dependence of implant induced transient enhanced diffusion below the amorphization threshold 34684
Griffin, P.J. *see* Kelly, J.G. 33335
Griffin, P.M. *see* Yee, S.R. 4987
Griffin, R. The Essex trials [remote water metering] 45497
Griffin, R.A., Sampson, D.D., Jackson, D.A. Modification of optical coherence using spectral phase coding for use in photonic code-division multiple access systems 22993
Griffin, R.D., Lee, J.N. Performance evaluation of an acousto-optic wide band correlator system 11792
Griffioen, W. Ageing of optical fibres in water 3063
Griffioen, W. Mechanical lifetime model for optical fibers in harsh environments 35367
Griffioen, W. Evaluation of optical fiber lifetime models based on the power law 43421
Griffioen, W., Breuls, T., Cocito, G., Dodd, S., Ferri, G., Haslov, P., Oksanen, L., Stockton, D., Svensson, T. COST 218 evaluation of optical fibre lifetime models 3002
Griffis, A.J. *see* Jackson, T.J. 24504
Griffis, D.P. *see* Stark, T.J. 2318
Griffis, D.P. *see* Stark, T.J. 27913
Griffith, D.M. *see* Beranek, M.W. 23683
Griffith, E.L. *see* Tucker, G.S. 38198
Griffith, J. *see* Marchman, H.M. 27928
Griffith, J.E., Marchman, H.M., Miller, G.L., Hopkins, L.C., Vasile, M.J., Schwalm, S.A. Line profile measurement with a scanning probe microscope 27927
Griffith, L.V. *see* Barnard, J.J. 31535
Griffith, W.S. *see* Jaisingh, L.R. 41020
Griffiths, A.J. *see* Aveneil, C.S. 25207
Griffiths, B.J. *see* Wang, Y.S. 13710
Griffiths, D. *see* Mills, G. 45393
Griffiths, G., Roe, H.S.J. Acoustic Doppler current profilers—a tool for both physical and biological oceanographers 47282
Griffiths, G.J. *see* Chin, V.W.L. 10664
Griffiths, H.D. Ultra-low range sidelobe pulse compression for satellite-borne rain radar 23169
Griffiths, H.D., Libert, M. Assessment of a technique for measurement of antenna G/T using solar noise 36364
Griffiths, H.D., Mancini, P. Extraction of textural information in polarimetric SAR 38165
Griffiths, H.D. *see* Armstrong, B.C. 23130
Griffiths, H.D. *see* Brennan, P.V. 36363
Griffiths, J. *see* Windram, M.D. 14547
Griffiths, J.W.R. *see* Chia, L.T. 45620
Griffiths, J.W.R. *see* Shi-Wei Gao 44958
Griffiths, L.J. *see* Castedo, L. 21766
Griffiths, L.J. *see* Ching-Yih Tseng 36718
Griffiths, L.J. *see* Tseng, C.-Y. 21882
Griffiths, P.J., Marsland, J.S., Eccleston, W. A study of noise in PWM neural networks 42122
Grigely, L.J. *see* Billatos, S.B. 17789
Grigg, J.F. Getting the attention of senior management for human factors issues: a personal experience 39790
Grigis, G. *see* Chiappo, A. 24911
Grignon, P., Heroin, G., Vigreux, G. Mainsborne communications on distribution networks at Electricite de France 24910
Grigonis, A. Elemental and structural state of the silicon surface layer and formation of dielectric covers on it in RIE and RIBE processes 2136
Grigorenko, M.Yu. *see* Tolmachev, S.A. 9404
Grigorenko, S.V. *see* Strokach, A.P. 46701
Grigor'ev, A.K. *see* Ageev, V.N. 1924
Grigor'ev, A.S. *see* Kuznetsov, V.G. 7846
Grigor'ev, E.V. *see* Starostenko, V.V. 27440
Grigor'ev, L.A. *see* Kamzin, A.S. 7298
Grigor'ev, O.A. *see* Borisov, R.K. 15964
Grigor'ev, V.R., Naumov, S.P. Neuronetwork implementation of a sorting algorithm on a three-dimensional optical neurochip 28562
Grigor'ev, Yu. *see* Efimov, S. 15384
Grigoriev, D., Karpinski, M. A zero-test and an interpolation algorithm for the shifted sparse polynomials 9445

Grigoriev, V.A. *see* Capeans, M. 24060
Grigoriev, Yu.V. *see* Bogdzel, A.A. 46958
Grigorieva, E.V., Kashchenko, S.A. Regular and chaotic pulsations in laser diode with delayed feedback 43855
Grigoriu, C. *see* Dragulinescu, D. 20635
Grigoropoulos, C.P., Xu, X., Park, H.K., Taylor, S.L. Heat transfer in laser processing of thin films 19547
Grigorov, K.G. A simple model of MOSFET's exposed to high doses of γ-irradiation 11199
Grigorova, T., Leung, I. SIM cards 37856
Grigoryan, G.G., Sogomonyan, S.B. Synchronously pumped discretely tunable SRS laser generating picosecond pulses in the 1.140-1.153 μm range 12041
Grigor'yants, A.V. *see* Balkarey, Yu. I. 12361
Grigoryants, E.A. *see* Arlantsev, S.V. 43738
Grigor'yants, E.A. *see* Bakaev, V.G. 43733
Grigor'yants, E.A. *see* Basov, N.G. 28739
Grigor'yants, V.V. *see* Babkina, T.V. 20505
Grigor'yants, V.V. *see* Babkina, T.V. 28580
Grigoryev, O.A. *see* Borisov, R.K. 39244
Grigor'yev, V.A. *see* Aleksandrovich, S.V. 3229
Grigsby, L.L. *see* Halpin, S.M. 32178
Grigsby, L.L. *see* Haskew, T.A. 24431
Grigsby, L.L. *see* Haskew, T.A. 47527
Grigsby, P. *see* Wong, J.W. 15907
Grigutsch, M. *see* Schmiedel, H. 6689
Grigutsch, M. *see* Schmiedel, H. 20408
Grijsbach, C. *see* Katz, A. 20903
Grill, A., Beach, D., Smart, C., Kane, W. Bottom electrodes for high dielectric oxide compounds: effects on crystallization of lead containing ferroelectrics 28336
Grill, R. *see* Hoschl, P. 27733
Grill, W. *see* Auerhammer, J. 43978
Grille, A. *see* O'Shaughnessy, K. 47008
Grilli, A. *see* Kang Shixiu 28030
Grilli, F. *see* Baiocchi, A. 45829
Grillo, A. *see* Ohsugi, T. 46838
Grillo, A. *see* Ziock, H.-J. 46885
Grillo, D., Dunlop, J., Frullone, M., de Ryck, F. A simulation testbed for the analysis of short-term adaptation mechanisms in the ATDMA system 22906
Grillo, D., Frullone, M., Grazioso, P., Valigi, P. A performance analysis of PRMA considering speech/data traffic, co-channel interference and ARQ error recovery 22900
Grillo, D.C., Fan, Y., Han, J., He, L., Gunshor, R.L., Salokatve, A., Hagerott, M., Jeon, H., Nurmikko, A.V., Hua, G.C., Otsuka, N. Pseudomorphic separate confinement heterostructure blue-green diode lasers 3647
Grillo, D.C., Fan, Y., Ringle, M.D., Han, J., He, L., Gunshor, R.L., Jeon, H., Salokatve, A., Hagerott, M., Nurmikko, A.V., Hua, G.C., Otsuka, N., Oh, E., Ramdas, A.K. Pseudomorphic SCH blue-green diode lasers 28811
Grillo, D.C. *see* Ding, J. 3322
Grillo, D.C. *see* Hovinen, M. 12219
Grillo, D.C. *see* Hua, G.C. 9537
Grillo, D.C. *see* Salokatve, A. 12146
Grillo, D.C. *see* Salokatve, A. 20767
Grillo, D.C. *see* Xie, W. 9536
Grillon, V. *see* Polack, J.D. 13208
Grilloni, N. The operational amplifier, characteristics and electrical parameters 41700
Grilo, F.C.V., Casimiro, A.M.E.S. Application of the Fourier transform to short antennas 4261
Grimado, P.B., Reith, L.A., Pellegrino, A. Optical fiber stresses produced during storage in splice organizers 5921
Grimado, P.B. *see* Reith, L.A. 35382
Grimaldi, D. *see* Corsonello, P. 18444
Grimaldi, M.G., Franzo, G., Ravesi, S., Terrasi, A., Spinella, C., La Mantia, A. Formation of epitaxial γ-$FeSi_2$, and β-$FeSi_2$, layers on (111) Si 18216
Grimaldi, M.G. *see* Derrien, J. 18145
Grimal'skii, V.V. *see* Gontar, I.A. 44352
Grimani, C. *see* Bocciolini, M. 24082
Grimard, D.S. *see* Morris, T.M. 412
Grimble, M.J. H_∞ optimal multichannel linear deconvolution filters, predictors and smoothers 21774
Grimble, M.J. *see* Connor, B. 25290
Grime, G.W. *see* Duhlev, R. 43452
Grimes, C.A. A radar sensor for robotic vision 6123
Grimes, C.A. EMI shielding characteristics of permalloy multilayer thin films 44474
Grimes, C.A. *see* Grimes, D.M. 44555
Grimes, D.M., Grimes, C.A. Poynting's theorem and time-harmonic radiators 44555
Grimes, R.W. *see* Binks, D.J. 10511
Grimm, J.M. *see* Nyquist, D.P. 12662
Grimm, M.J. *see* Petilli, S.G. 26980
Grimm, R.C. *see* Liu, Yu.L. 47044
Grimm, T. *see* Walling, L. 46754
Grimmeiss, H.G. *see* Engvall, J. 19387
Grimmeiss, H.G. *see* Pettersson, H. 19369
Grimmeiss, H.G. *see* Pettersson, H. 19378
Grimmett, J.D. *see* Belady, C.L. 352
Grimshaw, M. *see* Daniels, M.E. 19379
Grimshaw, M.P. *see* Brown, M. 42521
Grimshaw, M.P. *see* Burroughes, J.H. 11233
Grimshaw, M.P. *see* Churchill, A.C. 2572
Grimshaw, M.P. *see* Liang, C.-T. 42527
Grimshaw, M.P. *see* Simpson, P.J. 10712
Grinbaum, I.N., Leonov, V.I. Rotor magnetic field of a 300 MW cryoturbogenerator 25373
Grinberg, A.A. *see* Luryi, S. 2459
Grinberg, G.S. *see* Khotuntsev, Yu.L. 1074
Grinberg, G.S. *see* Khotuntsev, Yu.L. 11153
Grinberg, V.S. *see* Kosy, D.W. 47576
Grindatto, D.P. *see* Muller, E. 42561
Grindle, R.J., Midwinter, J.E. An high contrast, symmetric self-electro-optic effect device (S-SEED) and its potential use in a distributed control, all-optical packet switch 3195
Grindstaff, B. *see* Coates, D. 17240
Grinfeld, M. *see* Tourigny, Y. 41183
Gringer, R. How manufacturing looks at the role of quality 438
Grinzato, E. *see* Bison, P.G. 6835
Grion, N. *see* Bonutti, F. 24109
Grippa, R. *see* Piloni, M. 27301
Grischkowsky, D. *see* Katzeneilenbogen, N. 44181
Griscom, D.L., Gingerich, M.E., Friebele, E.J., Putnam, M., Unruh, W. Fast-neutron radiation effects in a silica-core optical fiber studied by a CCD-camera spectrometer 43425
Griscom, D.L. *see* Friebele, E.J. 5944
Grisel, A. *see* Demarne, V. 819
Grisel, A. *see* Hanni, W. 9769
Grisell, T.L. *see* Short, B.R. 19014
Grisez, A.G. Distribution networks in France 5296
Grisham, L.R. *see* Kamperschroer, J.H. 7128
Grishchenko, S.G. Investigation of scattering characteristics of axially symmetrical bodies of arbitrary shape in the quasi optical domain 44371
Grishchuk, I.A. *see* Aftanas, L.I. 24277
Grishin, B.S. *see* Lopin, M.I. 1795
Grishin, V.K., Criquet, C.M. Short-wave free-electron Cerenkov laser with plasmic and dielectric layers 35905
Grishin, V.M., Rusetsky, A.S. Measurement of the influence of the relativistic electron transition radiation on threshold efficiency 15649
Grishin, V.N. *see* Mikirtichan, G.M. 15118
Grisko, S.E. *see* Staudt, J.E. 32709
Grison, D. *see* Clairon, A. 6300
Griswold, B., Deshpande, U. Building high-volume MCM-D multichip modules for the PC industry 392
Gritsenko, V.I. *see* Prutkovskii, E.N. 8225
Griva, G. *see* Abe, T. 17453
Griva, G. *see* Boglietti, A. 17483
Griva, G. *see* Boglietti, A. 25875
Griva, G. *see* Habetler, T.G. 17456
Grivna, G., Freeman, J., Tracy, C. Elimination of stress induced voids on AlCu multilevel interconnect lines 19667
Grivna, G., Goodner, R. A new global planarization technique using in situ isotropic photoresist mask erosion 19694
Grivna, G. *see* Freeman, J.L. 2203
Grlicarev, I. Some aspects of operational experience feedback [Slovenian nuclear plants] 39892
Grob, H. *see* Tran-Gia, P. 214
Grobelny, P.A. *see* Bandler, J.W. 41597
Grober, L. *see* Hong, M. 42698
Grober, L.H. *see* Hong, M. 28838
Grober, R. *see* Carter, G.M. 43848
Grobner, O. Engineering limitations with electrons 31604
Grobner, O. *see* Bojon, J.-P. 15310
Grobner, O. *see* Brandt, D. 7025
Grobner, O. *see* Gomez-Goni, J. 15313
Grochal, P. *see* Nowak, M. 17007
Grochal, P. *see* Olesinski, R. 17080
Grochenig, K. Acceleration of the frame algorithm 44968
Grocholewski, S., Krenz, R. Lateral inhibition in vowel processing 13105
Grodnev, I.I. Twisting effect of optical fibers 11590
Grodski, J.J. *see* Drascic, D. 24584
Grody, N.C. *see* Lure, Y.M.F. 27114
Grodzinski, P. *see* Osinski, J.S. 12112
Grodzinski, P. *see* Zou, Y. 12111
Grodzinski, P. *see* Zou, Y. 20835
Groeger, J.H. *see* Jeffery, A. 35175
Groen, F.C.A. *see* Krose, B.J.A. 38710
Groen, F.H. *see* Amersfoort, M.R. 38125
Groen, F.H. *see* Pedersen, J.W. 35474
Groeneveld, P. Necessary and sufficient conditions for the routability of classical channels 9870
Groeneveld, P., Stravers, P. OCEAN: designing your own sea-of-gates chip 10118
Groenewegen, M.W.A. *see* Linnartz, J.P.M.G. 37794
Groenewold, G. *see* Moree, J.P. 1311
Groeseneken, G. *see* De Wolf, I. 34966
Groeseneken, G. *see* Van den bosch, G. 19453
Groeseneken, G. *see* van den Bosch, G. 28137
Groeseneken, G. *see* Van den bosch, G. 34964
Groeseneken, G. *see* Van Houdt, J. 34060
Groeseneken, G. *see* Wellekens, D. 34063
Groff, S., Brown, G. Industrial image archiving applications 19700
Grogan, W. *see* Grajew, G. 37613
Groggin, E. Limits of conditional expectations 44855
Grohmann, I. *see* Krause, S. 6621
Grohmann, I. *see* Moritz, W. 6476
Grohs, J., Apanasevich, S., Issler, H., Kuball, M., Steffen, J., Klingshirn, C. Spatiotemporal switching in optically bistable CdS crystals 3803
Grohs, K.-D. *see* Wachholz, G. 22658
Grohs, K.-D. *see* Wachholz, G. 30534
Groisman, G. *see* Parker, J.R. 4864
Grokholski, A.S. *see* Davydov, D.N. 12540
Groleau, N. *see* Frainier, R. 47173
Grolemund, D., Tsai, C.S. Statistical moments of Rayleigh scattered fields in porous fiber reinforced composites 9844
Groll, R. Electronic control circuits for fluorescent tubes 40639
Groll, R. Lighting electronics reduces costs. High cost-effectivity using ECG 40657
Groll, R., Speh, R.M. Standardized control system for MV substations 25612
Grolleau, G. *see* Lebender, B. 22450
Groller, E., Stockers, W. ACC—lossless data compression of animation sequences 4457
Grollmann, J. *see* Braun, K. 14296
Gromada, J., Pham, T. Selection and demonstration of a common data bus monitor and analysis system 39449
Gromoll, B. Advanced micro air-cooling systems for high density packaging 40968
Gromov, K.Ya. *see* Abdurazakov, A.A. 38933
Gromova, T.I., Kupriyanova, T.A., Filippov, M.N., Gvozdev, A.A., Romantsevich, V.I., Fainboim, E.G. Determination of the position of *p-n* junction in semiconductor heterostructure cleavages by scanning electron microscopy in the secondary electron emission mode 27524
Gromovoi, Yu.S. *see* Plyatsko, S.V. 42450
Gromzin, M.M. Stability of an angle-modulated radio signal receiver with respect to the action of interference 14769
Gronau, G., Felder, A. Coplanar-waveguide test fixture for characterisation of high-speed digital circuits up to 40 Gbit/s 10036
Gronau, G., Weisse, A., Kramer, O. CPW test fixture characterizes microwave devices 38659
Gronbech-Jensen, N., Blackburn, J.A. Hyperradiance from soliton oscillators synchronized by capacitive or inductive coupling 20185
Gronbech-Jensen, N. *see* Blackburn, J.A. 43354
Gronbech-Jensen, N. *see* Cirillo, M. 35274
Gronbech-Jensen, N. *see* Lomdahl, P.S. 2906
Gronberg, J. *see* Alexander, J.P. 24110
Gronberg, J. *see* Alexander, J.P. 46860
Grondin, R., Kamwa, I., Soulieres, L., Potvin, J., Champagne, R. An approach to PSS design for transient stability improvement through supplementary damping of the common low-frequency 24697
Grondin, R. *see* Jullien, G.A. 41854
Grondin, R. *see* Kamwa, I. 24607
Grondin, R.O. *see* Clark, L.T. 35145
Gronefeld, P.G., Grunert, H., Schuster, N. Extension of network analysis through the introduction of digital protection equipment 32486
Gronert, E., Heywood, P. Corporate networking in Eastern Europe 22611
Gronfors, T.K., Juhola, M. On digital filtering of auditory brainstem responses 24275
Gronley, J.K. *see* Perry, J. 15867
Gronroos, M., Polonen, J., Vakiparta, P. A universal single chip analog CMOS speech processor for analog mobile cellular phones 21676
Gronsky, R. *see* Im, S. 766
Gronsky, R. *see* Im, S. 10872
Gronsky, R. *see* Jingbao Liu 43121
Gronsky, R. *see* Seongil Im 18137
Groom, D.E. *see* Gabriel, T.A. 31718
Groom, N.J., Britcher, C.P. A description of a laboratory model magnetic suspension test fixture with large angular capability 24388
Groos, N. *see* Protiwa, F.-F. 2538
Groot, G.J.de *see* de Groot, G.J.
Groot, J.J.de *see* de Groot, J.J.
Groot, P.de *see* de Groot, P.
Groote, J.de *see* de Groote, J.
Groote, J.G. *see* Tattersall, C. 37234
Grooth, B.G.de *see* de Grooth, B.G.
Grootonk, S. *see* Townsend, D.W. 15764
Groover, R. *see* Culver, R. 26194
Groppelli, S. *see* Sberveglieri, G. 6660
Groppi, G. *see* Mattavelli, L. 39714
Gros, B. *see* Molle, P. 20010
Grosch, T. Introduction to S-parameters 933
Grosch, T.O., Carpenter, L.A. Two-port to three-port noise-wave transformation for CAD applications 19064
Groselj, B. Bounded and minimum global snapshots 45351
Groshens, T.J., Lowe-ma, C.K., Scheri, R.C., Dalbey, R.Z. Alternate titanium source compounds for CVD of Ti/TiC coatings 41474
Groslambert, J. *see* Vernotte, F. 18516
Groslambert, J. *see* Vernotte, F. 23871
Groslambert, J. *see* Wischert, W. 18512
Groslambert, J. *see* Wischert, W. 18527
Grosman, A., Chamarro, M., Morazzani, V., Ortega, C., Rigo, S., Siejka, J., von Bardeleben, H.J. Study of anodic oxidation of porous silicon: relation between growth and physical properties 34770
Grosman, A. *see* Morazzani, V. 34771
Grosman, A. *see* von Bardeleben, H.J. 42568

Gross, A. *see* Alff, L. 35283
Gross, A. *see* Bollmann, R. 46869
Gross, C.A. *see* Halpin, S.M. 32178
Gross, C.A. *see* Haskew, T.A. 24431
Gross, C.A. *see* Shaffer, E.C. 47903
Gross, E., Winkler, F. Data-driven digital filter uses unclocked LCA ASIC circuit 34166
Gross, E. *see* Caccia, M. 7205
Gross, F.B., Brown, W.J. New frequency-dependent edge mode current density approximations for TM scattering from a conducting strip grating 29150
Gross, G.W., Rhoades, B.K., Reust, D.L., Schwalm, F.U. Stimulation of monolayer networks in culture through thin-film indium-tin oxide recording electrodes 38947
Gross, H. *see* Kuebart, W. 35624
Gross, J. *see* Haubrich, H.J. 17532
Gross, J.H., Etter, D.M., Margo, V.A., Carlson, N.C. A block selection adaptive delay filter algorithm for echo cancellation 12639
Gross, K.C. *see* Tentner, A.M. 25184
Gross, M. *see* Bazylenko, M.V. 35461
Gross, M. *see* Fioni, G. 7286
Gross, M. *see* Huang, R.-S. 23566
Gross, M. *see* Shwe, C. 19521
Gross, M. *see* Wachholz, G. 22658
Gross, M. *see* Wachholz, G. 30534
Gross, M.E. *see* Guinn, K.V. 41488
Gross, M.E. *see* Weber, A. 42754
Gross, O.J., Thorpe, S.J., Gupta, S.D. Synthesis of a bismuth oxide-based powder via an ion complexing method for solid oxide electrolytes [for SOFCs] 17336
Gross, P., Pozimski, J., Weis, T., Dolling, R., Klein, H. Low-energy beam transport of intense and partially space-charge-neutralized ion beams 31566
Gross, P., Strunc, J. The SKODA hydrogenerators and turbogenerators 32832
Gross, P. *see* Pozimski, J. 15410
Gross, P. *see* Weis, T. 23981
Gross, R., Veeneman, D. Clipping distortion in DMT ADSL systems 13266
Gross, R. *see* Fiksman, G. 5899
Gross, R. *see* Hebrank, F. 23968
Gross, R. *see* Lemke, S. 20198
Gross, R. *see* Marx, A. 20207
Gross, T. *see* Krause, S. 6621
Gross, T.S., Perault, J.A., Watt, D.W. An experimental investigation of deformation of plated holes for a single 30-210-30°C thermal cycle 42286
Gross, V.P. *see* Voldman, S.H. 28277
Gross, W. Balanced resistive MESFET mixer in uniplanar technology 30698
Gross, Y. *see* Berger, S. 37359
Grossberg, P. *see* Himel, T. 6991
Grosse, I.R. *see* Katragadda, P. 40960
Grosser, V. *see* Michel, B. 29080
Grossi, M.D. *see* Bannister, P.R. 4314
Grossi, R.O., Aranda, A. Variational problem for correct formulation of Timoshenko beams 18089
Grossi, T. *see* Somerville, J. 34043
Grossinger, R., Jewell, G.W., Dudding, J., Howe, D. Pulsed field magnetometry 43324
Grossiord, J.Y. *see* Malek, F. 38936
Grosskopf, G. *see* Eiselt, M. 5668
Grosskopf, G. *see* Pieper, W. 43377
Grosskopf, H. *see* Kaiser, D. 28671
Grosskopf, H. *see* Kuebart, W. 35624
Grossman, B. *see* Hou, H. 31243
Grossman, B.G. *see* Shinobu Doi 28524
Grossman, R.L. *see* Caire, G. 21838
Grossman, R.L. *see* Caire, G. 21892
Grossman, W.M. *see* Plaessmann, H. 20695
Grossman, Yu.S., Bondarchuk, A.I. Detection in inhomogeneities in a medium by its electrical conductivity 9864
Grossmann, M.C. *see* Bohmer, K. 41087
Grosso, A. *see* Denning, D. 5390
Grossopf, G. *see* Ehrhardt, A. 22306
Grot, A.C. *see* Shenoy, K.V. 20580
Grot, S.A., Ditizio, R.A., Gildenblat, G.S., Badzian, A.R., Fonash, S.J. Electronic device fabrication using electron cyclotron resonance etching of boron doped homoepitaxial diamond films 10910
Grote, D. *see* Eylon, S. 31558
Grote, D.P., Friedman, A., Haber, I. 3D simulations of axially confined heavy ion beams in round and square pipes 15478
Grote, D.P., Friedman, A., Yu, S. 3D simulations of an electrostatic quadrupole injector 46756
Grote, D.P. *see* Barnard, J.J. 31535
Grote, D.P. *see* Callahan, D.A. 15473
Grote, D.P. *see* Celata, C.M. 31562
Grote, D.P. *see* Friedman, A. 15477
Grote, D.P. *see* Friedman, A. 31565
Grote, D.P. *see* Friedman, A. 46758
Grote, L. *see* Varri, A.O. 39071
Grote, N. *see* Reier, F.W. 41261
Grote, S. 60 kW cw (500 MHz) with a standard TV-klystron 10620
Groteluschen, E., Dutta, L.S., Zaage, S. Full-wave analysis and analytical formulas for the line parameters of transmission lines on semiconductor substrates 11262
Groteluschen, E. *see* Zaage, S. 19963
Groth, R., Steingraber, W. Diagnostic tests on high voltage electric power circuit breakers 25590
Grothe, H. *see* Schraud, G. 35775
Grothman, J. Implementation of intelligent data communications in DA systems 7930
Grotjahn, F. *see* Kaiser, D. 28671
Grotjahn, F. *see* Kuebart, W. 35624
Grotjohn, T.A. *see* Gopinath, V. 27734
Grotjohn, T.A. *see* Huang, C.-J. 11177
Grotstollen, H. *see* Bunte, A. 8416
Grotstollen, H. *see* Heinemann, L. 32944
Grotstollen, H. *see* Ruff, M. 8852
Grotstollen, H. *see* Wiesing, J. 8401
Grottke, M., Imamura, M., Bechteler, W., Mayer, O. Comparative assessment of silicon cell pyranometers 46379
Grotzbach, M., Draxler, B. Effect of DC ripple and commutation on the line harmonics of current-controlled AC/DC converters 25555
Grotzbach, M., Xu, J. Noncharacteristic line current harmonics in diode rectifier bridges produced by network asymmetries 16978
Grotzbach, M., Xu, J. Line-side behaviour of three-phase diode rectifiers with reactance smoothing 40335
Grotzbach, M. *see* Xu, J. 25522
Groussin, B., Pitard, F., Parent, A., Carriere, C. 1000 W QCW output power from surface emitting GaAs/AlGaAs laser diodes arrays 20862
Grousson, R. *see* Roblin, M.L. 28983
Groutage, D.F., Gary, J.D., Owen, D.K. Near-field plane wave generation using a minimum mean square error approach 6151
Grouzinenko, V.B., Bezdelkin, V.V. Piezoelectric resonators from $La_3Ga_5SiO_{14}$ (langasite)-single crystals 20098
Grouzinenko, V.B. *see* Asseev, P.I. 20064
Grovenor, C.R.M. *see* Davies, K. 11523
Grovenor, C.R.M. *see* Lai, H.C. 33725
Grover, G.S. Application & growth of voice mail service 5425
Grover, G.S. Open System Interconnection protocols in value added services 37148
Grover, G.S. Audiotex 45667
Grover, R.L., Vanvick, T.W., Watkins, C.M. Repowering Nelson Industrial Steam Company Roy S. Nelson Station, Units 1 and 2 8170
Grover, V., Goslar, M.D. The initiation, adoption, and implementation of telecommunications technologies in US organizations 5269
Grover, W.D. A new method for clock distribution 42022
Grover, W.D., MacGregor, M.H. Potential for spare capacity preconnection to reduce crossconnection workloads in mesh-restorable networks 37158
Grover, W.D. *see* Benterud, K.P. 23015
Grover, W.D. *see* Dunn, D.A. 37172
Grover, W.D. *see* Friesen, T.M. 30571
Grover, W.D. *see* MacGregor, M. 30254
Groves, J. *see* Sinha, B.K. 6481
Groves, T.R. Efficiency of electron-beam proximity effect correction 27950
Groves, T.R., Hartley, J.G., Pfeiffer, H.C., Puisto, D., Bailey, D.K. Electron beam lithography tool for manufacture of X-ray masks 2301
Groves, T.R. *see* Pfeiffer, H.C. 27908
Grown, B.G. Cooling high-density power converters 1019
Grozdanic, I. Compacting and transformation of 35, 110 and 220 kV transmission lines into 110, 220 and 400 kV transmission lines. Temporary transmision-line north-south 24982
Grozdanov, K.A. *see* Tzolov, V.P. 28725
Groznetskii, B.N., Schteinberg, A.L., Kulikovskii, K.A. Optimal amplitude-phase postdetector discrimination of signals 21867
Groznetskiy, B.N., Shteynberg, A.L. Characteristics of random vector with an ellipsoidal distribution of components 29619
Grub, A., Simon, A., Krozer, V., Hartnagel, H.L. Future developments for Terahertz Schottky barrier mixer diodes 10466
Grub, A. *see* Krozer, V. 19066
Grubb, J.L. *see* Leopold, R.J. 30622
Grubb, S.G. *see* Mizrahi, V. 45946
Grubbs, G. *see* Badger, D. 14771
Grube, S. *see* Biewald, H. 16323
Gruber, A. *see* Franzke, B. 15382
Gruber, A.G. *see* Irsigler, M. 48357
Gruber, P. A recursive least square approach with exponential weighting factor to short time Fourier analysis 13434
Gruber, S., Villalobos, L., Olsson, J. Practical neural networks for industrial inspection: a case study using web-process inspection 46298
Gruber, S. *see* Olsson, J. 22235
Grubin, H.L., Govindan, T.R., Kreskovsky, J.P., Stroscio, M.A. Transport via the Liouville equation and moments of quantum distribution functions 11251
Grubin, H.L. *see* Witmer, S.B. 2471
Grubisich, M. *see* Ratnam, P. 11175
Gruden, S., Zajc, B. Analog active filter design for realization in CMOS technology 42046
Grudinin, A. *see* Payne, D.N. 30838
Grudinin, A.B., Khrushchev, I.Yu., Kuznetsov, A.V. Femtosecond passively mode-locked Yb-Er fibre laser 3535
Grudinin, A.B., Richardson, D.J., Payne, D.N. Passive harmonic modelocking of a fibre soliton ring laser 3561
Grudinin, A.B. *see* Afanasjev, V.V. 3018
Grudinin, A.B. *see* Basiev, T.T. 43807
Grudinin, A.B. *see* Harutjunian, Z.E. 43410
Grudinin, A.B. *see* Loh, W.H. 43764
Grudler, P. *see* Kirchner, D. 6291
Grudszus, S., Marz, M. Influence of gas dissociation and xenon addition on steady-state microwave-excited CO_2 laser discharges 3464
Grueff, G. *see* Takahashi, Y. 30943
Gruen, A., Cocard, M., Kahle, H.-G. Photogrammetry and kinematic GPS: results of a high accuracy test 39366
Gruen, A., Stallmann, D. High-accuracy matching of object edges 23700
Gruenbaum, P.E., Dinh, V.T., Sundaram, V.S. Gallium antimonide infrared solar cells with improved efficiency and manufacturability 33047
Gruenewald, W., Schulz, S.E., Hintze, B., Gessner, T. Interface reactions between CVD and PVD tungsten and aluminium [metallisation] 19632
Gruenewald, W. *see* Schulz, S.E. 19629
Gruger, K. *see* Kraus, J. 23307
Gruger, K. *see* Winzker, M. 46223
Gruhle, A. The influence of emitter-base junction design on collector saturation current, ideality factor, Early voltage, and device switching speed of Si/SiGe HBT's 42870
Gruhle, A., Kibble, H., Erben, U., Kasper, E. Base thickness and high-frequency performance of SiGe HBT's 19793
Gruhle, A. *see* Erben, U. 42209
Gruhlke, R., Giamonna, L., Langhorn, C., Kanzler, K., Kedmi, J. Medical and industrial laser beam shaping by diffractive optical elements 35933
Gruhlke, R., Kanzler, K., Sasnett, M., Hecht, H. Laser energy distributions produced by the use of diffractive optical elements 3746
Grula, J., Blood, W. Four layer metal, flip chip, submicron ASIC product designed for advanced multichip module 17907
Grumbach, S., Tahi, F. Compression of DNA sequences 7319
Grun, R., Voigtlander, D. Plasma cleaning of metal surfaces with pulsating direct current 9037
Grunbacher, H. *see* Qian Zhang 18771
Grunbaum, F.A. *see* Bernfeld, M. 46051
Grunberg, C. *see* Baron, E. 15585
Grunberg, P., Baranov, A., Fouillant, C., Lazzari, J.L., Grech, P., Boissier, G., Alibert, C., Joullie, A. High-power low-threshold $Ga_{0.88}In_{0.12}As_{0.10}Sb_{0.90}$-$Al_{0.47}Ga_{0.53}As_{0.04}Sb_{0.96}$ double heterostructure lasers grown by liquid phase epitaxy 35836
Grunberg, P. *see* Leclercq, J.L. 12209
Grunberg, P. *see* Tournie, E. 43939
Grund, C.E., Paserba, J.J., Hauer, J.F., Nilsson, S.L. Comparison of Prony and eigenanalysis for power system control design 24698
Grund, C.E., Sweezy, G., Hauer, J.F., Balser, S.J., Nilsson, S. Dynamic system monitoring (DSM) for HVDC modulation control 16212
Grund, C.J. *see* Kmetec, J.D. 28792
Grundbacher, R., Chang, H., Hannan, M., Adesida, I. Fabrication of parallel quantum wires in GaAs/AlGaAs heterostructures using AlAs etch stop layers 27545
Grundbacher, R. *see* Chang, H. 27559
Grundler, D., David, B., Eckart, R., Dossel, O. Highly sensitive $YBa_2Cu_3O_7$ DC SQUID magnetometer with thin-film flux transformer 23507
Grundmann, M., Christen, J., Heinrichsdorff, F., Krost, A., Bimberg, D. Strain distribution in InP grown on patterned Si: direct visualization by cathodoluminescence wavelength imaging 41302
Grundmann, M. *see* Schnabel, R.F. 26438
Grundstrom, M. *see* Campbell, T.G. 38279
Grundy, P.J. *see* Matsuda, H. 20136
Gruneberg, K., Klein, H., Nie, J., Schussler, J.F., Stammnitz, P. Hardware implementation of the framestore and data rate control for a digital HDTV-VCR 30985
Gruneberg, K. *see* Stammnitz, P. 38286
Grunenfelder, R. Measurement techniques and equipment for B-ISDN 14284
Grunenfelder, R. *see* Rao, S. 30483
Grunenwald, C., Haug, F. On stable torsion-free nilpotent groups 9414
Gruner, G. *see* Donovan, S. 19005
Gruner, G. *see* Dressel, M. 19006
Gruner, G. *see* Klein, O. 19004
Gruner-Nielsen, L., Haslov, P., Skovgaard, N.H. Short and long term behaviour of halogen free fire retardant cable materials in different environments 5916
Grunert, H. *see* Gronefeld, P.G. 32486
Grunewald, K., Giesen, A., Hugel, H. Theoretical investigation on CO_2 laser design 11963
Grunewald, W. *see* Reinhardt, C. 892
Grunhaus, J. *see* Cushman, P. 24012
Gruning, T. *see* Heinitz, M. 40908
Grunler, R. *see* Stade, D. 40674
Grunling, H.W. *see* Knodler, R. 8759

Grunnet-Jepsen, A., Elston, S.J., Richter, I., Takacs, J., Solymar, L. Subharmonic domains in a bismuth germanate crystal 20293
Grunnet-Jepsen, A., Schulser, K., Dahl-Petersen, S., Palsdottir, B., Bjarklev, A., Rottwitt, K., Povlsen, J.H., Rasmussen, T. Experimental investigation of tapered erbium-doped fiber amplifiers 3505
Grunstein, T. *see* Stein, S.J. 23749
Grunthaner, F.J. *see* Kaiser, W.J. 27521
Grunthaner, F.J. *see* Rich, D.H. 34559
Gruntman, M.A. A new collimator design for energetic neutral atom instruments 47267
Grunwald, A.J., Kohn, S. Visual field information in low-altitude visual flight by line-of-sight slaved helmet-mounted displays 39255
Grunwald, A.J. *see* Dorighi, N.S. 39202
Grunwald, R., Jager, G. Precision dilatometer for the medium-temperature range 23925
Grunze, M. *see* Bender, F. 46517
Grupen, M., Hess, K. The self-consistent simulation of the modulation responses of quantum well lasers 20893
Grupen, R.A. *see* Huber, M. 38478
Grupp, A. *see* Bauerle, P. 26528
Grupp, H. *see* Breiner, S. 40854
Grusell, E. *see* Pettersson, O.A. 7340
Grush, R.C. *see* Hoffman, J.W. 23589
Grushka, A. *see* Zafrir, H. 39122
Grusky, O. *see* Apostolakis, G. 39772
Gruson, J.A.De *see* De Gruson, J.A.
Gruszecki, T., Holmstrom, B. Preparation of thin films of polycrystalline CdSe for solar energy conversion I. A literature survey 9677
Grutzeck, H. *see* Weckenmann, A. 17943
Grutzmacher, D. *see* Bergmann, R. 27552
Grutzmacher, D.A. *see* Sedgwick, T.O. 18151
Grutzmacher, D.A. *see* Zaslavsky, A. 43028
Gruwe, M. *see* Konijn, J. 24087
Gruzalski, G.R. *see* Bates, J.B. 17251
Gruzdev, A.Yu., Sablin, A.D. Dynamics of a synchronous machine with inductive energy storage for short-period duty 40120
Gruzdev, V.V., Modenov, V.P., Pirogov, Yu.A., Fominova, E.E. Diffraction by dielectric discontinuities in a partially dielectric-filled below-cut-off waveguide 4197
Gruzelier, J. *see* Burgess, A. 31918
Gruzinskis, V., Mitin, V., Starikov, E., Shiktorov, P. Noise and submillimeter wave generation in InP diodes 19024
Gruzinskis, V., Starikov, E., Shiktorov, P., Reggiani, L., Saraniti, M., Varani, L. Small-signal and noise characteristics of submillimeter diode generators 19025
Gruzinskis, V., Starikov, E., Shiktorov, P., Reggiani, L., Varani, L. Hydrodynamic approach to noise spectra in unipolar semiconductor structures 42827
Gruzinskis, V. *see* Mitin, V. 27245
Gruzza, B. *see* Bideux, L. 1947
Gryadun, V.I. *see* Shapovalov, V.P. 42685
Gryazanov, N.S., Gubkin, I.N., Zheleznyakov, V.D., Klinevskii, M.G., Surkov, A.N., Trifonov, S.N., Chernykh, S.M. Influence of technological factors on the dynamic losses in the superconducting magnets of an acceleration and storage complex 15469
Gryaznov, N.A., Kiselev, V.M., Sosnov, E.N. Excitation of relaxation oscillations due to a shift of the emission frequency of a CO_2 laser 43727
Gryba, T., Lefebvre, J.E. Optimisation of MQW structures for acousto-optic absorption modulators 35513
Grycewicz, T.J., Horner, J.L. Joint transform correlator using a 4-f lens system to achieve virtual displacement along the optical axis 36862
Gryka, J. *see* Beliczynski, B. 34170
Grynkewich, G.W., Freeman, J.L., Morrow, W.K., Wang, P., Woodburn, R.F. The effects of ILD thickness and slope etch depth on via performance and metal filling characteristics 19660
Grythe, K. Improvement of non-data aided phase estimation by thresholding 21872
Gryzlov, A.V. *see* Sobenin, N.P. 15323
Grzan, J., Casalaina, R.V., Hahn, E.I., Kansog, J.O.C. The 345-kV underground/underwater Long Island Sound cable project 16330
Grzech, A., Kasprzak, A. Blocking probability versus stream rate for route in ISDN 30526
Grzelakowski, M. ISDN Centrex goes to school 14271
Grzesik, U. *see* Bernhardt, A. 28443
Grzesik, U. *see* Fabian, H. 3029
Grzeszczak, A. *see* Kaszczyszyn, S. 27442
Grzybowski, A. *see* Mitkowski, E. 25842
Grzybowski, S., Jenkins, E.B. AC and lightning performance of fiberglass crossarms aged in 115 kV transmission line 32442
Grzybowski, S., Ren, C.B. An evaluation of added critical flashover voltage by fiberglass crossarm to suspension insulators 39634
Gschwind, M.K. FTP access as a user-defined file system 45530
Gsteiger, K.E. *see* Sanders, T.J. 375
Gu, A.Y. *see* Crowe, M.S. 44697
Gu, B.X., Shen, B.G., Zhai, H.R. NdFeB alloy with low Nd concentration of high coercivity 11463
Gu, C., Campbell, S., Yeh, P. Nonlinear optical matrix multiplier 20461
Gu, C., Pochi Yeh Photorefractive devices for optical neural networks 28570
Gu, C., Yeh, P., Botez, D. Confined modes in dual-state two-dimensional waveguides 20366
Gu, G., Lytle, D.W. Direct estimation of time delay using third-order cumulants 4602
Gu, G. *see* Gong, J. 14220
Gu, H., Asada, M., Shirai, Y. The optimal partition of moving edge segments 13588
Gu, H.E. *see* Tsuboi, T. 43773
Gu, J. *see* Puri, R. 10069
Gu, J. *see* Ying, C. 33369
Gu, M., Alvarado, F.L., DeMarco, C.L. Eigensensitivity analysis for differential-algebraic power system models 24768
Gu, P.F., Li, H.F., Zhu, Z.C., Tang, J.F. The properties of vacuum-evaporated CdS and CdSe double layered films doping with copper and chlorine 34671
Gu, P.F., Tang, J.F. Laser-induced damage resistance of thin-film polarizers prepared by ion-assisted deposition 28937
Gu, R.H. *see* Lu, W. 46496
Gu, S.H. *see* Wang, C.H. 3861
Gu, T., Okandan, M., Awadelkarim, O.O., Fonash, S.J., Rembetski, J.F., Aum, P., Chan, Y.D. Impact of polysilicon dry etching on 0.5 μm NMOS transistor performance: the presence of both plasma bombardment damage and plasma charging damage 42973
Gu, T. *see* Awadelkarim, O.O. 42744
Gu, T. *see* Reinhardt, K. 34743
Gu, W. On minimal embedding of two graphs as center and periphery 26291
Gu, X., Blank, L.C. 10 Gbit/s unrepeatered three-level optical transmission over 100 km of standard fibre 22990
Gu, X.P., Zhang, W.Q., Gao, S., Zhu, Y.L., Yang, Y.H., Gao, Y.K., Pan, M.H., Li, W. Realization of an expert system for on-line fault diagnosis and restoration in a bulk power system 25081
Gu, Y.-B. *see* Chen, M.-J. 35087
Gu, Y.S. *see* Chai, W.P. 41284
Gu, Y.S. *see* Chai, W.P. 41358
Gu, Z., Snelgrove, W.M. Application of a novel self-calibrating scheme to a video-rate pipelined multi-stage A/D converter 10237
Gu Ben-Yuan *see* Ben-Yuan Gu
Gu Binglin *see* Binglin Gu
Gu Bozhong The influence of MHD effects on channel boundary layers 25738
Gu Bozhong A quasi-one dimensional electrical model for coal-fired MHD channels design 25770
Gu Bozhong *see* Chen Yuan Li 25762
Gu Guangun *see* Guangun Gu
Gu Hairen *see* Luan Guidong 32135
Gu Hui-Ping, Zhu Xian-De, Shen Gong, Zhang Jin-Yu, Wang Yang Principle and control of a multi-point magnetic inclinometer 38447
Gu Huifen *see* Zheng Yangshu 28259
Gu Junhua, Shen Xueqin, Yan Weile The parallel computation of 3D electromagnetic field based on EBE technique 44193
Gu Lee Eun *see* Eun Gu Lee
Gu Leguan, Zhang Jianhui, Sun Caixin Partially optimized charge simulation method for calculating electrical field distribution along polluted insulator 16409
Gu Leguan, Zhang Jianhui, Sun Caixin Influence of surface electric field distribution along polluted cylindrical insulator on flashover process 16410
Gu Leguan, Zhang Jianhui, Sun Caixin Analysis of flashover mechanism of polluted post insulators 16411
Gu Leguan *see* Sun Caixin 16412
Gu Leguan *see* Zhang Jianhui 7984
Gu Li Jie *see* Jie Gu Li
Gu Pei-fu *see* Pei-fu Gu
Gu Peifu *see* Peifu Gu
Gu Shaoting *see* Xu Jun 20722
Gu Ting-Xi *see* Jiang Xiang-Qian 46607
Gu Wen-qui *see* Liu Han-ying 28004
Gu Xu, Nicholson, P.S. Modelling and compensation of field distortion due to defective elements in planar ultrasonic arrays 39419
Gu Xuedao *see* Xuedao Gu
Gu Yapin *see* Chen Guangju 38375
Gu Yifan *see* Chen Yu 6924
Gu Zhi-Guang *see* Zhi-Guang Gu
Gual, J. *see* Dkiouak, R. 27689
Gual, J. *see* Portillo, J. 34752
Gualco, G.C. *see* Sanelli, C. 15539
Gualdron, O., Arsenault, H.H. Locally nonlinear matched filtering 21963
Gualtieri, G.J. *see* Barr, D.L. 33721
Gualtieri, J.G., Kosinski, J.A., Ballato, A. Piezoelectric materials for SAW applications 11357
Gualtieri, J.G., Kosinski, J.A., Ballato, A. Piezoelectric materials for acoustic wave applications 35139
Gualtieri, J.G., Kosinski, J.A., Wilber, W.D., Lu, Y., Lin, S.T., Murray, M., Ruderman, W. Dilithium tetraborate ($Li_2B_4O_7$) fabrication technology 20048
Guan, B. *see* Roy, K. 18408
Guan, H.W. *see* Wang, C.H. 3861
Guan, L., Peng, X.L., Cheng, S.J., Zhang, J., Gao, Z.M., Chen, Q.T. An online power system expert system used database and its intelligent management system 7832
Guan, L., Pusarla, C., Halkias, G., Christou, A. Module level performance simulator for electrical and optical interconnects 17846
Guan, L., Pusarla, C., Halkias, G., Christou, A. Electrical and optical interconnect simulation 17866
Guan, L. *see* Peng, X.L. 7831
Guan, W.-J., Tsai, W.K., Blough, D. An analytical model for wormhole routing in multicomputer interconnection networks 14244
Guan, X. *see* Manry, M.T. 21900
Guan, X. *see* Yan, H. 24615
Guan, Y. *see* Fujii, S. 15765
Guan, Z.-Y., Hulyalkar, S.N. Bit-precision requirements on the A/D converter in a QAM receiver 12819
Guan, Z.P. *see* Lu, Y.M. 44120
Guan Bingzhong *see* Bingzhong Guan
Guan Chengxiang *see* Chengxiang Guan
Guan Cuntai, Chen Yongbin Speaker-independent tone recognition for Chinese speech 4528
Guan Fuyi *see* Zhang Weiqing 28943
Guan Ling *see* Peng Xiaolan 7726
Guan Ling *see* Peng Xiaolan 32250
Guan Ling *see* Ling Guan
Guan Lu-Tai Polynominal natural spline smoothing interpolation and generalized interpolation to scattered data 18061
Guan Qingcai *see* Qingcai Guan
Guan Sheng-Uei *see* Sheng-Uei Guan
Guan Sng Eng *see* Sng Eng Guan
Guan Zhicheng *see* Zhicheng Guan
Guan-Chyun Hsieh, Jung-Chien Li Design and implementation of series and parallel resonant converters 1026
Guan-Chyun Hsieh *see* Jung-Chien Li 945
Guan-Qin Hu *see* Xi-Qi Feng 41244
Guanbing Li *see* Li Guanbing
Guanfeng Xu *see* Ruining Li 28775
Guanfeng Xu *see* Xu Guanfeng
Guang Chen *see* Chaoyang Tu 41238
Guang Chen *see* Chen Guang
Guang Zhao *see* Zhao Guang
Guang-Bo Gao *see* Xiang Gui 42204
Guang-Da Chen, Lin-Sen Wang, Guo-Hua Gong Design of high performance LED printer's video controller with Chinese fonts 1251
Guang-Hui Hsu *see* Jensen, U. 453
Guang-Hui Liu *see* Liu Guang-Hui
Guang-Qing Meng *see* Meng Guang-Qing
Guang-Quan Wang *see* Wang Guang-Quan
Guang-Wen Pan, Jilin Tan, Murphy, J.D. Full-wave analysis of microstrip floating-line discontinuities 36343
Guang-Yu Wei *see* Wei Guang-Yu
Guangbi Wu *see* Wu Guangbi
Guangdi Liao *see* Liao Guangdi
Guangdong Du *see* Du Guangdong
Guangfu Wei *see* Wei Guangfu
Guangguo Bi *see* Bi Guangguo
Guanghan Xu, Roy, R.H., III, Kailath, T. Detection of number of sources via exploitation of centro-symmetry property 36758
Guanghan Xu, Silverstein, S.D., Roy, R.H., Kailath, T. Beamspace ESPRIT 44993
Guangheng Wu *see* Wiedemeier, H. 637
Guanghui Guo *see* Guo Guanghui
Guanghui Sun *see* Sun Guanghui
Guanghui Wei *see* Wei Guanghui
Guanghui Zhang *see* Zhang Guanghui
Guangju Chen *see* Chen Guangju
Guanglin Kong *see* Kong Guanglin
Guangpu Wei *see* Wei Guangpu
Guangqi Yue *see* Yue Guangqi
Guangqiu Tong, Souders, T.M. Compensation of Markov estimator errors in time-jittered sampling of nonmonotonic signals 23492
Guangshen Sun *see* Sun Guangshen
Guangsheng Guo *see* Guo Guangsheng
Guangsheng Sun *see* Sun Guangsheng
Guangsheng Wang *see* Wang Guangsheng
Guangtian Zou *see* Zou Guangtian
Guangun Gu, Jian Gong, Guoxin Wu, Jianguo Gao Design and implementation of JSnet with OSI architecture 5495
Guangwei Wang *see* Wang Guangwei
Guangxi Dai *see* Dai Guangxi
Guangxi Zhu *see* Zhu Guangxi
Guangxin Yue *see* Yue Guangxin
Guangxu Jin *see* Jin Guangxu
Guangyao Meng *see* Meng Guangyao
Guangyi Liu *see* Liu Guangyi
Guangyin Zhang *see* Zhang Guangyin
Guangyou Xu *see* Jianchao Zeng 5074
Guangyou Xu *see* Xiang Wan 46506
Guangzhao Wu *see* Wu Guangzhao
Guangzhao Xu, Min Yang, Ping Jiang A theoretical investigation on the quantum field effect directional coupler 19926
Guangzhao Xu, Ping Jiang Mode-splitting behaviour of an asymmetric y-branching electron waveguide 35040
Guangzhao Zhang *see* Zhang Guangzhao
Guangzheng Ni *see* Ni Guangzheng
Guanhu He *see* He Guanhu

Guanming Lai *see* Jun Chen 21099
Guanqi Li *see* Li Guanqi
Guanrong Chen Controlling Chua's global unfolding circuit family 26654
Guanrong Chen *see* Trung Tat Pham 45057
Guanshan Zhou *see* Zhou Guanshan
Guansheng Zhang *see* Zhang Guansheng
Guanxi Yin *see* Yin Guanxi
Guanyu He *see* He Guanyu
Guaon Tang *see* Tang Guaon
Guard, D.R. *see* Hollier, M.P. 21680
Guarda, R. *see* Franchi, S. 22593
Guarini, M. *see* Guesalaga, A. 38386
Guarino, C.R. Robust detection of weak signals in a high clutter environment 29625
Guarino, F. *see* Abbrescia, M. 7270
Guarneri, R.M., Resmini, L., Lanting, C.J.M. New IBC services in support of the border crossing trade in the European Community 14006
Guasch, C., Voillot, F., Goiran, M., Peyrade, J.P., Bedel, E., Fontaine, C., Atmani, H., Rocher, A. Alternate method to produce quantum wires using dislocation slipping 42499
Guastavino, F. *see* Bozzo, R. 33779
Guastavino, F. *see* Coletti, G. 2725
Guattari, G. *see* Galluzzi, F. 33027
Guattari, G. *see* Leo, G. 28608
Guattari, G. *see* Vincenzoni, R. 27607
Guazzoni, P. *see* Dellera, P. 15200
Guba, R. *see* Wagner, J. 40245
Guba, R. *see* Wagner, J. 47899
Guba, R. *see* Wagner, J. 47918
Gubanski, S.M., Nilsson, U., Wang, M.-S. E. Thermally stimulated depolarization current measurements of different polyolefin compounds 11381
Gubanski, S.M., Wang, M.-S.E. Vulcanization influence on TSD currents and wettability of room temperature vulcanized silicone rubber HV insulator coatings 7981
Gubarev, A.A., Leus, S.G., Misyura, V.A., Podnos, V.A., Pokhil'ko, S.N. Multifrequency ionospheric RF sounding facility 32095
Gubarev, V.V., Mufdi, F.Kh. The vector characteristics of random signals and a device for measuring them 13294
Gubatova, D. *see* Varchenya, V. 24172
Gubbala, N., Singh, C. Reliability analysis of interconnected power systems using Monte-Carlo simulation on ncube parallel computer 39505
Gubbels, W. *see* De Loore, B.J.S. 23358
Gubina, F. *see* Omahen, P. 39891
Gubkin, I.N. *see* Gryazanov, N.S. 15469
Gubner, J.A. Distributed estimation and quantization 21481
Gubser, D.U., Francavilla, T.L., Soulen, R.J., Jr., Mitchell, D.L. High temperature superconductivity: magnets and applications of Naval interest 11548
Gubser, D.U. *see* Mitchell, D.L. 8917
Guchait, B. *see* Chaudhuri, A.S. 16661
Gudaev, M.-A.A. *see* Bisliev, A.M. 6379
Gudaev, O.A., Paul, E.E. The effect of current carrier exclusion on the relaxation time of photoconductivity 11823
Gudaev, O.A., Paul, E.E. The influence of surface recombination on the parameters of film PbS photodetectors 28606
Gudaev, O.A., Treshikhin, V.A. Low-temperature annealing and physical properties of photosensitive PbS films 28607
Gude, L. High speed digital interface for radar applications 23440
Gudem, P.S. *see* Abdel-Aty-Zohdy, H.S. 11214
Gudger, K. *see* Slager, J. 28279
Gudimetla, V.S.Rao *see* Rao Gudimetla, V.S.
Gudkov, N.D. On the so called detailed-balance limit to the efficiency of rectifying solar cells 48130
Gudkov, V.A. Single-mode double-quantron YAG:Nd laser 35722
Gudmundson, B. *see* Dent, P. 37771
Gudmundsson, O. *see* Sanghi, D. 14145
Gudmundsson, V. *see* Pfannkuche, D. 42518
Gudzenko, A.I. Survival electronics—prospects for environmental monitoring 24483
Gue, A.-M. *see* Rouhani, M.D. 42833
Guedes de Oliveira, P. *see* Oliveira e Silva, T. 1330
Gueesang Lee, Irwin, M.J., Owens, R.M. Polynomial time testability of circuits generated by input decomposition 33829
Guegan, G. *see* Roux-dit-Buisson, O. 19814
Gueigu Siu *see* Siu Gueigu
Gueissaz, F., Enoki, T., Ishii, Y. High current density double modulation-doped $Al_{0.48}In_{0.52}As$-$Ga_{0.35}In_{0.65}As$ millimetre-wave HEMT 19032
Guelev, M.G., Mischev, I.T., Burgkhardt, B., Piesch, E. A two-element $CaSO_4$:Dy dosemeter for environmental monitoring 32003
Guelke, R.W. The use of acoustic elements to control the frequency response of a hearing-aid 15917
Guella, T.P. *see* Babu, B.N.S. 23180
Guella, T.P. *see* Barile, E.C. 23187
Guemas, F. *see* Bosland, P. 9775
Guen Kim Jae *see* Jae Guen Kim
Guena, J. *see* Meyer, S. 5453
Guenais, B. *see* Guivarc'h, A. 41274
Guenais, B. *see* Lambert, B. 9637
Guenais, B. *see* Lambert, B. 28494
Guenette, D.R. *see* Newmark, E. 14830
Guenin, B.M. Transient thermal model for the MQUAD microelectronic package 40972
Guenther, B. *see* Abel, P. 7586
Guenther, B.W. *see* Nithianandam, J. 24485
Guenther, K.H. *see* Kimble, T.C. 11636
Guenther, P., Klemberg-Sapieha, J.E., Martinu, L., Wertheimer, M.R. Charge storage in plasma deposited thin films 35123
Guerasimenko, I.V. *see* Iglesias, A. 11472
Gueret, P. *see* Blanc, N. 1910
Guerin, C. *see* Choquet, B. 6210
Guerin, J.-P. *see* Viala, M. 45171
Guerin, R. *see* Cidon, I. 5203
Guerin, R. *see* Cidon, I. 30411
Guerin, R. *see* Georgiadis, L. 45279
Guerin, Y., Muller, J.-D., Samuelides, M. ADC: a neural net-based system for quality control of VLSI masks 9914
Guerjouma, R.El *see* El Guerjouma, R.
Guerra, A. *see* Harwood, L. 15527
Guerra, A.Del *see* Del Guerra, A.
Guerra, F., Arevalo, S., Alvarez, A., Miranda, J. A quick distributed concensus protocol 22345
Guerra, F., Arevalo, S., Alvarez, A., Miranda, J. A distributed consensus protocol with a coordinator 30469
Guerra, J.M. *see* Weigand, R. 43747
Guerreiro das Neves, M.V., Brandao Faria, J.A. On the discretization process involved in the staircase-approximation technique for analyzing radially inhomogeneous optical fibers 2967
Guerrero, H., Escudero, J.L., Bernabeu, E. Magnetic-field sensor using plastic optical fiber and polycrystalline CdMnTe 15046
Guerrero, H., Zoido, J., Escudero, J.L., Bernabeu, E. Characterization and sensor applications of polycarbonate optical fibres 6519
Guerrero, T.M., Cherry, S.R., Dahlbom, M., Ricci, A.R., Hoffman, E.J. Fast implementations of 3D PET reconstruction using vector and parallel programming techniques 15739
Guerri, S. *see* Summonte, C. 8746
Guerrier, G. *see* Yvon, D. 24035
Guerriero, L. *see* Ferrazzoli, P. 16022
Guertin, J. *see* Davis, J.A. 21092
Guerzoni, M. *see* Benvenuti, A. 7252
Guesalaga, A., Foessel, A., Guarini, M., Cipriano, A., Kropholler, H.W. On-line measurement of paper shrinkage using image analysis 38386
Guesbaoui, H., Jung, C. An analytic formulation of synchronous machine characteristic parameters from a model reduction by a multi-time scale technique 40123
Guesdon, J.P. *see* Julien, C. 42453
Guess, F.M. *see* Lin, D.K.J. 41023
Guess, T.R., Burchett, S.N. An experimental/analytical study of strains in encapsulated assemblies 325
Guest, C.C. *see* Brodsky, S.A. 11790
Guest, C.C. *see* Lee, T.Y.P. 24141
Guest, D. PC on a chip 18748
Guettinger, T.W. *see* Suhr, H. 9822
Guey-Chi Guo *see* Wen-An Loong 28019
Guey-Shya Chen, Ja-Ling Wu, Wei-Jou Duh, Lin-Shan Lee A novel scaling scheme for fast Hartley transform 21808
Guey-Shya Chen, Wei-Jou Duh, Ja-Ling Wu Comments on "Fixed-point error analysis of fast Hartley transform" 4779
Gueziec, A., Ayache, N. Smoothing and matching of 3-D space curves 45069
Guffrey, B. Step motor system power supply selection 40556
Guffrey, B. Power supply selection for step motor systems 48167
Guggenbach, P. *see* Stemmler, H. 8845
Guggenbuhl, W., Morbach, G. Forward crosstalk compensation on bus lines 18446
Guggenbubl, W. *see* Rechsteiner, M. 6592
Guggenheim, N., Dorsaz, P.A., Doriot, P.A., Suilen, C., Chappuis, F., Rutishauser, W. 3D determination of the intravascular volume and flow of coronary arteries 38970
Guggenheimer, S. *see* Wright, D.L. 3735
Guggenheimer, S.C. *see* Ekstrand, J. 3715
Guggi, D. *see* Mantl, S. 18146
Guglielmi, F., Luschi, C., Spalvieri, A. Blind algorithms for joint clock recovery and baseband combining in digital radio 14443
Guglielmi, J.-P. *see* Herment, A. 24258
Guglielmi, L. *see* Adam, W. 46929
Guglielmi, M. Optimum CAD procedure for manifold diplexers 1457
Guglielmi, M., Alvarex Melcon, A. Novel design procedure for microwave filters 27139
Guglielmi, M., Alvarez, A., Gheri, G. Multimode synthesis procedure for microwave filters based on thick inductive windows 1427
Guglielmi, M., Gheri, G., Calamia, M., Pelosi, G. Rigorous multimode network numerical representation of inductive step 42166
Guglielmi, M., Melcon, A.A. Rigorous, multimode equivalent network representation of capacitive discontinuities 21318
Guglielmi, M. *see* Karacaoglu, U. 42215
Guglielmi, M. *see* Smith, H.K. 29254
Guglielmo, M. Opportunities and requirements for user applications [telecommunication] 22401
Gugulski, B. *see* Ernst, J. 31659
Guha, A., Agrawal, M.B., Rundquist, R.R. Multimedia-integrated real-time control systems 5546
Guha, D. *see* Saha, P.K. 4220
Guha, S., DePuydt, J.M., Haase, M.A., Qiu, J., Cheng, H. Degradation of II-VI based blue-green light emitters 11871
Guha, S., DePuydt, J.M., Qiu, J., Hofler, G.E., Haase, M.A., Wu, B.J., Cheng, H. Role of stacking faults as misfit dislocation sources and nonradiative recombination centers in II-VI heterostructures and devices 10692
Guha, S. *see* Banerjee, A. 48113
Guha, S. *see* Haase, M.A. 3590
Guha, S. *see* Haase, M.A. 28812
Guha, S. *see* Jones, S.J. 33051
Guha, S. *see* Wu, B.J. 9546
Guha, S. *see* Xu, X. 48142
Guha, S. *see* Yota, J. 34730
Guharay, S.K., Allen, C.K., Reiser, M. Study of beam dynamics for an intense, high-brightness H^- beam to design an efficient low-energy beam transport using ESQ lenses 31582
Guharay, S.K., Allen, C.K., Reiser, M., Saadatmand, K., Chang, C.R. Study of emittance growth and its control for a low energy H^- beam transport system 46732
Guharay, S.K. *see* Allen, C.K. 46771
Guhmann, C., Ropke, K., Filbert, D. Classification of time series by fault sensitive filters 31142
Guhr, A. *see* Dorschel, B. 24084
Gui, M., Huson, F.R., Li, Z., Ostrovsky, T., Pope, R., White, J.T., Suson, D. Radiation damage study on glass-liquid scintillating fibers 24021
Gui, M., Huson, F.R., Pope, R., White, J.T., Suson, D. Liquid scintillating fiber calorimetry 24075
Gui, M. *see* White, J.T. 31751
Gui Decheng *see* Yuan Renkuan 42906
Gui Qiang *see* Yang Zhihong 15015
Gui Xiang *see* Xiang Gui
Gui-Chuan Liu *see* Kai-Ying Wang 2797
Gui-De Tang *see* Tang Gui-De
Gui-Jing Sun *see* Sun Gui-Jing
Gui-Jun Ji *see* Ji Gui-Jun
Guiati, C. Algorithms for data compression: theory and applications of the JPEG standard 21584
Guibelalde, E., Vano, E. Design criteria for and evaluation of phantoms employed in conventional radiography 24163
Guibelalde, E. *see* Llorca, A.L. 24164
Guibert, A.de *see* de Guibert, A.
Guibert, L., Keryer, G., Attia, M. Optical road-sign recognition to improve active safety features 33126
Guibert, M. *see* Ibrahim, H. 3533
Guibert, M. *see* Ibrahim, H. 3547
Guibord, A. *see* Gokhale, D. 37749
Guibord, A.F. *see* Karam, F.G. 37924
Guichard, A. *see* Malek, F. 38936
Guichard, E. *see* Ferlet-Cavrois, V. 41904
Guichard, F. *see* Alvarez, L. 29744
Guida, J. Operation of the D0 uranium liquid-argon calorimeter system 24015
Guida, J. The D0 calorimeter trigger 24101
Guida, U. *see* Fermo, R. 16311
Guidarelli Mattioli, A. *see* Scarano, G. 4736
Guidera, S.A. *see* Sehgal, C.M. 7399
Guidi, F. *see* Tortoli, P. 36746
Guidi, L., Girardi, G. Demonstration of low NO_x reburn technology 39936
Guidi, M.A., Holland, D. Operational and human factors implications of physiological deconditioning in long duration spaceflight 15947
Guidi, V. *see* Aleksandrov, A.V. 7142
Guidi, V. *see* Aleksandrov, A.V. 31655
Guidi, V. *see* Aleksandrov, A.V. 38805
Guidi, V. *see* Calabrese, R. 34473
Guidi, V. *see* Calabrese, R. 38804
Guidi, V. *see* Yang, B. 12528
Guidini, R., Chatroux, D., Guyon, Y., Lafore, D. Semiconductor power MOSFETs devices in series 2562
Guido, T.S. *see* Yellen, S.L. 12199
Guidong Luan *see* Luan Guidong
Guidotti, G. *see* Cancellieri, G. 45772
Guidotti, R.A., Reinhardt, F.W. Gas-pressure studies with Li(Si)/FeS_2 thermal batteries 17174
Guidotti, R.A. *see* Reed, J.W. 17175
Guiducci, S. *see* Antonelli, A. 24054
Guiducci, S. *see* Biagini, M.E. 15379
Guien Zhou *see* Beifang Yang 33681
Guieysse, M. *see* Belfort, M. 30685
Guifang Li, Tobin, J.A., Denton, D.D. Excitation of nonlinear guided waves in Kerr-type media by use of chirped and tapered gratings 21039
Guifu Fei *see* Fei Guifu
Guignard, G. High-gradient linac studies in the frequency range of CLIC 6879
Guigou, C., Fuller, C.R., Frampton, K.D. Experiments on active control of acoustic radiation due to a clamped edge on a semi-infinite beam 32126
Guiheen, J.V. *see* Minh, N.Q. 17285
Guijarro-Berdinas, B. *see* Moret-Bonillo, V. 38955
Guilbert, A.R. *see* Sanderson, M.L. 46677

Guilfoyle, P.S., Hessenbruch, J., Evans, G.A., Hammer, J.M. Tunable DBR lasers for photonic random optical memory access (PROMAC) 20459
Guilfoyle, P.S., Hessenbruch, J., Zeise, F.F. Global optical free space 'smart' interconnects 3259
Guilfoyle, P.S., Stone, R.V., Hessenbruch, J., Zeise, F.F. Optical RISC computer 3257
Guilhot, J.P. *see* Schmitt, F. 21877
Guilinger, T. *see* Redman, D.A. 10868
Guillaud, G., Simon, J. Transient properties of nickel phthalocyanine thin film transistors 34954
Guillaume, C. *see* Sabot, A. 25017
Guillaume, G. *see* Maazouzi, C. 31746
Guillaume, P., Masmoudi, M. Computation of high order derivatives in optimal shape design 41197
Guillaumot, B. *see* Vinet, F. 2367
Guillemain, P., Kronland-Martinet, R. Horizontal and vertical ridges associated to continuous wavelet transforms 13309
Guillemet, J.P., de Mauduit, B., Pieraggi, B., Bielle-Daspet, D., Scheid, E. Crystallization of amorphous thin LPCVD Si films: 'in situ' TEM measurement of nucleation and grain growth rates 26496
Guillemin, F. *see* Boyer, J. 22442
Guillemin, F. *see* Mazumdar, R. 17994
Guillemin, P., Charreton, J.M., Maurice, B. Digital power factor correction with nonsinewave current 7853
Guillemois, P. *see* Folliot, C. 7941
Guillemot, C., Ansari, R. Layered coding schemes for video transmission on ATM networks 45214
Guillemot, C., Guirao, F., Perron, C., Schafer, R., Stierle, H. Flexible bit rate coding for satellite transmission of HDTV 31009
Guillemot, C. *see* Ansari, R. 13777
Guillemot, C. *see* Onno, P. 36828
Guillemot-Amadei, M.M. *see* Briot, R. 8468
Guillier, P. A new line of professional mobile terminals 45685
Guillois, F. *see* Corbel, C. 9842
Guillois, F. *see* Corbel, C. 18378
Guillon, P. *see* Billonnet, L. 10420
Guillon, P. *see* Comte, R. 42146
Guillon, P. *see* Courivaud, N. 27162
Guillon, P. *see* Krupka, J. 34225
Guillon, P. *see* Thetiot, D. 27290
Guillon, P. *see* Verdeyme, S. 27193
Guillot, D. *see* Roux, J.F. 33722
Guillot, E., Proust, N. Boron nitride PECVD. Application to InP MISFETs 34949
Guillot, G. *see* Georgakilas, A. 740
Guillot, G. *see* Hamida, A.B. 34518
Guillot, G. *see* Kalboussi, A. 18188
Guillot, G. *see* Pogany, D. 15019
Guillot, P., Couffignal, P., Baudrand, H., Theron, B. Improvement in calculation of some surface integrals: application to junction characterization in cavity filter design 1429
Guillot, P., Couffignal, P., Baudrand, H., Theron, B. Improvement in calculation of some surface integrals: application to junction characterization in cavity filter design 42174
Guillotel, P., Bourdon, F. A fixed data rate coding scheme for digital HDTV recording 30983
Guillotel, P., Tourtier, P., Bourdon, F. FLC and VLC coding for professional digital HDTV recording—application to D1-like recorders 46219
Guilloux, C., Therme, Y., Scarpa, P.G. Measurement of the post arc current of HV circuit breakers: application to short circuit tests with ITRV 25566
Guilmain, C. *see* Belvaux, A. 16427
Guimaraes, F.E.G. *see* Heuken, M. 33608
Guimaraes, L.G. Theory of Mie caustics 4065
Guimaraes, P.S.S. *see* Keay, B.J. 42529
Guimbal, P., Joly, S., Iracane, D., Frehaut, J., Balleyguier, P., Binet, A., Bleses, J.P., DiCrescenzo, J., Fontenay, V., Fourdin, P., Haouat, G., Marmouget, J.G., Pranal, Y., Sabary, F., Striby, S., Touati, D. First results in the saturation regime with the ELSA FEL 43975
Guimera, A. *see* Bertran, E. 40237
Guin, A.S. *see* Paul, K.M. 6181
Guindon, B. Aspects of digital elevation data requirements for operational geocoding of RADARSAT imagery 24469
Guinea, D. *see* Barrios, L.J. 14936
Guinet, J., Lambert, X., Bono, D. Study of the corrosivity of solder pastes 42311
Guinn, K.V., Donnelly, V.M. Chemical topography of anisotropic etching of polycrystalline Si masked with photoresist 34724
Guinn, K.V., Donnelly, V.M., Gross, M.E., Baiocchi, F.A., Petrov, I., Greene, J.E. Copper CVD reactions of Cu(I)(hfac)(vtms) adsorbed on TiN 41488
Guinn, K.V. *see* Herman, I.P. 42746
Guirao, F. *see* Guillemot, C. 31009
Guirong Guo *see* Guo Guirong
Guirong Shen *see* Shen Guirong
Guisheng Liao *see* Liao Guisheng
Guissard, A. *see* Sobieski, P. 22936
Guisser, L., Payrissat, R., Castan, S. 3D measurement and surface properties from a projected grid 6793
Guitart, J., Ruiz-Moreno, S. Strict calculation of the light statistics at the output of a travelling wave optical amplifier 3409
Guitart, J., Ruiz-Moreno, S. Cavity length dependence of erbium-doped fiber laser performances 3703
Guitton, M. *see* Crestel, J. 13110
Guitton, X. *see* Le Roux, P. 37994
Guivarc'h, A., Ballini, Y., Auvray, P., Caulet, J., Minier, M., Dupas, G., Ropars, G. Growth of $YbSb_2$/GaSb(001) and GaSb/$YbSb_2$/GaSb(001) heterostructures by molecular beam epitaxy 18201
Guivarc'h, A., Ballini, Y., Toudic, Y., Minier, M., Auvray, P., Guenais, B., Caulet, J., Le Merdy, B., Lambert, B., Regreny, A. ErSb/GaSb(001) and GaSb/ErSb/GaSb(001) heterostructures and [ErSb,GaSb] superlattices: molecular beam epitaxy growth and characterization 41274
Guivens, N.R., Jr. Adaptive ray casting (ARC) algorithm for simulation of machine vision systems 5044
Guixing Luan *see* Luan Guixing
Guiyan Zhang *see* Zhang Guiyan
Guiying Di *see* Di Guiying
Guiyun Kai *see* Kai Guiyun
Guizani, M. Picosecond multistage interconnection network architecture for optical computing 43583
Guizani, M. *see* Al-Ali, A.R. 46327
Guizani, M. *see* Al-Shehri, A. 32353
Guizhen Yan *see* Yan Guizhen
Guizhi Yao *see* Yao Guizhi
Gujan, H., Hauser, H. New Pelton runners for the Kublis hydroelectric power plant 32781
Guk, I. *see* Efimov, S. 15384
Gul, E. On the track similarity test in track splitting algorithm 44872
Gulachenski, E.M. *see* Emanuel, A.E. 47503
Gulachenski, E.M. *see* Pileggi, D.J. 25931
Gulak, P.G. *see* Feygin, G. 4390
Gulak, P.G. *see* Feygin, G. 12865
Gulakov, A.B. *see* Garbuzov, D.Z. 35827
Gulari, E. *see* Li, S.H. 687
Gulati, R. *see* Naik, A.A. 19511
Gulati, R.K., Mao, W., Goel, D.K. Detection of 'undetectable' faults using IDDQ testing 2664
Gulati, S.T. Reliability considerations for long optical fibers 3062
Gulati, S.T. *see* Ghosh, A. 27439
Gulbinaite, D. *see* Dapkus, L. 19597
Gulbinaite, D. *see* Pachebutas, V. 10725
Guldbakke, S. *see* Alberts, W.G. 39126
Gulden, K.H., Kneissl, M., Kiesel, P., Hofler, A., Malzer, S., Dohler, G.H., Wu, X., Smith, J.S. In situ structured MBE grown crystals for applications in opto-electronics 33639
Gulden, K.H. *see* Kiesel, P. 35492
Gulder, H., Stephan, A., Gloede, M. A new method of power rating for locomotive transformers 40611
Guldi, R.L. Effect of device processing conditions on extended dislocations and defects in Ti-salicided source/drain regions of silicon integrated circuits 19986
Guldmann, J.-M. Input-output analysis of regional telecommunication flows 22469
Guldner, Y., Berroir, J.M., Vieren, J.P., Voos, M., Sagnes, I., Badoz, P.A., Warren, P., Dutartre, D. Investigation of two-dimensional hole gases in Si/SiGe heterostructures 10726
Guldner, Y. *see* Meurer, B. 14957
Guler, E.C. *see* Engin, T. 24159
Guler, E.Cagatay *see* Cagatay Guler, E.
Guletsky, P.W., Sadlowski, J.A., Gaikwad, R.P. Advances in air quality control technologies for Clean Air Act compliance 32672
Gulgazov, V. *see* Major, J.S., Jr. 43952
Gulker, G., Hinsch, K.D., Holscher, C. Mapping of microstructural surface changes by phase-shifting electronic speckle pattern interferometry 3913
Gullane, G. *see* Mezzanatto, G. 39235
Gullapalli, K.K., Miller, D.R., Neikirk, D.P. Simulation of quantum transport in memory-switching double-barrier quantum-well diodes 34905
Gullberg, G.T., Zeng, G.L. An elliptical orbit backprojection filtering algorithm for SPECT 15742
Gullberg, G.T. *see* Weng, Y. 15741
Gullicksen, J. *see* Sherman, R.H. 37157
Gullikson, E.M. *see* Kortright, J.B. 27821
Gullikson, E.M. *see* Underwood, J.H. 28583
Gulliver, T.A., Bhargava, V.K. Twelve good rate $(m-r)/pm$ quasi-cyclic codes 36520
Gulloch, W., Politi, R., Nobili, M., Amati, M., Colombo, G. Development of a commercial, 38 GHz, communication 5734
Gulloch, W. *see* Morini, A. 1456
Gulotta, G. *see* Alberti, S. 3405
Gulotta, G. *see* Rullier, J.L. 43694
Gulski, E. Computer-aided measurement of partial discharges in HV equipment 38393
Gulski, E., Krivda, A. Neural networks as a tool for recognition of partial discharges 35111
Gulski, E. *see* Kreuger, F.H. 35109
Gulsrud, T.O. *see* Husoy, J.H. 22096
Gultekin, S., Al-Saleh, M.A., Al-Zakri, A.S. Effect of CO impurity in H_2 on the performance of Ni/PTFE diffusion electrodes in alkaline fuel cells 25669
Gulyaev, K.S. *see* Vasil'eva, A.N. 27397
Gulyashko, A.A. *see* Zagurskii, V.Ya. 6368
Gumenyuk, S. *see* Benvenuti, A. 7252
Gummadavelli, U. *see* Hari, K.V.S. 21819
Gummer, J.H., Barr, D.M., Sims, G.P. Evaluation criteria for upgrading hydro powerplant 16710
Gumming, R.G. *see* Deschenes, C.D. 8179
Gummow, R.J., Thackeray, M.M. Characterization of LT-$Li_xCo_{1-y}Ni_yO_2$ electrodes for rechargeable lithium cells 25635
Gun, L. An approximation method for capturing complex traffic behavior in high speed networks 37106
Gun, L. *see* Jean-Marie, A. 22334
Gun Woo Moon, Byeong Rim Jo, Hee Wook Ann, Myung Joong Youn Modeling and predictive current control technique for new zero-current switched high power factor rectifier 17087
Gun Woo Moon, Jae Won Ham, Jong Sun Ko, Myung Joong Youn Dynamic modeling and predictive current control technique for new parallel resonant zero-voltage switching AC to DC converter 8644
Gun Woo Moon *see* Hyun Chil Choi 9944
Gun Woo Moon *see* Jong Sun Ko 17449
Gunapala, S.D., Liu, J.K., Lin, T.L., Park, J.S. Very long wavelength intersubband infrared hot electron transistor 42878
Gunapala, S.D. *see* Lin, T.L. 31215
Gunapala, S.D. *see* Lin, T.L. 46458
Gunapala, S.D. *see* Park, J.S. 19736
Gunapala, S.D. *see* Park, J.S. 31214
Gunasekaran, M., Branco, P.R.A.S., Duguid, T.P., Govindan, T.P. World-wide technical & economic viability of polymer concrete high voltage insulators 39633
Gunasekaran, N. *see* Nayak, M.M. 23554
Gunasekaran, S. *see* Youxian Wen 24552
Gunay, M. *see* Nunes, M.S. 14288
Gundavajhala, A. *see* Kajfez, D. 15169
Gundel, H., Henke, H., Meineke, A., Riege, H., Schmidt, K., Handerek, J. Recent results of laser induced electron emission from a ferroelectric cathode in the CLIC DC test setup 38803
Gundel, H., Heydari, H., Suchland, D., Schmidt, K., Henke, H. Profile measurements on a pulsed ferroelectric electron beam 7081
Gundersen, J. *see* Page, L.A. 38196
Gundersen, M.A. *see* Hsu, T.-Y. 2381
Gundlach, K.-H. *see* Schuster, K.-F. 6171
Gundlach, K.H. *see* Karpov, A. 30939
Gundlach, K.H. *see* Rothermel, H. 14745
Gundorin, N.A. *see* Anan'ev, V.D. 47677
Gundorin, N.A. *see* Bogdzel, A.A. 46958
Gundrum, H.C. *see* Rizkalla, M.E. 9990
Gundrum, H.C. *see* Rizkalla, M.E. 15119
Gundry, L.K. Fitting into technical organizations: the socialization of newcomer engineers 17770
Gunduz, E. *see* Karapinar, R. 28536
Gunduzalp, M. Downloading all teletext pages to a computer 37386
Gunes, M. *see* Fortmann, C.M. 42433
Gunes, M. *see* Lu, Y. 9698
Gunes, M. *see* Wronski, C.R. 27490
Gunetti, M. Use of commercial video recorders through the RF link 14820
Gungerich, V., Zinkler, F., Anzill, W., Russer, P. Reduced phase noise of a varactor tunable oscillator: numerical calculations and experimental results 1583
Gunji, H. *see* Kondo, K. 30986
Gunn, J. Fuel channel installation tooling for retubing Bruce reactors 8113
Gunn, R.J. Fuel channel installation tooling for retubing Bruce reactors 16599
Gunning, J., Mahon, J., Farrell, B. Flexible low cost machine vision inspection systems: a design case study 40956
Gunning, K., Myers, J.E., Bailey, C.W., Jr. Networked electronic information systems at the University of Houston libraries: the IRIS project and beyond 22598
Gunningberg, P. *see* Bjorkman, M. 30378
Gunsch, G.H., Dyer, D.E., Gerken, M.J., Merkle, L.D., Whelan, M.A. Autonomous agents as air combat simulation adversaries 24576
Gunselmann, W. *see* Gretsch, R. 24621
Gunshor, R.L., Nurmikko, A.V., Otsuka, N. Blue II-VI laser diodes and light emitting diodes 12251
Gunshor, R.L. *see* Ding, J. 3322
Gunshor, R.L. *see* Fan, Y. 1848
Gunshor, R.L. *see* Fan, Y. 42425
Gunshor, R.L. *see* Grillo, D.C. 3647
Gunshor, R.L. *see* Grillo, D.C. 28811
Gunshor, R.L. *see* Hovinen, M. 12219
Gunshor, R.L. *see* Hua, G.C. 9537
Gunshor, R.L. *see* Jung Han 43911
Gunshor, R.L. *see* Nurmikko, A.V. 3640
Gunshor, R.L. *see* Salokatve, A. 12146
Gunshor, R.L. *see* Salokatve, A. 20767
Gunshor, R.L. *see* Xie, W. 9536
Gunter, O., Danyek, Gy. Computer aided design of optimized stranded conductors 7967
Gunter, P. *see* Cudney, R.S. 20073
Gunter, P. *see* Duelli, M. 4807

Gunter, P. *see* Kupfer, M. 12351
Gunter, W.D. *see* Bachu, S. 47708
Guntermann, M., Gorg, C., Frohlich, M., Kleier, S., Ratayczak, G., Sauermann, H., Hourman, P., Abramovici, M. Integration of advanced communication services in the Personal Services Communication Space—a realisation study 37751
Gunther, C., Hofmann, K.H. Towards universal mobile telecommunication 45473
Gunther, C.G. A rake receiver which adapts to fast fading 37704
Gunther, C.G. *(editor)* Mobile Communications. Advanced Systems and Components. 1994 International Zurich Seminar on Digital Communications Proceedings 40767
Gunther, G., Hartnell, B., Rall, D.F. Graphs whose vertex independence number is unaffected by single edge addition or deletion 522
Gunther, J., Hagg, H.P. Fully overflown Karlstor hydroelectric power station in Heidelberg 32770
Gunther, M.F. *see* Murphy, K.A. 6547
Gunther, O., Hess, G., Mutz, M., Rickert, W.-F., Ruwwe, T. RESEDA: a knowledge-based advisory system for remote sensing 32119
Gunther, P. *see* Xia Zhongfu 35103
Gunther, P. *see* Xia Zhongfu 43139
Gunther, T.A. *see* Progler, C.J. 27976
Guntherodt, H.-J. *see* Dammer, U. 28348
Guntherodt, H.-J. *see* Hug, H.J. 6743
Gunturi, S. *see* Dunn, C. 34079
Guo, B., Belcher, C., Roddis, W.M.K. RetroLite: an artificial intelligence tool for lighting energy-efficiency upgrade 17601
Guo, C.S. *see* Cai, L.Z. 36043
Guo, H. *see* Tate, J.P. 18972
Guo, H. *see* Wang, J. 11118
Guo, H.F. *see* Ni, H.L. 15679
Guo, H.Z. *see* Xiong, G.C. 33618
Guo, J. *see* Reilly, M. 27988
Guo, J.-E., Cao, Z., Zhu, Y.-H., Li, L., Ye, P.-D. 4-channel optical dense WDM transmission system with computer to stabilize frequency space of transmitter lasers 38045
Guo, J.Z.Y., Cerrina, F. Modeling X-ray proximity lithography 2300
Guo, J.Z.Y., Leonard, Q., Cerrina, F., Di Fabrizio, E., Luciani, L., Gentili, M., Frank, J. Experimental study of aerial images in X-ray lithography 27977
Guo, K.Q. *see* Davey, E.C. 39763
Guo, L. *see* Randall, T.D. 2995
Guo, N., Cao, W., Spinnler, W., Eberlein, E., Seitzer, D. A codec chip architecture for (24,12,8) Golay code with the permutation decoding 21640
Guo, N., Cawley, P. Lamb wave propagation in composite laminates and its relationship with acousto-ultrasonics 18331
Guo, R. *see* Love, C.E. 26259
Guo, R. *see* Sheen, J. 2690
Guo, S. *see* Chua, K.C. 30209
Guo, S.-L. *see* Lin, P.-P. 14766
Guo, S.J. *see* Yeh, M.Y. 42643
Guo, T.C. *see* Guo, W.W. 41117
Guo, W.M. *see* Wang, J.G. 15482
Guo, W.W., Guo, T.C. A matrix formulation of dielectric imaging, dosimetry and computation of vector electromagnetic fields 41117
Guo, W.Y., Chen, Y.K., Zeng, J.Y. Wideband 32×32 star coupler module with gain 5869
Guo, X. *see* Atherton, D.L. 26536
Guo, X.J. *see* Fang, M.T.C. 25596
Guo, X.Z. *see* Zhang, H.Z. 11948
Guo, Y., Lim, C.K., Chen, W.T., Woychik, C.G. Solder ball connect (SBC) assemblies under thermal loading. I. Deformation measurement via moire interferometry, and its interpretation 33391
Guo, Y., Olson, B.L. A procedure for evaluating SMD placement systems 34405
Guo, Y., Uberall, H. The resonance effect of a wire in response to transient waves 44283
Guo, Y. *see* Choi, H.-C. 33392
Guo, Y. *see* Husman, M.S. 34418
Guo, Y. *see* Ling, Y. 1688
Guo, Y. *see* Wu, T.Y. 34325
Guo, Y.C., Liu, H.K., Dou, S.X. Effect of silver additions on properties of $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10}$/Ag high-temperature superconducting tapes 35259
Guo, Y.J., Barton, S.K. A spectral domain method for analysing printed zone plate reflectors 12757
Guo, Y.J., Barton, S.K. On the subzone phase correction of Fresnel zone plate antennas 21418
Guo, Y.J., Barton, S.K. Fresnel zone plate reflector incorporating rings 21445
Guo, Z., Risseclada, T., Scandale, W. Dynamic behavior of the CERN Large Hadron Collider (LHC) 7021
Guo, Z. *see* Hwang, J.S. 33755
Guo, Z. *see* Hwang, J.S. 40919
Guo Changning *see* Qi Songxin 10477
Guo Chengming, Su Xiaohong, Wang Zhaohua The study of real-time image processing to use pipe-line working pattern of circulation based on special-purpose DSP 41922
Guo Dahao, Wu Hongxing, Wang Shengbo, Dai Yusheng Elimination of self-mode-locking in laser 12074
Guo Der-Feng *see* Der-Feng Guo
Guo Fengzhen *see* Yu Changtai 11011
Guo Guanghui *see* Chen Hongfang 15624
Guo Guangsheng, Wan Kaiyan, Zhang Jingchang, Wang Weijie, Gao Xiaoyun, Yang Fuming Synthesis of Fe/C/Si ultrafine particles by laser induced vapor-phase reaction method 18323
Guo Guey-Chi *see* Guey-Chi Guo
Guo Guirong *see* He Songhua 6098
Guo Guirong *see* He Songhua 14679
Guo Hong *see* Jiang Shan 47007
Guo Hong *see* Hong Guo
Guo Hongping *see* Hongping Guo
Guo Hongxi *see* Hongxi Guo
Guo Jiun-In *see* Jiun-In Guo
Guo Jyh-Chyurn *see* Jyh-Chyurn Guo
Guo Kaizhou *see* Li Xueqing 11848
Guo Long Local network real-time communication and interrupt mechanism 14189
Guo Lurong *see* Zhang Xiaochun 29037
Guo Miaoquan *see* Wang Weihang 28070
Guo Qing-Chen *see* Yu Jian-Hua 31188
Guo Ru *see* Ling Zhenfang 20973
Guo Ten-Huei *see* Ten-Huei Guo
Guo Ting *see* Qiu Peixia 3760
Guo Wann-Yih *see* Wann-Yih Guo
Guo Wei *see* Wei Guo
Guo Xiuzhen *see* Zhang Hanzhuang 35689
Guo Yan *see* Yan Guo
Guo Yongji *see* Yin Liming 25516
Guo Yongkang *see* Zhang Xiaochun 29037
Guo Youguong *see* Youguong Guo
Guo Zhaoqiao *see* Mao Yufang 7214
Guo Zhen *see* Zhen Guo
Guo Zhizhong, Yu Jilai, Liu Zhuo Pondering on dynamical meaning of transient energy function 16142
Guo Zhizhong *see* Pan Yi 47348
Guo Zhu Jian *see* Jian Guo Zhu
Guo Zhuanyun *see* Weng Xinguang 11658
Guo-Chun Li *see* Li Guo-Chun
Guo-Chun Liang, Withers, R.S., Cole, B.F., Newman, N. High-temperature superconductive devices on sapphire 34222
Guo-Chung Chi *see* Kuen-Sane Din 10905
Guo-Chung Chi *see* Kuen-Sane Din 10906
Guo-Guang Mu, Ying Sun, Yanxin Zhang, Xiangpeng Yang Optoelectronically implemented three-layer neural network with 100*100 input units for pattern recognition 29994
Guo-Hua Gong *see* Guang-Da Chen 1251
Guo-Lin Lu *see* Lu Guo-Lin
Guo-Lin Zhong *see* Zhong Guo-Lin
Guo-qiang Han *see* Han Guo-qiang
Guo-Qing Jiang *see* Jiang Guo-Qing
Guo-Qing Xu *see* Xu Guo-Qing
Guo-Qun Zhong *see* Chua, L.O. 26643
Guo-Wei Huang *see* Tz-Guei Jung 26448
Guo-Wei Jin *see* Jin Guo-Wei
Guo-Xiong Zhang *see* Zhang Guo-Xiong
Guo-Ying Wang *see* Wang Guo-Ying
Guo-Ying Yuan *see* Yuan Guo-Ying
Guo-Zhen Yang, Bi-Zhen Dong, Ben-Yuan Gu, Jie-Yao Zhuang, Ersoy, O.K. Gerchberg-Saxton and Yang-Gu algorithms for phase retrieval in a nonunitary transform system: a comparison 36922
Guo-Zhi Liu *see* Liu Guo-Zhi
Guo-Zhong Zhou, Ya-Ming Sun, Wan-Guo Zhu An expert system for switching operation planning in a dispatching center 32232
Guo-zhong Zhuang *see* Zhuang Guo-zhong
Guobing Zhang *see* Zhang Guobing
Guochang Cai *see* Cai Guochang
Guochen Cao A new method of solving fault problems with network changes in topology 7717
Guochen Cao *see* Cao Guochen
Guodong Zhang, Nappi, J., Asonen, H., Pessa, M. Tensile-strained GaAsP/GaInAsP/GaInP quantum well lasers 35880
Guofan Jin, Yinbai Yan, Wenlu Wang, Zhiqing Wen, Minxian Wu Optical Harr wavelet transform for image features extraction 22122
Guofan Jin *see* Jin Guofan
Guofong Chen *see* Chen Guofong
Guofu Lu *see* Shuheng Bian 43748
Guofu Niu *see* Niu Guofu
Guofu Wang *see* Wang Guofu
Guogang Zhao *see* Zhao Guogang
Guogen Hu *see* Hu Guogen
Guoguang Mu *see* Mu Guoguang
Guohao Zhang *see* Zhang Guohao
Guohe Sha *see* Sha Guohe
Guohui Li *see* Li Guohui
Guojun Lu Fractal image compression 4872
Guoliang Chen *see* Chen Guoliang
Guoliang Liu *see* Liu Guoliang
Guoliang Sun Improvement of algorithm about corner detection in object feature extraction 30027
Guoliang Sun *see* Long Que 2359
Guoliang Tong *see* Tong Guoliang
Guolong Liang *see* Liang Guolong
Guolong Xiao *see* Xiao Guolong
Guomao Yang *see* Yang Guomao
Guonason, E., Henje, J., Shepherd, P., Valenza, D. A 550 MW HVDC submarine cable link: Iceland-UK-continental Europe 16297
Guongsheng Sun *see* Sun Guongsheng
Guoqiang Li, Liren Liu Complex-valued matrix-vector multiplication using twos complement representation 28564
Guoqiang Zhang *see* Zhang Guoqiang
Guoqin Yu *see* Yu Guoqin
Guoqin Zhao *see* Yuehui Yu 27646
Guoqing Liu *see* Liu Guoqing
Guoqing Tang *see* Hongyuan Xu 7759
Guoqing Tang *see* Tang Guoqing
Guoqing Wu *see* Wu Guoqing
Guoqing Zhang *see* Yingxin Bai 11913
Guorong Shen *see* Shen Guorong
Guorong Xuan *see* Xuan Guorong
Guosheng Sun *see* Sun Guosheng
Guotong Du, Fanghai Zhao, Xiaobo Zhang, Dingsan Gao, Lin, J., Gamelin, J.K., Wu, B., Wang, S., Hong, M., Mannaerts, J.P. Low resistance and large current range CW single-mode top surface-emitting laser with small window 12247
Guotong Du *see* Du Guotong
Guowen Lu, Zheng Zhang, Francis, T.S.Yu., Tanone, A. Pendulum iterative algorithm for phase retrieval from modulus data 45142
Guowen Lu *see* Chii-Maw Uang 20292
Guowen Lu *see* Chii-Maw Uang 20486
Guowen Yang *see* Yang Guowen
Guowu Zheng *see* Zheng Guowu
Guoxiang Zheng *see* Zheng Guoxiang
Guoxin Wu *see* Guangun Gu 5495
Guoyang Wu *see* Wu Guoyang
Guoyi Qin *see* Qin Guoyi
Guoyi Qiu *see* Qiu Guoyi
Guoyi Wang *see* Wang Guoyi
Guoying Wu *see* Wu Guoying
Guoyu Yang, Xiaoyun Shen, Hongbo Sun, Chang Li A flicker-free field-sequential stereoscopic TV system compatible with current PAL system 38245
Guozhao Liang *see* Liang Guozhao
Guozhen, Z. *see* He, H. 15035
Guozhen Yang *see* Zhenghao Chen 38508
Guozhen Zheng *see* Zheng Guozhen
Guozheng Xu *see* Xu Guozheng
Guozhi Wang *see* Wang Guozhi
Gupal, V.I., Zhuk, S.Ya., Mamonov, Yu.A. Combined filtering and recognition of the type of segment of excitation of noisy speech signals 21698
Guppy, J.G., Fitzpatrick, R.G., Spencer, B.W., Reisman, A.W. Risk reduction projects in Russia, Ukraine, and Eastern Europe 32600
Gupta, A., Shirakata, S., Isomura, S. Studies on CuIn precursor for the preparation of $CuInSe_2$ thin films by the selenization technique 33685
Gupta, A. *see* Ali, F. 34264
Gupta, A. *see* Dixit, P.C. 16504
Gupta, A. *see* Jain, V.K. 3365
Gupta, A. *see* Nagendraprasad, M.V. 13539
Gupta, A. *see* Rothberg, E. 26362
Gupta, A. *see* Salib, M. 1639
Gupta, A. *see* Soule, L. 26628
Gupta, A.Das *see* Das Gupta, A.
Gupta, A.K., Barbosa, L.O., Georganas, N.D. Switching modules for ATM switching systems and their interconnection networks 22736
Gupta, A.K., Singh, L.P., Dubey, G.K. Design, fabrication and testing of a new dynamic test bench 39659
Gupta, A.K. *see* Khare, S. 35266
Gupta, B.D., Sharma, A., Singh, C.D. Evanescent wave absorption sensors based on uniform and tapered fibres. A comparative study of their sensitivities 23684
Gupta, C.N., Evans, J.B., Minden, G.J. Reconfigurable ATM transmitter/receiver implementation 14633
Gupta, D., Donaldson, W.R., Kadin, A.M. Fast optically triggered superconducting opening switches 28407
Gupta, D., Varma, S.P. Standard of specular reflectance at glancing incidence for the infrared region 20954
Gupta, D. *see* Kadakia, S.D. 9298
Gupta, D.P.Sen *see* Sen Gupta, D.P.
Gupta, H.O. *see* Bhanot, V. 39483
Gupta, H.O. *see* Laway, N.A. 32458
Gupta, H.O. *see* Laway, N.A. 39650
Gupta, H.U. *see* Desai, B.T. 8485
Gupta, I.J. High-resolution radar imaging using 2-D linear prediction 46063
Gupta, I.Sen *see* Sen Gupta, I.
Gupta, J.K., Singh, L., Tyagi, T.R. Study of scintillations observed at Delhi during high solar activity period 4117
Gupta, K. *see* Rajagopalan, S. 34789
Gupta, K.C. *see* Benalla, A. 21409
Gupta, K.C. *see* Hoorfar, A. 4278
Gupta, K.C. *see* Sabban, A. 27121
Gupta, K.C. *see* Tsai, C.M. 9922
Gupta, K.K., Xiao Ming Zhu Extracting B-Rep models of visible surfaces from a range image: a hybrid approach 13701
Gupta, L., Jiesheng Wang, Charless, A., Kisatsky, P. Three-layer perceptron based classifiers for the partial shape classification problem 45093
Gupta, M., Zivkov, B. A structured verification approach for MIPS microprocessors: a case study of the R4200 41912
Gupta, M. *see* Dib, N. 1625
Gupta, M. *see* Dib, N.I. 21349
Gupta, M. *see* Zivkov, B. 41911

Gupta, M. *see* Zukowski, D. 37549
Gupta, M.C. *see* Strusser, T.A. 11637
Gupta, M.C. *see* Strusser, T.A. 35441
Gupta, M.K. *see* Srivastav, S.K. 39372
Gupta, M.M., Hockley, D. VLSI design of a dynamic neural processor for vision applications 1369
Gupta, M.M., Knopf, G.K. Machine perception of edges using cognitive mapping 29822
Gupta, M.M. *see* Rao, D.H. 29415
Gupta, N., Hector, S.D., Rhee, K.W., Smith, H.I. Fabrication of 100 nm T-gates for monolithic microwave integrated circuits using X-ray lithography 27314
Gupta, N., Pham, J. GaAs waveguide-based optical neural network device architecture 3258
Gupta, N., Sharma, E.K., Singh, M.P. Coupling characteristics of a polarization splitting directional coupler 21363
Gupta, N. *see* Blue, T.E. 31867
Gupta, N. *see* Hector, S.D. 28024
Gupta, N.K. *see* Buchanan, W.J. 3953
Gupta, P., Chaudhuri, S., Pal, A.K. Photoconductivity in CdS_xSe_{1-x} films 3315
Gupta, P. *see* Ravindran, K. 45573
Gupta, P.Balaji *see* Balaji Gupta, P.
Gupta, P.B Dutta *see* Dutta Gupta, P.B.
Gupta, R., Chaudhary, A. Analysis of reliability bounds for series, parallel and k-out-of-n system configuration 9355
Gupta, R., Goel, R. The truncated normal life time model 41014
Gupta, R. *see* Billinton, R. 7708
Gupta, R. *see* Bindal, V.N. 32136
Gupta, R. *see* Goel, L.R. 26253
Gupta, R. *see* Narayanan, S. 26768
Gupta, R.K. *see* Kumar, L. 30908
Gupta, R.K. *see* Upshur, J.I. 19105
Gupta, R.P., Khokle, W.S. Synthesis and characterisation of high T_c bulk superconductors, films and devices 28402
Gupta, R.P. *see* Bhatnagar, P.S. 42152
Gupta, R.P. *see* Rao, T.M. 47813
Gupta, R.S. *see* Haldar, S. 28128
Gupta, S., El Zarki, M. Traffic classification and scheduling in ATM networks 22316
Gupta, S., Gersho, A. On fractional pixel motion estimation 29956
Gupta, S., Gersho, A. Variable rate multistage vector quantization of multispectral imagery with greedy bit allocation 30076
Gupta, S., Mourou, G., Smith, F.W., Calawa, A.R. Ultrafast properties and applications of GaAs and InP based materials grown by MBE at low temperatures 1854
Gupta, S., Sethi, S., Bhattacharya, P.K., Williamson, S. Er doped GaAs for high speed photoconductor applications 11853
Gupta, S., Whitaker, J.F., Williamson, S.L., Mourou, G.A., Lester, L., Hwang, K.C., Ho, P., Mazurowski, J., Ballingall, J.M. High-speed photodetector applications of GaAs and $In_xGa_{1-x}As/GaAs$ grown by low-temperature molecular beam epitaxy 38488
Gupta, S. *see* Ballingall, J.M. 33604
Gupta, S. *see* Claveric, A. 749
Gupta, S. *see* Jhunjhunwala, A. 14638
Gupta, S.C., Agarwal, A., Singh, K.N. Fibre optic highway based distributed control system 14639
Gupta, S.C., Agrawal, N.K., Kumar, M.V.C. Broad band thin sheet absorbers for S-; C-; X- and Ku bands 6115
Gupta, S.C. *see* Filis, K.G. 37713
Gupta, S.C. *see* Krishnamurthi, R. 36563
Gupta, S.D. *see* Gross, O.J. 17336
Gupta, S Das *see* Das Gupta, S
Gupta, S.K., Pradhan, D.K. Can concurrent checkers help BIST? 6314
Gupta, S.K., Schroeter, J. Pitch-synchronous frame-by-frame and segment-based articulatory analysis by synthesis 12982
Gupta, S.K. *see* Bose, S.K. 13738
Gupta, S.Kumar *see* Kumar Gupta, S.
Gupta, S.S. *see* Kumar, L. 30908
Gupta, T.K. *see* Jean, J.-H. 9800
Gupta, T.K. *see* Lu, G.-Q. 416
Gupta, V. TISPICE3 and MOS modeling 41591
Gupta, V., Newell, J., Storaasli, O., Baddourah, M., Bostic, S. Space station static and dynamic analyses using parallel methods 41216
Gupta, V., Ravindranath, B. Shaft voltage and current measurement in turbogenerators 47829
Gupta, V. *see* Chakrabarti, P. 35573
Gupta, V. *see* Choo, A.G. 2075
Gupta, V.N., Brayden, W.H. PowerChoice: a unique distributed control approach to load management for commercial customers 7767
Guptill, M.T. *see* Watson, D.M. 15025
Gur, S. *see* Verbeke, M. 47088
Gur, T.M. *see* Nisancioglu, K. 17274
Gura, K.N. *see* Vuntesmeri, V.S. 43289
Gurantz, L. *see* Harris, L. 27071
Gurary, A.I., Tompa, G.S., Stall, R.A., Liang, S., Lu, Y., Kuo, H.C. Uniformity control in elemental vapor transport epitaxy 9540
Gurbaxani, S.H., Martinez, V.E., Nabavi, S.-H. On the solution of periodic cylindrical structures with mixed boundary conditions 36281
Gurdev, L.L., Dreischuh, T.N., Stoyanov, D.V. Deconvolution techniques for improving the resolution of long-pulse lidars 14711
Gureev, V.A., Redkovskii, N.N. Method for solution of equation systems for determination of electrical-network operating conditions 33817
Gurevich, I.N., Nikitin, Yu.A. Synthesis of a frequency network with a arbitrary step 9999
Gurevich, I.A. *see* Papadopoulos, K. 4111
Gurevich, S.B. *see* Akaev, A.A. 2946
Gurevich, S.Y. The theory of electromagnetic generation of acoustic waves in a ferromagnetic medium at a high temperature 41506
Gurevich, S.Yu., Gal'tsev, Yu.G. Experimental characteristics of directivity of electromagnetoacoustic transducers for high-temperature ultrasonic testing of metals 9859
Gurin, V.S. *see* Yumashev, K.V. 21004
Gurin, V.V. Spread of short-circuit losses of power transformers 25486
Gurin, V.V. Statistical modeling of daily temperature fluctuations of power transformers 40290
Gurinder Inderbir *see* Mehra, R.M. 42434
Gurjanov, A.N. *see* Abramov, A.A. 11609
Gurlaskie, G.T. *see* Burrows, B.P. 47496
Gurm, H.S. *see* Darshan Singh 36205
Gurnett, C.J. *see* Tse, P.K. 33450
Gurney, J.H. *see* Bollinger, K.E. 32771
Gurney, K. *see* Bolouri, H. 42103
Gurney, K. *see* Hui, T. 1374
Gurov, Yu.B. *see* Amelin, A.I. 7287
Gurr, H.S. *see* Riley, S.P. 7217
Gursky, R.J. *see* Dabbaghchi, I. 25603
Gurton, P. *see* Gibbon, M. 35489
Gurtovoi, V.I., Ermolaev, A.B., Chernykh, A.V., Goncharov, V.A. Weak-link investigation of a YBaCuO thin film DC SQUID by SEM 28404
Guru Prasad, G. *see* Saxena, A.K. 42545
Guruge, A. The blue-brick road to ATM 14191
Guruge, A. True blue: IBM host-attached, multiprotocol bridge/routers 45608
Gurunlu, C. Dynamic behaviour of 3-phase cage induction motor fed from single-phase supply (delta connection) 40198
Gururaja, J. *see* Dutt, R.B. 25111
Gururaja, J. *see* Dutt, R.B. 25111
Gurvitch, M., Tolpygo, S., Nadgorny, B., Shokhor, S., Lin, J.-Y., Tafuri, F., Macaulay, J., Bourdillon, A., Hou, S., Phillips, J.M. In-plane high temperature superconducting devices: concept and realization 35270
Guryanov, A.N. *see* Anoykin, E.V. 28474
Guryanov, A.N. *see* Belov, A.V. 35353
Guryanov, A.N. *see* Belov, A.V. 38006
Gurzhiev, A.N. *see* Buzulutskov, A.F. 31767
Gurzhiev, A.N. *see* Buzulutskov, F. 24056
Gurzhiev, S.N. *see* Belikov, S.V. 7199
Gurzhiev, S.N. *see* Belikov, S.V. 7200
Gusakov, Yu.V. *see* Aksinenko, V.D. 7265
Gusakova, V.I. *see* Rybak, I.A. 38946
Gusella, R. *see* Moron, M. 13969
Gusev, A.P., Poyarkov, P.N. The magnetic field of a surface defect in magnetization of a ferromagnetic material by a nonuniform field of magnets 9862
Gusev, A.V., Tsyganov, A.V. Z parameters of a piezoelectric transducer for solid-state gravitational antennas 2737
Gusev, A.V. *see* Golovko, Ya.D. 11471
Gusev, B.A. *see* Elimov, A.A. 8069
Gusev, E.P. *see* Borman, V.D. 42725
Gusev, G.M. *see* Lubyshev, D.I. 730
Gusev, G.S., Kalmin, A.L., Lebed, B.M., Rozenbaum, L.B. Oscillator stabilized by a high-temperature superconducting resonator 42202
Gusev, M., Evans, D.J. New linear systolic arrays for the string comparison algorithm 1202
Gusev, M. *see* Evans, D.J. 27065
Gusev, O.A. *see* Martorossian, G.A. 15553
Gusev, O.B. *see* Bresler, M.S. 34587
Gusev, V.D., Golynskiy, S.M. The criterion for a normal distribution of the scattered field in the radiation reception zone 12606
Gusev, V.D. *see* Aliyeva, T.I. 21192
Gusev, V.D. *see* Vologdin, A.G. 12603
Gusev, V.G. Spatial filtering lateral-shear holographic interferograms. Part 2 21124
Gusev, V.G. Estimate of the jamming immunity of a wideband system for spatial frequency processing of information, implemented on the basis of a fast Fourier transformation algorithm 44817
Gushaw, B. *see* Cagan, M. 11003
Gushchin, I.A. *see* Avrutskii, V.A. 9807
Gushchin, I.A. *see* Avrutskii, V.A. 16458
Gushchinskaya, E.V. *see* Andrievskii, V.F. 28672
Gushiken, M. *see* Senjyu, T. 25269
Gushiken, M. *see* Senjyu, T. 25696
Gusmano, G., Montesperelli, G., Nunziante, P., Traversa, E., Montenero, A., Braghini, M., Mattogno, G., Bearzotti, A. Humidity-sensitive properties of titania films prepared using the sol-gel process 18239
Gusmeroli, V. High-performance serial array of coherence multiplexed interferometric fiber-optic sensors 46465
Gusmeroli, V., Martinelli, C., Martinelli, M. Polarimetric nonincremental fiber-optic strain-gauge 38528
Gusovskii, D.D. *see* Belov, A.V. 38002
Gusovskiy, D.D. *see* Anoykin, E.V. 28474
Gusovskiy, D.D. *see* Belov, A.V. 3019
Gust, D., Moore, T.A., Moore, A.L. Photosynthesis mimics as molecular electronic devices 42334
Gustafson, E.K. *see* Farinas, A.D. 28768
Gustafson, E.K. *see* Sampas, N.M. 3719
Gustafson, E.K. *see* Shine, R.J., Jr. 20714
Gustafson, H.R. *see* Fanourakis, G.K. 24011
Gustafson, M.W., Baylor, J.S., Epstein, G. Estimating air conditioning load control effectiveness using an engineering model 25945
Gustafson, T.K. *see* Ross, J. 759
Gustafsson, A., Gedde, U.W. Electrical degradation of styrene polymers 2722
Gustafsson, A., Gedde, U.W. Electrical degradation of polyethylene/polystyrene blends 11380
Gustafsson, A. *see* Bauser, E. 18213
Gustafsson, A. *see* Samuelson, L. 10956
Gustafsson, F., Wahlberg, B. On simultaneous system and input sequence estimation 4672
Gustafsson, J., Kotilainen, P., Hanninen, V., Liukkonen, E., Kaski, K. K130 beam current measurement system 46790
Gustafsson, J., Kotilainen, P., Nieminen, V., Liukkonen, E., Kaski, K. Beam phase measurement system for the K130 cyclotron in Jyvaskyla 6980
Gustafsson, J. *see* Berruto, E. 45360
Gustafsson, J. *see* Rylander, L. 32583
Gustafsson, J.C., Inganas, O., Andersson, A.M. Conductive polyheterocycles as electrode materials in solid state electrochromic devices 20395
Gustafsson, M.G., Stepinski, T. Split spectrum algorithms rely on instantaneous phase information—a geometrical approach [US NDE] 18376
Gustafsson, O. Status of the PFBC technology 39969
Gustat, H. *see* Grass, E. 32905
Gustavsson, L. District heating systems and energy conservation—Part I 32659
Gustavsson, L. District heating systems and energy conservation—Part II 32660
Gustavsson, L., Johansson, B. Cogeneration: one way to use biomass efficiently 47789
Gustavsson, M. *see* Hill, G.R. 6051
Gustavsson, R. *see* Bergqvist, H. 25001
Gustus, J. *see* Emo, S.M. 39284
Gutberlet, H. Power plant chemistry in flue gas cleaning plants 47705
Gutenev, A., Mozhaev, G.V. On the orbital structure of elliptic satellite constellations providing minimum revisit time 47153
Guterman, H. *see* Baum, D. 29104
Gutfleisch, F., Schutte, T., Windmar, D., Lampe, W. Breakdown along a conducting drop chain 16406
Gutfraind, R. *see* Sapoval, B. 25628
Guth, G.D. *see* Catchmark, J.M. 12218
Guth, G.D. *see* Chirovsky, L.M.F. 20491
Guth, G.D. *see* Freund, J.M. 3863
Guth, G.D. *see* Kojima, K. 3579
Guth, G.D. *see* Morgan, R.A. 20829
Guth, G.D. *see* Pan, Z.G. 12137
Guth, G.D. *see* Swaminathan, V. 3864
Guth, U. *see* Shuk, P. 6644
Guthals, D.M. *see* Ma, S.S. 29011
Guthery, S.B. EchoNets, E-memes, and extended realities 45516
Guthmann, C., Balibar, S., Chevalier, E., Rolley, E., Sutra-Fourcade, J.C. Accurate rotation and displacement in the millikelvin range: a new positioner design 32888
Guthner, P. *see* Binggeli, M. 6537
Guthrie, S.J. *see* Buzak, T.S. 23812
Guthrie, W. *see* Garbe, G. 7691
Gutierrez, F.J., Ares, L., Robla, J.I., Getino, J.M., Horillo, M.C., Sayago, I., de Agapito, J.A. Hall coefficient measurements for SnO_2 doped sensors, as a function of temperature and atmosphere 6661
Gutierrez, F.J., Ares, L., Robla, J.I., Horrillo, M.C., Sayago, I., Getino, J.M., de Agapito, J.A. NO_x tin dioxide sensors activities, as a function of doped materials and temperature 6636
Gutierrez, G. *see* Alvarez, A.L. 42627
Gutierrez, J., Montano, J.C., Lopez, A., Castilla, M. Effects of harmonic distortion of the supply voltage on the optimum performance of a thyristor controlled reactor-type compensator 32196
Gutierrez, J. *see* Dutronc, P. 6641
Gutierrez, J. *see* Montano, J.-C. 6721
Gutierrez, M. *see* Degeneff, R.C. 40277
Gutierrez, M.T. *see* Carabe, J. 9707
Gutierrez, P. *see* Wood, M. 46891
Gutierrez, R., O'Neil, T.J. Human-system interfaces for the ABWR control room 32555
Gutierrez, R., Olson, H.M., Decker, D.R. Thick-film package holds microwave ICs 10493
Gutierrez, S., Komm, R., Tulkoff, C., Rupp, G. Making a transition from solvents to water to no-clean: a roadmap for success 34427
Gutierrez, T.Rivero *see* Rivero Gutierrez, T.
Gutierrez-Aitken, A.L., Bhattcharya, P., Chen, Y.C., Pavlidis, D., Brock, T. High-performance monolithic pin-MODFET transimpedance photoreceiver 20568
Gutknecht, D. *see* Thomas, H.G. 7155
Gutknecht, M.H. Variants of BiCGStab for matrices with complex spectrum 580

Gutman, A. *see* Garliauskas, A. 7454
Gutman, A. *see* Garliauskas, A. 7455
Gutman, E.E., Ryabtsev, S.V., Kazachkov, E.A., Gerasimov, M.V. The determining effect of ultralow metal addition on the response of semiconductor gas sensors 6633
Gutman, G., Keem, J., Wood, J., Tarrio, C., Watts, R. Influence of electrical isolation on the structure and reflectivity of multilayer coatings deposited on dielectric substrates [for lithography] 28582
Gutmann, P.G. *see* Vollmer, E. 6279
Gutmann, R.J. *see* Atwood, E.R. 3310
Gutmann, R.J. *see* Garrison, D.P. 1022
Gutmann, R.J. *see* Murarka, S.P. 10996
Gutmann, R.J. *see* Murarka, S.P. 19641
Gutowski, W. *see* Angert, N. 6905
Gutowski, W. *see* Hutter, G. 9976
Gutsche, M. *see* Jochum, J. 7297
Gutsche, M. *see* Jochum, J. 20199
Gutsche, M. *see* Jochum, J. 31724
Gutsche, M. *see* Kemmather, B. 20201
Gutsche, M. *see* Kraus, H. 20189
Gutsche, M. *see* Kraus, H. 24133
Gutsche, R. *see* Laloni, C. 14898
Gutt, G. *see* Won-Kyu Rhim 4011
Gutt, H.-J. Trends and examples of intelligent actuators and functional integrated sensors 25869
Guttag, J.V. *see* Saxe, J.B. 26578
Guttag, J.V. *see* Saxe, J.B. 33825
Guttag, K. *see* Hatamian, M. 27005
Guttenberger, M., Mierzwiak, K.H., Sturm, W. Microstrip array antenna for an automatic road pricing system 29360
Guttich, U., Dieudonne, J.-M., Schmidt, L.-P. A monolithic dielectrically stabilized voltage controlled oscillator for the millimeter wave range 1623
Guttich, U., Wenger, J. Low phase noise PM-HFET oscillators with dielectric stabilization for Ka- and W-band frequencies 27264
Guttler, B. *see* Verhey, J. 42721
Guttormsen, M. *see* Avdeichikov, V.V. 7239
Guy, C.N., Walker, S., Alarcon, G., Binnie, C.D., Chesterman, P., Fenwick, P., Smith, S. MEG and EEG in epilepsy: is there a difference? 31946
Guy, F.W. *see* Johnson, K.F. 23986
Guy, M.J., Taylor, J.R. Simultaneous dual polarisation operation of a diode pumped femtosecond fibre laser 12067
Guy, M.J. *see* Noske, D.U. 3562
Guy, P., Woodbridge, K., Mopkinson, M. High reflectivity and low resistance 1.55μm $Al_{0.65}In_{0.35}As/Ga_{0.63}In_{0.37}As$ strained quarter wave Bragg reflector stack 11664
Guy, R.W. A comprehensive expression for P-P measurements in planar standing waves 46697
Guy, R.W. *see* Abdou, A. 15255
Guyader, A.Le *see* Le Guyader, A.
Guyer, D.R. *see* Bosenberg, W.R. 3849
Guymer, T.H., Zecchetto, S. Applications of scatterometer winds in coastal areas 7606
Guymon, G.L. *see* Hromadka, T.V. 33548
Guynes, J.L. *see* Lai, V.S. 30529
Guyomard, D., Tarascon, M. Rechargeable $Li_{1+x}Mn_2O_4$/carbon cells with a new electrolyte composition. Potentiostatic studies and application to practical cells 8741
Guyon, Y. *see* Guidini, R. 2562
Guyonnet, J.L., Arnold, R., Jobez, J.P., Seguinot, J., Ypsilantis, T., Chesi, E., Racz, A., Egger, J., Gabathuler, K., Joram, C., Adachi, I., Enomoto, R., Sumiyoshi, T. Operation of a Fast-RICH prototype with VLSI readout electronics 46904
Guyonnet, J.L. *see* French, M. 46990
Guyot, A. *see* Moussa, I. 34016
Guyot, A. *see* Skaf, A. 34017
Guyot, A. *see* Vacher, A. 41959
Guyot, F. *see* Alexandre, F. 3275
Guyot, Y. *see* Manaa, H. 3550
Guyu Hu *see* Hu Guyu
Guzelis, C. Chaotic cellular neural networks made of Chua's circuits 1345
Guzeyev, E.V. *see* Golovin, O.V. 22767
Guziel, K.A. *see* Fernau, M.E. 32671
Guziewicz, M. *see* Kaminska, E. 10976
Guziewicz, M. *see* Piotrowska, A. 27779
Guzinski, A., Kulej, T. Novel current mirror realization for CCII applications 1085
Guzman, L. *see* Laidani, N. 10810
Guzman, M.S.De *see* De Guzman, M.S.
Guzov, E.S. *see* Sinchuk, O.N. 33106
Guzov, E.S. *see* Sinchuk, O.N. 40521
Guzov, E.S. *see* Sinchuk, O.N. 40688
Guzun, B., Isbasoiu, E. Powerful synchronous motors driving one pumping storage system 40054
Guzun, B.Dan *see* Dan Guzun, B.
Guzzetti, S. *see* Signorini, M.G. 39073
Guzzi, D. *see* Brenci, M. 23665
Guzzi, D. *see* Brenci, M. 46486
Guzzo, G.C. *see* Moinpour, M. 853
Gvozdev, A.A. *see* Gromova, T.I. 27524
Gvozdev, A.V. *see* Akimov, N.K. 16689
Gvozdev, V.I., Girich, S.V., Ponomarev, I.N., Sheletina, V.A. A ribbed-dielectric transmission line 10390
Gvozdic, D.M., Radunovic, J.B., Elazar, J.M. An analytical expression for the electric field in MSM structures 1971
Gvozdover, R.S. *see* Petrov, V.I. 34589
Gwal, A.K. *see* Kumar, S. 36201
Gwarek, W. *see* Celuch-Marcysiak, M. 4210
Gwarek, W.K. *see* Celuch-Marcysiak, M. 4218
Gwarek, W.K. *see* Celuch-Marcysiak, M. 29221
Gwee, B.H. *see* Lim, M.H. 17788
Gwi-Nam Bae *see* Liu, B.Y.H. 1993
Gwi-Tae Park, Jung-Keyng Choi, Sang-Lak Lee Design of a variable structure controller for drum motor in home VCR 8435
Gwilliam, R.M. *see* Hunt, T.D. 10881
Gwiy-Sang Chung Thin SOI structures for sensing and integrated circuit applications 23517
Gwo Huang Jenn *see* Jenn Gwo Huang
Gwo-Chung Tai, Darling, J.P., Mayergoyz, I.D. Fixed-point iteration techniques for the simulation of semiconductor devices on massively parallel SIMD computers 19882
Gwo-Chung Tai, Korman, C.E., Mayergoyz, I.D. Simulation of the transient characteristics of partially-and fully-depleted SOI MOSFETs 42981
Gwo-Chung Tai *see* Lin, Q. 28060
Gwo-Yuh Shiau *see* Hao-Tien Lee, D. 2366
Gyarmathy, S. *see* Weiner, G. 14248
Gyeong Man Choi *see* Seok Taek Jun 31334
Gyergyek, L. *see* Filo, M. 47104
Gyimesi, F. *see* Fuzessy, Z. 12443
Gyimesi, M., Lavers, D., Pawlak, T., Ostergaard, D. Biot-Savart integration for bars and arcs 44209
Gyles, B. *see* Dehnel, M. 7395
Gyoodong Jeun *see* Chanyoung Chung 47657
Gyorfi, L., Pali, I., van der Meulen, E.C. A general sufficient condition for universal source coding for infinite alphabets 12878
Gyorfi, L., Pali, I., Van der Meulen, E.C. There is no universal source code for an infinite source alphabet 44721
Gyorfi, L., Vajda, I. Constructions of protocol sequences for multiple access collision channel without feedback 37109
Gyorki, J.R. Silicon sensors hit the road 8955
Gyorki, J.R. Putting a lid on factory noise 46695
Gyr, M., Vossenberg, F.B. Half-integer fast resonant extraction with quasi rectangular spill 15402
Gys, T. *see* D'Ambrosio, C. 27441
Gyu Chang Lee, Young Chul Park, Tsuyoshi Mihara, Kazuhiro Date Non-destructive evaluation of metal matrix composite by ultrasonic measurement 26534
Gyu Kim Jong *see* Jong Gyu Kim
Gyu Lee Jang *see* Jang Gyu Lee
Gyugyi, L. *see* Hingorani, N.G. 47433
Gyugyi, P.J., Cho, Y.M., Franklin, G., Kailath, T., Roy, R.H. Model-based control of rapid thermal processing systems 19485
Gyuk, I. Bio-electromagnetic computation in the low frequency range: an introduction 47132
Gyulai, J. *see* Lohner, T. 2060
Gyulai, J. *see* Wiget, R. 2168
Gyurcsik, R.S. *see* Riley, T.J. 1999
Gyurcsik, R.S. *see* Sorrell, F.Y. 10793
Gyuro, A.I. *see* Ils, P. 10707
Gyuro, I. *see* Ils, P. 27548
Gyuro, I. *see* Kaiser, D. 28671
Gyuro, I. *see* Kuebart, W. 35624
Gyuro, I. *see* Oshinowo, J. 10809
Gyuseong Cho, Drewery, J.S., Hong, W.S., Jing, T., Lee, H., Kaplan, S.N., Mireshghi, A., Perez-Mendez, V., Wildermuth, D. Utilization of a-Si:H switching diodes for signal readout from a-Si:H pixel detectors 31791

Ha, A. *see* Kirby, S. 23410
Ha, B., Li, Y. Reflective optical ring-array interconnects: an optical system design study 3250
Ha, D.H. *see* Chexai, V.K. 25186
Ha, N.T. *see* Chu, S.N.G. 18288
Ha, T.T. *see* Borchardt, R.L. 22358
Ha Deock Ho *see* Deock Ho Ha
Ha Huen Tae *see* Huen Tae Ha
Ha Hyoung Chan *see* Hyoung Chan Ha
Ha In-Joong *see* In-Joong Ha
Ha Jae-Hee *see* Jae-Hee Ha
Ha Jin Young *see* Jin Young Ha
Ha Lee Kyung *see* Kyung Ha Lee
Ha Yeong-Ho *see* Yeong-Ho Ha
Ha Yong-Min *see* Yong-Min Ha
Haack, A. *see* Felgenhauer, R. 6520
Haack, G. *see* Cashman, J.D. 30886
Haack, U. *see* Bauch, L. 2356
Haag, B. *see* Sagar, V.K. 18402
Haag, D. Independent production of electricity 24830
Haag, D. *see* Careme, F. 32255
Haag, H.G. *see* Coraiola, A. 5702
Haag, J.B., Watkins, D.S. QR-like algorithms for the nonsymmetric eigenvalue problem 597
Haag, M., Allenspach, R. A novel approach to domain imaging in natural Fe/Ti oxides by spin-polarized scanning electron microscopy 32067
Haag, S. Training in the workforce: the role of interactive video 46248
Haagemann, S. *see* Netz, J. 7445
Haagen, J., Nielsen, H., Hansen, S.D. 2.4 kbps speech coding: a new strategy for coding voiced residuals 13150
Haake, G., Wuestency, J. Software engineering that never stands still 37417
Haake, J.M., Fairles, R.T. Development of a fiber optic interferometer demodulation/multiplexing system using an active 1×10 photonic polarization preserving fiber coupler 23666
Haakenaasen, R. *see* Ramesh, R. 35136
Haan, G.de *see* de Haan, G.
Haanaes, H.R. *see* Midamba, E.D. 15910
Haanaes, H.R. *see* Midamba, E.D. 47116
Haar, T.H.Vonder *see* Vonder Haar, T.H.
Haar Romeny, B.M.Ter *see* Ter Haar Romeny, B.M
Haaren, J.A.M.M.van *see* van Haaren, J.A.M.M.
Haarer, D. *see* Ao, R. 20259
Haarer, D. *see* Suzuki, H. 28659
Haarer, D. *see* Suzuki, H. 28993
Haarpaintner, C. Development paths in cable laying technique and in deep cable laying 16326
Haarpaintner, G. *see* Barnham, K. 25692
Haartsen, J.C. A differential-delay SAW correlator for combined DSSS despreading and DPSK demodulation 14398
Haas, A.P.de *see* de Haas, A.P.
Haas, D., Vandergheynst, A., Van Vliet, J., Lorenzelli, R., Nigon, J.-L. Mixed-oxide fuel fabrication technology and experience at the BELGONUCLEAIRE and CFCa plants and further developments for the MELOX plant 47669
Haas, E.C. A pilot study on the perceived urgency of multitone and frequency-modulated warning signals 4374
Haas, F. *see* Mikolas, D. 44139
Haas, H., Gentile, P., Magnea, N., Pautrat, J.L., Dang, L.S., Pelekanos, N.T. Quantum confined Stark effect (QCSE) and self-electro-optic effect device (SEED) in II-VI heterostructures 11687
Haas, J.T.M.de *see* de Haas, J.T.M
Haas, L. *see* Cummings, K.D. 27973
Haas, P. The Stuttgart MAN field trial 37500
Haas, R. *see* Pettigrew, R.D. 32515
Haas, R.W., Brest, D., Mueggenburg, H., Lang, L., Heimlich, D. Fabrication and performance of MMW and SMMW platelet horn arrays 12780
Haas, T.W. *see* Eyink, K.G. 33603
Haas, T.W. *see* Lampert, W.V. 19426
Haas, T.W. *see* Lampert, W.V. 27783
Haas, W.E. *see* Cowan, M.D. 46551
Haas, Z. The 'staggering switch': an electronically controlled optical packet switch 6072
Haas, Z. Comparison of feed-forward and feedback configurations of the staggering switch architecture 30775
Haas, Z., Santoro, M.A. A mode-filtering scheme for improvement of the bandwidth-distance product in multimode fiber systems 11582
Haas, Z.J. *see* Pollini, G.P. 45819
Haase, A. *see* Eichler, H.J. 3566
Haase, A. *see* Eichler, H.J. 3748
Haase, H. *see* Seibel, G. 32664
Haase, J. *see* Gratsch, B. 37634
Haase, L. Manufacturing a power transistor within the education of students in electrical engineering in semiconductor techniques at the Technical University Berlin 149
Haase, M.A., Baude, P.F., Hagedorn, M.S., Qiu, J., DePuydt, J.M., Cheng, H., Guha, S., Hofler, G.E., Wu, B.J. Low-threshold buried-ridge II-VI laser diodes 3590
Haase, M.A., Baude, P.F., Hagedorn, M.S., Qui, J., DePuydt, J.M., Cheng, H., Guha, S., Hofler, G.E., Wu, B.J. Blue-green buried-ridge laser diodes 28812
Haase, M.A. *see* Guha, S. 10692
Haase, M.A. *see* Guha, S. 11871
Haase, M.A. *see* Wu, B.J. 9546
Haase, W. *see* Weyrauch, T. 44074
Haasteren, A.J.P.van *see* van Haasteren, A.J.P.
Haavisto, P. *see* Nieweglowski, J. 4936
Haba, J. R&D activities for the vertex detector in KEK B-Factory 7177
Haba, J. *see* Fukunaga, C. 46852
Haba, J. *see* Fukushima, Y. 15662
Haba, J. *see* Kruger, A. 38860
Haba, J. *see* Saitoh, Y. 7254
Haba, J. *see* Saitoh, Y. 46854
Haba, J. *see* Tanaka, M. 46975
Haba, T., Maeda, S., Watanabe, D., Fukui, C., Nomoto, M. An expert system for switch operation planning on line dispatching 7893
Habara, K. Cooperation in standardization 37206
Habara, K., Matsunaga, T. Silica glass waveguide planar lightwave circuit applications in photonic switching 3142
Habara, K. *see* Sasayama, K. 5866
Habara, K. *see* Sasayama, K. 38116
Habauer, W. Modern drive systems for electric vehicles—criteria for selection and practical application 48271

Habbab, I.M.I. Improved robustness in long-haul lightwave all-amplifier systems 23028
Habedank, U. Application of a new arc model for the evaluation of short-circuit breaking tests 32957
Haben, M. *see* Webster, K. 31792
Haber, C. *see* Amidei, D. 46890
Haber, C. *see* Bedeschi, F. 38912
Haber, C. *see* Tkaczyk, S. 46989
Haber, I. *see* Callahan, D.A. 15473
Haber, I. *see* Callahan, D.A. 46757
Haber, I. *see* Fawley, W.M. 31563
Haber, I. *see* Friedman, A. 15477
Haber, I. *see* Friedman, A. 31565
Haber, I. *see* Friedman, A. 46758
Haber, I. *see* Grote, D.P. 15478
Haber, I. *see* Ho, D.D.-M. 15480
Haber, S.B., Barriere, M.T., Roberts, K.H. Outage management: a case study 39834
Haber, S.B., Shurberg, D.A., Barriere, M.T., Hall, R.E. The Nuclear Organization and Management Analysis Concept methodology: four years later 39773
Haberl, O.F., Kropf, T. HIST: a methodology for the automatic insertion of hierarchical self test 6335
Haberli, A. *see* Boltshauser, T. 46359
Habermehl, S. *see* He, S.S. 10774
Habermehl, S. *see* Lucovsky, G. 9792
Habermeier, H.-U. *see* Jager-Waldau, G. 27701
Haberstroh, R., Kadar, I. Multi-spectral data fusion using neural networks 4753
Haberthur, B. *see* Allison, J. 16797
Haberthur, B. *see* Windisch, B. 16793
Habetler, T.G., Profumo, F., Griva, G., Pastorelli, M., Bettini, A. Stator resistance tuning in a stator flux field oriented drive using an instantaneous hybrid flux estimator 17456
Habetler, T.G. *see* Abe, T. 17453
Habib, K., Moore, K., Nessler, R. Properties and structures of a magnetic shielding material 43253
Habib, L. *see* Brachat, P. 36425
Habib, M.A. First- and second-law analysis of steam-turbine cogeneration systems 47763
Habib, M.M. *see* Christie, R.D. 32401
Habib, S. Aerospace applications of batteries 32043
Habiballah, I.O., Quintana, V.H. Integer-linear-programming eigenvector-based approach for multipartitioning power system state-estimation networks 32171
Habibi, A. Optimization of VQ architectures 13563
Habibi, D., Lewis, D.J.H. Queues with periodic input and output rates 37100
Habibi, D., Lewis, D.J.H., Nguyen, D.T., Pieloor, J. Analysis of an access node multiplexer in a system serving CBR and VBR traffic 14262
Habich, U., Ehrlichmann, D., Plum, H.D., Loosen, P. Coaxial slow-flow CO_2 laser with 2 kW output power 11966
Habich, U. *see* Ehrlichmann, D. 3460
Habich, U. *see* Ehrlichmann, D. 20944
Habiger, C.M., Jalowiecki, I.P. The implementation of a MCM associative string processor 34120
Habiger, C.M., Lea, R.M. Reducing cost and ensuring on-time delivery of hybrid-WSI massively parallel computing modules 40961
Habiger, C.M. *see* Hedge, S.J. 41983
Habli, M.A., Leonik, K. Image reconstruction for computer tomography with missing projections using the bimodal optical computer 24232
Habraken, J.B.A., Van Gils, M.J., Cluitmans, P.J.M. Identification of peak V in brainstem auditory evoked potentials with neural networks 7440
Habraken, S. *see* Leclere, P. 12476
Habrard, M.C. *see* Dentan, M. 34183
Habrard, M.C. *see* Dierickx, B. 24001
Habs, D. *see* Grieser, M. 6900
Habs, D. *see* Grieser, M. 15303
Habs, D. *see* Kieffner, C.-M. 15524
Habs, D. *see* von Hahn, R. 15518
Habti, A.El *see* El Habti, A.
Hac, A. Improving reliability through architecture partitioning in telecommunication networks 37173
Hac, A. Distributed multicasting algorithm with congestion control and message routing 37175
Haccoun, D. *see* Despins, C.L. 36555
Hache, F. *see* Silence, S.M. 20235
Hache, F. *see* Silence, S.M. 21070
Hachigo, A. *see* Nakahata, H. 11425
Hachigo, A. *see* Nakahata, H. 28345
Hachijin, M. *see* Hashimoto, T. 11933
Hachiya, S., Tomoike, K., Yuasa, K., Togawa, S., Sekiya, T., Takahashi, K., Kawasaki, K. Ferroelectric liquid-crystalline polymers and their application to display devices 15128
Hachtel, G. *see* Plessier, B. 33993
Hachtel, G.D. *see* Cho, H. 1131
Hack, M. Physics of amorphous and poly-crystalline silicon thin film transistors 28176
Hack, M., Mei, P., Lujan, R., Lewis, A.G. Integrated conventional and laser re-crystallised amorphous silicon thin film transistors for large area imaging and display applications 34990
Hack, M., Weisfield, R., Steemers, H., Thompson, M.J., Willums, M.F., LeComber, P.G. Transient and stress effects in amorphous silicon thin-film transistors 28158
Hack, M., Weisfield, R., Willums, M.F., Masterton, G.H., LeComber, P.G. Transient and stress effects in amorphous silicon thin-film transistors 28143
Hack, M., Wu, I.-W., Lewis, A.G., King, T.J. Numerical simulations of on and off state characteristics of polysilicon thin film transistors 19870
Hack, M. *see* Globus, T. 28178
Hack, M. *see* Mei, P. 42911
Hack, M. *see* Street, R.A. 27493
Hack, M.G. *see* Tsu-Jae King 28157
Hackam, R. *see* Kim, S.-H. 43203
Hackam, R. *see* Seog-Hyeon Kim 47557
Hackbarth, T. *see* Panzlaff, K. 9641
Hackbusch, W., Sauter, S.A. On numerical cubatures of nearly singular surface integrals arising in BEM collocation 41193
Hacke, P., Detchprohm, T., Hiramatsu, K., Sawaki, N. Schottky barrier on *n*-type GaN grown by hydride vapor phase epitaxy 19409
Hackel, L., Jahne, H.J., Penczynski, P. Integrated communication in drives and standard products 8802
Hackel, L.A., Beach, R.J., Dane, C.B., Zapata, L.E. Laser driver for soft-X-ray projection lithography 27812
Hackenberger, D. On completely free elements in finite fields 41034
Hackenberger, W.S., Shrout, T.R., Dougherty, J.P., Speyer, R.F. Sintering phenomena and microstructural development in LTCC multilayer substrates 17861
Hacker, B., Fleischer, M., Meixner, H. Topography and performance of gas-sensing devices: an AFM study 31328
Hacker, E. *see* Klumpp, A. 28036
Hacker, F., Walsh, J., Adler, R., Richter-Sand, R. Multiwave Cherenkov generator experiments 27422
Hacker, H.U. *see* Brittner, P. 7066
Hacker, J. *see* Jaing, Y. 3622
Hacker, J.B. *see* Kim, M. 1584
Hacker, J.B. *see* Moonil Kim 34252
Hacker, J.B. *see* Moonil Kim 34279
Hacker, J.B. *see* Rutledge, D.B. 27288
Hacker, N. *see* Wallraff, G.M. 27957
Hacker, N.P. *see* McKean, D.R. 11009
Hacker, R.J., Munro, D.K., Thornycroft, J.M. Small grid-connected solar photovoltaic generators in the UK 25278
Hacker, U. *see* Biri, J. 46996
Hacker, U. *see* Dietrich, J. 7097
Hackett, T., Dillenbeck, K. A systems approach to ultra high purity process chemicals 1996
Hackl, B. *see* Fabry, L. 42603
Hackman, R.H., Abatzoglou, T.J., Arnold, H., Reagan, J. The analysis and representation of sonar echo returns 23219
Hackman, R.H. *see* Sammelmann, G.S. 23224
Hackwell, J.A. *see* Schulenburg, N.W. 29837
Hackwood, S. Extension programs help small US firms 212
Haczewski, A. *see* Nyka, K. 26107
Hada, F., Miyauchi, K. Allocation of equalizer characteristics and efficiency of frequency and power in PSK systems with Root-Nyquist filters 21503
Hada, H. *see* Sugibayashi, T. 26919
Hada, H. *see* Sugibayashi, T. 26954
Hada, K. *see* Wakayama, N. 39838
Hada, S. *see* Yamazaki, T. 23627
Hadaller, G.I. *see* Kohn, E. 8082
Hadama, H. *see* Kawamura, R. 37348
Hadama, H. *see* Sato, K.-I. 37600
Hadano, Y. *see* Ohara, H. 25211
Hadar, O., Dror, I., Kopeika, N.S. Image resolution limits resulting from mechanical vibrations. IV. Real-time numerical calculation of optical transfer functions and experimental verification 45206
Hadas, T. *see* Ashkinazi, G. 9570
Haddad, G.I. *see* Chen, W.L. 19701
Haddad, G.I. *see* Chen, W.L. 41329
Haddad, G.I. *see* Chen, W.L. 42869
Haddad, G.I. *see* Kyounghoon Yang 42868
Haddad, G.I. *see* Li, W.Q. 19033
Haddad, G.I. *see* Mohan, S. 10077
Haddad, G.I. *see* Moore, K.E. 19917
Haddad, G.I. *see* Teeter, D.A. 19063
Haddad, G.T. *see* Eisele, H. 10463
Haddad, N.F. *see* Henley, W.B. 34626
Haddad, N.F. *see* Henley, W.B. 34643
Haddad, P., Barlaud, M., Mathieu, P. Optimisation of distortion-rate in image coding: an application of wavelet packets 22012
Haddad, R. *see* Jouppi, N.P. 27001
Haddad, R.A. *see* Akarun, L. 21770
Haddad, R.A. *see* Humor Hwang 45257
Haddad, R.A. *see* Sinha, N.D. 30058
Haddad, R.A. *see* Uzun, N. 29718
Haddad, R.W. *see* Jouppi, N.P. 26965
Haddad, S. *see* Tang, Y. 35004
Haddadi, N., Jay Kuo, C.-C. Video image coding via multiresolution computation of motion vectors with discontinuities 13568
Haddadi, N., Jay Kuo, C.-C. Fast computation of motion vectors for MPEG 29951
Haddadi, N., Kuo, C.-C.J. Computation of dense optical flow with a parametric smoothness model 29799
Haddara, H., Elewa, M.T., Cristoloveanu, S. Measurement and modeling of drain current DLTS in enhancement SOI MOSFETs 2536
Hadden, A.D. Mercury One-2-One: the catalyst for change in telecommunications service 22883
Haddock, J.L., Brough, C.A. The application of transputers to HVDC and SVC control 47429
Haddock, J.L. *see* Andersen, B.R. 39579
Hademenos, G.J., King, M.A., Ljungberg, M., Zubal, I.G., Harrell, C.R. A scatter correction method for Tl-201 images: A Monte Carlo investigation 15755
Haden, J. *see* Mundinger, D. 20726
Hadid, A., Laurent, C., Mammeri, M., Clavreul, R., Duchateau, F., Berdala, J. An investigation into electrical ageing of insulating polymers by detection of charge injection under alternative divergent field 43210
Hadidi, A. Input impedance of a probe-fed rectangular cavity-backed slot 12758
Hadim, A. A simplified thermal analysis and design methodology for printed circuit boards 1707
Hadim, A., Ramot, M. Natural convection in an enclosure with discrete heat sources on the vertical walls 26190
Hadimioglu, B., Elrod, S.A., Steinmetz, D.L., Lim, M., Zesch, J.C., Khuri-Yakub, B.T., Rawson, E.G., Quate, C.F. Acoustic ink printing 16089
Hadizad, P. *see* Hsu, T.-Y. 2381
Hadj Tahar, J.Bel *see* Bel Hadj Tahar, J.
Hadji-Minaglou, J.R. *see* Henneberger, G. 48272
Hadjifotiou, A. *see* Lee, W.S. 45931
Hadjifotiou, A.P. *see* Kimber, E.M. 45932
Hadjiiski, L.M. *see* Sinha, P.K. 48367
Hadjitheodosiou, M.H., Komisarzcuk, P., Coakley, F., Evans, B.G., Smythe, C. End-to-end performance analysis for broadband island interconnection via satellite—RACE II/R2074 (Catalyst) project 22590
Hadjitheodosiou, M.H. *see* Komisarczuk, P. 14186
Hadjitodorov, S. *see* Boyanov, B. 13012
Hadjivassilev, S., Pforr, J., Hobson, L. A novel front-end converter system for distributed power supplies providing high performance and low costs 32916
Hadjivassilev, S.T., Pforr, J., Hobson, L. Front-end converter system for distributed power supply 17054
Hadjoub, Z. *see* Doghmane, A. 42822
Hadjout, J.P. *see* de Marcillac, P. 24058
Hadland, S.M., Nelson, J.C.C. Automated image shearing system for optical fibre geometrical characterisation 11607
Hadley, G.R. Design of tapered waveguides for improved output coupling 21309
Hadley, M.A. *see* Wilson, G.C. 12222
Hadley, S. *see* Morgan, N. 31778
Hadley, T.S. *see* Wu, A.C.-H. 26603
Hadlock, D., Szerszen, P., Williams, J., Patrick, E., Waltemyer, T., Kohlberg, I. Biological effects of large unbounded shielded and unshielded electromagnetic pulse simulators 39116
Hadlock, D. *see* Bren, S. 7495
Hadlock, D. *see* Kohlberg, I. 44442
Hadrian, W., Hofbauer, F., Lugschitz, H., Kropik, W., Jermendy, L. Corrective measures for decreasing the detrimental environmental impacts of high voltage lines 7972
Hadziioannou, G. *see* Malliaras, G.G. 28611
Hadziioannou, G. *see* Malliaras, G.G. 43652
Hae Seok Oh *see* Gi O Jeong 31831
Hae-Il Ahn *see* Jackman, J. 38715
Hae-Seung Lee *see* Karanicolas, A.N. 42003
Hae-Seung Lee *see* Kung, J.T. 23511
Hae-Seung Lee *see* Yu, P.C. 41689
Haebel, E. Couplers, tutorial and update 10407
Haebel, E. Higher order mode suppression in accelerators 15365
Haeberli, W. *see* Rathmann, F. 6941
Haeberli, W. *see* Roberts, A.D. 31587
Haeberli, W. *see* Ross, M.A. 31615
Haeberli, W. *see* Wise, T. 15588
Haefelin, D. Multifunctional radio control receiver. Remote parameter arrangement and automatic process management 47380
Haefke, H. *see* Dammer, U. 28348
Haegel, N.M. *see* Lingunis, E.H. 9583
Haegel, N.M. *see* Madok, J.H. 2046
Haegel, N.M. *see* Mullenborn, M. 19408
Haelterman, M. *see* de Angelis, C. 5864
Haelterman, M. *see* Kivshar, Y.S. 38048
Haendler, F. *see* McDaniel, T.L. 45905
Haeri, M.Hossein *see* Hossein Haeri, M.
Haertling, G.H. *see* Feiling Wang 1233
Haertling, G.H. *see* Wang, F. 3169
Haesakkers, J.D.L. *see* van der Pols, E.K.H. 8879
Haese-Coat, V. *see* Kpalma, K. 30074
Haessig, M. *see* Fuhr, J. 40283
Hafer, D.R., Bauer, D.A. AEP's program for enhanced environmental performance of PFBC plants 32641

Hafez, H.M. *see* Thyagarajan, V.R.M. 37820
Hafez, I.M. *see* Emrani, A. 35001
Hafez, M., English, P. Application of explicit finite elements to Maxwell's equations 41206
Haffa, S. *see* Hollmann, D. 4221
Haffmann, E. *see* Czychon, K.-H. 32569
Hafich, M.J. *see* Chen, C.W. 20566
Hafich, M.J. *see* Prasad, M. 42488
Hafiz, A. *see* Magnusson, R. 44164
Hafizi, B. *see* Gold, S.H. 1784
Hafizi, B. *see* Gold, S.H. 1792
Hafizi, B. *see* Roberson, C.W. 35913
Hafizi, H., Liu, T., Rensch, D.B., Stanchina, W.E. Effects of collector doping on DC and RF performance of AlInAs/GaInAs/InP double heterojunction bipolar transistors 27206
Hafizi, M., Stanchina, W.E., Metzger, R.A., Jensen, J.F., Williams, F. Reliability of AlInAs/GaInAs heterojunction bipolar transistors 34917
Hafizi, M. *see* Metzger, R.A. 2458
Hafizi, M. *see* Stanchina, W.E. 19799
Hafner, C.V. On the design of numerical methods [computational electromagnetics] 3955
Hafner, F., Erlangen, M.M., Mittmann, U., Schafer, B.L. Electric equipment of Deutsche Bundesbahn class 610 railcars. II 8911
Hafner, G. Power system telecontrol transmitters at the Vienna Urban Electric Utility 32335
Hafner, H.U. *see* Mundinger, H.J. 34657
Hafstrom, J.F. The physics of thermal platforms. Providing superior thermal testing conditioning for small components and subassemblies 242
Haftek, E. *see* Cates, J.C. 28362
Haftek, E. *see* Qiu, G. 28361
Haga, A. *see* Xinwei, Y. 24986
Haga, D. *see* Lundqvist, L. 23575
Haga, K. *see* Ebinuma, Y. 24952
Haga, T., Hirai, T., Sasakawa, K., Kuroda, S. The extraction of specific shapes by global image information processing 4798
Haga, T., Ohishi, M., Imai, K., Kumazaki, K., Ohmori, K., Saito, H., Abe, Y. Characterization by ion-channeling of ZnSe grown by photo-assisted molecular beam epitaxy 707
Haga, T. *see* Kinoshita, H. 27833
Haga, Y. *see* An, H. 17404
Hagan, D.J. *see* Van Stryland, E.W. 21066
Hagan, D.J. *see* Xia, T. 36027
Hagan, W. *see* Holslin, D. 24076
Hagberg, J. The properties of screen printed (Bi,Pb)-Sr-Ca-Cu-O thick films based on decomposed oxalite powders 20175
Hagberg, M., Kjellberg, T., Eriksson, N., Larsson, A.G. Grating-coupled surface-emitting lasers with integrated corner reflectors 12135
Hagberg, M., Kjellberg, T., Eriksson, N., Larsson, A.G. Demonstration of blazing effect in second order gratings under resonant condition 43838
Hagberg, M. *see* Eriksson, N. 28882
Hagberg, M. *see* Kjellberg, T. 28871
Hagberg, M. *see* Kjellberg, T. 43925
Hagedoorn, H.L. *see* Boling Xi 15556
Hagedoorn, H.L. *see* de Leeuw, R.W. 15470
Hagedoorn, H.L. *see* Kleeven, W.J.G.M. 7057
Hagedoorn, H.L. *see* Webers, G.A. 15537
Hagedorn, C. *see* Barocsi, A. 11717
Hagedorn, D. *see* Granier, M. 15547
Hagedorn, M.S. *see* Haase, M.A. 3590
Hagedorn, M.S. *see* Haase, M.A. 28812
Hagedorn, M.S. *see* Higman, T.K. 2578
Hagedorn, P., Wallaschek, J., Konrad, W. Travelling wave ultrasonic motors. Part II. A numerical method for the flexural vibrations of the stator 16899
Hagel, J. *see* Hodges, C.R. 334
Hagel, K. *see* He Zhiyong 46884
Hagel, R., Gong, L., Unbehauen, R. On the magnetic field of an infinitely long helical line current 44236
Hagele, W. *see* Rosenberg, U. 27143
Hagelstein, P.L. *see* Goodberlet, J. 4810
Hagelstein, P.L. *see* Pan, J.L. 35848
Hageman, P.R. *see* Thomeer, R.A.J. 41267
Hageman, S.C. Mixed analogue/digital simulation using PSpice 1343
Hageman, S.C. Simple PSpice models let you simulate common battery types 33008
Hagemann, G. *see* Stieve, F.-E. 24160
Hagemeyer, A. *see* Fischer, G. 11454
Hagen, D.E. *see* Whitefield, P.D. 35683
Hagen, E.W. *(editor)* Conference Record for 1992 IEEE Fifth Conference on Human Factors and Power Plants (Cat. No.92CH3233-4) 33183
Hagen, F.W., Seidel, H. Deutsche airbus flight test of Rosemount smart probe for distributed air data systems 39259
Hagen, G. *see* Jelle, B.P. 20388
Hagen, K.ten *see* ten Hagen, K.
Hagen, L., Kahng, A.B. Improving the quadratic objective function in module placement 18391
Hagen, L., Kahng, A.B. A new approach to effective circuit clustering 26609
Hagen, L., Kahng, A.B., Kurdahi, F.J., Ramachandran, C. On the intrinsic Rent parameter and spectra-based partitioning methodologies 26894
Hagen, S.T., Ildstad, E. Reduction of AC-breakdown strength due to particle inclusions in XLPE cable insulation 16362
Hagen, S.T. *see* Ildstad, E. 2724
Hagenauer, J. *see* Amor, H. 30992
Hagenbruch, H. American Memory—history meets the age of technology 46256
Hageniers, O.L. *see* Reynolds, R.L. 9322
Hager, A. *see* Lowenstein, V. 48134
Hager, G.D., Kopf, D., Plummer, D., Salsich, T., Crowell, P. Demonstration of a repetitively pulsed magnetically gain switched chemical oxygen iodine laser 12005
Hager, G.D. *see* Miller, H.C. 28696
Hager, H.E. *see* Evans, B.D. 3362
Hager, H.E. *see* Evans, B.D. 35841
Hager, H.E. *see* Zou, W.-X. 12203
Hageraats, H., Hooijmans, P.W., Tomesen, M.T. A new wide-band input compensation for packaged analog and digital multigigabit IC's 42096
Hagerman, J. Optimum spot size for raster-scanned monochrome CRT displays 15140
Hagerman, M.E. *see* Fulin Xiong 21023
Hagerott, M. *see* Fan, Y. 42425
Hagerott, M. *see* Grillo, D.C. 3647
Hagerott, M. *see* Grillo, D.C. 28811
Hagerott, M.M. *see* Fan, Y. 1848
Hagfeld, A. *see* Lindquist, S.-E. 40465
Hagfeldt, A., Didriksson, B., Palmqvist, T., Lindstrom, H., Sodergren, S., Rensmo, H., Lindquist, S.-E. Verification of high efficiencies for the Gratzel-cell. A 7% efficient solar cell based on dye-sensitized colloidal TiO_2 films 33025
Hagfeldt, A., Lindquist, S.-E., Gratzel, M. Charge carrier separation and charge transport in nanocrystalline junctions 42600
Hagfors, T. *see* Kildal, P.-S. 23250
Hagg, H.P. *see* Gunther, J. 32770
Haggag, H. *see* Bergemont, A. 18742
Haggag, H. *see* Hoang, L. 18712
Hagge, L. *see* Behrens, U. 38917
Haggerty, H. *see* Lindsey, C.S. 15661
Haggett, B.G.D. *see* Atkinson, A.L. 23732
Haggis, J.S. *see* Bayley, A.M. 46151
Haggren, H. Vision system for 3D car body orientation 23703
Haggstrom, I. *see* Bertfelt, L. 45448
Haghiri-Gosnet, A.M., Lafontaine, H., Jin, Y., Rousseaux, F., Decanini, D., Carcenac, F., Raveta, M.F., Thierry-Mieg, V., Chaker, M., Pepin, H., Launois, H. 180 nm gate-length HEMTs using complete X-ray lithography processing 28214
Hagihara, J., Yoshizawa, J., Uchino, H., Kobayashi, H. Intelligent support system for spot network malfunction 39492
Hagihara, S. *see* Saito, N. 25959
Hagimoto, K., Aoyama, K.-I. High-speed optical transmission systems using optical fiber amplifiers 30756
Hagimoto, K., Kataoka, T., Miyamoto, Y., Sato, K., Noguchi, K. Ultra-high-speed modulation technology for IM/DD systems 28522
Hagimoto, K. *see* Kataoka, T. 38115
Hagino, H., Hikichi, T., Soejima, N., Inoue, M., Ishizawa, S. A low-loss soft-recovery diode 33870
Hagino, M. *see* Ishikawa, K. 35137
Hagino, M. *see* Okada, N. 2739
Haginomori, E., Yoshimura, K., Kobayashi, S., Kaneko, S., Yokota, T., Ishikawa, M. TRVs and fault clearing stresses in extra high voltage radial networks 16298
Haginoya, S. *see* Kazama, M. 24518
Hagiwara, H., Araki, K., Konishi, C., Michimori, A., Koyama, E., Saito, M. Evaluation of human alertness and its applications 31948
Hagiwara, H., Suzuki, R., Kuwashima, S., Higashi, M. A study on weather routing system using INMARSAT data communications. II. System improvement for practical operation 38186
Hagiwara, M. *see* Sano, H. 5755
Hagiwara, S. *see* Dawson, J.F. 41608
Hagiwara, S. *see* Ito, K. 25502
Hagl, R., Bielski, S. Built-in rotary encoders for controlled electrical drives 40536
Haglund, L. *see* Knutsson, H. 13677
Haglund, L. *see* Knutsson, H. 13693
Haglund, R.F., Jr., Li Yang, Magruder, R.H., III, Becker, K., Wittig, J.E., White, C.W., Zuhr, R.A., Yang, L., Dorsinville, R., Alfano, R.R. Metal-nanocluster composites made by ion implantation: a novel third-order nonlinear material 21065
Hagmeister, H., Holtwijk, T. JESSI, an European, cooperative R&D program on microelectronics technology for applications 19953
Hagood, N., Kindel, R., Ghandi, K., Gaudenzi, P. Improving transverse actuation of piezoceramics using interdigitated surface electrodes 28328
Hagopian, V., Bartosz, E., Bertoldi, M., Davis, D., Hu, K., Immer, C., Johnson, K.F., Shepard, M., Thomaston, J., Whitaker, H. Light yield and radiation hardness of scintillator-fiber system 24019
Hagry, M.T.El *see* El Hagry, M.T.
Hagstrom, S.B. *see* Kelly, M.A. 859
Hagstrom, S.B. *see* Olson, D.S. 1834
Hagstrom, U., Djuphammar, H. RBS 884: a new generation radio base stations for the American standard 45858
Hague, B. Renewable energy sources in the UK 25118
Hah Yung-Joon *see* Yung-Joon Hah
Hahmann, P. *see* Elsner, H. 27914
Hahn, A.D., Gaitskell, R.J., Booth, N.E., Salmon, G.L. Study of non-equilibrium signals in superconducting single crystal niobium 20197
Hahn, A.D. *see* Booth, N.E. 20188
Hahn, D., Hansen, K., Malacky, L., Schlachetzki, A. Optically triggered $In_{0.53}Ga_{0.47}As$-transferred-electron devices for repeater applications 35621
Hahn, D. *see* Swift, A.M. 46947
Hahn, E.I. *see* Grzan, J. 16330
Hahn, F. *see* Adam, W. 46929
Hahn, G. Semiconductor production in Europe: profitable production of ASICs based on JESSI-Project 26167
Hahn, H.S., Sanders, J.L. Performance analysis of a LIM-based high-speed tool delivery system for machining 25468
Hahn, K., Celata, C., Faltens, A., Judd, D., Seidl, P., Lee, E. Transverse beam combiner for HSF 31567
Hahn, K., Smith, L. A time domain analysis of 1-D longitudinal beam dynamics in an induction linac 15479
Hahn, K. *see* Celata, C.M. 31562
Hahn, K. *see* Eylon, S. 23983
Hahn, K. *see* Nickel, O. 24186
Hahn, K.H., Tan, M.R., Wang, S.Y. Intensity noise of large area vertical cavity surface emitting lasers in multimode optical fibre links 30747
Hahn, M. *see* Kauff, P. 30984
Hahn, R. *see* Auerhammer, J. 43978
Hahn, R.V. *see* Grieser, M. 6900
Hahn, R.von *see* von Hahn, R.
Hahn, S. *see* Lee, G.-S. 10861
Hahn, S. *see* Park, J.-G. 2672
Hahn, S. *see* Park, J.-G. 2678
Hahn, S.J. A flexible, interactive finite difference system for modeling defibrillation shock fields 24329
Hahn, S.J., Dahl, R.W., Swanson, D.K. Evaluation of the current distribution from implantable defibrillation electrodes using image analysis of bubble formation in a homogeneous tank 39101
Hahn, S.J., Lee, J.K., Park, E.H., Chung, T.H. Chaotic transitions in a short-pulse FEL oscillator 43989
Hahn, S.K. *see* Sandow, P.M. 1969
Hahn, S.R. *see* Parsons, J.D. 728
Hahn, T.S. *see* Lee, Y.H. 35603
Hahn, U. *see* Larsson, C.U.S. 31806
Hahn, W.B. Jr., Bauchert, K.A. Optical correlation algorithm development for the transfer of optical processing to systems (TOPS) program 30107
Hahn Sang June *see* Sang June Hahn
Hahne, B.M. *see* O'Brien, D.E. 40946
Hahne, P. *see* Balewski, K. 46775
Hai Feng Liu *see* Kai Choong Chan 21090
Hai Jin *see* Jin Hai
Hai Tao *see* Zhengfu Han 42547
Hai Wang *see* Wang Hai
Hai Yan *see* Yan Hai
Hai Zhao *see* Zhao Hai
Hai Zhou *see* Zhou Hai
Hai-Nan Cai *see* Cai Hai-Nan
Hai-Qiang Yang *see* Xi Mao Bao 3321
Hai-Yang Liao *see* Liao Hai-Yang
Haian Lin *see* Lin Haian
Haibin Gao *see* Gao Haibin
Haibo Zhang *see* Xiaoping Wu 29036
Haidar, A.M., Fu-Qiang Li, Morisue, M. Design of Josephson delta-gate (δ-gate) 1182
Haidara, F. *see* Stutzman, W.L. 36180
Haider, A.M., Ma, C., Shadman, F. Integrated approach to the removal of impurities from gases and water in the microelectronics industry 1997
Haider, A.M. *see* Ma, C. 34650
Haider, F. *see* Payne, E. 44566
Haider, S. *see* Adam, W. 46929
Haider, S.S. *see* Bhattacharya, A.K. 41945
Haidn, H., Odendahl, G. Symbology-requirements in head-up and head-down-displays for helicopters in NOE-flight 47197
Haidner, H. *see* Collischon, M. 12297
Haidner, H. *see* Sheridan, J.T. 23646
Haidong Zheng *see* Zheng Haidong
Haidoux, A., Tomasini, P., Maurin, M., Tedenac, J.C., Coquillat, D., Ribayrol, A., Lascaray, J.P., Bouchara, D., Abounadi, A., Calas, J., Ducourant, B. Heterostructure of binaries II-VI semiconductors ZnTe and ZnSe/III-V (GaAs, InP, GaSb) 9567
Haifeng Li *see* Hanyi Zhang 3717
Haifeng Li *see* Ting Mei 31292
Haifeng Li *see* Li Haifeng
Haigh, D.G. *see* Anand, V. 41569
Haigh, D.G. *see* Visocchi, P.M. 18505
Haigh, J. *see* Dharmadasa, I.M. 27586
Haigh, N.R. *see* Hodge, K.G. 38054
Haigh, R.E. *see* Roeske, F. 3162
Haight, R.C. *see* Wender, S.A. 7232
Haihe Ly *see* Ly Haihe
Haihong Feng *see* Feng Haihong
Haijes, B., Peier, D., Senftleben, H. Fiber optic current measurements in electric power cables,

and applications in new short circuit protection concepts 25066
Haijiang Jiang *see* Jiang Haijiang
Haijiang Li *see* Li Haijiang
Haikawa, Y. *see* Minoda, H. 23366
Hailemarian, E. *see* Pearton, S.J. 2043
Hailes, R. *see* Donachie, J. 38014
Hailey, S. Optimising manufacturing yield through simulation 17813
Hailfinger, G. *see* Meyder, R. 28420
Hailong Wang, Jie Cui, Aidong Shen, Liang Xu, Yuliang Chen, Yuhua Shen MBE growth and properties of wide band-gap II-VI strained-layer superlattice 751
Hailong Wang *see* Wang Hailong
Hails, J.E. Identification of the volatile decomposition products produced in the deposition of (Hg,Cd)Te by MOVPE 33606
Haim, D. *see* Morgan, N. 31778
Haimes, Y.Y. *see* Li, D. 9343
Haiming Wang Measurement of optical waveguide scattering loss: an improved method by the use of a Coblentz mirror 43461
Haine, F. *see* Gazalet, M.G. 43563
Haine, J.L., Martin, P.M., Goodings, R.L.A. A European standard for packet-mode mobile data 37812
Haines, E.J. *see* Hawman, P.C. 47080
Haines, R.J., Aghvami, A.H. Channel outage performance of QPSK and $\pi/4$-DQPSK in a multipath fading environment 36487
Hainian Yu *see* Yu Hainian
Haiping Wang *see* Wang Haiping
Haiqing Zhou *see* Jing Xu 23705
Hairapetian, G. *see* Hartman, S.C. 38818
Hairapetian, G. *see* Rosenzweig, J. 42357
Haire, D.F. *see* Petric, P.F. 27905
Hairen Gu *see* Gu Hairen
Hairer, F. Network information system for geographical cable and overhead cable documentation 24891
Haisch, H., Cebulla, U., Zielinski, E., Bouayad-Amine, J., Klenk, M., Laube, G., Mayer, H.-P., Weinmann, R., Speier, P. Low-chirp highly linear 1.55 μm strained-layer MQW DFB lasers for optical analog TV distribution systems 12164
Haishui Xu *see* Xu Haishui
Haisty, W.K. *see* Reddy, M.R.S. 24312
Haitain Zhou *see* Fulin Xiong 21023
Haitang Chen *see* Wenhua Dou 5534
Haixing Zou *see* Zou Haixing
Haizhong Wang *see* Wang Haizhong
Haizhou Li *see* Li Haizhou
Haizing Zou *see* Zou Haizing
Hajach, P. Some primary feeds of parabolic antennas with symmetrical radiation pattern 4291
Hajach, P. A conical dielectric-loaded horn with symmetrical radiation pattern 36392
Hajare, A.R. Simulating a multiple segment LAN 37550
Hajare, A.R. *see* Wick, D.T. 24390
Hajcak, P. *see* Iqbal, T. 43374
Hajdu, J.B., Yarkosky, E.F., Kawashima, S., Nakao, H., Iwasawa, H. Magnetic induction in electroless nickel deposits for aluminum memory disks 2827
Hajek, B. *see* Carr, M. 37094
Hajek, B. *see* Depuis, H. 5199
Hajek, B. *see* Krishna, A. 37164
Hajek, J. *see* Van Dommelen, D. 39450
Hajek, V. *see* Wagner, J. 47899
Haji, L. *see* Bonnel, M. 19828
Haji, L. *see* Bonnel, M. 28173
Haji, L. *see* Bonnel, M. 42954
Haji-Sheikh, A. *see* Yan, L. 322
Haji-Sheikh, A. *see* Magnusson, R. 44164
Hajima, R. *see* Nishimura, E. 43974
Hajiyev, C.M. Adaptive discretisation in random process measurement problems 23372
Hajiyev, C.M. *see* Abdullayev, A.A. 31508
Hajj, G.A. *see* Bassiri, S. 39340
Hajj, I.N. *see* Chung, P.-Y. 1194
Hajj, I.N. *see* Li, P.-C. 28281
Hajj, M.R., Miksad, R.W., Powers, E.J. Recent developments of the applications of polyspectral analysis to transitioning fluid flows 6858
Hajjar, A. *see* Abdallah, N. 41587
Hajjar, J.-J.J. *see* Feindt, S. 11302
Hajkowicz, L.A. Types of ionospheric scintillations in southern mid-latitudes during the last sunsport maximum 21259
Hajra, A.K. *see* De, S.S. 42428
Hajsadr, S.M., Finch, J.W. Turbogenerator computer aided control system design tool 32822
Hajto, J., Snell, A.J., Hu, J., Holmes, A., Owen, A.E., Rose, M.J., Gibson, R.A.G. DC and AC measurements on metal/a-Si:H/metal thin film devices 27584
Hajto, J., Snell, A.J., Hu, J., Holmes, A.J., Owen, A.E., Rose, M.J., Gibson, R.A.G. Metal-semiconductor transition in electroformed chromium/amorphous silicon/vanadium thin-film structures 27611
Hajto, J., Snell, A.J., Rose, M.J., Owen, A.E., Osborne, I.S., Kosa, T., Holmes, A., Gibson, R.A.G. Step-like current-voltage characteristics in metal/a-Si:H/metal structures 27608
Hajto, J. *see* Holmes, A.J. 27117
Hajto, J. *see* Snell, A.J. 27610
Hak Hwang Myung *see* Myung Hak Hwang
Hak Lee Jae *see* Jae Hak Lee
Hak Yang Seung *see* Seung Hak Yang
Hakala, H. *see* Vaataja, H. 14955
Hakamata, K., Ohki, M., Horikoshi, J., Kozaki, S. Characteristics on propagation of radio wave from a horizontal dipole located in two dimensional tunnels 12604
Hakamata, N. *see* Mizuno, S. 5880
Hakamata, Y. *see* Amemiya, K. 46799
Hakamata, Y. *see* Tokiguchi, K. 15328
Hakanson, L. Managing cooperative research and development: partner selection and contract design 161
Hakansson, E., Delsing, J. Effects of pulsating flow on an ultrasonic gas flowmeter 46685
Hakansson, J. *see* Brammer, R. 19750
Hakata, A. *see* Tomonaga, H. 22731
Haken, H. An algorithm for the recognition of deformed patterns including hand-written characters 29789
Haken, L. *see* Horner, A. 46269
Haken, U., Hundhausen, M., Ley, L. Carrier mobility and lifetime in a-Si:H determined by the moving grating technique 34541
Hakey, M.C. *see* Maltabes, J.G. 2370
Hakim, E. *see* Fayette, D.F. 9269
Hakim, E. *see* Weil, L. 40958
Hakim, E.B. *see* Carpenter, J.A. 9310
Hakim, F.J., Ulbricht, M. Satellite based telephony system for eastern Europe 22949
Hakim, H. *see* Najafi, B. 16756
Hakim, M.S., El-Ghazaly, S.M. Analysis of wave propagation effects on microwave field-effect transistors 1572
Hakimi, S.L., Schmeichel, E.F., Labbe, M. On locating path- or tree-shaped facilities on networks 508
Hakimzadeh, R., Moller, H.J., Bailey, S.G. Response to 'Comment on "Evaluation of the minority carrier diffusion length and edge surface-recombination velocity in GaAs p/n solar cells"' 8764
Hakken, D. International information infrastructure: social and policy considerations 37426
Hakkens, F.J.G. *see* Craciun, V. 34723
Hakkinen, V. *see* Hasan, J. 15847
Hakmi, Z. *see* Bensalem, A. 24881
Hakogi, H. *see* Tsuda, T. 45910
Hakotani, Y. *see* Itagaki, M. 17862
Hakozaki, J. *see* Hashimoto, S. 5703
Haku, H. *see* Ninomiya, K. 8780
Hakvoort, R.A. *see* La Via, F. 2236
Hakvoort, R.A. *see* La Via, F. 18147
Hala, I. *see* Slama, J. 28317
Halaj, J. Silicon epitaxial layers with non-uniform doping profiles. I. The model parameters' adjustment 19505
Halama, B.B., Andersh, D.J., Terzuoli, A.J. Asymptotic prediction validation using measured data 47317
Halama, H. *see* Murphy, J.B. 7125
Halama, S., Selberherr, S. Future aspects of process and device simulation 11276
Halamski, P., Muszynski, R. Minimum losses control of the DC motor drive including supply system losses 40515
Haland, I.J. Uniform distribution of generalized polynomials 18069
Halang, W.A. *see* van der Laan, M.D. 36657
Halas, S., Kaminski, A., Durakiewicz, T. A bridge-based temperature controller with a resistor as temperature sensor and heater 23552
Halasz, S. Optimization of voltage inverter control in an asynchronous electrical drive 17445
Halasz, S. Analysis of pulsewidth modulation techniques for induction motor drives 17484
Halbach, K., Schlueter, R.D. Simulating a singularity-free universe outside the problem boundary in POISSON 46744
Halbach, K. *see* Pellegrini, C. 44002
Halbauer, H., Meissner, D., Moench, E. Modem for a PMP radio system using trellis coded modulation with burst transmission 14327
Halbig, J.K., Klosterbuer, S.F., Russo, P.A., Sprinkle, J.K., Stephens, M.M., Wiig, L.G., Ianakiev, K.D. Recent miniature MCA technology developments at Los Alamos 38913
Halbig, J.K. *see* Sprinkle, J.K., Jr. 38914
Halbleib, J.A., Scrivner, G.J. Efficient β/γ Monte Carlo transport in repetitive structures 39156
Halbleib, L., Wormington, P., Cieslak, W., Street, H. Application of quality function deployment to the design of a lithium battery 48049
Halbout, J.-M. *see* Bassous, E. 1891
Haldar, P. *see* Motowidlo, L. 32436
Haldar, S., Khanna, M.K., Maneesha, Sood, R., Manju, Aggarwal, V., Gupta, R.S. Threshold voltage shift in depletion mode insulated gate field effect transistors 28128
Halder, A.K. *see* Razak, A.K. 21987
Halder, J.C. *see* De, S.S. 42412
Halder, J.C. *see* De, S.S. 42428
Haldoupis, C., Schlegel, K. A 50-MHz radio Doppler experiment for midlatitude E region coherent backscatter studies: system description and first results 24487
Hale, C.P. *see* Hawley, J.G. 7602
Hale, D.L. *see* Alexander, J.P. 46860
Hale, G., Redmond, S. VHDL and synthesis—living up to the promises 10065
Hale, J.P., II. Assessment of a head-mounted miniature monitor 7545
Hale, J.P., II Marshall Space Flight Center's virtual reality applications program 32029
Hale, J.S. *see* Synowicki, R.A. 18373
Hale, P. Motor control via PC 47891
Hale, P., Siegrist, J. *(editors)* Proceedings of the Third International Conference on Calorimetry in High Energy Physics 26046
Hale, P.D., Franzen, D.L. Accurate characterization of high speed photodetectors 23594
Hale, P.D. *see* Schlager, J.B. 20966
Hale, P.N., Jr. *see* Napper, S.A. 38949
Hale, S., Piccione, D. Application of the subjective workload assessment technique to aviation test and evaluation 15953
Hale, Z.M. *see* Payne, F.P. 38543
Hales, S.G., Johnston, C.I., Wilson, W.D. An integrated computer system for the management and control of a large distribution network 24921
Hales, W.M.M., Gray, P., Poole, F. The development of a dependable distributed control system for flexible manufacture 37451
Hales, W.M.M. *see* Pridmore, T.P. 13838
Haley, M.R. *see* Tummala, R.R. 9290
Halfin, S. *see* Coffman, E.G., Jr. 36451
Halhed, B.R. Building global videoconferencing networks 22668
Halijak, C.A. *see* Ali, A. 12835
Halimaoui, A. Determination of the specific surface area of porous silicon from its etch rate in HF solutions 42727
Haljaste, A. *see* Aints, M. 11349
Halkias, G., Christou, A., Huang, K., Li, J., Papanicolaou, N. Surface related failure mechanisms in polyimide passivated L-band MMICs 42225
Halkias, G. *see* Georgakilas, A. 740
Halkias, G. *see* Georgakilas, A. 33625
Halkias, G. *see* Guan, L. 17846
Halkias, G. *see* Guan, L. 17866
Halkias, G. *see* Kalboussi, A. 18188
Halkias, G. *see* Peiro, F. 695
Hall, A.C. *see* Aubin, J. 25519
Hall, A.F., Kovacs, S.J. Automated quantification of diastolic filling parameters from cardiac Doppler ultrasound 7412
Hall, A.J. *see* Thorpe, S.A. 39399
Hall, B. *see* Welfonder, E. 47407
Hall, B.F. DINIS training—are we teaching electrical engineering? 47368
Hall, B.J. Design of ion optical systems by computer simulation 46999
Hall, C. *see* Katz, A. 20903
Hall, C.E. *see* Hill, J.A. 5928
Hall, D. *see* Mehuys, D. 20826
Hall, D.B., Knop, J.M., Ayers, S.M., Klemme, G.A., Schreiber, G.A. A computer-controlled all-pass phase shift filter for a variable frequency two-phase AC magnetic susceptometer 14922
Hall, D.C., Goldberg, L., Mehuys, D. Interferometric measurement of lateral phase profile and thermal lensing in broad-area diode amplifiers 20794
Hall, D.C., Surette, M.R., Goldberg, L., Mehuys, D. Carrier-induced lensing in broad-area and tapered semiconductor amplifiers 43937
Hall, D.C. *see* Goldberg, L. 12196
Hall, D.D.N., Hayward, G., Gorfu, Y. Theoretical and experimental evaluation of a two-dimensional composite matrix array 24531
Hall, D.G. The role of silicon in optoelectronics 20577
Hall, D.G. *see* Jordan, R.H. 20354
Hall, D.L., Flatau, A.B. Nonlinearities, harmonics, and trends in dynamic applications of Terfenol-D 35250
Hall, D.L., Linn, R.J. Survey of commercial software for multi-sensor data fusion 22229
Hall, D.M., Wyntjes, G. Electronic speckle tracking 29034
Hall, D.O. *see* Richards, K.M. 25117
Hall, D.R. *see* Baker, H.J. 11946
Hall, D.R. *see* Hengchang, Z. 11922
Hall, D.R. *see* Hornby, A.M. 11955
Hall, D.R. *see* Su, D. 3947
Hall, E. *see* Shan Yu 30015
Hall, E.L. Fundamental principles of robot vision 5071
Hall, E.L. *see* Ballingall, J.M. 1640
Hall, E.L. *see* Liu Hongjian 30019
Hall, F. Oversampling overcomes limitations of equivalent time sampling [DSOs] 38607
Hall, F.F., Jr. Ice-cloud depolarization of backscatter for CO_2 and other infrared lidars: comment 44372
Hall, F.R. *see* Wei Li 31438
Hall, G. *see* Thomas, S.L. 46987
Hall, G.J., Ebrahimzadeh, M., Robertson, A., Malcolm, G.P.A., Ferguson, A.I. Synchronously pumped optical parametric oscillators using all-solid-state pump lasers 20978
Hall, H.K., Jr. *see* Kippelen, B. 2930
Hall, H.K., Jr. *see* Kippelen, S.B. 20294
Hall, J. Empowering the user through IT and communication services 37190

Hall, J., Meinkohn, J., Roth, R., Patel, P. VPN service management—perspectives from current RACE projects 37284
Hall, J.A. *see* Lee, S.T. 33081
Hall, J.L. Frequency stabilized lasers—a parochial review 3413
Hall, J.L., Malia, T.E. Military magnetic diskfiles in the avionics environment 39186
Hall, J.L. *see* Zhu, M. 23380
Hall, J.P., Kearley, M.Q., Moseley, A.J., Goodwin, M.J. Micropackaging technologies for optoelectronic components 43670
Hall, J.W., Connelly, J.A. An electronically adjustable bandpass filter 10286
Hall, K.A. *see* Kim, J.O. 14929
Hall, K.R. *see* Morrison, G.L. 46682
Hall, K.R. *see* Morrison, G.L. 46684
Hall, L.D. *see* Amin, M.H.G. 7637
Hall, L.D. *see* Burdett, N.G. 7355
Hall, L.M. Corporate telecommunication network signalling issues 22430
Hall, P.D. *see* Martin, M.Z. 31504
Hall, P.S. A quality environment for ISO 9000 444
Hall, P.S. *see* Bamford, L.D. 36431
Hall, P.S. *see* Haskins, P.M. 29336
Hall, P.S. *see* Langley, J.D.S. 12776
Hall, R.A. *see* Gregorwich, W. 47324
Hall, R.B. *see* Barnett, A.M. 25688
Hall, R.B. *see* Barnett, A.M. 48125
Hall, R.C. Full-wave aperture coupled patch antenna 12751
Hall, R.E. *see* Haber, S.B. 39773
Hall, R.J. Quality assurance specifications and test methods for choosing a solder mask 34432
Hall, R.L. Q.93B—evolution or revolution? 37126
Hall, R.R. *see* Srinivasan, R. 19622
Hall, R.S. *see* Danzig, P.B. 30385
Hall, S. Screen printer intelligence requirements for low defect process capability 34402
Hall, S. *see* Beadle, H.W.P. 5340
Hall, S. *see* Gonzalez, V. 32761
Hall, S. *see* Hurley, P.K. 19563
Hall, S. *see* Wainwright, S.P. 19444
Hall, S.L.M. Designing to meet structural requirements of electric vehicles 48422
Hall, S.R., Maher, D.P. Closing in on wireless privacy 37840
Hall, S.R. *see* Avis, S.E. 47280
Hall, S.W. *see* Lim, H.S. 40441
Hall, T. *see* Kirk, A. 28552
Hall, T.J., Xu, L.Q., Jamieson, S., Dainty, P., Russ, K.B., Cherry, S.R., Roberts, N.C., Walton, A.L. Free-space optical networks using diffractive and refractive micro-optics 11905
Hall, T.J. *see* Insana, M.F. 39032
Hall, T.J. *see* Kirk, A.G. 12466
Hall, T.J. *see* Russ, K.B. 11794
Hall, W. *see* Carr, L. 14131
Hall, W. *see* Chien, H.-C. 23237
Hallam, A.G. A re-formulation of the expression for mode-field diameter in the variable-aperture domain 44537
Hallam, P. *see* Butler, I.C. 42082
Hallam-Baker, P. *see* Butterworth, J. 38932
Hallatschek, K. *see* Forster, G. 23528
Hallbert, B.P. The evaluation of human reliability in process systems analysis 39785
Hallbert, B.P., Harbour, J.L. Developing static information displays: a case study on improving worker safety 39738
Hallbert, B.P. *see* Caccamise, D.J. 16103
Halle, A.von *see* von Halle, A.
Halle, K.S. *see* Kocarev, L. 27108
Halle, M.W. *see* Klug, M.A. 36047
Halleck, D. Deep Dish TV: community video from geostationary orbit 46252
Hallen, A. *see* Brammer, R. 19750
Hallen, A. *see* Keskitalo, N. 19330
Hallen, A. *see* Linnros, J. 19802
Haller, B.R., Hesketh, J.A. Large steam turbine retrofitting to improve performance 47758
Haller, E.E. Semiconductor isotope engineering 19501
Haller, E.E. *see* Aubourg, E. 19925
Haller, E.E. *see* Itoh, K.M. 19322
Haller, E.E. *see* Knowlton, W.B. 19422
Haller, E.E. *see* Moll, A.J. 2045
Haller, E.E. *see* Moll, A.J. 19535
Haller, E.E. *see* Moll, A.J. 42638
Haller, E.E. *see* Young, B.A. 24033
Haller, M.I., Khuri-Yakub, B.T. 1-3 composites for ultrasonic air transducers 16070
Halleran, T.M. *see* Palmer, J.A. 32429
Hallet, W.L. *see* Ditizio, R.A. 2201
Hallewell, G. *see* Abe, K. 7260
Hallewell, G. *see* Abe, K. 15619
Hallewell, G. *see* Abe, K. 46930
Hallewell, G.D. Long-term, efficient RICH detector operation with TMAE 46913
Hallgren, A. *see* Adam, W. 7259
Hallgren, A. *see* Adam, W. 31715
Hallgren, A. *see* Adam, W. 46929
Halliday, M. *see* Davenport, G. 46251
Hallisey, B.S. *see* Gazeley, W.G. 10343
Halliwell, M. *see* Walker, J.B. 15816
Halliwell, N.A. *see* Kaufmann, G.H. 23944
Halliwell, N.A. *see* Lawson, N.J. 12492
Hallmann, G.W. Planning for steam generator replacements at Duke Power 32614
Hallock, R. *see* Bernacki, S. 35199
Halloran, J.W. *see* Bride, J.A. 18303
Halloran, P., Brazil, T.J. A convolution-based black-box approach for incorporating linear circuit blocks described by frequency-domain data into a nonlinear transient time-domain simulator 962
Halls, J.J.M. *see* Marks, R.N. 28655
Halme, A. *see* Koskinen, K. 13383
Halmshaw, R. Radiography with microfocus X-ray equipment 33776
Halozan, S. *see* Lee, I. 36877
Halperin, A. The $[SiO_4/M]^\circ$ centers (M=Li or Na) and some physical properties related to these centers in quartz 43178
Halpern, B. *see* Golz, J. 15038
Halpern, E.S. *see* Wattenbarger, B.L. 21666
Halpern, H.M. *see* Teti, J.G., Jr. 23197
Halpern, J. *see* Franta, W.R. 30501
Halpern, J.Y., Tuttle, M.R. Knowledge, probability, and adversaries 485
Halpert, G., Surampudi, S., Shen, D., Huang, C.-K., Narayanan, S., Vamos, E., Perrone, D. Status of the development of rechargeable lithium cells 32998
Halpert, G. *see* Huang, C.-K. 17198
Halpert, G. *see* Ratnakumar, B.V. 25634
Halpert, G. *see* Ratnakumar, B.V. 48095
Halpert, G. *see* Shen, D.H. 17209
Halpert, G. *see* Shen, D.H. 17247
Halpert, G. *see* Surampudi, S. 33014
Halpin, S.M., Gross, C.A., Grigsby, L.L. An improved method of including detailed synchronous machine representations in large power system models for fault analysis 32178
Halpin, S.M. *see* Brooks, D.L. 47859
Halsall, F. *see* Ahmad, R. 5158
Halsall, F. *see* Ahmad, R. 5304
Halsall, F. *see* Ahmad, R. 5443
Halsall, F. *see* Ahmad, R. 13980
Halsall, F. *see* Nobles, P. 29189
Halsall, F. *see* Weaver, E.T. 5502
Halsall, F. *see* Wong, P. 22563
Halsey, M.J. Developments in digital video transmission via satellite 14548
Halskov Madsen, K., Aiken, P.H. Experiences using cooperative interactive storyboard prototyping 6247
Halstead, T. *see* Jagadish, C. 719
Haltiner, E.W. High energy utilisation with reduced emission in combined heat-and-power systems 40036
Halton, K.C. The evolution and future of Group 3 facsimile standards 22494
Halton, K.C. The Group 3 facsimile protocol 22495
Halversen, S.D. *see* Kreithen, D.E. 6116
Halversen, S.D. *see* Kreithen, D.E. 23128
Halversen, S.D. *see* Kreithen, D.E. 23142
Halverson, C.A., Harwood, K., Davis, T.J., Brinton, C.R. A systems approach to design: developing a usable automation tool for air traffic control 39321
Halverson, D.R. *see* Liu, W. 13240
Halverson, K.J. *see* Wong, J.W. 15907
Halzen, F., Jacobsen, J.E., Zas, E. Possibility that high energy neutrino telescopes could detect supernovae 38847
Ham, E.W.M.van der *see* van der Ham, E.W.M.
Ham, F.P.G.M.van *see* van Ham, F.P.G.M.
Ham Jae Won *see* Jae Won Ham
Hama, H., Yamamoto, H., Sakuma, S., Takatsuka, K., Yamauchi, T. Surface flashover characteristic of disc-type spacer system initiated by wedge shaped gas gap and its improvement 25042
Hama, H., Yamazaki, J., Isoyama, G. FEL experiment on the UVSOR storage ring 43969
Hama, H. *see* Kanaya, N. 15318
Hama, H. *see* Tamura, K. 23979
Hama, K. *see* Fukuda, H. 27843
Hamabe, T. CG simulation for lighting design 40647
Hamacher, H.W. *see* Fischetti, M. 18023
Hamacher, M. *see* Weber, R. 3376
Hamad, H.A., Massara, R.E. A macromodeling approach to the synthesis of analog circuits using circuit decomposition and numerical circuit analysis 9911
Hamada, A., Takeda, E. Hot-electron trap energy reduction under compressive mechanical stress MOSFETs 28134
Hamada, A., Takeda, E. Hot-electron trapping activation energy in PMOSFET's under mechanical stress 42943
Hamada, A. *see* Sakai, T. 17311
Hamada, H. Color reproduction in LCD 35505
Hamada, H., Chiba, J. Control of prosodic features for keyword emphasis in a text-to-speech synthesizer 4582
Hamada, H., Chiba, J. Speech controller with GUI for a text-to-speech synthesizer and its application in designing an interface for keyword emphasis 36595
Hamada, H., Hiroyama, R., Honda, S., Shono, M., Yodoshi, K., Yamaguchi, T. AlGaInP strained multiple-quantum-well visible laser diodes ($\lambda_f \leq 630$ nm band) with a multiquantum barrier grown on misoriented substrates 12172
Hamada, H., Hishii, T. Fault localization using voltage contrast image—development of Memory Fault Navigation (MEMOFAN) method 41890
Hamada, H., Ikenaga, T., Kawai, N., Namba, S. Hi-Vision audio graphics broadcasting 46226
Hamada, H., Nakaizumi, K., Sugimoto, M., Hishii, T. Memory failure analysis with an expert system 41891
Hamada, H., Namba, S. A study of coding parameters and objective picture quality scale for high definition still pictures coded by JPEG scheme 45238
Hamada, H. *see* Nagano, T. 20261
Hamada, H. *see* Shibatani, T. 23831
Hamada, H. *see* Tsujide, T. 34076
Hamada, H. *see* Yamane, N. 13587
Hamada, K. *see* Inoi, T. 20107
Hamada, K. *see* Sano, M. 20106
Hamada, M., Kumanoya, M., Ishii, M., Kawagoe, T., Niiro, M. A high-speed boundary search Shmoo plot for ULSI memories 10152
Hamada, M. *see* Fijita, I. 11592
Hamada, M. *see* Fujiwara, E. 21600
Hamada, N., Helleseth, T., Ytrehus, O. A new class of nonbinary codes meeting the Griesmer bound 21625
Hamada, N., Sakai, T. High power Q-switched CO_2 laser based on a fast axial gas flow system 11943
Hamada, N. *see* Ino, K. 29658
Hamada, N. *see* Kawasaki, S. 21761
Hamada, N. *see* Sakurai, M. 29656
Hamada, S., Hashimoto, H., Tsuchida, H., Nakazato, Y., Tonegawa, S. High performance and small sized helix TWT for satellite communication earth station 19310
Hamada, S., Michihira, M., Nakaoka, M. Using a tapped inductor for reducing conduction losses in a soft-switching PWM DC-DC converter 8555
Hamada, S., Nagai, S., Michihira, M., Nakaoka, M. Extended versions of saturable reactor-assisted ZVS-PWM DC-DC power converters 32919
Hamada, S., Ogino, Y., Nakaoka, M. A saturable reactor-assisted soft switching PWM DC-DC converter 8506
Hamada, S. *see* Oshida, K. 19311
Hamada, S. *see* Yokoyama, M. 46720
Hamada, T., Matsumoto, S., Murakami, H. Coding performances of the direct composite coding scheme based on intraframe Hadamard transform 46206
Hamada, T. *see* Hiroi, T. 17950
Hamada, T. *see* Matsumoto, S. 6199
Hamada, T. *see* Sugibayashi, T. 26919
Hamada, T. *see* Sugibayashi, T. 26954
Hamada, Y. Wide aspect imaging from the perspective of production 23321
Hamada, Y. Recent development trends of TFT color LCD for notebook and subnotebook type personal computers 23823
Hamada, Y. *see* Fujisawa, A. 31575
Hamada, Y. *see* Saito, S. 38616
Hamada, Y. *see* Tsutsui, T. 35589
Hamada, Y. *see* Uchida, S. 32444
Hamade, T. *see* Horii, K. 5925
Hamadene, S., Lepeltier, J.-P. Equilibrium points in nonzero sum stochastic differential games 33471
Hamaguchi, C. *see* Berthold, G. 42536
Hamaguchi, C. *see* Deen, Q. 42584
Hamaguchi, C. *see* Kamakura, Y. 42398
Hamaguchi, C. *see* Miyatake, T. 46448
Hamaguchi, C. *see* Quazi Deen Mohd Khosru 42570
Hamaguchi, H. *see* Shimada, Y. 9248
Hamaguchi, K. *see* Higuchi, H. 18613
Hamaguchi, M. *see* Nakamura, Y. 9317
Hamaguchi, S. *see* Nakamura, S. 21679
Hamaguchi, T. *see* Matsuda, R. 43558
Hamaide, J.-P., Brun, E., Audouin, O., Biotteau, B. Experimental demonstration of second-order average soliton propagation in an optical fiber over several soliton periods 20339
Hamaide, J.-P. *see* Kivshar, Y.S. 38048
Hamaide, J.-P. *see* Prigent, L. 20302
Hamajima, T. *see* Shimada, M. 35292
Hamakawa, R., Sakagami, H., Rekimoto, J. Audio and video extensions to graphical user interface toolkits 5338
Hamakawa, Y., Ma, W., Okamoto, H. Recent progress in amorphous silicon solar cells and their technologies 25689
Hamakawa, Y., Okamoto, H. Amorphous and microcrystalline SiC as new synthetic wide gap semiconductors 10677
Hamakawa, Y. *see* Togami, Y. 46489
Hamakawa, Y. *see* Xu, Z. 17391
Hamakawa, Y. *see* Zhongyang Xu 25705
Hamaker, R.W. *see* He, S.S. 11227
Hamaker, R.W. *see* He, S.S. 42947
Hamalainen, J., Jokiaho, T. GSM access to Internet 45611
Hamalainen, M., Lipping, T., Neuvo, Y. Trends in nonlinear signal processing 36748
Hamalainen, M.S. *see* Ahonen, A.I. 24214
Hamalainen, M.S. *see* Ahonen, A.I. 31919
Hamam, Y. *see* Hongbing Zhang 16823
Hamamatsu, T., Mimaki, T. Current status and perspective on energy saving technology 25856

Hamamoto, K., Shiina, T. Investigation on maximum entropy image restoration of limited angle diffraction tomography 15825
Hamamoto, K., Sugou, S., Komatsu, K., Kitamura, M. Extremely low loss 4×4 GaAs/AlGaAs optical matrix switch 3168
Hamamoto, K. *see* Takeuchi, H. 48453
Hamamoto, R. *see* Sato, K. 18734
Hamamoto, T. *see* Hasegawa, T. 26920
Hamamoto, T. *see* Hasegawa, T. 26952
Hamamoto, T. *see* Izawa, T. 23722
Hamamoto, T. *see* Yamagata, T. 18737
Hamamoto, Y., Kanaoka, T., Tomita, S. On a theoretical comparison between the orthonormal discriminant vector method and discriminant analysis 22057
Hamamoto, Y., Kanaoka, T., Tomita, S. A theoretical study on the orthonormal discriminant vector method for pattern recognition 37007
Hamamoto, Y., Takeuchi, A., Ochi, A., Yoneyama, M., Kobayashi, M. Time-reversal nonlinear emphasis applied to analog HDVCR 38301
Hamanaka, S. *see* Kobayashi, T. 46208
Hamann, C. *see* Reinhardt, C. 892
Hamann, J., Wiegartner, G. Avoidance of torsional oscillations in servo controlled machine tools 33167
Hamann, N., Braun, G., Urban, H.-J. A new Fastbus-VMEbus interface and its use in the JETSET experiment at LEAR 7271
Hamano, T., Ishii, K., Yasuno, T. Structure from motion by voting algorithm 22265
Hamano, T. *see* Suzuki, A. 10173
Hamano, Y. *see* Kobayashi, T. 44789
Hamanoue, K. *see* Nagamura, T. 6581
Hamao, N. *see* Tajima, K. 29013
Hamao, N. *see* Tajima, K. 30587
Hamasaki, K. *see* Zhen Wang 19073
Hamatake, N. *see* Inoue, T. 27000
Hamatake, N. *see* Inoue, T. 41936
Hamazumi, H., Ito, Y., Miyazawa, H. Adaptive weighted code division multiplexing (AW-CDM) transmission system for terrestrial digital television broadcasting 46182
Hambaba, M. *see* Evenson, A. 21646
Hambitzer, G., Dreher, J., Dunger, J., Schriever, U. Li/$LiCoO_2$ in inorganic electrolyte solution 17203
Hamblen, D.P. Miniature aspheric lenses with spherical index gradients 35541
Hamblin, D.J. *see* Baines, T.S. 26131
Hambly, R.M. Chicago O'Hare International Airport differential GNSS trials for airport surface surveillance 39324
Hambrusch, S.E., Tu, H.-Y.T. New algorithms for minimizing the longest wire length during circuit compaction 41558
Hambrusch, S.E. *see* Frederickson, G.N. 2620
Hamburgen, R. *see* Jouppi, N.P. 26965
Hamdan, A.M.A. *see* Abed, E.H. 39452
Hamdan, A.M.A. *see* Hamdan, H.M.A. 39534
Hamdan, H.M.A., Hamdan, A.M.A. The use of decentralized measures of mobility of modes for feedback signal selection and optimum siting of power system stabilizers 39534
Hamdani, F. *see* Stochr, M. 9645
Hamdi, M. High-speed bridges for fiber optic local area networks 23068
Hamdi, N. *see* Aguili, T. 36307
Hamdy, E. *see* Chen, J. 18697
Hamdy, W.M., Humblet, P.A. Sensitivity analysis of direct detection optical FDMA networks with OOK modulation 6058
Hamed, H.G. *see* Ahmed, F.I. 40176
Hamed, S.A. Steady-state modelling of a uniform pulse-width modulated single-phase AC-to-DC converter-fed DC motor drive 8824
Hamed, S.A., Chalmers, B.J. Performance of variable-speed DC drive with sinusoidal PWM control 8807
Hamed, S.A., Shaderma, M. Modelling and implementation of a sinusoidal-pulse-width-modulated DC drive system 25863
Hameda, H. *see* Kirkeby, O. 23354
Hameetman, G.J., Dekker, G.J. The development procedures and tools applied for the attitude control software of the Italian satellite SAX 32024
Hameetman, R.A. *see* Blomgren, J.C. 32604
Hamel, H., Kadakia, S., Bhatia, H. Capacitance test technique for the MCM of the 90s 9278
Hamel, J. *see* Cheron, B. 43769
Hamel, J.S. An accurate quasi-static method for determining the excess phase shift in the base region of bipolar transistors 11180
Hamel, J.S. Non-quasi-static modeling of neutral region AC photo currents in integrated photodiode detectors 28677
Hamel, L.-A. *see* Savard, P. 31670
Hamel de Monchenault, G. *see* Aleksan, R. 46903
Hamelin, R. *see* Elkadi, H. 3603
Hamelink, J.J. *see* Schipper, W.J. 3325
Hamell, R.L., Kuhnle, P.F., Sydnor, R.L., Dick, G.J., Kirk, A., Diener, W.A. Improving noise in measurement systems [frequency standards] 23398
Hamer, W.C. ATM has it all 5318
Hamers, R.J. *see* Bronikowski, M.J. 9654
Hamersma, B., Prinsloo, J.A., Jordaan, C.J.P. A systems approach to network security in private ISDN 14290
Hamery, P. *see* Bruneau, M. 32134
Hames, G.A., Wortman, J.J., Beck, S.E., Bohling, D.A. Degradation of rapid thermal oxides due to the presence of nitrogen in the oxidation ambient 34720
Hameury, H. *see* Mokhtari, M. 24757
Hamiane, M. *see* Yamani, A. 21438
Hamid, M. *see* Hussein, M. 36167
Hamida, A.B., Bremond, G., Garcia Perez, M.A., Guillot, G., Azoulay, R., Chertouk, M., Clei, A. Defect characterization of GaAs/InP layers and MESFET devices by admittance and photoluminescence spectroscopies 34518
Hamida, N.B., Kaminska, B. Multiple fault analog circuit testing by sensitivity analysis 9234
Hamida, N.Ben *see* Ben Hamida, N.
Hamida Naim Ben *see* Naim Ben Hamida
Hamidi, S. *see* Fayn, J. 15884
Hamidi, S. *see* Simeonidou, D. 35958
Hamidi, S.M., Adhami, R.R. Wavelet transform for image data compression 45156
Hamidi-Hashemi, H., Shiva, M. Design of optimal frequency sampling filters by the method of Lagrange multipliers 10253
Hamidian, K. Closed-form of the power spectral density for full response M-ary CPFSK modulation 44652
Hamill, D.C., Bateson, K.N. Design-oriented analysis of a resonant ZVS/ZCS DC-DC converter 16971
Hamilton, A. *see* Moreno, L. 47097
Hamilton, B. *see* Anderson, D.R. 7064
Hamilton, B. *see* Caussyn, D.D. 7026
Hamilton, B. *see* Caussyn, D.D. 38778
Hamilton, B. *see* Ellison, M. 38779
Hamilton, B. *see* Huang, H. 23976
Hamilton, B. *see* Lee, S.Y. 7040
Hamilton, B. *see* Li, D. 6973
Hamilton, B. *see* Thrush, E.J. 9630
Hamilton, B.J., Ball, M.S., Ellison, T.J.P. Betatron ping tune measurement system for the IUCF cooler synchrotron/storage ring 46783
Hamilton, C.E. *see* Fisher, C.H. 20716
Hamilton, D., Colvard, C. Sub-nanometer microscopy the easy way: an underutilized tool for reliability assurance 34487
Hamilton, H., Anderson, R., Goodson, K. Integrated read/write head/flexure/conductor structure for contact perpendicular recording 2831
Hamilton, J.H. *see* Cormier, T.M. 24114
Hamilton, J.H. *see* Cormier, T.M. 24116
Hamilton, J.J., Pang, Y., Richard, J.-P. Output beam intensity noise induced by fibre perturbations in a fiber-linked laser 3705
Hamilton, L.D. New York MARKAL: an evaluation of carbon dioxide emission control strategies in New York state 32520
Hamilton, N. *see* Chua, L.O. 18448
Hamilton, P.S. A comparison of algorithms for ambulatory ECG compression with fixed average data rate 24316
Hamilton, R., Hayward, G. The design of low volume fraction 1-3 connectivity composite transducers using finite element modelling techniques 16044
Hamilton, R.A. Building a wide-area 800-MHz trunked radio system [for electric utility] 5759
Hamilton, R.J. *see* Grant, P.M. 13793
Hamilton, W.O. *see* Solomonson, N. 31208
Hamina, M., Saranen, J. On the spline collocation method for the single-layer heat operator equation 41135
Hamitouche, M., Achour, K. Estimation of motion parameters of mobile robot by matching 2D primitives in images sequence 13726
Hamling, D.T. A 3 GHz, 144 point probe fixture for automatic IC wafer testing 11266
Hamling, D.T. A probe fixture for wafer testing high-performance data acquisition integrated circuits 38392
Hamm, P., Lauterwasser, C., Zinth, W. Generation of tunable subpicosecond light pulses in the midinfrared between 4.5 and 11.5 μm 20994
Hamm, R.A. *see* Bernussi, A.A. 42501
Hamm, R.A. *see* Chandrasekhar, S. 35623
Hamm, R.A. *see* Chandrasekhar, S. 43639
Hamm, R.A. *see* Cotta, M.A. 9595
Hamm, R.A. *see* Cotta, M.A. 18224
Hamm, R.A. *see* Feygenson, A. 10475
Hamm, R.A. *see* Ritter, D. 2053
Hamm, R.A. *see* Temkin, H. 18232
Hammack, H. *see* Abbott, B. 7245
Hammack, H. *see* Anderson, J.A. 24244
Hammack, H. *see* Nelson, G.S. 24245
Hammainen, H. *see* Mantyla, R. 30341
Hammam, M.S.A.A. *see* Yamashita, H. 32439
Hammarlund, B. *see* Ouacha, A. 19784
Hammarlund, B. *see* Quacha, A. 19773
Hammel, E. *see* Loschner, H. 27920
Hammer, D.A. *see* Qi, N. 3417
Hammer, D.A. *see* Ueda, M. 7129
Hammer, E.A. Flare gas metering and high pressure gas metering using ultrasonic sensors 46679
Hammer, E.E., Nerone, L. Performance characteristics of an integrally ballasted 20-W fluorescent quad lamp 17597
Hammer, F. Dry type condenser bushings for HVDC 47471
Hammer, J.M. *see* Guilfoyle, P.S. 20459
Hammer, M., Juchter, H. Computer-aided network planning for PDH and SDH networks 37165
Hammerschmidt, D., Schnatz, F.V., Brockherde, W., Hosticka, B.J., Obermeier, E. A CMOS piezoresistive pressure sensor with on-chip programming and calibration 31210
Hammersley, V.L., Holloway, K. Measurements on field-qualified 10000 Amp-hr lithium/thionyl chloride submodules 40396
Hammersmith, K. Improving precipitator performance by observing the details [thermal power station air pollution control] 32675
Hammerstrom, D., Rehfuss, S. Neurocomputing hardware: present and future 18943
Hammes, P.C.A., Regtien, P.P.L., Sarro, P.M. A pyroelectric matrix sensor using PVDF on silicon containing FET readout circuitry 6491
Hammett, R. Onboard diagnostics of avionics for fault tolerance and maintenance 24418
Hammett, R. An alternative approach to avionics diagnostics algorithms 39170
Hammetter, B. *see* Bernacki, S. 35199
Hammiche, A., Webb, R.P., Wilson, I.H. A novel bimorph-type actuator for use in scanning probe microscopes 14996
Hammond, G.C. *see* Corser, G.A. 38472
Hammond, J. A practical solution for low-cost, high performance MCMs 9247
Hammond, J.L. *see* Tipper, D. 37499
Hammons, A.R., Jr., Kumar, P.V. On a recent 4-phase sequence design for CDMA 5181
Hammons, A.R., Jr., Kumar, P.V., Calderbank, A.R., Sloane, N.J.A., Sole, P. On the apparent duality of the Kerdock and Preparata codes 12845
Hammons, B.E. *see* Wendt, J.R. 27551
Hammons, T.J., McGill, J.F. Comparison of turbine-generator shaft torsional response predicted by frequency domain and time domain methods following worst-case supply system events 25382
Hammons, T.J., Olsen, A., Kacejko, P., Leung, C.L. Proposed Iceland/United Kingdom power link—an indepth analysis of issues and returns 24901
Hammou, A., Djurado, E., Roux, C., Micheau, C. Structural, thermal and electrical properties in the system ZrO_2-Y_2O_3-RuO_2 17329
Hammou, A. *see* Pagnier, T. 17368
Hammou, A. *see* Scotti, C. 1868
Hammoud, A.N., Baumann, E.D., Overton, E., Myers, I.T., Suthar, J.L., Khachen, W., Laghari, J.R. High temperature dielectric properties of Apical, Kapton, PEEK, Teflon AF, and Upilex polymers 43150
Hammoud, A.N. *see* Stavnes, M.W. 39305
Hamon, L. *see* Clesca, B. 14645
Hamouda, R.M. *see* Iravani, M.R. 24699
Hamouda, R.M. *see* Mohamed, E.A. 39537
Hampden-Smith, M.J., Kodas, T.T. Copper etching: new chemical approaches 19640
Hampden-Smith, M.J. *see* Corbitt, T.S. 42723
Hampden-Smith, M.J. *see* Droes, S.R. 27688
Hampden-Smith, M.J. *see* Farkas, J. 34795
Hampden-Smith, M.J. *see* Jain, A. 19653
Hampden-Smith, M.J. *see* Jain, A. 19661
Hampden-Smith, M.J. *see* Jain, A. 27800
Hampden-Smith, M.J. *see* Jain, A. 34796
Hampikian, P., Khatir, Z. The charge injection control (CIC) diodes: an original concept to improve fast power rectifiers 2432
Hampp, A. *see* Ertel, J. 17796
Hampp, N., Zeisel, D. Mutated bacteriorhodopsins—versatile media in optical image processing 42335
Hampp, N. *see* Brauchle, C. 20281
Hampsch, T. *see* Ramos, A. 7519
Hampson, B.M. *see* Eyuboglu, B.M. 15842
Hampton, B.F. *see* Sellars, A.G. 43164
Hampton, D.S. *see* Weber, J.K.R. 39426
Hampton, R.N. *see* Julian, K. 16372
Hampton, W.R. Improving LAN security and auditing using Novell NetWare version 4.0 45523
Hamri, A. *see* Bernstein, A. 31661
Hamri, A. *see* Wang, M.-Z. 31689
Hamrouni, Z. *see* Zagrouba, E. 13712
Hams, B.H. *see* Horsthuis, W.H.G. 43506
Hamstad, M.A., Sendeckyj, G.P. Acoustic emission technology for smart structures 916
Hamstad, M.A. *see* Fortunko, C.M. 14954
Hamwi, A., Al Saleh, I. Graphite oxyfluoride: behaviour as electrode material in lithium batteries 48041
Hamy, M. *see* Glumineau, A. 8322
Hamzaoui, B. *see* Berroung, A. 2733
Hamzehoost, A. *see* Culver, R. 26194
Han, B., Ifju, P., Post, D. Geometric moire methods with enhanced sensitivity by optical/digital fringe multiplication 6811
Han, B.S. *see* Yan, L.G. 25331
Han, C.-C., Fan, K.-C. Skeleton generation of engineering drawings via contour matching 45099
Han, D., Melcher, D.C., Schiff, E.A., Silver, M. Optical-bias effects in electron-drift measurements and defect relaxation in *a*-Si:H 3316

Han, D., Wang, K., Silver, M. Transient forward bias currents in a-Si:H p-i-n devices 34898
Han, D. *see* Vanderhaghen, R. 35586
Han, D. *see* Wang, K. 35604
Han, D.S. *see* Choi, Y.S. 38270
Han, H. *see* Cockerill, T.M. 43853
Han, I.K. *see* Choi, W.J. 42708
Han, J., Jensen, K.F. Combined experimental and modeling studies of laser-assisted chemical vapor deposition of copper from copper(I)-hexafluoroacetylacetonate trimethylvinylsilane 34814
Han, J., Senzaki, Y., Gladfelter, W.L., Jensen, K.F. Laser assisted CVD of aluminium from a novel liquid alane precursor 42783
Han, J. *see* Ding, J. 3322
Han, J. *see* Fan, Y. 1848
Han, J. *see* Fan, Y. 42425
Han, J. *see* Grillo, D.C. 3647
Han, J. *see* Grillo, D.C. 28811
Han, J. *see* Hovinen, M. 12219
Han, J. *see* Salokatve, A. 12146
Han, J. *see* Salokatve, A. 20767
Han, K.J. *see* Abbate, A. 11441
Han, M.-K. *see* Lee, J.-H. 43198
Han, M.K. *see* Chung, I.J. 11226
Han, M.K. *see* Hwang, J.R. 28150
Han, M.K. *see* Lee, S.K. 28151
Han, M.K. *see* Lee, S.K. 34999
Han, M.K. *see* Min, B.H. 28523
Han, M.K. *see* Oh, C.H. 11228
Han, S.C. *see* Woskov, P.P. 38661
Han, S.D. *see* Campet, G. 27489
Han, S.S. *see* Xu, Z.Z. 35688
Han, S.W. *see* Jong-Wan Park 34661
Han, T.P.J. *see* De La Rue, R.M. 3866
Han, T.S., Verdu, S. Spectrum invariancy under output approximation for full-rank discrete memoryless channels 29418
Han, W.S., Lee, J.H., Kang, H.Y., Park, C.G., Koh, Y.B., Lee, M.Y. Optimization of deep UV positive tone top surface imaging process 28032
Han, W.Y., Lee, H.S., Lu, Y., Cole, M.W., Casas, L.M., DeAnni, A., Jones, K.A., Yang, L.W. Microstructure analysis of thermally stable ohmic contact to both n and p^+-GaAs 19427
Han, W.Y. *see* Lee, H.S. 1937
Han, W.Y. *see* Yang, L.W. 11167
Han, Y.-S. *see* Garnier, S.J. 7352
Han, Y.S., Hartmann, C.R.P., Chih-Chieh Chen Efficient priority-first search maximum-likelihood soft-decision decoding of linear block codes 36505
Han Aimin, Wang Yujun, Wang Haiping Electrical parameters of MOSFET under strong surface electric field and low temperature 2515
Han Bao-Shan *see* Tang Gui-De 28365
Han Chaolin *see* Chaolin Han
Han Chi-Guen *see* Chi-Guen Han
Han Chin-Chuan *see* Chin-Chuan Han
Han Chul-Hi *see* Chul-Hi Han
Han Chunlin, Xiang Jingcheng, Huang Shunji A spaceborne synthetic aperture radar system simulation model 23155
Han Daxing *see* Daxing Han
Han Dejun *see* Li Guohui 42661
Han Dongil *see* Dongil Han
Han Genglin *see* Nin Zhiming 23906
Han Guo-qiang Spline finite difference methods and their extrapolation for singular two-point boundary value problems 9447
Han Hong *see* Zhong Ming 28723
Han Il Song *see* Il Song Han
Han Jae Won *see* Jae Won Han
Han Jaesung *see* Jaesung Han
Han Jung *see* Jung Han
Han Jungang Expressing temporal logic in higher-order logic and its applications 41764
Han Jungang *see* Huo Hongwei 1207
Han Kai *see* Zhong Ming 28723
Han Kim Yi *see* Yi Han Kim
Han Kim Yong *see* Yong Han Kim
Han Kyu Park *see* Keun Wook Jung 46608
Han Kyu Park *see* Young Joong Yoon 7661
Han Li *see* Li Han
Han Li-Xing On the convergence properties of an ODE algorithm for unconstrained optimization 18093
Han Lin *see* Lin Han
Han Min Kim *see* Hayashi, S. 10937
Han Min Koo *see* Min Koo Han
Han Min-Koo *see* Min-Koo Han
Han Quansheng *see* Zhu Zhenhe 20933
Han S. Kim *see* Jae S. Yoo 20916
Han Sang-Kook *see* Sang-Kook Han
Han Seon Kyeong *see* Seon Kyeong Han
Han Seung Jo *see* Seung Jo Han
Han Shen-sheng *see* Shen-sheng Han
Han Shu Data encryption and decryption system using multiple-valued logic array 4375
Han Shubin, Xu Xinmin Noiseless electricity—saving technology of AC contactors 17128
Han Siyuan *see* Siyuan Han
Han Sung Wook *see* Sung Wook Han
Han Sunyoung *see* Sunyoung Han
Han Tack Don *see* Tack Don Han
Han Tak Don *see* Tak Don Han
Han Woo-Sung *see* Woo-Sung Han
Han Xiaodong *see* Xiaodong Han
Han Xiaoyan *see* Han Zhenxiang 32204
Han Xiaoying *see* Ruan Yingzheng 12750
Han Xisheng *see* Xisheng Han
Han Yanmei *see* Zhang Shulian 11947
Han Yong *see* Yong Han
Han Yong-Su *see* Kim Sang-Bae 3580
Han Yu-xiang *see* Yu-xiang Han
Han Zhengfu *see* Zhengfu Han
Han Zhenxiang, Han Xiaoyan Parallel processing and its application to power systems 32204
Han Zhenxiang, Wen Fushuan The survey of the applications of expert systems to power systems 7700
Han Zhenxiang, Wen Fushuan The survey of the applications of expert systems to power systems 7727
Han-Ching Kuo, Yuan-Yih Hsu Distribution system load estimation and service restoration using a fuzzy set approach 32364
Han-Heung Kim, Seung Ho Hwang, Chong-Min Kyung A practical design method for instruction decoder PLAs for microprogrammed controllers 10076
Han-Kee Jang, Kwang-Joon Kim Identification of loudspeaker nonlinearities using the NARMAX modeling technique 31075
Han-Min Shi *see* Shi Han-Min
Han-Soo Kim *see* Byeong-Hoon Lee 42920
Han-Tzong Yuan *see* Chang, C.T.M. 26763
Han-ying Liu *see* Liu Han-ying
Hanabata, M. Novolac-based resists 42808
Hanabata, M. *see* Hanawa, R. 11067
Hanabusa, M. *see* Kawai, T. 10969
Hanada, H. *see* Kurosawa, M. 16903
Hanada, I. *see* Nagai, S. 48476
Hanada, M. *see* Inoue, T. 38830
Hanada, M. *see* Mizuno, M. 46699
Hanada, M. *see* Pamela, J. 46734
Hanada, M. *see* Watanabe, K. 38831
Hanada, S.-I. *see* Morioka, Y. 16228
Hanada, T. *see* Ishikawa, M. 48066
Hanafi, H.I., Noble, W.P., Bass, R.S., Varahramyan, K., Lii, Y., Dally, A.J. A model for anomalous short-channel behavior in submicron MOSFETs 42957
Hanafusa, H. *see* Matsuyama, T. 9687
Hanagama, Y. *see* Nakamura, T. 43061
Hanagata, T. *see* Kobayashi, A. 31317
Hanai, H. *see* Fukunaga, C. 46852
Hanai, H. *see* Saitoh, Y. 7254
Hanai, H. *see* Saitoh, Y. 46854
Hanai, H. *see* Tanaka, M. 46975
Hanai, M. *see* Ito, H. 42757
Hanajima, N. *see* Yanagita, Y. 25913
Hanaki, H., Ohsawa, S., Asami, A., Takahashi, T. Computer design of coupler cavities for a travelling-wave-type buncher 15436
Hanaki, S. *see* Matsui, T. 46258
Hanamoto, K. *see* Shoji, M. 7121
Hanamoto, T., Tanaka, Y., Karube, I., Mochizuki, T. A parameter estimation method for DC servo motor drive systems using block pulse functions 25867
Hanamoto, T. *see* Xu, Z. 17014
Hanamura, S. *see* Tanaka, S. 27006
Hanamura, T., Sekiguchi, S.-I., Tominaga, H. Hierarchical video coding scheme using mean-separated normalized vector quantization 13586
Hananoki, R. *see* Okamoto, K. 26446
Hanaoka, K. Consideration for residual beam oscillation due to the noise of oscillation detector of transverse feedback system 7001
Hanaoka, K., Ohnishi, H., Tachibana, K. In situ measurement of gas-phase reactions in metal-organic chemical vapor deposition of copper films by Fourier transform infrared spectroscopy 9700
Hanaoka, R., Ishibashi, R., Kasama, M. Relationships of current and voltage in transformer oil accompanied with EHD motion under negative DC stresses 2730
Hanaoka, R., Ishibashi, R., Kasama, M. Positive breakdown mechanism in transformer oil subjected to a non-uniform DC field 25498
Hanaoka, T. *see* Kato, H. 33350
Hanas, G. *see* Moghbelli, H. 48380
Hanashima, S., Shozi, T., Shiozaki, Y., Saito, M., Oogane, Y., Sekiguchi, S. The control system for the JAERI tandem particle accelerator using transputers 23949
Hanatani, S., Nakamura, H., Tanaka, S., Ido, T., Notsu, C. Flip-chip InAlAs/InGaAs superlattice avalanche photodiodes with back-illuminated structures 28654
Hanatani, S. *see* Takai, A. 38118
Hanawa, F. *see* Oguchi, T. 5870
Hanawa, H. *see* Tsuji, H. 28422
Hanawa, R., Uetani, Y., Hanabata, M. Design of PACs for high-performance photoresists. II. Effect of number and orientation of DNQs and -OH of PACs on lithographic performances 11067
Hanawa, T. *see* Kumada, T. 11048
Hanayama, E., Takano, T. Investigation of radiation characteristics of large deployable antennas using a model antenna 4306
Hanayama, E., Takano, T. Analysis of radiation characteristics of a polyhedron approximate reflector antenna using the aperture integration method and the current distribution method 36404
Hanazaki, M. *see* Aoyama, S. 2360
Hanazaki, M. *see* Nishikawa, K. 27693
Hanazato, A. *see* Chen, J. 20156
Hance, R. *see* Kaushik, V. 28339
Hancock, E.R. *see* Wilson, R. 30051
Hancock, G.A. *see* Bereznai, G.T. 101
Hancock, L.R. Configuration management: solution for mid-life crisis 39780
Hancock, P.J.B. Pruning neural nets by genetic algorithm 5132
Hancock, S. *see* Danson, C.N. 3569
Hancox, C. *see* Chubb, J.N. 4160
Hanczor, M., Kumar, M. 12 kW S-band solid state transmitter for modern radar systems 6134
Hanczor, M., Kumar, M. 12-kW S-band solid-state transmitter for modern radar systems 46098
Hand, J.W. *see* Clibbon, K.L. 31969
Hand, L. *see* Moffat, D. 15431
Hand, S. *see* Jakobs, K. 37438
Handa, H. *see* Tamba, N. 34046
Handa, K. *see* Homma, Y. 38869
Handa, M. *see* Sasaki, Y. 48069
Handa, T., Iida, S., Utsunomiya, J. Thermal design for high-speed high-density multichip module 296
Handa, T., Tominaga, J., Haratani, S., Takayama, S. In-Ag-Te-Sb phase change recording media at compact disk linear velocity 20254
Handa, Y. *see* Endo, M. 12011
Handa, Y. *see* Kitaizumi, T. 31925
Handcock, M.S., Stein, M.L. A Bayesian analysis of kriging 18002
Handel, P., Nehorai, A. Tracking analysis of an adaptive notch filter with constrained poles and zeros 44988
Handel, P., Stoica, P., Soderstrom, T. Asymptotic variance of the AR spectral estimator for noisy sinusoidal data 29742
Handel, P. *see* Carlsson, B. 44831
Handel, P. *see* Stoica, P. 21823
Handel, P.H., Chung, T.H. Graphical representation of quantum 1/f mobility fluctuation spectra in silicon 10653
Handel, P.H., Xu, J. New aspects of collector quantum 1/f noise in BJTs 28113
Handel, P.H. *see* Walls, F.L. 20112
Handel, P.H. *see* Zhang, Y. 10641
Handel, R. Network concepts and Siemens products for ATM-based public networks 14004
Handerek, J. *see* Courtois, L. 6931
Handerek, J. *see* Gundel, H. 38803
Handerek, V.A. *see* Usman Ahmed, S. 35360
Handke, J., Hundschin, E., Linke, K., Sanders, H.-H. Coordination of the medium and long-term planning of the optimal operation of generating stations 47619
Handkiewicz, A. CMOS switched-voltage circuits for signal processing 10369
Handler, T. *see* Job, P.K. 31758
Handley, J.C. *see* Adams, J.D. 29362
Handley, M.J., Kirstein, P.T., Sasse, M.A. Multimedia integrated conferencing for European researchers (MICE): piloting activities and the conference management and multiplexing centre 14292
Handong Sun *see* Fangqiao Zhou 31231
Handong Sun *see* Fangqiao Zhou 38500
Handschin, E., Hoffmann, W., Reyer, F., Stephanblome, T., Schlucking, U., Westermann, D., Ahmed, S.S. A new method of excitation control based on fuzzy set theory 47424
Handschin, E. *see* Dondi, P. 24920
Handschin, E. *see* Makino, S. 17548
Handschy, M.A., O'Callaghan, M.J., Wand, M.D., Gaalema, S.D. Analog electro-optic modulators for ferroelectric-liquid-crystal/VLSI spatial light modulators 3212
Handzel, M. Rules of the game [object-oriented rule-based systems] 45796
Hane, K. *see* Hino, M. 38559
Hane, K. *see* Imanaga, S. 19827
Hane, K. *see* Torii, A. 27621
Hane, M. *see* Uchida, T. 27791
Hanebeck, J. *see* Hunt, T.D. 10881
Haneda, H. *see* Kimura, S. 18617
Haneda, H. *see* Kimura, S. 26880
Haneda, R., Tsuzurabara, H., Matsurra, T. Desktop conference system: The Collaborator 37612
Haneda, T., Wakabayashi, K., Yoshino, Y. Development of automatic edge-positioning technique for laser mask repairs 43059
Haneishi, M. *see* Miyajima, T. 5185
Haneishi, M. *see* Miyajuma, T. 13849
Haneka, H. *see* Tagawa, K. 1248
Hanekamp, L.J. *see* Lohner, T. 2060
Haneman, D. *see* Jafar, M. 34911
Hanen, J., Barba, D. High quality subband image coding of TV signals at 5 Mbit/s with motion compensation interpolation and visually optimized scalar quantization 38244
Haner, D.A., Menzies, R.T. Integrating sphere depolarization at 10 μm for a non-Lambertian wall surface: application to lidar calibration 23213
Haner, M. *see* Nykolak, G. 35447
Hanes, A.S. *see* Verbout, S.M. 7683

Haney, M.W. Self-similar grid patterns in free-space shuffle exchange networks 11783
Haney, M.W. The application of self similar patterns to opto-electronic shuffle/exchange network design 20494
Haney, S.J., Berger, K.W., Kubiak, G.D., Rockett, P.D., Hunter, J. Prototype high-speed tape target transport for a laser plasma soft-X-ray projection lithography source 27814
Haney, S.J. *see* Kubiak, G.D. 19687
Haney, S.J. *see* Tichenor, D.A. 27841
Hanford, A.T. *see* Foster, B. 31714
Hang, C. *see* Crowley, J.D. 27246
Hang, C. *see* Crowley, J.D. 42198
Hang, C. *see* Crowley, J.D. 42208
Hang, H.M. All digital HDTV and trends in video compression 46212
Hang, K.W. *see* Walker, A.T. 19153
Hang De-Xiang *see* De-Xiang Hang
Hang Hsueh-Ming *see* Hsueh Ming Hang
Hang Hu Experimental study of the alkalization model for the $PbSO_4$ anodic layer on lead/acid positive-plate grids 17221
Hang Jin, Vahldieck, R., Jifu Huang, Russer, P. Rigorous analysis of mixed transmission line interconnects using the frequency-domain TLM method 42245
Hang Yam Lai *see* Yam Lai Hang
Hangai, S. *see* Okada, T. 44657
Hangas, J. *see* Rimai, L. 864
Hanger, J.A., Choi, Y., Hirsch, A.S., Scharenberg, R.P., Stringfellow, B.C., Tincknell, M.L., Porile, N.T., Rai, G., Garbarino, J., McIntyre, R.J. A time-of flight detector based on silicon avalanche diodes 31668
Hanggi, A. Very special features [cordless telephones] 45468
Hangleiter, A., Grabmaier, A., Fuchs, G. Anomalous damping in MQW lasers due to slow inter well transport 20894
Hangleiter, A. *see* Eckel, M. 33591
Hangleiter, A. *see* Grabmaier, A. 37992
Hangleiter, A. *see* Tutken, T. 28807
Hanguang Shao *see* Shao Hanguang
Hanif, M. *see* Roy, A.K. 47486
Hanif, T., Sandler, M.B. A counter-based Hough transform system 29978
Hanifan, P. Real-time SCADA—a new approach 6355
Haniotakis, T., Nikolos, D., Paschalis, A., Gizopoulos, D. Totally self-checking checkers for Berger codes 26810
Hanitsch, R., Choi, D.-S. Axial flux permanent magnet motor with etched windings and magnetoresistive rotor position sensing 8282
Hanitsch, R., Choi, D.-S. Disc-type motor with etched windings and magnetoresistive rotor position sensing 40243
Hanitsch, R. *see* Heidrich, P. 40542
Hanitsch, R. *see* Johansson, T.B. 16909
Hanitzsch, C. *see* Tygel, M. 47232
Hanka, S. *see* Cutchin, I.H. 34064
Hanke, C. *see* Karstensen, H. 38117
Hanke, G. Microwave techniques improve multi Gbit/s circuitry for optical communication systems 23083
Hanke, G. *see* Dahlen, A. 33586
Hankins, K.T. *see* Sparks, D.R. 2449
Hankins, W.G., George, R.E. Economic advantages of improved SO_3 flue gas conditioning process 32696
Hankla, B.J. *see* Peterkin, F.E. 28625
Hanko, J.G. *see* Wall, G.A. 5381
Hankyung Bae *see* Huh, K. 17517
Hanley, J.J. *see* Kwun, H. 915
Hanly, J.M. *see* Aksoy, A. 31674
Hanmandlu, M., Suryanarayana, N.V. High-gain stabiliser for a multimachine power system 7792
Hannin Chen *see* Chen Hannin
Hann, D., Greated, C.A. Acoustic measurements in flows using photon correlation spectroscopy 31518
Hann Huei Tsai *see* Yan Kuin Su 34894
Hanna, D.C. *see* Hughes, D.W. 12056
Hanna, D.C. *see* Lauder, R.D.T. 3549
Hanna, D.C. *see* McCarthy, M.J. 20979
Hanna, J. *see* Yamamoto, M. 9711
Hanna, J.-I. *see* Endo, K. 18272
Hanna, J.P. Data standards: the link between design and test 23429
Hanna, K. *see* Dent, A. 1175
Hanna, M. *see* Smith, N. 15211
Hanna, M.A., Chikhani, A.Y., Salama, M.M.A. Thermal analysis of power cables in multi-layered soil. I. Theoretical model 16331
Hanna, M.A., Chikhani, A.Y., Salama, M.M.A. Thermal analysis of power cables in multi-layered soil. II. Practical considerations 16432
Hanna, M.A., Chikhani, A.Y., Salama, M.M.A. Modelling of underground cable systems in non-homogeneous soils 16338
Hanna, M.A., Chikhani, A.Y., Salama, M.M.A. Thermal analysis of power cables in multi-layered soil. III. Case of two cables in a trench 47532
Hanna, M.C. *see* Lu, Z.H. 2452
Hanna, S.M., Keane, J. Analysis of quadrature hybrids for accelerator applications 6976
Hanna, S.M., Stefan, P.M. Application of impedance measurement techniques to accelerating cavity mode characterization 6975
Hanna, V.F. *see* Achkar, J. 10421
Hanna, V Fouad *see* Fouad Hanna, V.
Hanna, W.A., Kiaskowitz, R.A., Wallace, L.N. Evaluating VHDL-based ASIC synthesis tools 18569
Hannah, J.R. *see* O'Hara, A. 3185
Hannah, M. *see* Slater, M. 26957
Hannam, A.G. *see* Tonndorf, M.L. 47109
Hannaman, D. *see* Gopi, P.K. 2448
Hannaman, G.W. *see* Singh, A. 39787
Hannan, M. *see* Grundbacher, R. 27545
Hanneborg, A. *see* Evensen, L. 24055
Hanneborg, A. *see* Nese, M. 1976
Hanneborg, A. *see* Ohlckers, P. 11278
Hanner, R.R., Donatelli, R.U. Full repowering utilizing advanced design combustion turbines 8182
Hannes, K., Mittelbach, G., Schreier, W. Low grade coal fired power station with staged fuel firing in combination with selective non-catalytic reduction of nitric oxides 47730
Hanni, W., Muller, C., Binggeli, M., Hintermann, H.E., Krebs, P., Grisel, A. Selective area deposition of diamond on 4 in Si wafers 9769
Hanninen, H. *see* Torronen, K. 16500
Hanninen, V. *see* Gustafsson, J. 46790
Hannuschke, S. *see* Fox, R. 46323
Hano, M., Kondo, M., Awai, I. Finite element analysis of excitation and transmission problems of magnetostatic forward volume wave 20166
Hano, M. *see* Dong, Y. 19008
Hano, M. *see* Takasugi, A. 19010
Hanqi Zhuang, Roth, Z.S., Kuanchih Wang Robot calibration by mobile camera systems 46344
Hanrahan, H.E., Cronje, B., Riphagen, I. A new PCM codec test method with reduced real-time and signal processing requirements 14314
Hanrahan, H.E. *see* Stacey, R.J. 14323
Hanrahan, M.J. *see* Birnie, D.P., III 11815
Hanratty, M.A. *see* Yen, A. 2274
Hans, V. High accuracy measuring method of absolute temperatures using thermistors 6832
Hans, V. New temperature measuring methods improving accuracy and dynamic behaviour of sensors 38445
Hansch, T.W. *see* Hemmerich, A. 44066
Hansch, W. *see* Abadeer, W. 35016
Hansch, W. *see* Rauner, J. 34704
Hansel, S.J. *see* Koga, R. 33915
Hansell, P.S. *see* Knight, D.J.E. 6294
Hansen, A. *see* Batrouni, G.G. 34320
Hansen, B.S. *see* Nielsen, T.G. 47489
Hansen, C.A. Three Mile Island nuclear station steam generator chemical cleaning 16566
Hansen, C.A. Wireless communications for mobile GIS 22860
Hansen, D. General EMC aspects and related management challenges 44452
Hansen, D. *see* Bernacki, B.E. 2935
Hansen, D.J. *see* Phadke, A.G. 47608
Hansen, J. *see* Kim, K. 21981
Hansen, J. *see* Kim, K. 23138
Hansen, J.D. *see* Hinkel-Lipsker, D.E. 4119
Hansen, J.H.L., Brin, O.N. Improved automatic recognition of speech in noise and Lombard effect 13127
Hansen, J.H.L., Nandkumar, S. Speech quality assessment of a real-time RPE-LTP vocoder 14313
Hansen, J.H.L. *see* Tun-Wen Pai 37001
Hansen, J.L. *see* Thomsen, E.V. 42632
Hansen, K. *see* Hahn, D. 35624
Hansen, M. *see* Dell'Acqua, A. 7283
Hansen, M. *see* Dell'Acqua, A. 46998
Hansen, M.W. *see* Fan, C. 43527
Hansen, P. *see* Kumar, A. 7994
Hansen, P.B., Giles, C.R., Ruyhon, G., Koren, U., Evangelides, S.J., Miller, B.I., Young, M.G., Newkirk, M.A., Delavaux, J.-M.P., Korotky, S.K., Veselka, J.J., Burrus, C.A. 8.2 Gbit/s, 4200 km soliton data transmission using a semiconductor soliton source 37985
Hansen, P.B. *see* Heismann, F. 34593
Hansen, P.B. *see* Heismann, F. 38093
Hansen, P.Molback *see* Molback Hansen, P.
Hansen, R., Deming, R. ASIC design techniques synchronize dual clocks in high-speed designs 11448
Hansen, R.C. Comment on "Incompleteness of the periodic moment method": correction 36352
Hansen, R.C., Libelo, L.F. Near field patterns of circular aperture antennas 4259
Hansen, R.C., Libelo, L.F. Near-field patterns of circular aperture antennas 21479
Hansen, S. *see* Clark, E. 24010
Hansen, S. *see* Hojvat, C. 31779
Hansen, S. *see* Noppenau, H. 47786
Hansen, S.A. *see* Juhnke, B. 47509
Hansen, S.D. *see* Haagen, J. 13150
Hansen, S.G., Hurditch, R.J., Brzozowy, D.J., Robertson, S.A. Photoresist surface induction and its effect on swing behavior 11086
Hansen, S.G. *see* Robertson, S.A. 11062
Hansen, S.I. *see* Marsh, J.H. 3398
Hansen, S.L., Andreasen, S.B., Thorsen, P., Dybdal, K. Experimental verification of new PDFA gain-tilt distortion theory 43794
Hansen, S.Lomholt *see* Lomholt Hansen, S.
Hansen, T. *see* Ohlckers, P. 11278
Hansen, T.B. Uniqueness theorems for static integral equations and calculations of constants for 2-D low-frequency scattering 36163
Hansen, V., Janhsen, A. Radiation losses of short impedance sections and of lumped elements in planar circuits 10423
Hansen, V. *see* Clapp, W.G. 123
Hansen, V. *see* Eibert, T.F. 18983
Hansen, V. *see* Eibert, T.F. 29312
Hansen, W. *see* Hertel, G. 42520
Hansen, W. *see* Lettau, C. 42517
Hansen, W.L. *see* Itoh, K.M. 19322
Hansen, W.L. *see* Moll, A.J. 2045
Hansheng Huang, Cornett, F. Convergence studies of the analog hyperstable adaptive recursive filter 44907
Hansheng Sun *see* Sun Hansheng
Hansheng Wu *see* Wu Hansheng
Hansknecht, D.J. *see* Bossmeyer, T.M. 21875
Hansmann, S. *see* Hillmer, H. 28848
Hansmann, S. *see* Mecozzi, A. 35804
Hanson, A. *see* Thomas, J.L. 38407
Hanson, A.R. *see* Draper, B.A. 29754
Hanson, A.R. *see* Sawheny, H.S. 4789
Hanson, C. Uncooled thermal imaging at Texas Instruments 31278
Hanson, D.A. An electricity and environmental policy model 39503
Hanson, D.E. *see* Bigio, I.J. 20634
Hanson, D.E. *see* Harris, D.B. 3422
Hanson, D.J. *see* Stoll, R.L. 8332
Hanson, D.M. *see* Mochiji, K. 27717
Hanson, E., Richter, M. Broadband services—who will use them?, what will they be used for?, will they be affordable? 37243
Hanson, F. *see* Poirier, P. 20679
Hanson, G.W. An SEM analysis of the voltage induced upon a printed strip antenna by a transient plane wave 36396
Hanson, J. *see* Samy Hosny, M. 41637
Hanson, K. *see* Eisenberg, J.H. 34754
Hanson, M. Second order invexity and duality in mathematical programming 41085
Hanson, M.C. "Reinventing" career development 33298
Hanson, R.J. Test strategies/innovations for the 1990s 26162
Hanson, R.J. Current surface mount test strategies 42317
Hanson, R.K. *see* Patric, B.J. 6583
Hanson, R.L. *see* Si-Ming Pan 37938
Hanson, W. *see* Kirchner, D. 6291
Hanson, W.B. *see* Anderson, P.C. 47269
Hanssen, J.E. *see* Fikke, S.M. 24999
Hanssen, L.M. *see* Snail, K.A. 41378
Hansson, B., Axelsson, B., Nordell, B. A dynamic phantom for generation of contrast bolus curves for the evaluation of digital subtraction angiography systems 15802
Hansson, G.V. *see* Radamson, H.H. 42401
Hansson, G.V. *see* Sardela, M.R., Jr. 42846
Hansson, H.-C. *see* Samuelson, L. 10956
Hansson, L.A. *see* Andren, B. 23918
Hansson, P.O., Bauser, E., Albrecht, M., Strunk, H.P. Effects of minimizing the driving force for epitaxy in the Ge/Si(001) system 9598
Hansson, P.O., Bauser, E., Albrecht, M., Strunk, H.P. Solvents influencing the morphology of epitaxial solution-grown strained Ge/Si layers 18214
Hansson, P.O. *see* Bauser, E. 18213
Hansson, U., Sjoberg, S. Dual rate mobile data system 17813
Hansson Mild, K. *see* Standstrom, M. 15931
Hantila, F., Vasiliu, M. Resonant cavities 29235
Hantila, F.I., Ioan, D.C. Integral method for finding the time constants in electromagnetic time diffusion 44219
Hantila, I.F. *see* Pelos, N.N. 44218
Hantila, I.F. *see* Vasiliu, M. 44472
Hantouche, C., Fortune, D. Digital measurement of partial discharges in full-sized power capacitors 38394
Hanuise, C., Senior, C., Cerisier, J.-C., Villain, J.-P., Greenwald, R.A., Ruohoniemi, J.M., Baker, K.B. Instantaneous mapping of high-latitude convection with coherent HF radars 7600
Hanus, J., Oplustil, V. Multi-sensor system of intelligent control for flexible industrial robot 13773
Hanyak, M.E., Jr. *see* Gidh, K. 121
Hanyang Wang *see* Sangster, A.J. 12689
Hanyang Wang *see* Sangster, A.J. 21431
Hanyi Ding *see* Ding Hanyi
Hanyi Zhang, Yanjie Chai, Bo Sun, Shizhong Xie, He Huang, Haifeng Li, Bing Tang, Bingkun Zhou Frequency stabilization of tunable narrow-linewidth external-cavity semiconductor lasers 3717
Hanyi Zhang *see* Bo Sun 3659
Hanyi Zhang *see* Yanjie Chai 3718
Hanyi Zhang *see* Zhang Hanyi

Hanying Zhou, Feng Zhao, Yu, F.T.S., Tien-Hsin Chao Improved interclass multiobject discrimination with phase-difference prewhitening technique 13602
Hanyu, I. *see* Asai, S. 27846
Hanyu, S. *see* Okumura, K. 17354
Hanyu, T., Kameyama, M., Higuchi, T. Beyond-binary circuits for signal processing 33995
Hanyu, T. *see* Aragaki, S. 18736
Hanyu, Y. *see* Tsuboyama, A. 6698
Hanyu Liu, Zhenya He The RLS decision feedback equalizer with a finite duration exponential window 14518
Hanyu Sheng, Soo-Jin Chua Shot noise characteristics of a resonant tunneling diode 19745
Hanz, R. *see* Cheung Lam 32947
Hanzhong Chi *see* Chi Hanzhong
Hanzhou Chen *see* Xin Yu Wu 10357
Hanzhuang Zhang *see* Zhang Hanzhuang
Hanzlik, J. Future developments of power system telecontrol (HDO) in Czech power engineering 32330
Hanzo, A. *see* Richardson, M. 27811
Hanzo, L., Webb, W., Steele, R., Salami, R.A. On QAM speech transmission schemes for microcellular mobile PCNs 22803
Hanzo, L. *see* Lin, X. 45792
Hao, J., Orlin, J.B. A faster algorithm for finding the minimum cut in a graph 26316
Hao, M.-Y. *see* Maiti, B. 34757
Hao, S. *see* Papalexopoulos, A.D. 24864
Hao, W. Public switching deployment in China 5656
Hao, W. *see* Adam, W. 7259
Hao, W. *see* Adam, W. 31715
Hao, W. *see* Adam, W. 46929
Hao, Y. Speech recognition using speaker adaptation by system parameter transformation 36611
Hao, Y. *see* Kamada, H. 13589
Hao, Y. *see* Wang, J. 35783
Hao, Y.S. *see* Wang, H.F. 16208
Hao Chai-Wei *see* Chai-Wei Hao
Hao Chuan, Zhang Naitong Asynchronous distributed adaptive routing algorithm 5255
Hao Feng *see* Feng Hao
Hao Hong *see* Hong Hao
Hao Jianhua *see* Jianhua Hao
Hao Jianxiu *see* Jianxiu Hao
Hao Jinchi, Tsorng-Ming Chen, Chaur-Heh Hsieh, Fwu-Rong Liang Fast feature matching using random field models for image registration 45125
Hao Ling, Hyeongdong Kim On the application of Kirchhoff's approximation to scattering from discontinuities in large waveguide ducts 36322
Hao Ling *see* Klimkowski, K. 619
Hao Lu *see* Lu Hao
Hao Lui *see* Lui Hao
Hao Rongtai *see* Zhang Wendong 8538
Hao Shutang *see* Chen Xi 25793
Hao Xu *see* Xu Hao
Hao Yi Cai *see* Homma, T. 46347
Hao Yilong *see* Wu Guoying 27790
Hao-Hsiung Lin *see* Yang, C.C. 3772
Hao-Hsiung Lin *see* Yang, C.C. 43456
Hao-Jung Chen *see* Fujiwara, O. 9345
Hao-Ming Shen, Tai Tsun Wu Optimum design of a multi-fin coaxial converter 21458
Hao-Tien Lee, D., Chih-Yung Lin, Gwo-Yuh Shiau Photoresist striation study on the 8" topography wafer 2366
Haond, M. *see* Emrani, A. 35001
Haond, M. *see* Gouy-Pailler, P. 19628
Haosheng Fei, Zhenqian Wei, Pengfei Wu, Li Han, Yingying Zhao, Yanlong Che Biphoton holographic storage in Methyl Orange and Ethyl Orange dyes 44159
Haouat, G. *see* Guimbal, P. 43975
Haouat, G. *see* Joly, S. 44009
Haozhe Dong, Chronopoulos, A., Junping Zou, Gopinath, A. Vectorial integrated finite-difference analysis of dielectric waveguides 44510
Hapiot, J.C. *see* Collomb, C. 17062
Happ, M. *see* Mollmann, K.-P. 28646
Happel, M. *see* Schultes, G. 37800
Happy, H., Dambrine, G., Alamkan, J., Danneville, F., Kaptche-Tagne, F., Cappy, A. HELENA: a friendly software for calculating the DC, AC, and noise performance of HEMTs 11240
Happy, H. *see* Danneville, F. 1596
Hapuarachchi, K.P. *see* Lye, L.M. 41024
Har-Nov, Y. *see* Baum, D. 29104
Hara, A. *see* Aoki, M. 2014
Hara, A. *see* Asada, T. 31041
Hara, F. *see* Kobayashi, H. 4882
Hara, H. *see* Ebina, K. 20617
Hara, H. *see* Hashimoto, T. 11933
Hara, H. *see* Mine, Y. 20620
Hara, H. *see* Saito, M. 34957
Hara, H. *see* Tsuchiaki, M. 11200
Hara, I. Inspection system by color highlight method 40998
Hara, K., Iwamoto, T., Kyuma, K. Optimum design method of optoelectronic devices in consideration of errors of structural parameters 20520
Hara, K., Kawamorita, S. Three-phase and zero-phase current sensors using Hall ICs 39679
Hara, K., Kim, S., Miyamoto, Y., Nakano, I., Okabe, M., Takano, T., Takikawa, K., Yasuoka, K. Fabrication of tiles and fibers for the SDC central calorimeter 31683
Hara, K. *see* Funatsu, E. 31235
Hara, K. *see* Kawamorita, S. 14947
Hara, K. *see* Shoemaker, R. 16633
Hara, K. *see* Ueno, Y. 12173
Hara, K. *see* Yasuoka, K. 24018
Hara, M., Burrows, P.E., Garito, A.F., Sasabe, H. Organic MBE and organic STM for 'nanoscopic' materials 9530
Hara, M., Okagawa, S., Otake, A. Design of downsized coated optical fibers to minimize microbending loss 5996
Hara, M. *see* Burrows, P.E. 10593
Hara, M. *see* Sameshima, T. 34950
Hara, M. *see* Sekiya, M. 42975
Hara, M. *see* Yoshida, K. 28383
Hara, O., Kawaratani, T., Kawasaki, Y., Shirakawa, T., Nakabayashi, T., Ayame, Y., Matsui, K. Development of high power electron beam gun with LaB_6 cathode 10608
Hara, S. Developers devise MMIC that answers needs in mobilecom equipment 27259
Hara, S., Morinaga, N. Throughput analyses of packet radio communications systems 30657
Hara, S., Okada, M., Morinaga, N. Multicarrier modulation technique for wireless local area networks 14257
Hara, S. *see* Ohno, Y. 34080
Hara, S. *see* Ooi, K. 27850
Hara, S. *see* Tsukamoto, K. 37460
Hara, T., Couprie, M.E., Delboulbe, A., Troussel, P., Gontier, D., Billardon, M. Observations of the super-ACO FEL micropulse with a streak camera 43970
Hara, T., Hosoda, N., Nagano, S., Ueda, T. Stress in Al-Sc interconnection layers 10988
Hara, T., Ishii, H. Development of high-T_c superconducting cables for underground power system 24972
Hara, T., Itoh, A., Yatsuka, K., Kishi, K., Hirotsu, K. Application of the neural network to detecting corona discharge occurring in power cables 16319
Hara, T. *see* Couprie, M.E. 43983
Hara, T. *see* Fujisawa, S. 38213
Hara, T. *see* Garzella, D. 43971
Hara, T. *see* Hori, T. 43516
Hara, T. *see* Nishimura, E. 43974
Hara, T. *see* Sato, S. 3203
Hara, T. *see* Takamatsu, H. 10874
Hara, T. *see* Tsukada, T. 10945
Hara, T. *see* Yamamoto, O. 1771
Hara, T. *see* Yamamoto, O. 7983
Hara, V. *see* Salmi, M. 22808
Hara, Y. *see* Yasuda, S. 18833
Hara Prasad, B.V., Lakshminarayana, D. On the design and analysis of ultrabroadband antenna windows 4343
Harada, C. *see* Matsushima, J.I. 15890
Harada, H. Variable-rate transform coding that controls quality of image using human visual model 30129
Harada, H., Lee, H.-J., Komaki, S., Morinaga, N. Performance analysis of fiber-optic millimeter-wave band radio subscriber loop 14657
Harada, H., Takenaka, T., Tanaka, M. An efficient diffraction tomographic technique based on modified Newton-Kantorovich method with fixed step size 4074
Harada, H. *see* Hatanaka, Y. 16951
Harada, H. *see* Yoshie, N. 37282
Harada, J. *see* Tsuji, H. 28422
Harada, K., Katsuki, A., Fujiwara, M. Use of ESR for deterioration diagnosis of electrolytic capacitor 34285
Harada, K., Katsuki, A., Fujiwara, M., Nakajima, H., Matsushita, H. Resonant converter controlled by variable capacitance devices 33876
Harada, K., Zhao, G. Controlled power interface between solar cells and AC source 40472
Harada, K. *see* Maeda, Y. 37640
Harada, K. *see* Sakai, E. 26699
Harada, K. *see* Sakamoto, H. 8510
Harada, K. *see* Takahashi, H. 38994
Harada, K. *see* Tamechika, E. 27845
Harada, K. *see* Yamamoto, F. 16575
Harada, M. Future view of CATV 6235
Harada, M., Minato, T. A 600 V insulated-gate bipolar transistor with a trench MOS gate structure 41654
Harada, M. *see* Fujiwara, S. 2314
Harada, M. *see* Takeda, K. 349
Harada, M. *see* Tanaka, T. 11099
Harada, N., Ishikawa, T., Kizuka, N., Nakamichi, K., Okamura, T., Shioda, S. Effect of channel shape on the performance of closed cycle MHD generator 25827
Harada, N., Kuroda, S., Watanabe, Y., Hikosaka, K. Frequency divider using InAlAs/InGaAs HEMT DCFL-NOR gates 10097
Harada, N., Suekane, T., Tsunoda, K., Okamura, T., Yoshikawa, K., Yamasaki, H., Kabashima, S., Shioda, S., Hasegawa, Y., Ikeda, S., Douzono, Y., Ishimura, M. Experimental studies of closed cycle MHD power generation with FUJI-1 blow-down facility 25358
Harada, N. *see* Ikeda, S. 25354
Harada, N. *see* Okamura, T. 25825
Harada, N. *see* Suekane, T. 8782
Harada, N. *see* Tanaka, S. 31154
Harada, N. *see* Tsunoda, K. 25828
Harada, N. *see* Yamasaki, H. 25824
Harada, N. *see* Yoshikawa, K. 25354
Harada, S. *see* Akiyama, T. 9826
Harada, S. *see* Kubo, M. 20269
Harada, S. *see* Okamoto, H. 46227
Harada, T. Technical trends on impulse voltage and current measuring systems 38634
Harada, T., Yoshihara, K., Masuzawa, K., Kagami, J., Nagai, K., Ikeda, T., Shiba, T., Kawasaki, K. Si bipolar multiplexer, demultiplexer, and prescaler ICs for 10 Gb/s SONET systems 38042
Harada, T. *see* Kashiwagi, Y. 15157
Harada, T. *see* Kashiwagi, Y. 39683
Harada, T. *see* Kobayashi, S. 34301
Harada, T. *see* Tatezono, F. 2938
Harada, T. *see* Wakimoto, T. 39682
Harada, Y., Akahori, T., Onoda, H. Ohmic contact in electron cyclotron resonance chemical vapor deposition-TiN/Si structure 42551
Harada, Y. *see* Hirose, N. 14980
Harada, Y. *see* Nishida, M. 10460
Harada, Y. *see* Nomura, Y. 5058
Harada, Y. *see* Ohishi, H. 7479
Harada, Y. *see* Yamada, T. 10489
Harafuji, K., Misaka, A., Nomura, N., Kuwamoto, M., Yamashita, H. A novel hierarchical approach for proximity effect correction in electron beam lithography 18702
Haraguchi, K. *see* Awano, A. 17177
Haraguchi, K. *see* Hiruma, K. 18150
Haraguchi, M. *see* Kodaira, M. 7123
Haraguchi, N. *see* Yamashita, T. 23904
Haraguchi, T. *see* Oyama, J. 25537
Haraichi, S., Komuro, M. Broad-pulsed Ga ion beam-assisted etching of Si with Cl_2 27716
Haraichi, S. *see* Itoh, F. 19613
Harakal, M. *see* Chmurny, J. 4923
Harakawa, T., Nakao, N., Matsuhashi, S. Automated equipment to assemble connectors for telecommunication cables 5706
Harakawa, T. *see* Nakayashiki, S. 14113
Haralabidis, N. *see* Kavadias, S. 7158
Haraldsdottir, A., Hauksdottir, A.S. A training simulator for the geothermal power plant at Nesjavellir, Iceland 25242
Haralick, R.M. *see* Ghosh, P.K. 36864
Haralick, R.M. *see* Harris, A.L. 7382
Haralick, R.M. *see* Joughin, I.R. 21974
Haralick, R.M. *see* Vaidya, V.G. 13662
Haralick, R.M. *see* Vaidya, V.G. 29797
Haralick, R.M. *see* Yi, S. 45041
Haram, S.K., Santhanam, K.S.V. Electroless deposition of orthorhombic copper (I) selenide and its room temperature phase transformation to cubic structure 18240
Harame, D. *see* Crabbe, E. 19072
Harame, D.L. *see* Arienzo, M. 11161
Harame, D.L. *see* Cressler, J.D. 19982
Harame, D.L. *see* Verdonckt-Vandebroek, S. 35007
Haran, F.M., Barton, J.S., Jones, J.D.C. Determination of monomode fiber buffer properties from bend-loss measurements 2954
Harano, H., Iguchi, T., Nakazawa, M. Conceptual design of a magnetic pair spectrometer for fusion γ-ray detection 47006
Harari, J. *see* Elkadi, H. 3603
Harashima, F., Dote, Y. Sensor-based robot systems 4833
Harashima, F. *see* Ikeda, M. 17141
Harashima, F. *see* Seung Hak Yang 8355
Harashima, T. *see* Kimura, H. 34114
Harasiewicz, K.A. *see* Foster, F.S. 15704
Harasiewicz, K.A. *see* Ye, S.G. 7409
Harata, D., Sakaya, Y. 0.5 μm multilevel interconnection technology 35069
Harata, Y., Ohta, N., Hayakawa, K., Shigematsu, T., Kita, Y. A fuzzy inference LSI for an automotive control 33136
Harata, Y. *see* Katoh, T. 15940
Haratani, S. *see* Handa, T. 20254
Harauz, G., Chiu, D.K.Y. Complementary application of correspondence analysis and event covering of noisy image sequences 4873
Harb, S.M. *see* Chetwynd, D.G. 38703
Harbach, F. *see* Knodler, R. 8759
Harbauer, W. Drive systems for electric vehicles 48179
Harbi, A., Yagoubi, A., Madani, M., Bakhtari, K., Tanzini, M., Gallico, A. The Dez hydro power-plant development 25250
Harbich, K.-W. X-ray refraction defectoscopy of CFRP laminates 18374
Harbison, B.B., Aggarwal, I.D. Hot isostatic pressing of fluoride glasses 3007
Harbison, J.P. *see* Keay, B.J. 42529
Harbison, J.P. *see* Tanaka, M. 11449
Harbison, S. What are tolerable levels of risk? 8101
Harboe-Sorensen, R., Daly, E.J., Adams, L., Underwood, C.I., Muller, R. Observation and prediction of SEU in Hitachi SRAMs in low altitude polar orbits 39253
Harboe-Sorensen, R. *see* McNulty, P.J. 34073
Harborg, E. *see* Fuldseth, A. 29566

Harbour, G.L. *see* Caccamise, D.J. 16103
Harbour, J. *see* Chubb, J.N. 4160
Harbour, J.L. Integrating HRA into decision support systems: a new frontier? 33307
Harbour, J.L. *see* Hallbert, B.P. 39738
Harcourt, R. Optical application for MCMs 3381
Hard, N.J. *see* Nadig, D.V. 30489
Hard, S. *see* Larsson, M. 44148
Hard, S. *see* Nikolajeff, F. 12459
Hardaker, P.J., Holt, A.R. Electromagnetic scattering from the spherical Luneberg lens 44284
Hardcastle, W.J., Marchal, A., Nicolaidis, K., Nguyen-Trong, N. Nonlinear annotation of multi-channel speech data 13052
Harde, P. *see* Reier, F.W. 41261
Harde, P. *see* Schnabel, R.F. 26438
Harden, P.A. Gaining control room habitability margin at the Palisades plant 32560
Harden, P.A. *see* Holmquist, L.J. 32561
Harder, C. *see* Brodsky, J. 8787
Harder, C.S. *see* Hausser, S. 12113
Harder, J.E. *see* Patel, D.K. 39912
Harder, U. *see* Henschel, H. 15623
Harderich, W. Modular ISDN branch communications systems—economical, compact and user-friendly 30530
Hardie, G. *see* Wells, P. 1511
Hardie, R. Single core electric cables 47518
Hardie, R. Intermediate voltage (3,3 kV) electric cables 47520
Hardin, R., Yankowski, M. Performance of a PID phase lock loop with Kalman filtered input data [GPS data] 23400
Harding, C. *see* Baumann, J. 20839
Harding, C. *see* Baumann, J.A. 41303
Harding, C.M. *see* Yellen, S.L. 12199
Harding, D.J. *see* Brown, B.C. 15535
Harding, K., Sieczka, E., Kaltenbacher, E., Boehnlein, A. Design of an on-machine gage for diameter measurements 6563
Harding, K.G., Bieringer, R. High intensity light line using high pressure sodium lamps [for web inspection applications] 8967
Harding, K.G., Sleczka, E.J. 3D Moire methods applied to shape recognition 30147
Hardingham, C.M. *see* Conibeer, G.J. 42637
Hardis, J.E. *see* Houston, J.M. 23605
Hardis, J.E. *see* Ohno, Y. 46276
Hardisty, H., Shirvani, H. Thermal imaging in electronics and rotating machinery 34324
Hardjono, T., Zheng, Y. A practical digital multisignature scheme based on discrete logarithms 21561
Hardjono, T. *see* Yuliang Zheng 12970
Hardman, B.T. The FOCSI program uses NDI to reduce risk and cost 39210
Hards, G.A. *see* Cameron, D.S. 17290
Hardt, A., Martin, S.A., Wagner, R., Wiedner, C.A. Extraction beam lines for COSY-Julich 15568
Hardt, A. *see* Bechstedt, U. 6934
Hardt, A. *see* Bechstedt, U. 15536
Hardt, H.-J.von der *see* von der Hardt, H.-J.
Hardt, T. *see* Bolz, A. 24345
Hardwick, C.D., Jordan, J.E., Swail, C.S., Bower, M.E., Marcotte, D.L., Hoftyzer, G. An experimental voice command system for management of an integrated navigation system 39233
Hardwick, D.A. *see* Sullivan, G.J. 2464
Hardwick, N.E., III, Kathiresan, K., Hartley, J.G. Analysis of fiber optic cable design conditions in vicinity of steam lines-ruptured and pristine 6022
Hardy, A., Ben-Artzi, M. Expansion of an arbitrary field in terms of waveguide modes 36311
Hardy, A. *see* Dzurko, K.M. 12181
Hardy, A. *see* Lang, R.J. 12197
Hardy, A. *see* Weissman, Z. 43467
Hardy, C.J., Darrow, R.D., Nieters, E.J., Roemer, P.B., Watkins, R.D., Adams, W.J., Hattes, N.R., Maier, J.K. Real-time acquisition, display, and interactive graphic control of NMR cardiac profiles and images 7372
Hardy, D.A. *see* Oberhardt, M.R. 39148
Hardy, G.H. *see* Coppenbarger, R.A. 39193
Hardy, G.H. *see* Zelenka, R.E. 39273
Hardy, P. *see* Richard, C.J. 38327
Hardy, W.N. *see* Ma, Q.Y. 41280
Hare, E.W. *see* Ramos, A. 7519
Hareland, S.A., Tasch, A.F., Maziar, C.M. New structural approach for reducing punchthrough current in deep submicrometre MOSFETs and extending MOSFET scaling 2533
Harer, W. *see* Schlang, M.F. 7349
Harer, W. *see* Tresp, V. 4639
Harff, N.E. *see* Carson, R.F. 3387
Harfoush, F. *see* Mishra, C.S. 38782
Hargis, B. Multichip module technology comparison 9284
Hargis, C. Design of a PWM AC variable speed motor drive for conducted emission compliance 40158
Hargis, D. *see* Zucker, O. 28504
Hargis, M.C., Carnahan, R.E., Brown, J.S., Jokerst, N.M. Epitaxial lift-off GaAs/AlGaAs metal-semiconductor-metal photodetectors with back passivation 38490
Hargreaves, J. *see* Deshpande, V. 19678
Hargreaves, M. *see* Brown, L.A. 44161
Hargrove, M.J. *see* Voldman, S.H. 28277
Hari, B.Sri *see* Sri Hari, B.
Hari, K.V.S., Gummadavelli, U. Effect of spatial smoothing on the performance of subspace methods in the presence of array model errors 21819
Hari, L. *see* Nanda, J. 32213
Hari, V. *see* Rhee, N.H. 26358
Hari Rama Krishna, G., Chakrabarti, N.B., Banerjee, S. Finite element analysis of SiGe npn HBT 42885
Haribabu, V. *see* Veerender, C. 34517
Haridas, M. *see* Tripathy, S.C. 32411
Haridim, M., Zelikson, M., Weiser, K. Trapping effects in a-Si:H investigated by the SSPG technique 34540
Harigai, M. *see* Nakajima, K. 14772
Harigaya, M. *see* Iwasaki, H. 20258
Harigopal, S. *see* Balasubramanyam, P.V. 47352
Hariharan, M.V. *see* Rajamani, K. 25396
Harima, K., Sugiura, A., Morikawa, T., Hayashi, R. Applicability of the standard-site method for determining antenna factors 12753
Harima, K. *see* Masuzawa, H. 14865
Hariri, S., Park, J.B., Yu, F.-K., Parashar, M., Fox, G.C. A message passing interface for parallel and distributed computing 13896
Hariri, S. *see* Ayyash, S.A. 14215
Hariri, S. *see* Reichmeyer, F. 14214
Harish, C.M., Kumar, V., Prabhakar, A. A novel laser direct write technique for fabrication of thin film MICs 10485
Harish, R. *see* Om Pal Singh 39829
Harithsa, U.K. *see* Mickevicius, R. 27539
Haritsa, J.R., Ball, M.O., Roussopoulos, N., Datta, A., Baras, J.S. MANDATE: managing networks using database technology 30309
Hariu, T. Plasma-assisted epitaxy of compound semiconductors 810
Hariyama, M., Kameyama, M. A collision detection processor for intelligent vehicles 33139
Harjani, R. *see* Vinnakota, B. 41691
Harju, J., Salmi, M. Parallel simulation of the GSM mobile communication network on minisupercomputer 22861
Harke, U. *see* Witschital, P. 36631
Harkness, C., Wolf, E. Verifying the Summit bus converter protocols with symbolic model checking 37128
Harkness, D. *see* Wade, V. 14034
Harkness, W.F.J. *see* Allen, P.J. 39042
Harlan, J.A. *see* Georges, T.M. 7607
Harlan, K. *see* George, M. 34653
Harle, D.A. *see* Bedi, I.S. 22461
Harle, V. *see* Bergmann, R. 27552
Harle, V. *see* Tutken, T. 28807
Harley, R.G. *see* Hippner, M. 40144
Harlingen, D.J.Van *see* Van Harlingen, D.J.
Harlow, M.J. *see* Lealman, I.F. 37978
Harlow, M.J. *see* Seltzer, C.P. 35772
Harlow, M.J. *see* Wake, D. 20522
Harman, J. Zero discharge semi-aqueous cleaning systems 33347
Harman, K., Gagnon, A. Synergistic radar: a new approach to intrusion detection 6130
Harman, T.C. Controlled P-type Sb doping in LPE-grown $Hg_{1-x}Cd_xTe$ epilayers 666
Harman, T.L. *see* Premkumar, S.B. 24337
Harmand, J.C. *see* Couturier, J. 20394
Harmand, J.C. *see* Couturier, J. 28517
Harmand, J.C. *see* Sylvestre, A. 19031
Harmatz, M. *see* Gerrardi, G.J. 10884
Harmegnies, B. Extra-linguistic variabilities of the speech signal 21661
Harmelen, G.L.van *see* van Harmelen, G.L.
Harmon, D. *see* Ridolfo, F. 16499
Harmon, D.L. Nuplex 80+: an evolutionary approach to meeting ALWR requirements 39832
Harmon, D.L., Starr, T.M. Alarm and status processing and display in the Nuplex 80+ Advanced Control Complex 39764
Harmon, D.L. *see* Fuld, R.B. 39724
Harmon, E.S., Melloch, M.R., Lundstrom, M.S., Cardone, F. Thermal velocity limits to diffusive electron transport in thin-base np^+n GaAs bipolar transistors 19787
Harmon, E.S., Melloch, M.R., Woodall, J.M., Nolte, D.D., Otsuka, N., Chang, C.L. Carrier lifetime versus anneal in low temperature growth GaAs 1855
Harmon, J.P., Schueneman, G.T., Markley, F., Anthony, D., Foster, W. Radiation effects in scintillator materials 24020
Harmon, K.M. *see* Clayton, W.R. 13600
Harmon, L. *see* Mader, T. 1621
Harmony, D.W. *see* Lawson, C.M. 3044
Harmony, T., Fernandez-Bouzas, A., Marosi, E., Fernandez, T., Bernal, J., Rodriguez, M., Reyes, A., Silva, J., Alonso, M., Casian, G. Correlation between computed tomography and voltage and current source density spectral EEG parameters in patients with brain lesions 31914
Harms, A.A. *see* Eskandari, M.R. 25151
Harms, H.-H. *see* Dieckmann, M. 31128
Harms, P.H. *see* Mittra, R. 1468
Harms, W.B. *see* Purdy, J.A. 39092
Harms, W.B. *see* Slessinger, E.D. 31998
Harn, L. Digital signature with (t, n) shared verification based on discrete logarithms 12908
Harn, L., Hung-Yu Lin Key management for decentralized computer network services 37502
Harn, L., Lin, H.-Y. An *l*-span generalized secret sharing scheme 21545
Harn, L., Yang, S. Group-oriented undeniable signature schemes without the assistance of a mutually trusted party 21562
Harn Lein *see* Lein Harn
Harnagle, G. *see* Mundinger, D. 20726
Harnau, V. *see* Koglin, E. 47374
Harness, P.C. *see* Figielski, T. 10693
Harnett, C.K. *see* Kane, B.E. 10708
Harnew, N. *see* Foster, B. 31714
Harney, P.J. *see* Chu, B. 47023
Harokopus, W.P., Jr. *see* Dib, N.I. 10392
Harold, B. *see* Lux, E. 23413
Harold, R. *see* Jach, C. 15554
Haroun, B. *see* Rouatbi, F. 26593
Harp, G.R. *see* Farrow, R.F.C. 9525
Harpen, M.D. Radiative losses of a birdcage resonator 7373
Harpen, M.D. Cylindrical coils near self-resonance 47043
Harper, G. *see* Chowdhury, V. 2257
Harper, J.M.E. *see* Clevenger, L.A. 27574
Harper, M.J., Rich, J.C. Radiation-induced nucleation in superheated liquid droplet neutron detectors 7269
Harper, R. Gopher [document delivery] 5451
Harper, R. *see* Rogers, T. 27708
Harpham, S. *see* Jodice, J.A. 47566
Harpole, G. *see* Jansen, M. 20847
Harrah, S.D. *see* Mackenzie, A.I. 23173
Harrang, J.P. *see* Daniels, R.R. 11243
Harrap, M.J. *see* Wen-Yi Wang 31101
Harrell, C.R. *see* Hademenos, G.J. 15755
Harrell, M.J. *see* Croke, E.T. 9586
Harrer, H., Nossek, J.A. New test results of a 4 by 4 discrete-time cellular neural network chip 1361
Harrer, H. *see* Kohn, I. 1365
Harrer, T. *see* Siahmakoun, A. 20999
Harrington, D.K., Kello, J.E. Systematic evaluation of nuclear operator team skills training: a progress report 39770
Harrington, J., Cassidy, S., Fletcher, J., McVeigh, A. The mu+ system for corpus based speech research 4529
Harrington, J. *see* Cassidy, S. 13046
Harrington, J. *see* Croot, K. 4555
Harrington, J. *see* McVeigh, A. 13053
Harrington, J.A. *see* Gregory, C.C. 3020
Harrington, J.T. *see* Thompson, D.W. 18562
Harrington, M.D. A dynamic bandwidth and phase linearity measurement technique for 4-channel MSK VLF antenna systems 4312
Harrington, P.V. *see* Brown, P.G. 45379
Harrington, R.F. *see* El-Hajj, A. 21305
Harrington, R.F. *see* Lu, Y. 29146
Harrington, T. *see* Stearns, C. 18813
Harriot, L. *see* Daryanani, S.L. 23597
Harriot, L.R. Digital scan model for focused ion beam induced gas etching 27728
Harriott, L.R. Focused ion beam XeF_2 etching of materials for phase-shift masks 27898
Harriott, L.R., Kola, R.R., Celler, G.K. Chemically assisted focused ion beam etching for tungsten X-ray mask repair 2313
Harriott, L.R. *see* Bernussi, A.A. 42501
Harriott, L.R. *see* Cotta, M.A. 9595
Harriott, L.R. *see* Cotta, M.A. 18224
Harriott, L.R. *see* Fullowan, T.R. 42894
Harriott, L.R. *see* Kola, R.R. 11105
Harriott, L.R. *see* Temkin, H. 18232
Harriott, L.R. *see* Tennant, D.M. 27823
Harris, A., Hersey, M.W., O'Neill, M.K., Lee, R.T. Recent operating experience with 28 element fuel at Pickering NGS 8056
Harris, A.I., Dori, D., Sheinkop, M.B., Berkson, E., Haralick, R.M. Automating measurement from standard radiographs 7382
Harris, A.I. *see* Schuster, K.-F. 6171
Harris, A.J. *see* Burdess, J.S. 46392
Harris, A.P. TQM enhances business partnership 427
Harris, A.V. The UK technical and regulatory framework established for analogue multipoint video distribution systems at 40 GHz 38206
Harris, C.F., Kim, Y.H., Modestino, J.W. Entropy-constrained design of a subband based video coder 36847
Harris, D., Winnick, J., Kohl, P.A. Cation effect on the CdSe-liquid junction 8732
Harris, D. *see* Grajew, G. 37613
Harris, D.B., Allen, G.R., Berggren, R.R., Cartwright, D.C., Czuchlewski, S.J., Figueira, J.F., Hanson, D.E., Hauer, A., Jones, J.E., Kurnit, N.A., Leland, W.T., Mack, J.M., McDonald, T.E., McLeod, J., Rose, E.A., Sorem, M., Sullivan, J.A., Watt, R.G. Strengths and weaknesses of KrF lasers for inertial confinement fusion applications learned from the AURORA laser 3422
Harris, D.B. *see* Sullivan, J.A. 3426
Harris, D.C. Diamond: the ultimate durable infrared window material 43373
Harris, D.G., Perry, A.C., Batts, M.D. The provision and evolution of connectionless data services in the public network 14179
Harris, D.W. *see* Nowicki, R.S. 1943

Harris, E.L., Rindall, B.D., Tarko, N.J., Norris-Elye, O.C. The effect of a helicopter on DC fields and ions 32440
Harris, F., Brooking, E. A versatile parametric filter using an imbedded all-pass sub-filter to independently adjust bandwidth, center frequency, and boost or cut 27062
Harris, F., Gurantz, I., Tzukerman, S. Digital $T/2$ Nyquist filtering using recursive all-pass two-stage resampling filters for a wide range of selectable signalling rates 27071
Harris, F.J. *see* Adye, T. 38896
Harris, F.M., Schimpf, M.J. Zinc-air rechargeable batteries for mobile power 40449
Harris, G.A. *see* Johnson, F.S. 19582
Harris, G.J. *see* Bull, D.R. 6667
Harris, G.S. *see* Grider, D.T. 2039
Harris, G.S. *see* Johnson, F.S. 19792
Harris, G.S. *see* McLarty, P.K. 834
Harris, G.S. *see* McLarty, P.K. 26499
Harris, G.S. *see* Xu, X. 835
Harris, G.S. *see* Xu, X.-L. 9704
Harris, G.S. *see* Xu, X.-L. 9724
Harris, I.M. *see* Andrews, M.K. 14963
Harris, I.R. *see* Faria, R.N. 35216
Harris, I.R. *see* Ragg, O.M. 43287
Harris, J. *see* Schmerge, J.F. 44006
Harris, J. *see* Singhroy, V. 32074
Harris, J.J. Delta doping of semiconductors 2026
Harris, J.J. *see* Mellor, C.J. 42720
Harris, J.J. *see* Stoddart, S.T. 42510
Harris, J.J. *see* Tan Le 42528
Harris, J.J. *see* Wang, J. 19562
Harris, J.L., Lon-Mu Liu Dynamic structural analysis and forecasting of residential electricity consumption 32365
Harris, Jr., J.S. *see* Roos, G. 10660
Harris, J.S., Jr. *see* Ito, H. 11165
Harris, J.S., Jr. *see* Lodenkamper, R. 12381
Harris, J.S., Jr. *see* Lord, S.M. 2202
Harris, J.S., Jr. *see* Lord, S.M. 3165
Harris, J.S., Jr. *see* Lord, S.M. 11599
Harris, J.S., Jr. *see* Lord, S.M. 28514
Harris, J.S., Jr. *see* Roos, G. 2178
Harris, J.S., Jr. *see* Trezza, J.A. 11678
Harris, J.S., Jr. *see* Trezza, J.A. 20397
Harris, J.S., Jr. *see* Trezza, J.A. 20404
Harris, J.W. *see* Bachler, J. 46934
Harris, K. *see* Katz, A. 20903
Harris, K.E., Thimis, A.J. Integrated resource planning—an overview and impact assessment 7902
Harris, L. Simulation of a full BiCMOS technology 35094
Harris, L.J. *see* Karellas, A. 15722
Harris, M. *see* Bliss, D.F. 41234
Harris, M.B. Open Network Provision applied to leased lines in the European Community 37334
Harris, M.R., Mecrow, B.C. Variable reluctance permanent magnet motors for high specific output 8330
Harris, M.R. *see* Refoufi, L. 25864
Harris, N. *see* Bolsinger, L. 40009
Harris, N.W. *see* Lax, B. 1433
Harris, N.W. *see* Lax, B. 42179
Harris, N.W. *see* Quinn, P.D. 15454
Harris, P. *see* McDonald, R.C. 17201
Harris, P.D. *see* Andrews, M.K. 14963
Harris, P.M. *see* Bich, W. 46647
Harris, R.L. *see* Stephenson, M.M. 39194
Harris, R.W. Digital video vs. AM supertrunking. 2 46238
Harris, S. How to achieve optimum performance from delta-sigma A/D and D/A converters 6265
Harris, S. *see* Beuning, S. 32228
Harris, T.D. *see* Kopf, R.F. 18178
Harris-Dowsett, D., Wicks, T., Summerfield, S. A novel pipelining method for wave digital filters applied to carry ripple and carr wave techniques 42055
Harrison, B.J., Funnell, I.R. Remote temperature measurement for power cables 24963
Harrison, B.L., Chignell, M.H., Baecker, R.M. Out of site, still in mind? A case study in video mediated communication 5613
Harrison, C.W., Jr. Some aspects of the genesis of radio engineering 30609
Harrison, D.A. *see* Keeler, W.J. 41278
Harrison, D.D. *see* Chan, D.S.K. 29639
Harrison, D.H. *see* Fink, R.T. 39831
Harrison, D.J. TELEWEST and experience of fibre in the loop 38058
Harrison, D.K. *see* Baines, T.S. 26131
Harrison, D.L. *see* Clauss, J.M. 32606
Harrison, F. *see* Innes, L. 32553
Harrison, G.H., Balcer-Kubiczek, E.K., Zhang, X. Effect of ultrasonic exposure time and burst frequency on the enhancement of chemotherapy by low-level ultrasound 15899
Harrison, H.A., Remmers, G.D. TU electric compliance with the Clean Air Act Amendments 8132
Harrison, H.B. Developments in single wafer multiprocessing 43067
Harrison, H.B., Dimitrijev, S., Sweatman, D., Misiura, A., Reeves, G.K. Substrate doping and orientation effects on dielectric growth on silicon in a nitrous oxide environment 2177
Harrison, H.B., Dimitrijev, S., Sweatman, D., Parker, J., Preston, S. Modelling the dielectric growth on silicon produced in a nitrous oxide RTP environment 2176
Harrison, H.B. *see* Dimitrijev, S. 43108
Harrison, H.B. *see* Hungenahally, S.K. 13755
Harrison, I., Pavesi, L., Henini, M., Johnston, D. Annealing effects on Si-doped GaAs grown on high-index planes by molecular-beam epitaxy 41281
Harrison, J.K. *see* Bannister, P.R. 4314
Harrison, J.M. *see* McDermott, H.J. 24350
Harrison, K. *see* Cianfarani, C. 31731
Harrison, L., Castronuovo, M., Janowitz, J., Saraceni, P. Pilot-vehicle interface 39200
Harrison, L.H., Saunders, P.J., Saraceni, P.J., Jr. Artificial intelligence and expert systems for avionics 39265
Harrison, M., Fairhurst, P. Project Volta—towards an electric speed record 17575
Harrison, M., Shapiro, R. A large-scale SPC implementation using the IBM multimedia SPC program 104
Harrison, M. *see* Stevens, A. 46718
Harrison, M.G. *see* Nordgaard, J.D. 36299
Harrison, P.A., Eaves, L., Martin, P.M., Henini, M., Buckle, P.D., Skolnick, M.S., Whittaker, D.M., Hill, G. Intrinsic bistability in the electroluminescence spectrum and current-voltage characteristics of triple-barrier p-i-n resonant tunneling devices 42857
Harrison, P.A. *see* Turner, T.S. 42505
Harrison, P.G. Response time distributions in queueing network models 5581
Harrison, R.G., Weiping Lu, Lim, D.S., Dejin Yu, Ripley, P. Chaos, patterns and defects in stimulated Brillouin scattering with weak feedback 44125
Harrison, R.G. *see* Bhadani, P.K. 43725
Harrison, R.G. *see* Krishnamurthi, K. 1538
Harrison, S.H. *see* Clark, N. 15710
Harrison, S.M. DDS drives 1-kW command transmitter 24562
Harriss, M. *see* Findlay, P. 41754
Harrold, E. *see* Lee, R. 18604
Harrold, S.J., Judd, N.P., Wilson, B. Integrated 4.8 Gbit/s current-mode transimpedance optical preamplifier 43677
Harrold, W.B. *see* Ramsdale, P.A. 37776
Harron, D.W.G. *see* Escalona, O.J. 7453
Harrop, R. *see* Barney, J.S. 15727
Harsanayi, G. Technology of optical waveguide thick films 20360
Harsanyi, G. *see* Keresztes-Nagy, Z. 35425
Harsanyi, G. *see* Sali, R. 35256
Harsdorff, M. *see* Heyn, C. 9628
Harshavardhan, K.S., Green, S.M., Pique, A., Patel, K., Edwards, R., Venkatesan, T., Denlinger, E., Kalokitis, D., Fathy, A., Pendrick, V., Wu, X.D., Bhattacharya, S., Rajeswari, M. High T_c thin films deposited by PLD onto technologically important substrates 20170
Harshavardhan, K.S., Pique, A., Green, S.M., Patel, K., Zhang, J.R., Belohoubek, E., Edwards, R., Venkatesan, T., Denlinger, E.J., Pendrick, V., Kalokitis, D., Fathy, A., Wu, X.D., Rajeswari, M., Smith, A. Microwave compatible $YBa_2Cu_3O_{7-\delta}$ films on (001)MgF_2 substrates 43340
Harshavardhan, K.S. *see* Iyer, S.B. 34639
Harshavardhana, P. *see* Anderson, J. 37599
Harshbarger, J.H. *see* Gray, J.E. 15798
Harshe, G., Dougherty, J.P., Newnham, R.E. Theoretical modelling of multilayer magnetoelectric composites 2715
Harshe, G., Dougherty, J.P., Newnham, R.E. Theoretical modelling of 3-0/0-3 magnetoelectric composites 2716
Harster, T.E., Mattox, D.M. AlN-compatible thick film binder glasses and pastes 17881
Hart, A.van der *see* van der Hart, A.
Hart, B. *see* Shelah, S. 526
Hart, B. *see* van den Hemel, M. 38192
Hart, C.A. CDRAM in a unified memory architecture 41882
Hart, D.W. Using PSpice for undergraduate design projects in power electronics 142
Hart, G. *see* Anderson, G. 38901
Hart, G. *see* Lyford, R. 45479
Hart, G.W., Bouloutas, A.T. Correcting dependent errors in sequences generated by finite-state processes 21464
Hart, G.W. *see* Kelekar, S.G. 14119
Hart, H.R., Jr. *see* Benz, M.G. 11517
Hart, J.C. *see* Foster, B. 31714
Hart, L. *see* Tan Le 42528
Hart, M. *see* Bergemont, A. 18742
Hart, M.C., Thurston, E.P., Andruk, W., Reddy, T.B. Performance and safety characteristics of primary lithium manganese dioxide systems 17186
Hart, M.S., Bloethe, W.G., Deeb, N.I. Economical strategies for mitigating inductive interference on joint utility and railroad corridor 40590
Hart, N., Haugli, H.-C., Poskett, P., Smith, K. Inmarsat's personal communicator system 37745
Hart, N. *see* Haugli, H.-C. 30637
Hart, S.G., Battiste, V. Field test of video game trainer 7694
Hart, T. *see* Taylor, R. 35345
Hart, W. *see* Bogorad, A. 39304
Hartanto, F., Sirisena, H.R. Message loss study of leaky bucket algorithms 37064
Hartanto, V.F. *see* Waterman, M.G. 37574
Harte, J. *see* Socolow, R.H. *(editor)* 26038
Hartel, W. Krummel's first ten years 16521
Hartel, W. *see* Bilger, H. 47668
Hartelt, M. *see* Steinborn, S. 26233
Hartemann, F. *see* Zhang, R. 43690
Hartemann, F.V. *see* Chu, T.S. 43704
Hartemann, F.V. *see* Gover, A. 35903
Hartemann, P. *see* Mage, J.C. 27137
Harten, A.van *see* van Harten, A.
Harter, A., Hopper, A. A distributed location system for the active office 37507
Harter, D. *see* Fermann, M.E. 35746
Hartfelder, M. *see* Freisleben, B. 41103
Hartfield, R.J., Jr. *see* Hollo, S.D. 31519
Hartford, D.N.D. *see* Nielsen, N.M. 47803
Hartford, E.H., Jr. *see* Pambianchi, M.S. 20181
Hartgrove, R. DFM—design for manufacture: a view towards a process 34346
Harth, A., Janker, R. Optically pumped far-infrared lasers with standing-wave-and ring-resonators—a comparison 12279
Harth, A., Volkholz, P. Gain of a CW optically pumped far-infrared laser with sandwich resonator 43717
Harth, W., Bogner, W., Gaul, L., Claassen, M. A comparative study on the noise measure of millimetre-wave GaAs Impatt diodes 27230
Harth, W., Johannes, T.W. Threshold current of gain-coupled DFB lasers 28839
Harthong, J. *see* Mechahougui, S. 29065
Hartimo, I. *see* Laakso, T.I. 13410
Hartiti, B., Schindler, R., Slaoui, A., Wagner, B., Muller, J.C., Reis, I., Eyer, A., Siffert, P. Towards high efficiency silicon solar cells by rapid thermal processing 48122
Hartiti, B., Slaoui, A., Muller, J.-C., Siffert, P. Phosphorus gettering by rapid thermal processing 10804
Hartiti, B., Slaoui, A., Stuck, R., Muller, J.-C., Siffert, P. Phosphorus glass doping of polycrystalline silicon during rapid thermal annealing 10847
Hartiti, B. *see* Muller, J.-C. 10817
Hartkopf, T., Birnbreier, H. The new generation of ABB's high energy batteries 48334
Hartl, I. *see* Hauser, E. 39041
Hartleben, B., Wendel, C. Condition-dependent machine maintenance system ('Zumwart') for monitoring engines in energy units 47715
Hartless, M.L. A likelihood ratio test using edge information for false alarm mitigation 29839
Hartley, D.A., Harvey, D.M. Analysis of the TMS320C40 communication channels using timed Petri nets 18754
Hartley, D.A., Harvey, D.M. Enhanced interprocessor communication strategies for parallel TMS320C40 digital signal processor systems 34111
Hartley, D.A. *see* Kshirsagar, S.P. 22098
Hartley, D.A. *see* Kshirsagar, S.P. 34105
Hartley, J.G. *see* Groves, T.R. 2301
Hartley, J.G. *see* Hardwick, N.E., III 6022
Hartley, J.G. *see* Pfeiffer, H.C. 27908
Hartley, M.D. *see* Bezille, J. 47510
Hartley, R.H. *see* Folkard, M.A. 9563
Hartley, S.C. *see* Buzak, T.S. 23812
Hartley, T.T. *see* Immel, S.M. 24447
Hartley-Davies, R. *see* Younger, E.J. 22815
Hartlieb, E., Bartmann, W.P. Possibilities of hardening CTC-windings used in transformers 16936
Hartman, N.F. *see* Kim, Y.W. 3151
Hartman, R.C. *see* Thompson, D.J. 7145
Hartman, R.E. *see* Flam, R.P. 38189
Hartman, R.F., Kelly, C.E. MOD-RTG multicouple test results and mission readiness 7551
Hartman, S. *see* Rosenzweig, J. 42357
Hartman, S.C., Barov, N., Pellegrini, C., Park, S., Rosenzweig, J., Travish, G., Zhang, R., Clayton, C., Davis, P., Everett, M., Joshi, C., Hairapetian, G. Initial measurements of the UCLA RF photoinjector 38818
Hartman, S.L. *see* DellaVilla, S.A. 25230
Hartmann, A. *see* Hollander, B. 27658
Hartmann, A. *see* Vescan, L. 41338
Hartmann, B. *see* Friedrich, M. 15334
Hartmann, C.R.P. *see* Han, Y.S. 36505
Hartmann, C.S., Chen, D.P., Heighway, J. Modelling of SAW transversely coupled resonator filters using coupling-of-modes modeling technique 2757
Hartmann, C.S., Chen, D.P., Heighway, J. Experimental determination of COM model parameters for SAW transversely coupled resonator filter 2777
Hartmann, D., Jandrasits, A., Pohlmann, H., Schinagl, E. Mechanical load testing on insulator chains for 380 kV electric power transmission lines 32456
Hartmann, G. *see* Bouziane, A. 46342
Hartmann, H. *see* Eisenmann, H. 27949
Hartmann, H. *see* Waas, T. 28010
Hartmann, H.-D., Hillmann-Ruge, Th. Yield and reliability of laser formed vertical links 19668
Hartmann, H.L. *see* Zhang, Z. 5160

Hartmann, J. *see* Hauptmann, P. 6402
Hartmann, K., Weber, J. Multivision system for 3D measurement within camera vision 46505
Hartmann, M.J. Considerations for DC calculations 32388
Hartmann, O. *see* Castelli, B. 16714
Hartmann, S.R. *see* Arend, M. 11577
Hartmann, T. *see* Schwarze, V.S. 39341
Hartmann, U. *see* Sorensen, H.B.D. 4491
Hartmann, W. *see* Gebel, R. 8699
Hartmann, W. *see* Hutter, G. 9976
Hartmann, W. *see* Lins, G. 48002
Hartmann, W.J.A.M., Verhulst, A.G.H., van Haaren, J.A.M.M., Blommaert, F.J.J. The possibilities of ferroelectric liquid crystals for video displays 15125
Hartmannsgruber, E. *see* Lange, P. 19593
Hartnagel, H.-L. *see* Bock, K. 27316
Hartnagel, H.L. New concepts of heterostructure transistors 28207
Hartnagel, H.L. *see* Beilenhoff, K. 19129
Hartnagel, H.L. *see* Bock, K. 19290
Hartnagel, H.L. *see* Bock, K. 42239
Hartnagel, H.L. *see* Eisenbach, A. 26434
Hartnagel, H.L. *see* Fricke, K. 31182
Hartnagel, H.L. *see* Fricke, K. 43092
Hartnagel, H.L. *see* Grub, A. 10466
Hartnagel, H.L. *see* Hashizume, T. 42709
Hartnagel, H.L. *see* Miao, J. 2059
Hartnagel, H.L. *see* Raabe, P. 15439
Hartnagel, H.L. *see* Schweeger, G. 42556
Hartnell, B. *see* Gunther, G. 522
Hartner, G. *see* Bailey, D. 38920
Hartner, K.P. *see* Frederick, E.C. 15691
Hartnett, K. Plastic strip molding improves quality 17818
Hartney, M.A. Modelling of resist performance 42814
Hartney, M.A., Kunz, R.R., Eriksen, L.M., LaTulipe, D.C. Comparison of liquid-and vapor-phase silylation processes for 193-nm positive-tone lithography 11033
Hartney, M.A., Kunz, R.R., Eriksen, L.M., LaTulipe, D.C. Comparison of liquid- and vapor-phase silylation processes for 193-nm positive-tone lithography 11072
Hartney, M.A. *see* Horn, M.W. 10924
Hartney, M.A. *see* Kunz, R.R. 2342
Hartney, M.A. *see* Kunz, R.R. 27826
Hartoog, M. *see* Shiffer, J. 18666
Hartsock, D.C. *see* Liggett, K.K. 7544
Hartsock, D.C. *see* Solz, T.J. 39279
Hartsough, C. *see* Baroth, E. 38416
Hartsough, N.E. *see* Barber, H.B. 15748
Hartung, F., Husoy, J.H. Wavelet and subband coding of images—A comparative study 22118
Hartung, W. *see* Moffat, D. 15431
Hartung, W. *see* Padamsee, H. 6995
Hartung, W. *see* Padamsee, H. 15428
Hartvigsen, J., Elangovan, S., Khandkar, A. Analysis of multistage oxidation in fuel cells 17317
Hartweg, M. *see* Jiang, X. 9611
Hartwell, R. *see* Tsai, M.-S. 24847
Hartwell, R.E. A portable maintenance aid applied to battle damage assessment 24421
Hartwick, G.G. *see* Chai, D.T. 6245
Hartwig, A., Hennemann, O.-D. Debonding of adhesively joined electronic circuits for recycling 17835
Hartwig, F., Lacroix, A. Analysis of floating-point quantization errors using stochastic models 13409
Hartwig, H. Local boundedness and continuity of generalized convex functions 552
Hartwig, H. *see* Balewski, K. 46775
Harty, R.B., Otting, W.D., Kudija, C.T. Applications of Brayton cycle technology to space power 39306
Hartzenberg, P.D. *see* Gieras, J.F. 17540
Hartzenberg, P.D. *see* Gieras, J.F. 40629
Hartzler, A.W. *see* Dzwonczyk, R. 39060
Hartzler, W.D. *see* Yang, L.W. 11167
Haruki, R. *see* Toraichi, K. 15871
Haruna, M., Sewai, H., Nishihara, H., Ikunishi, S., Gozen, T., Tanaka, H. Efficient laser oscillation in thermally Nd-diffused $MgO:LiNbO_3$ singlemode waveguides 43763
Haruna, Y. *see* Shizuma, K. 15686
Haruta, K. *see* Sato, Y. 28728
Harutjunian, Z.E., Grudinin, A.B. Eigenstates of polarization of elliptical single-mode fibers 43410
Harvey, A.J. *see* Bangert, U. 43870
Harvey, A.J. *see* Faux, D.A. 35826
Harvey, B. A high-voltage ATE pin driver 14893
Harvey, B. Dual-amplifier designs increase the accuracy of current-feedback amps 18510
Harvey, D.M. *see* Hartley, D.A. 18754
Harvey, D.M. *see* Hartley, D.A. 34111
Harvey, D.M. *see* Kshirsagar, S.P. 22098
Harvey, D.M. *see* Kshirsagar, S.P. 34105
Harvey, D.T. *see* Fitzsimmons, G.W. 29371
Harvey, E., Bouchard, M., Langlois, P. Holographic interferometry and moire deflectometry for visualization and analysis of low-gravity experiments on laser materials processing 9499
Harvey, E.C., Rumsby, P.T., Gower, M.C., Mihailov, S., Thomas, D. Excimer lasers for micromachining 44172
Harvey, E.C. *see* Shaw, M.J. 3423
Harvey, J. *see* Cattaneo, M. 38897
Harvey, J.E., Kotha, A. Sparse array configurations yielding uniform MTFs in reciprocal path imaging applications 36222
Harvey, K. Portable network analyzers troubleshoot wireless systems 46333
Harvey, K. The development of combined heat and power in the UK 47746
Harvey, M.G. *see* Martinelli, R.U. 35839
Harvey, P.R., Mansfield, P. Resonant trapezoidal gradient generation for use in echo-planar imaging 24231
Harvey, R.E. *see* Fitzpatrick, A.R. 32449
Harvey, R.J. *see* Bratt, A.H. 28272
Harvey, R.J.A., Bratt, A.H., Dorey, A.P. A review of testing methods for mixed-signal ICs 1344
Harvey, R.J.A., Bruls, E.M.J.G., Richardson, A.M.D., Baker, K. Test evaluation for complex mixed-signal ICs by introducing layout dependent faults 27095
Harvey, R.L., Heinemann, K.G. Biological vision models for sensor fusion 21979
Harvey, S. *see* Park, S.K. 26280
Harvey, T.E. *see* Reintsema, C.D. 28405
Harvey, T.G., Laidler, D., Summersgill, P., Carter, N., Bone, D.J., Ryan, T.G., McRobbie, G. Microfabrication of mould masters for passive polymer optical waveguide devices 43453
Harvey-Horn, H. User-defined benchmarks help evaluate IC physical libraries 9883
Harwit, A. *see* Lord, S.M. 11599
Harwood, K. *see* Halverson, C.A. 39321
Harwood, L., Biallas, G., Guerra, A., Heilbrunn, W., Karn, J. Magnet design and performance for the CEBAF beam transport system 15527
Hasai, H. *see* Shizuma, K. 15686
Hasako, S. *see* Koga, T. 1097
Hasama, T. Terawatt XeCl laser system 43713
Hasan, A. *see* Abbott, B. 7245
Hasan, A. *see* Beckman, P. 6843
Hasan, A.R., Johnson, J.A., Lewison, C.S. A survey of harmonic levels in a small utility 47363
Hasan, H. *see* Schonfeld, R. 8866
Hasan, J., Hirvonen, K., Varri, A., Hakkinen, V., Loula, P. Validation of computer analysed polygraphic patterns during drowsiness and sleep onset 15847
Hasan, J. *see* Varri, A.O. 39071
Hasan, M.-A. *see* Radnoczi, G. 41263
Hasan, M.-A. *see* Tsu, R. 18221
Hasan, P. Mean cycle slip time of first-order phase-locked loop with limiter phase detector 41717
Hasan, R., Ciemniecki, A. Shielding materials in flowing mixed gas 44380
Hascher, W. Communications test gear requirements for ISDN and FDDI 45635
Haschka, F. *see* Warthmann, W. 48249
Hasdell, N.B. *see* Patel, A. 28341
Hase, A. *see* Kaden, C. 34856
Hase, A. *see* Kunzel, H. 9639
Hase, A. *see* Kunzel, H. 18187
Hase, H. *see* Fujita, K. 39716
Hase, T. Transmission for digital video signals coded by CCITT H.261 on a private broadband LAN using co-axial cable 37398
Hase, U. Evaluation of semiconductor process cleanness by chemical analysis 19244
Hasebe, A., Imai, T., Otsuki, E. Magnetic properties of $La_2Co_{17-x-y}Fe_xTi_y$ and $La_2Co_{17-x-y}Fe_xTi_yN_z$ 11461
Hasebe, H. *see* Ido, S. 15574
Hasebe, N. *see* Sakaguchi, K. 4268
Haseborg, J.L.ter *see* ter Haseborg, J.L.
Haseborg, J.Luiken ter *see* Luiken ter Haseborg, J.
Hasegawa, A. Soliton-based communication 38001
Hasegawa, A., Maruyama, Y., Yasunaga, S. Development of network echo canceller 14076
Hasegawa, A. *see* Matsumoto, M. 29020
Hasegawa, A. *see* Yasuda, S. 18833
Hasegawa, B.H., Lang, I.F., Brown, J.K., Gingold, E.L., Reilly, S.M., Blankespoor, S.C., Liew, S.C., Tsui, B.M.W., Ramanathan, C. Object-specific attenuation correction of SPECT with correlated dual-energy X-ray CT 15761
Hasegawa, B.H. *see* Soo Chin Liew 31868
Hasegawa, F. *see* Kumagai, Y. 19607
Hasegawa, F. *see* Kumagai, Y. 41282
Hasegawa, H. The trend of discussion on MLS SARPs 7566
Hasegawa, H., Hotta, N. Development of cable laying equipment for ultra high voltage cable 25004
Hasegawa, H., Inoue, A. Approach to nation-wide network simulation making virtual reality for telecommunication network management 5368
Hasegawa, H., Katsukawa, K., Itoh, T., Noguchi, T., Kaneko, Y. High reliability power GaAs MESFET under RF overdrive condition 1516
Hasegawa, H., Tanaka, W. Implementation of a communication SDL specification 30284
Hasegawa, H. *see* Bing Xiong Yang 41317
Hasegawa, H. *see* Fujikura, H. 41320
Hasegawa, H. *see* Fujimoto, S. 20266
Hasegawa, H. *see* Goto, S. 41316
Hasegawa, H. *see* Hashizume, T. 42709
Hasegawa, H. *see* Katayama, A. 25572
Hasegawa, H. *see* Kawai, T. 7963
Hasegawa, H. *see* Schweeger, G. 42556
Hasegawa, H. *see* Wu, N.-J. 42557
Hasegawa, I., Sasaki, T. Board-to-board connectors perform parallel transmission for multiple signals 34449
Hasegawa, J., Mori, K., Toriwaki, J., Anno, H., Katada, K. Automated extraction of lung cancer lesions from multi-slice chest CT images by using three-dimensional image processing 15813
Hasegawa, J. *see* Gibson, G. 8139
Hasegawa, J. *see* Gibson, G. 25216
Hasegawa, J. *see* Iriguchi, N. 24221
Hasegawa, J. *see* Kameoka, N. 39547
Hasegawa, K., Miyaoka, Y., Miyajima, Y., Ishii, K., Hiramatsu, M., Kimura, S., Tachibana, S. Extended capacity and high speed magnetic field modulation recording for 3.5″ magnetooptical disk 3232
Hasegawa, K., Miyazaki, Y. Optical mode conversion by magnetostatic surface waves in multilayered waveguides 3235
Hasegawa, K. *see* Abe, K. 7260
Hasegawa, K. *see* Abe, K. 15619
Hasegawa, K. *see* Abe, K. 46930
Hasegawa, K. *see* LiQun Ma 26255
Hasegawa, K. *see* Ohki, H. 15075
Hasegawa, K. *see* Torii, Y. 35254
Hasegawa, K.-i., Sugiura, H., Michiki, K.-i., Takahashi, H., Hayakawa, Y., Inada, T. A proton profile monitor using an amorphous silicon photodiode array 7387
Hasegawa, M., Mimura, M., Takahashi, K., Makimoto, M. A direct conversion receiver employing a frequency multiplied digital phase-shifting demodulator 18540
Hasegawa, M., Moroga, K., Okada, M., Okada, O., Hidaka, Y. Computer simulation of the dynamic process of mark formation for magneto-optical memory 35510
Hasegawa, M., Niizuma, K. Evaluation of contact surface configuration with a scanning laser microscope 19188
Hasegawa, M. *see* Inoue, K. 17559
Hasegawa, N. *see* Kitsukawa, G. 26921
Hasegawa, N. *see* Kitsukawa, G. 26953
Hasegawa, N. *see* Matsumoto, T. 20484
Hasegawa, N. *see* Moniwa, A. 27848
Hasegawa, S. Application of photosensitive, low-CTE polyimide for thin-film multilayer substrates 9249
Hasegawa, S., Okanoue, Y., Egawa, T., Sakauchi, H. Control algorithms of SONET integrated self-healing networks 38065
Hasegawa, S. *see* Sakauchi, H. 13952
Hasegawa, S. *see* Sakauchi, H. 14619
Hasegawa, S. *see* Uchida, T. 27791
Hasegawa, T., Betsui, T., Ohnishi, S., Takeda, M., Seto, M., Murakami, S., Kohan, T. Development of a large-capacity static Var generator using self-commutated inverters for improving power transmission system stability 7789
Hasegawa, T., Hashimoto, O., Nagae, T., Sekimoto, M. A large silica aerogel Cherenkov counter for SKS 46862
Hasegawa, T., Inoue, K., Oda, K. Polarization independent frequency conversion by fiber four-wave mixing with a polarization diversity technique 20991
Hasegawa, T., Ito, S., Iwata, H. Surface grounded 22 kV molded transformer for spot network 39469
Hasegawa, T., Kimura, K., Shibuya, Y. Effect of applied voltage frequency on swarming pulsive microdischarges in closed voids 11386
Hasegawa, T., Takashima, D., Ogiwara, R., Ohta, M., Shiratake, S.-I., Hamamoto, T., Yamada, T., Aoki, M., Ishibashi, S., Oowaki, Y., Watanabe, S., Masuoka, F. An experimental DRAM with a NAND-structured cell 26920
Hasegawa, T., Takashima, D., Ogiwara, R., Ohta, M., Shiratake, S.-i., Hamamoto, T., Yamada, T., Aoki, M., Ishibashi, S., Oowaki, Y., Watanabe, S., Masuoka, F. An experimental DRAM with a NAND-structured cell 26952
Hasegawa, T. *see* Hashimoto, Y. 7701
Hasegawa, T. *see* Inoue, K. 5974
Hasegawa, T. *see* Kasahara, S. 9387
Hasegawa, T. *see* Kawano, H. 13887
Hasegawa, T. *see* Kawano, H. 30319
Hasegawa, T. *see* Kurita, H. 20036
Hasegawa, T. *see* Miyajima, T. 5185
Hasegawa, T. *see* Miyajuma, T. 13849
Hasegawa, T. *see* Murakami, Y. 20416
Hasegawa, T. *see* Okazaki, I. 5722
Hasegawa, T. *see* Takine, T. 5169
Hasegawa, T. *see* Ting-Jie Luee 13881
Hasegawa, T. *see* Wada, M. 24908
Hasegawa, T. *see* Yoshimoto, M. 22353
Hasegawa, U. *see* Ushida, K. 48035
Hasegawa, Y., Lyo, I.-W., Avouris, P. Electronic properties of nanometer-size metal-semiconductor point contacts studied by STM 42558
Hasegawa, Y. *see* Abe, K. 7260
Hasegawa, Y. *see* Abe, K. 15619
Hasegawa, Y. *see* Abe, K. 46930
Hasegawa, Y. *see* Egawa, T. 12212
Hasegawa, Y. *see* Egawa, T. 35860
Hasegawa, Y. *see* Harada, N. 25358
Hasegawa, Y. *see* Saitoh, Y. 31928

Hasegawa, Y. *see* Yoshikawa, K. 25353
Hasegawa Ken-ichi *see* Ken-ichi Hasegawa
Haselbauer, J. *see* Jennewein, E. 23963
Haselbeck, S. *see* Schwider, J. 12457
Haselhoff, E.H. Free-electron-laser model without the slowly-varying-envelope approximation 43956
Hasemi, A. *see* Yodo, S. 3284
Hasenberg, T.C. *see* Eun-Hee Cirlin 42407
Hasenberg, T.C. *see* Schulman, J.N. 42508
Hasenohrl, S. *see* Hjelt, K.T. 9589
Hasenpusch, A. *see* Michalik, W. 8424
Haseroth, H. *see* Amendola, G. 15300
Haseyama, M., Naga, N., Miki, N. A realization method for ARMA lattice filter with reduced number of coefficients 29728
Haseyama, M., Nagai, N., Miki, N. An adaptive ARMA lattice filter for spectral estimation with frequency weighting 13424
Hashem, A. *see* Mohamed, Y. 40516
Hashemi, A. *see* Navabi, Z. 1179
Hashemi, H. Impulse response modeling of indoor radio propagation channels 4100
Hashemi, H., Olla, M., Spooner, C., Walshak, D. Enabling technologies for low-count chip packaging 33379
Hashemi, H., Yun, G., Kavehrad, M., Behbahani, F., Galko, P. Frequency response measurements of the wireless indoor channel at infrared optics 45978
Hashemi, M. *see* Ibbetson, J.P. 2438
Hashemi, M.M., Kiziloglu, K., Shealy, J.B., DenBaars, S.P., Mishra, U.K. $Ga_{0.51}In_{0.49}P$ channel MESFET 19891
Hashemi, M.M., Shealy, J.B., Corvini, P.J., Denbaars, S.P., Mishra, U.K. High performance InP JFETs grown by MOCVD using tertiarybutylphosphine 43003
Hashemi, M.M. *see* Shealy, J.B. 28191
Hashemi, M.M. *see* Shealy, J.B. 43012
Hashemi, M.M. *see* Yin, L.-W. 2548
Hashemi, M.M. *see* Yokogawa, T. 42473
Hashemi, R. *see* Adams, J.W. 27082
Hashemi, S.A. *see* Bahram-pour, A.R. 11975
Hashemi G, S.M.R. *see* Bathaee, S.M.T. 8375
Hashemian, H.M. *see* Holbert, K.E. 32602
Hashemian, R. Multiplication using fast multioperand adder 10083
Hashiguchi, G., Sakamoto, H., Kanazawa, S., Mimura, H. Wedge-shaped silicon emitter fabricated by new method 27408
Hashiguchi, G., Sakamoto, H., Kanazawa, S., Mimura, H. Fabrication and emission characteristics of new wedge-shaped silicon emitters 42354
Hashiguchi, S., Horiuchi, H., Ohki, M., Yajima, M., Tacano, M. Temperature dependence of $1/f$ noise in AlGaAs/InGaAs HEMT 19883
Hashiguchi, Y. *see* Ikeda, S. 6273
Hashii, M. *see* Osawa, H. 25379
Hashim, I., Park, B., Atwater, H.A. Epitaxial growth of Cu(001) on Si(001): mechanisms of orientation development and defect morphology 770
Hashim, M. *see* Shaari, A.H. 881
Hashimoto, A. *see* Sugahara, H. 5841
Hashimoto, A. *see* Takahashi, K. 23771
Hashimoto, A. *see* Tamura, M. 1911
Hashimoto, C.M., Miura, H., Asayama, K., Ohta, H., Ikeda, S. Dislocation free gate process using in situ doped polysilicon thin films by crystallization-induced stress of the films 19869
Hashimoto, F. *see* Ohki, T. 8247
Hashimoto, H. *see* Hamada, S. 19310
Hashimoto, H. *see* Ikeda, M. 17141
Hashimoto, H. *see* Jozawa, H. 13491
Hashimoto, H. *see* Matsuoka, N. 39616
Hashimoto, J., Katsuyama, T., Yoshida, I., Hayashi, H. Strain-induced effects on the performance of AlGaInP visible lasers 12175
Hashimoto, J. *see* Ikegami, N. 27692
Hashimoto, J. *see* Miyakawa, Y. 10960
Hashimoto, K. Linear modal analysis of out-of-phase instability in boiling water reactor cores 16557
Hashimoto, K. New phenomena of charge damage in plasma etching: heavy damage only through dense-line antenna 27694
Hashimoto, K. Comment on 'Control-rod interference effects observed during reactor physics experiments with nuclear ship MUTSU' 33119
Hashimoto, K., Endo, M., Sasago, M. Novel silicon-containing negative resist for bilayer application in electron beam direct writing 2281
Hashimoto, K., Hirose, M., Shibata, T. Interpretation of positive scram reactivity in the RBMK-1000 reactor 39857
Hashimoto, K., Katsuyama, A., Endo, M., Sasago, M. New chemically amplified positive resist for electron beam lithography 42794
Hashimoto, K., Kawauchi, K. Prevention of electron emission from negative electrode in a beam direct energy converter using localized magnetic field 38799
Hashimoto, K., Matsumura, F., Fujita, M. H^{∞} robust control of a magnetic suspension system with double flexible beam 11508
Hashimoto, K., Mochida, T., Sato, Y., Kobayashi, T., Shirai, K. High quality synthetic speech generation using synchronized oscillators 21692
Hashimoto, K., Nomura, M. Digital video & audio broadcasting service by communication satellite 5834
Hashimoto, K. *see* Makino, B.Y. 10565
Hashimoto, K. *see* Mizusaki, J. 17364
Hashimoto, K. *see* Shibata, H. 10968
Hashimoto, K. *see* Shibata, H. 42771
Hashimoto, K. *see* Shiomi, T. 13016
Hashimoto, K. *see* Yamaguchi, R. 17380
Hashimoto, K.-Y., Yamada, Y., Ienaka, T., Yamaguchi, M. Miniaturised ultrasonic-wave velocity and attenuation sensors for liquid 14953
Hashimoto, K.-y. *see* Rajendran, V. 6482
Hashimoto, M. A geometrical optics concept for wave-normal rays in dielectric waveguides: applications to the analysis of dielectric tapered waveguides 12665
Hashimoto, M. Geometrical optics based on wave-normal rays: application to dielectric waveguides 21334
Hashimoto, M., Fujiwara, E. Generalized marching test for detecting pattern sensitive faults in RAMs 10168
Hashimoto, M., Ishibashi, S., Fukuda, Y., Kitayama, K. GaAs-pin/ferroelectric liquid crystal spatial light modulator (GaAs-pin/FLC=SLM) and its applications 11704
Hashimoto, M. *see* Hirata, Y. 27052
Hashimoto, M. *see* Komiyama, A. 43419
Hashimoto, M. *see* Morimoto, K. 17544
Hashimoto, N. *see* Ohsawa, J. 6485
Hashimoto, N. *see* Sasaki, K. 26924
Hashimoto, N. *see* Sasaki, K. 34048
Hashimoto, N. *see* Yamanaka, T. 26960
Hashimoto, O. 50 GHz-band wave absorber using FRP incorporated with silicon carbide fiber 12576
Hashimoto, O., Hirabayashi, K., Ikeda, K., Yoshida, T. A study on multi-beam forming using sphere lens antenna 44585
Hashimoto, O., Inoue, T., Soh, T. Theoretical and experimental study on the wave absorber for metal cylinders with mirror-symmetrical cross section 4064
Hashimoto, O., Motoyoshi, S. A study on the wide-band wave absorber coating cylinder 44309
Hashimoto, O., Takayanagi, N. A study of the pattern forming method of arbitrary conformal array antenna 12781
Hashimoto, O., Tsujimura, A. A theoretical study on the two layered wide band microwave absorber using epoxy-modified urethane rubber mixed carbon particles 36207
Hashimoto, O. *see* Hasegawa, T. 46862
Hashimoto, S. Adding elements to the Co layer in Co/Pt multilayers 20132
Hashimoto, S., Sakamoto, T., Moritani, Y., Hakozaki, J. Highly expandable compound and processing techniques for coaxial cable 5703
Hashimoto, S. *see* Dingding Chang 29996
Hashimoto, S. *see* Fujimoto, K. 11477
Hashimoto, S. *see* Hattori, K. 27910
Hashimoto, S. *see* Maesaka, A. 2804
Hashimoto, S. *see* Otsubo, M. 16460
Hashimoto, S. *see* Shin, D. 5432
Hashimoto, S. *see* Zizzo, D. 32550
Hashimoto, T. Recent progress in magnetic regenerator materials and their application 35206
Hashimoto, T., Nakano, S., Hachijin, M., Komatsu, K., Mine, Y., Hara, H. Characteristics of a downstream-mixing CO_2 gasdynamic laser caused by behavior of two supersonic flows in a laser cavity 11933
Hashimoto, T., Yoshimoto, M., Vaccaro, P.O., Matsunami, H. Reflection high-energy electron diffraction observation of surface reaction triggered by pulsed laser irradiation during GaP growth in chemical beam epitaxy 9606
Hashimoto, T. *see* Araki, K. 4953
Hashimoto, T. *see* Chen, J. 22059
Hashimoto, T. *see* Chen, J. 22061
Hashimoto, T. *see* Chen, J. 31933
Hashimoto, T. *see* Fujii, Y. 9605
Hashimoto, T. *see* Kanari, K. 25658
Hashimoto, T. *see* Kondo, M. 23146
Hashimoto, T. *see* Miyashita, H. 29386
Hashimoto, T. *see* Miyazaki, M. 10404
Hashimoto, T. *see* Nagaoka, M. 42194
Hashimoto, T. *see* Okuno, A. 383
Hashimoto, T. *see* Shimatani, T. 42924
Hashimoto, T. *see* Sugiyama, T. 20413
Hashimoto, T. *see* Sunahara, Y. 21234
Hashimoto, T. *see* Takagi, T. 19141
Hashimoto, T. *see* Takagi, T. 34283
Hashimoto, T. *see* Vaccaro, P. 26437
Hashimoto, T. *see* Yamanaka, T. 26960
Hashimoto, Y., Ito, S., Hasegawa, T., Mino, Y. Prospects for the application of superconductivity technology to power systems 7701
Hashimoto, Y., Koseki, T., Kudo, H., Maruyama, K., Masuda, H., Mutou, M., Ohkuma, H., Shinoe, K. Observation of beam-bunch lengthening in the 1.3-GeV electron synchrotron 23960
Hashimoto, Y., Yatsuzuka, M., Nobuhara, S. Effect of adsorbed matter on intense pulsed ion beam generation 15576
Hashimoto, Y. *see* Ito, H. 42757
Hashimoto, Y. *see* Ito, H. 46164
Hashimoto, Y. *see* Yorozuya, T. 40275
Hashinaga, T. *see* Yamaguchi, A. 28284
Hashizume, H. *see* Fujihira, C. 1827
Hashizume, H. *see* Sugiyama, M. 10911
Hashizume, K., Yashiki, T., Emura, O. 20-MW 4-pole turbine generator 39985
Hashizume, M., Tamesada, T., Tasaka, E., Kayahara, T., Yamazoe, T. A practical functional test using flowchart for production testing of microprocessor based successors controllers 10210
Hashizume, T., Hasegawa, H., Riemenschneider, R., Hartnagel, H.L. Process-induced defects in InP caused by chemical vapor deposition of surface passivation dielectrics 42709
Hashizume, T. *see* Ichimiya, A. 33612
Hashizume, T. *see* Wu, N.-J. 42557
Hashlamoun, W.A., Varshney, P.K. Further results on distributed Bayesian signal detection 36641
Hashmi, M.K., Shaikh, M.Z. Design of a four bit pattern matching machine 18675
Hashmi, M.S.J. *see* Cameron, D.C. 9770
Hashmi, M.S.J. *see* Karim, M.Z. 26472
Hasimoto, C., Takeda, T., Tazawa, S., Sakurai, T. Practical scheduling and line optimization technology for ASIC manufacturing lines 252
Haskard, M. *see* Pace, R. 7509
Haskell, B., Lassen, C. MCM-L technologies and applications in portable electronic systems 33377
Haskew, T.A., Carwile, R.F., Grigsby, L.L. An algorithm for steady-state thermal analysis of electrical cables with radiation by reduced Newton-Raphson techniques 47527
Haskew, T.A., Gross, C.A., Grigsby, L.L. Electromechanical vibration analysis of spacecraft transmission lines 24431
Haskins, P.M., Hall, P.S., Dahele, J.S. Polarisation-agile active patch antenna 29336
Hasko, D.G. *see* Dzurak, A.S. 1878
Hasko, D.G. *see* Smith, C.G. 42534
Haslam, J. *see* Cootes, T.F. 38962
Hasler, M. *see* Biey, M. 1000
Hasler, M. *see* Dedieu, H. 29421
Hasler, M. *see* Ogorzalek, M. 13401
Hasler, R.J. Use inexpensive SPICE files for S-parameter simulation 9904
Haslov, P., Jensen, K.B., Skovgaard, N.H. Degradation study for stressed optical fibres in water: new worst case life time estimation model 2981
Haslov, P. *see* Griffioen, W. 3002
Haslov, P. *see* Gruner-Nielsen, L. 5916
Haslund, C.A. *see* Risser, R.J. 48398
Hasman, E. *see* Davidson, N. 35959
Hasnain, G. *see* Chang-Hasnain, C.J. 3619
Hasnain, G. *see* Wiesenfeld, J.M. 12192
Hasnain, G. *see* Wu, Y.A. 28815
Hasnain, Z. *see* Ditali, A. 24065
Haspeklo, H. *see* Kosslowski, S. 19144
Haspeslagh, L. *see* Van Houdt, J. 34060
Hass, M. *see* Levinson, J. 11106
Hassaine, N., Sauv, K., Konczykowska, A., Lefevre, R. Parasitic element influence on laser driver performances for 1.3 μm fiber optical communication 5902
Hassan, A. *see* Abdel-Malek, A. 38176
Hassan, A.A. *see* Hershey, J.E. 21786
Hassan, A.S.M. *see* Nadeau-Dostie, B. 1184
Hassan, E. *see* Soualhi, A.A. 12842
Hassan, E.E. Time domain energy maximization of the Nyquist pulse shape 36681
Hassan, E.E. Effect of pulse shaping as a countermeasure for frequency selective fading 44348
Hassan, I.D., Bucci, R.M., Swe, K.T. 400 MW SMES power conditioning system development and simulation 8785
Hassan, M.H. A VLSI implementation of a thresholder for real-time image segmentation 41953
Hassan, M.H. Real-time region growing algorithm for image segmentation and target tracking 45151
Hassan, M.H., Lee, P. Speed-sensitive radio controller for smart vehicles 46193
Hassan, M.H., Oglesby, A.P. A microprocessor controlled portable communication system for the impaired 47128
Hassan, R.M. *see* Nwankpa, C.O. 24611
Hassan, R.M. *see* Nwankpa, C.O. 24628
Hassan, Y.A. *see* Cebull, P. 32594
Hassan, Y.A. *see* Davis, F.J., Jr. 47670
Hassanaly, P. *see* Dou, H. 22551
Hassanein, A.A. *see* Green, T.C. 40520
Hassanein, K., Deng, L., Elmasry, M. Maximum mutual information training of a neural predictive-based HMM speech recognition system 4493
Hassanein, K. *see* Deng, L. 44800
Hassani, A.J.Rusi El *see* Rusi El Hassani, A.J.
Hassani Sadr, G. *see* Verma, A.K. 27127
Hasse, L. *see* Cichosz, J. 23868
Hasse, R.W. *see* Hofmann, I. 31568
Hassebrook, L.G., Rahmati, M. Training set selection with multiple out-of-plane rotation parameters 30105
Hassebrook, L.G., Subramanian, A., Pai, P. Optimized three-dimensional recovery from two-dimensional images by means of sine wave structured light illumination 45136

Hassebrook, L.G. *see* Rahmati, M. 30111
Hassel, B.A.van *see* van Hassel, B.A.
Hasselman, T.K., Quartararo, R. A suspension system for large amplitude dynamic testing in a simulated weightless environment 39152
Hasselmann, F.J.V. *see* Bergmann, J.R. 36390
Hasselmann, F.J.V. *see* Bergmann, J.R. 44592
Hassenzahl, W. *see* Jackson, A. 15276
Hasserjian, K. *see* Rajagopalan, S. 34789
Hassett, D.F. *see* Peel, T.F. 34313
Hassin, D., Vahldieck, R. Improved feedforward linearization of laser diodes—simulation and experimental results 5950
Hassin, R., Henig, M. Monotonicity and efficient computation of optimal dichotomous search 534
Hassine, S. *see* Multon, B. 25397
Hassing, P.G. ISO 9000—The International Quality Imperative 40992
Hassis, H.-D. *see* Rentz, A. 47706
Hasson, R., Swithenby, S.J. Identification of discrete regions of activity using correlation coefficient scanning of distributed current maps 31938
Hasson, R. *see* Liu, M.J. 47035
Hassoun, M. *see* Ranmuthu, I.W. 10123
Hassoun, M. *see* Ranmuthu, I.W. 11506
Hassoun, M. *see* Spitzer, A.R. 24295
Hassoun, M.M. *see* Sandage, R.W. 22807
Hassoun, S. *see* Bolding, K. 34121
Hassouna, M. *see* Wei, M. 47126
Hassun, R. *see* Carey, T. 39191
Hassur, K. *see* Mansingh, V. 376
Hasting, J.S., Ayala, A. Low cost cockpit simulations for evaluating new control/display concepts 39203
Hastings, C. FIFO memories: effective, compact, and easy to use 41902
Hastings, C., Sidman, S.B. Future trends in FIFO architectures 26947
Hasuda, N., Makino, M. Computer-aided operation for nuclear power plant 25134
Hasuike, H., Hirabayashi, T., Furuta, S., Terasawa, H. Economic study on advanced batteries for electric vehicles 48389
Hasuike, K. *see* Mochinaga, Y. 17523
Hasuike, K. *see* Mochinaga, Y. 17538
Hasumi, Y. *see* Yoshimoto, N. 43533
Hasuno, S. *see* Ito, K. 46185
Hasuo, S. *see* Morohashi, S. 2903
Hasuo, S. *see* Shin'ichi Morohashi 2914
Haswell, P., Robinson, A.M. Constant power testing system for polysilicon microresistor characterization measurements 1021
Hata, H. *see* Matoba, T. 18897
Hata, I. *see* Mori, S. 32227
Hata, K., Saito, Y., Ohshita, A., Takeda, M., Morita, C., Noda, T. In situ HV-TEM observation of the liquid cone formation process in a liquid metal field emission gun 42378
Hata, M. *see* Nagano, I. 29699
Hata, N. *see* Kamel, T. 33707
Hata, N. *see* Suzuki, A. 33709
Hata, T. *see* Manic, I. 847
Hata, W. *see* Kuo, A.T. 19657
Hata, W. *see* Kuo, A.T. 34801
Hata, W. *see* Prasad, S. 20009
Hata, Y. *see* Kamiura, N. 26846
Hata, Y. *see* Murakami, K. 33130
Hatade, K. A low-loss IGBT for high-performance resonant inverters 41653
Hatade, K., Ono, T., Fukumochi, Y. An IGBT for low-loss voltage-resonant inverters 34947
Hatakenaka, T., Kaiga, T., Saito, H. A financial seal verification terminal 6260
Hatakenaka, T. *see* Ohsugi, T. 46838
Hatakenaka, T. *see* Ohsugi, T. 46839
Hatakenaka, T. *see* Tamura, N. 46889
Hatakenaka, Y. *see* Oikawa, A. 11053
Hatakeyama, H. *see* Shiraishi, K. 35544
Hatakeyama, I. *see* Aritome, S. 41883
Hatakeyama, I. *see* Ohtani, Y. 43261
Hatakeyama, S., Yajima, S., Michiyama, J., Fukuzaki, Y., Ikeda, N. 1.8-volt operating serial EEPROM 34041
Hatakeyama, T., Sasaki, C., Matuda, H. A simple electro-pincette for cells 24139
Hatakeyama, T., Yumoto, K., Dohi, Y. Fault tolerance for hexagonal systolic array 26994
Hatakeyama, T. *see* Miyagoshi, T. 33994
Hatakeyama, Y. *see* Takiyasu, Y. 30432
Hatakoshi, G., Nitta, K., Hishikawa, Y., Itaya, K., Okajima, M. High-temperature operation of high-power InGaAlP visible laser diodes 20867
Hatakoshi, G. *see* Itaya, K. 12200
Hatakoshi, G. *see* Onomura, M. 12234
Hatakoshi, G. *see* Rennie, J. 12174
Hatakoshi, G. *see* Watanabe, M. 3627
Hatalis, M.K. *see* Kouvatsos, D.N. 11230
Hatalis, M.K. *see* Kung, J.-H. 28182
Hatalis, M.K. *see* Kung, J.H. 11229
Hatalis, M.K. *see* Sarcona, G. 11111
Hatalis, M.K. *see* Sarcona, G. 28149
Hatalis, M.K. *see* Voutsas, A.T. 841
Hatalis, M.K. *see* Voutsas, A.T. 41460
Hatalis, M.K. *see* Waechter, D. 10657
Hatalis, M.K. *see* Waechter, D. 28184
Hatami-Hanza, H., Chu, P.L. Nonlinear optical directional coupler with variable coupling 35356
Hatami-Hanza, H. *see* Nayyer, J. 38090
Hatamian, M., Ackland, B., Ang, P.H., Guttag, K., Nishitani, T., Purcell, S.C., Wang, C.-S. Video compression architectures: dedicated, programmable, or hybrid? 27005
Hatamian, M. *see* Dickinson, A. 26934
Hatamian, M. *see* Rao, S.K. 26999
Hatanaka, H., Midorikawa, K., Obara, M., Tashiro, H. Multikilowatt TEA CO_2 laser driven by an all-solid-state exciter 11969
Hatanaka, H., Midorikawa, K., Obara, M., Tashiro, H. 5 kW transversely excited atmospheric CO_2 laser driven by a solid state exciter employing insulated gate bipolar transistors 12295
Hatanaka, K., Fujiwara, N., Watanabe, M., Takano, H. Dynamic tracking system for a consumer VCR 46259
Hatanaka, K. *see* Morimoto, S. 47851
Hatanaka, K. *see* Okamura, H. 31623
Hatanaka, K. *see* Tamura, N. 46889
Hatanaka, M. *see* Tokunaga, H. 14015
Hatanaka, Y. Zero current switching high frequency inverter with constant frequency power control 8654
Hatanaka, Y., Harada, H. Improved single ended resonant type ZCS high frequency inverter 16951
Hatanaka, Y. *see* Nakanishi, Y. 3348
Hatanaka, Y. *see* Okamoto, H. 6250
Hatanaka, Y. *see* Sowa, K. 3350
Hatanaka, Y. *see* Tomita, Y. 46515
Hatanaka, Y. *see* Zhou, G. 3351
Hatano, M., Tsumenaga, M. AFC applied to HVDC interconnected systems and multivariable control 16294
Hatano, M. *see* Nishino, T. 2912
Hatano, Y., Inden, K., Nakajima, T., Mizutani, M., Tanaka, S., Tadakuma, S., Moriya, H. Fuzzy set theory based speed and position controls for magnetic levitation systems 17557
Hatano, Y., Shinohara, T., Ito, H., Nakai, T. A coding scheme for HDTV signals at 100 Mbps 6217
Hatashita, H., Takahashi, J., Nagashima, T., Abe, K., Horii, S. A traffic information receiver for road/automobile communication system 5807
Hatayama, K., Hikone, K., Ikeda, M., Hayashi, T. Sequential test generation based on real-valued logic simulation 1155
Hatayama, K. *see* Hikone, K. 41749
Hatayama, T., Tarui, Y., Yoshinobu, T., Fuyuki, T., Matsunami, H. Controlled carbonization of Si(001) surface using hydrocarbon radicals in ultrahigh vacuum 41364
Hatayama, T. *see* Fukumoto, S. 17591
Hatch, W. *see* Braun, C. 24563
Hatefi, K. *see* Favre, E. 40129
Hatekeyama Ken-ichi *see* Ken-ichi Hatekeyama
Hatfield, J.V. *see* Payne, P.A. 47299
Hatfield, L.L. *see* Hegeler, F. 35127
Hathaway, M., Mehta, S., Trowbridge, T., Lai, C.S. A production process for advanced CMOS technology using selective tungsten contact fill 2655
Hatle, M., Vobecky, J. A new approach to the simulation of small-signal current gains of pnpn structures 11187
Hatle, M. *see* Vobecky, J. 2506
Hatlelid, J.E., Casey, L. The Iridium system personal communications anytime, anyplace 37743
Hatley, R. *see* Ellis, N. 38927
Hatley, R.W. *see* Foster, B. 31714
Hatoh, H., Ishikawa, M., Hirata, J., Hisatake, Y., Yamamoto, T. Viewing-angle magnification in a TN-LCD with an ultra-super-twisted liquid-crystal compensator 15132
Hatoh, H. *see* Hirata, J. 31356
Haton, J.-P. *see* Charpillet, F. 13417
Haton, J.-P. *see* Gong, Y. 4514
Haton, J.-P. *see* Smaili, K. 21701
Hatooka, Y. *see* Kimura, S. 21433
Hatori, M., Miura, H., Sunagawa, H., Takeuchi, M., Yamanouchi, K. Waveguide-type multifrequency acoustooptic modulators 3242
Hatori, M. *see* Houshuyama, O. 29524
Hatsuda, T. *see* Kadota, H. 35066
Hatsuda, T. *see* Matsuda, S. 14098
Hatsuda, T. *see* Sasaki, I. 30815
Hatsugai, N. *see* Hosoda, T. 25584
Hatsukade, I. *see* Kunieda, H. 15683
Hattangady, S., Xu, X.-L., Watkins, M.J., Hornung, B., Misra, V., Lucovsky, G., Wortman, J.J. A dual-function UHV-compatible chamber for low-temperature plasma-assisted oxidation, and (ii) high-temperature rapid thermal processing of Si-based dielectric gate heterostructures 27690
Hattangady, S., Xu, X.-L., Watkins, M.J., Hornung, B., Misra, V., Lucovsky, G., Wortman, J.J. A dual-function UHV-compatible chamber for (i) low-temperature plasma-assisted oxidation, and (ii) high-temperature rapid thermal processing of Si-based dielectric gate heterostructures 2174
Hattas, D. *see* Fukuda, A. 19277
Hatten, D.L. *see* Cui, Y. 20658
Hattersley, P. *see* Webster, K. 31792
Hattes, N.R. *see* Hardy, C.J. 7372
Hatton, V. *see* Bailey, R. 15273
Hattori, H. *see* Sagayama, S. 14081
Hattori, H. *see* Takeo, T. 6534
Hattori, K., Sato, Y. Handy rangefinder using laser scanning space-encoding method 15215
Hattori, K., Yoshikawa, R., Wada, H., Kusakabe, H., Yamaguchi, T., Magoshi, S., Miyagaki, A., Yamasaki, S., Takigawa, T., Kanoh, M., Nishimura, S., Housai, H., Hashimoto, S. Electron-beam direct writing system EX-8D employing character projection exposure method 27910
Hattori, K. *see* Kitagawa, T. 35477
Hattori, K. *see* Mizutani, T. 35163
Hattori, K. *see* Ohya, A. 32127
Hattori, K. *see* Sano, S. 23833
Hattori, K. *see* Shuto, K. 28499
Hattori, K. *see* Yamaguchi, M. 23240
Hattori, M. *see* Fujii, E. 9753
Hattori, M. *see* Ideguchi, T. 14371
Hattori, M. *see* Kato, A. 17286
Hattori, M. *see* Kurata, Y. 17635
Hattori, M. *see* Okumura, K. 17354
Hattori, M.K. *see* Vaisman, R. 24939
Hattori, R., Shirafuji, J. Numerical simulation of tunnel effect transistors employing internal field emission of Schottky barrier junction 42994
Hattori, R. *see* Kuragaki, T. 19425
Hattori, S., Kuramoto, K., Nakazawa, M. A multimedia intelligent message communication system for distributed coordination environments 5287
Hattori, S., Tanaka, K., Asano, K., Asai, K., Sakato, Y. A video CODEC for digital SNG systems 6215
Hattori, S. *see* Fukuda, T. 20072
Hattori, T. Personal communications system—evolution and deployment 5392
Hattori, T. Stereoscopic display employing head-position tracking using large format lenses 23814
Hattori, T., Nohira, H., Ohishi, K., Shimizu, Y., Tamura, Y. Initial stage of SiO_2/Si interface formation on hydrogen-terminated silicon surfaces 34710
Hattori, T., Okamura, M., Oguri, Y., Aida, T., Takeuchi, K., Sasa, K., Takahashi, Y., Ishii, Y. Plans for driver and target studies for heavy-ion inertial fusion by intense heavy-ion linac and cooler synchrotron 31561
Hattori, T., Schlegel, L., Imai, A., Hayashi, N., Ueno, T. Chemical amplification positive deep ultraviolet resist by means of partially tetrahydropyranyl-protected polyvinylphenol 11031
Hattori, T., Schlegel, L., Imai, A., Hayashi, N., Ueno, T. Chemical amplification positive deep UV resist using partially tetrahydropyranyl-protected polyvinylphenol 11059
Hattori, T. *see* Akasaka, N. 5917
Hattori, T. *see* Himi, H. 27720
Hattori, T. *see* Oguri, Y. 31559
Hattori, T. *see* Okamura, M. 31560
Hattori, T. *see* Taguchi, T. 18155
Hattori, T. *see* Takeda, O. 15522
Hattori, T. *see* Tomizawa, M. 15571
Hattori, T. *see* Watanabe, T. 33135
Hatzakis, M. *see* Glezos, N. 28051
Hatzakis, M. *see* Gogolides, E. 28035
Hatzakis, M. *see* Raptis, I. 27951
Hatziathanassiou, V., Xypteras, J., Archontoulakis, G. Electrical-thermal coupled calculation of an asynchronous machine 25442
Hatzinakos, D. Analysis of floating point roundoff errors in the estimation of higher-order statistics 21793
Hatzinakos, D. Blind equalization using decision feedback prediction and tricepstrum principles 44952
Hatzinakos, D. *see* Ilow, J. 29410
Hatzinakos, D. *see* Martens, R.L.J. 13655
Hatzipantelis, E., Penman, J. The use of hidden Markov models for condition monitoring electrical machines 8276
Hatzold, P. Measuring immunity for TV receivers 46190
Hatzopoulos, A.A. *see* Papakostas, D.K. 10356
Hatzopoulos, A.A. *see* Papakostas, D.K. 28256
Hatzopoulos, Z. *see* Dimoulas, A. 2567
Haub, J.G., Johnson, M.J., Orr, B.J. Spectroscopic and nonlinear-optical applications of a tunable β-barium borate optical parametric oscillator 3856
Haub, J.G. *see* Fix, A. 3853
Haubitzer, W. Field and force distribution in high field strength dry magnetic roller separators using axially magnetised permanent magnets 47830
Haubrich, H.-J. Medical effects of low frequency electric and magnetic fields 47130
Haubrich, H.-J., Nick, W.R. Adequacy and security of power systems at planning stage 24841
Haubrich, H.-J., Seitz, T. Electrical and magnetic fields around overhead transmission lines 39117
Haubrich, H.-J. *see* Seitz, T. 32361
Haubrich, H.-J. *see* Wolff, G.B. 16275
Haubrich, H.J., Gross, J., Orzeszko, A.S. Integrated active and reactive power optimization as applied to the Deutsche Bundesbahn traction power supply system 17532
Hauck, B. A DC/DC converter with two-switch structure for efficiency improvement and integrated power supply 16727

Hauck, B. BATTMAN—a battery management system 48303
Hauck, J. *see* Blair, R. 28756
Haude, M. *see* Fritsch, J.P. 24204
Hauden, D., Hoummady, M., Tirole, N., Hivert, B. Resonant sensors using elastic surface waves 46419
Hauden, D. *see* Tirole, N. 29112
Hauenschild, J., Felder, A., Kerber, M., Rein, H.-M., Schmidt, L. A 22 Gb/s decision circuit and a 32 Gb/s regenerating demultiplexer IC fabricated in silicon bipolar technology 14668
Hauenschild, J. *see* Felder, A. 10250
Hauenschild, J. *see* Felder, A. 34140
Hauer, A. *see* Harris, D.B. 3422
Hauer, J.F. *see* Grund, C.E. 16212
Hauer, J.F. *see* Grund, C.E. 24698
Hauer, J.F. *see* Smith, J.R. 24720
Hauffe, P. *see* Dewald, N. 16197
Haug, F. *see* Grunenwald, C. 9414
Haug, H. *see* Kaden, C. 20808
Haug, M. *see* Zhou, R. 6628
Haug, R.J., Pothier, H., Weis, J., Klitzing, K.v., Ploog, K. Single-electron transistors realized in in-plane-gate and top-gate technology 43030
Haug, R.J. *see* Hirayama, Y. 10700
Hauge, R.H. *see* Zhu, M. 33750
Haugen, P.R. *see* Kirmani, S.F. 1756
Haugh, J. *see* Whittington, G. 30867
Haugh, J. *see* Whittington, G. 30887
Haughland, E.J. *see* Schacham, S.E. 2596
Haugli, H.-C., Hart, N., Poskett, P. Inmarsat's future personal communicator system 30637
Haugli, H.-C. *see* Hart, N. 37745
Hauglie, J.E. *see* Morrison, G.L. 46684
Haugset, K., Fordestrommen, N.T. Realisation of the integrated control room concept ISACS 39800
Haugsjaa, P.O. *see* Silletti, A. 3400
Hauk, R. *see* Fohrmann, F. 8673
Hauke, J. *see* Falk, J. 34349
Hauksdottir, A.S. *see* Haraldsdottir, A. 25242
Hauksson, I. *see* Kawakami, Y. 20853
Haule, D.D., Noorhosseini, S.M., Malowany, A.S. Teleprogramming a cooperative space robotic workcell for space station 47157
Haulik, T. *see* Bailey, V. *(editor)* 40764
Haumann, J. *see* Kampmann, S. 15230
Haumesser, F.P., Kriebel, D., Sanyal, A. Diagnostic techniques for power plant performance enhancement 47720
Haunschild, A. *see* Dickert, F.L. 46383
Haupt, G. *see* Emsperger, W. 40026
Haupt, R.L. Grating lobes in the scattering patterns of edge-loaded strips 21215
Haupt, S.G., Riley, D.R., McDevitt, J.T. Conductive polymer/high-temperature superconductor composite structures 28400
Hauptmann, P., Lucklum, R., Hartmann, J., Auge, J., Adler, B. Using the quartz microbalance principle for sensing mass changes and damping properties 6402
Haus, A.G. Technological improvements in mammography over the past 20 years 15810
Haus, H.A., Ippen, E.P., Tamura, K. Additive-pulse modelocking in fiber lasers 43788
Haus, H.A. *see* Alexander, S.B. 6055
Haus, H.A. *see* Doerr, C.R. 20755
Haus, H.A. *see* Tamura, K. 20757
Haus, H.A. *see* Tamura, K. 21022
Hauschild, F.D. *see* Stender, K. 19268
Hauschild, T., Knochel, R. Density monitoring in circulating fluidized beds using a microwave sensor 31393
Hause, V. *see* Chambers, B. 313
Hause, V. *see* Chambers, B. 9250
Hauser, E., Seidl, R., Rohrbach, D., Hartl, I., Marx, M., Wimmer, M. Quantitative EEG before and after open heart surgery in children. A significant decrease in the beta and alpha$_2$ bands postoperatively 39041
Hauser, E. *see* Bennett, E.B., Jr. 32577
Hauser, H., Fulmek, P. The measurement of differential susceptibility, magnetocrystalline anisotropy and saturation magnetization of grain oriented FeSi-steel 33783
Hauser, H. *see* Fasching, M. 15225
Hauser, H. *see* Gujan, H. 32781
Hauser, H.M. Personal communicators: a better way to stay in touch 37880
Hauser, J.R. Noise margin criteria for digital logic circuits 18609
Hauser, N. *see* Jagadish, C. 719
Hauser, N. *see* Li, G. 33654
Hauser, N. *see* Mahagaokar, U. 8214
Hauser, R.C., Lee, E.S. Verification and modelling of authentication protocols 22343
Hauser, T., Scheid, W., Hora, H. Acceleration of electrons by intense laser pulses in vacuum 46709
Hausler, G., Herrmann, J.M. Physical limits of 3D-sensing 6590
Hausler, G., Neumann, J. Coherence radar—an accurate 3-D sensors for rough surfaces 6593
Hausler, G., Ritter, D. Parallel three-dimensional sensing by color-coded triangulation 23695
Hausler, G. *see* Dorsch, R.G. 44174
Hausler, G. *see* Gloger, W. 11772
Hausmann, R. Applications driving the intelligent network 5616
Hauss, B. *see* Shoucri, M. 47189
Hausser, O., Larson, B., Brash, E.J., Cummings, W.J., Lorenzon, W., Delheij, P.P.J. ^{3}He targets polarized by spin-exchange optical pumping at TRIUMF 31645
Hausser, O. *see* Lorenzon, W. 46874
Hausser, S., Meier, H.P., Germann, R., Harder, C.S. 1.3 μm multiquantum well decoupled confinement heterostructure (MQW-DCH) laser diodes 12113
Haussy, J. *see* Berthiau, G. 42109
Hauth, W., Keller, R., Papziner, U., Ihmels, R., Sieverding, T., Arndt, F. Rigorous CAD of multiport coupled rectangular waveguide components 27155
Hautier, J.-P. *see* Wroblewski, A. 32864
Hautier, J.P. *see* Elch-Heb, T. 8857
Hautier, J.P. *see* Yuchao Fan 47855
Hautojarvi, P. *see* Pfeiffer, W. 42419
Hauviller, C. *see* Bernard, Ph. 15504
Hauw, D. CT2 in Australia 5814
Havasy, J.H., Pantele, M.J. Boiler operation to improve precipitator efficiency 32677
Have, I.ten *see* ten Have, I.
Have, J.M.ten *see* ten Have, J.M.
Havemann, R.H. *see* Dixit, G.A. 19656
Haven, D. Optics design for internal autoconverge in a single-lens light-valve projector 38619
Haven, D., Bone, M., Chen, W., Zampolin, R. Active-matrix-addressed optical amplifier 6692
Haven, R. *see* Lau, J. 42296
Haven, V. *see* Namavar, F. 34675
Havens, J.H. *see* Koullias, I.A. 37861
Havercroft, J.M., Klelvenhagen, S.C. Polarity effect of plane-parallel ionization chambers in electron radiation 38884
Haverkort, B.R., Van Moorsel, A.P.A., Speelman, D.-J. XMGM: performance modeling using matrix geometric techniques 37103
Haverkort, B.R. *see* Franken, L.J.N. 37626
Haverkort, J.E.M., Blom, P.W.M., Wolter, J.H. Study of the carrier capture time: relevance to laser performance 35868
Haverkort, J.E.M., Hendriks, P., Zwaal, E.A.E., Wolter, J.H. Time-resolved OBIC for probing current filamentation in GaAs/Al$_x$Ga$_{1-x}$As heterostructures 42482
Haverkort, J.E.M. *see* Weegels, L.M. 21076
Haverlag, M., Oehrlein, G.S., Vendera, D. Sidewall passivation during the etching of poly-Si in an electron cyclotron resonance plasma of HBr 42668
Haverlag, M. *see* Oehrlein, G.S. 42711
Havermans, G., Pasman, W. Mobility in private networks 37850
Havinga, P.J.M. *see* Smit, G.J.M. 13961
Havinga, P.J.M. *see* Smit, G.J.M. 14222
Havlicek, J.P., Bovik, A.C., Maragos, P. Modulation models for image processing and wavelet-based image demodulation 29599
Hawa, G., Schalkhammer, T., Mann-Buxbaum, E., Pittner, F. Ligand interaction based electrochemical glucose sensor 6600
Haware, S.K., Markandeya, S.G., Ghosh, A.K., Venkat Raj, V. Computer aided analysis of the transient behaviour of nuclear reactor containment 16619
Hawdon, B.J. *see* Tutken, T. 28807
Hawk, S.R., Bariff, M.L. The effects of DSS group characteristics on client satisfaction 168
Hawker, I., Cochrane, P. Future scenarios for telecommunications networks 37275
Hawker, I. *see* Johnson, D. 5365
Hawkes, C., Jochum, T., Wittlinger, H.A. 7 A, 60 V DC/DC converter IC 47986
Hawkes, D.J. *see* Hill, D.L.G. 15774
Hawkes, D.J. *see* Hill, D.L.G. 38953
Hawkes, D.J. *see* Neelin, P. 15773
Hawkes, N.P., Van Belle, P., Dixon, P., Hone, M.A., Jarvis, O.N., Loughlin, M.J., Swinhoe, M.T. A 2.5 MeV neutron spectrometry system with a tangential line of sight for the D-D phase at the JET tokamak 7290
Hawkings, R. *see* Bates, S. 24057
Hawkings, R.J. *see* Borer, K. 7221
Hawkins, C.F. Systems testing: the future for all of us 261
Hawkins, C.F. *see* Henderson, C.L. 258
Hawkins, C.F. *see* Williams, R.H. 2677
Hawkins, D.C., Thompson, F. Modifications to the theory of waveguide horns 4245
Hawkins, L.J. *see* Moyer, L.R. 30877
Hawkins, P.G. *see* Atkinson, R.M. 46292
Hawkins, R.J., Kallman, J.S. Linear electronic dispersion and finite-difference time-domain calculations: a simple approach [integrated optics] 43496
Hawksford, M.O. An introduction to digital audio 46204
Hawksford, M.O. Signal conversion techniques in digital audio applications 46262
Hawksford, M.O.J. *see* Hollier, M.P. 21680
Hawley, J.G., Targ, R., Henderson, S.W., Hale, C.P., Kavaya, M.J., Moerder, D. Coherent launch-site atmospheric wind sounder: theory and experiment 7602
Hawley, M., Adams, A.R., Silver, M., O'Reilly, E.P., Valster, A. Important loss mechanisms in visible lasers revealed by hydrostatic pressure 12179
Hawley, M., Cudd, P., Cherry, A. Systems for integrated access to alternative communication, mobility, computers and the home environment 39111
Hawley, M., Niman, M., Young, T. A survey of some EM simulation packages suitable for EMC 36278
Hawley, M. *see* Wei, J. 40663
Hawley, M.E. *see* Bryden, W.A. 9740
Hawman, P.C., Haines, E.J. The Cardiofocal collimator: a variable-focus collimator for cardiac SPECT 47080
Hawrylak, P. *see* Pfannkuche, D. 42518
Hawryluk, A.M., Ceglio, N.M. Wavelength considerations in soft-X-ray projection lithography 27830
Hawryluk, A.M., Stewart, D. Reflection mask defect repair 27824
Hawryluk, A.M. *see* Ceglio, N.M. 27829
Haws, E.T., McCormack, J.J. Economic and financial development of the Mersey Barrage 25263
Haws, L. *see* Mish, K.D. 41201
Hawthorne, B. Shrink small outline package (SSOP) trends 33411
Hawthorne, K.L. *see* Godley, D.P. *(editor)* 40810
Hawthorne, R. *see* Thakur, R.P.S. 2671
Hawthorne, R.C., Thakur, R.P.S., Morinville, K., Kauffman, R. Gate oxide integrity as affected by HF last wafer treatments and passivating techniques 2171
Hawthrone, J.A., Gehlsen, J.M. Template matching using histogram normalized correlation 13760
Hawwa, M.A., Asfar, O.R. Coupled-mode analysis of Love waves in a filter film with periodically corrugated surfaces 35205
Hay, J.A. *see* Todd, J.R. 39211
Hay, J.A. *see* Todd, J.R. 39245
Hay, J.A. *see* Todd, J.R. 39294
Hay, S.G., Poulton, G.T. Magnitude constrained antenna source 4255
Hayafuji, N. *see* Kizuki, H. 18153
Hayafuji, N. *see* Mihashi, Y. 20849
Hayafuji, N. *see* Shima, A. 43907
Hayafuji, Y. *see* Imanaga, S. 19827
Hayahara, E. *see* Kitamura, T. 29523
Hayakawa, H. *see* Nagai, K. 38362
Hayakawa, H. *see* Yodo, S. 3284
Hayakawa, K. *see* Harata, Y. 33136
Hayakawa, M., Shimakura, S., Ohta, K. The use of tweek atmospherics in locating the distant lightnings and in studying the lower ionosphere 39391
Hayakawa, M., Smith, E.K. Terrestrial and planetary EM noise 44427
Hayakawa, M. *see* Ogiwara, H. 8994
Hayakawa, M. *see* Ohta, K. 29186
Hayakawa, M. *see* Trakhtengerts, V.Y. 12598
Hayakawa, M. *see* Yamaguchi, M. 23240
Hayakawa, M. *see* Yamakawa, M. 14827
Hayakawa, N. *see* Bong-Hwan Oh 7968
Hayakawa, T., Matsumoto, K., Horie, H., Nagai, N., Morishima, M., Ishigame, Y., Isoyama, A. In$_{0.2}$Ga$_{0.8}$As single strained quantum well lasers with GaAs/AlGaAs short-period superlattice barrier layers grown by molecular beam epitaxy 12239
Hayakawa, T., Matsumoto, K., Morishima, M., Nagai, M., Horie, H., Ishigame, Y., Isoyama, A., Niwata, Y. High power AlGaAs quantum well laser diodes prepared by molecular beam epitaxy 3628
Hayakawa, T. *see* Nakashima, K. 19590
Hayakawa, Y., Matsuyama, T., Ando, M., Adachi, S., Takahashi, K., Kumagawa, M. Bulk crystal growth of InGaSbBi on InSb. Part I 33589
Hayakawa, Y. *see* Hasegawa, K.-i. 7387
Hayakawa, Y. *see* Suzuki, I. 726
Hayakawa, Y. *see* Takahashi, H. 38994
Hayakawa, Y. *see* Tanaka, K. 150
Hayakawa, Y. *see* Yamada, T. 1849
Hayama, H., Mukainari, M., Saito, T. Single-crystal silicon microblocks produced by a selective recrystallization technique 9509
Hayama, H. *see* Asada, H. 31367
Hayama, H. *see* Sutoh, I. 17615
Hayama, K., Ishida, M., Nakamura, T. Effect of oxygen radicals for epitaxial growth of Al_2O_3 on Si 41270
Hayama, N. *see* Goto, N. 19981
Hayama, N. *see* Ueda, Y. 42890
Hayami, A. *see* Katoh, T. 15940
Hayamizu, K., Kamanaka, Y. A new type of uninterruptible power supply, THYRIC-3400 32906
Hayamizu, S. Speech recognition by description of acoustic characteristic variations 21697
Hayamizu, S. *see* Tanaka, K. 4472
Hayano, M. *see* Taniguchi, N. 39845
Hayano, S. *see* Saotome, H. 15872
Hayano, S. *see* Takahashi, K. 3963
Hayanose, N., Ishikawa, M., Umoto, J. Behavior of binary combined system of MHD and synchronous generators including power transmission system 25317
Hayasaka, H., Abe, Y., Matsuse, K. A method for improving output current waveform of series-resonant AC link inverter 8650
Hayasaka, N. *see* Wada, J. 34854

Hayasaki, Y., Tohyama, I., Yatagai, T., Mori, M., Ishihara, N. Reversal input superposing technique for all-optical neural networks 29477
Hayasaki, Y., Tohyama, I., Yatagai, T., Mori, M., Ishihara, N. Reversal input superposing technique for all-optical neural networks 43574
Hayasaki, Y. *see* Tohyama, I. 11757
Hayashi, A. *see* Aoyama, S. 2460
Hayashi, A. *see* Shimizu, H. 29434
Hayashi, C. *see* Oda, M. 814
Hayashi, E., Kubo, M. Latest technology for laser processing machines 25974
Hayashi, G., Kodama, N., Yamaoka, Y., Takano, A., Hirakimoto, K., Lee, Y., Yamanishi, M. Charge-induced self-feedback optical bistable device: switching time and spatial resolution 15498
Hayashi, H. Intelligent manufacturing 214
Hayashi, H. Propagation and data transmission quality at 1.5 GHz band 29184
Hayashi, H., Sasaki, G., Yano, H., Nishiyama, N., Murata, M. Four channel receiver optoelectronic integrated circuit arrays for optical interconnections 35638
Hayashi, H. *see* Hashimoto, J. 12175
Hayashi, H. *see* Kojima, T. 12616
Hayashi, H. *see* Nishimura, K. 16491
Hayashi, H. *see* Sato, M. 20159
Hayashi, H. *see* Tamba, N. 34046
Hayashi, J. *see* Tsukada, T. 30945
Hayashi, K. Information infrastructure: who builds broadband networks? 22383
Hayashi, K., Komatsu, M., Nishigaki, M., Asai, H. Waveform relaxation method with dynamic partitioning technique for bipolar transistor circuits 10641
Hayashi, K. *see* Anno, Y. 46529
Hayashi, K. *see* Baba, K. 11571
Hayashi, K. *see* Hisakawa, K. 25214
Hayashi, K. *see* Mishida, M. 13504
Hayashi, K. *see* Miyamoto, Y. 13918
Hayashi, K. *see* Okumura, N. 23436
Hayashi, K. *see* Suzuki, K. 1615
Hayashi, M. *see* Abe, T. 45410
Hayashi, M. *see* Inoue, K. 17559
Hayashi, M. *see* Yamamoto, O. 1771
Hayashi, M. *see* Yamamoto, O. 7981
Hayashi, N. *see* Hattori, T. 11031
Hayashi, N. *see* Hattori, T. 11059
Hayashi, N. *see* Isaku, K. 48027
Hayashi, N. *see* Ishikawa, C. 11492
Hayashi, N. *see* Ishikawa, C. 28382
Hayashi, N. *see* Nakatani, Y. 43334
Hayashi, N. *see* Okada, T. 41914
Hayashi, N. *see* Yada, H. 2844
Hayashi, N. *see* Yoshida, K. 28384
Hayashi, O. *see* Murakami, K. 19242
Hayashi, R. *see* Harima, K. 12783
Hayashi, S. A phase-locked loop based analog simulator for a class of stochastic nonlinear dynamics 10028
Hayashi, S., Ijima, K., Hirao, T. Preparation of Pb-based ferroelectric thin films by ion- and photo-assisted deposition 9661
Hayashi, S., Kawata, A., Nagasawa, T., Yokoyama, N. Estimating power frequency characteristics in power systems by means of spectral analysis techniques 24646
Hayashi, S., Kawata, S., Han Min Kim, Yama moto, K. In situ infrared study of surface oxide formation on gas evaporated Si microcrystals 10917
Hayashi, S., Sugimoto, M., Kishi, G. Low bit rate MPC coders with adaptively controlled synthesis filter parameters 44766
Hayashi, S., Yoneda, T., Kawata, A., Nagasawa, T., Morita, M. Estimation of load characteristics in power system by using normal operating data 24639
Hayashi, S. *see* Fukumoto, Y. 28417
Hayashi, S. *see* Kanno, I. 43177
Hayashi, S. *see* Kume, T. 8762
Hayashi, S. *see* Teruyama, H. 40107
Hayashi, S. *see* Tsujimura, A. 12230
Hayashi, S. *see* Tsujimura, A. 35830
Hayashi, S. *see* Yoshii, S. 12231
Hayashi, T. New research information system by Ministry of Agriculture and Fishery 17459
Hayashi, T. Provisions for black-out in metropolis 47336
Hayashi, T., Ishiwara, H. Formation of oriented conductive $SrVO_3$ (SVO) films on Si(100) substrates by evaporation in low-pressure hydrogen 33719
Hayashi, T., Kawazu, Y., Tokuda, H., Iwabuchi, T. High performance sealed flash type H-P ROMs fabricated by in situ multiple rapid thermal processing 18704
Hayashi, T., Kusumi, R., Miyakawa, M. Calibration of linear CCD cameras used in the detection of the position of the light spot 6564
Hayashi, T., Maruno, T., Yamashita, A., Tomita, M. Intelligent materials for mechaphotonics 11819
Hayashi, T., Shigeta, N., Kumeda, T. Application of realtime OS to synchronous equipment management function 30426
Hayashi, T. *see* Hatayama, K. 1155
Hayashi, T. *see* Heilbronn, B. 24818
Hayashi, T. *see* Hikone, K. 41749
Hayashi, T. *see* Kawazu, Y. 1973
Hayashi, T. *see* Ochiai, T. 28122
Hayashi, Y. Determination method of optimal radial system structure using Hopfield neural network model with constrained noise 16168
Hayashi, Y. New battery-powered forklift truck 40660
Hayashi, Y. Simulation of random coincidence effect in γ probe for intracavity use 47052
Hayashi, Y., Honda, T., Arai, K.T., Ishiyama, K., Yamaguchi, M. Dependence of magnetostriction of sputtered Tb-Fe films on preparation conditions 43451
Hayashi, Y., Iwamoto, S. Long term load forecasting using improved recurrent neural network 24869
Hayashi, Y., Ogihara, A., Fukunaga, K. Speech recognition of isolated digits using simultaneous generative histogram 29565
Hayashi, Y., Ohkawa, N., Yanai, D. Estimated performance of 2.488 Gb/s CPFSK optical non-repeatered transmission system employing high-output power EDFA boosters 22995
Hayashi, Y., Ohkawa, N., Yanai, D., Ito, T. Long span 2.5 Gbit/s CPFSK coherent optical transmission system employing high-output power EDFA boosters 30813
Hayashi, Y., Rutan, S.C., Helburn, R.S., Pompano, E.M. Information-based prediction of the precision and evaluation of the accuracy of the results from an adaptive filter 18842
Hayashi, Y., Wakabayashi, N., Kitahashi, T. Computation of the distance between a target and own ship from its image at sea 45115
Hayashi, Y. *see* Akikawa, K. 23846
Hayashi, Y. *see* Akikawa, K. 23846
Hayashi, Y. *see* Alam, M.S. 21356
Hayashi, Y. *see* Fukumoto, S. 17591
Hayashi, Y. *see* Ichihashi, Y. 38112
Hayashi, Y. *see* Kohno, Y. 24640
Hayashi, Y. *see* Ohkawa, N. 46016
Hayashi, Y. *see* Ohta, Y. 30130
Hayashi, Y. *see* Yamanaka, M. 9752
Hayashi, Z. Approximate performance evaluation method for TST type switching networks employing multi slot connections 30181
Hayashi Sho se *see* Sho-se Hayashi
Hayashibe, S. *see* Kageyama, K. 46873
Hayashida, H. *see* Okada, T. 346
Hayashida, K. *see* Kumeda, H. 15683
Hayashida, K. *see* Tsunemi, H. 7234
Hayashida, K. *see* Tsunemi, H. 11949
Hayashida, M. *see* Nose, M. 32724
Hayashida, P. *see* Boiez, D. 11643
Hayashida, P. *see* Jansen, M. 20847
Hayashida, Y. Throughput analysis of tandem-type go-back-N ARQ scheme for satellite communications 22935
Hayashida, Y. Performance analysis of integrated train access scheme in light and medium load 30193
Hayashida, Y. *see* Fujii, S. 30182
Hayashida, Y. *see* Fujii, S. 30183
Hayashida, Y. *see* Komatsu, M. 37147
Hayashikoshi, M. *see* Tsukude, M. 1229
Hayashimo, T. *see* Grajew, G. 37613
Hayashita, H. *see* Nagai, K. 38462
Hayata, K., Kobayashi, K., Koshiba, M. Time-resolved characteristics of nonlinear whispering-gallery modes along optical channel waveguides: competition between spontaneous and induced symmetry breaking transitions and their frustration 3805
Hayata, K., Koshiba, M. Quasi-instanton solution for ultrashort baseband optical signals 29021
Hayata, K. *see* Kaji, R. 11261
Hayata, K. *see* Tsuji, Y. 1899
Hayati, S. *see* Venkataraman, S.T. 5430
Haycock, R., York, T. Hardware implementation of Boolean neural networks 42119
Hayden, D.J. *see* Sturrock, J.C. 15671
Hayden, J.D., Burnett, J.D., Pfiester, J.R., Woo, M.P. An ultra-shallow link base for a double polysilicon bipolar transistor 11174
Hayden, J.D., Burnett, J.D., Pfiester, J.R., Woo, M.P. A new technique for forming a shallow link base in a double polysilicon bipolar transistor 34930
Hayden, J.D. *see* Kenkare, P.U. 35081
Hayden, J.S. *see* Marker, A.J., III 28425
Hayden, L.A., Jyh-Ming Jong, Tripathi, V.K. Characterization of multiple line interconnection structures from time domain measurements 43861
Hayden, R.K., Paves, L., Henini, M., Valadares, E.C., Kuhn, O., Maude, D.K., Portal, J.C., Takamasu, T., Miura, N., Ekenberg, U. Probing the anisotropic dispersion of hole states in (100) and (311)A AlAs/GaAs/AlAs quantum wells 34578
Hayden, T.F. *see* O'Hara, J.P. 278
Hayden, W., McCullough, T., Reth, A., Kaufman, D. Wide-band precision two-axis beam steerer tracking servo design and test results 14574
Hayden, W.L., Kratinak, M.A., Cornwell, D.M., Jr., Yu, A.W., Xinoh Sun Overview of laser communication technology at NASA Goddard Space Flight Center 6040
Haydl, W. *see* Braunstein, J. 27263
Haydl, W. *see* Schlechtweg, M. 42234
Haydl, W.H., Heinrich, W., Bosch, R., Schlechtweg, M., Tasker, P., Braunstein, J. Design data for millimeter wave coplanar circuits 27260
Haydl, W.H. *see* Schlechtweg, M. 19143
Haydock, L. Interactive distributed magnetic and linked electric circuit models for power electronic controller design 48159
Haydock, R. Recursive solution of Maxwell's equations 3964
Hayduk, M.J. *see* Sun, D. 11680
Hayelwa, K. *see* Mizokami, T. 38232
Hayes, C.F., Tsuruda, J.S., Mathis, C.M. Temporal lobes: surface MR coil phased-array imaging 47063
Hayes, D. *see* Foster, B. 31714
Hayes, D.G. *see* Emeny, M.T. 656
Hayes, H.I., Solka, J.L., Priebe, C.E. Parallel computation of fractal dimension 36808
Hayes, J. *see* Wong, J. 1077
Hayes, J. *see* Wong, J. 9943
Hayes, J.F., Ayadi, F. Performance calculation for an optical MAN 22622
Hayes, J.F. *see* Grela-M'Poko, B. 5221
Hayes, J.F. *see* Stamatelos, G. 5607
Hayes, J.F. *see* Xing Chen 45227
Hayes, J.R. *see* Chough, K.B. 28188
Hayes, J.R. *see* Hong, B.W.-P. 34927
Hayes, J.R. *see* Song, J.I. 1556
Hayes, J.T. *see* Caldwell, S.P. 23171
Hayes, M. *see* Goodman, S.A. 34600
Hayes, M.B., Bhutta, I.A., Elshabini-Riad, A., Riad, S.M. Application of multilayer circuit technologies to sensors 23544
Hayes, M.H. *see* Kittel, W.A. 15873
Hayes, M.H. *see* Sakarya, F.A. 8476
Hayes, M.H., III *see* Sakarya, F.A. 44997
Hayes, M.H., III *see* Vines, G. 13452
Hayes, M.P., McGrath, S., Burkley, C.J. A practical alternative to SAW based correlators for direct sequence spread spectrum communication systems 37703
Hayes, R.D. *see* Burgess, M.A. 39234
Hayes, R.R. *see* Schaffner, J.H. 45968
Hayes, S., Grebogi, C. Coding information in the natural complexity of chaos 36497
Hayes, T.R. *see* Gregus, J.A. 29060
Hayes, T.R. *see* Lee, B.-T. 10934
Hayhow, D.V. *see* Cross, B.A. 22491
Hayhow, D.V. *see* Crossley, M. 22490
Hayhurst, D.R. *see* Wang, Z.P. 627
Hayirlioglu, L., Tuncay Birand, M. Computer-aided analysis of microstrip antennas employing parasitic elements 21412
Haykin, S. Blind equalization formulated as a self-organized learning process 29409
Haykin, S. *see* Bhattacharya, T.K. 14691
Haykin, S. *see* Bhattacharya, T.K. 38150
Haykin, S. *see* Cunningham, J. 4889
Haykin, S. *see* Leung, H. 13209
Haykin, S. *see* Leung, H. 38157
Haynes, C. *see* Vetanen, B. 27782
Haynes, L., Geng, Z., Teter, J. A new Terfenol-D actuator design with applications to multiple DOF active vibration control 35249
Haynes, L., Goodall, S., Philips, F., Simpson, W., Sheppard, J. Test strategy component of an open architecture for electronics design and support tools 23428
Haynes, T.E., Holland, O.W., Desnica, U.V. Damage accumulation in gallium arsenide during silicon implantation near room temperature 2047
Haynes, T.E., Morton, R., Lau, S.S. Lattice damage in ion-implanted compound semiconductors and its effect on electrical activation 27633
Haynes, T.E., Morton, R., Lau, S.S. Relationship between implantation damage and electrical activation in gallium arsenide implanted with Si^+ 34678
Haynes, T.E. *see* Ivanda, M. 42634
Haynes, T.E. *see* Jones, K.S. 2042
Haynes, T.E. *see* Jones, K.S. 27479
Haynes, W.B. *see* Fazio, M.V. 19303
Haynes, W.J. Experiences at HERA with the H1 data acquisition system 38916
Hays, G.N. *see* Hebner, G.A. 3435
Hays, G.N. *see* Hebner, G.A. 35674
Hays, T. *see* Moffat, D. 15431
Hayward, A.T.J. *see* Cousins, T. 6414
Hayward, G., Pearson, J., Stirling, G. An intelligent ultrasonic inspection system for flooded member detection in offshore structures 16079
Hayward, G. *see* Hall, D.D.N. 24531
Hayward, G. *see* Hamilton, R. 16044
Hayward, G. *see* McGarrity, J.P. 33790
Hayward, G. *see* Powell, D.J. 16043
Hayward, J.E., Cassidy, D.T. Correlation between experiments to measure scattering centers in 1.3 μm semiconductor diode lasers 3675
Hayward, T.J. Optimization of hydrophone placement for acoustic arrays using simulated annealing 32137
Haywood, P. TV feature controllers for worldwide markets 46198
Haywood, R.W. *see* McLaren, P.G. 32493
Hazan, E. High-voltage cable is selected for sub-transmission system 39607
Hazard, L. *see* Blair, G. 13974

Hazard, P., Sebille, D., Senes, A. 450 V 30 A bipolar power transistor with two levels of metallisation 2467
Hazdra, P., Vobecky, J. Accurate simulation of fast ion irradiated power devices 19722
Hazell, J. Video disks in cable television 38333
Hazelton, D. *see* Motowidlo, L. 32436
Hazelton, L. *see* Frainier, R. 47173
Hazen, B. *see* Garstang, C.W. 33003
Hazen, E. *see* Grajew, G. 37613
Hazlett, T. *see* Gordon, J.S. 15099
Hazout, S. *see* Leboucher, L. 45034
Hazra, A.K. *see* De, S.S. 42412
Hazra, R., Park, S.K., Smith, G.L. Constrained least-squares image restoration filters for sampled image data 22089
He, D. *see* Ishihara, S. 9695
He, D. *see* Ishihara, S. 26502
He, D. *see* Ishihara, S.-I. 26484
He, G., Novak, K. On line data capture by image matching on the mobile mapping system 23467
He, G., Novak, K., Feng, W. Stereo camera system calibration with relative orientation constraints 23696
He, G. *see* Vallee, R. 11584
He, H., Guozhen, Z., Feiming, T., Dingyuan, T. The effect of surface layer oxide on $Hg_{1-x}Cd_xTe$ Hall data 15035
He, H. *see* Feng, Z. 10315
He, H.D. *see* Dabiran, A.M. 33613
He, J., Mohan, N., Wold, B. Zero-voltage-switching PWM inverter for high-frequency DC-AC power conversion 18487
He, J., Mohan, N., Wong, C. Unity power factor three-phase diode bridge AC-DC converter with soft switchings 16956
He, J., Nahman, N.S., Riad, S.M. A causal skin-effect model of microstrip lines 4202
He, J. *see* Cada, M. 5969
He, J. *see* Cada, M. 38111
He, J. *see* Mulcahy, T.M. 48362
He, J. *see* Wong, C. 8628
He, J.L., Rote, D.M. Double-row loop-coil configuration for EDS maglev suspension, guidance, and electromagnetic guideway directional switching 48364
He, L., Anderson, W.A. Characteristics of oxygen implanted indium phosphide 2056
He, L., Anderson, W.A. Ion species dependence of electrical characteristics in ion implanted GaAs 10867
He, L., Anderson, W.A. Current transport in fluorine implanted GaAs 34506
He, L. *see* Fan, Y. 1848
He, L. *see* Fan, Y. 42425
He, L. *see* Grillo, D.C. 3647
He, L. *see* Grillo, D.C. 28811
He, L. *see* Hovinen, M. 12219
He, L. *see* Salokatve, A. 12146
He, M. *see* Swiatkiewicz, J. 44108
He, M.C. *see* Chen, C.S. 19482
He, Q., Najafi, S.I., Honkanen, S. Investigation of a new waveguide configuration for laser and amplifier applications using rare earth doped aluminum phosphate films 3553
He, Q. *see* Ellis, W.H. 25154
He, Q. *see* Wang, W.J. 3095
He, Q.B., Pochi Yeh Fanning noise reduction in photorefractive amplifiers using incoherent erasures 35983
He, R. *see* Dewhurst, R.J. 917
He, R. *see* Vaidya, P.G. 36464
He, S., Hellberg, R., Weston, V.H. Simultaneous reconstruction for the telegraph equation in a stratified half-space using 3-D reflectivity 29157
He, S., Hu, Y. Electromagnetic scattering from a stratified bi-isotropic (nonreciprocal chiral) slab: numerical computations 21208
He, S., Hu, Y., Strom, S. Time-domain direct and inverse problems for a point source over a dissipative stratified half-space with a phase velocity mismatch at the surface using a Green functions approach 4090
He, S., Lindell, I.V. Propagating eigenmodes for plane waves in a uniaxial bianisotropic medium and reflection from a planar interface 36156
He, S.S., Stephens, D.J., Hamaker, R.W., Lucovsky, G. Channel layer surface modifications in a-Si:H thin film transistors with oxide/nitride dielectric layers 42947
He, S.S., Stephens, D.J., Lucovsky, G. Improved electrical performance of a-Si:H thin film transistors, TFTs with n^+ μc-Si contact, and silicon oxide and nitride dual-layer dielectrics 28144
He, S.S., Stephens, D.J., Lucovsky, G., Hamaker, R.W. High channel mobility a-Si:H thin film transistors with oxide/nitride dielectrics 11227
He, S.S., Stephens, D.J., Ma, Y., Yasuda, T., Habermehl, S., Lucovsky, G. Control of process-induced defects in the formation of single and multiple layer dielectric structures for Si semiconductor devices 10774
He, S.S., Williams, M.J., Stephens, D.J., Lucovsky, G. Fabrication and performance of thin film transistors, TFTs, incorporating doped μc-Si source and drain contacts, and boron-compensated μc-Si channel layers 34991
He, S.S. *see* Lucovsky, G. 9792
He, S.S. *see* Stephens, D.J. 21016
He, S.S. *see* Williams, M.J. 35558
He, W. A simulation module for wind-diesel systems with multiple units 25336
He, W., Celik-Butler, Z. Sources of 1/f noise in HgCdTe metal-insulator-semiconductor charge integrating structures 11215
He, X., Benhabib, B., Smith, K.C., Safaee-Rad, R. Optimal camera and marker arrangements for an active-vision system 22174
He, X., Williams, B.W., Finney, S.J., Green, T.C. Analysis and comparison of a new passive lossless snubber for high frequency converter application 1057
He, X.-F. *see* Meagher, G. 24042
He, X.H. *see* Shih, Y.H. 20989
He, X.H. *see* Zhang, H.Y. 44129
He, Y., Kohno, R., Imai, H. A fast automatic fingerprint identification method based on a weighted-mean of binary image 22060
He, Y., Uno, T., Adachi, S., Mashiko, T. Two-dimensional active imaging of conducting objects buried in a dielectric half-space 29158
He, Y., Yang, Q. Analysis on radial field of quasi-optical power combiner using complex source point theory 10414
He, Y. *see* Lampert, C.M. 35481
He, Y. *see* Liang, B.W. 748
He, Y. *see* Look, D.C. 1839
He, Y. *see* Maeshima, O. 23152
He, Y.D., Westphal, A.J., Buford Price, P. Response of the BP-1 phosphate glass detector to relativistic heavy ions 24088
He, Y.J., Cai, A., Sun, J.A. Real-valued Hankel transform approach to image reconstruction from projections 13481
He, Y.L. *see* Jiang, X.L. 19541
He, Y.L. *see* Zhang, L.Z. 19572
He, Z., Bird, A.J., Ramsden, D. A ratio pulse-shape discriminator 7279
He, Z., Bird, A.J., Ramsden, D., Meng, Y. A 5 inch diameter position-sensitive scintillation counter 7240
He, Z., Ramsden, D. A broad-band position-sensitive photwich detector for gamma-ray astronomy 7235
He, Z., Ramsden, D., Holder, S.M., Duncan, S.H. Two data acquisition and processing systems for a compact gamma-camera 15752
He, Z.Q., Ding, X.M., Hou, X.Y., Xun Wang Molecular-beam-epitaxy growth of GaN on GaAs(100) by using reactive nitrogen source 18206
He, Z.Y. *see* Zhu, C. 44738
He Aisheng *see* Aisheng He
He Anzhi *see* Luo Bikai 12047
He Anzhi *see* Anzhi He
He Bin, Cheng Zhusheng Study on coumarin derivative lasing dyes 20232
He Bing-sheng Further developments in an iterative projection and contraction method for linear programming 9429
He Chen Tian *see* Tian He Chen
He Chongfan *see* Xu Xuewu 18117
He Chongfan *see* Xu Xuewu 18133
He Chuan *see* Chuan He
He Dayu A probe into strategy study for China's future power transmission technology 7911
He Dijie *see* Shen Guirong 28724
He Ding, Tang Guoqing, Chen Heng A neural network approach to power transformer fault diagnosis 16911
He Ding, Tang Guoqing, Chen Heng TFDES, an expert system for power transformer faults diagnosis 25511
He Ding, Tang Guoqing, Chen Heng An expert system for large power transformer fault diagnosis 32898
He Fangdian, Wang Kexheng, Su Yon, Pan Jiluan Study of a linear CCD intelligent image sensor for arc welding 23694
He Guanhu *see* Wang Heng 31496
He Guanyu *see* Lin Jianzhong 36650
He Huang *see* Hanyi Zhang 3717
He Huijuan, Shen Jinhui, Liu Yupu, Zhang Yinghua, Wang Zhijing Ultraviolet femtosecond optical pulse generated by LBO crystal 21031
He Huijuan *see* Xiao Gangyao 12031
He Huijuan *see* Xiao Gangyao 20392
He Jian Liang *see* Jian Liang He
He Jianrong *see* Huang Yichuan 12043
He Jinliang, Ouyang Changyi Development of line ZnO surface arrester 8015
He Jinliang, Wu Weihan, Shen Li, Ji Jiaqing Impulse destruction mechanism of ZnO varistors 10519
He Lei *see* Lei He
He Li *see* Li He
He Li-Ming *see* Li-Ming He
He Ma *see* Ma He
He Ming *see* Cao Jianqing 33321
He Ping, Liu Guoliang, Hu Zhen The timed reconfiguration of VCPB SS-TDMA 5838
He Pingsheng *see* Pingsheng He
He Ren-Mu, Germond, A.J. Comparison of dynamic load modeling using neural network and traditional method 16264
He Rongqin *see* Zhang Xiaochun 29037
He Shaowei *see* Zhang Yuancheng 22717
He Songhua, Guo Guirong An approach to radar target recognition by using wide-band millimeter wave technology 6098
He Songhua, Guo Guirong A study of high resolution image reconstruction of target by using FMCW millimeter wave technology 14679
He Wenmu *see* Wenmu He
He Xiangning *see* Xiangning He
He Xiaoming *see* Wang Jingyi 18292
He Xingping *see* Zhang Xisheng 19724
He Xinping *see* Zhang Xisheng 28119
He Yandong *see* Yandong He
He Yangzan *see* Wang Fangzong 7698
He Yangzan *see* Wang Fangzong 16138
He Yi-Jun *see* Yi-Jun He
He Yi-Qun *see* Yi-Qun He
He Yie, Cai Shijun On-line statistical analysis of bipolar key processes 11148
He Yigui *see* Fu Yaoxian 35298
He Yijun, Yang Quanrang The dyadic Green's function in an active loaded quasi-optical cavity 12694
He Yizong, Wang Guofu, Huang Xiaoying, Luo Zundu The emission and structure of a new laser crystal Nd^{3+}:$NaY(WO_4)_2$ 35750
He Yu-Liang, Liu Xiang-Na, Yin Cheng-Zhong, Zhang Yu Deposition of high quality amorphous silicon films with strong hydrogen diluted silane as reactant gas source 26501
He Yuliang, Chu Yiming, Lin Hongyi, Jiang Shusheng Microstructure and electron conduction mechanism of hydrogenated nano-crystalline silicon films 10654
He Yuliang *see* Jiang Xiangliu 19532
He Yusheng *see* Zhang Jincang 20320
He Zhaoxiang *see* Chen Rujun 16094
He Zhen, Liu Xin-Zhan, Liang Jin-Wen Flatness measurement of a very large diameter plate on a machine tool by error separation method 31439
He Zhen-ya *see* Zhen-ya He
He Zhenya *see* Zhenya He
He Zhibin *see* Zhang Hongcai 7569
He Zhiyong, Steckmeyer, J.C., Kerambrum, A., Angelique, J.C., Bizard, G., Brou, R., Cussol, D., Patry, J.P., Peter, J., Regimbart, R., Tamain, B., Vient, E., Cabot, C., Auger, G., Crema, E., Peghaire, A., Saint-Laurent, F., Gonin, M., Hagel, K., Wada, R., Eudes, P., Lebrun, C., Rosato, E., Masri, Y.El. The time and energy calibration of an Si-telescope using a secondary beam 46884
He Zhiyong *see* Zou Fengwu 15173
He-Tian Huang *see* Huang He-Tian
He-Yun Lin *see* Lin He-Yun
Heacock, D., Freeman, D. Single-chip IC gauges NiMH or NiCd battery charge 48056
Head, C.R. Private hydro: is it a runner? 8229
Head, C.R. Vietnam's changing hydro scene 47802
Head, D. *see* Hutchison, S.B. 20719
Head, E.J.G. Industrial experience in the testing of water treeing 47515
Head, J. How SNMP is breaking down barriers as an enterprise integration standard 22446
Head, J. How SNMP is breaking down barriers as an enterprise integration standard 22604
Head, M., White, P., Morgan, N. SuperJANET—a strategic partnership 13947
Heading, A.J.R. *see* Bedworth, M.D. 21980
Headley, A. *see* Irwin, T. 25577
Headley, C., III, Agrawal, G.P. Simultaneous amplification and compression of picosecond optical pulses during Raman amplification in optical fibers 20706
Heagerty, D. How will DECnet Phase V affect users and system managers 45506
Heagy, J. *see* Carroll, T.L. 41704
Heal, B.W., Page, R.M.R. SIMD matrix methods for detecting hazards in logic circuits 10071
Heald, R.A., Holst, J.C. A 6-ns cycle 256-kb cache memory and memory management unit 26917
Heald, R.A., Holst, J.C. 6 ns cycle 256 kb cache memory and memory management unit 26958
Heald, R.A. *see* Boyle, S.R. 43096
Heald, S. *see* Kulakowski, P. 15854
Healey, G. *see* Kondepudy, R. 29765
Healey, S.T. An improved model for solving the optimal placement for river-routing problem 18575
Healy, D. *see* Olson, T. 24229
Healy, D.M., Jr., Weaver, J.B. Adapted waveform libraries in magnetic resonance imaging 15828
Healy, D.M., Jr. *see* Lu, J. 13329
Healy, D.M., Jr. *see* Lu, J. 13666
Healy, M. *see* Minnis, B.J. 14706
Healy, P., Dawson, K., Kassiouras, C., Ikonomopoulos, A., Schneider, R., Spriegel, D. Real time optical inspection of plated relay contacts 40996
Healy, R.M. *see* White, P.M. 27229
Healy, S.B. *see* Holden, P.B. 28691
Heaney, J.E. *see* Filsinger, J. 40875
Heap, N.W. *see* Watson, A.P. 47294
Heaphy, J. *see* Cho, S.M. 16636
Hearn, C.P. Lumped elements characterize Q in dielectric resonators 1470
Hearn, C.P., Bartley, P.G., Bradshaw, E.S. A modified Q-circle measurement procedure for greater accuracy 6747

Hearn, C.P. *see* Ybarra, G.A. 6102
Hearn, L. Membrane panels for switching and displays 7568
Hearn, T. *see* Karam, F.G. 37924
Hearn, W.G. *see* Fraser, S.A. 32639
Hearty, P.J. *see* Tam, W.J. 22078
Heasly, C.C. *see* Malone, T.B. 16113
Heath, G. *see* Pursley, V. 34377
Heath, J.R., Seidler, P.F. Separation of nucleation and crystallization in the solution-phase synthesis of group IV quantum structures 18134
Heath, L.S. *see* Meehan, K. 35811
Heath, M. *see* Buhmann, H. 42851
Heath, P. Outsourcing vs managed network services: the options 37324
Heath, S. Exploiting PowerPC—how to get the best out of RISC architectures 41980
Heath, S.J. The Ptarmigan Packet Switched Network—an overview of its evolution 37757
Heatley, D.J.T. *see* Cochrane, P. 5896
Heaton, J.A.T. *see* Kersley, L. 47245
Heaton, J.A.T. *see* Raymund, T.D. 7621
Heaton, J.M. *see* Berry, G.M. 11640
Heaton, J.M. *see* Jenkins, R.M. 28516
Heban, J.E. *see* Rodrick, T.J. 408
Hebeisen, S. Microwave proximity sensing 15198
Hebel, R. *see* Lerch, R. 16048
Heben, M.J. *see* Pugh, J.R. 8770
Heben, M.J. *see* Tsuo, Y.S. 17399
Heber, O. *see* Shchemelinin, S. 47016
Heberlein, J. *see* Snail, K.A. 41378
Hebert, B. *see* Chandra, A. 17510
Hebert, D. *see* Friedrich, M. 15334
Hebert, D. *see* Ghoshal, U. 26956
Hebert, D.F. *see* Nagai, Y. 1399
Hebert, D.F. *see* Nagai, Y. 20231
Hebert, J.E. *see* Saadatmand, K. 46815
Hebert, P., Laurendeau, D., Poussart, D. From 3-D scattered data to geometric signal description: invariant stable recovery of straight line segments 22214
Hebert, T., Murphy, P., Moore, W., Dhekne, R., Wendt, R., Blust, M. Experimentally determining a parametric model for the point source response of a gamma camera 15720
Hebler, K.-L., Muller, H. The ISDN Communications System HICOM 300: future aspects 22665
Hebner, G.A., Hays, G.N. Laser efficiency and gain of the 1.73 μm atomic xenon laser at high He/Ar buffer gas ratios 3435
Hebner, G.A., Hays, G.N. 1.27μm atomic argon laser parameters in fission-fragment excited He/Ar and He/Ne/Ar gas mixtures 35674
Hebner, G.A., Shon, J.W., Kushner, M.J. Temperature dependent gain of the atomic xenon laser 11937
Hebrank, F., Lemke, S., Fominaya, F., Gross, R., Huebener, R.P. Spectroscopy of short electron beam pulses by superconducting Nb/AlO_x/Nb tunnel junctions 23968
Hebrank, F. *see* Lemke, S. 20198
Hecht, H. *see* Gruhlke, R. 3746
Hecht, J.B. Using video: equipment and techniques. 2 46247
Hecht, M.H. *see* Bell, L.D. 1919
Hecht, M.H. *see* Kaiser, W.J. 27521
Hechtfischer, D. *see* Schuster, G. 46657
Heck, H.L., Kolias, J.T., Kresge, J.S. High performance carrier technology 403
Heck, H.L. *see* Light, D.N. 378
Heck, W. *see* Bachler, J. 46915
Heck, W. *see* Bachler, J. 46934
Hecke, H.van *see* van Hecke, H.
Hecke, P.Van *see* Van Hecke, P.
Heckenberg, N.R. *see* Gourlay, P.M. 36320
Heckenberg, N.R. *see* Smith, A.E. 20951
Heckenberg, N.R. *see* Tin Win 3466
Hecker, H.A. *see* Muench, F.J. 16359
Hecker, T. Concept for integrated energy supplies in the town of Gera 8136
Heckl, M.A. *see* Firth, D. 25165
Heckman, J. *see* Jordan, K. 15295
Heckman, S. *see* Wurman, J. 47265
Heckner, K.-H. *see* Kraft, A. 40394
Hecox, K. *see* Veen, B. 7431
Hector, S.D., Smith, H.I., Gupta, N., Schattenburg, M.L. Optimizing synchrotron-based X-ray lithography for 0.1 μm lithography 28024
Hector, S.D., Smith, H.I., Schattenburg, M.L. Simultaneous optimization of spectrum, spatial coherence, gap, feature bias, and absorber thickness in synchrotron-based X-ray lithography 27990
Hector, S.D. *see* Gupta, N. 27314
Heczko, A. *see* Ernst, J. 31659
Heczko, O., Ruuskanen, P. Magnetic properties of compacted alloy $Fe_{73.5}Cu_7Nb_3Si_{13.5}B_9$ in amorphous and nanocrystalline state 43278
Hedberg, U. *see* Xie, B. 7328
Hedberg, V. *see* Benvenuti, A. 7252
Hedberg, V. *see* Cronstrom, H. 31804
Hedblom, K., Johansson, A., Reistad, D., Barany, A. Calculations on multiturn and stripping injection in CELSIUS 15385
Hedborg, E., Winquist, F., Lundstrom, I. Influence of wettability on the properties of thin porous platinum films as gates of metal-oxide-semiconductor devices in electrolytes 42571
Hedborg, E. *see* Winquist, F. 6625
Heddebaut, B., Baudet, J., Coudoro, B., Demoulin, B., Degauque, P. Susceptibility of CMOS and HCMOS integrated circuits to transient disturbing signals 35079
Heddebaut, M. *see* Klingler, M. 41727
Heddleson, J.M., Hillard, R.J., Zier, D.A., Rai-Choudhury, P. Integrated oxide quality testing without test structure fabrication 2196
Heddleson, J.M., Weinzierl, S.R., Hillard, R.J., Rai-Choudhury, P., Mazur, R.G. Profiling of silicide-silicon structures using a combination of the spreading resistance and point contact current-voltage methods 42543
Heddleson, J.M. *see* Le Dudal, R. 43120
Heddleson, J.M. *see* Weinzierl, S.R. 42909
Hedegaard Povlsen, J. *see* Aakjer, T. 23021
Hedegaard Povlsen, J. *see* Lester, C. 29023
Hedegaard Povlsen, J. *see* Rasmussen, T. 11654
Heden, D.J. Unique hydrocarbon based defluxing formulations for surface mounted components on MCM-L 17851
Hedenstierna, N., Jeppson, K.O. Comments on the optimum CMOS tapered buffer problem 41859
Hedesiu, H.C. *see* Viorel, I.A. 40185
Hedge, R.I., Chonko, M.A., Tobin, P.J. Growth and surface morphology of thin silicon films using an atomic force microscope 9787
Hedge, R.I. *see* Tobin, P.J. 34761
Hedge, S.J., Habiger, C.M., Lea, R.M. 3D-WASP devices for on-line signal and data processing 41983
Hedgecock, J.J. *see* Wheatley, R.J. 25210
Hedges, S.J. *see* Robbins, M.S. 38864
Hedgley, R. *see* Banks, L. 11391
Hedgran Schreurs, L., Lundin, A. Optimized ventilation of transformer cells 8483
Hedley, R.P.L., Danyluk, P., Chandler, M.J., Paton Walsh, C., Woods, M.J., Sephton, J.P. Problems, and measurement solutions developed, in the characterisation and use of ISO class 1 photon-emitting reference sources for the calibration of surface contamination monitors 47138
Hedlund, C., Lindberg, U., Bucht, U., Soderkvist, J. Anisotropic etching of Z-cut quartz 20050
Hedrich, H. *see* Stegmuller, B. 3609
Hedstrom, B. *see* Kirlin, R.L. 6156
Hedtke, R. Digital cassette recorder for high definition TV (HDTV) signals 23314
Hee, M.R. *see* Swanson, E.A. 15814
Hee Chan Kim *see* Byoung Goo Min 24365
Hee Cheon No *see* Jae Young Lee 47656
Hee Hong Chan *see* Chan Hee Hong
Hee Kim Chung *see* Chung Hee Kim
Hee Kyung Kang *see* Byung Chul Ahn 9794
Hee Lee Chul *see* Chul Hee Lee
Hee Lee Yong *see* Yong Hee Lee
Hee Nam Chang *see* Chang Hee Nam
Hee Soong Boon *see* Soong Boon Hee
Hee Wook Ann *see* Gun Woo Moon 17087
Hee-Jin Lee, Komaki, S., Morinaga, N. Performance of a controlled capacity digital radio system with diversity reception 14377
Hee-Kook Park *see* Yeo-Song Seol 10889
Hee-Suk Ryoo *see* Yun-Ok Cho 7961
Hee-Yeung Hwang *see* Jong-Wan Kim 13711
Heebner, R.W. *see* Carver, G.E. 2576
Heedt, C. *see* Kunzel, H. 18187
Heedt, C. *see* Scheffer, F. 28206
Heeg, P. Intensity measurements of heavy ion beams from SIS 7101
Heegard, C. *see* Saints, K. 12854
Heeger, A.J. *see* Aratani, S. 3359
Heeger, A.J. *see* Sariciftci, N.S. 20513
Heeger, A.J. *see* Yang, Y. 35610
Heeger, A.J. *see* Yu, G. 43656
Heeger, A.J. *see* Zhang, C. 20557
Heeke, H. A traffic-control algorithm for ATM networks 5148
Heekenjann, P.B. *see* Tonshoff, H.K. 21142
Heelis, R.A. *see* Decker, D.T. 47253
Heeman-Ilieva, M.B., Udalov, Yu.B., Hoen, K., Witteman, W.J. Enhanced gain and output power of a sealed-off rf-excited CO_2 waveguide laser with gold-plated electrodes 28727
Heeman-Ilieva, M.B., Udalov, Yu.B., Witteman, W.J., Peters, P.J.M., Hoen, K., Ochkin, V.N. RF excited 1.1 W/cm waveguide CO_2 laser 3418
Heemskerk, H.J.M. *see* Sittrop, H. 46092
Heemskerk, J.A. *see* Kaan, A.P. 6928
Heemyong Park, Jones, K.S., Law, M.E. A point defect based two-dimensional model of the evolution of dislocation loops in silicon during oxidation 42640
Heenan, P. *see* Mei, V.C. 25904
Heep, W. *see* Wiechmann, K. 47664
Heer, D.L., Toffer, H. Computer analyses support of an active neutron moisture probe for the Hanford Site tanks 23941
Heer, K.P. *see* Meier, D. 8203
Heerden, A.Van *see* Van Heerden, A.
Heeren, R.M.A. *see* de Graaf, M.J. 46827
Hees, K.Van *see* Van Hees, K.
Heesch, E.J.M.van *see* van Heesch, E.J.M.
Heese, R. *see* Murphy, J.B. 7125
Heesel, H. *see* Kurz, H. 43614
Hefele, R. *see* Paul, D.K. 12792
Hefele, R.H. *see* Paul, D.K. 3140
Hefeng Wang, Kohno, R., Imai, H. Adaptive array antenna combined with tapped delay line using processing gain for direct-sequence/spread-spectrum multiple-access system 30599
Hefferan, J.T., Reisenfeld, S. An adaptive neural net based spectral classifier 6358
Heffler, D.E. *see* Christian, H.A. 7589
Heffner, B.L. Attosecond-resolution measurement of polarization mode dispersion in short sections of optical fiber 20338
Heffner, S. *see* Nalamasu, O. 11060
Hefley, P. *see* Dunn, C. 34079
Heflinger, L.O. *see* Jackson, C.M. 1403
Hefner, A.R., Blackburn, D.L. Simulating the dynamic electrothermal behavior of power electronic circuits and systems 34881
Hefner, A.R. *see* Mitter, C.S. 35009
Hefner, H.-A. *see* Seibt, M. 2084
Hegarty, J. *see* Asatsuma, T. 10840
Hegarty, J. *see* Farrell, G. 35799
Hegarty, J. *see* Jennings, A. 11757
Hegarty, J. *see* Jennings, A. 11789
Hegarty, J. *see* Jennings, A. 43573
Hegarty, J. *see* Mitchell, N.F. 36024
Hegarty, J. *see* Moloney, M.H. 10723
Hegblom, E. *see* Chao, T.-H. 35514
Hegde, M. *see* El-Amawy, A. 26786
Hegde, M. *see* Naraghi-Pour, M. 44705
Hegde, R.I., Chonko, M.A., Tobin, P.J. Growth and surface morphology of thin silicon films using an atomic force microscope 41427
Hegde, R.I. *see* Olowolafe, J.O. 11364
Hegde, R.K. *see* Nandakumar, V.N. 8338
Hegde, R.K. *see* Nandakumar, V.N. 16729
Hegeler, F., Masten, G., Krompholz, H., Hatfield, L.L. The early phase of dielectric surface flashover 35127
Heggarty, K. *see* Duvillier, J. 35527
Heggland, K.R. *see* Flatabo, N. 24605
Hehl, K. *see* Gotz, B. 20355
Hehmann, D. *see* Kappner, T. 5549
Heiblum, M. *see* Brill, B. 42426
Heiblum, M. *see* Ramon, A. 19564
Heibmeier, M. *see* Volkel, R. 3374
Heide, B.von der *see* von der Heide, B.
Heide, J.A.van der *see* van der Heide, J.A.
Heide, S. *see* Nachtwei, G. 19391
Heidelberger, P. Fast simulation of rare events in queueing and reliability models 5223
Heidelberger, P. *see* Stone, J.M. 45350
Heideman, G. *see* Hoeksema, F. 14785
Heideman, J.-L.P. *see* Horsthuis, W.H.G. 43464
Heideman, J.-L.P. *see* Horsthuis, W.H.G. 43506
Heidemann, A., Denz, W., Roche, W. Specifications for the operation of preheated cathode fluorescent lamps on electronic ballasts 48455
Heidemann, A., Hien, S., Panofski, E., Roll, U. Compact fluorescent lamps 8969
Heidemann, H., Bausch, J. A modern tension-test installation for optical fibre cables 23420
Heidemann, R., Wedding, B., Veith, G. 10-Gb/s transmission and beyond 30737
Heidemann, R. *see* Hein, B. 30559
Heidemann, R. *see* O'Reilly, J.J. 23036
Heidemann, R. *see* Schmuck, H. 30720
Heidenreich, G. *see* Schryber, U. 6907
Heider, U., Weis, O. Distortion-free, calibrated $LiNbO_3$ piezoscanner for probe microscopes with atomic resolution 28319
Heidler, F., Wiesinger, J. Survey of actual lightning—EMP measurement and analysis activities 36288
Heidler, F. *see* Freund, R. 36268
Heidrich, E., Wiesbeck, W. Theoretical and experimental determination of the polarimetric antenna radar cross section 29320
Heidrich, E. *see* Rostan, F. 29382
Heidrich, H. *see* Weber, R. 3376
Heidrich, M. *see* Brons, S. 46865
Heidrich, P., Hanitsch, R. Rapid prototyping of switched reluctance drives 40542
Heiermann, C. *see* Seitz, A. 39966
Heiermann, G., Husemann, R.-U., Hougaard, P., Kather, A., Knizia, M. Design and construction aspects for steam generators with high steam parameters 39896
Heifets, S. *see* Ruth, R.D. 46776
Heifets, S.A., Kheifets, S.A. Longitudinal electromagnetic fields in an aperiodic structure 36330
Heighway, J. *see* Hartmann, C.S. 2757
Heighway, J. *see* Hartmann, C.S. 2777
Heijden, G.-J.van der *see* van der Heijden, G.-J.
Heijden, J.M.M.van der *see* van der Heijden, J.M.M.
Heijenk, G.J., Xinli Hou, Niemegeers, I.G. Communication systems supporting multimedia multi-user applications 37270
Heijmans, H.J.A.M. A note on the umbra transform in gray-scale morphology 5100
Heijmans, H.J.A.M. *see* Kraus, E.J. 22063
Heijne, E. *see* Ionescu, A. 19803
Heijne, E.H.M. *see* Anghinolfi, F. 1079
Heijne, E.H.M. *see* Beker, H. 7152
Heijne, E.H.M. *see* Campbell, M. 46972
Heijne, E.H.M. *see* Dierickx, B. 24001
Heijne, M. *see* Huizer, E. 14137
Heijnen, E.W. *see* van der Werf, A. 34117
Heijningen, P.H.van *see* van Heijningen, P.H.
Heijst, E.van *see* van Heijst, E.

Heijster, R.M.E.M.Van *see* Van Heijster, R.M.E.M.
Heike, S. *see* Wada, Y. 28231
Heikkila, T., Jarviluoma, M., Voutilainen, O. Locating regular objects by an ultra-sonic multi-sensor system based on iterative estimation with uncertainty 21986
Heikkinen, V. *see* Karioja, P. 33363
Heil, R.-D. *see* Govaert, K. 31556
Heiland, R., Leslie, A. Combining electron and focused ion beam techniques for failure analysis and design verification of integrated circuits 43045
Heilbronn, B., Corera, J.M., Fandino, J., Hayashi, T., Kato, M., Kirschen, D., Knight, U.G., Krost, G., Manoliu, R., Matsumoto, K., Partanen, J., Reichelt, D. A survey of expert systems for power system restoration 24818
Heilbronn, B. *see* Bourgin, F. 24686
Heilbrunn, W. *see* Harwood, L. 15527
Heileman, G.L. *see* Ho, C.S. 27111
Heileman, G.L. *see* Ho, C.S. 34200
Heiler, F. *see* Lin, M.-R. 42694
Heiler, F.P. *see* Rakkhit, R. 42946
Heilig, R., Hollmann, D., Baumann, G. A monolithic 1-55 GHz HEMT distributed amplifier in coplanar waveguide technology 27262
Heilinger, J. *see* Flaig, J. 40633
Heilmann, A. *see* Reinhardt, C. 892
Heilper, M. *see* Cory, H. 36228
Heim, C.G. *see* Banks, D.R. 34400
Heim, R.R., Jr. *see* Robinson, D.A. 32082
Heim, U. A new approach for the determination of the shape of etched devices 27703
Heiman, K. *see* Busselman, B. 10929
Heimbuch, M.E., Holmes, A.L., Jr., Reaves, C.M., Mack, M.P., Denbaars, S.P., Coldren, L.A. Tertiarybutylarsine and tertiarybutylphosphine for the MOCVD growth of low threshold 1.55 μm $In_xGa_{1-x}As/InP$ quantum-well lasers 41440
Heimbuch, M.E. *see* Holmes, A.L., Jr. 20809
Heime, K. *see* Averin, S.V. 43629
Heime, K. *see* Averin, S.V. 46424
Heime, K. *see* Behet, M. 41257
Heime, K. *see* Finders, J. 9634
Heime, K. *see* Kusters, A.M. 35021
Heime, K. *see* Schmidt, G. 41345
Heime, K. *see* Shi Changxin 31213
Heimes, K. *see* Bruan, R.-P. 30576
Heimhofer, B. *see* Bosch, D. 8725
Heimlich, D. *see* Haas, R.W. 12780
Heimrich, B. *see* Boggasch, E. 15426
Hein, B., Heidemann, R., Bambach, W., Schlechte, R., Nordby, R., Alcalde, I., Uzunoglu, N.K., da Rocha, J.F. RACE 1051: a multigigabit transport and distribution technology for provision of digital video services 30559
Hein, G., Pychlau, P. X ray test object to check the consistent performance of X ray equipment for radiography and fluoroscopy according to German DIN standards 24170
Hein, I.A., Chen, J.T., Jenkins, W.K., O'Brien, W.D., Jr. A real-time ultrasound time-domain correlation blood flowmeter. I. Theory and design 24255
Hein, I.A., Novakofski, J.A., O'Brien, W.D., Jr. Ultrasound data acquisition system design for collecting high quality RF data from beef carcasses in the slaughterhouse environment 7672
Hein, I.A., O'Brien, W.D., Jr. A real-time ultrasound time-domain correlation blood flowmeter. II. Performance and experimental verification 24256
Hein, S. Exploiting chaos to suppress spurious tones in general double-loop $\Sigma\Delta$ modulators 26752
Hein, S., Zakhor, A. Reconstruction of continuous tone images from their error-diffused halftone version 29757
Heinbockel, J. *see* Balasubramaniyan, A. 1413
Heindler, M., Hille, P., Kromp, W., Kromp, K.H., Seidelberger, E. Evaluation of the safety status of the WWER 440/230 units at Jaslovske Bohunice 39884
Heine, E., van der Linden, A., Bijleveld, J.H.M., Bruinsma, P.J.T., Kuijt, J.J., Timmer, P.F. Pulsed electrostatic kickers with low beam impedance for AmPS 15566
Heine, E. *see* van der Linden, A. 15405
Heine, F. *see* Schepler, K.L. 20711
Heinecke, H. III-V crystal growth of novel layered structures using metalorganic molecular beam epitaxy 18184
Heinecke, H., Veuhoff, E. Evaluation of III-V growth technologies for optoelectronic applications 9629
Heinecke, K. Single-phase electric motors: characteristics and applications 32869
Heineman, W.R. *see* Rauen, K.L. 14969
Heinemann, K. *see* Mexner, W. 15178
Heinemann, K.G. *see* Harvey, R.L. 21979
Heinemann, L., Frohleke, N., Grotstollen, H. High power, high frequency quasi-zero-voltage-switched PWM forward converter with very low reactive power 32944
Heinemann, S. *see* Schmitt, N.P. 3577
Heinemann, W.-R. The English electricity system—a provisional appraisal 39510
Heinemeyer, R. *see* Bruggemann, G. 25499
Heinemeyer, R. *see* Frontzek, F.R. 8705
Heinitz, M., Gruning, T. Generation of inherently periodical test patterns for the E-beam test of scan-based designs 40908
Heinle, F. *see* Schussler, H.W. 36743
Heinle, G. The structure of optimized pulse patterns 17025
Heinlein, W.E. *see* Deutsch, B. 28469
Heinlein, W.E. *see* Kunz, A. 21311
Heinlein, W.E. *see* Moratzky, M. 35346
Heinonen, J. *see* Jokinen, A. 33293
Heinonen, K. *see* Andersson, R. 16917
Heinrich, D. *see* Mayer, K.H. 16558
Heinrich, P. Illumination electronics saves energy and costs 17587
Heinrich, S.M., Liedtke, P.E., Nigro, N.J., Elkouh, A.F., Lee, P.S. Effect of chip and pad geometry on solder joint formation in SMT 26188
Heinrich, W. The resistance of strip conductors embedded in a two-dimensional field distribution 1600
Heinrich, W. Conductor loss on transmission lines in monolithic microwave and millimeter-wave integrated circuits 10486
Heinrich, W. Description of conductor-loss effects in planar transmission lines 42132
Heinrich, W. *see* Beilenhoff, K. 19129
Heinrich, W. *see* Haydl, W.H. 27260
Heinrich, W. *see* Raabe, P. 15439
Heinrichs, B., Jakobs, K. Timer handling in high-performance transport systems 14059
Heinrichs, B., Jakobs, K., Meuser, T. DyCAT—a modular approach to specification and implementation of high speed transfer systems 14182
Heinrichs, B., Meuser, T., Spaniol, O. High speed interconnection of workstations: concepts, problems and experiences 30467
Heinrichs, B., Reinhardt, W., Stainov, R. The DYCE concept—architecture & implementation strategies 13920
Heinrichs, B. *see* Jakobs, K. 37438
Heinrichs, W. Finite element preconditioning for spectral multigrid methods 625
Heinrichsdorff, F. *see* Grundmann, M. 41302
Heinrichsdorff, F. *see* Krost, A. 41292
Heinrichsdorff, F. *see* Schnabel, R.F. 26438
Heinselman, C.J. *see* Palmer, R.D. 7616
Heinson, A.P. *see* Ziock, H.-J. 46885
Heinstadt, J. New approximation technique for current distribution in microstrip array antennas 4329
Heintz, U. The Dϕ experiment at Fermilab 7202
Heintze, M., Westlake, W., Santos, P.V. Surface controlled plasma deposition and etching of silicon near the chemical equilibrium 27763
Heintze, M., Zedlitz, R. Control of a-Si:H deposition by the ion flux in a VHF plasma 33710
Heintze, M., Zedlitz, R., Bauer, G.H. Analysis of high-rate a-Si:H deposition in a VHF plasma 866
Heintze, M., Zedlitz, R., Bauer, G.H. Mechanism of high rate a-Si:H deposition in a VHF plasma 26481
Heintze, M. *see* Zedlitz, R. 26482
Heintze, M. *see* Zedlitz, R. 26513
Heintze, M. *see* Zedlitz, R. 33714
Heinz, C. Diffusion from zinc-doped spin-on sources into n-gallium antimonide 11840
Heinz, W.W., Pratt, R.E., Fisher, P.H. A new family of microwave signal generators for the 1990s 23759
Heinze, M.A. *see* Hendrix, C.E. 36204
Heinzel, W., Schrobar, M. Expert system for fault diagnosis of local area networks 30498
Heirman, D.N. The open area test site—still the key to radiated emission testing 36283
Heirman, D.N. Commercial EMC standards in the United States 44420
Heise, G., Schienle, M. Investigation of directional coupler near-end cross talk by laser-induced refractive-index shifts 20380
Heise, R. The way to quality assurance certification. Certified quality will also become ever more important in switchboard construction and in domestic technology 8693
Heiser, G. *see* Aberle, A.G. 33018
Heiser, J.E., Hinkle, G.L. An update on the ATAG initiative 23431
Heising, C.R. *see* Adler, R.B. 47543
Heisler, J.F. *see* Wolpert, S. 18929
Heismann, F., Ambrose, A.F., Murphy, T.O., Whalen, M.S. Polarization-independent photonic switching system using fast automatic polarization controllers 45723
Heismann, F., Buhl, L.L., Miller, B.I., Newkirk, M., Koren, U., Young, M.G., Alferness, R.C. Polarization-independent wavelength filter using a grating-assisted vertical directional coupler in InP 35440
Heismann, F., Hansen, P.B., Korotky, S.K., Raybon, G., Veselka, J.J., Whalen, M.S. Automatic polarisation demultiplexer for polarisation-multiplexed transmission systems 14593
Heismann, F., Hansen, P.B., Korotky, S.K., Raybon, G., Veselka, J.J., Whalen, M.S. Automatic polarization demultiplexer for polarization-multiplexed transmission systems 38093
Heiss, M. Pulse-count modulator instead of pulse-width modulator to improve the controller dynamic 18823
Heiss, W., Schweer, A. Reliability analyses for planning and operation of regional medium-voltage networks 24871
Heiss, W.-D. *see* Wienhard, K. 47046
Heissmeier, M., Sheridan, J.T., Schwider, J., Streibl, N. Detection of errors in microlithographic grating fabrication using a simple methodology 35460
Heistand, B. *see* Langhoff, C.A. 2929
Heistand, R.H., II, Frye, D.C., Burdeaux, D.C., Carr, J.N., Garrou, P.E. Economic evaluation of deposited dielectric MCM manufacturing costs 9303
Heiszler, M. *see* Dewald, N. 16197
Heitbaum, J. *see* Wiegleb, G. 23752
Heitmann, D. *see* Eberl, K. 41341
Heitner, K.L. *see* Burke, A.F. 48266
Heitz, C., Becker, J.D. An optimized time-frequency distribution for speech analysis 29558
Heitz, F., Bouthemy, P. Multimodal estimation of discontinuous optical flow using Markov random fields 29882
Heitz, F. *see* Kervrann, C. 22286
Heitzenrater, D.P. *see* Barringer, E.A. 17282
Heitzinger, F., Kippenberg, H., Saeger, K.E., Schroder, K.-H. Contact materials for vacuum switching devices 40360
Heitzinger, J.M., White, J.M., Ekerdt, J.G. Mechanisms of GaAs atomic layer epitaxy: a review of progress 26462
Heitzmann, H. *see* Ferlazzo, L. 2228
Hejase, H.A.N. Analysis of a printed wire loop antenna 44595
Hejase, H.A.N. *see* Naishadham, K. 12630
Hejazi, S., Moghadam, O.A., Spangler, R.A., Anbar, M. Simultaneous acquisition of thermal and visible images in a scanning infrared camera 31290
Hejun Yao *see* Yao Hejun
Hejzlar, P., Ubra, O., Ambroz, J. A computer program for transient analysis of steam turbine generator overspeed 39987
Hejzlar, P. *see* Ubra, O. 39821
Hekmat, R., van der Hoek, L., Kramer, R.A. Developing tools for planning satellite services 14551
Hekstra, A.P. Reduction of the numerical range of the path metrics in a Viterbi decoder 12871
Helai Yao, Podhorodeski, R., Zuomin Dong A cross-section based multiple-view range image fusion approach 22237
Helal, F. *see* Bonchev, T. 24083
Helaly, A., Fahmy, H.M. Combined-field integral equation 3957
Helaly, A.M., Abushagur, M.A.G. Acousto-optic star couplers for routing and broadcasting in local area networks 45527
Helava, H.I. *see* Herman, M.H. 28623
Helberg, A.S.J., Ferreira, H.C. New bounds on the cardinality of double synchronization-error-correcting codes 12944
Helbig, J. *see* Colbourne, E.B. 7635
Helburn, R.S. *see* Hayashi, Y. 18842
Held, G. Frye Computer Systems' Netware Management 5386
Held, R. *see* Korec, J. 11316
Helenius, V.M. *see* Oksanen, J.A.I. 3734
Helfrick, A. Current trends and practices in ramp testing of digital avionics systems 39289
Helfritch, D.J. Pulsed corona discharge for hydrogen sulfide decomposition 29109
Helfritch, D.J., Kumar, K.S. Comparative economics of SO_2 control technologies 32699
Helgee, B. *see* Bjellheim, P. 43216
Helgeson, A. *see* Hsueh, C.-C. 35135
Helgeson, M., Dietrich, P., Kooyman, J., Reitan, R., Radke, J., Edwards, T., Witt, W., Jordan, L. Display processing for a synthetic vision system (SVS) utilizing the VME environment 39224
Helgeson, M. *see* Sadjadi, F. 38160
Helgeson, M.A., Tanji, T.M., Kilgore, G.A. Impact of recent compression/decompression technologies in video distribution systems 39228
Helgeson, W.D. *see* Loubriel, G.M. 28622
Helgeson, W.D. *see* Loubriel, G.M. 44466
Helgeson, W.D. *see* Zutavern, F.J. 28624
Helgoth, W.F. *see* Campbell, J.W. 38600
Heli Wei, Ruizhong Rao, Zhengfang Song Remote sensing the column abundance of atmospheric CH_4 from ground-based IR solar spectrum 24496
Helier, M. *see* Crampagne, J. 26106
Helin Zou *see* Zou Helin
Heliodore, F. *see* Mehaute, A.L. 21156
Helios, R. *see* Schilz, J. 27476
Helkey, R., Mar, A., Wei-Xiong Zou, Young, D.B., Bowers, J. Mode-locked repetition rate feedback stabilization of semiconductor diode lasers 20870
Helkey, R., Zou, W.-X., Mar, A., Young, D.B., Browers, J. Curved and tapered waveguide mode-locked InGaAs/AlGaAs semiconductor lasers fabricated by impurity induced disordering 20896
Helkey, R. *see* Mar, A. 43914
Helkey, R.J. *see* Karin, J.R. 29001
Hellard, M.J. Magnetic sensors for underwater navigation 46373
Hellberg, R. *see* He, S. 29157

Hellebrand, S., Tarnick, S., Rajski, J., Courtois, B. Generation of vector patterns through reseeding of multiple-polynomial linear feedback shift registers 1159
Hellebrekers, P.P. *see* Hollman, R.F. 2294
Hellemans, L. *see* Snauwaert, J. 42542
Helleputte, H.R.J.R.van *see* van Helleputte, H.R.J.R.
Helleputte, H.R.J.van *see* van Helleputte, H.R.J.
Helleputte, J.C.C.Van *see* Van Helleputte, J.C.C.
Heller, A. *see* Srinivas, R.A. 9675
Heller, J. *see* Paik, W.H. 30991
Heller, K. *see* Johns, K. 31685
Heller, L. *see* Slager, J. 28279
Heller, P.N. *see* Steffen, P. 44975
Heller, R. *see* Friesinger, G. 11552
Heller, R. *see* Zurfluh, E.A. 5466
Heller, R.Page *see* Page Heller, R.
Heller, R.S., Martin, C.D. Attracting young minority women to engineering and science: necessary characteristics for exemplary programs 33280
Hellerstein, J.L. An introduction to modeling dynamic behavior with time series analysis 5351
Helleseth, T. *see* Hamada, N. 21625
Helleseth, T. *(editor)* Advances in Cryptology - EUROCRYPT '93. Workshop on the Theory and Application of Cryptographic Techniques Proceedings 36558
Hellestrand, G.R. *see* Nicol, C.J. 30004
Hellgren, J. *see* Lunner, T. 24357
Hellman, E.S. *see* Pambianchi, M.S. 20181
Hellman, S. *see* Ambrosini, G. 38419
Hellman, S. *see* Ambrosini, G. 38898
Hellmann, D. *see* Hill, M. 42610
Helloco, P.Le *see* Le Helloco, P.
Hellwig, B.J. *see* Manglos, S.H. 24250
Hellwig, H. Time and frequency applications 14864
Hellwig, H.W. *see* Breakiron, L.A. 23765
Helm, L.J.G.von *see* von Helm, L.J.G.
Helm, R. *see* Krejcik, P. 15394
Helmer, M. *see* Bjarklev, A. 43447
Helmfrid, S., Laurell, F., Arvidsson, G. Optical parametric amplification of a 1.54-μm single-mode DFB laser in a Ti:$LiNbO_3$ waveguide 21008
Helmfrid, S., Tatsuno, K. Stable single-mode operation of intracavity-doubled diode-pumped Nd:YVO_4 lasers: theoretical study 43774
Helmick, R.E., Rice, T.R. Removal of alignment errors in an integrated system of two 3-D sensors 23497
Helmick, R.E., Rice, T.R. Registration of a 3D sensor and a 2D sensor measuring range and azimuth 32164
Helmick, R.E. *see* Gray, J.E. 14687
Helmig, V. *see* Schmidt, W.-D. 23585
Helmis, C.G. *see* Soilemes, A. 15993
Helmolt, C. *see* Schnabel, R. 38076
Helmolt, C.H.von *see* von Helmolt, C.H.
Helmolt, C.v. *see* Schnabel, R. 38128
Helmolt, C.von *see* von Helmolt, C.
Helmreich, K., Wolz, W., Batinic, M. An optimized electron beam deflection assembly 42375
Helmreich, K. *see* Scharf, R. 11264
Helmrot, E., Alm Carlsson, G., Eckerdal, O., Sandborg, M. Use of an ivory wedge as a test phantom in analysing the influence of scattered radiation and tube potential on radiographic contrast in intraoral dental radiology 15783
Helms, C., Perry, G. A temperature tracking SPICE2G.6 macromodel of the 6N134 optocoupler 20526
Helms, C. *see* Whitefield, P.D. 35683
Helms, C.R., Park, H. Generalized model of metal bonding and cleaning from wafer surfaces 34745
Helms, C.R. *see* Beerling, T.E. 19600
Helms, C.R. *see* Park, H. 34751
Helms, W.J. *see* Wu, W.-C.S. 41694
Helmsen, J.J., Neureuther, A.R. 3D lithography cases for exploring technology solutions and benchmarking simulators 2336
Helmy, D. *see* Cuervo, F. 37627
Helmy, D.-E. An alternative approach in TMN interface modeling 30376
Helszajn, J., Cheng, C.S., Wilcock, B.A. A nonreciprocal tunable waveguide directional filter using a turnstile open gyromagnetic resonator 34229
Helszajn, J. *see* Levy, R. 18975
Helton, A.J. *see* Sisk, R.C. 6742
Helvenstein, R. Optical fibre: from yesterday to tomorrow. . 14641
Helvik, B.E., Melteig, O., Morland, L. The Synthesized Traffic Generator: objectives, design and capabilities 14283
Helvoort, M.J.A.M.Van *see* Van Helvoort, M.J.A.M.
Hemachandran, S., Mohanan Chettiar, V. A computerised checkout system for the control power plant of a satellite launch vehicle 7557
Hemami, S.S. *see* Meng, T.H. 14489
Hemani, A., Karlsson, B., Fredriksson, M., Nordqvist, K., Fjellborg, B. Application of high-level synthesis in an industrial project 41561
Hemati, N. Strange attractors in brushless DC motors 40250
Hembd, C., Tiziani, H.J. Diffractive optical elements for CO_2 laser beam diagnostics 36082
Hemel, M.van den *see* van den Hemel, M.
Hemery, J.-Y., Simon, D.J. The LEAR experimental areas 15307
Hemink, G., Endoh, T., Shirota, R. Modeling of the hole current caused by Fowler-Nordheim tunneling through thin oxides 42580
Hemink, G. *see* Aritome, S. 41883
Hemment, P.L.F. *see* Geatches, R.M. 34614
Hemment, P.L.F. *see* Giles, L.F. 10888
Hemment, P.L.F. *see* Giles, L.F. 34612
Hemment, P.L.F. *see* Lourenco, M.A. 19462
Hemment, P.L.F. *see* Nejim, A. 10833
Hemment, P.L.F. *see* Nejim, A. 34613
Hemment, P.L.F. *see* Shi Zuoyu 42593
Hemment, P.L.F. *see* Yupu Li 2091
Hemment, P.L.F. *see* Zhang, J.P. 33597
Hemment, P.L.F. *see* Zuoyu Shi 34611
Hemmer, B. *see* Fischer, G. 17613
Hemmer, P.R., Cheng, K.Z., Kierstead, J., Shahriar, M.S., Kim, M.K. Time-domain optical data storage by use of Raman coherent population trapping 35319
Hemmerich, A., Zimmermann, C., Hansch, T.W. Compact source of coherent blue light 44066
Hemmerlin, S. *see* Yonnet, J.-P. 43323
Hemmes, D.G. *see* Tom Wu, T.H. 27736
Hemming, O.N., Luchetta, A., Schmidt, V., Vitturi, S. Industrial control and monitoring technology in a large nuclear fusion experiment 8096
Hemond, H.F. *see* Ernst, M.J. 42345
Hempel, D. Local mesh adaptation in two space dimensions 33564
Hempel, J. Automatic audio measurements with user-friendly control system of Audio Analyzer UPD 38361
Hempel, K., Bergner, H. Time-resolved investigations of n-MOS devices by capacitive coupling in a laser scanning microscope 41797
Hempel, K.A. *see* Surig, C. 2800
Hemphill, H. *see* Wiesman, T. 47839
Hen-Wai Tao *see* Shyh-Lin Tsao 3723
Hen-Wai Tsao *see* Ching-Chih Kuo 14624
Hen-Wai Tsao *see* Ching-Chih Kuo 45922
Hen-Wai Tsao *see* Jingshown Wu 14622
Hen-Wai Tsao *see* Jiunn Shyen Wu 30779
Hena Mostafa Kamal Abu *see* Kamal Abu Hena Mostafa
Henck, R. *see* Thomas, H.G. 7155
Henck, S.A. *see* Barna, G.G. 27711
Hendel, P.B., McDonald, M. Concepts and start-up of Nucor compact strip production (CSP) hot strip mill at Hickman 25957
Hendershot, D.G., Gaskill, D.K., Justus, B.L., Fatemi, M., Berry, A.D. Organometallic chemical vapor deposition and characterization of indium phosphide nanocrystals in Vycor porous glass 9746
Hendershot, D.G. *see* Justus, B.L. 3875
Henderson, A.J. *see* Withers, D.E. 3852
Henderson, B. *see* De La Rue, R.M. 3866
Henderson, B. *see* Nicholls, J.F.H. 18124
Henderson, B. *see* Nicholls, J.F.H. 20730
Henderson, C.L., Williams, R.H., Hawkins, C.F. Economic impact of type I test errors at system and board levels 258
Henderson, D.J. *see* Davids, C.N. 24115
Henderson, D.S. Recent developments of an electronic load governor for micro hydroelectric generation 25252
Henderson, D.S., Macpherson, D.E. Application of solid state switching devices to electronic load governing of micro hydro generators 16761
Henderson, G.N., First, P.N., Gaylord, T.K., Glytsis, E.N. Quantum transmittance from low-temperature ballistic electron emission spectroscopy of Au/Si(100) Schottky interfaces 10739
Henderson, G.N., Gayord, T.K., Glytsis, E.N., Anemogiannis, E., West, L.C., Roberts, C.W., Asom, M.T. Nanostructure optical emitters based on quasibound electron energy levels 20905
Henderson, H.T. *see* Yuliasto, T.T. 26927
Henderson, I., Jago, J.R., Willson, K., Whittingham, T.A. Towards a protocol for measurement of maximum spatial peak temporal average acoustic intensity from diagnostic B mode ultrasound scanners in the field 15817
Henderson, I.A., McGhee, J. Symbolic codes for multifrequency binary testing of control systems 21510
Henderson, I.A., McGhee, J., Al Muhaisni, M. Multifrequency binary testing in measurement and control 26110
Henderson, J. *see* Bernacki, S. 35199
Henderson, L., Simpkins, L., Namenson, A., Campbell, A., Ritter, J., Wolicki, E. A practical system hardness assurance program [space systems] 39242
Henderson, P.C.B. *see* Hunt, A.J. 14072
Henderson, R.D., Rose, P.J. Harmonics: the effects on power quality and transformers 9012
Henderson, S., Jones, R. Synchronizing SONET 6094
Henderson, S. *see* Alexander, J.P. 24110
Henderson, S. *see* Alexander, J.P. 46860
Henderson, S.D. *see* Asoka-kumar, P. 23994
Henderson, S.W. *see* Hawley, J.G. 7602
Henderson, T., Liu, W., Kim, T.S. Current conduction in an implant isolated GaAs/AlGaAs heterostructure 19390
Henderson, T. *see* Liu, W. 1507
Henderson, T. *see* Liu, W. 1552
Henderson, T.L. A stereo sonar for object examination 14722
Henderson, T.S. *see* Beam, E.A., III 41327
Henderson, W. *see* Bub, R. 40913
Henderson, W. *see* Chlebus, E. 37101
Henderson, W. *see* Coyle, A.J. 22372
Hendji, A.N., Bataillard, P., Jaffrezic-Renault, N. Covalent immobilization of glucose oxidase on silanized platinum microelectrode for the monitoring of glucose 6610
Hendren, W.R. *see* Atkinson, R. 35220
Hendrick, R.O., Jr., Shadaram, M., Maleki, L. The change of polarization in single-mode fibers due to external perturbations 11623
Hendricks, A.J. *see* Scalf, B. 7877
Hendricks, D. Wireless off-ramps from the information highways 45399
Hendricks, D. *see* Brooks, R. 10599
Hendricks, K.J., Ahluwalia, H.S. Measurements of microwave transmission through a decaying plasma column 44376
Hendricks, S. A bright future for DC plasma displays 31362
Hendrickson, B.M. Overview of the Tri-Service fiber optic technology program 6017
Hendrickson, B.M. Overview of the tri-service fiber optic technology program 6088
Hendrickson, E., Lasiecka, I. Numerical approximations and regularizations of Riccati equations arising in hyperbolic dynamics with unbounded control operators 26374
Hendrickson, J.T., Miller, P.J. Progress in field testing of shielded cables 34303
Hendrickson, L. *see* Himel, T. 6991
Hendrickson, L. *see* Ross, M.C. 15416
Hendrickx, P. *see* Wu, M.F. 10882
Hendriks, H. *see* Pan, N. 9549
Hendriks, H.T. *see* Hoke, W.E. 19528
Hendriks, M. *see* Werkhoven, C. 34736
Hendriks, P. *see* Haverkort, J.E.M. 42482
Hendriksen, B. *see* Diemeer, M.B.J. 3125
Hendriksen, B. *see* Suyten, F.M.M. 44128
Hendrix, C.D. *see* Vijaya Kumar, B.V.K. 30114
Hendrix, C.E., Kulon, G., Anderson, C.S., Heinze, M.A. Multigigabit transmission through rain in a dual polarization frequency reuse system: an experimental study 36204
Hendrix, C.E., Kulon, G., Russell, T.A. Observations of time dependence in the relationship between rain attenuation and depolarization in the 18- to 21.2-GHz region 4122
Hendrix, L. *see* Roth, S.S. 10149
Hendry, M. Implementing EDI 26044
Henein, J., Azemard, H., Pierrugues, M., Prevot, R., Schatz, A. Trunked mobile radiocommunication networks 14454
Henely, S.J. *see* Dutta, S. 37936
Henesian, M.A., Dixit, S.N., Chen, C.-J., Wai, P.K.A., Menyuk, C.R. Simulations of spectral broadening by cross-phase modulation (XPM) with chaotic light pulses 35943
Henesian, M.A. *see* Lawson, J.K. 35948
Henesian, M.A. *see* Pennington, D.M. 35976
Henestroza, E. *see* Celata, C.M. 31562
Henestroza, E. *see* Eylon, S. 23983
Henestroza, E. *see* Eylon, S. 31558
Henestroza, E. *see* Eylon, S. 31613
Henestroza, E. *see* Garvey, T. 23984
Heng Chen *see* Chen Heng
Heng Wang *see* Wang Heng
Heng Wang Ye *see* Ye Heng Wang
Heng-Sheng Huang, Chun-Yen Chang, Chen-Chung Hsu, Kun-Luh Chen, Jyh-Kuang Lin The behavior of bilateral latch-up triggering in VLSI electrostatic discharge damage protection circuits 11319
Heng-Sheng Huang, Chun-Yen Chang, Kun-Luh Chen, Ingdar Liu, Chen-Chung Hsu, Jyh-Kuang Lin A study on bilateral latch-up self-triggering in complementary metal-oxide-semiconductor protection circuits 28273
Heng-Sheng Huang *see* Jyh-Kuang Lin 1216
Hengchang, Z., Baker, H.J., Hall, D.R. Radio frequency discharge CO waveguide laser 11922
Henger, G. 'Piggyback' communication systems: use of ATM (asynchronous transfer mode) 45649
Hengeveld, H.J., Smits, J. Traction power engineering present and past in the Dutch railways. III 8938
Hengeveld, H.J., Smits, J. Traction power engineering present and past in the Dutch railways. IV 8939
Hengfu Pan *see* Pan Hengfu
Henggeler, B. *see* Michel, C.M. 31940
Henghui Sun *see* Dawei Gong 9531
Hengning Hu *see* Jingwu Qiu 38477
Hengster, H., Drechsler, R., Becker, B. Testability properties of local circuit transformations with respect to the robust path-delay-fault model 41820
Henig, M. *see* Hassin, R. 534
Henige, J.A. *see* Metzger, R.A. 2470
Heninger, L. *see* Eichinger, A. 40045
Henini, M. *see* Beton, P.H. 34904

Henini, M. *see* Buhmann, H. 42851
Henini, M. *see* Harrison, I. 41281
Henini, M. *see* Harrison, P.A. 42857
Henini, M. *see* Hayden, R.K. 34578
Henini, M. *see* Kuhn, O. 43650
Henini, M. *see* Millington, G. 27209
Henini, M. *see* Sakai, J.W. 42850
Henini, M. *see* Turner, T.S. 42505
Henins, A. *see* Deslattes, R.D. 38998
Henion, S.R. *see* Zayhowski, J.J. 28789
Henje, J. *see* Guonason, E. 16297
Henk, P.O., Henriksen, M., Holboll, J.T., Iqbal, J. The influence of various mineral fillers in epoxy plastics on the resistance to partial discharges 2723
Henk, T., Abo-Zahhad, M. Lumped, sampled-data and digital filters with maximum number of constraints on amplitude and phase characteristics 13469
Henk, T., Abo-Zahhad, M. Comments on 'simultaneous amplitude and phase approximation for lumped and sampled filters' 34171
Henk, T. *see* Yaseen, M. 10328
Henke, H. *see* Gundel, H. 7081
Henke, H. *see* Gundel, H. 38803
Henke, H., Homeyer, Genaz, P.J. *(editors)* EPAC92.Third European Particle Accelerator Conference 9078
Henke, T. Integrated circuit tacho-controller incremental transducer for position and incremental pickups 38389
Henke, W. *see* Pforr, R. 2277
Henke, W. *see* Waas, T. 28010
Henke, W. *see* Weiss, M. 27935
Henke-Reed, M.B., Cheng, S.N.C. Cloth texture classification using the wavelet transform 22158
Henkel, D.P. Microstructure of high temperature smart materials. [Optical fiber sensors] 23659
Henkel, W., Chung, H.Y. New filling procedure to reduce delay of burst-error correcting array codes 44732
Henkel, W., Litzenburger, M. A simple multilevel block-coding scheme with $\pi/4$-QPSK properties 21523
Henkelmann, T., Korschinek, G. The Munich laser-ion-source for use of negative ions 46817
Henkes, D.D. An S-parameter based amplifier design program 10469
Henkes, T. *see* Adam, W. 7259
Henkes, T. *see* Adam, W. 31715
Henkes, T. *see* Adam, W. 46929
Henley, F., Nolet, A., Mello-Robinett, R. Manufacturing flat-panel displays 33329
Henley, M. Hot DI water—semiconductor makers increasing use of heated high-purity water for rinsing applications 10894
Henley, M. Particles—is 0.03 μm detection the next advancement? 42606
Henley, W.B., Jastrzebski, L., Haddad, N.F. Monitoring iron contamination in silicon by surface photovoltage and correlation to gate oxide integrity 34626
Henley, W.B., Jastrzebski, L., Haddad, N.F. Effects of iron contamination of thin oxide breakdown and reliability characteristics 34643
Henmi, N., Aoki, Y., Ogata, T., Saito, T., Nakaya, S. A new design arrangement of transmission fiber dispersion for suppressing nonlinear degradation in long-distance optical transmission systems with optical repeater amplifiers 45919
Henmi, N., Saito, T., Nakaya, S. An arrangement of transmission-fiber dispersions for increasing the spacing between optical amplifiers in lumped repeater systems 45966
Henmi, N. *see* Fukuchi, K. 30851
Henmi, N. *see* Seumura, Y. 38100
Henneberg, K.-A., Plonsey, R. Boundary element analysis of the directional sensitivity of the concentric EMG electrode 15866
Henneberger, G. Servo drives: a status review 40529
Henneberger, G., Bailly, G., Hadji-Minaglou, J.R. Design and comparison of different motor types for electric vehicle application 48272
Henneberger, G., Lutter, T. Digital state controllers for brushless DC-motors and squirrel cage induction motors 8427
Henneberger, G. *see* Brunsbach, B.-J. 8350
Henneberger, G. *see* Ohsaki, H. 12536
Henneberger, K. *see* Herzel, F. 43847
Henneberger, K. *see* Jahnke, F. 20877
Henneck, R. *see* Levinson, J. 11106
Henneck, R. *see* v. Edel, G. 7156
Hennemann, O.-D. *see* Hartwig, A. 17835
Hennequin, D. *see* Lewandowski, J. 13536
Hennerbichler, D. *see* Schroedl, M. 8926
Henneso, E. *see* Bagger, C. 17280
Hennessy, J. *see* Knight, D.G. 18152
Hennessy, J. *see* Moore, C.J.L. 1845
Hennessy, J. *see* Moore, C.J.L. 1846
Hennessy, J.L. *see* Young, I. 27004
Hennessy, T.P.J. *see* Caldwell, M.T.P. 38986
Hennessy, W. *see* Korman, C.S. 18481
Hennig, K.R. *see* Tonshoff, H.K. 26235
Hennig, R. *see* Marschke, D. 25158
Hennige, C. *see* Stanghvi, N.T. 15713
Hennige, L.V. *see* Stanghvi, N.T. 15713
Henniger, M. *see* Meier, D. 8203
Henniger, O., Sarikaya, B., Biedlingmaier, S. Test suite generation for application layer protocols from formal specifications in Estelle 30228
Henning, G. 245 kV XLPE cables as a mesh in a 220 kV overhead line transmission network 16355
Henning, I.D. *see* Clements, S.J. 14670
Henning, I.D. *see* Urey, Z. 2442
Henning, I.D. *see* Wake, D. 20522
Henning, R.E., Dunleavy, L.P. Educating microwave engineers in the United States 17749
Henning, W. *see* Meier, J. 24027
Henning, W.A. *see* Smith, R.C. 8184
Henninger, R. *see* Konenkamp, R. 27488
Hennings, D.F.K., Schreinemacher, B., Schreinemacher, H. High-permittivity dielectric ceramics with high endurance 35134
Henningsen, C. *see* Little, A. 30959
Hennington, L. *see* Baldygo, W. 23204
Henrich, C. *see* Ernst, J. 31659
Henrichsen, K.N. *see* Granier, M. 15547
Henriksen, K. *see* Kaye, R.D. 15912
Henriksen, M. *see* Henk, P.O. 2723
Henriksen, M. *see* Rygal, R. 6319
Henriksen, O. *see* Vestergaard-Poulsen, P. 38982
Henriksen, T., Brede, A.P. Overvoltage disturbances caused by the energization of a capacitor bank 25071
Henrion, T. *see* Bonnel, M. 19828
Henrion, W. *see* Panknin, D. 27505
Henrion, W. *see* Pauli, M. 9648
Henrion, Y. *see* Bonnel, M. 28173
Henriques, R.P. *see* Girard, T.A. 24043
Henriquez-Navarro, J.M. *see* Al-Jalili, Y.O. 12798
Henriquez-Navarro, J.M. *see* Al-Jalili, Y.O. 21497
Henry, A., Monemar, B., Lindstrom, J.L., Oehrlein, G.S., Malinowski, J.C. A photoluminescence study of CF_4 reactive-ion-etched silicon: various process conditions and magnetically enhanced etching 19578
Henry, B.M., Staton-Bevan, A.E., Sharma, V.K.M., Crouch, M.A., Gill, S.S. A microstructural analysis of Au/Pd/Ti ohmic contacts for GaAs-based heterojunction bipolar transistors (HJBTs) 2456
Henry, C.H. *see* Gershoni, D. 28831
Henry, C.H. *see* Yaffe, H.H. 35463
Henry, D.D. *see* Franczak, D.F. 32711
Henry, F., Marti, P., Casaux, Y., Combescure, C., Figueras, A., Madigou, V., Rodriguez-Clemente, R., Mazel, A., Sevely, J., Armas, B. LPCVD of SiC layers in a hot-wall reactor using TMS precursor 9760
Henry, F. *see* Bauer, B. 43936
Henry, F. *see* de Romemont, O. 22451
Henry, M. *see* Allard, J.F. 41532
Henry, M. *see* Devaux, F. 43523
Henry, M. *see* Kukhtarev, N. 12415
Henry, M. *see* Mathoorasing, D. 46012
Henry, M.O. *see* Ring, W.S. 35864
Henry, O., Mosnier, A. Superconducting cavities calculations for a B-factory 7074
Henry, P. Flash widens scope for code storage 34058
Henry, P.S. Transmission technologies in global communications 5290
Henry, R. Reactor coolant system fill and vent using the vacuum refill system 32565
Henry, R.C. *see* Shibata, T. 38945
Henry, R.G. *see* Davids, C.N. 24115
Henry, W.P. *see* Wikswo, J.P., Jr. 911
Henry-Biabaud, M. The French industry of passive components 19147
Henschel, H., Harder, U., Kaufmann, H.H., Klein, M., Kostka, P., Lange, W., Lippold, H., Meissner, J., Naumann, T., Winde, M. A silicon backward tracking detector and trigger for the H1 experiment at the ep collider HERA 15623
Henschel, H., Kohn, O., Schmidt, H.U. Radiation sensitivity of plastic optical fibres 2960
Henschel, H., Kohn, O., Schmidt, H.U. Radiation sensitivity of fibre optic couplers 3001
Henschel, H., Kohn, O., Schmidt, H.U. Radiation-induced transmission loss of integrated optic waveguide devices 3138
Henschel, H., Kohn, O., Schmidt, H.U. Radiation sensitivity of passive fibre optic components 35376
Henschel, H. *see* Bernhardt, A. 28443
Henschel, H. *see* Fabian, H. 3029
Henschel, M., Kreye, H., Hinrichs, H.-J. Connecting the West Berlin isolated network to the VES network 7854
Henschel, M., Sonnemann, A., Hinrichs, H.J., Ehrlich, I. Measurement and calculation of transient processes between the BEWAG and the VEAG power supply systems 32338
Henschke, W. Powerful TV measuring equipment for a tight budget 38608
Hensel, E.C. *see* Marrujo, A.R. 28946
Henshall, G.D. *see* Davies, I.G.A. 28880
Henshall, G.D. *see* Goodwin, A.R. 20838
Hensher, D. *see* Madden, G. 14067
Hensley, D.A. *see* Sohn, K. 10748
Hensley, J.L. *see* Douglas, J., Jr. 26372
Hensley, R., Srivastava, A. Total dose radiation hardening and testing issues of CMOS static memories 10180
Henson, G.F., Beeson, R.J., Twerdochlib, M. Advanced fiber optic monitor for generator end-turn vibration 32829
Hente, A. *see* Van Doorselaer, K. 33402
Hentea, T.I., Bressers, J., Holloway, D.A. Automatic detection of crack development in fatigue tests 14895
Henten, A. *see* Falch, M. 14007
Henton, C. Sex and speech synthesis: techniques, successes and challenges 13060
Hentschel, C. Laser safety in optical communications 30729
Hentschel, C. *see* Seliger, G. 45384
Hentschel, E., Niedermeier, K., Schafer, K. Stress on the winding insulation of three-phase machines 40093
Hentschel, E. *see* Friedrich, M. 15334
Hentschel, F. *see* Hussels, P. 8847
Hentzell, H. *see* Dell'Acqua, A. 7283
Hentzell, H. *see* Dell'Acqua, A. 46998
Hentzell, H. *see* Shao-Fang Gong 17901
Henville, C.F. Combined use of definite and inverse time overcurrent elements assists in transmission line ground relay coordination 16442
Henzler, M. *see* Horn-von Hoegen, M. 734
Henzler, M. *see* Horn-von Hoegen, M. 33648
Henzler, M. *see* Pietsch, G.J. 34756
Henzler, M. *see* Pietsch, G.J. 42667
Heon, M. *see* Lecomte, R. 15737
Heon, M. *see* Msaki, P. 31870
Heonchul Park, Prasanna, V.K. Modular VLSI architectures for real-time full-search-based vector quantization 21969
Heonchul Park, Prasanna, V.K. A fast algorithm for performing vector quantization and its VLSI implementation 41946
Heonshik Shin *see* Jinhwan Kim 37136
Hepburn, A.R., Goldie, D.M. Carbazole modified polysiloxanes: role of counter-ions in the dynamic properties of electrochemical displays 46548
Hepburn, A.R. *see* Bayley, P.A. 42435
Hepburn, A.R. *see* Browne, A.K. 27504
Hepburn, A.R. *see* Dyer, T.E. 9684
Hepburn, A.R. *see* Dyer, T.E. 34494
Hepburn, A.R. *see* Lau, S.P. 28665
Hepburn, A.R. *see* van Swaaij, R.A.C.M.M. 42437
Hepburn, M. *see* King, W.L. 24888
Heping Yan *see* Yan Heping
Hepp, A.F. *see* Jenkins, P.P. 42736
Heppelmann, S. *see* Abbott, B. 7245
Hepper, R. *see* Hoffman, J.W. 28953
Heppke, G. *see* Eichler, H.J. 20243
Hepple, M.R. *see* Pulman, S.G. 4530
Hepplewhite, C.L. *see* Calcutt, S.B. 24493
Heppner, R. *see* Hoffman, J.W. 23604
Heppner, R.A. *see* Hoffman, J.W. 23589
Heqing Yan, Chung-Chiun Liu A solid polymer electrolyte-based electrochemical carbon monoxide sensor 23755
Her, I. A symmetrical coordinate frame on the hexagonal grid for computer graphics and vision 13611
Her, S.-K. *see* Chrzanowska-Jeske, M. 18548
Her, W.-C., Jin, L.-M., El-Ziq, Y. An ATPG driver selection algorithm for interconnect test with boundary scan 248
Her-Hsiung Chang *see* Long-Wen Chang 13570
Heras, C.De las *see* De las Heras, C.
Herath, J. *see* Mahmood, A. 26873
Herath, R. *see* Robertson, I.D. 27215
Herault, L., Horaud, R. Figure-ground discrimination: a combinatorial optimization approach 4790
Herb, S. *see* Meincke, O. 7091
Herbeck, G.H. *see* Kannappan, K. 18691
Herbein, J.G. *see* Wingard, R.M. 32706
Herben, M.H.A.J. *see* Baggen, L.C.J. 4279
Herben, M.H.A.J. *see* Govaerts, H.J.F.G. 12755
Herben, M.H.A.J. *see* van Dooren, G.A.J. 21278
Herben, M.H.A.J. *see* van Dooren, G.A.J. 29187
Herben, M.H.A.J. *see* van Dooren, G.A.J. 36176
Herberholz, R. *see* Taylor, S.J. 664
Herbert, A. An ANSA overview 37506
Herbert, D.C. Breakdown voltage in ultra-thin pin diodes 2429
Herbert, D.C. *see* Hutchinson, H.J. 19402
Herbert, P.A.F., Braddell, J., MacKenzie, S., Woodham, R.G., Cleaver, J.R.A. Dry development lithography by a novel ion-beam process 28034
Herbert, P.A.F. *see* Lyons, B.N. 1391
Herbert, P.L. *see* Cronin, F.J. 22390
Herbig, P. A new acquisition technique for carrier recovery with QAM signals 12831
Herbin, H.C. Performance of nuclear and fossil-fired power plants: a worldwide perspective 39947
Herbst, C.P. *see* Pretorius, P.H. 24248
Herbst, J.F. *see* Fuerst, C.D. 2783
Herbst, L.W. *see* Zinser, K. 8154
Herbst, M.D. Metal mask stencils for ultra fine pitch printing 34401
Herbst, W. *see* Cosandey, R. 33162
Herbster, R.E. *see* Amick, P. 32753
Herchenbach, H., Koeberer, G. Grate cooler performance optimization at Eiberg Zement 33171
Herczfeld, P. *see* Saedi, R. 4326

Herczfeld, P.R. *see* Berceli, T. 27211
Herczfeld, P.R. *see* Jemison, W.D. 1633
Herczfeld, P.R. *see* Madjar, A. 1530
Herczfeld, P.R. *see* Madjar, A. 34250
Herczfeld, P.R. *see* Mullen, L. 39404
Herczfeld, P.R. *see* Romero, M.A. 3333
Herczfeld, P.R. *see* Samant, N. 4345
Herczfeld, P.R. *see* Silva, M.T.C. 3177
Herdam, G. *see* Klessmann, H. 47010
Herder, J.W.Den *see* Den Herder, J.W.
Heremans, J., Partin, D.L., Morelli, D.T., Thrush, C.M., Karczewski, G., Furdyna, J.K. Magneto-transport and magneto-optical properties of δ-doped InSb 1843
Heremans, J. *see* Partin, D.L. 41439
Heremans, P. *see* Kuijk, M. 11773
Heres, O., Dubos, H., Girard, T.A., Perrier, P., Limagne, D., Torre, J.P., Waysand, G. Response of a metastable superconducting detector to ^{55}Fe irradiation below 400 mK 24040
Heres, O. *see* Girard, T.A. 24045
Heres, O. *see* Limagne, D. 24044
Hereth, R. *see* Schliep, F. 28445
Herfet, T. *see* Bonse, T. 6224
Hergault, S. *see* Richard, C.J. 38327
Herig, C. *see* Stefanakos, E. 48289
Hering, P. *see* Motzkus, M. 12343
Heritage, J.P. *see* Delfyett, P.J. 43818
Herk, M.Van *see* Van Herk, M.
Herke, D.L. *see* Barber, G.D.M. 42251
Herkersdorf, A., Heusler, L., Maehle, E. Route discovery in multistage switch fabrics 45375
Herkert, R.M., Woody, J.A., Acree, D.W., Millard, D.P. Helicopter antenna pattern analysis using NEC-BSC 44550
Herket, J.R. Ethical risk assessment: valuing public perceptions 33297
Herko, S.P. *see* Marshall, T. 42452
Herlach, F. *see* Askenazy, S. 12534
herle, J.Van *see* Van herle, J.
Herley, C., Kovacevic, J., Ramchandran, K., Vetterli, M. Arbitrary orthogonal tilings of the time-frequency plane 13303
Herley, C., Kovacevic, J., Ramchandran, K., Vetterli, M. Tilings of the time-frequency plane: construction of arbitrary orthogonal bases and fast tiling algorithms 44969
Herley, C., Vetterli, M. Wavelets and recursive filter banks 4614
Herlufsen, H. *see* Gade, S. 46693
Herman, B. *see* Gal, G. 43491
Herman, C.R. *see* Skormin, V.A. 14556
Herman, D.A., Jr., Argyle, B.E., Lee, H.P.E., Trouilloud, P.L., Petek, B. Edge-closed lamination 11507
Herman, D.A., Jr. *see* Rath, D.L. 11491
Herman, D.A., Jr. *see* Romankiw, L.T. *(editor)* 70
Herman, G., Gerin, M. UPS for nonlinear loads 40336
Herman, I.P., Donnelly, V.M., Guinn, K.V., Cheng, C.C. Laser-induced thermal desorption as an in situ surface probe during plasma processing 42746
Herman, M.A. Semiconductor superlattices in optoelectronic devices. II. Device structures and characteristics 34568
Herman, M.A. *see* Sadowski, J. 724
Herman, M.H., Ahern, S.M., Ragle, L.O., Leung, C., Helava, H.I., Rossi, D.M., Mansfield, D., Positeri, K.M. Lifetime of BASS devices in 50-Ohm video pulser circuits 28623
Herman, P., Lawes, R.A., Waring, T. The manufacture of rim phase shifting reticles 28013
Herman, P. *see* Huq, S.E. 28040
Herman, P.R., Chen, B., Moore, J.D. Laser etching of quartz and Teflon with 157 nm and 193 nm laser radiation 19602
Herman, P.R. *see* Moore, J.D. 19584
Herman, R., Gaunt, C.T. Measurement and representation of maximum demand for individual and grouped domestic consumers including constraints 25075
Herman, W.N. *see* Kanofsky, A.S. 11631
Hermand, J.-P., Roderick, W.I. Acoustic model-based matched filter processing for fading time-dispersive ocean channels: theory and experiment 44881
Hermann, A., Hertlein, G., Lenzer, J., Lingen, A., Rothkegel, W., Sulzbacher, N. PHAMOS - Philips Advanced Management and Operations System - functionality and architecture 37314
Hermann, D.J., Ahalt, S.C., Mitchell, R.A. Clustering and compression of high-dimensional sensor data 5087
Hermann, F. *see* Robert, M. 6397
Hermann, J.A., Staromlynska, J. Trends in optical switches, limiters and discriminators 12394
Hermann, O.E. *see* van Geest, D.C.L. 35059
Hermann, S. *see* Eichler, H.J. 3748
Hermanowicz, E., Rojewski, M. Design of FIR first order digital differentiators of variable fractional sample delay using maximally flat error criterion 27057
Hermans, J. *see* Taudt, W. 33609
Hermans, L. *see* Dierickx, B. 24001
Hermansen, K. *see* Koch, P. 26978
Hermansen, K. *see* Rands Jensen, P.M. 13158
Hermanson, H.A., Lorenze, R.V. Testing unpackaged thermal ink jet printing devices 38380
Hermansson, L. *see* Bergmark, T. 31594
Herment, A., Demoment, G., Dumee, P., Guglielmi, J.-P., Delouche, A. A new adaptive mean frequency estimator: application to constant variance color flow mapping 24258
Hermes, D.J. *see* Spaai, G.W.G. 4519
Hermes, L.G., Witt, A., Smith, S.D., Klingle-Wilson, D., Morris, D., Stumpf, G.J., Eilts, M.D. The gust-front detection and wind-shift algorithms for the Terminal Doppler Weather Radar System 39379
Hermes, T., Hilbk, U., Meissner, P., Saniter, J., Westphal, F.-J. New transmissive and reflective star networks allowing easy optical interconnection 14632
Hermes, T., Hilbk, U., Meissner, P., Saniter, J., Westphal, F.-J. Active and redundant interconnection of independent optical networks based on modified star couplers 38106
Hermes, T. *see* Schnabel, R. 38076
Hermes, Th. *see* Schnabel, R. 38128
Hermida, M. *see* Rodellar, V. 13091
Hermida, M. *see* Rodellar, V. 18597
Hermida, M. *see* Rodellar, V. 29533
Hermida San Martin, F.A., Malner, R. The telecommunications network on the high-speed Madrid-Seville line 5348
Herminghaus, H. From MAMI to the Polytrons—microtrons in the 10 GeV range 6918
Herminghaus, H. *see* Euteneuer, H. 15286
Herminghaus, H. *see* Lehr, H. 15324
Herminghaus, S., Aust, E., Knoll, W., Takahashi, Y., Fukada, E. Electrooptic polyurea waveguides by in-situ polymerization from the vapor phase 43463
Herminghaus, S. *see* Bechinger, C. 34677
Hermkens, U. *see* Thomas, H.G. 7155
Hermle, F., Ribbecke, H.D. The CUSUM control card in quality supervision 40985
Herms, A. *see* Marco, S. 6403
Hermsdorf, R. Development of electric measurement technology 23768
Hermsen, W. *see* Schonfelder, V. 7146
Hernandez, A. *see* Gomez, L. 2679
Hernandez, A. *see* Gomez, L. 20022
Hernandez, A. *see* Molla, J. 15166
Hernandez, C. *see* Fernandez, M. 18477
Hernandez, C. *see* Frenandez, M. 33872
Hernandez, C.L. *see* Hosking, F.M. 34412
Hernandez, D.B., Spigler, R. Convergence and stability of implicit Runge-Kutta methods for systems with multiplicative noise 33551
Hernandez, E. Parallel architecture in computers 26996
Hernandez, G., Clark, K.C. Electro-optic high-resolution Fabry-Perot spectrometer 43539
Hernandez, J. *see* Raja, P. 14246
Hernandez, J. *see* Raja, P. 30473
Hernandez, J.E. *see* Clark, G.A. 22294
Hernandez, J.L. *see* Ross, W.A. 23425
Hernandez, L. *see* Garcia, C. 13144
Hernandez, L. *see* Sanjuan, T. 45804
Hernandez, M.E., Villalobos, J.R., Johnson, W.C. Sequential computer algorithms for printed circuit board inspection 274
Hernandez, O. *see* Lee, R. 18604
Hernandez, R. *see* Aranda, J. 36704
Hernandez, S.E. *see* Griffin, A.J., Jr. 42752
Hernandez, S.E. *see* Griffin, A.J., Jr. 42769
Hernandez, V. *see* Hueso, J.L. 41157
Hernandez, V. *see* Nelson, P. 39797
Hernandez-Calderon, I. *see* Melendez-Lira, M. 41269
Hernandez-Figueroa, H.E., Di Pasquale, F., Ettinger, R.D., Fernandez, F.A., Davies, J.B. Controlled spatial bright soliton emission from a nonlinear waveguide 36030
Hernandez-Figueroa, H.E., Pagiatakis, G. Shape function optimization in the finite element analysis of waveguides 21321
Hernandez-Figueroa, H.E. *see* Di Pasquale, F. 35964
Hernandez-Gil, F. *see* Alferness, R.C. 45985
Hernandez-Gil, F. *see* Anton Molina, O. 38493
Hernandez-Gil, F. *see* Ferreras, A. 35449
Hernandez-Gil, F. *see* Mustieles, F.J. 3128
Hernandez-Gomez, L.A. *see* Ortega-Garcia, J. 13139
Hernandez-Munoz, J.M., Gonzalez, J. Monolithic GaAs transimpedance amplifier with voltage tunable bandwidth and gain control 26728
Hernandez-Rojas, J.L., Lucia, M.L., Martil, I., Gonzalez-Diaz, G., Santamaria, J., Sanchez-Quesada, F. Stoichiometry control over a wide composition range of sputtered $CuGa_xIn_{(1-x)}Se_2$ 33723
Hernandez-Tejera, M. *see* Lorenzo-Navarro, J. 36928
Hernando, A. *see* Sanchez, A. 2917
Hernando, B. *see* Primdahl, F. 46404
Hernando, J.L., Rueda, J. Interactive system for HDTV compressed signals over a point to multipoint network 38282
Hernando Rabanos, J.M. *see* Perez Fontan, F. 14384
Herndon, M., Perttunen, C., Stuckman, B. Global optimization of a random walk function 562
Herne-Smith, R.S. *see* Yeung, H.C. 46690
Herner, B. *see* Selmi, F. 18306
Hernes, M., Ljokelsoy, K., Andresen, T., Undeland, T.M. A high performance inverter for induction motor drive of a hybrid vehicle 48313
Hernes, M. *see* Mo, O. 17469
Hernes, M. *see* Nysveen, A. 8487
Hernichel, J. *see* Febvre, P. 6168
Hero, A.O., III *see* Petrick, N. 15636
Herodotou, N., Chisholm, W.A., Janischewskyj, W. Distribution of lightning peak stroke currents in Ontario using an LLP system 25021
Heroin, G. *see* Grignon, P. 24910
Heron, P.L., Monahan, G.P., Byrd, J.E., Steer, M.B., Schwering, F.W., Mink, J.W. Circuit level modeling of quasioptical power combining open cavities 1424
Heron, P.L., Monahan, G.P., Mink, J.W., Schwering, F.K., Steer, M.B. Impedance matrix of an antenna array in a quasi-optical resonator 36436
Heron, R. *see* Spracklen, C.T. 5856
Heron, R. *see* Spracklen, C.T. 22924
Heros, C.P.de los *see* de los Heros, C.P.
Herouard *see* Bellon 39998
Herr, R. *see* Euteneuer, H. 15286
Herr, R.P. *see* Schmitt, K. 43490
Herr, W. *see* Cornelis, K. 6904
Herrema, J.K. *see* Malliaras, G.G. 28611
Herrema, J.K. *see* Malliaras, G.G. 43652
Herren, L.T., Rasti, M. Knowledge-based decision support for ATE acquisition 23453
Herrera, A., Artal, E., Puechberty, E., Masliah, D. High efficiency, highly compact L-band power amplifier for DECT application 19145
Herrera, F.A. *see* Sandoval, J.D. 5454
Herrera, S.C. *see* Narayan, P.B. 11489
Herrera, S.G., Tvarozek, M. Compression of images with different formats using JPEG standard 30122
Herrera, T.S. *see* Follett, R.E. 39700
Herrera-Alfonsin, R.J. *see* Alvarez-Gallegos, J. 25430
Herrera-Bendezu, L.G., Denys, B.G., Reddy, P.S. Alignment method to eliminate power line interference effect on signal averaging 39053
Herrera-Gomez, A., Spicer, W.E. Physics of high intensity nanosecond electron source 23990
Herrera-Gomez, A. *see* Meissner, P.L. 1939
Herrera-Gomez, A. *see* Spicer, W.E. 19280
Herrera-Perez, J.L. *see* Morosini, M.B.Z. 12204
Herrera-Perez, J.L. *see* Patel, N.B. 20869
Herrero, F. *see* Ocana, J.L. 21138
Herreros, A.M.P. *see* Luna, J.C.S. 12994
Herreros, A.P. *see* Verdejo, J.E.D. 12988
Herreweghen, E.Van *see* Van Herreweghen, E.
Herrick, R.C. *see* Wai-Fan Wong 6352
Herrick, R.W., Fraser, R.D., Eden, J.G. Fragmentation and emission of POPOP and coumarin dye vapor in an ultraviolet-preionized, transverse discharge 35694
Herrick, R.W. *see* No, K.H. 20569
Herring, C. *see* Johnson, N.M. 42387
Herring, C. *see* Roos, G. 2178
Herring, C. *see* Roos, G. 10660
Herring, J.L., Christopoulos, C. The application of different meshing techniques to EMC problems 44460
Herring, J.L. *see* Duffy, A.P. 44405
Herring, M., Chrien, T., Duval, V., Krabach, T. Imaging spectrometry—concepts and system trade-offs 23712
Herring, M. *see* Krabach, T.N. 23630
Herring, R.D. *see* Chin, J.P. 5416
Herrlander, C.J. *see* Abrahamsson, K. 15584
Herrlander, C.J. *see* Bagge, L. 15311
Herrlin, K., Svahn, G., Olsson, C., Pettersson, H., Tillman, C., Persson, A., Wahlstrom, C.G., Svanberg, S. Generation of X-rays for medical imaging by high-power lasers: preliminary results 7348
Herrmann, C. Analysis of the discrete-time SMP/D/1/s finite buffer queue with applications in ATM 5200
Herrmann, H. *see* Hill, G.R. 6051
Herrmann, J. Theory of Kerr-lens mode locking: role of self-focusing and radially varying gain 44112
Herrmann, J., Beckmann, R. LEFT—a system that learns rules about VLSI design from structural descriptions 35044
Herrmann, J.M. *see* Dorsch, R.G. 44174
Herrmann, J.M. *see* Hausler, G. 6590
Herrmann, O. *see* Brombacher, A. 447
Herrmann, O. *see* Van Geest, E. 2618
Herrmann, O.E. *see* Berkhoff, A.P. 21874
Herrmann, W. *see* Wilke, I. 35444
Herrmann, W.C., Morton, D.E. Thin-film optical coating filter stability under different environmental conditions 3296
Herrmannsfeldt, W.B. *see* Ko, K. 46702
Herro, M.A. *see* Deng, R.H. 12859
Herron, J., Ruiz, B. Netware 4.0: the work behind the network 22612
Herron, L.H. *see* Shi, J. 24765
Herron, L.H. *see* Shi, J. 32258
Herron, N. *see* Fagan, P.J. 9804
Herrtwich, R.G., Delgrossi, L. Beyond ST-II: fulfilling the requirements of multimedia communication 13962
Herrtwich, R.G. *see* Wolf, L.C. 45327
Herrup, D. *see* Amidei, D. 46890

Herschitz, R. *see* Bogorad, A. 39304
Herscovici, N. A simple $cosec^2$-microstrip array: the shovel-microstrip array 4324
Herscovici, N.I., Pozar, D.M. Analysis and design of multilayer printed antennas: a modular approach 29293
Hersee, S. *see* Chin, A. 41382
Hersee, S. *see* Sze, T. 20830
Hersee, S. *see* Zhou, P. 3392
Hersee, S.D. *see* Paxton, A.H. 28917
Hersee, S.D. *see* Yu-Chue Fong 41279
Hersen, B., Lalo, A., Laneuville, D., Mariton, M. Image based target tracking: fusion architecture and sensor management 5078
Hersey, M.W. *see* Harris, A. 8056
Hershcovitch, A. *see* Kponou, A. 46821
Hershey, J.E., Hassan, A.A., Sohie, G.R. Strategic route planning and sensor fusion 21786
Hershey, J.E. *see* Abdel-Malek, A.A. 30135
Hershey, R.R., Weller, M.B. Nonlinearity in scanning electron microscope critical dimension measurements introduced by the edge detection algorithm 23876
Hershfinkel, D., Dinstein, I. A new approach to parallel clustering and its application to image segmentation 36798
Hershkowitz, E.E. *see* Briggs, P.R., Jr. 5708
Hershkowitz, N. How does the potential get from A to B in a plasma? 42732
Hershkowitz, N. *see* Diebold, D.A. 32085
Hershkowitz, N. *see* Maynard, H.L. 34652
Hersman, F.W. Installation of a polarized ^{3}He target in CLAS 31646
Hertel, D., Topfer, K., Bottcher, H. Image quality investigations by means of photodetector arrays 38724
Hertel, G., Drexler, H., Hansen, W., Schmeller, A., Kotthaus, J.P., Holland, M., Beaumont, S.P. Widely tuneable quantum wire arrays in MISFET-type heterojunctions with a stacked gate 42520
Hertel, P. *see* Erdmann, A. 3090
Hertel, P. *see* Ould Salem, S. 35429
Hertel, P. *see* Shamonin, M. 11668
Hertel, R.J. *see* Acharya, M. 31305
Hertlein, G. *see* Hermann, A. 37314
Hertling, D. *see* Laursen, K. 6738
Hertwig, M., Flemming, T., Usinger, R. Speckle interferometry for detection of subsurface damage in fibre-reinforced composites 26542
Hertz, D. *see* Ziskand, I. 21728
Hertz, D. *see* Ziskind, I. 4627
Hertz, J., Fornasieri, C., Hilger, J.P., Notin, M. New aspects of the solid phase equilibria in the ternary Pb-Sn-Ca system for $x_{Ca} \leqslant 25$ at.% 17223
Hertz, N. *see* Van Laar, J.A. 8216
Hertz, W. *see* Link, M. 25156
Hertzog, D. *see* Sarwar, S. 31698
Herve, A. *see* Bencze, G.L. 38858
Herve, D., Paillet, P., Leray, J.L. Thermal annealing of radiation-induced trapped charge in SIMOX and thermal oxide thin films 19450
Herve, D. *see* Legras, R. 43876
Herve, P. *see* Balu, N. 15199
Herve, P. *see* Kleinpenning, T. 19886
Hervigo, R. *see* Kowalczuk, J. 22681
Herwerth, T.R. New exciters for new TV transmitters 38230
Herwhe, W. Contactors for switching resistive loads 48005
Herzberg, A., Luby, M. Public randomness in cryptography 12936
Herzberg, A. *see* Blundo, C. 21539
Herzberg, M., Bye, S.J. Bandwidth management in reconfigurable networks 22443
Herzberger, A., Kupfer, T., Robledo, M., Roll, G., Urbansky, R. PHASE - a comprehensive system for synchronous networks 37250
Herzel, F., Henneberger, K., Vogel, W. The semiconductor laser linewidth: a Green's function approach 43847
Herzig, H.P., Ehbets, P., Dandliker, R. Potential of holographically recorded fan-out elements 12484
Herzig, H.P. *see* Ehbets, P. 12425
Herzig, H.P. *see* Prongue, D. 44165
Herzig, H.P. *see* Weible, K.J. 12474
Herzig, W. *see* Plattner, A. 4113
Herziger, G. *see* Schulz, W. 17628
Herzinger, C.M., Lu, C.-C., DeTemple, T.A., Chew, W.C. The semiconductor waveguide facet reflectivity problem 35815
Herzinger, C.M. *see* Caracci, S.J. 3399
Herzog, H.-J. *see* Splett, A. 38521
Herzog, M. *see* Listmann, R. 25233
Herzog, W., Stano, A., Leonard, T.R. Telemetry system to record force and EMG from cat ankle extensor and tibialis anterior muscles 7325
Hese, J.Van *see* Van Hese, J.
Hesketh, J.A. *see* Haller, B.R. 47758
Hess, C. *see* Jansen, M. 20847
Hess, C.A. *see* Bowler, D.P. 20937
Hess, G. *see* Gunther, O. 32119
Hess, G.T. *see* Sanders, T.J. 375
Hess, J. Inductance and air gap in ferrite design 2847
Hess, J. Measurement and calculation techniques for power losses of ferrites from kHz to MHz range 26684
Hess, K., Holonyak, N., Jr., Richard, T.A. Photosensitive Coulomb blockade in semiconductor *p-n* tunnel diodes 2419
Hess, K. *see* Averin, D.V. 19710
Hess, K. *see* Grupen, M. 20893
Hess, P. *see* Schneider, D. 9855
Hess, R. *see* Cleve, B. 27491
Hess, W., Walter, R. A new K-band frequency divider by three using an injection locked oscillator in microstrip technique 27212
Hess, W. *see* Mobius, B. 4503
Hess, W. *see* Schmidt, J.W. 18072
Hess, W.J. Speech synthesis—a solved problem? 13093
Hessane, M. *see* Quere, R. 34282
Hesse, D. *see* Tonshoff, H.K. 18305
Hesse, E., Naehring, F.K., Teichert, J. A lithium liquid metal ion source with a narrow angle emission for writing beam lithography 28007
Hesse, E. *see* Bischoff, L. 27655
Hesse, H. *see* Berg, T. 31489
Hesse, M. *see* Fioni, G. 7286
Hesse, S.R. *see* Novak, L.M. 23125
Hesse, W. *see* Rees, W.S., Jr. 41385
Hessel, H.E. *see* Donig, F. 27727
Hesselbarth, J. *see* Dodd, A.C. 7229
Hesselbom, H. *see* Shao-Fang Gong 17901
Hesselink, L., Bashaw, M.C. Optical memories implemented with photorefractive media 11562
Hesselink, L. *see* Aharoni, A. 35308
Hesselink, L. *see* Bashaw, M.C. 11578
Hesselink, L. *see* Uhrich, C. 36067
Hesselink, W.H.A. *see* Blok, H.P. 38935
Hesselink, W.H.A. *see* Zondervan, A. 46867
Hessen-Schmidt, B. Multipath fading emulation for wireless communications 30618
Hessen-Schmidt, B. Test set speeds NPR measurements 31133
Hessenbruch, J. *see* Guilfoyle, P.S. 3257
Hessenbruch, J. *see* Guilfoyle, P.S. 3259
Hessenbruch, J. *see* Guilfoyle, P.S. 20459
Hessenbruch, J. *see* Stone, R.V. 11787
Hessler, C. *see* Verdun, F.R. 24176
Hessman, D. *see* Seifert, W. 33641
Hester, C.F. *see* Vijaya Kumar, B.V.K. 30104
Hester, P.D. *see* White, S.W. 10196
Hester, R.B. *see* Todd, J.R. 39222
Hesto, P. *see* Dollfus, P. 2574
Hesto, P. *see* Dollfus, P. 2575
Hesto, P. *see* Galdin, S. 42876
Heston, D. *see* Yarborough, R. 1613
Heszler, P., Carlsson, J.O., Mogyorosi, P. Reaction pathways for ArF excimer laser assisted tungsten chemical vapor deposition from a WF_6-H_2 gas mixture 9718
Hetherington, A.V. *see* Skinner, D.K. 18329
Hethuin, S. *see* Roosen, F. 37791
Hettak, K., Le Gouguec, T., Coupez, J.PH., Toutain, S., Meyer, S., Penard, E. Very compact low pass and bandpass filters using uniplanar structures 27144
Hettak, K. *see* Cousseran, M.L. 27152
Hettmansperger, R.H. *see* Miller, P.M. 10143
Hetu, R. *see* Laroche, C. 16091
Hetzel, P. Generation of standard frequencies from the FBAS signal of the German Television Centre (ZDF) 46166
Hetzler, K.T. *see* Platzker, A. 1637
Heuberger, A. Lithograph production techniques for next generations of microelectronics 7278
Heuberger, W. *see* Bona, G.-L. 28863
Heudin, J.C. *see* Poirier, F. 34119
Heueck, R. *see* Welfonder, E. 47407
Heuer, D. *see* Benchekroun, D. 7218
Heuer, R. *see* Smith, H.V., Jr. 38827
Heuer, R.D. *see* Capeans, M. 24060
Heuermann, H., Schiek, B. Calibration of network analyser measurements with leakage errors 31090
Heuermann, H., Schiek, B. The in-fixture calibration procedure line-network-network-LNN 31403
Heuken, M., Sollner, J., Geyzers, K.P., Schneider, A., Guimaraes, F.E.G. MOVPE growth and characterization of ZnS_xSe_{1-x}/ZnSe quantum wells 33608
Heuken, M. *see* Schneider, A. 18217
Heuken, M. *see* Taudt, W. 33609
Heumann, E. *see* Brede, R. 12039
Heumann, E. *see* Danger, T. 3539
Heumann, E. *see* Sandrock, T. 35713
Heumann, K., Quenum, M. Second breakdown and latch-up behavior of IGBTs 2478
Heumann, K. *see* Dafopulos, V. 40467
Heumann, K. *see* Dehmlow, M. 1066
Heumann, K. *see* Dehmlow, M. 17095
Heumier, T.A., Carlsten, J.L. Detecting mode hopping in semiconductor lasers by monitoring intensity noise 43823
Heung Ki Baik, Jee Won Hwang, Bong Man Ahn RPEM algorithm for adaptive bilinear filter 4682
Heung Ok Park *see* Doh Hoon Kim 2377
Heung Rak Kim *see* Moon Shick Chung 1579
Heung Sik Kim, Jin Soo Kim, Tae Gak Kim, Min Sung Choi A study of establishment of parameter and modeling for yield estimation 2646
Heung Youl Youm, Jae Moon Kim, Man Young Rhee New decoding techniques of RS codes for optical disks 4451
Heung-Kyu Lee *see* In Yong Park 45334
Heung-Sik Tae, Seok-Hee Hwang, Sang-June Park, Euijoon Yoon, Ki-Woong Whang Low-temperature silicon homoepitaxy by ultrahigh vacuum electron cyclotron resonance chemical vapor deposition 33622
Heunis, A. Rates of convergence for an adaptive filtering algorithm driven by stationary dependent data 29740
Heuring, J.J. *see* Lee, W.D. 3652
Heuring, V.P., Morozov, V.N. Synchronizing and controlling fast digital optical processors 20482
Heuring, V.P. *see* Main, P.T. 28558
Heuring, V.P. *see* Main, T. 43585
Heuser, F.Wilhelm *see* Wilhelm Heuser, F.
Heuser, J. *see* Campbell, M. 46972
Heuser, S. *see* Griebenow, R. 32716
Heuser, S. *see* Wellhausen, W. 5630
Heusinger, M.A. *see* Gousev, Yu.P. 43355
Heusinger, P., Rongl, K., Stock, G. Introduction to circuit design with field programmable gate arrays (FPGAs). I 41767
Heusler, L. *see* Herkersdorf, A. 45375
Heusman, R.L., Popeck, R.A. Turbine supervisory instrumentation detector upgrade 32527
Heusser, G. Cosmic ray-induced background in Ge-spectrometry 15647
Heusser, G. Optimal shielding conditions for low level Ge detectors 46835
Heuszel, C.B., Cohee, G.A. Oxygen measurement—the critical component of low excess air firing 8173
Heut, F. *see* Chelles, S. 35487
Heute, U. *see* Gluth, R. 13103
Heuvel, A.P.van den *see* van den Heuvel, A.P.
Heuvel, F.C.van den *see* van den Heuvel, F.C.
Heuvel, F.van den *see* van den Heuvel, F.
Heuvel, J.C.van den *see* van den Heuvel, J.C.
Heuveln, F.H.van *see* van Heuveln, F.H.
Hevia, F. *see* Regano, M. 47639
Hewa-Gamage, G., Chu, P.L. Single band and multi-band optical waveguide wavelength filters 35549
Hewak, D.W. *see* Deol, R.S. 2931
Hewerdine, S. If it creaks, it may break [acoustic emission testing] 17784
Hewes, K. *see* Bonifield, T. 34658
Hewett, C.A., Zeidler, J.R. Ohmic contacts to epitaxial and natural diamond 19432
Hewett, C.A. *see* Zeidler, J.R. 19458
Hewett, D. *see* Eylon, S. 31558
Hewett, D.W. *see* Celata, C.M. 31562
Hewett, D.W. *see* Lauer, E.J. 23987
Hewett, D.W. *see* Yu, S.S. 15339
Hewett, N.H. Electricity generation, energy efficiency and the environment 8038
Hewett, N.H., Hufton, P.F. Electricity generation, energy efficiency and the environment 39933
Hewit, J. *see* Girach, K. 14570
Hewitt, A. *see* Hosking, M.W. 27292
Hewitt, L.C. Interactive multimedia in a distance education milieu 33266
Hewitt, M.T. Surface feature data for propagation modelling 36211
Hewitt, P. *see* Veerasamy, V.S. 27455
Hewitt, S.B. *see* Sing-Pin Tay 1913
Hewitt, T.D. *see* Zhang, X.-C. 44182
Hewlett, S.J., Ladouceur, F., Love, J.D. Splice loss in single- and twin-core buried channel waveguide devices 35334
Hewlett, S.J., Love, J.D., Meltz, G., Morey, W.W. Ghost reflections in the presence of blazed fibre Bragg gratings 35357
Hewlett, S.J., Love, J.D., Tjugiarto, T. Polarisation-dependent coupling in twin-core fibres with arbitrary elliptical cores 35338
Hewlett, S.J. *see* Geers, D.G. 35402
Hewson, T. *see* Clarke, A.M. 37568
Hexu, S., Xiaojie, Z., Yan, C., Zongfu, L. A novel cycloconverter based on microprocessor digital control 8571
Hey, H.L. *see* De Azevedo, H.R. 17004
Hey, R. *see* Daweritz, L. 41351
Hey, R. *see* Krispin, P. 10706
Hey, R. *see* Ramsteiner, M. 41348
Hey-Shipton, G.L. Microwave applications of high temperature superconductivity 27311
Hey-Shipton, G.L. *see* Mattaei, G.L. 1481
Hey-Shipton, G.L. *see* Matthaei, G.L. 1480
Heyd, A.R. *see* Collins, R.W. 2166
Heydari, H. *see* Gundel, H. 7081
Heyde, C.Van der *see* Van der Heyde, C.
Heydemann, M.C., Meyer, J.C., Sotteau, D., Opatrny, J. Forwarding indices of consistent routings and their complexity 33490
Heydenreich, J. *see* Breitenstein, O. 34590
Heydon, R.G., Rungis, J., Sheehy, R. The use of sintered metal filters in the study of ECT in transformer oils 43189
Heydrich, M., Schleicher, M. New ISDX operator console Supervisor 180 37675
Heydt, G. *see* Khoe, G. 6054
Heydt, G.T. *see* Kish, D.J. 24928
Heyer, D.W. *see* DeMarco, J.A. 8107
Heyer, J. Flashman: EL technologies and their advantages 31349
Heyes, G. *see* Votava, M. 46324
Heyes, W.G. *see* Bee, C.P. 38899
Heygele, L.H. *see* Rutten, J.M.F. 24878
Heyman, D. *see* Coan, B.A. 37336

Heyman, D.P. *see* Cohen, D.M. 37615
Heyman, E. Wavepacket solutions of the time-dependent wave equation in homogeneous and in homogeneous media 44312
Heyman, E.V.V., James, R.R., Graeber, R.R. Microcircuits for the HP 83750 series sweepers 19108
Heyman, O. *see* Asplund, G. 47494
Heyman, O. *see* Gleadow, J.C. 47470
Heymann, G. *see* Ludwig, M.H. 1926
Heymann, R. *see* Arweiler, H.W. 30539
Heyn, C., Harsdorff, M. Flux control and calibration of an As effusion cell in a molecular beam epitaxy system for GaAs and AlGaAs with a quadrupole mass spectrometer 9628
Heyn, H., Decker, I., Wohlfahrt, H., Scharfe, W.D. Space- and time-resolved laser beam diagnostics of high-power-CO_2-lasers during material processing 3753
Heyneke, J. Selection of data cables 45959
Heyns, M. *see* Werkhoven, C. 34736
Heyns, M.M., Schwerin, A.v. Charge trapping, degradation and wearout of thin dielectric layers during electrical stressing 2550
Heyns, M.M., Verhaverbeke, S., Meuris, M., Mertens, P.W., Schmidt, H., Kubota, M., Philipossian, A., Dillenbeck, K., Graf, D., Schnegg, A., de Blank, R. New wet cleaning strategies for obtaining highly reliable thin oxides 34701
Heyns, M.M. *see* Verhaverbeke, S. 34717
Heyob, J.J. *see* Garrett, P.H. 33605
Heyu Wu *see* Wu Heyu
Heyuan Zhu *see* Zhu Heyuan
Heyun Lin *see* Lin Heyun
Heywood, P. *see* Gronert, E. 22611
Hiap Liew Ong Frame sequential color thin film transistor/liquid crystal displays: display characteristics and grayscale consideration 3204
Hiasat, A.A. A novel design for a multipurpose residue-to-mixed-radix decoder 10234
Hibbitt, H.D. Nonlinear solid mechanics from the commercial software viewpoint 9489
Hibbs, A., Jacobs, E.W., Bekkedahl, J., Bulsara, A., Moss, F. Stochastic resonance in a bistable SQUID loop 20209
Hibino, H., Ogino, T. Trace of interface reconstruction in Ge solid-phase epitaxy on Si(111) 41339
Hibino, H., Shimizu, N., Shinoda, Y. Mesh pattern of Ge islands grown using solid phase epitaxy 725
Hibino, H., Shimizu, N., Sumitomo, K., Shinoda, Y., Nishioka, T., Ogino, T. Pb preadsorption facilitates island formation during Ge growth on Si(111) 26427
Hibino, S. *see* Mochizuki, M. 32850
Hibino, T. *see* Iwahara, H. 17261
Hibino, Y., Okazaki, H., Hida, Y., Ohmori, Y. Propagation loss characteristics of long silica-based optical waveguides on 5 inch Si wafers 3113
Hibino, Y. *see* Albert, J. 44098
Hibino, Y. *see* Ishii, M. 3129
Hibino, Y. *see* Oda, K. 30722
Hibino, Y. *see* Oda, K. 30856
Hibino, Y. *see* Okamoto, K. 22994
Hibiya, T. *see* Kawabata, S. 45902
Hibst, H. *see* Fischer, G. 11454
Hickel, S.D. *see* Yamamura, T. 25356
Hickel, W. *see* Aust, E. 43495
Hickenell, T.S. *see* Hickernell, F.S. 11356
Hickernell, F.S., Hickenell, T.S. The etched surface of sputtered zinc oxide and its relationship to fractal growth and surface wave properties 11356
Hickernell, F.S. *see* Kim, Y. 11429
Hickernell, R.K. *see* Christensen, D.H. 20831
Hickey, K. *see* Khan, R.H. 23181
Hickey, M. *see* Barry, C. 30392
Hickey, M.J. *see* Kazovsky, L.G. 5485
Hickling, E.M. *see* Boettcher, D.B. 8051
Hickman, I. Versatile twin amplifier has many uses 18497
Hickman, I. Add on a spectrum analyser 23476
Hickman, I. Ready to use RF amplifiers 33909
Hickman, I. Tuning in IF stages 37695
Hickman, I. Charting RF performance 41547
Hickman, I. Differentiating op-amps 41698
Hickman, L. *see* Garcia, G. 3909
Hicks, L.D., Dresselhaus, M.S. The effect of quantum well structures on the thermoelectric figure of merit 19386
Hicks, P.J. *see* Payne, P.A. 47299
Hicks, R. *see* Blok, H.P. 38935
Hicks, S. *see* Rahman, M. 19618
Hicks, T. *see* Barreh, J. 41919
Hickson, M.T. *see* Gardner, P. 19058
Hida, Y. *see* Hibino, Y. 3113
Hida, Y. *see* Imamura, S. 28477
Hidaka, H. *see* Arimoto, K. 18715
Hidaka, H. *see* Tsukude, M. 1229
Hidaka, H. *see* Tsukude, M. 18728
Hidaka, I., Miyazaki, Y., Moritake, K. Low-power 8-bit 125 MHz A/D converter AN8102 34125
Hidaka, K. *see* Bouziane, A. 46342
Hidaka, K. *see* Takahashi, T. 38635
Hidaka, M. *see* Seya, E. 31426
Hidaka, O. *see* Niitsu, Y. 34935
Hidaka, S. *see* Ishikawa, Y. 42173
Hidaka, T. Sound-field simulator for room acoustic design and assessment introduction of wave theoretical treatment to synthesized sound 14841
Hidaka, Y. *see* Hasegawa, M. 35510
Hidalgo, S. *see* Godignon, P. 2466
Hidber, H.-R. *see* Dammer, U. 28348
Hiddleston, H.R. *see* Feiock, F.D. 28903
Hiddleston, H.R. *see* White, F.H. 28904
Hiddleston, J.W. *see* Foster, B. 31714
Hideki Ando *see* Tatsuo Torii 46883
Hie Tan Soon *see* Soon Hie Tan
Hieda, I. *see* Kodama, H. 39015
Hieda, M. *see* Miyazaki, K. 46401
Hiei, F. *see* Ozawa, M. 42548
Hien, N. *see* Lehman, R. 5383
Hien, S. *see* Heidemann, A. 8969
Hienerwadel, K. *see* Gratsch, B. 37634
Hierholzer, M. IGBT halfbridge module with galvanically isolated digital interface 26683
Hierholzer, M., Schneider, T. IGBT modules with integrated voltage-isolated interfaces 26696
Hierle, R. *see* White, J.O. 21044
Hieronymi, F., Bottcher, E.H., Droge, E., Kuhl, D., Bimberg, D. High-performance large-area InGaAs metal-semiconductor-metal photodetectors 20567
Hiesinger, P. *see* Fernandez de Avila, S. 34668
Hietala, V.M. *see* Carson, R.F. 3387
Hietala, V.M. *see* Martens, J.S. 6757
Hietala, V.M. *see* Martens, J.S. 28414
Hietala, V.M. *see* Martens, J.S. 41855
Hietanen, I. *see* Huhtinen, M. 7183
Hietanen, J., Mattila, P., Stor-Pellinen, J., Tsuzuki, F., Vantaja, H., Sasaki, K., Luukkala, M. Factors affecting the sensitivity of electrostatic ultrasonic transducers 16068
Hietanen, J., Stor-Pellinen, J., Luukkala, M., Mattila, P., Tsuzuki, F., Sasaki, K. A Helmholtz resonator model for an electrostatic ultrasonic air transducer with a V-grooved backplate 24533
Hiew, S. *see* Gadepally, K. 34802
Hifdi, N. *see* Churoux, P. 11752
Higa, K.T. *see* Lee, K.E. 41387
Higaki, K. *see* Nakahata, H. 28345
Higaki, N., Yukawa, H., Matsuzaki, T., Matsuki, T., Ochi, T., Fujimura, K., Koga, K., Hirayama, K. High-performance low-power 16-bit microcontroller MN10200 series 34086
Higami, Y., Kajihara, S., Kinoshita, K. Test sequence generation for sequential circuits with distinguishing sequences 18616
Higasa, H., Ishikawa, F., Shibayama, M., Ono, T., Yokoyama, S., Nakamura, S., Yamada, T., Yoshida, Y. A feasibility study of an 8 MWh flywheel type power storage system using oxide superconductors 25851
Higasa, H. *see* Matsumura, S. 17561
Higashi, A., Matsumoto, T. Combined adaptive RAKE diversity (ARD) and coding for DPSK DS/CDMA mobile radio 5769
Higashi, A., Matsumoto, T., Kavehrad, M. Effect of noise-only-paths on the performance improvement of post-demodulation selection diversity in DS/SS mobile radio 37824
Higashi, G.S. *see* Boone, T. 34708
Higashi, G.S. *see* Eisenberg, J.H. 34754
Higashi, G.S. *see* Jacobson, D.C. 34750
Higashi, G.S. *see* Mau-Tsu Tang 27600
Higashi, G.S. *see* Raghavachari, K. 34715
Higashi, G.S. *see* Tang, M.-T. 33774
Higashi, G.S., Irene, E.A., Ohmi, T. *(editors)* Surface Chemical Cleaning and Passivation for Semiconductor Processing Symposium 33190
Higashi, H. *see* Tokuilin, H. 35596
Higashi, K., Kitayama, Y., Yagi, Y., Shimazaki, S., Kaboshita, A., Sacki, K., Tsukamoto, K. IC mounting technology: flip chip mounting technology using solder junction method 27387
Higashi, K., Yamamoto, H. Square helical antenna at L-band 21424
Higashi, M. *see* Hagiwara, H. 38186
Higashi, T., Ogita, S., Soda, H., Kobayashi, H., Kurakake, H., Aoki, O., Okazaki, N. Optimum asymmetric mirror facet structure for high-efficiency semiconductor lasers 12183
Higashi, T. *see* Ogita, S. 28859
Higashi, Y. *see* Fukunaga, C. 46852
Higashi, Y. *see* Saitoh, Y. 7254
Higashi, Y. *see* Saitoh, Y. 46854
Higashiki, T., Tojo, T., Tabata, M., Nishizaka, T., Yoshino, H., Saito, S. The estimation and improvement of TTL alignment error budgets for an excimer laser aligner 42802
Higashiki, T. *see* Kuwabara, S. 11024
Higashimori, Y. Rapid salt contamination of the insulator surface by typhoons 7979
Higashimura, M. Current-mode lowpass, bandpass and highpass filters using an FTFN 1318
Higashimura, M. Current-mode highpass, bandpass and lowpass filters using the operational amplifier pole 18861
Higashino, S. *see* Ando, D. 29891
Higashino, T., Okano, K., Imajo, H., Taniguchi, K. Deriving protocol specifications from service specifications in extended FSM models 45352
Higashio, M. *see* Ohta, I. 1521
Higashiyama, Y., Ariyoshi, H., Shirakawa, I., Ohba, S. A factored reliability formula for directed source-to-all-terminal networks 37179
Higashiyama, Y. *see* Asano, K. 46670
Higemoto, N. *see* Koiwa, I. 1817
Higginbottom, J.C. *see* Finney, A. 37199
Higgins, J.A. Thermal properties of power HBT's 34916
Higgins, J.A. *see* Ho, W.J. 28255
Higgins, J.A. *see* Ho, W.J. 43090
Higgins, J.A. *see* Seabury, C.W. 27207
Higgins, J.A. *see* Sullivan, G.J. 2464
Higgins, L.M., III, Robinson, D.L. Development and assembly of a 40 MHz MCM-L based DSP fast static RAM multichip module 9271
Higgins, R.J. *see* Boykin, T.B. 19734
Higgins, R.J. *see* Kim, Y. 11429
Higgins, T. *see* Mizan, M. 5726
Higgins, T. *see* Mizan, M.A. 10440
Higgins, T. *see* Paolella, A. 6132
Higgins, W.E., Chaoming Hsu Edge detection using two-dimensional local structure information 45100
Higgins, W.E., Ojard, E.J. Interactive morphological watershed analysis for 3D medical images 15776
Higgins, W.E. *see* Dunn, D. 36997
Higgins, W.E. *see* Dunn, D.F. 36786
Higgins, W.E. *see* Reinhardt, J.M. 36820
Higgins, W.M. *see* Bliss, D.F. 41234
Higgs, A.W. *see* Emeny, M.T. 656
Higgs, A.W. *see* Hutchinson, H.J. 19402
Higgs, V. *see* Lightowlers, E.C. 11829
Higgs, V. *see* Park, S.-C. 41229
Higham, D.J., Trefethen, L.N. Stiffness of ODEs [ordinary differential equations] 608
Higham, E.H. *see* Amadi-Echendu, J.E. 6383
Hightower, C.H., Brown, T., Soon, N.Y. System design and advanced technology development for a lightweight, low cost, satellite radar altimeter 24165
Higman, J.M., Orlowski, M. Monte Carlo simulation of deep-submicron SOI and conventional nMOSFET hot-electron-induced degradation 35015
Higman, J.M. *see* Abramo, A. 19327
Higman, T.K., Jihong Chen, Hagedorn, M.S., Williamson, F. Real-space transfer by hot electron resonant tunneling 2578
Higo, S. *see* Koba, S. 2870
Higo, T. *see* Suetake, M. 6993
Higson, S.P.J., Reddy, S.M., Vadgama, P.M. Enzyme and other biosensors: evolution of a technology 31326
Higton, B. Fuel routing and monitoring system at Torness nuclear power station 47628
Higuchi, H., Hamaguchi, K., Yajima, S. Compact test sequences for scan-based sequential circuits 18613
Higuchi, H., Ishiura, N., Yajima, S. Compaction of test sets for combinational circuits based on symbolic fault simulation 18644
Higuchi, H. *see* Yamashita, M. 40408
Higuchi, H. *see* Yamauchi, K. 44415
Higuchi, H. *see* Yoshida, N. 10913
Higuchi, K., Ishikawa, J., Hiyama, S. An improved experimental holographic movie to estimate picture quality for holographic television 29054
Higuchi, K. *see* Mansfield, G. 14140
Higuchi, K. *see* Nitta, T. 17413
Higuchi, K. *see* Tsukada, T. 46497
Higuchi, M., Shirakawa, O., Seki, H., Fujii, M., Kasami, T. A verification method via invariant for communication protocols modeled as extended communicating finite-state machines 22464
Higuchi, M. *see* Ohsugi, T. 46838
Higuchi, M. *see* Tsukada, K. 46364
Higuchi, T., Oka, K. Reluctance control magnetic suspension system suspension system with permanent magnet and linear actuator 20167
Higuchi, T., Yamaguchi, T. Development of a new high speed positioning servomechanism by electromagnetic attractive force 25482
Higuchi, T. *see* Aoki, T. 20452
Higuchi, T. *see* Arngaki, S. 18736
Higuchi, T. *see* Deng, T.-B. 34162
Higuchi, T. *see* Fujimoto, T. 16293
Higuchi, T. *see* Hanyu, T. 33995
Higuchi, T. *see* Iida, T. 20286
Higuchi, T. *see* Kagoshima, T. 21747
Higuchi, T. *see* Kaqahito, S. 10105
Higuchi, T. *see* Kawahito, S. 35042
Higuchi, T. *see* Kim, B. 1250
Higuchi, T. *see* Maeda, S. 28572
Higuchi, T. *see* Murakosi, S. 13545
Higuchi, T. *see* Oyama, J. 8352
Higuchi, T. *see* Oyama, J. 16819
Higuchi, T. *see* Oyama, J. 17017
Higuchi, T. *see* Oyama, J. 25537
Higuchi, Y. *see* Nakamoto, T. 46526
Higurashi, E. *see* Suzuki, H. 28993
Higurashi, E. *see* Ukita, H. 11889
Higurashi, H. *see* Iwabuchi, S. 2440
Hihara, M. *see* Suchiro, M. 12202
Hikage, T. *see* Tanaka, S. 27006
Hikata, T. *see* Ohkura, K. 20219
Hikata, T. *see* Ueyama, M. 35295
Hikichi, N. *see* Alomary, A.Y. 18765

Hikichi, N. *see* Alomary, A.Y. 18767
Hikichi, T. *see* Hagino, H. 33870
Hikihara, T. *see* Kawagoshi, T. 16178
Hikita, H. *see* Kamruzzaman, J. 18928
Hikita, M., Shibagaki, N., Akagi, T., Sakiyama, K. SAW filters for high power use in cellular-radio portable phones 22865
Hikita, M., Shuto, Y., Amano, M., Yoshimura, R., Tomaru, S., Kozawaguchi, H. Optical intensity modulation in a vertically stacked coupler incorporating electro-optic polymer 3170
Hikita, M., Yamada, S., Mizutani, T. Relation between structure and third-order nonlinear optical effect in polyimide thin films prepared by vapour deposition polymerization using different diamine monomers 12354
Hikita, M. *see* Komori, F. 14874
Hikita, M. *see* Komori, F. 20056
Hikita, M. *see* Noriaki, N. 23415
Hikita, T., Hishinuma, M., Kawashima, T., Yasuda, I., Koyama, T., Matsuzaki, Y. Current status of planar SOFC development at Tokyo Gas 17275
Hikita, T. *see* Mizusaki, J. 17364
Hikita, T. *see* Yasuda, I. 17345
Hikone, K., Ikeda, M., Hatayama, K., Hayashi, T. Sequential circuit test generation by real number simulation 41749
Hikone, K. *see* Hatayama, K. 1155
Hikosaka, K. *see* Harada, N. 10097
Hilaire, P.St *see* St Hilaire, P.
Hilal, K., Duhamel, P. A convergence study of the constant modulus algorithm leading to a normalized-CMA and a block-normalized-CMA 13395
Hilands, T.W., Thomopoulos, S.C.A. Model-based joint detection/estimation approach for multisensor data fusion 4748
Hilbk, U. *see* Hermes, T. 14632
Hilbk, U. *see* Hermes, T. 38106
Hilbk, U. *see* Schnabel, R. 38076
Hilbk, U. *see* Schnabel, R. 38128
Hilbrandie, G.R., Bakker, S.J.M., van der Drift, E., Rousseeuw, B.A.C., Klapwijk, T.M., Radelaar, S. Mesoscopic silicon coupled superconducting junctions of $CoSi_2$ formed in a self-aligned process 35265
Hild, K. Historical development of low voltage power switches 25581
Hild, M., Shirai, Y. Scene interpretation with default parameter models and qualitative constraints 29993
Hild, R., Nitzsche, G. Investigations about possibilities and limits of optical filtering to reset PSM in photolithography 27809
Hild, R., Nitzsche, G., Altenburger, U. Physical limits of "superresolution lithography" 28020
Hild, R. *see* Nitzsche, G. 26237
Hildebrand, B.P. *see* Prince, J.M. 41513
Hildebrand, J.A. *see* Cornuelle, B.D. 7624
Hildebrand, O., Baums, D., Idler, W., Dutting, K., Laube, G., Wunstel, K. The Y-laser: a multifunctional device for optical communication systems and switching networks 45948
Hildebrand, O. *see* Hofmann, M. 28866
Hildebrand, O. *see* Schilling, M. 12171
Hildebrand, P. *see* Eberl, G. 29066
Hildebrand, V. Investigations of equatorial ionosphere nighttime mode conversion at VLF 4129
Hildenbrand, K., Mayer, J. Motion estimation in the HERMES videocodec 29787
Hilder, D. Advances in instrumentation for routine partial discharge measurements 23530
Hilderink, J. *see* Shang, W. 40363
Hilditch, J.M. A methodology for design basis information discovery within design reconstitution programs in the nuclear industry 32541
Hilger, J.P. *see* Hertz, J. 17223
Hilhorst, G.J. *see* Schutte, K. 7646
Hilke, J. *see* Abrahamsson, K. 15584
Hilke, J. *see* Bagge, L. 15311
Hilkenbach, R. *see* Danev, G. 27820
Hill, A. Response to comments on de-embedding by James C Rautio 21332
Hill, A., Burke, J., Kottapalli, K. Three-dimensional electromagnetic analysis of shielded microstrip circuits 10505
Hill, A., Surber, J. Using aliased-imaging techniques in DDS to generate RF signals 1090
Hill, A. *see* Cootes, T.F. 38962
Hill, A.E. *see* Ahmed, E. 867
Hill, A.J. *see* Ladbrooke, P.H. 10446
Hill, A.V., Webb, J.E., Phillips, A.R., Connors, J.E. Design and analysis of a high NA projection optical system for 0.35 μm deep-UV lithography 2352
Hill, B., Denley, I., Whitefield, A. User requirements for end-user service configuration 37569
Hill, C. *see* Amendola, G. 15300
Hill, C. *see* Cooke, G.A. 42617
Hill, C.A. *see* House, S.D. 39298
Hill, C.J. *see* Ashkenazi, V. 46144
Hill, D. *see* Petrick, M. 25907
Hill, D.A. Gradiometer antennas for detection of long subsurface conductors 32121
Hill, D.A., Crawford, M.L., Kanda, M. Aperture coupling to shielded transmission lines: theory and experiment 44432
Hill, D.A. *see* Allen, O.E. 12733
Hill, D.G., Kim, T.S., Tserng, H.Q. AlGaAs/GaAs Pnp HBT with 54 GHz f_{max} and application to high-performance complementary technology 28095
Hill, D.G. *see* Liu, W. 19070
Hill, D.J., Hiskens, I.A., Mareels, I.M.Y. Stability theory of differential/algebraic models of power systems 39470
Hill, D.J. *see* Wang, Y. 24733
Hill, D.J.T. *see* Darveniza, M. 47922
Hill, D.L.G., Hawkes, D.J. Medical image registration using knowledge of adjacency of anatomical structures 38953
Hill, D.L.G., Hawkes, D.J., Hussain, Z., Green, S.E.M., Ruff, C.F., Robinson, G.P. Accurate combination of CT and MR data of the head: validation and applications in surgical and therapy planning 15774
Hill, E.A. *see* Kwok, C.K. 35141
Hill, E.F. *see* Marshall, W.K. 7907
Hill, E.K., Israel, P.L., Knotts, G.L. Neural network prediction of aluminum-lithium weld strengths from acoustic emission amplitude data 9829
Hill, G., Clementi, J., Palomaki, J. Epoxy encapsulation improves flip chip bonding 27394
Hill, G. *see* Beaumont, S.P. 15637
Hill, G. *see* David, J.P.R. 43633
Hill, G. *see* Ghisoni, M. 1921
Hill, G. *see* Harrison, P.A. 42857
Hill, G. *see* Khan-Cheema, U.M. 42852
Hill, G. *see* Kuhn, O. 43650
Hill, G. *see* Nogaret, A. 19371
Hill, G. *see* Sakai, J.W. 42850
Hill, G. *see* Tamm, I.R. 19753
Hill, G. *see* Turner, T.S. 42505
Hill, G.L. *see* Mitra, S. 31875
Hill, G.R., Chidgey, P.J., Kaufhold, F., Lynch, T., Sahlen, O., Gustavsson, M., Janson, M., Lagerstrom, B., Grasso, G., Meli, F., Johansson, S., Ingers, J., Fernandez, L., Rotolo, S., Antonielli, A., Tebaldini, S., Vezzoni, E., Caddedu, R., Caponio, N., Testa, F., Scavennec, A., O'Mahony, M.J., Zhou, J., Yu, A., Sohler, W., Rust, U., Herrmann, H. A transport network layer based on optical network elements 6051
Hill, G.R. *see* Smith, P.J. 30739
Hill, J. *see* Daneshvar, O. 6015
Hill, J.A., Hall, C.E., Shields, K.B. The development of a cost effective, environmentally friendly method for lagging wire and cable shipping reels 5928
Hill, J.R. *see* Christensen, D.H. 20831
Hill, K.B., Brady, D.J. Pulse shaping in volume reflection holograms 3897
Hill, K.D. *see* Ancsin, J. 46386
Hill, K.M. *see* Luppov, V.G. 31588
Hill, K.O. *see* Albert, J. 44098
Hill, K.O. *see* Bilodeau, F. 35550
Hill, K.O. *see* Bilodeau, F. 35553
Hill, K.O. *see* Malo, B. 2966
Hill, K.O. *see* Malo, B. 43389
Hill, K.S. *see* Gandhi, M.S. 1716
Hill, M., Hellmann, D., Rother, M. Quartzglass components and heavy-metal contamination 42610
Hill, N.C. *see* Alber, G.M. 7288
Hill, N.W. *see* Wender, S.A. 7232
Hill, P.C.J., Wells, P.D. Antenna beamforming for EW using adaptive layered networks 39440
Hill, P.D. *see* Thompson, C.M. 7444
Hill, P.M. *see* Silletti, A. 3400
Hill, R. Band switched patch radiators for telephone handsets 45674
Hill, R. *see* Kavcar, N. 27506
Hill, R.H. *see* Blair, S.L. 42806
Hill, R.J. Electric railway traction. I. Electric traction and DC traction motor drives 40595
Hill, R.J., Carpenter, D.C., Mellitt, B., Allan, J., Brown, J.C. Calculation and measurement of rail impedances applicable to remote short-circuit fault currents 8915
Hill, R.J., Cevik, I.H. On-line simulation of voltage regulation in autotransformer-fed AC electric railroad traction networks 8898
Hill, R.J., Coles, P.C. A user-friendly simulator for modelling audio frequency track circuit operation 48381
Hill, R.J. *see* Carpenter, D.C. 25896
Hill, R.J. *see* Carpenter, D.C. 33104
Hill, R.J. *see* Coles, P.C. 8929
Hill, R.J. *see* Walczyna, A.M. 16878
Hill, R.J. *see* Walczyna, A.M. 17428
Hill, R.W. *see* Loschner, H. 27920
Hill, S.C. *see* Chen, G. 12038
Hill, S.C. *see* Chowdhury, D.Q. 28906
Hill, S.C. *see* Khaled, E.E.M. 44294
Hill, S.G. *see* Reece, W.J. 39739
Hill, W.L. *see* McLarty, P.K. 834
Hill, W.L. *see* McLarty, P.K. 26499
Hill, W.L., II *see* Kwasnick, R.F. 28147
Hill, W.T., III *see* Cui, Y. 20658
Hilla, S.C. Boundary scan testing for multichip modules 1754
Hillard, R.J. *see* Heddleson, J.M. 2196
Hillard, R.J. *see* Heddleson, J.M. 42543
Hillard, R.J. *see* Le Dudal, R. 43120
Hillard, R.J. *see* Polyakov, A.Y. 9533
Hillard, R.J. *see* Weinzierl, S.R. 42909
Hillas, A.M. *see* Beaman, J. 15641
Hillberry, J.B. America's restructured schools begin training global citizens 22382
Hille, G. The design of low-voltage electric terminals 34314
Hille, P. *see* Heindler, M. 39884
Hillen, K. *see* Buzak, T.S. 23812
Hillenius, S.J. ULSI technology—a complex device manufacturing process 19928
Hiller, G. *see* Caverly, R.H. 1406
Hiller, G. *see* Caverly, R.H. 19028
Hiller, J., Mankovich, N.J. Multi-media aspects of medical imaging 38989
Hiller, M. *see* Bauerle, P. 26528
Hiller, S., Rooney, E., Laver, J., Jack, M. An automated system for computer aided pronunciation teaching 9153
Hiller, S., Rooney, E., Laver, J., Jack, M. SPELL: an automated system for computer-aided pronunciation teaching 29521
Hilleret, N. *see* Arnaud, C. 15506
Hillery, B. *see* Bussmann, M. 34139
Hillery, W.J. *see* Bussmann, M. 42018
Hillion, A. *see* Caillol, H. 24458
Hillion, P. Time-dependent electromagnetic pulse on a chiral slab. I 36151
Hillion, P. Time-dependent electromagnetic pulse on a chiral slab. II 36152
Hillion, P. Interferences of digital signals 44923
Hillman, J.T. *see* Arora, R. 799
Hillman, J.T. *see* Cale, T.S. 824
Hillman, J.T. *see* Studiner, D.W. 826
Hillman, W., Wilhelms, H. Calibration of roughness normals 6802
Hillmann-Ruge, Th. *see* Hartmann, H.-D. 19668
Hillmer, H., Hansmann, S., Walter, H., Burkhard, H. Experimental and theoretical study of the facet phase influence on the wavelength shift in InGaAs/InAlGaAs quantum well distributed feedback lasers 28848
Hillmer, H., Zhu, H.-L., Burkhard, H. Large wavelength tunability of asymmetric 3-section DFB lasers under CW and pulsed bias 20836
Hillmer, H. *see* Griesinger, U.A. 27923
Hillmer, H. *see* Mecozzi, A. 35804
Hills, G.W. *see* Hyungcheol Shin 2107
Hills, P.R. *see* Atkinson, R.M. 46292
Hills, T. Computers that never need to shut down 22508
Hillstrom, T.L. *see* Cutler, R.T. 23484
Hilmar, J. *see* Rothberg, S. 165
Hilmer, B. *see* Rompf, C. 35627
Hilmer, B. *see* Rompf, C. 43681
Hilscher, D. *see* Pausch, G. 31676
Hilsenrath, E., Williams, D.E., Caffrey, R.T., Cebula, R.P., Hynes, S.J. Calibration and radiometric stability of the Shuttle Solar Backscatter Ultraviolet (SSBUV) experiment 24486
Hilsenrath, E. *see* Caffrey, R.T. 32032
Hilt, A. *see* Berceli, T. 27293
Hilten, O.van *see* van Hilten, O.
Hiltgen, A.P.L. Constructions of feebly-one-way families of permutations 18019
Hiltmann, P. *see* Buchauer, O. 41170
Hilton, C. *see* Cronstrom, H. 31804
Hilton, H.E. A 10-megasample-per-second analog-to-digital converter with filter and memory 34127
Hilton, H.E. A 10-MHz analog-to-digital converter with 110-dB linearity 34128
Hilton, K.P. *see* Crouch, M.A. 19075
Hilton, K.P. *see* Jenkins, R.M. 28516
Hilton, R.D. *see* Tun Chun Nie 13948
Hilyard, R.C. *see* St Pierre, R.J. 20712
Himayat, N., Kassam, S.A. Approximate performance analysis of edge preserving filters 13212
Himbeeck, C.Van *see* Van Himbeeck, C.
Himdi, M., Daniel, J.-P., Ito, K. Circularly polarized slot fed patches and conical beam array 29390
Himel, M.D. *see* Kimble, T.C. 11636
Himel, M.D. *see* Kubiak, G.D. 2308
Himel, M.D. *see* MacDowell, A.A. 27832
Himel, M.D. *see* Tichenor, D.A. 27831
Himel, T., Allison, S., Grossberg, P., Hendrickson, L., Sass, R., Shoaee, H. An adaptive noise cancelling system used for beam control at the Stanford Linear Accelerator Center 6991
Himeno, A., Nagase, R., Ito, T., Kato, K., Okuno, M. Photonic inter-module connector using 8×8 optical switches for near-future electronic switching systems 45728
Himeno, A. *see* Nagase, R. 30574
Himeno, K., Aikawa, K., Nozawa, T., Sawada, M., Suzuki, F., Yamauchi, R. Novel polarization-maintaining optical fiber with twin-peak-core structure 35416
Himeno, T., Okamura, Y., Asada, M., Nakamura, T. Overvoltage phenomena caused by disconnecting motor-loads on power line with open-phase 16301
Himeno, T., Tanaka, M., Katoku, T., Matsumoto, K., Tamura, M., Min-Jae, H., Sasaki, T., Ito, J. High-density magnetic tape recording by a non-tracking method 14856
Himeno, Y. *see* Sato, I. 15299
Himeno, Y. *see* Wang, Y.L. 38767
Himi, H., Matsui, M., Fujino, S., Hattori, T. Silicon wafer direct bonding without hydrophilic native oxides 27720
Himmel, J., McGowan, R., Kosinski, J., Lukaszek, T. Market survey of acceleration-insensitive SAW oscillators 20117

Himmel, J. *see* McGowan, R. 2748
Himmel, J. *see* McGowan, R. 2776
Himmelstoss, F.A., Redtensteiner, H., Zach, F.C. A buck converter with limited duty cycle range 26706
Himmelstoss, F.A., Zach, F.C. Elementary working point analysis for DC/DC converters shown for a fourth order buck converter 17099
Himmelstoss, F.A. *see* Erhartit, L. 32899
Himmler, A. *see* Meier, J. 24027
Himonas, S.D. *see* Prastitis, L.A. 46056
Hin Lee Seng *see* Seng Hin Lee
Hin Leung Ka *see* Ka Hin Leung
Hinamoto, T. *see* Muneyasu, M. 10288
Hinamoto, T. *see* Muneyasu, M. 29893
Hinata, J. *see* Saito, Y. 26964
Hinata, J. *see* Saito, Y. 27002
Hinata, J. *see* Suzuki, T. 34113
Hinata, T. *see* Hosono, H. 12579
Hinata, T. *see* Obnuki, S. 21201
Hinata, T. *see* Yamasaki, T. 4056
Hinata, T. *see* Yamasaki, T. 12548
Hinberg, I. *see* Kok Swang Tan 47112
Hincelin, G. *see* Zahzouh, M. 9635
Hinchley, D.A. *see* Johnson, C.M. 2406
Hinckley, C.M. *see* Barkan, P. 223
Hind, A. *see* Earnshaw, R.W. 5313
Hind, A.K., Christy, J.R.E. The influence of flow structures on clot formation around bodies of revolution with relation to mechanical heart valve prostheses 7475
Hind, D.J. The design and application of RFID systems in hazardous environments 45769
Hind, R. The use of satellite communication links within networks based upon OSI and ISDN standards 22956
Hinderer, A. *see* Irmisch, M. 2710
Hindi, B., Hosseini, W., Briggs, D., Fox, J., Hutton, A. Down sampled signal processing for a B Factory bunch-by-bunch feedback system 7090
Hindi, H. *see* Fox, J.D. 6966
Hindi, H. *see* Oxoby, G. 6999
Hinds, J.M. *see* Milikh, G.M. 21250
Hindus, D., Schmandt, C., Horner, C. Capturing, structuring, and representing ubiquitous audio 29537
Hindy, M.A. Slow-wave analysis on double layered substrates 12695
Hindy, M.A. Optoelectronic periodic structure for MM wave control in waveguides 18980
Hine, N.A., Arnott, J.L., Beattie, W., McKinlay, A. Service function allocation when considering adaptations for people with special needs 37570
Hine, N.A., Beattie, W., McKinlay, A., Arnott, J.L. Special adaptations for PSN to broadband data services 39110
Hine, S. *see* Shiomi, T. 41892
Hinedi, S. *see* Wu, T.K. 36382
Hinedi, S.M. *see* Shihabi, M.M. 37969
Hines, E.L. *see* Fekadu, A.A. 46531
Hines, E.L. *see* Hutchins, D.A. 9812
Hines, E.L. *see* Mason, J.D. 46530
Hines, E.L. *see* Moore, S.W. 6634
Hines, E.L. *see* Sheppard, S.J. 31858
Hines, J.H., Dale, C.J., Stapor, W.J. Ionizing space radiation effects on surface acoustic wave resonators 11420
Hines, K., Sanders, B. Communications systems design with object oriented analysis/recursive design 45901
Hines, T.R. Open systems interconnection Abstract Syntax Notation: ASN.CG 22646
Hing-Tsun Hung *see* Kwentus, A.Y. 41858
Hingorani, K. *see* Sankar, C.S. 26123
Hingorani, N.G. FACTS technology and opportunities 39570
Hingorani, N.G., Nilsson, S.L., Gyugyi, L. Static condenser - prototype application 47433
Hingorani, N.G., Schneider, H.M. Fans as a novel means for preventing HVDC wall bushing flashovers 47476
Hingorani, N.G., Stahlkopf, K.E. High-power electronics 17126
Hingorani, N.G. *see* Von Dollen, D.W. 16383
Hingorani, S., Pillai, V., Kumar, P., Multani, M.S., Shah, D.O. Microemulsion mediated synthesis of zinc-oxide nanoparticles for varistor studies 10514
Hingorani, S. *see* Cox, I.J. 5110
Hingst, T., Hubner, M., Franz, R., Kuhr, J.-C., Fitting, H.-J. High-field EBIC by computer control 42586
Hinich, M.J., Sheehan, J.H. Ocean acoustic field matching: normal mode filtering and non-Gaussian sources 6154
Hinich, M.J. *see* Barker, R.W. 8297
Hinkel-Lipsker, D.E., Shoucri, M.M., Smith, T.M., Wagner, T.M., Hansen, J.D., Morales, G.J. Modelling of high-frequency oblique propagation and heating in the ionosphere 4119
Hinkelman, L.M., Dong-Lai Liu, Metlay, L.A., Waag, R.C. Mensurements of ultrasonic pulse arrival time and energy level variations produced by propagation through abdominal wall 31895
Hinken, J.H. *see* Klinger, V.M. 1466
Hinkkanen, H. *see* Ahokas, H. 16014
Hinkle, G.L. *see* Heiser, J.E. 23431
Hinkson, J. *see* Kim, C.H. 6969
Hinneberg, H.-J. *see* Sjoreen, T.P. 10871
Hino, I. *see* Gomyo, A. 26410
Hino, M., Sasaki, M., Fujita, K., Bessho, Y., Hane, K., Okuma, S. Scanning force microscope using a common-path optical heterodyne interferometer 38559
Hino, R. *see* Wakayama, N. 39838
Hinode, F. *see* Ohsugi, T. 46838
Hinode, K., Furusawa, T., Homma, Y. Dependence of electromigration lifetime on the square of current density 42768
Hinode, K. *see* Tanigawa, S. 10732
Hinrich, S. *see* Kuhne, H. 41428
Hinrich, S. *see* Schlote, J. 26478
Hinrichs, H.-J. *see* Henschel, M. 7854
Hinrichs, H.J. Creation of simulation models based on field tests and parameter identification [electric generators] 32833
Hinrichs, H.J. *see* Henschel, M. 32338
Hinrichsen, P. *see* Parpal, J.-L. 24949
Hinrichsen, P.F. *see* Houdayer, A. 43197
Hinsberg, W.D., MacDonald, S.A., Clecak, N.J., Snyder, C.D., Ito, H. Influence of polymer properties on airborne chemical contamination of chemically amplified resists 11049
Hinsberg, W.D. *see* Allen, R.D. 11069
Hinsberg, W.D. *see* Allen, R.D. 11103
Hinsberg, W.D. *see* Ito, H. 11051
Hinsberg, W.D. *see* Kunz, R.R. 11030
Hinsberg, W.D. *see* Kunz, R.R. 11061
Hinsberg, W.D. *see* Rao, V. 11013
Hinsberg, W.D. *see* Wallraff, G.M. 27957
Hinsburg, W.D. *see* Zuniga, M. 27971
Hinsch, K.D. *see* Ganesan, A.R. 44156
Hinsch, K.D. *see* Gulker, G. 3913
Hinsen, G., Klosters, D. The sampling series as a limiting case of Langrange interpolation 29567
Hinteregger, H.F. *see* Bhushan, B. 35234
Hinterlong, S.J. *see* Cloonan, F.J. 43679
Hinterlong, S.J. *see* McCormick, F.B. 43584
Hintermaier, M., Anzinger, H., Knapek, E. CAMP-6, a deep-UV positive tone resist applied to e-beam exposure 28041
Hintermann, H.E. Microsensor applications based on doped diamond thin films 46372
Hintermann, H.E. *see* Binggeli, M. 6537
Hintermann, H.E. *see* Hanni, W. 9769
Hinton, G.J. *see* Malcolm, J.S. 39730
Hinton, H.S. Progress in systems based on free-space interconnection 3256
Hinton, H.S. *see* Cloonan, F.J. 43679
Hinton, H.S. *see* McCormick, F.B. 43584
Hinton, K. *see* Stephens, T. 38046
Hinton, O.R. *see* Dlay, S.S. 11288
Hinton, O.R. *see* Tahir, J.M. 10051
Hintz, K.J. *see* Stewart, C.V. 23102
Hintze, B. *see* Gruenewald, W. 19632
Hintze, B. *see* Schulz, S.E. 19629
Hinz, R. *see* Luo, S. 27158
Hinze, M. On the numerical treatment of quasiminimal surfaces 33505
Hinzen, H., Ripper, B. Precision grinding of semiconductor wafers 1978
Hioe, W. *see* Suda, R. 26895
Hioka, T. *see* Asada, E. 39976
Hioki, T. *see* Takahashi, S. 38344
Hiorns, R.E. *see* Farrar, H.D. 18839
Hipolito, O. *see* Leao, S.A. 10728
Hippler, J.H., Ermert, H., von Bernus, L. Broadband holography applied to eddy current imaging by using signals with multiplied phases 18361
Hippner, M., Lilje, P., Harley, R.G. PM synchronous machine performance calculation based on finite element magnetic field solution 40144
Hir-Ming Shieh, Wei-Chou Hsu, Rong-Tay Hsu, Chang-Luen Wu, Tien-Shou Wu A high-performance δ-doped GaAs/$In_yGa_{1-y}As$ pseudomorphic high electron mobility transistor utilizing a graded $In_yGa_{1-y}As$ channel 43014
Hir-Ming Shieh *see* Ming-Jer Kao 2602
Hira, M. *see* Horii, Y. 27196
Hira, M. *see* Kitamura, T. 19140
Hira, T. *see* Ishibashi, M. 22724
Hirabayashi, H. *see* Nojiri, Y. 46228
Hirabayashi, J., Takemoto, S., Magari, U., Tanaka, Y., Tenjinbayashi, K. Development of a crustal stress measurement system using electronic speckle pattern interferometry 39352
Hirabayashi, K., Kurokawa, T. Improvement of the transmission spectra of tunable wavelength-selective liquid crystal Fabry-Perot interferometer filters 11812
Hirabayashi, K., Matsumoto, S. Flattened diamond crystals synthesized by microwave plasma chemical vapor deposition in a CO-H_2 system 26494
Hirabayashi, K., Tsuda, H., Kurokawa, T. Tunable liquid-crystal Fabry-Perot interferometer filter for wavelength-division multiplexing communication systems 45947
Hirabayashi, K. *see* Hashimoto, O. 44585
Hirabayashi, K. *see* Nonaka, K. 37657
Hirabayashi, K. *see* Tsuda, H. 12217
Hirabayashi, K. *see* Uchida, K. 8726
Hirabayashi, O., Chikada, N., Taki, T., Otsuki, S. Development of "The Expert System for Assisting Car-Allocation in Emergency" on electric power's service 16217
Hirabayashi, T. *see* Fujikake, H. 48468
Hirabayashi, T. *see* Hasuike, H. 48389
Hiradu, T. *see* Ken-ichi Hatekeyama 21282
Hirae, S. *see* Sakai, T. 6712
Hiraguchi, I. *see* Kakishita, M. 8899
Hirai, H., Kawazome, T., Takiguchi, D., Tsutsumi, K., Yuba, Y. 3-D shape measurement using the ratio of brightness by binocular vision 22150
Hirai, H. *see* Nii, M. 17889
Hirai, H. *see* Nishida, H. 6263
Hirai, K., Kawai, K., Watanabe, T. Development of an on-site full scope BWR training simulator 16576
Hirai, K. *see* Yokota, K. 10805
Hirai, K. *see* Yokota, K. 19780
Hirai, M. STN LCD panel systems serve as public information display boards 46560
Hirai, M., Yabuki, S., Takizawa, T., Sano, Y., Hirai, T., Ohashi, K., Kakuno, K., Kobayashi, K., Ueki, T. High-performance permanent magnetic circuit designed for small-angle X-ray scattering using synchrotron radiation source 36125
Hirai, M. *see* Nii, M. 17889
Hirai, S. *see* Okazaki, T. 20312
Hirai, T. *see* Haga, T. 4798
Hirai, T. *see* Hirai, M. 36125
Hirai, T. *see* Inoue, K. 17559
Hirai, T. *see* Tsujimoto, K. 35063
Hirai, T. *see* Wei Zhang 33651
Hirai, Y. Neural network hardware development—trends of research 42111
Hirai, Y. *see* Kawashima, M. 22147
Hirai, Y. *see* Takahashi, N. 23826
Hiraishi, H. *see* Kawakubo, K. 10248
Hiraiwa, A., Uchida, N., Shimohara, K., Sonehara, N. EMG recognition with a neural network model for Cyber Finger control 47106
Hiraiwa, A. *see* Miyazaki, H. 42676
Hirakata, K. *see* Fujikake, H. 48468
Hirakawa, N. *see* Ito, N. 31797
Hirakawa, T., Kato, C. A new laminate for MCM-L 17858
Hirakawa, Y., Nagai, A., Okada, T., Maeda, M., Muraoka, K. Absolute density measurement of a pulsed H_2 gas jet used for extreme ultraviolet generation by nonlinear frequency conversion 35978
Hirakawa, Y. *see* Shibata, K. 21482
Hiraki, A. *see* Ito, T. 19569
Hirakimoto, K. *see* Hayashi, G. 35498
Hirama, K. *see* Mita, Y. 3344
Hiramatsu, K. *see* Hacke, P. 19409
Hiramatsu, K. *see* Hirosawa, K. 658
Hiramatsu, K. *see* Sampei, S. 37728
Hiramatsu, M. *see* Hasegawa, K. 3232
Hiramatsu, S. *see* Huang, H. 7044
Hiramatsu, S. *see* Takayama, K. 43696
Hiramatsu, S. *(editor)* Proceedings of the 3rd Topical Meeting on FEL and High Power Radiation (KEK Proc. 93-17) 33258
Hiramatsu, T. Protecting telecommunications privacy in Japan 5268
Hiramatsu, T., Ishida, A., Kamimura, T., Kawakyu, Y. The selective deposition of a silicon film on hydrogenated amorphous silicon by mercury sensitized photochemical vapor deposition 18246
Hiramoto, K. *see* Hirota, T. 6373
Hiramoto, L. *see* Erdal, A. 18559
Hiramoto, M., Tani, J., Yokoyama, M. Directed beam emission from film edge in organic electroluminescent diode 35607
Hiramoto, M., Yokoyama, M. New light transducer using organic electroluminescent diode combined with photoresponsive amorphous silicon carbide 38499
Hiramoto, T. *see* Ohhata, K. 10171
Hiramoto, T. *see* Ohhata, K. 18731
Hiramoto, T. *see* Tamba, N. 34046
Hiranandani, A. Analysis of cable ampacities in cable systems containing harmonics 32424
Hirane, Y. *see* Kawagoshi, T. 16178
Hirano, K., Ishikawa, T., Kikuta, S. Perfect crystal X-ray phase retarders 7314
Hirano, K. *see* Ishizaki, C. 19228
Hirano, K. *see* Mizusaki, J. 17364
Hirano, K. *see* Nakamoto, S. 24519
Hirano, K. *see* Sato, I. 15299
Hirano, K. *see* Tomita, M. 18615
Hirano, K. *see* Wang, C. 14275
Hirano, M. Theoretical analyses of optical bistability made of Faraday medium 21082
Hirano, M. *see* Anoda, Y. 16615
Hirano, M. *see* Ishihara, T. 41245
Hirano, N. *see* Hiruta, Y. 43135
Hirano, N. *see* Mieda, H. 14647
Hirano, N. *see* Nishida, S. 34997
Hirano, N. *see* Yamaguchi, Y. 5894
Hirano, R. *see* Kawano, M. 30825
Hirano, R. *see* Uchida, N. 27994
Hirano, T. *see* Kawai, N. 35226
Hirano, Y. *see* Matoba, T. 18897
Hirano, Y. *see* Sato, Y. 25544
Hirano, Y. *see* Sugihara, O. 20997
Hirao, H. *see* Nomura, Y. 2958
Hirao, K., Todoroki, S., Cho, D.H., Soga, N. Room-temperature persistent hole burning of Sm^{2+} in oxide glasses 3776
Hirao, M., Ogi, H., Fukuoka, H. Resonance EMAT system for acoustoelastic stress measurement in sheet metals 9865
Hirao, M. *see* Kawamura, K. 25321
Hirao, M. *see* Petersen, G.L. 31532

Hirao, T. *see* Hayashi, S. 9661
Hirao, T. *see* Kanno, I. 43177
Hirao, T. *see* Kitabatake, M. 661
Hirao, T. *see* Kometani, H. 40108
Hirao, T. *see* Nashiyama, I. 34902
Hirao, T. *see* Takayama, R. 6598
Hirao, T. *see* Ueda, A. 16763
Hirao, Y. *see* Amemiya, K. 46799
Hirao, Y. *see* Kanazawa, M. 6908
Hirao, Y. *see* Kanazawa, M. 15457
Hirao, Y. *see* Tokiguchi, K. 15328
Hiraoka, K. Effect of temperature on stress-induced open failure in aluminum interconnects of LSIs 2638
Hiraoka, K. The elastic-plastic-creep analysis of thermal stress and strain in aluminum interconnects of LSIs 27776
Hiraoka, K. Effects of the aspect ratio on stress-induced open failure in an aluminum line of LSI interconnects 27799
Hiraoka, K., Yasuda, K. The enhancement of electromigration lifetime under high frequency pulsed conditions 34853
Hiraoka, S. *see* Saito, Y. 27002
Hiraoka, T. *see* Yoshioka, S. 34052
Hirasa, T. *see* Morimoto, S. 17451
Hirasa, T. *see* Morimoto, S. 25877
Hirasa, T. *see* Morimoto, S. 47851
Hirasa, T. *see* Sanada, M. 8795
Hirasa, T. *see* Sanada, M. 16897
Hirasa, T. *see* Sanada, M. 25478
Hirasa, T. *see* Takeda, Y. 40257
Hirasawa, H. *see* Uchida, K. 8726
Hirasawa, K. Reduction of near electromagnetic fields by loaded wires 44408
Hirasawa, K. *see* Chiba, T. 16473
Hirasawa, K. *see* Pham, T.H. 16785
Hirasawa, K. *see* Suzuki, G. 28289
Hirasawa, M. *see* Tsujino, J. 16088
Hirasawa, S., Kieda, S., Watanabe, T., Torii, T., Takagaki, T., Uchino, T. Temperature distribution in semiconductor wafers heated in a vertical diffusion furnace 9215
Hirasawa, S., Nakajima, K., Tamura, T., Aizaki, N. Effect of beam condition in variable-shaped electron-beam direct writing for 0.25 μm and below 27906
Hirasawa, S. *see* Nakajima, K. 27873
Hirashita, N. *see* Fujita, K. 42688
Hirashita, N. *see* Tanaka, H. 34059
Hirashita, N. *see* Uchida, H. 10769
Hirata, J., Hisatake, Y., Ishikawa, M., Shoji, M., Tanaka, Y., Hatoh, H. Viewing-angle evaluation method for LCDs with gray-scale images 31356
Hirata, J. *see* Hatoh, H. 15132
Hirata, K. *see* Ohmi, K. 46782
Hirata, K. *see* Ohsawa, H. 23317
Hirata, M., Kamei, T., Yano, T. Interior lighting design methodology supported by computer 40644
Hirata, M., Liangyan Sun Characteristics of an organic semiconductor polyaniline film as a sensor for NH_3 gas 46527
Hirata, M. *see* Saito, Y. 3186
Hirata, M. *see* Tsubata, T. 20206
Hirata, N., Utashiro, Y. Application of concurrent engineering in the manufacturing industry 17942
Hirata, N. *see* Ohashi, Y. 39611
Hirata, S. *see* Ando, T. 42338
Hirata, T. *see* Shimizu, F.O. 28737
Hirata, T. *see* Sudoh, T.K. 43885
Hirata, T. *see* Suehiro, M. 12202
Hirata, Y., Ogane, H., Kato, M., Konishi, E. Fault localization using voltage contrast image—application of IC Fault Navigation (ICFAN) method to logic LSI 43062
Hirata, Y., Takahashi, N., Kato, K., Takebe, T. High-frequency IIR switched capacitor filter using parallel cyclic-type circuit with low-power consumption 42070
Hirata, Y., Takahashi, N., Takebe, R., Kikuchi, K., Hashimoto, M. FIR and IIR SC decimation filters using parallel cyclic type circuit for high frequency and low-power consumption 27052
Hirata, Y., Tani, T. Evaluation of photovoltaic modules considering spectral solar radiation 25693
Hirata, Y. *see* Kawasaki, T. 46594
Hirata, Y. *see* Matsushima, J.I. 15890
Hiratate, Y. *see* Shoji, T. 7303
Hiratsuka, K. *see* Tamura, R. 20257
Hiratsuka, N. *see* Fujita, M. 2798
Hiratsuka, N. *see* Okada, T. 41914
Hiratsuka, S. *see* Takahashi, Y. 33367
Hiratsuka, T., Ogawa, E. A Ku-band transversal filter using directional couplers made of a multilayer ceramic 27142
Hirayama, H. MC-simulations with EGS4/PRESTA for an electromagnetic sampling calorimeter 7250
Hirayama, H. Measurements and standards 31091
Hirayama, H., Hiroi, M., Ide, T. {311} facets of selectively grown epitaxial Si layers on SiO_2-patterned Si(100) surfaces 26411
Hirayama, H., Matsunaga, K., Asada, M., Suematsu, Y. Lasing action of $Ga_{0.67}In_{0.33}As/GaInAsP/InP$ tensile-strained quantum-box laser 28826
Hirayama, H., Yoshida, J., Miyake, Y., Asada, M. Carrier capture time and its effect on the efficiency of quantum-well lasers 43910
Hirayama, H. *see* Arai, S. 28834
Hirayama, H. *see* Ban, S. 47021
Hirayama, H. *see* Ishimaru, H. 7004
Hirayama, H. *see* Ishimaru, H. 15316
Hirayama, H. *see* Miyake, Y. 12206
Hirayama, K., Koshiba, M. Analysis of discontinuities in a grounded slab waveguide by combination of finite-element and boundary-element methods 12692
Hirayama, K., Koshiba, M. Rigorous analysis of coupling between laser and passive waveguide in multilayer slab waveguide 21299
Hirayama, K., Tone, Y., Takagi, K., Murakami, H., Shibata, M., Nagamura, H., Takagi, Y. Digital AVR application to power plants 32513
Hirayama, K. *see* Akikawa, K. 23846
Hirayama, K. *see* Alam, M.S. 21356
Hirayama, K. *see* Higaki, N. 34086
Hirayama, K. *see* Koshiba, M. 4200
Hirayama, K. *see* Shirai, H. 29159
Hirayama, M., Vatikiotis-Bateson, E., Kawato, M. Physiologically-based speech synthesis using neural networks 21686
Hirayama, M. *see* Shibano, T. 2115
Hirayama, T. *see* Jun Chen 21099
Hirayama, Y., Smet, J.H., Peng, L.-H., Fonstad, C.G., Ippen, E.P. Feasibility of 1.55 μm intersubband photonic devices using InGaAs/AlAs pseudomorphic quantum well structures 44076
Hirayama, Y., Tarucha, S. High temperature ballistic transport observed in AlGaAs/InGaAs/GaAs small four-terminal structures 1879
Hirayama, Y., Tokura, Y., Wieck, A.D., Koch, S., Haug, R.J., von Klitzing, K., Ploog, K. Transport characteristics of a window-coupled in-plane-gated wire system 10700
Hirayama, Y. *see* Bever, T. 34573
Hirayama, Y. *see* Itoh, M. 42478
Hirayama, Y. *see* Krishnan, K.M. 41429
Hirayasu, M. *see* Yamashita, K. 24663
Hird, S.W. *see* Tegethoff, M.V. 1723
Hirech, M., Florent, O., Greiner, A., Rejouan, E. Application of a redefinable symbolic simulation technique in VLSI testability design rules checking 35061
Hiremath, B.V. Evaluation of tumbling processes of multilayer ceramic capacitors for surface mount device applications 42261
Hiremath, N.S. *see* Khaparde, S.A. 32205
Hiriyannaiah, H.P., Ramakrishnan, K.R. Moments estimation in Radon space 36970
Hirnak, S. *see* Loutts, G.B. 18126
Hirning, C.R. *see* Horowitz, Y.S. 31798
Hirning, H. *see* Bertholdt, H.-O. 39853
Hirning, R. *see* Schmiedel, H. 20408
Hiroaki Tachibana, Matsumoto, M. Functionalized Langmuir-Blodgett films—toward the construction of molecular devices 34460
Hirobe, T. *see* Umeda, H. 13876
Hirohata, T., Suzuki, T., Nakajima, K., Mizushima, Y. Infrared photoresponse in semi-insulating GaAs diode 15003
Hiroi, M. *see* Hirayama, H. 26411
Hiroi, T., Yoshimura, K., Ninomiya, T., Hamada, T., Nakagawa, Y., Mio, S., Karasaki, K., Sasaki, H. Solder joint inspection using air stimulation speckle vibration detection method and fluorescence detection method 17950
Hiroi, T. *see* Tu, P. 13729
Hirokawa, T., Itoh, K., Sato, H. High quality speech synthesis system based on waveform concatenation of phoneme segment 21694
Hirokawa, T. *see* Itoh, K. 21687
Hiroki, F., Yamamoto, K., Nasuda, T. Fluidic oscillator using a supersonic bistable device and its oscillation frequency 9824
Hirokoh, M., Tagawa, I., Nakamura, Y. Magnetization model for particle magnetic interaction 28381
Hiromoto, N. *see* Hori, T. 20639
Hirono, T. *see* Fukuda, M. 28872
Hirono, T. *see* Nagayama, A. 22478
Hirosawa, H. *see* Lanari, R. 23105
Hirosawa, K., Hiramatsu, K., Sawaki, N., Akasaki, I. Growth of single crystal $Al_xGa_{1-x}N$ films on Si substrates by metalorganic vapor phase epitaxy 658
Hirosawa, S. Toward high energy product Nd-Fe-B magnets 35215
Hirosawa, S., Makita, K., Kanekiyo, Y., Umemoto, M. Magnetic properties of iron-based materials (1:12:N-type compounds and Fe_3B-Nd) for low rare-earth bonded magnets 11462
Hirosawa, S. *see* Taylor, D.W. 35218
Hirose, F. *see* Iwashita, H. 10110
Hirose, H. Estimation of threshold stress in accelerated life-testing 40916
Hirose, H. *see* Kiritani, S. 7354
Hirose, H. *see* Yamaguchi, F. 14824
Hirose, K. Speech signal processing using optical method 4517
Hirose, K., Fujisaki, H. A system for the synthesis of high-quality speech from texts on general weather conditions 21695
Hirose, K., Shimada, H., Shimomura, S., Onodera, M., Ohmi, T. Ion-implanted photoresist and damage-free stripping 19693
Hirose, K. *see* Fujisaki, H. 21688
Hirose, K. *see* Kanai, H. 31890
Hirose, K. *see* Ohno, S. 29563
Hirose, K. *see* Shimada, H. 11025
Hirose, M., Yasaka, T., Hiroshima, M., Takakura, M., Miyazaki, S. Structural and electrical characterization of ultra-thin SiO_2 grown on hydrogen-terminated silicon surfaces [for VLSI] 34709
Hirose, M. *see* Akiyama, M. 47649
Hirose, M. *see* Aoki, T. 41415
Hirose, M. *see* Fujihira, C. 1827
Hirose, M. *see* Hashimoto, K. 39857
Hirose, M. *see* Hiroshima, M. 42577
Hirose, M. *see* Kitayoshi, H. 3905
Hirose, M. *see* Mine, T. 33111
Hirose, M. *see* Miyazaki, S. 870
Hirose, M. *see* Miyazaki, S. 19570
Hirose, M. *see* Morin, M. 19463
Hirose, N., Harada, Y., Sekine, M., Yoshimori, S., Kawamura, M. All-Nb thin film microbridge-type Josephson junction for submillimeter-wave detection 14980
Hirose, S. *see* Kanbe, N. 2736
Hirose, S. *see* Tokiwa, Y. 39576
Hirose, S. *see* Tokuyama, M. 35236
Hirose, T. *see* Machata, K. 31624
Hirose, T. *see* Ramsay, B. 32104
Hirose, T. *see* Whitman, J.W.E. 32105
Hiroshige, K. *see* Fukushima, K. 45071
Hiroshima, H., Komuro, M. Characteristics of SiO_2 as a high-resolution electron beam resist 27835
Hiroshima, M., Yasaka, T., Miyazaki, S., Hirose, M. Electron tunneling through ultrathin gate oxide formed on hydrogen-terminated Si(100) surfaces 42577
Hiroshima, M. *see* Hirose, M. 34709
Hirota, J. *see* Murakami, K. 19232
Hirota, K. *see* Nakamura, K. 2772
Hirota, K. *see* Suzuki, Y. 43237
Hirota, M. *see* Koori, N. 15657
Hirota, O. *see* Sasaki, T. 30705
Hirota, T., Siraiwa, T., Hiramoto, K., Ishihara, M. Development of micro-coil sensor for measuring magnetic field leakage 6373
Hirota, T. *see* Liu, Y. 1461
Hirota, T. *see* Minakawa, A. 19131
Hirota, T. *see* Nakajima, K. 27873
Hirota, Y. Effects of dissolved oxygen in a deionized water treatment of GaAs surface 34786
Hirotsu, K. *see* Hara, T. 16319
Hirotsuji, J., Ikeda, A., Nakayama, S. Advanced water and wastewater treatment technologies for environmental pollution control 9064
Hirotsuka, I. *see* Tsuboi, K. 8366
Hiroyama, R. *see* Hamada, H. 12172
Hirsch, A.S. *see* Hanger, J.A. 31668
Hirsch, H., Peier, D., Stietzel, U. Magneto-optic current sensor using a double twist fibre 38542
Hirsch, K. *see* Schunke, B. 14867
Hirsch, M., Kittel, A., Flatgen, G., Huebener, R.P., Parisi, J. Characteristic time scales determining current filamentation in p-germanium 34501
Hirsch, M. *see* Karin, J. 39058
Hirschenhofer, J. *see* Sherick, J. 25308
Hirschenhofer, J.H. Fuel cell technology status 25672
Hirschenhofer, J.H. Status of fuel cell commercialization efforts 33016
Hirschenhofer, J.H. *see* Owens, W.R. 25309
Hirschfeld, J.W.P., Tsfasman, M.A., Vladut, S.G. The weight hierarchy of higher dimensional Hermitian codes 44724
Hirschfeld, R.A., Liao, T.W., Keys, L.K. Mechatronics education developments in the United States: the perspective from Louisiana State University 40840
Hirschfield, J.L., Ganguly, A.K. A gyroresonance harmonic converter to drive NLC, the Next Linear Collider 1785
Hirsh, I. *see* Axenborg, J.E. 7420
Hirsh, J., Savant, G., Jannson, T., Caulfield, H.J. Multilayer 3-D memory based on a vectorial organic recording medium 20248
Hirst, E. Effects of utility demand-side management programs on uncertainty 47444
Hirst, E., Blank, E. Quantifying regulatory disincentives to utility DSM programs 7814
Hirst, G.J. *see* Shaw, M.J. 3423
Hirst, J.L. Embeddings of countable closed sets and reverse mathematics 9413
Hirt, W. *see* Gfeller, F.R. 45977
Hirtenfelder, F. *see* Brauer, J.R. 44272
Hirth, A. *see* Lutz, Y. 35726
Hirtz, G., Bader, B., Maier, M., Tenconi, B., Kraus, U.E. Symmetrical deflection for future IDTV/HDTV receivers 6228
Hirtz, J.P. *see* Garcia, J.Ch. 747
Hirtz, J.P. *see* Maurel, P. 20914
Hirtz, P. *see* Maricot, S. 5952
Hiruma, K., Yazawa, M., Haraguchi, K., Ogawa, K., Katsuyama, T., Koguchi, M., Kakibayashi, H. GaAs free-standing quantum-size wires 18150
Hiruma, K. *see* Kasi Viswanath, A. 26458

Hiruma, K. *see* Matsumoto, H. 19831
Hiruma, K. *see* Yazawa, M. 18158
Hiruma, N., Fukuda, T. Accommodation response to binocular stereoscopic TV images and their viewing conditions 38950
Hiruta, T. *see* Umemoto, T. 23276
Hiruta, Y., Hirano, N., Yamaji, Y., Mukai, M., Motoyama, Y., Homma, R., Ohno, J., Sudo, T. An 820 pin PGA for ultralarge-scale BiCMOS devices 43135
Hirvela, G. *see* Tripp, V. 44565
Hirvonen, K. *see* Hasan, J. 15847
Hirzinger, G. Multisensory shared autonomy and tele-sensor programming — key issues in space robotics 22500
Hisakawa, K., Hayashi, K. Renewal of aged thermal power plant 25213
Hisaki, Y. Estimation of wave parameters and observation of two-dimensional current velocities by HF ocean radar 47283
Hisamatsu, T. *see* Katsu, T. 24442
Hisamizu, Y. *see* Mochinaga, Y. 17523
Hisamizu, Y. *see* Mochinaga, Y. 17538
Hisamori, Y. *see* Kawajiri, K. 23583
Hisanaga, K., Omi, S., Kohya, K., Shinoda, I., Kobukata, F., Ina, H., Umezu, M., Ikeda, K., Sumi, A., Kurihara, A. Down sizing of APEX7400/7700 power supply 14346
Hisano, S. *see* Mangelsdorf, C. 27021
Hisano, T. Multi-hierarchical object representation for design problem solving 947
Hisata, H. *see* Mochizuki, K. 35335
Hisatake, Y. *see* Hatoh, H. 15132
Hisatake, Y. *see* Hirata, J. 31356
Hisatani, M. *see* Inami, S. 2860
Hisatsune, M. *see* Kojima, M. 31473
Hisatune, M. *see* Kitajima, H. 15203
Hisatune, M. *see* Kitajima, H. 38466
Hisatune, M. *see* Kojima, M. 14986
Hishida, Y. *see* Gotoh, Y. 19292
Hishii, M. *see* Nagai, H. 43715
Hishii, T. *see* Hamada, H. 41890
Hishii, T. *see* Hamada, H. 41891
Hishikawa, Y., Sasaki, M., Tsuge, S., Okamoto, S., Tsuda, S. Material control for high-efficiency amorphous silicon solar cells 33057
Hishikawa, Y. *see* Hatakoshi, G. 20867
Hishikawa, Y. *see* Isomura, M. 40463
Hishikawa, Y. *see* Maruyama, E. 33052
Hishikawa, Y. *see* Tsuda, S. 33064
Hishimaki, H. *see* Tsujihashi, Y. 41853
Hishinuma, C. *see* Iizuka, H. 37311
Hishinuma, M. *see* Hikita, T. 17275
Hishinuma, Y. *see* Fukushima, T. 47284
Hiskens, I.A. *see* Hill, D.J. 39470
Hisleur, J.M. *see* Antoine, C.Z. 11526
Histand, M.B. *see* Pope, N.G. 16087
Hitachi, A., LaVerne, J.A., Kolata, J.J., Doke, T. Energy resolution of allene doped liquid argon detectors for ions of energy 23-34 MeV/amu 38882
Hitachi, A., Yunoki, A., Doke, T., Takahashi, T. Photoionization in liquid Ar doped with allene for high LET particles 7238
Hitchcock, N.A. Hands-free data collection blazes new trail at Pioneer 29550
Hitchcox, A. Understanding transducer durability 14960
Hitchens, G.D. *see* Murphy, O.J. 33013
Hitchens, W.R., Krusell, W.C., Dobkin, D.M. Tantalum oxide thin films for dielectric applications by low-pressure chemical vapor deposition physical and electrical properties 845
Hitchens, W.R., Krusell, W.C., Dobkin, D.M. Physical and electrical properties of tantalum oxide thin films deposited by low pressure chemical vapor deposition 9795
Hitlin, D.G. *see* Eigen, G. 7170
Hitney, H.V. A practical tropospheric scatter model using the parabolic equation 4109
Hitosugi, M. *see* Nii, M. 17889
Hitosugi, M. *see* Okada, T. 346
Hitschfeld, N., Conti, P., Fichtner, W. Mixed element trees: a generalization of modified octrees for the generation of meshes for the simulation of complex 3-D semiconductor device structures 28063
Hitschfeld, N. *see* Fichtner, W. 2639
Hitt, E.F. F-16A/B improved REO display set modular architecture 39196
Hitt, E.F. Retrofit of flat panel color displays in the F-16A/B 39205
Hitt, E.F., Rea, F.G., Stauffer, T. Flight assessment of 3 flat panel display technologies for CRT replacement 39296
Hitz, D. *see* Melin, G. 15579
Hitz, M., Mueck, T. Routing heuristics for Cayley graph topologies 33807
Hiu Kong Leung *see* Leung Hiu Kong
Hiue, H. *see* Koizumi, N. 20227
Hiue, H. *see* Tsuji, H. 28422
Hiura, A. *see* Tanaka, Y. 11468
Hivert, B. *see* Hauden, D. 46419
Hivnor, T. *see* Walker, E.L. 36799
Hiyahara, H. *see* Oie, Y. 45642
Hiyama, S. *see* Higuchi, K. 29054
Hiyama, T. Application of neural network to real time tuning of fuzzy logic PSS 16251
Hiyama, T., Fujiki, T. Fuzzy logic power system stabilizer using PID information of generator speed 39546
Hiyama, T., Oniki, S., Nagashima, H. Experimental studies on micro-computer based fuzzy logic power system stabilizer 24775
Hiyama, T. *see* Lim, C.M. 7834
Hiyama, T. *see* Tsuji, H. 28422
Hiyamizu, S. *see* Liu, Y. 19372
Hiyamizu, S. *see* Shimomura, S. 9619
Hiyamizu, S. *see* Shimomura, S. 41347
Hizlan, M. *see* Collins, O.M. 36564
Hjalmarson, H.P., Zutavern, F.J., Loubriel, G.M., Buttram, M.T., Baca, A.G., Romero, L.A. A thermal ionization model for the sustaining phase of lock-on in GaAs [switches] 28629
Hjalmarson, H.P. *see* Wolford, D.J. 34583
Hjalmarson, L. *see* Froemming, J. 25227
Hjalmarsson, G. *see* O'Brien, M.T. 47465
Hjartarson, J. *see* Ellis, D. 14322
Hjelme, D.R., Yadlowsky, M.J., Mickelson, A.R. Two-dimensional mapping of the microwave potential on MMICs using electrooptic sampling 19125
Hjelme, D.R. *see* Radisic, V. 21347
Hjelme, D.R. *see* Shao Yang 11603
Hjelme, D.R. *see* Surette, M.R. 21437
Hjelt, K.T., Sopanen, M.A., Lipsanen, H.K., Tuomi, T.O., Hasenohrl, S. Praseodymium dioxide doping of $In_{1-x}Ga_xAs_yP_{1-y}$ epilayer grown with liquid phase epitaxy 9589
Hjipieris, G. *see* Potter, C.M. 6303
Hjipieris, G. *see* Potter, C.M. 31400
Hjort, K. *see* Soderkvist, J. 20041
Hjortsberg, A. *see* Ming, L. 11347
Hjuler, H.A. *see* Knutz, B.C. 25636
Hjuler, H.A. *see* Knutz, B.C. 25637
Hlasnik, I.M. *see* Voloshin, I.F. 20225
Hlavac, M.J., Feder, D.O. Field application of conductance measurements used to ascertain cell/battery and inter-cell connection state-of-health in electric power utility applications 32995
Hlavac, M.J. *see* Feder, D.O. 17228
Hlavac, M.J. *see* Feder, D.O. 40418
Hlavacek, J. The use of power system telecontrol (HDO) at the East Bohemian Power Utility 32334
Hlawatsch, F., Edelson, G.S. The ambiguity function of a linear signal space and its application to maximum-likelihood range/Doppler estimation 14686
Hlawatsch, F., Urbanke, R.L. Bilinear time-frequency representations of signals: the shift-scale invariant class 44994
Hlawatsch, F. *see* Kozek, W. 13326
Hlawatsch, F. *see* Papandreou, A. 13304
Hlawatsch, F. *see* Papandreou, A. 44973
Hlawiczka, A. *D* or *T* flip-flop based linear registers 10117
Hlidek, P., Belas, E., Franc, J., Koubele, V. Photovoltaic spectra of HgCdTe diodes fabricated by ion beam milling 20523
Hlina, J. The role of various energy transport mechanisms in an interrupted mercury arc 34466
Hlou, L. *see* Vaissier, J.C. 10652
Hlubek, W. Current problems in power plant technology 39687
Hluchyj, M.G. *see* Yates, D. 30164
Hlushko, A. *see* Leslie, D. 47415
Hlynka, M., Wang, T. Comments on duality of queues with finite buffer size 17996
Hlynka, M. *see* Khasnabish, B. 5222
Hnatek, E.R. ISO 9000 in the semiconductor industry 33421
Hnatowicz, V. *see* Popok, V. 34683
Ho, C. *see* Roebuck, R. 340
Ho, C. *see* Yu, D. 4971
Ho, C.-H., Fan, L., Chang, K. A broad-band uniplanar slotline hybrid ring coupler with over one octave bandwidth 1408
Ho, C.-H., Fan, L., Chang, K. Slot-coupled double-sided microstrip interconnects and couplers 1486
Ho, C.-H., Fan, L., Chang, K. Experimental investigations of CPW-slotline transitions for uniplanar microwave integrated circuits 1631
Ho, C.-H. *see* Kwark, B. 35968
Ho, C.-M. *see* Pieper, R.J. 46339
Ho, C.-Y. *see* Ding, C.-L. 18406
Ho, C.-Y. *see* Ueda, T. 1368
Ho, C.S., Liou, J.J., Georgiopoulos, M., Heileman, G.L., Christodoulou, C. Analog circuit design and implementation of an adaptive resonance theory (ART) neural network architecture 27111
Ho, C.S., Liou, J.J., Georgiopoulos, M., Heileman, G.L., Christodoulou, C. Analogue circuit design and implementation of an adaptive resonance theory (ART) neural network architecture 34200
Ho, C.S. *see* Liou, J.J. 19783
Ho, C.W., Deshpande, U.A. A low cost multichip module-D technology 9308
Ho, D.D.-M., Crandall, K.R., Haber, I. Achromatism in final focusing systems for high-current heavy-ion beams 15480
Ho, D.D.-M. *see* Crandall, K.R. 15474
Ho, E., Coronado, C.A., Kolodziejski, L.A. Photo-assisted chemical beam epitaxy of II-VI semiconductors 9669
Ho, E. *see* Coronado, C.A. 41337
Ho, E.T.C., Shek, G.K., Vanderglas, M.L., Leger, M. Development of fatigue failure criteria for Darlington fuel bundle endplates 8081
Ho, F.C. *see* Rung-Ywan Tsai 18268
Ho, J. Elevator/escalator trends in Southeast Asia 33109
Ho, K.-C., Chieu, B.-C. Image recognition using a neural network 4890
Ho, K.C., Chan, Y.T. Solution and performance analysis of geolocation by TDOA 22933
Ho, K.C., Vrudhula, S.B.K. A new algorithm for two dimensional multiple folding 19940
Ho, K.K. *see* Jia, Q.X. 10539
Ho, K.K.Y. *see* Bursh, T.P., Jr. 22856
Ho, K.L. *see* Chan, S.C. 14849
Ho, K.L. *see* Chan, S.C. 26991
Ho, K.P., Walker, J.D., Kahn, J.M. External optical feedback effects on intensity noise of vertical-cavity surface-emitting lasers 20789
Ho, M.C. *see* Asbeck, P.M. 11152
Ho, P., Kao, M.Y., Chao, P.C., Duh, K.H.G., Smith, P.M., Martin, P.A., Liu, S.M.J., Hwang, K.C., Ballingall, J.M., Yu, T., Swanson, A.W. Materials and device characteristics of InAlAs/InGaAs HEMTs 11242
Ho, P. *see* Ballingall, J.M. 33604
Ho, P. *see* Gupta, S. 38488
Ho, P. *see* Wang, Y.H. 38485
Ho, P. *see* Wu, J. 36549
Ho, P.-T. *see* Funk, E.E. 28640
Ho, P.K., Cavers, J.K., Varaldi, J.L. The effects of constellation density on trellis-coded modulation in fading channels 4367
Ho, P.P. *see* Kalpaxis, L.L. 4813
Ho, P.S. *see* Anderson, S.G.H. 19666
Ho, P.S. *see* Hu, C.-K. 34822
Ho, P.S. *see* Moske, M.A. 2229
Ho, P.S. *see* Moske, M.A. 2230
Ho, P.S. *see* Rodbell, K.P. *(editor)* 33206
Ho, S.-S. *see* Liu, J.-C. 4143
Ho, S.L., Chan, W.L., Leung, H.W. Application of statistical signal processing for condition monitoring of rotor faults in induction motor 8386
Ho, S.T. *see* Chu, D.Y. 43913
Ho, T., Pande, K., Phelleps, F., Singer, J., Rice, P., Adair, J., Ghahremani, M. A 0.6-watt *U*-band monolithic MESFET power amplifier 1582
Ho, T. *see* Chen, S. 42222
Ho, T.-T. A density-based greedy router 931
Ho, W. *see* Germer, T.A. 15650
Ho, W.-J., Wu, M.-C., Lin, Y.M., Tu, Y.-K. InGaAs pin photodiodes grown by liquid-phase epitaxy using erbium gettering 28614
Ho, W.J., Chang, M.F., Sailer, A., Zampardi, P., Deakin, D., McDermott, B., Pierson, R., Higgins, J.A. GaInP/GaAs HBT's for high-speed integrated circuit applications 28255
Ho, W.J., Chang, M.F., Sailer, A., Zampardi, P., Deakin, D., McDermott, B., Pierson, R., Higgins, J.A., Waldrop, J. GaInP/GaAs HBTs for high-speed integrated circuit applications 43090
Ho, Z.Z. *see* Chen, R.T. 43778
Ho, Z.Z. *see* Savant, G. 20246
Ho Bin Im *see* Dong Seop Kim 33043
Ho Bong *see* Bong Ho
Ho Chen Wen *see* Wen Ho Chen
Ho Chia-Lu *see* Chia-Lu Ho
Ho Chien-Hsun *see* Chien-Hsun Ho
Ho Choi Byung *see* Byung Ho Choi
Ho Chuanching *see* Chuanching Ho
Ho Chung Lui *see* Chung-Chih Chen 13750
Ho Chwen-Shell *see* Chwen-Shell Ho
Ho Fang Chuan *see* Fang Chuan Ho
Ho Ha Deock *see* Deock Ho Ha
Ho Hwang Seung *see* Seung Ho Hwang
Ho Hyung Suh *see* Chong Hoon Kwak 35973
Ho In-chyuan *see* In-chyuan Ho
Ho Jang-Cheng *see* Jang-Cheng Ho
Ho Jiunn Yueh *see* Jiunn Yueh Ho
Ho Jun Ki *see* Ki Ho Jun
Ho Jung Hwang *see* Young Jin Song 2604
Ho Ka-Leung *see* Ka-Leung Ho
Ho Kang Yong *see* Yong Ho Kang
Ho Keang-Po *see* Keang-Po Ho
Ho Kim Kwang *see* Kwang Ho Kim
Ho Ko-Tai *see* Ko-Tai Ho
Ho Kwon Kwang *see* Kwang Ho Kwon
Ho Lee Jong *see* Jong Ho Lee
Ho Lee Joong *see* Joong Ho Lee
Ho Lee Sang *see* Sang Ho Lee
Ho Lee Seung *see* Seung Ho Lee
Ho Lee Yong *see* Yong Ho Lee
Ho Moon In *see* In Ho Moon
Ho Nai Choon *see* Krishnan, S.M. 24205
Ho Park Hyung *see* Hyung Ho Park
Ho Park Kyo *see* Kyo Ho Park
Ho Park Kyu *see* Kyu Ho Park
Ho Park Tae *see* Tae Ho Park
Ho Pin *see* Pin Ho
Ho Seng-Tiong *see* Seng-Tiong Ho
Ho Shin Dong *see* Dong Ho Shin
Ho Shinn-Ying *see* Shinn-Ying Ho
Ho Song Jae *see* Jae Ho Song
Ho Sung Kim *see* Dong Su Seong 22261
Ho Tai-Shung *see* Tai-Shung Ho

Ho Tsan-Kuang *see* Tsan-Kuang Ho
Ho Whang Ick *see* Ick Ho Whang
Ho Woei-Yun *see* Woei-Yun Ho
Ho Yang Kyeong *see* Kyeong Ho Yang
Ho Ying-Wai *see* Ying-Wai Ho
Ho Yo-Sung *see* Yo-Sung Ho
Ho Yong Kim *see* Seung Jae Lee 16310
Ho Yu-Kun *see* Yu-Kun Ho
Ho Yui Kaye *see* Yui Kaye Ho
Ho-Kyu Kang *see* Cho, J.S.H. 19639
Ho-Shin Chang *see* Thompson, M.W. 44862
Ho-Won Jung, Marsten, R.E., Saltzman, M.J. Numerical factorization methods for interior point algorithms 41098
Ho-Young Kang, Cheol-Hong Kim, Woo-Sung Han, Young-Bum Koh, Moon-Yong Lee A new method of tilted illumination using grating mask: ATOM (advanced tilted illumination on mask) 2279
Ho-Young Kang *see* Woo-Sung Han 11074
Hoa Vu, Agee, J.C. Comparison of power system stabilizers for damping local mode oscillations 24596
Hoadley, C. *see* Prasad, V.B. 18750
Hoag, H. *see* Ruth, R.D. 46776
Hoang, D.B. *see* Liu, Y. 22357
Hoang, H.H. *see* Le, T.T. 20011
Hoang, H.H. *see* May, J.S. 17976
Hoang, K.T.D. *see* Sobolenko, N.A. 25093
Hoang, K.V. *see* Desai, N.R. 20574
Hoang, L., Nielsen, P., Bergemont, A., Kablanian, A., Irani, R., Kazerounian, R., Eitan, B., Salter, R., III, Breinholt, W., Wolstenholme, G., Anderson, L., Shacham, E., Haggag, H., Wenzbauer, D., Diroll, J., Beckett, J., Randolph, M., Barrell, J., Pearce, S. A 65ns 1Mb CMOS alternate metal virtual ground EPROM with dual reference sensing scheme and word line voltage regulator 18712
Hoang-The-Giam *see* Malec, D. 28297
Hoarau, C., Perrot, C., Chiron, B., Sivade, A., Bourret, D. ORMOSIL coatings for POF 3051
Hoare, F., de Jager, G. Neural networks for extracting features of objects in images as a preprocessing stage to pattern classification 13836
Hoare, R.D., Pemble, M.E., Povey, I.M., Williams, J.O., Foster, D.F., Glidewell, C., Cole-Hamilton, D.J. The use of hex-5-enylarsine as a chemically designed precursor to probe the mechanisms of the metalorganic vapour phase epitaxy growth of gallium arsenide; consequences for reactor design 41373
Hoare, R.D. *see* Pemble, M.E. 26436
Hoare, R.J. *see* Chupp, T.E. 43703
Hoareau, A. *see* Roux, J.F. 33722
Hoath, P. Crosstalk in high performance backplanes 1749
Hoban, P.T., Rahimo, M., Shammas, N.Y.A. Electrical transients of snubber diodes in GTO circuits 1060
Hobart, S.A., Payne, S.E. Reconstructing a generalized quadrangle from its distance two association scheme 530
Hobbfeld, J. *see* Schmitzer, H. 12470
Hobbs, B.F., Gamponia, V., Wilson, A.F. Optimal expansion of energy efficiency programs 47398
Hobbs, B.F., Rouse, H.B., Hoog, D.T. Measuring the economic value of demand-side and supply resources in integrated resource planning models 24850
Hobbs, B.F., Wilson, A.F. Applications of most value integrated resource planning 32322
Hobbs, B.F. *see* Hoog, D.T. 7815
Hobbs, D. *see* Morgan, G.J. 34536
Hobbs, J. *see* Hutchison, S.B. 20719
Hobbs, J.R. Performance peaks when detectors stay cool 23584
Hobbs, P.D. *see* Sturtevant, J.L. 2292
Hobbs, R.H. *see* Brackett, C.A. 6056
Hobbs, R.H. *see* Smith, D.A. 28537
Hobbs, S.L. *see* Allen, J.C. 29612
Hoberg, H. *see* Jacob, J. 15458
Hoberg, W. *see* Bowick, J.W. 45429
Hobson, C.A. *see* Kshirsagar, S.P. 22098
Hobson, C.A. *see* Kshirsagar, S.P. 34105
Hobson, C.A. *see* Search, D.J. 26218
Hobson, J.P., Welch, K.M. Time-dependent helium and hydrogen pressure profiles in a long, cryogenically cooled tube, pumped at periodic intervals 6898
Hobson, L. *see* Hadjivassilev, S. 32916
Hobson, L. *see* Hadjivassilev, S.T. 17054
Hobson, W.S. Carbon doping of GaAs by OMVPE using CCl_4: a comparison of gallium and arsenic precursors 2093
Hobson, W.S. Epitaxial growth, fabrication and performance of InGaAs strained quantum well laser structures 20913
Hobson, W.S. The role of hydrogen in the growth of III-V compound semiconductors by OMVPE 41392
Hobson, W.S., Geva, M. Alternative group V precursors for the growth of Al-based III-V epitaxial layers by OMVPE 41388
Hobson, W.S., Mohideen, U., Pearton, S.J., Slusher, R.E., Ren, F. SiN_x/sulphide passivated GaAs-AlGaAs microdisk lasers 20771
Hobson, W.S., Pearton, S.J., Ren, F., Chu, S.N.G., Bylsma, R., Elliman, R.G. Fully planar ion-implanted 0.98 μm strained quantum well laser 20915
Hobson, W.S., Zussman, A., De Jong, J., Levine, B.F. P-type quantum well infrared photodetectors grown by OMVPE 6506
Hobson, W.S. *see* Gregus, J.A. 10914
Hobson, W.S. *see* Lothian, J.R. 19621
Hobson, W.S. *see* Mohideen, U. 43899
Hobson, W.S. *see* Nichols, D.T. 12144
Hobson, W.S. *see* Nichols, D.T. 43689
Hobson, W.S. *see* Pearton, S.J. 2043
Hobson, W.S. *see* Pearton, S.J. 2095
Hobson, W.S. *see* Pearton, S.J. 19520
Hobson, W.S. *see* Pearton, S.J. 27540
Hobson, W.S. *see* Pearton, S.J. 34777
Hobson, W.S. *see* Pearton, S.J. 42738
Hobson, W.S. *see* Pearton, S.J. 42835
Hobson, W.S. *see* Pearton, S.J. 43023
Hobson, W.S. *see* Ren, F. 1932
Hobson, W.S. *see* Ren, F. 11241
Hobson, W.S. *see* Ren, F. 42805
Hobson, W.S. *see* Stavola, M. 2195
Hochberg, A.K. *see* Norman, J.A.T. 41483
Hochhauser, E., Balk, O.A., Schneider, H., Arnold, W. The significance of the lifetime and collection time of free electrons for the recombination correction in the ionometric dosimetry of pulsed radiation 38883
Hochi, H. *see* Takami, A. 8121
Hochmair, E.S. *see* Zierhofer, C.M. 29548
Hochmair, E.S. *see* Zierhofer, C.M. 29549
Hochman, P. *see* Lehm, J. 32842
Hochst, H. *see* Melendez-Lira, M. 41269
Hochstein, M.P., Sudarman, S. Geothermal resources of Sumatra 39711
Hochwald, B., Nehorai, A. Minimum bias priors for estimating additive terms in state-space models 29604
Hochwart, E. *see* Donat, H. 41002
Hock, F. *see* Czarske, J. 6812
Hock Khoo *see* Khoo Hock
Hock Yeo Swee *see* Yeo Swee Hock
Hockenhull, H. *see* Parsons, J.D. 41310
Hockett, R. *see* Jacobson, D.C. 34750
Hockett, R.S. TXRF for surface contamination defect control 2180
Hocking, W.K. *see* Murphy, D.J. 7593
Hockings, P. *see* Wilson, S.J. 7332
Hockley, D. *see* Gupta, M.M. 1369
Hodaie, P., Storoshchuk, O.L., Van Der Jagt, L., Martin, G.J., Maslied, M.A., Szabados, B. Propagation measurements at a G.M. manufacturing plant for wireless LAN communication 36185
Hodby, J.W. *see* Lai, H.C. 33725
Hode, J.-M. *see* Ventura, P. 2762
Hodel, W. *see* Schutz, J. 43420
Hodel, W. *see* Schutz, J. 44133
Hodes, G. Quantized nanocrystalline photoelectrodes: a review 48043
Hodgart, M.S., Schoonees, J.A. A robust MSK demodulator through DSP 12830
Hodge, E. *see* Ishizaki, K. *(editor)* 26021
Hodge, K.G., Pegge, C.S., Glaesemann, G.S., Hopiavuori, M. Predicting the lifetime of optical fibre cables using applied stress histories and reliability models 5876
Hodge, K.G., Vinson, J.R., Haigh, N.R., Knight, I.G. Reliability of optical fibres : impact on cable design 38054
Hodge, P.A. *see* Unterweger, M.P. 38840
Hodge, W., Mabon, S., Powers, J.T., Jr. Video on demand: architecture, systems, and applications 6236
Hodges, C.J. *see* Knight, D.J.E. 6295
Hodges, C.R., Hull, J., Strandberg, J., Hagel, J., Thiede, H., Karlsson, A. Large panel format multichip module substrates 334
Hodges, G.L. *see* Davis, G.W. 25891
Hodges, P. VICAL—a video calibration system using a standard picture monitor 23348
Hodges, S.E., Gadomski, W., Raymer, M.G. Observation of Kastler ring emission from a short-cavity laser 12275
Hodges, S.E., Munroe, M., Cooper, J., Raymer, M.G. Compound-cavity laser modes for arbitrary interface reflectivity 3702
Hodges, S.E. *see* Munroe, M. 28900
Hodgkiss, W.S. *see* Chen, G.C. 4663
Hodgkiss, W.S. *see* Tran, J.-M.Q.D. 14719
Hodgkiss, W.S., Jr. *see* Cornuelle, B.D. 7624
Hodgson, E.M., Boardman, A.D., Wilson, A., Hua, Y. High bandwidth optical fiber current sensor 20297
Hodgson, N., Bostanjoglo, G., Weber, H. Multirod unstable resonators for high-power solid-state lasers 12274
Hodgson, N., Dong, S., Lu, Q. Performance of a 2.3-kW Nd:YAG slab laser system 3493
Hodgson, N., Golding, D.J. High power 1.444μm Nd:YAG laser and its medical applications 15717
Hodgson, N., Weber, H. Influence of spherical aberration of the active medium on the performance of Nd:YAG lasers 28776
Hodisan, A., Sover, B. Digital phase shifters serve as frequency translators 10449
Hodiwalla, N. *see* Rose, J.L. 7403
Hodkinson, R. The hybrid-electric solution 48180
Hodkinson, R.L. 45 kW integrated vehicle drive 48274
Hodson, K. *see* Spracklen, C.T. 5856
Hodson, K. *see* Spracklen, C.T. 22924
Hodulikova, A. *see* Kapas, M. 6410
Hoe, J.M.De *see* De Hoe, J.M.
Hoebel, L.J. *see* Ruberti, R.N. 32151
Hoebener, K.G. *see* Ries, M.D. 34386
Hoecke, J.Van *see* Van Hoecke, J.
Hoefer, C.S. *see* St Pierre, R.J. 20712
Hoefer, W.J.R. Microwave engineering education in Canada 17751
Hoefer, W.J.R. Microwave analysis and design with TLM techniques 27202
Hoefer, W.J.R. Progress in TLM modeling of time discrete fields at conductor strips, edges and corners 44489
Hoefer, W.J.R. *see* Eswarappa, C. 1632
Hoefer, W.J.R. *see* Eswarappa, C. 4195
Hoefer, W.J.R. *see* Eswarappa, C. 29306
Hoefer, W.J.R. *see* Mueller, U. 4171
Hoefer, W.J.R. *see* Nielsen, J.S. 9927
Hoefer, W.J.R. *see* Nielsen, J.S. 21157
Hoefer, W.J.R. *see* Righi, M. 4191
Hoefer, W.J.R. *see* So, P.P.M. 4196
Hoefer, W.J.R. *see* So, P.P.M. 27198
Hoefer, W.J.R. *see* So, P.P.M. 44486
Hoefer, W.J.R. *see* Zhang, Q. 42129
Hoefer, W.J.R. *see* Zhizhang Ghen 36104
Hoeffelman, J., Janvier, M., Nicolas, A., Leonard, D. Transmission of indications and fault detectors on the MV network 24924
Hoeffer, W.J.R. *see* Menzel, W. 44519
Hoefflinger, B. *see* Roos, G. 10098
Hoeflich, J. *see* Oxoby, G. 6999
Hoeft, L.O., Estes, J.C. Surface transfer impedance of foil cable shields that use a drain wire 44445
Hoeft, L.O., Hofstra, J.S., Pett, A. DB-25 subminiature connector shielding 27349
Hoegen, M.Horn-von *see* Horn-von Hoegen, M.
Hoegy, W.R. *see* Anderson, P.C. 47269
Hoehn, A.J. *see* Southwick, R. 36391
Hoehn, J., Jr. *see* Motowidlo, L. 32436
Hoeijmakers, M.J., van Duijsen, P.J. Three-phase equivalent circuits for network simulation of induction machines 8418
Hoek, L.van der *see* van der Hoek, L.
Hoek van Dyke, G.A. *see* Goossens, R.H.M. 24144
Hoeks, W.L.M. The dynamic behavior of parallel thinning algorithms 13643
Hoeksema, F., Ter Horst, R., Heideman, G., Tattje, H. Evaluation of a H.261 video codec in an ATM network using a Gaussian model 14785
Hoeksma, R.H. *see* van Geest, D.C.L. 35059
Hoekstra, H.J.W.M., van't Spijker, J.C., Koerkamp, H.M.M.K. Ray picture for prism-film coupling 3102
Hoekstra, R.J. *see* Ventzek, P.L.G. 42674
Hoekstra, T.H., Lambeck, P.V., Popma, T.J.A. Properties and prospects of sputtered Er:Y_2O_3 integrated optical waveguides 28500
Hoekstra, T.H., Offrein, B.J., Lambeck, P.V., Popma, T.J.A. Nonlinear refractive index of erbium-doped Y_2O_3 integrated-optical waveguides 3124
Hoekstra, T.H., van Weerden, H.J., Lambeck, P.V., Popma, T.J.A. Bent asymmetric Y-branch integrated optical broadband wavelength multi/demultiplexer 38078
Hoeltzener-Douarin, B. *see* Bonnin, P. 22099
Hoen, K. *see* Heeman-Ilieva, M.B. 28727
Hoen, K. *see* Heeman-Ilieva, M.B. 3418
Hoen, S., Mamin, H.J., Rugar, D. Thermomechanical data storage using a fiber optic stylus 20280
Hoenders, B.J. *see* Berkhoff, A.P. 21874
Hoene, E.-L. Gas-filled surge arresters: optimum protection for telecom installations 39637
Hoenig, H.E. *see* Schneider, S. 31880
Hoenow, H. *see* Kunzel, H. 18187
Hoerstel, W. *see* Jaeger, A. 19875
Hoesel, R.J.M.van *see* van Hoesel, R.J.M.
Hoesel, S.Van *see* Van Hoesel, S.
Hoesler, W. *see* Bruchhaus, R. 9692
Hoess, A., Ermert, H. Adaptive Wiener filtering for B-mode image improvement 15712
Hof, A.L., Bonga, G.J.J., Swarte, F.G.J., de Pater, L. Modular PPM telemetry system with radio, infra-red and inductive loop transmission [EMG application] 47072
Hofbauer, F. *see* Hadrian, W. 7972
Hofer, A. *see* Treimer, W. 47002
Hofer, B. *see* Reichel, V. 35546
Hofer, C.P. *see* Clark, N. 15710
Hofer, H. *see* Stock, K.D. 23375
Hofer, K. Redundant drive control by observers 17458
Hofer, K. Linear drives for electric automobiles 17560
Hofer, K. Non-contact electric drive for road vehicles 48273
Hofer, M. *see* Ober, M.H. 3484
Hofer, P. *see* Turtschi, U. 32006
Hoff, J. *see* Yarema, R.J. 18546
Hoff, L. *see* Holm, S. 38988
Hoff, M. Instability of power factor corrected power supplies with various AC sources 47965

Hoff, P. *see* Leijon, M.A.S. 48036
Hoff, P.E. *see* Nordin, R.S.B. 8680
Hoffa, R. *see* Vemuri, R. 17910
Hoffart, M. *see* Delage, P. 6011
Hoffart, M. *see* Jostan, J.L. 2978
Hoffert, E. *see* Hoffert, P. 37225
Hoffert, M. *see* Hoffert, P. 37225
Hoffert, P., Hoffert, E., Hoffert, M. The effect of multimedia telecommunications on the global environment 37225
Hoffman, A. *see* Weiser, P.S. 861
Hoffman, C.A., Meyer, J.B., Youngdale, E.R., Bartoli, F.J., Miles, R.H. Interface roughness scattering in semiconducting and semimetallic InAs-$Ga_{1-x}In_xSb$ superlattices 10683
Hoffman, C.A., Meyer, J.R., Youngdale, E.R., Bartoli, F.J., Miles, R.H., Ram-Mohan, L.R. Electron transport in InAs/$Ga_{1-x}In_xSb$ superlattices 42516
Hoffman, C.A. *see* Eddy, C.R., Jr. 10920
Hoffman, D.J. *see* Baity, F.W. 44631
Hoffman, D.M. *see* Gordon, R.G. 863
Hoffman, E., Mannering, S., Schoner, S. Response time as a measure of compatibility for linear displays with rotary controls 15145
Hoffman, E.J. *see* Daghighian, F. 39000
Hoffman, E.J. *see* Dahlbom, M. 15735
Hoffman, E.J. *see* Guerrero, T.M. 15739
Hoffman, H.M., Irwin, A.E., Ligon, R.G. PathPics: an image-based instructional program used in the pathology and histology curriculum and transmitted over a wide area network 14243
Hoffman, J. The consumer electronics bus: an update 45524
Hoffman, J.C., Murphy, R.R. Comparison of Bayesian and Dempster-Shafer theory for sensing: a practitioner's approach 32113
Hoffman, J.W., Grush, R.C., Heppner, R.A. Multispectral power meter 23589
Hoffman, J.W., Hepper, R. High accuracy laser power meter 28953
Hoffman, J.W., Heppner, R. An ambient background transfer standard radiometer 23604
Hoffman, K. *see* Banerjee, A. 48113
Hoffman, L.L. A general approach for testing the process capability index 235
Hoffman, M. Electronic current awareness services at AT&T Bell Laboratories Library Network 45486
Hoffman, M. *see* Baechler, J. 46909
Hoffman, M.W. *see* Link, M.J. 24371
Hoffman, P. Hydrogen—the optimum chemical fuel 32536
Hoffman, P. *see* Bowman, P. 396
Hoffman, R. *see* Gore, J. 327
Hoffman, R.W. *see* Wilt, D.M. 735
Hoffman, S.A. *see* Blair, W.D. 29637
Hoffmann, A., Macq, B., Quisquater, J.-J. Future prospects of the cable TV networks: New technologies and new services 46230
Hoffmann, A., Valenza, M., Rigaud, D., Vandamme, L.K.J. Radiation effects on radiation hardened LDD CMOS transistors 19809
Hoffmann, A. *see* Valenza, M. 20018
Hoffmann, B. *see* Schoning, M.J. 6469
Hoffmann, D.H.H. *see* Boggasch, E. 7018
Hoffmann, D.H.H. *see* Boggasch, E. 15426
Hoffmann, D.H.H. *see* Braun, H. 7110
Hoffmann, D.H.H. *see* De Magistris, M. 31564
Hoffmann, D.H.H. *see* Spiller, P. 31572
Hoffmann, D.H.H. *see* Tauschwitz, A. 7017
Hoffmann, D.H.H. *see* Tauschwitz, A. 31573
Hoffmann, E., Rheinbaben, H.V., Trebess, R. 110 kV power line in compact construction 24992
Hoffmann, E., Schaufele, R. Insertion of a regulable storage pump in network regulation 32252
Hoffmann, E. *see* Hoge, D. 48340
Hoffmann, F., Kriegel, K. A graph coloring result and its consequences for some guarding problems 41075
Hoffmann, F., Springmeier, F. Reduction of machine current distortion using direct self control (DSC) for high-power three-level GTO-inverters 40171
Hoffmann, G.E. The future of office communication 22481
Hoffmann, H. *see* Ploessl, R. 20157
Hoffmann, K.R., Doi, K., Alperin, N. Automated analysis of cardiovascular images 24236
Hoffmann, M. Trends in the usage of information technology in the energy supply industry 24824
Hoffmann, M. *see* Bachler, J. 46915
Hoffmann, M. *see* Bachler, J. 46934
Hoffmann, N. *see* Griesche, J. 26453
Hoffmann, P., Assayag, G.B., Gierak, J., Hlicstein, J., Maar-Stumm, M., van den Bergh, H. Direct writing of gold nanostructures using a gold-cluster compound and a focused-ion beam 19697
Hoffmann, P., Schuberth, S., Geiger, M., Kozlik, C. Process optimizing adaptive optics for the beam delivery of high power CO_2 lasers 3750
Hoffmann, R. A new measuring method for interference- and earthing measurements eliminating disturbance voltages 46596
Hoffmann, R. *see* Fischer, K. 35465
Hoffmann, R. *see* Muller, J. 14925
Hoffmann, T., Muller, D., Vogt, C. Video compression techniques for multimedia communications 22422
Hoffmann, W. *see* Handschin, E. 47424
Hoffmann, W. *see* Schoning, M.J. 6469
Hoffmeyer, J.A. *see* Vogler, L.E. 21254
Hofker, U., Stammnitz, P., Talmi, M. VLSI encoder/decoder chip for digital HDTV recording 34091
Hofker, U. *see* Stammnitz, P. 38286
Hofle, W. Backscatter factor and scattering loss of spatially large defects in single-mode fibers 3054
Hofle, W., Tobben, H. Analysis, measurement and optimization of threshold power of 3.5 μm ZBLAN-glass fiber lasers 3544
Hofler, A. *see* Gulden, K.H. 33639
Hofler, A. *see* Kiesel, P. 35492
Hofler, G.E. *see* Guha, S. 10692
Hofler, G.E. *see* Haase, M.A. 3590
Hofler, G.E. *see* Haase, M.A. 28812
Hofler, G.E. *see* Richard, T.A. 28084
Hofler, G.E. *see* You, H.M. 27526
Hofler, H., Schmidtke, G. 3-D-contouring by an optical radar system 46104
Hofling, R., Aswendt, P. Interferometric studies on thermal expansion behaviour of carbon fibre-reinforced composites 6816
Hofman, W. Numerical calculation of temperature field for the case of simple convection model in autoclave 18116
Hofmann, A. Coherent beam instabilities 31596
Hofmann, A. *see* Brandt, D. 15370
Hofmann, A. *see* Burkhardt, H. 7039
Hofmann, D. Intelligent measurements—new solutions for old problems 46309
Hofmann, D. *see* Jacobs, R. 39774
Hofmann, D. *see* Saliba, T.E. 38698
Hofmann, H.R. An American corporate perspective on EMC—the good news and the bad news 44453
Hofmann, I. Advanced driver concept and relevant machine experiments at GSI 23985
Hofmann, I., Beckert, K., Eickhoff, H., Franzke, B., Kalisch, G., Schaaf, U., Steck, M. High phase space density beams for heavy ion fusion research 7048
Hofmann, I., Hasse, R.W., Reiser, M. Intensity effects in final focusing for heavy-ion inertial fusion with short bunches 31568
Hofmann, I. *see* Kalisch, G. 7047
Hofmann, I. *see* Schaaf, U. 15359
Hofmann, J. Factoring in vehicle dynamics parameters in operations control centres 8945
Hofmann, J. The consumer electronics bus: 2. Adapting products for compatability 23326
Hofmann, J. *see* Cygan, D. 45847
Hofmann, K.-H., Weigelt, G. Iterative image reconstruction from the bispectrum 6169
Hofmann, K.H. *see* Gunther, C. 45473
Hofmann, L. *see* Kohnle, A. 32153
Hofmann, M., Baums, D., Sacher, J., Elsasser, W., Schilling, M., Idler, W., Wunstel, K., Zielinski, E., Hildebrand, O. Modelocking of interferometric Y-lasers in an external cavity 28866
Hofmann, M. *see* Christie, R.D. 32489
Hofmann, R. *see* Baur, G. 43104
Hofmann, S. *see* Zalar, A. 10991
Hofmann, T., Mossavi, K., Szabo, G., Tittel, F.K. Generation and amplification of subpicosecond ArF radiation 20633
Hofmann, T., Tittel, F.K. High power visible radiation from a Raman shifted XeF(C→A) excimer laser 12364
Hofmann, T. *see* Fassler, H. 25098
Hofmann, W., Krause, M. Fuzzy control of AC-drives fed by PWM-inverters 40535
Hofmann-Preiss, K., Sabel, M., Reichler, B., Potzler, H. Use of an anatomical compensation filter in chest radiographs for better visualisation of details in lung parenchyma and mediastinum 24175
Hofmeester, N.H.M., Polinder, H., Offringa, L.J.J., van den Bosch, P.P.J. Modelling and control of a cycloconverter with permanent magnet generator 16768
Hofmeester, N.H.M., van den Bosch, P.P.J., Klaassens, J.B. Modelling and control of an AC/AC boost-buck converter 8586
Hofmeester, N.H.M. *see* Polinder, H. 16760
Hofmeister, E. Progress in electrical components during 75 years 17979
Hofsajer, I.W., van Wyk, J.D., Ferreira, J.A. Functional component integration in a multi-kilowatt resonant converter 8600
Hofsass, V. *see* Kaden, C. 34856
Hofstad, G.L.A. v.d. *see* Kuindersma, P.I. 38132
Hofstad, G.L.A.van der *see* van der Hofstad, G.L.A.
Hofstad, P., Jorum, E., Rolfseng, L., Dahl, E. Distribution system planning including the cost of non delivered energy 24872
Hofstadter, R. *see* Thompson, D.J. 7145
Hofstetter, R. *see* O'Reilly, J.J. 23036
Hofstetter, R. *see* Schmuck, H. 30720
Hofstra, J.S. *see* Hoeft, L.O. 27349
Hofstraat, J.W. *see* Horsthuis, W.H.G. 43464
Hoft, R.G. Power electronics for the next century 1053
Hoft, R.G. *see* Bor-Ren Lin 25542
Hoftyzer, G. *see* Hardwick, C.D. 39233
Hog, G. *see* Delage, P. 6011
Hoga, H. *see* Arakawa, T. 19441
Hoga, H. *see* Arakawa, T. 27860
Hoga, H. *see* Ohta, T. 34860
Hoga, M. *see* Matsuzaka, T. 27872
Hoga, M. *see* Ohta, H. 27877
Hogan, B. *see* Lawson, W. 6872
Hogan, J., Williams, D. Multimedia data acquisition: PCs make it practical 14907
Hogan, J.P., Krieger, A.S. Microcomputed tomography: removal of translational stage backlash 15760
Hogan, M. *see* Rosenzweig, J. 42357
Hogans, C. *see* Epstein, R. 23435
Hogari, K., Nakayama, K., Ashiya, F. Design and performance of 2000-fiber cable 14620
Hogarth, C.A. *see* Ray, A.K. 27461
Hogarth, C.A. *see* Ray, A.K. 27503
Hogberg, K. Ultrasonic testing using the EMAT technique—electric magnetic acoustic transducer 918
Hoge, C.E. *see* Derfelt, D.L. 367
Hoge, D., Koehler, U., Hoffmann, E., Rusch, W. Room temperature battery systems for EV-applications 48340
Hoge, W.H. An approach to the mass production of gas diffusion electrodes 17194
Hogelsack, F. *see* Menzel, W. 1410
Hoger, S. *see* Aratani, S. 3359
Hogerton, P.B. Development goals and present status of 3M's adhesive interconnection technology 17924
Hogervorst, R., Wiegerink, R.J., De Jong, P.A.L., Fonderie, J., Wassenaar, R.F., Huijsing, J.H. CMOS low-voltage operational amplifiers with constant-g_m rail-to-rail input stage 41686
Hogervorst, W. *see* Ubachs, W. 35705
Hogeveen, P. *see* Dufour, A. 48395
Hogg, B.W. *see* Lu, S. 16658
Hogg, B.W. *see* Wang, H.F. 16208
Hogg, D. *see* Mason, B. 6550
Hogg, D.C. Fun with the Friis free-space transmission formula 4105
Hogg, S.E. *see* Shoubridge, P.J. 37672
Hogle, R.A., Thomas, P., Clarke, P.M., Lord, S.M. Tungsten CVD equipment surface chemistry 2137
Hoglund, I. *see* Dell'Acqua, A. 46998
Hoglund, M., Kihlblom, B. ACCIS—a new tool for processor dimensioning for call capacity 5655
Hogue, H.H. *see* Petroff, M.D. 24067
Hoh, K., Yasuda, Y. Electronic chaos in silicon thyristor 42899
Hohenstein, M. *see* Eberl, K. 41341
Hohimer, J.P., Craft, D.C., Vawter, G.A. Effect of the *Y*-junction output coupler on the lasing threshold of semiconductor ring lasers 3621
Hohimer, J.P., Vawter, G.A. Unidirectional semiconductor ring lasers with racetrack cavities 12130
Hohkawa, K. *see* Yamabayashi, Y. 6066
Hohkawa, K. *see* Yamabayashi, Y. 14363
Hohlfeld, A. *see* Fromm, D.C. 17596
Hohmann, G.W. *see* Bibby, H.M. 7590
Hohmann, H. *see* Corradini, M.L. 16594
Hohmann, V. *see* Kollmeier, B. 24354
Hohn, D.H. *see* Kohnle, A. 32153
Hohn, F. *see* Coane, P. 2321
Hohn, F.J. *see* Rosenfield, M.G. 27934
Hohne, H.D. *see* Ernst, M. 38281
Hohne, K.H. *see* Schubert, R. 15770
Hoimyr, N. *see* Ferran, P.M. 38887
Hoita, H. Measurement of oranges by optical method 38726
Hoizumi, S., Maeda, I. Combined cycle power plant for high-efficiency generation 25237
Hojo, H. *see* Motoyama, Y. 30667
Hojo, J.-I. *see* Michishita, K. 36267
Hojvat, C., Areti, H., Hansen, S., Tang Fu Kun, Chiho Wang A multiplicity trigger processor for a quark-gluon plasma search at the Tevatron Collider 31779
Hoke, C. *see* Fair, D.C. 6693
Hoke, M.L. *see* Namkung, J.S. 6545
Hoke, W.E., Weir, D.G., Lemonias, P.J., Hendriks, H.T. Carbon tetrabromide carbon doping of molecular beam epitaxial (GaAs) films 19528
Holber, W.M., Logan, J.S., Grabarz, H.J., Yeh, J.T.C., Caughman, J.B.O., Sugerman, A., Turenee, F.E. Cooper deposition by electron cyclotron resonance plasma 10979
Holberg, D.R. *see* Brashear, R.B. 26597
Holbert, K.E., Hashemian, H.M. Instrument calibration reduction using signal validation [nuclear plants] 32602
Holboll, J.T. *see* Henk, P.O. 2723
Holboll, J.T. *see* Rygal, R. 6319
Holbrook, B.P. *see* Lavoie, D.C. 16634
Holbrook, D.S. *see* Sumner, R.C. 6694
Holbrook, G. *see* Badger, D. 14771
Holbrooke, J.R. *see* Diay, S.S. 11288
Holc, J. *see* Hrovat, M. 883
Holcomb, M.J., Collman, J.P., Little, W.A. Thermal difference spectroscopy 6824
Holczer, K. *see* Donovan, S. 19005
Hold, G. *see* Jorgl, H.P. 40041
Holdaway, R. U.K. instruments for Mission to Planet Earth 47260
Holdcroft, S. *see* Xu, B. 35568
Holden, A. *see* Kleinpenning, T. 19761
Holden, A. *see* Savage, J. 4524

Holden, C.M.E., Parker, S.C.J. Quantitative three-dimensional holographic interferometry for flow field analysis 12410
Holden, D. *see* Becker, K. 30306
Holden, H.T. DFM in PWB fab: a review of predictive engineering benefits 34347
Holden, M. *see* Cairns, G. 35648
Holden, P. *see* White, W. 34036
Holden, P.B., Healy, S.B., Lightbody, M.T.M., Pert, G.J., Plowes, J.A., Kingston, A.E., Robertson, E., Lewis, C.L.S., Neely, D. A computational investigation of the neon-like germanium collisionally pumped laser 28691
Holden, P.B. *see* Cairns, G. 35648
Holden, W.S. *see* Bagheri, M. 5909
Holder, B. *see* Schwuttke, U.M. 24406
Holder, E.J. *see* Barnes, C.F. 4848
Holder, S.M. *see* He, Z. 15752
Holdsworth, D.A. *see* Barrett, R.F. 13173
Holdsworth, D.W. *see* Drangova, M. 31866
Holdsworth, D.W. *see* Ryan, L.K. 7408
Holehouse, N. *see* Murison, R. 20840
Holeman, E.G. *see* Frederickson, A.R. 39150
Holen, A.T. *see* Feng Xu 32179
Holenbar, U. *see* Shi, L.P. 35471
Holender, J.M. *see* Morgan, G.J. 34536
Holets, V.R. *see* Prakriya, M. 7333
Holeva, L.F. Range estimation from camera blur by regularized adaptive identification 22216
Holgersson, M., Samuelsson, J. Subway cars for Seoul 17556
Holguin, E. *see* Castro, H. 20176
Holl, E., Neumann, G., Piepenbreier, B., Tolle, H.-J. Water-cooled inverter for synchronous and asynchronous electric vehicle drives 17023
Holl, M., Boyd, S. The effect of embedded fiber optics on the mechanical properties of a composite host material. [Embedded sensors] 23660
Holl, M.M.Banaszak *see* Banaszak Holl, M.M.
Hollan, R. *see* Kenny, P. 29560
Holland, A. *see* Dale, C. 39241
Holland, D. *see* Guidi, M.A. 15947
Holland, D.A. OS digital data for telecommunications planning 36209
Holland, J.G.F., Cramer, G. Rathlin Island wind/diesel/battery system 25338
Holland, K. *see* Barrick, M. 2351
Holland, K. *see* Deshpande, V. 19678
Holland, K.L. *see* Deshpande, V.A. 2334
Holland, M. *see* Cameron, N.I. 28210
Holland, M. *see* Hertel, G. 42520
Holland, M. *see* Lettau, C. 42517
Holland, M.C. *see* Goodwill, D.J. 35490
Holland, M.C. *see* Rahman, M. 19618
Holland, M.C. *see* Ryvkin, B.S. 43512
Holland, O.W., Zhou, D.S., Thomas, D.K. Damage accumulation during high-does, O^+ implantation in Si 2089
Holland, O.W. *see* Haynes, T.E. 2047
Holland, O.W. *see* Zhou, D.S. 34689
Holland, R. Finite-difference time-domain (FDTD) analysis of magnetic diffusion 36118
Holland, R. Pitfalls of staircase meshing 36136
Holland, R.G. *see* Anderson, B.M. 5515
Holland, S. *see* Amidei, D. 46890
Holland, S. *see* Tkaczyk, S. 46989
Hollander, B., Mantl, S., Michelsen, W., Mesters, S., Hartmann, A., Vescan, L., Gerthsen, D. Formation of unstrained $Si_{1-x}Ge_x$ layers by high-dose ^{74}Ge ion implantation in SIMOX 27658
Hollander, C. *see* Dieckmann, M. 31128
Hollander, D. Using discrete power surface mount devices 40933
Hollander, D. *see* Davis, S. 26720
Hollander, R.W. *see* Dorenbos, P. 7191
Hollander, R.W. *see* Okx, W.J.C. 7249
Hollansworth, J.E. Utilizing a TDRS satellite for Direct Broadcast Satellite-Radio propagation experiments and demonstrations 38211
Hollbach, A. Multimedia residential services over telecommunications networks 37254
Hollberg, L. *see* Waltman, S. 6302
Hollemann, G., Peik, E., Walther, H. Frequency-stabilized diode-pumped Nd:YAG laser at 946 nm with harmonics at 473 and 237 nm 28794
Hollemans, W., Kegel, A., Prasad, R. Performance of digital mobile cellular radio networks in presence of Rayleigh fading cochannel interference, thermal, narrow- and broad-band man-made noise 45789
Hollenbach, U. *see* Fuest, R. 3111
Hollenkamp, A.F., Constanti, K.K., Koop, M.J., Apateanu, L., Calabek, M., Micka, K. Effects of grid alloy on the properties of positive-plate corrosion layers in lead/acid batteries. Implications for premature capacity loss under repetitive deep-discharge cycling service 40420
Hollenkamp, A.F. *see* Apateanu, L. 17219
Hollenstein, Ch. *see* Kroll, U. 33711
Hollerbach, U. *see* Arnold, W.H. 11041
Hollerbach, U. *see* Barouch, E. 2358
Hollerbach, U. *see* Eib, N.K. 11063
Hollerbach, U. *see* Kunz, R.R. 2342
Hollerbach, U. *see* Rothschild, M. 27946
Hollerbach, U. *see* Templeton, M.K. 2339
Hollering, R.W.J. *see* van Aerle, N.A.J.M. 20407
Holley, M. *see* Kim-Fu Lim, Sr. 41806
Hollfelder, M. *see* Morsch, G. 43015
Hollick, D.J. *see* MacDonald, D.S. 16416
Holliday, C., Junkmann, V. GTE's broadband field trial results 45402
Holliday, D. *see* Green, T.C. 47871
Holliday, M.G. *see* Batchellor, C.R. 38094
Holliday, P. An integrated distribution management system: why you need it 7873
Hollier, M.P., Hawksford, M.O.J., Guard, D.R. Characterization of communications systems using a speechlike test stimulus 21680
Hollier, M.P. *see* Goetz, I. 22880
Holling, G.H., Holling, M.L., Yeck, M.M. Customized circuit design for small volume motion control systems 41673
Holling, M.L. *see* Holling, G.H. 41673
Hollinger, G., Besland, M.P., Gallet, D., Gendry, M. Preparation of InP surfaces for epitaxial growth and regrowth 34729
Hollingsworth, R.E., Bhat, P.K. Deposition of polycrystalline silicon thin films by plasma enhanced CVD 18273
Hollingsworth, R.E., Bhat, P.K. Doped microcrystalline silicon growth by high frequency plasmas 26488
Hollingum, J. BBC sets Daleks to work 30971
Hollkamp, J.J. Multimodal passive vibration suppression with piezoelectric materials and resonant shunts 35188
Hollman, R.F., Bischoff, P.M., Hellebrekers, P.P. Recent developments in stepper focus and overlay control metrology for sub-half-micron manufacturing applications 2294
Hollmann, D., Haffa, S., Rostan, F., Wiesbeck, W. The introduction of surface resistance in the three-dimensional finite-difference method in frequency domain 4221
Hollmann, D. *see* Heilig, R. 27262
Hollmann, H.D.L. Construction of bounded-delay encodable modulation codes by state-combination and state-splitting 12872
Hollmann, H.D.L. A relation between Levenshtein-type distances and insertion-and-deletion correcting capabilities of codes 21629
Hollmann, T. *see* Bonse, T. 6224
Hollnagel, E. Requirements for dynamic modelling of man-machine interaction 16527
Hollo, S.D., Hartfield, R.J., Jr., McDaniel, J.C. Planar velocity measurement in symmetric flow fields with laser-induced iodine fluorescence 31519
Holloran, R.W. *see* Taggart Rogers, S. 39740
Holloway, D.A. *see* Hentea, T.I. 14895
Holloway, H. Curvature in boron-doped silicon and other compositionally graded single crystals 34680
Holloway, K. *see* Hammersley, V.L. 40396
Holloway, K. *see* Lacombe, R.H. 40931
Holloway, M.W. *see* Wells, P. 22959
Holloway, N.J. The safety of RBMK nuclear power plants 47689
Holloway, P.H. *see* Arlinghaus, H.F. 42386
Holloway, P.H. *see* Lampert, W.V. 19426
Holloway, P.H. *see* Lampert, W.V. 27783
Holloway, P.H. *see* Singh, R.K. 857
Holloway, P.H. *see* Yu, J.E. 42655
Holls, W. *see* Horner, S. 15881
Holly, D., White, J. Super SS7: speed and power—with one weakness 14158
Holm, A., Solkner, G., Ruile, W., Weigel, R. Optical measurement system for the determination of acoustic phase velocities with high accuracy 43236
Holm, A. *see* Leijon, M.A.S. 48036
Holm, J., Paola Barbara, Davidson, A., Filatrella, G., Mygind, J., Pedersen, N.F. Subharmonic self-locking of a Josephson soliton oscillator coupled to a resonator 2908
Holm, M.F.K. *see* Campbell, C.K. 8731
Holm, P.H. *see* Smith, P.J. 35178
Holm, S., Myhrum, M., Hoff, L. Modelling of the ultrasound return from Albunex microspheres 38988
Holm, U., Deshpande, U. Availability of bare dies for use in telecommunications applications 17873
Holman, G.K. Status of developments of international standards related to multimedia and hypermedia 37226
Holman, R.R. *see* Jackson, W.D. 25834
Holman, W.T., Connelly, J.A., Perez, J.O., Motchenbacher, C.D. A low noise CMOS operational amplifier in a 1.2 μm digital technology 9993
Holmberg, P. *see* de Silva, J.R. 47473
Holme, C.J., Fiedziuszko, S.J. A 4 GHz dielectric continuous output multiplexer for satellite applications 1426
Holme, P.R., Manning, C.D. Digital control of high frequency PWM converters 16988
Holmer, N. *see* Kirkhorn, T. 38969
Holmes, A. *see* Hajto, J. 27584
Holmes, A. *see* Hajto, J. 27608
Holmes, A. *see* Snell, A.J. 27610
Holmes, A.B. *see* Greenham, N.C. 11867
Holmes, A.B. *see* Greenham, N.C. 35600
Holmes, A.B. *see* Greenham, N.C. 35615
Holmes, A.B. *see* Marks, R.N. 28655
Holmes, A.J., Gibson, R.A.G., Hajto, J., Murray, A.F., Owen, A.E., Rose, M.J., Snell, A.J. Use of a-Si:H memory devices for nonvolatile weight storage in artificial neural networks 27117
Holmes, A.J. *see* Hajto, J. 27611
Holmes, A.J.T. *see* McAdams, R. 15594
Holmes, A.L., Jr., Heimbuch, M.E., DenBaars, S.P. Strained GaInAsP single-quantum-well lasers grown with tertiarybutylarsine and tertiarybutylphosphine 20809
Holmes, A.L., Jr. *see* Heimbuch, M.E. 41440
Holmes, A.L., Jr. *see* Tauber, D.A. 43857
Holmes, A.R. *see* Foster, B. 31714
Holmes, A.S., Syms, R.R.A., Li, M., Green, M. Fabrication of buried channel waveguides on silicon substrates using spin-on glass 3133
Holmes, A.S. *see* Syms, R.R.A. 20377
Holmes, C. *see* Tripathi, V.K. 27169
Holmes, C.L. *see* Sampayan, S.E. 34469
Holmes, G. *see* Carnegie, D. 12995
Holmes, J. *see* Britten, P. 22929
Holmes, K. *see* Rajendran, S. 41396
Holmes, P.G. *see* Elsonbaty, N. 25253
Holmes, R. EMC aspects of electrified railways at low frequencies 40609
Holmes, R. *see* Pilling, N.A. 46566
Holmes, R.B. Applications of lasers to imaging of distant objects 32117
Holmes, S. *see* Conley, W. 11056
Holmes, S.D. Low energy aspects of circular accelerators 31547
Holmes, S.J. The future of low power radio and metering 47602
Holmes, S.J. *see* Long, A.P. 42217
Holmes, S.J. *see* Sturtevant, J.L. 2292
Holmes, S.J. *see* Vince, R. 25072
Holmes, S.J. *see* Wallis, R.H. 10510
Holmes, W.J., Pearce, D.J.B. Sub-word units for automatic speech recognition of any vocabulary 21654
Holmes-Siedle, A. *see* Robbins, M.S. 38864
Holmgren, C. *see* Ben-Ren Chen 37785
Holmgren, S.-O. *see* Algeri, A. 31719
Holmlid, L. *see* Svensson, R. 25724
Holmquist, L.J., Harden, P.A., Muraida, J.E. Wind tunnel testing to predict control room atmospheric dispersion factors 32561
Holmqvist, M.H. *see* Snowball, M.F. 47038
Holmstroem, C.B.O., Endestad, T., Follesoe, K., Foerdestroemmen, N.T., Volden, F.S. Evaluation of an advanced control room prototype ISACS-1 32551
Holmstroem, C.B.O. *see* Endestad, T. 39754
Holmstrom, B. *see* Gruszecki, T. 9677
Holmstrom, S.A. *see* Powell, R.C. 21034
Holonak, N., Jr. *see* You, H.M. 27526
Holonyak, N., Jr. *see* Caracci, S.J. 3399
Holonyak, N., Jr. *see* Caracci, S.J. 3631
Holonyak, N., Jr *see* Caracci, S.J. 35843
Holonyak, N., Jr. *see* Hess, K. 2419
Holonyak, N., Jr. *see* Richard, T.A. 28084
Holonyak, N., Jr. *see* Sugg, A.R. 10917
Holopkin, A.I. *see* Babin, S.V. 28043
Holscher, C. *see* Gulker, G. 3913
Holscher, R., Smith, B.W., Brainerd, S. Response surface modeling of rim phase shift masks 2375
Holschumacher, R. *see* Dorn, R. 47707
Holslin, D., Shreve, D., Smith, S., Hagan, W. A scintillating fiber optic neutron detector using an intensified high-speed CCD camera system 24076
Holst, J.C. *see* Heald, R.A. 26917
Holst, J.C. *see* Heald, R.A. 26958
Holste, J.C. *see* Morrison, G.L. 46682
Holstein, M.P. Impacts on least cost planning and system operations of monetizing environmental externalities 7905
Holstein, W.L., Parisi, L.A., Shen, Z.-Y., Wilker, C., Brenner, M.S., Martens, J.S. Surface resistance of large-area $Tl_2Ba_2CaCu_2O_8$ thin films at microwave and millimeter wave frequencies measured by three noncavity techniques 11513
Holt, A., Ahlgren, E., Poulsen, F.W. Synthesis, electrical properties and defect chemistry of Ti-doped $NdCrO_3$ 17367
Holt, A.R., McGuinness, R., Charlton, D.G., Thompson, P.T., Mehler, M.J. The development of a model to estimate the bistatic transmission loss associated with intersystem interference 29209
Holt, A.R. *see* Hardaker, P.J. 44284
Holt, A.R. *see* Torlaschi, E. 7608
Holt, B. *see* Priest, J. 19258
Holt, B. *see* Priest, J. 34416
Holt, B. *see* Schier, M. 47236
Holt, B.R. *see* Lee, S.E. 29597
Holt, D. Synchronous digital hierarchy—what it means for new CATV networks 14808
Holt, J., Skinner, T., Nguyen, N. Automating operator services using automatic speech recognition 30334
Holt, J. *see* Goderre, G.P. 38765
Holt, J. *see* Nickel, J.R. 7763
Holt, J.K. *see* Sheth, A.C. 32818
Holt, K. Computer-aided creativity in engineering design 17799
Holt, L. *see* Thaler, H. 6331
Holt, R.J. *see* Jones, C.E. 31632
Holt, R.J. *see* Poelker, M. 31631
Holt, T., Pahlavan, K., Lee, J.F. A graphical indoor radio channel simulator using 2D ray tracing 36187
Holt, T. *see* Yang, G. 37811
Holte, R. *see* Zimmer, R. 9417
Holte, R. *see* Zimmer, R. 18399

Holter, G. *see* Kitzerow, H.-G. 32656
Holterman, H.A.J. *see* Verkerk, U.H. 46367
Holtey, G.von *see* von Holtey, G.
Holthouse, T. *see* Lazar, J. 47977
Holtkamp, N. *see* Balewski, K. 46775
Holtkamp, N. *see* Bane, K.L.F. 15434
Holtmann, Ch. *see* Dall'Ara, R. 35628
Holtmann, U., Ernst, R. Experiments with low-level speculative computation based on multiple branch prediction 34123
Holton, C. *see* Ball, G.A. 3542
Holton, C.E. *see* Ball, G.A. 43797
Holtse, P. *see* Molbaek Hansen, P. 44767
Holtwijk, T. *see* Hagmeister, H. 19953
Holtz, J., Beyer, B. Optimal synchronous pulsewidth modulation with a trajectory-tracking scheme for high-dynamic performance 47962
Holtz, J., Giraud, X., Belfiore, J.-C. Compared merits of hard/soft decoding for coherent optical communications impaired by phase noise 45950
Holtz, J., Krah, J.-O. Compensation of traction drive network-side harmonics 8908
Holtz, J., Lotzkat, W., Khambadkone, A.M. On continuous control of PWM inverters in the overmodulation range including the six-step mode 40321
Holtz, J., Springob, L. Reduced harmonics PWM controlled line-side converter for electric drives 8509
Holtz, J. *see* Mahfouz, A. 8431
Holtz, K. HDTV and multimedia image compression with autosophy networks 30006
Holtzapple, R. *see* Fieguth, T. 15555
Holtzman, J. *see* Patel, P. 45300
Holtzman, J.M. *see* Jalloul, L.M.A. 37708
Holtzman, J.M. *see* Patel, P.R. 44659
Holtzman, J.M. *see* Simpson, F. 5770
Holtzman, J.M. *see* Vijayan, R. 5782
Holubarsch, W. *see* Bogs, M. 26685
Holubkov, A.L. *see* Tsai, M.-L. 7421
Holubkov, A.L. *see* Tsai, M.-L. 7422
Holwill, R.J. *see* O'Hara, A. 3185
Holwill, R.J. *see* Robertson, S.A. 11062
Holyer, A. Wandering the World-Wide Web 30499
Holz, A. *see* Fritz, R. 12817
Holzapfel, C. *see* Weisener, T. 27388
Holzapfel, W., Finnemann, M. High-resolution force sensing by a diode-pumped Nd:YAG laser 12502
Holzapfel, W. *see* Braasch, J.C. 23534
Holzbrecher, H. *see* Schuppen, A. 27582
Holzenkampfer, E. *see* Nagy, A. 42436
Holzer, B. *see* Balewski, K. 46775
Holzer, W., Schedler, E. Upgrading of Latschau power station: Kaplan turbines 32782
Holzheimer, T.R. *see* Cory, T.S. 5744
Holzscheiter, K. *see* Ziock, H.-J. 46885
Holzscheiter, K. *see* Ziock, H.J. 7184
Holzschuh, E. *see* Kundig, W. 47011
Holzwarth, A., Berger, P., Hugel, H. Shock propagation and attenuation in high power excimer lasers 11980
Holzwarth, H. *see* Nalamasu, O. 11060
Holzwarth, H. *see* Schaedeli, U. 11055
Hom, C. *see* Madonna, R.G. 46082
Homan, F.J. *see* Williams, P.M. 47691
Homann, B. *see* Anderson, G. 38901
Homatas, G. *see* Stephanidis, C. 37567
Hombu, M. *see* Kawakami, N. 47960
Homburg, D., Reiff, E.-C. Shaft angle encoder of high accuracy 15214
Homer, G.J. *see* Spooner, N.J.C. 7180
Homer, J. *see* Webster, K. 31792
Homer, P.T., Schlichting, R.D. Support heterogeneity and distribution in the numerical propulsion system simulation project 15954
Homewood, K.P. *see* Hunt, T.D. 10881
Homewood, K.P. *see* Lourenco, M.A. 19462
Homeyer, Genaz, P.J. *see* Henke, H. *(editor)* 9078
Homma, M., Yamamoto, A., Satoh, Y., Yokokura, K. Arc instability phenomena at a small current interruption in vacuum circuit breaker 17109
Homma, M. *see* Kukuchi, S. 43258
Homma, M. *see* Takahashi, N. 11456
Homma, M. *see* Tatsuki, T. 43268
Homma, N. *see* Ohhata, K. 1238
Homma, N. *see* Ohhata, K. 10171
Homma, N. *see* Ohhata, K. 18731
Homma, R. *see* Hiruta, Y. 43135
Homma, T., Kamimura, K., Hao Yi Cai, Onuma, Y. Preparation of polycrystalline SiC films for sensors used at high temperature 46347
Homma, T., Kutsuzawa, Y., Kunimune, K., Murao, Y. Stability of a new polyimide siloxane film as interlayer dielectrics of ULSI multilevel interconnections 2729
Homma, T., Murao, Y., Yamaguchi, R. Flow characteristics of SiOF films in room temperature chemical vapor deposition utilizing fluorotrialkoxy-silane group and pure water as gas sources 18256
Homma, T., Suzuki, M., Murao, Y. A fully planarized multilevel interconnection technology using semi-selective tetraethoxysilane-ozone chemical vapor deposition at atmospheric pressure 19634
Homma, T. *see* Horiuchi, T. 42935
Homma, T. *see* Kazuno, Y. 38574
Homma, T. *see* Matsuoka, H. 23736
Homma, T. *see* Okuno, H. 43273
Homma, Y., Murase, Y., Handa, K. The zero detection threshold of a liquid scintillation spectrometer and its application to liquid scintillation counting 38869
Homma, Y. *see* Hinode, K. 42768
Homma, Y. *see* Miyazaki, H. 42676
Homma, Y. *see* Sakuma, N. 17920
Hommel, J., Schneider, F., Moser, M., Geng, C., Scholz, F., Schweizer, H. Nearly damage-free dry etching of AlGaInP/GaInP by electron cyclotron resonance technique 27754
Hommel, J. *see* Bergmann, R. 27552
Hommel, J. *see* Griesinger, U.A. 27923
Hommerich, U., Eilers, H., Yen, W.M., Jia, W., Wang, Y. Effects of uniaxial stress on the metastable level in Cr^{4+}:Y_2SiO_5 35304
Homola, J., Sestak, M. New GTO thyristors in CKD Polovodice Praha as 8933
Hon, H.W. *see* Huang, X.D. 4531
Hon Wai Chun *see* Fong Chi Kwong 5537
Hon-Fai Yau *see* Yuh-Ping Tong 3827
Hon-Tung Mak *see* Nasrabadi, N.M. 30077
Honary, B., Kaya, L., Markarian, G.S., Darnell, M. Maximum-likelihood decoding of array codes with trellis structure 4378
Honary, B., Markarian, G. New simple encoder and trellis decoder for Golay codes 21512
Honary, B. *see* Arani, F. 4417
Honary, B. *see* Bahrami, M. 5305
Honary, B. *see* Darnell, M. 44416
Honary, B. *see* Fan, P.Z. 5736
Honary, B. *see* Fan, P.Z. 36502
Honary, B. *see* Fan, P.Z. 44734
Honary, B. *see* Kaya, L. 4423
Honary, B. *see* Kaya, L. 4432
Honary, B. *see* Markarian, G. 4422
Honary, B. *see* Naderi, M. 4415
Honbu, A. *see* Uezato, K. 25395
Honcharenko, W., Bertoni, H.L. Transmission and reflection characteristics at concrete block walls in the UHF bands proposed for future PCS 45873
Honcharenko, W., Bertoni, H.L., Dailing, J. Mechanisms governing wireless propagation between different floors in buildings 37694
Honda, A. *see* Nishiike, U. 43255
Honda, A. *see* Sato, K. 33409
Honda, A. *see* Sato, K. 43256
Honda, C. *see* Takuma, T. 10612
Honda, H. *see* Furuta, T. 40654
Honda, H. *see* Sasaki, M. 38563
Honda, H. *see* Shiomi, T. 41892
Honda, I. Non-uniqueness of sampling functions on a certain signal space 13282
Honda, J. *see* Ezaki, S. 48460
Honda, K. Metal halide lamp for automotive headlight 48462
Honda, K., Blakeney, A., Hurditch, R., Tan, S., Kokubo, T. Physical and chemical factors governing dissolution of novolac resin films 11064
Honda, K. *see* Chen-Chy Lin 11088
Honda, K. *see* Saito, T. 15806
Honda, K. *see* Suzuki, T. 16073
Honda, M. *see* Imaizumi, H. 6221
Honda, M. *see* Tanaka, H. 31011
Honda, N. *see* Uchiyama, H. 11494
Honda, S. *see* Hamada, H. 12172
Honda, S. *see* Tomita, Y. 46539
Honda, T., Yamashita, T., Matsumoto, H. Self-pumped phase conjugation with $BaTiO_3$ in a reflection-grating ring configuration 3878
Honda, T. *see* Bando, Y. 10636
Honda, T. *see* Carty, T. 3758
Honda, T. *see* Endo, K. 17140
Honda, T. *see* Hayashi, Y. 43331
Honda, T. *see* Inoue, T. 33970
Honda, T. *see* Kaneko, S. 22155
Honda, T. *see* Masuda, T. 17412
Honda, T. *see* Takahashi, S. 36045
Honda, T. *see* Tarucha, S. 42533
Honda, T. *see* Yamaguchi, M. 29031
Honda, T. *see* Yamaguchi, M. 36048
Honda, Y. *see* Krishnan, K.M. 41429
Honda, Y. *see* Ohkuma, J. 31580
Honderd, G. *see* Duinhoven, J. 15037
Hone, G.N., Davies, I.R.L. Brightness and depth on the flat screen: cue conflict in simulator displays 38944
Hone, K.S. *see* Baber, C. 13013
Hone, M.A. *see* Hawkes, N.P. 7290
Honec, J., Solc, F. A control system using computer vision for marking carbide cutting tiles 36086
Honegger, K. *see* Diethelm, R. 17288
Honerla, J. High-voltage DC transmission cables for voltages above 400 kV 32393
Honey, D.A. *see* Mikolas, D. 44139
Honeycutt, J.W., Bozgonyi, G.A. Dopant diffusion and point defects in silicon during silicidation 10986
Honeycutt, J.W., Ravi, J., Rozgonyi, G.A. Effects of concurrent Co or Ti silicidation on transient diffusion and end-of-range damage in phosphorus implanted silicon 10745
Hong, A. *see* Deshpande, V.A. 2334
Hong, B. *see* Ahamd, U. 1689
Hong, B. *see* Li, M. 9659
Hong, B.W.-P., Jong-In Song, Palmstrom, C.J., Van der Gaag, B., Kyung-Bae Chough, Hayes, J.R. DC, RF, and noise characteristics of carbon-doped base InP/InGaAs heterojunction bipolar transistors 34927
Hong, B.W.-P. *see* Chough, K.B. 42996
Hong, B.W.-P. *see* Jong-In Song 42898
Hong, C. *see* Sinor, T.W. 7309
Hong, C.-S. *see* Evans, B.D. 3362
Hong, C.-S. *see* Zou, W.-X. 12203
Hong, C.C. *see* Sanyal, A. 39934
Hong, C.S. *see* Abbas, G.L. 39285
Hong, D.P. *see* Vickers, B.J. 22635
Hong, F., Patnaik, B.K., Rozgonyi, G.A., Osburn, C.M. Self-aligned epitaxial $CoSi_2$ formation from multilayer Co/Ti-Si(100) by a two-step RTA process 2243
Hong, F. *see* Erokhin, Yu.N. 10749
Hong, F. *see* Ping Liu 685
Hong, F.T. Molecular electronics: science and technology for the future 42331
Hong, F.T. Photovoltaic effects in biomembranes—reverse-engineering naturally occurring molecular optoelectronic devices 42336
Hong, G. *see* Ping-Wei Wang 42689
Hong, H.W. *see* Liu, E. 32343
Hong, J. Applications of photorefractive crystals for optical neural networks 13495
Hong, J., Huang, W.-P., Makino, T. Modeling of ridge-waveguide MQW DFB lasers based on spectral index transfer matrix method 12161
Hong, J., Huang, W.P. A rigorous analysis of tunable semiconductor lasers with built-in grating-assisted vertical coupler filter 43845
Hong, J., Huang, W.P., Makino, T. Effect of linear gain saturation on small-signal dynamics of MQW DFB lasers 43919
Hong, J., Vetterli, M. Hartley transforms over finite fields 36454
Hong, J. *see* Cho, Y.K. 12742
Hong, J. *see* Huang, W.P. 44503
Hong, J. *see* Vachss, F. 4806
Hong, J.-W. *see* Chyi, J.-I. 38509
Hong, J.H. *see* Jeong, J.I. 33677
Hong, J.H. *see* Lee, Y.P. 11450
Hong, J.M. *see* Rishton, S.A. 27550
Hong, J.P. *see* Fetterman, H.R. 27247
Hong, J.S. Multimode chamber excited by an array of antennas 3958
Hong, J.S. Genetic approach to bearing estimation with sensor location uncertainties 13202
Hong, J.S. Effect of a modulated source on a multimode cavity 42149
Hong, K.D., Brand, G.F., Idehara, T. A 150-600 GHz step-tunable gyrotron 10624
Hong, L. Multiresolutional filtering using wavelet transform 21782
Hong, L. Recursive algorithms for information fusion using belief functions with applications to target identification 21809
Hong, L., Scaggs, T. Real-time optimal filtering for stochastic systems with multiresolutional measurements 4746
Hong, L., Werthmann, J.R., Bierman, G.S., Wood, R.A. Real-time multiresolutional target tracking 29847
Hong, M., Mannaerts, J.P., Grober, L., Chu, S.N.G., Luftman, H.S., Choquette, K.D., Freund, R.S. Interfacial characteristics of AlGaAs after in situ electron cyclotron resonance plasma etching and molecular beam epitaxial regrowth 42698
Hong, M., Vahkshoori, D., Grober, L.H., Mannaerts, J.P., Chu, S.N.G., Wynn, J.D., Freund, R.S. Vacuum integrated fabrication of buried heterostructure edge emitting laser diodes 28838
Hong, M. *see* Choquette, K.D. 3605
Hong, M. *see* Choquette, K.D. 27729
Hong, M. *see* Guotong Du 12247
Hong, M.Y. Simulation and fabrication of submicron channel length DMOS transistors for analog applications 35090
Hong, M.Y. *see* Delfyett, P.J. 43818
Hong, N. *see* Tao, J. 40117
Hong, P.J. *see* Gindi, G. 39025
Hong, Q. *see* Libera, M. 34667
Hong, Q.H. *see* Lettington, A.H. 15076
Hong, Q.H. *see* Lettington, A.H. 22090
Hong, Q.H. *see* Lettington, A.H. 29778
Hong, Q.H. *see* Lettington, A.H. 31286
Hong, Q.H. *see* Lettington, A.H. 36931
Hong, Q.Z. *see* Clevenger, L.A. 27574
Hong, S., Perros, H.G., Yamashita, H. A discrete-time queueing model of the shared buffer ATM switch with bursty arrivals 22315
Hong, S. *see* Jian Li 2260
Hong, S.-E., Yoon, S.Y., Lee, H.-S. Implementation of an all-digital DS-CDMA receiver—chip synchronization for an orthogonally coded cellular CDMA system 22917
Hong, S.C. *see* Chough, K.B. 42996
Hong, S.C. *see* Lee, Y.J. 19907
Hong, S.J. *see* Mehta, K. 17334
Hong, V. *see* Saga Chang 13141
Hong, W., Zhu, Z. Radar cross-section of dielectric-coated conducting cylinder loaded with periodic metallic strips using mixed SDM, CGM and FFT:TE incidence 6097
Hong, W.-P. *see* Chough, K.B. 19909
Hong, W.-P. *see* Chough, K.B. 28188
Hong, W.-P. *see* Chough, K.B. 43001

Hong, W.-P. *see* Jong-In Song 42188
Hong, W.-P. *see* Song, J.-I. 2462
Hong, W.-P. *see* Song, J.-I. 42186
Hong, W.P. *see* Song, J.I. 1556
Hong, W.S. *see* Cho, G. 7181
Hong, W.S. *see* Gyuseong Cho 31791
Hong, W.S. *see* Lee, H. 31232
Hong, Y.-Y., Liao, C.-M., Lu, T.-G. Application of Newton optimal power flow to assessment of VAr control sequences on voltage security: case studies for a practical power system 7842
Hong Baosen *see* Chen Hongfang 15624
Hong Bor Zen *see* Bor Zen Hong
Hong Chan Hee *see* Chan Hee Hong
Hong Chin-Ming *see* Chin-Ming Hong
Hong Fu, Giles, R., Mansuripur, M. Coercivity mechanisms in magneto-optical recording media 43562
Hong Fu, Sugaya, S., Erwin, J.K., Mansuripur, M. Measurement of birefringence for optical recording of disk substrates 43560
Hong Gao *see* Yingwu Lian 3837
Hong Gao *see* Gao Hong
Hong Ghy-Boong *see* Ghy-Boong Hong
Hong Goo Nho *see* Won Tae Kim 354
Hong Guo *see* Jian Wang 34577
Hong Guo *see* Guo Hong
Hong Han *see* Han Hong
Hong Hao, McCluskey, E.J. Analysis of gate oxide shorts in CMOS circuits 26788
Hong Huicong *see* Huicong Hong
Hong Jin Kong *see* Seung Joon Ahn 43789
Hong Jing *see* Jiang Lingzhen 12412
Hong Jing *see* Jing Hong
Hong Jyh-Wong *see* Jyh-Wong Hong
Hong Koo Kim, Cheng Chung Li, Xiao Ming Fang, Solomon, J., Nykolak, G., Becker, P.C. Erbium doped semiconductor thin films prepared by RF magnetron sputtering 9682
Hong Ky Nguyen *see* Nguyen Hong Ky
Hong Lang *see* Lang Hong
Hong Li *see* Khoo, I.C. 44058
Hong Liang *see* Liang Hong
Hong Liu *see* Qingyuan Wang 4834
Hong Mou *see* Mou Hong
Hong Ni *see* Ni Hong
Hong Ping Wang *see* Wang Hong Ping
Hong Ren *see* Ren Hong
Hong Ru Tong *see* Ru Tong Hong
Hong Shen *see* Shen Hong
Hong Shick Min *see* Myong Seob Kim 2558
Hong Sik Jung A study on electrooptic guided-wave TE-TM mode converter 3163
Hong Song-Cheol *see* Song-Cheol Hong
Hong Songcheol *see* Songcheol Hong
Hong Soon-Chan *see* Soon-Chan Hong
Hong Suck-Chul *see* Suck-Chul Hong
Hong Sung June *see* Sung June Hong
Hong Sung Yong *see* Sung Yong Hong
Hong Tao *see* Tao Hong
Hong Wang A boundary element method for steady-state two-dimensional viscous fluid flows and its asymptotic error estimates 41121
Hong Wang, Ebbini, E.S., O'Donnell, M., Cain, C.A. Phase aberration correction and motion compensation for ultrasonic hyperthermia phased arrays: experimental results 39093
Hong Wang *see* Bao-Min Xu 33756
Hong Wang *see* Xuanying Lin 27472
Hong Wei, Davis, E.J., Stout, K.J. Nanometre movement and nanometre metrology—A review of realisation methods 38674
Hong Wei *see* Jiang Xiaohong 34216
Hong Wei *see* Wei Hong
Hong Wei-Ming *see* Wei-Ming Hong
Hong Won-Pyo *see* Won-Pyo Hong
Hong Wu, Jun Qian, Yang Hong-Sheng, Lu Zhong-Zuo Analysis of the leaky antenna based on the circular groove guide 44577
Hong Xianlong *see* Zheng Ning 28244
Hong Xiuhua *see* Zhang Lichun 27562
Hong Yi *see* Wu Jie 10262
Hong Yi Chang *see* Tien Sheng Chao 2157
Hong Ying-Yi *see* Ying-Yi Hong
Hong Yuan *see* Yuan Hong
Hong Zhen *see* Zhen Hong
Hong Zhiliang *see* Zhiliang Hong
Hong Zhou *see* Deng, R.H. 22840
Hong Zi-Quan *see* Zi-Quan Hong
Hong-Bin Li *see* Li Hong-Bin
Hong-Bin Zha, Eguchi, T., Kumamaru, K., Nagata, T. Optimal estimation of surface curvatures by fitting nonuniform bicubic splines to range images 13713
Hong-Bing Gao *see* Gao Hong-Bing
Hong-Bing Zhu *see* Sasaki, H. 42101
Hong-Bo Zu, Yan-Quan Liu The expert system of fault diagnosis and accident disposition of an electric power system 7995
Hong-Chan Chang, Hong-Cheng Chen A mixed direct method for transient stability assessment 7860
Hong-Cheng Chen *see* Hong-Chan Chang 7860
Hong-Guan Wu *see* Wu Hong-Guan
Hong-Hai Zhang *see* Zhang Hong-Hai
Hong-Jeung King *see* Chien Chou 7330
Hong-Jun Zhang *see* Mao Ye 21013
Hong-Kyu Chung, Rae-Hong Park Vision-based orientation and position detection of ICs and PCBs 417
Hong-Lin Yu *see* Yu Hong-Lin
Hong-Man Kim *see* Ji-Beom Yoo 662
Hong-Man Kim *see* Kwang-Ryong Oh 35500
Hong-Ming Lin, Shu-Huei Hsieh, Pee-Yew Lee, Ming-Shung Lai, Jie-Shing Wu Synthesis and characterization of nanocrystalline powders of pure nickel and copper 9799
Hong-Sheng Yang *see* Yang Hong-Sheng
Hong-Shick Min *see* Desouki, A.S. 43136
Hong-Tao Sun *see* Sun Hong-Tao
Hong-Twu chen, Kin-Lu Wong Cross-polarization characteristics of a probe-fed spherical-circular microstrip patch antenna 4286
Hong-Twu Chen *see* Kin-Lu Wong 4299
Hong-Twu Chen *see* Kin-Lu Wong 18998
Hong-Tzer Yang, Wen-Yeau Chang, Ching-Lien Huang A new neural networks approach to on-line fault section estimation using information of protective relays and circuit breakers 47606
Hong-Wei Zhu *see* Zhu Hong-Wei
Hong-Woo Lee *see* Kyung-Woo Yi 649
Hong-Zan Bin *see* Bin Hong-Zan
Hong-zheng Chen *see* Mang Wang 11825
Hong-Zhi Chen *see* Chen Hong-Zhi
Hongawa, K. *see* Kido, J. 11827
Hongawa, K. *see* Kido, J. 35587
Hongbin Ju *see* Ju Hongbin
Hongbin Qiao *see* Qiao Hongbin
Hongbin Zhu *see* Yinchun Hou 18128
Hongbin Zhu *see* Zhu Hongbin
Hongbing Yuan *see* Bing Chen 14217
Hongbing Zhang, Hamam, Y. An adaptive control stabilizer for the synchronous machines 16823
Hongbo Fan *see* Miller, D.B. 47580
Hongbo Sun *see* Guoyu Yang 38245
Hongcai, Z. *see* Quan, P. 21812
Hongcai Zhang *see* Peiheng Wu 35272
Hongcai Zhang *see* Zhang Hongcai
Hongchen Yin, Yi-Jun He, Quan-Rang Yang Input impedance of microstrip patch in the quasi-optical cavity resonator 10415
Hongchuan Yang *see* Jingwu Qiu 38477
Hongda Ma *see* Ma Hongda
Hongfang Chen *see* Chen Hongfang
Hongfei Liu *see* Huang, S.-H.S. 41110
Hongfu Li, Pinzhong Du, Jiankai Hu, Yang Yan, Shenggang Liu Study of a high harmonic gyrotron with inner slotted coaxial structure 27425
Hongfu Li *see* Li Hongfu
Hongguang Jin *see* Ishida, M. 39999
Honghai Gao *see* Gao Honghai
Hongjian Liu *see* Liu Hongjian
Hongliang Zhu *see* Zhu Hongliang
Honglin Zhang *see* Zhang Honglin
Honglin Zhuang *see* Zhuang Honglin
Hongming An, Nauwelaers, B.K.J.C., van de Capelle, A.R. Broadband microstrip antenna design with the simplified real frequency technique 44601
Hongmo Yang *see* Yang Hongmo
Hongo, H., Miyamoto, Y., Suzuki, J., Funayama, M., Morita, T., Furuya, K. Ultrafine fabrication technique for hot electron interference/diffraction devices 43029
Hongo, H. *see* Ishii, K. 27295
Hongo, H. *see* Yamada, M. 31005
Hongo, S. *see* Kawamura, H. 30100
Hongo, S. *see* Nozu, T. 11155
Hongo, S. *see* Yamaguchi, H. 24189
Hongo, Y. *see* Ishii, M. 47544
Hongping Guo, Qiang Zhang, Yang Sun, Qihong Lou, Peizhen Deng Operation of a Ti:sapphire laser pumped by a 499-nm green laser 43771
Hongpu Li, Mingcui Cao, Fengguang Luo, Ai Jun, Xu Jun Parallel processing for polynomial evaluation with a novel optical interconnection: the inverse perfect shuffle 3278
Hongpu Li *see* Jun Ali 28541
Hongqing Zhu *see* Zhu Hongqing
Hongren, Z. *see* Quan, P. 21812
Hongrong Lin *see* Lin Hongrong
Hongsheng Chin *see* Ascher, U.M. 41169
Hongsmatip, T. *see* Arell, T. 10500
Hongtao Shi *see* Shi Hongtao
Hongu, A. *see* Mori, M. 42341
Hongu, T., Agui, T., Nagahashi, H. Adaptive model for mixed binary image coding 30087
Honguh, Y. Diffraction analysis of optical-disk readout signal deterioration caused by mark-profile fluctuation 35318
Honguh, Y., Murakami, T. Multi-level run-length-limited modulation codes for optical disk recording system 11575
Honguh, Y. *see* Sugaya, T. 20276
Hongwei Diao *see* Diao Hongwei
Hongwei Huo *see* Huo Hongwei
Hongwei Liu *see* Liu Hongwei
Hongwei Ren *see* Ren Hongwei
Hongwei Shen *see* Shen Hongwei
Hongxi Guo *see* Chunhui Yan 42523
Hongxing Miao Application of the human factors engineering to the main control room design for 300 MW NPP 39802
Hongxing Wu *see* Wu Hongxing
Hongya Ge *see* Tufts, D.W. 44878
HongYan Chen *see* Huibing Liang 8818
Hongye Su *see* Jian Chu 25935
Hongyi Chen *see* Chen Hongyi
Hongyi Li, Deklerck, R., Cornelis, J. Integration of multiple knowledge sources in a system for brain CT-scan interpretation based on the blackboard model 39034
Hongyi Lin *see* Lin Hongyi
Hongyu Sheng *see* Sheng Hongyu
Hongyuan Sheng *see* Sheng Hongyuan
Hongyuan Xu, Guoqing Tang A hierarchical expert system for voltage/VAr control of electric power systems 7759
Hongyuan Xu *see* Xu Hongyuan
Hongzhi Zhao *see* Zhao Hongzhi
Honig, A., Alexander, N., Fan, Q., Wei, X., Yu, Y.Y. Achievement of transportable polarized D, in solid HD, with a one day passively maintained polarization 31618
Honig, G.W.N. *see* Verkerk, U.H. 46367
Honig, M.L. Channel shaping to maximize minimum distance 44854
Honingh, C.E., Wezelman, J.J., Dierichs, M.M.T.M., de Lange, G., Schaeffer, H.H.A., Klapwijk, T.M., de Graauw, T. Extensive test of the three-port quantum mixer theory on 345 GHz superconductor-insulator-superconductor mixers 2885
Honingh, C.E. *see* Dierichs, M.M.Th.M. 35264
Honjo, A. *see* Morimoto, T. 26177
Honjo, K. *see* Goto, N. 19981
Honjo, K. *see* Nagano, N. 34273
Honjo, K. *see* Shimawaki, H. 42187
Honjo, K. *see* Ueda, Y. 42890
Honjoya, Y. *see* Negishi, H. 6555
Honk, A.van *see* van Honk, A.
Honkala, I.S. *see* Etzion, T. 21635
Honkala, I.S. *see* Fang, G. 12847
Honkanen, S., Najafi, S.I., Wei-Jian Wang, Lefebvre, P., Tervonen, A. Integrated optical devices in glass by ionic masking 3155
Honkanen, S. *see* Chen, J.Y. 5647
Honkanen, S. *see* He, Q. 3553
Honkanen, S. *see* Lefebvre, P. 3137
Honkanen, S. *see* Najafi, S.I. 3110
Honkanen, S. *see* Saarinen, J. 3934
Honkanen, S. *see* Tervonen, A. 4229
Honkanen, S. *see* Tervonen, A. 11632
Honkanen, S. *see* Wang, W.J. 3086
Honkanen, S. *see* Wang, W.J. 3095
Honkanen, S. *see* Wang, W.J. 3156
Honl, R., Storbeck, C., Achtnig, K.-P. Miniaturised overvoltage protection for communications installations 44431
Honma, F. *see* Murota, J. 9651
Honma, H., Fujibayashi, K., Asano, K., Endo, M. Development of a 1 MJ SMES with quench enthalpy protection 25849
Honma, H. *see* Iwanaga, T. 23345
Honma, H. *see* Kosugi, S. 11986
Honma, H. *see* Kosugi, S. 12016
Honma, H. *see* Ochi, H. 1321
Honma, K. *see* Niwano, M. 42715
Honma, K. *see* Sampei, S. 37728
Honma, K. *see* Yamauchi, M. 15811
Honma, N., Shimizu, H., Munakata, C. Simplified AC photovoltaic measurement of minority carrier lifetime in Czochralski-grown silicon wafers having ring-distributed stacking faults 6710
Honma, S. *see* Hu, X. 20152
Honma, S. *see* Kawazoe, Y. 28386
Honma, T. *see* Tanabe, T. 7062
Honma, T. *see* Tsuchimoto, M. 41543
Honma, Y. *see* Toda, K. 38585
Honna, T. *see* Imada, G. 20637
Honnenhalli, S., Shiffer, J., Subramanyam, S., Eastwick, D., Kim, D.Y., Jiang, J. A high speed metal programmable static RAM compiler for 0.7 μm CMOS gate array 18693
Honorati, O. *see* Caricchi, F. 16743
Honore, M. *see* Huyberechts, G. 6405
Honore, P.F. *see* Adam, W. 46929
Honour, J. A digital readout for image converter cameras 23728
Honsberg, M. *see* Karstensen, H. 38117
Honscheid, K., Selen, M., Sivertz, M. Particle identification via Cherenkov correlated timing 46935
Honscheid, K. *see* Alexander, J.P. 24110
Honscheid, K. *see* Alexander, J.P. 46860
Honscheid, K. *see* Bebek, C.J. 31786
Honshima, M. *see* Kusunoki, M. 43250
Hontsu, S., Mukai, N., Ishii, J., Kawai, T., Kawai, S. *a*-axis oriented epitaxial $YBa_2Cu_3O_{7-y}/PrBa_2Cu_{3-x}Nb_xO_{7-z}$ multistructures 2875
Hontzopoulos, E., Fotakis, C., Doulgeridis, M. Excimer laser in art restoration 12500
Hontzopoulos, E. *see* Franghiadakis, Y. 18245
Hood, B. Effective turbine quieting needs accurate measurements 23943
Hood, K.J., Walland, P.W., Nuttall, C.L., St. Ville, L.J., Young, T.P., Oliphant, A., Marsden, R.P., Zubrzycki, J.T., Cannell. G., Bunney, C., Laude, J.P., Anson, M.J. Optical distribution systems for television studio applications 6052
Hood, T.I., Young, S. Circuit breakers designs for LV wye and delta systems 40351
Hoof, C.Van *see* Van Hoof, C.
Hooft, G.W.'t *see* 't Hooft, G.W.
Hoog, D. Integrated resource planning: a DSM case study 7906
Hoog, D.T., Hobbs, B.F. An integrated resource planning model considering customer value, emissions, and regional economic impacts 7815

Hoog, D.T. *see* Hobbs, B.F. 24850
Hoog, F.J.de *see* de Hoog, F.J.
Hooge, F.N. *see* Ren, L. 10672
Hoogenboom, J. *see* Bosman, F. 14831
Hooghiemstra, G. *see* Bavinck, H. 26271
Hooie, D.T. Status of SOFC development in USA 17323
Hooijmans, P. *see* Depovere, G. 30858
Hooijmans, P. *see* Wauters, N. 38098
Hooijmans, P.W. *see* Hageraats, H. 42096
Hook, A., Anderson, D., Lisak, M., Serkin, V.N., Afanasjev, V.V. Soliton-supported pulses at normal dispersion in optical fibers 20321
Hook, A., Serkin, V.N. Soliton-supported femtosecond pulses at normal dispersion in optical fibers 43433
Hook, A. *see* Karlsson, M. 20336
Hook, B., Shuman, D. Digital I/O with the PC 46314
Hook, J.P.van *see* van Hook, J.P.
Hook, S.J. *see* Kealy, P.S. 39355
Hook, T. *see* Chen, B. 20026
Hook, T.G., Morgan, T.A., Lee, R.J. Application of the San Onofre Safety Monitor to daily plant operations and maintenance activities 32601
Hooker, C.J. *see* Shaw, M.J. 3423
Hooker, J.A. *see* Blatt, J.H. 6424
Hooker, J.A. *see* Blatt, J.H. 6790
Hooker, M.A. Analytic first and second derivatives for the recursive prediction error algorithm's log likelihood function 44933
Hooker, M.W., Wise, S.A., Selim, R., Caton, R., Buoncristiani, A.M. High T_c leads for remote sensing applications 24489
Hoole, A.C.F., Moore, D.F., Broers, A.N. Directly patterned low voltage planar tungsten lateral field emission structures 27411
Hoole, A.C.F. *see* Moore, D.F. 31193
Hoole, A.C.F. *see* Moore, D.F. 46391
Hoole, A.C.F. *see* Rosolen, G.C. 2305
Hoolihan, D.D. Radiated emission testing: special considerations: OATS, calibration, and other technical factors 36282
Hoolihan, D.D. EMC requirements for ISM 44421
Hooman, J. Compositional verification of a distributed real-time arbitration protocol 45367
Hoon Jun Chi *see* Chi Hoon Jun
Hoon Kim Doh *see* Doh Hoon Kim
Hoon Kwak Chong *see* Chong Hoon Kwak
Hoon Lee Jung *see* Jung Hoon Lee
Hoon Lee Sang *see* Sang Hoon Lee
Hoon Lee Seung *see* Seung Hoon Lee
Hoon Lim Chae *see* Chae Hoon Lim
Hoon Oh Chang *see* Chang Hoon Oh
Hoon Yoon Kyung *see* Kyung Hoon Yoon
Hoon Young Cho *see* Suk-Ki Min 40474
Hoong Choo Fook *see* Choo Fook Hoong
Hooper, C. *see* Nguyen, L. 1526
Hooper, W.W. *see* Ghandour, O.A. 34238
Hoorfar, A., Gupta, K.C., Chang, D.C. Effects of cylindrical curvature on radiation from a microstrip antenna with a thick cover layer 4278
Hoorfar, A., Zheng, J.X., Chang, D.C. Numerical modeling of crossover and other junction discontinuities in two-layer microstrip circuits 10504
Hoots, J.E., Sotoudeh, K. Versatile use of fluorescent tracers in cooling and boiling water systems [of power stations] 47615
Hoover, A., Goldgof, D., Bowyer, K. Building a B-rep from a segmented range image 37041
Hope, G.S. *see* Chen, G.P. 32220
Hope, G.S. *see* Chen, R.H. 24690
Hope, G.S. *see* Chen, R.H. 32470
Hope, G.S. *see* Gilany, M.I. 32419
Hope, G.S. *see* Roy, S. 25239
Hope, G.S. *see* Zhang, Y. 32310
Hopf, A.M. Highly accelerated life testing for design and process improvement 23942
Hopf, B. *see* Becks, T. 42230
Hopf, C. Comparison of lightning radiated electric fields and LEMP-calculations 36266
Hopf, H.-G. *see* Geiger, R. 34326
Hopf, J.F. *see* Lindenmeier, H.K. 12738
Hopf, J.F. *see* Lindenmeier, H.K. 21388
Hopfel, R.A. *see* Juen, S. 44015
Hopfmuller, A. *see* Mann, K. 3749
Hopfmuller, H., Kehl, W., Schapeler, G. Application of a model based expert system to the maintenance of a MAN 14209
Hopfner, K. ν_τ-detection using a new capillary target 46946
Hopfner, K. *see* Konijn, J. 24087
Hopiavuori, M. *see* Hodge, K.G. 5876
Hopkin, V.D. Color on air-traffic-control displays 39243
Hopkins, A. *see* Girouard, F.R. 24454
Hopkins, D.C., Bhavnani, S.H. Determining conductor thickness in power hybrid circuits that operate at long wavelength frequencies 19267
Hopkins, I.H., Hopkinson, G.R. Random telegraph signals from proton-irradiated CCDs 38572
Hopkins, K. Empowering the manufacturing employee through training 33275
Hopkins, L.C. *see* Griffith, J.E. 27927
Hopkins, P.F. *see* Keay, B.J. 42529
Hopkins, P.F. *see* Mar, D.J. 28199
Hopkins, P.F. *see* Marcus, C.M. 42490
Hopkins, R. Progress on HDTV broadcasting standards in the United States 46215
Hopkinson, G.R. *see* Hopkins, I.H. 38572
Hopkinson, M. *see* Mowbray, D.J. 33629
Hopkinson, T.M., Butler, G.M. A pipelined, high-precision FFT architecture 10216
Hopland, S., Klykken, A. Installation of submarine fiberoptic cables in rugged coastal terrain 5927
Hopmann, A.R. *see* Kuczka, J.H. 205
Hopner, A. *see* Brandt, M.S. 3367
Hopp, B. *see* Bor, Z. 15911
Hopp, T.H. Computational metrology 23405
Hoppe, M.H. The effects of national culture on the theory and practice of managing R&D professionals abroad 163
Hoppel, K.W. *see* Schuler, D.L. 39401
Hopper, A. *see* Biswas, S.K. 37116
Hopper, A. *see* Harter, A. 37507
Hopper, A. *see* Jones, A. 22605
Hopper, D.G. Digital flat panel cockpit displays and specification 39278
Hopper, D.G. Cockpit display requirements and specifications 47192
Hoppner, W. *see* Bauch, L. 2356
Hopwood, J. *see* Rossnagel, S.M. 42751
Hoque, A., Beattie, W.C., Ahsan, Q. Alternative energy sources in Bangladesh 25112
Hor Maw-Kae *see* Maw-Kae Hor
Hora, H. *see* Boreham, B.W. 3684
Hora, H. *see* Hauser, T. 46709
Horadam, K.J., de Launey, W. Cocyclic development of designs 531
Horak, R. Automatic target recognition using a photograph 23095
Horak, T. *see* Brandstetter, P. 8870
Horan, P. Direct optical implementation of lateral inhibition and excitation 20474
Horan, P. *see* Jennings, A. 11757
Horan, P. *see* Jennings, A. 11789
Horan, P. *see* Jennings, A. 43573
Horan, S.J. *see* Georghiou, G.A. 14540
Horanyi, G., Wieckowski, A. Studies of Methanol and Formic Acid Electrosorption by the Use of Radioactive Labelling on Rough and Smooth Platinum Electrodes 17294
Horaud, R. *see* Herault, L. 4790
Horazak, D. *see* Robertson, A. 8163
Horchens, H. Medium voltage load disconnection switch for outdoor application 8668
Hordon, L.S., Zhirong Huang, Maluf, N., Browning, R., Pease, R.F.W. Limits of low-energy electron optics 29106
Hordvik, U. *see* Ferran, P.M. 38887
Hore, L.M. Return loss of metallic telecommunications cables due to periodic and random structural variation and temperature 5685
Horenstein, M. *see* Greenwald, A. 9781
Horer, J., Weich, K., Mohrle, W., Sartorius, B. Optimization of the optical switching characteristics of two-section Fabry-Perot lasers 43884
Horer, J. *see* Sartorius, B. 35821
Horer, J. *see* Weich, K. 43950
Hori, H., Kondo, J. Contrast ratio for transmissive-type TFT-addressed LCDs under ambient-light illumination 15133
Hori, I. *see* Kato, K. 25582
Hori, J. *see* Saitoh, Y. 31928
Hori, K. 4 microphones power advanced, 3-dimensional sound intensity measuring system 38753
Hori, M., Kurosawa, Y. Protection relay systems employing PCM telecommunication 39646
Hori, M., Nomura, M., Kataoka, Y., Sugimoto, T., Matsuoka, K. Electromagnetic guidance control by use of Kalman filter state estimation 17524
Hori, M. *see* Fukui, M. 17854
Hori, N. *see* Gisin, N. 43462
Hori, O. *see* Ishii, T. 45111
Hori, S. *see* Shimakura, Y. 16122
Hori, T., Hiromoto, N. The power increase and absolute frequency-stabilization of an optically-pumped far infrared laser 20639
Hori, T., Toyoda, H., Hara, T. Asymmetry analysis of two-dimensional optical phase-modulation characteristics of a microchannel spatial light modulator (MSLM) 43516
Hori, T. *see* Ishida, M. 8501
Hori, T. *see* Ishida, M. 8651
Hori, T. *see* Ishida, M. 40153
Hori, Y. Search for energy in the Earth—hot dry rock geothermal power in new spotlight 40037
Hori, Y., Iseki, H., Sugiura, K. Basic consideration of vibration suppression and disturbance rejection control of n-inertia system using SFLAC (state feedback and load acceleration control) 16765
Hori, Y. *see* Kobayashi, M. 7005
Hori, Y. *see* Matsui, N. 25377
Hori, Y. *see* Nakajima, K. 23824
Horiba, T. Development of high-efficiency fuel cells 48107
Horiba, Y. *see* Kawai, H. 18763
Horicke, M. *see* Daweritz, L. 41351
Horicke, M. *see* Krispin, P. 10706
Horie, H., Fukino, M., Irie, N., Yasuda, H., Takahashi, K. Development of a super quick charging system for electric vehicles 48284
Horie, H., Ozaki, T., Shirai, H., Iizuka, Y. Facsimile image high speed coding and decoding processor 30365
Horie, H. *see* Hayakawa, T. 3628
Horie, H. *see* Hayakawa, T. 12239
Horie, H. *see* Irie, N. 48321
Horie, H. *see* Suzuki, K. 28127
Horie, H. *see* Suzuki, K. 34960
Horie, K. *see* Tanizawa, M. 28132
Horie, M., Tamura, T., Ohgaki, M., Yoshida, H., Kisaka, Y., Kobayashi, Y. TeSeF films by TeSe-SeF_6/Ar reactive sputtering for ablative optical recording 33730
Horie, T. *see* Kazuno, Y. 38574
Horigome, M., Kawasaki, Y., Qin Qin Chen Preventive replacement policies and their application to Weibull distribution 33447
Horigome, M. *see* Chin, Q.Q. 26262
Horigome, T. *see* Takashima, T. 48112
Horiguchi, A. *see* Oyama, T. 39684
Horiguchi, M., Sakata, T., Itoh, K. Switched-source-impedance CMOS circuit for low standby subthreshold current giga-scale LSI's 28261
Horiguchi, M. *see* Kawahara, T. 26925
Horiguchi, M. *see* Kitagawa, T. 35477
Horiguchi, M. *see* Kitsukawa, G. 26921
Horiguchi, M. *see* Kitsukawa, G. 26953
Horiguchi, M. *see* Shuto, K. 28499
Horiguchi, M. *see* Takeuchi, Y. 43426
Horiguchi, M. *see* Yamada, M. 20683
Horiguchi, N. *see* Yoshida, K. 3183
Horiguchi, P. *see* Tanaka, H. 1237
Horiguchi, S., Fukuda, S. Yield enhancement architecture of WSI cube-connected cycle 41984
Horiguchi, S. *see* Numata, I. 41981
Horiguchi, S. *see* Omura, Y. 42956
Horiguchi, S. *see* Yoshida, H. 28694
Horiguchi, T. *see* Mori, H. 24736
Horiguchi, T. *see* Mori, H. 24770
Horiguchi, T. *see* Sankawa, I. 6003
Horiguchi, T. *see* Shimizu, K. 12248
Horiguchi, T. *see* Shimizu, K. 21021
Horiguchi, T. *see* Shimizu, K. 35417
Horiguchi, T. *see* Shimizu, K. 35899
Horihata, S. *see* Miyatake, T. 46448
Horii, H. *see* Wada, A. 7976
Horii, K., Ohsumi, K., Tomita, Y., Hamade, T., Shimo, Y., Matsumae, Y. Novel spiral-air system for optical fiber and cable installation 5925
Horii, K. *see* Nakamura, K. 20647
Horii, K. *see* Yamabe, C. 25848
Horii, N. *see* Davydov, D.N. 12540
Horii, S. *see* Hatashita, H. 5807
Horii, Y., Hira, M., Nakagawa, T., Kurazono, S. Optical control of the short-terminated microstrip filter utilizing current distribution of the standing wave 27196
Horii, Y., Inata, K., Nakagawa, T., Kurazono, S. Optical control of microstrip band elimination filter utilizing semiconductor plasma 27195
Horiie, T. *see* Takagi, T. 34283
Horiike, Y. *see* Fukasawa, T. 27714
Horiike, Y. *see* Shingubara, S. 2240
Horikawa, H. *see* Sin, Y.K. 20798
Horikawa, K. *see* Kobayashi, T. 37344
Horikawa, M., Ebihara, S., Sakai, F., Akiyama, M. Non-invasive measurement method for hardness in muscular tissues 31901
Horikawa, T. *see* Tahata, S. 15150
Horike, Y. *see* Sakaue, H. 18275
Horikoshi, E., Miyahara, S., Sasaki, M., Tani, M. Thin-film circuit board using a polymer blend dielectric 1741
Horikoshi, H. *see* Takayama, J. 38015
Horikoshi, J. *see* Hakamata, K. 12604
Horikoshi, Y. *see* Jourdan, N. 18173
Horillo, M.C. *see* Gutierrez, F.J. 6661
Horima, H. *see* Amano, T. 3056
Horimatsu, T., Fujimoto, N., Wakao, K., Yano, M. Optical parallel interconnection based on group multiplexing and coding technique 35639
Horimatsu, T. *see* Rokugawa, H. 38119
Horimoto, N. *see* Koyanagi, T. 38971
Horinaka, H. *see* Saka, T. 23991
Horinchi, T. *see* Inoue, T. 41936
Horine, B. *see* Almar, R. 2759
Horine, B. *see* Gore, J. 327
Horino, Y. *see* Yokota, K. 10805
Horino, Y. *see* Yokota, K. 19780
Horinouchi, K., Sata, M., Shiozawa, T. Analysis of characteristics of a Cherenkov laser for an electromagnetic wave with continuous frequency spectrum 20920
Horinouchi, K., Shiozawa, T. Analysis of dynamic behavior of an open-boundary Cherenkov laser 20931
Horinouchi, K. *see* Shiozawa, T. 43966
Horio, K. Two-dimensional analysis of cutoff frequencies of GaAs MESFETs with various substrate conditions 11249
Horio, K., Nakatani, A. Two-dimensional simulations of cutoff frequency characteristics for AlGaAs/GaAs HBTs with planar structures 19777
Horio, Y. *see* Kanou, N. 18924
Horio, Y. *see* Kanou, N. 42102
Horio, Y. *see* Nakamura, S. 10327
Horioka, K. *see* Kasuya, K. 20631
Horioka, T. *see* Yamasaki, H. 25824
Horishima, T. *see* Yatsuda, H. 2761
Horita, M., Suzuki, M., Matsushima, Y., Utaka, K. Impurity doping in InP layer grown by

metalorganic vapor-phase epitaxy using tertiarybutylphosphine and organic doping sources 2018
Horita, M., Tsurusawa, M., Utaka, K., Matsushima, Y. Wavelength-tunable InGaAsP-InP multiple-λ/4-shifted distributed feedback laser 12168
Horita, S. *see* Manic, I. 847
Horita, T., Sakai, N., Kawada, T., Yokokawa, H., Dokiya, M. Reaction of SOFC components with sealing materials 40457
Horita, T. *see* Dokiya, M. 16737
Horita, T. *see* Yokokawa, H. 17346
Horiuchi, H. *see* Hashiguchi, S. 19883
Horiuchi, K. *see* Karahashi, K. 42682
Horiuchi, K. *see* Tanaka, H.-A. 26671
Horiuchi, K. *see* Watanabe, S. 34716
Horiuchi, M. *see* Mochizuki, K. 19794
Horiuchi, T., Homma, T., Murao, Y., Okumura, K. An asymmetric sidewall process for high performance LDD MOSFET's 42935
Horiuchi, T., Toraichi, K., Yamada, H., Yamamoto, K. Measurement of stamped characters using range image and its effectiveness 45114
Horiuchi, T. *see* Inoue, T. 27000
Horiuchi, T. *see* Tamechika, E. 27845
Horiuchi, T. *see* Toraichi, K. 15701
Horiuchi, Y., Yamamoto, S., Akiba, S., Wakabayashi, H. Highly accurate fault localization over 4580 km optical amplifier system using coherent Rayleigh backscatter reflectometry 30845
Horlait, E. *see* Fedaoui, L. 14121
Horle, J. The Olympus experience: overview and results of the application activities 22928
Horlin, T. Maximum entropy in impedance spectroscopy of non-inductive systems 31380
Horlitz, G. Review of large-scale cryogenic systems for accelerators 6990
Hormadaly, J. *see* Gallo, S. 17855
Hormann, O. Linear direct drives dynamic, economic, innovative 40532
Hormes, J. *see* Einfeld, D. 15326
Hormozi, F.J. *see* Vancers, I. 24896
Horn, B.W. *see* Byrd, D.A. 27839
Horn, F. *see* Blair, G. 13974
Horn, J. *see* Busch, M. 39917
Horn, J. *see* Genz, H. 15271
Horn, K.A. *see* Beeson, K.W. 43541
Horn, K.M. *see* Sexton, F.W. 35074
Horn, M.W., Hartney, M.A., Kunz, R.R. Comparison of etching tools for resist pattern transfer 10924
Horn, M.W. *see* Sung, K.T. 19555
Horn, R. *see* Klinger, V.M. 1466
Horn, S., Buser, R. Uncooled sensor technology 31276
Horn-von Hoegen, M., Al Falou, A., Muller, B.H., Kohler, U., Andersohn, L., Dahlheimer, B., Henzler, M. Surfactant-stabilized strained Ge cones on Si(001) 33648
Horn-von Hoegen, M., Muller, B.H., Al-Falou, A., Henzler, M. Surfactant induced reversible changes of surface morphology 734
Hornak, J.P. *see* Szeglowski, S.D. 47060
Hornak, L.A., Tewksbury, S.K., Nariman, H.E. GaAs heteroepitaxy with submicron Si CMOS: an experimental compatibility study 2657
Hornak, L.A. *see* Tewksbury, S.K. 20578
Hornak, L.A. *see* Tewksbury, S.K. 40930
Hornauer, G., Stephan, W., Wernsdorf, R. Markov ciphers and alternating groups 36546
Hornauer, U. *see* Wolf, H. 42631
Hornbeek, M. *see* Ahtianen, A. 30235
Hornblad, P., Lindblad, T., Lindsey, C.S., Szekely, G., Eide, A. Filtering data from a drift-chamber detector using neural networks 7233
Hornby, A.M., Baker, H.J., Colley, A.D., Hall, D.R. Phase locking of linear arrays of CO_2 waveguide lasers by the waveguide-confined Talbot effect 11955
Horne, C. Improving block based motion estimation by the use of global motion 29970
Horne, C.R. *see* Minh, N.Q. 17285
Horne, E. *see* Lam, K.P. 13574
Horne, R.J. *see* Barber, K.W. 7964
Horne, W.E. *see* Morgan, M.D. 7552
Horne, W.F., Hudson, B.H. Evaluation of candidate millimeter wave radars for synthetic vision 47185
Horneber, E.-H. *see* Voigt, B. 10085
Horneber, E.H. *see* Erbar, M. 36298
Hornecker, E. *see* Visser, H. 47124
Horner, A., Beauchamp, J., Haken, L. Machine tongues XVI: genetic algorithms and their application to FM matching synthesis 46269
Horner, C. *see* Hindus, D. 29537
Horner, J.L. *see* Grycewicz, T.J. 36862
Horner, R. *see* Couto, L. 17887
Horner, S., Holls, W., Crilly, P.B. Non-invasive fetal electrocardiograph enhancement 15881
Hornfeldt, S., Albertsson, O., Konig, F., Bonmann, D. Superconducting transformers 32902
Horng, B.-R., Samueli, H., Wilson, A.N., Jr. The design of two-channel lattice-structure perfect-reconstruction filter banks using powers-of-two coefficients 18875
Horng, B.-R. *see* Longo, L. 33933
Horng, L. *see* Chen, K. 35296
Horng, S.T. *see* Goorsky, M.S. 1897
Horng, T.-S., Alexopoulos, N.G., Wu, S.-C., Yang, H.-Y. Full-wave spectral-domain analysis for open microstrip discontinuities of arbitrary shape including radiation and surface-wave losses 12691
Horng, T.-S., Wang, C.-C., Alexopoulos, N.G. Microstrip circuit design using neural networks 1491
Horng Chi-Song *see* Chi-Song Horng
Horng Juang Miin *see* Miin Horng Juang
Horng Nan Chern, Chung Len Lee, Tan Fu Lei The effects of H_2-O_2-plasma treatment on the characteristics of polysilicon thin-film transistors 34958
Horng Tzyy-Sheng *see* Tzyy-Sheng Horng
Horng-Chih Lin, Hsiao-Yi Lin, Chun-Yen Chang, Tan-Fu Lei, Wang, P.J., Chih-Yeh Chao Growth of undoped polycrystalline Si by an ultrahigh vacuum chemical vapor deposition system 837
Horng-Chih Lin, Hsiao-Yi Lin, Chun-Yen Chang, Tan-Fu Lei, Wang, P.J., Ray-Chern Deng, Jandel Lin Deposition of in situ boron-doped polycrystalline silicon films at reduced pressures 33688
Horng-Chih Lin, Hsiao-Yi Lin, Chung-Yen Chang, Tan-Fu Lei, Wang, P.J., Ray-Chern Deng, Jandel Lin, Chih-Yeh Chao Anomalous doping behavior of in situ boron-doped polycrystalline silicon deposited by ultrahigh vacuum chemical vapor deposition 2052
Horng-Chih Lin, Tze-Guei Jung, Hsiao-Yi Lin, Chun-Yen Chang, Tan-Fu Lei, Wang, P.J., Ray-Chern Deng, Jandel Lin, Chih-Yeh Chao Deposition and device application of in situ boron-doped polycrystalline SiGe films grown at low temperatures 9755
Horng-Chih Lin *see* Tz-Guei Jung 26448
Horng-Dean Chen, Kin-Lu Wong Analysis of spherical annular-ring microstrip structures with an air gap 36389
Horng-Dean Chen *see* Kin Lu Wong 21420
Horng-Jye Chiou *see* Chu-Fang Wang 38846
Horng-Rung Chen *see* Der-Cherng Liu 42477
Horning, D.W. Integration of digital design tools into a digital design-sequence 41804
Horning, G. A method to monitor the thermal stress of power devices for direct stator flux controlled AC drives 17465
Horning, J.J. *see* Saxe, J.B. 26578
Horning, J.J. *see* Saxe, J.B. 33825
Horning, R.D., Mirza, A., Martin, R.R. Characterization of Si-Si bonding by Wright etching 42678
Horning, R.D. *see* Cole, B.E. 9777
Horno, M. *see* Marques, R. 21339
Horno, M. *see* Marques, R. 29247
Horno, M. *see* Martel, J. 10413
Horno, M. *see* Martel, J. 18987
Horno, M. *see* Martel, J. 27289
Horno, M. *see* Medina, F. 29256
Horno, M. *see* Mesa, F. 12704
Hornsby, J., O'Neil, R.A., St.-Pierre, M. Commercialization, user development, and data access in the RADARSAT program 32075
Hornsey, R.I., Cleaver, J.R.A., Ahmed, H. Fabrication of mesoscopic structures by channeled ion implantation for the study of boundary scattering of electrons 27547
Hornsleth, S.N. *see* Raskmark, P. 24340
Hornsten, E.G. *see* Winquist, F. 23757
Hornung, B. *see* Hattangady, S. 2174
Hornung, B. *see* Hattangady, S. 27690
Hornung, C. *see* Jager, M. 5587
Hornung, J., Wang, Z.G., Bronner, W., Olander, E., Kohler, K., Ganser, P., Raynor, B., Benz, W., Ludwig, M. 7.4 Gbit monolithically integrated GaAs/AlGaAs laser diode-laser driver structure 3380
Hornung, J. *see* Bronner, W. 20585
Hornung, M. *see* Stupp, H. 1828
Hornung, S., Frost, P., Kerry, J., Warren, J. Flexible architecture and plant for optical access networks 5629
Horoi, M. *see* Clausnitzer, G. 31621
Horowitz, B. *see* Azarbayejani, A.J. 37043
Horowitz, M., Bekker, A., Fischer, B. Image and hologram fixing method with $Sr_xBa_{1-x}Nb_2O_6$ crystals 21100
Horowitz, M., Chan, A., Cobrunson, J., Gasbarro, J., Lee, T., Leung, W., Richardson, W., Thrush, T., Fujii, Y. PLL design for a 500 MB/s interface 33939
Horowitz, M. *see* Dean, M.E. 41872
Horowitz, M. *see* Fischer, B. 44068
Horowitz, M. *see* Kao, R. 33850
Horowitz, M. *see* Nowick, S.M. 10035
Horowitz, M.A. *see* Maneatis, J.G. 26744
Horowitz, M.A. *see* Maneatis, J.G. 41708
Horowitz, Y.S., Hirning, C.R., Yuen, P., Aikens, M. Beta ray spectroscopy based on a plastic scintillation detector/silicon surface barrier detector coincidence telescope 31798
Horrell, D.K. *see* Blundell, B.G. 15154
Horrell, D.K. *see* Blundell, B.G. 46547
Horrigan, A. *see* Radisic, V. 21347
Horrigan, F.A. *see* Egri, R.G. 44662
Horrigan, J. *see* Bliss, D.F. 41234
Horrigan, J.A. *see* Davis, A. 9592
Horrillo, M.C. *see* Dutronc, P. 6641
Horrillo, M.C. *see* Gutierrez, F.J. 6636
Horrocks, D.H., Bull, D.R. FIR digital filters using a least-squares derived recursive section 13464
Horrocks, D.J. *see* Anders, G.J. 32425
Horrocks, D.J. *see* Braun, J.M. 16370
Horrocks, J.A. *see* Martinez-Davalos, A. 7342
Horrocks, R. *see* Ladommatos, N. 48431
Horsell, R.K. *see* Ghose, K. 5966
Horsky, T.N. *see* Mitchell, P.V. 3279
Horsley, D. *see* Parker, J.R. 36867
Horst, R.Ter *see* Ter Horst, R.
Horster, P. Self-modifying interconnection networks—a new concept for establishing cryptographic basic functions 36529
Horster, P. *see* Bauspiess, F. 37408
Horsthuis, W.H.G., Hofstraat, J.W., Heideman, J.-L.P., Mohlmann, G.R. Loss mechanisms and measurements in polymer waveguides 43464
Horsthuis, W.H.G., Klein Koerkamp, M.M., Heideman, J.-L.P., Mertens, H.W., Hams, B.H. Polymer based integrated optic devices 43506
Horsthuis, W.H.G. *see* Otomo, A. 21002
Horswill, I. *see* Coombs, D. 30018
Horten, M. The hot new star of microchips [Pentium microprocessor] 26984
Hortmann, W. *see* Essmann, J. 8102
Horton, C.R., Abend, K. Adaptive array antenna for satellite cellular and direct broadcast communications 36418
Horton, J.A., King, N.J. The power of computers [subscriber loop plant CAD] 5624
Horton, J.B. *see* Yang, C.C. 19100
Horton, J.H., Moggridge, G.D., Ormerod, R.M., Kolobov, A.V., Lambert, R.M. Electron spectroscopic study of the growth, composition and stability of GeS_x films prepared in ultra-high vacuum 33749
Horton, J.S. *see* Parker, J.L., Jr. 34429
Horton, T.E. An algorithm for studying inversion in gas dynamic systems 20619
Horton, W. *see* Nakajima, K. 7013
Horton, W. *see* Watson, G. 15103
Horvath, J.A. Nondestructive acoustic microscopy evaluations of internal lamination and bonding behavior in PGA's, MCM's and microwave ceramic packages 405
Horvath, M., Borka, J. Forming some hundred ampere AC current with high rate of rise applying high frequency energy converter 17637
Horwedel, J.H. *see* Gauldin, M.A. 22728
Horwitz, A.E., Schweighofer-Berberich, K., Schneider, K., Kohn, M.M., Bakowski, C., Stein, E., Freidhof, C., Fendel, H. Selected image quality parameters in a survey using a test phantom in radiological departments and offices in the Federal Republic of Germany 24173
Horwitz, A.E. *see* Schneider, K. 24171
Horwitz, C.M., Puzzer, T., Melngailis, J. Radio-frequency Ar sputter etch rates: theory and experiment 2132
Horwitz, C.M. *see* Huang, R.-S. 23566
Hosain, S.I. *see* Pigeon, F. 6522
Hosaka, H., Kuwano, H., Yanagisawa, K. Electromagnetic microrelays: concepts and fundamental characteristics 27340
Hosaka, K. *see* Nakagawa, Y. 28346
Hosaka, Y. *see* Kondoh, Y. 18086
Hosako, I. *see* Komiyama, S. 12228
Hosbons, R.R. *see* Carter, T.J. 8087
Hoschl, P., Moravec, P., Franc, J., Grill, R., Milev, P., Belas, E. Galvanomagnetic study of p-$Hg_{1-x}Cd_xTe$ passivated surfaces 27733
Hosemann, G., Steigerwald, H.M. Modal saturation detector for digital differential protection 16443
Hoshi, H. *see* Kikuchi, A. 41313
Hoshi, H. *see* Yamaguchi, E. 20426
Hoshi, H. *see* Yamamoto, M. 20420
Hoshi, K., Kawata, T. A study on network configurations for leased circuits in metropolitan areas 13990
Hoshi, K.-I. *see* Fujimoto, M. 20138
Hoshi, M. *see* Matsushita, T. 28172
Hoshi, N., Kawamura, A. Plane ultrasonic piezoelectric actuators 17137
Hoshihara, N., Yamasaka, K., Iwamura, A., Iwamoto, K., Toyoda, M., Onoda, Y., Ohta, A. Sealed lead-acid battery for electric vehicles 48256
Hoshihara, Y., Abe, M., Sekiguchi, T. Scattering and diffraction of electromagnetic fields by two-dimensional conducting strip 4055
Hoshikawa, K. *see* Kang, J. 41237
Hoshikawa, T. *see* Nakajima, J. 6165
Hoshikuki, A., Yamamoto, M., Ishii, S., Kohno, R., Imai, H. Implementation of an industrial R/C system using a hybrid DS/FH spread spectrum technique 5730
Hoshimi, M. *see* Niyada, K. 44790
Hoshimiya, N. *see* Kitaizumi, T. 31925
Hoshimura, Y., Yamamoto, S. Suppression of electrical treeing by addition of lithium carbonate to low density polyethylene 2728
Hoshina, H. *see* Onishi, H. 7962
Hoshino, A. *see* Ikawa, A. 45543
Hoshino, C. *see* Makino, M. 48287
Hoshino, F. *see* Ishii, T. 45111
Hoshino, H. *see* Yamaguchi, M. 36048

Hoshino, K. Application for magnetic shielding system using high-T_c oxide superconductor 21275
Hoshino, K., Kotaka, H., Koike, A., Sudoh, E., Ohta, H. Helmet-size vessels of high-T_c oxide superconductor for magnetic shield 2895
Hoshino, K. *see* Matsuoka, M. 9679
Hoshino, S. *see* Suetsugu, Y. 35418
Hoshino, T. *see* Yagi, K. 3013
Hoshino, Y. *see* Akitsu, H. 13477
Hoshino, Y. *see* Okamura, H. 30664
Hoshinouchi, S. *see* Murakami, K. 19232
Hoshstrasser, B. *see* Miller, C.A. 39214
Hosie, W.A., Schurek, C.E. Distribution design with AM/FM at TransAlta Utilities 24933
Hosking, F.M., Vianco, P.T., Hernandez, C.L., Rejent, J.A. Wetting behavior of alternative solder alloys 34412
Hosking, M. New wave microwaves; 1: basic concepts, circuits and devices 42128
Hosking, M.W., Tonkin, B.A., Proykova, Y.G., Hewitt, A., Alford, N.McN., Button, T.W., Penn, S.J. Measurements of material and circuit properties using a microstrip ring-resonator circuit on zirconia at 77 K 27292
Hosking, R. Polyphase direct conversion SSB 45748
Hoskins, D.A., Vagners, J. Image compression using iterated function systems and revolutionary programming: image compression without image metrics 29919
Hoskote, Y.V., Moondanos, J., Abraham, J.A., Fussell, D.S. Verification of circuits described in VHDL through extraction of design intent 41733
Hosny, E.A. *see* Sobhy, M.I. 26647
Hosny, E.E. *see* Nasser, A.A.A. 996
Hosny, M.Samy *see* Samy Hosny, M.
Hosoda, M., Kawashima, K., Tominaga, K., Fujiwara, K. A metastable state in self-electro-optic effect devices using Stark ladder transitions 44103
Hosoda, M. *see* Yamamoto, T. 10686
Hosoda, N. *see* Hara, T. 10988
Hosoda, T., Hatsugai, N., Funabashi, N., Iwata, M. High voltage gas switch with ground directional relay set 25584
Hosoda, T. *see* Ohno, E. 42927
Hosoda, Y. *see* Matsumura, H. 18269
Hosoe, S., Yoshida, T. Applied measurements of multipurpose precise interferometer (AMOS-1) 38705
Hosogi, K. *see* Ishikawa, T. 35035
Hosoi, N. *see* Ohshita, Y. 2113
Hosokawa, C. *see* Tokailin, H. 35596
Hosokawa, H.B. *see* Nishiwaki, H. 17385
Hosokawa, K., Owashi, H., Yoshizawa, K., Yoshikoshi, M., Takahashi, T. Improvement of picture quality in variable play of D-2 VTR: field conversion system using motion adaptive signal processing 31055
Hosokawa, K. *see* Morimitsu, M. 48072
Hosokawa, M. *see* Nakanishi, S. 9194
Hosokawa, S. *see* Masuda, S. 4006
Hosokawa, S. *see* Masuda, S. 4007
Hosokawa, S. *see* Nagayama, A. 22478
Hosokawa, T. *see* Miyamoto, H. 20434
Hosokawa, T. *see* Yamada, K. 46802
Hosom, J.-P. *see* Yamaguchi, M. 21696
Hosomatsu, H. *see* Sudoh, T.K. 43885
Hosomatsu, H. *see* Suehiro, M. 12202
Hosomatsu, H. *see* Wada, M. 35578
Hosomi, K. *see* Mozume, T. 33598
Hosono, A., Tanabe, S. Magnetic properties and domain structures for Sendust and Fe-Zr-N films 20127
Hosono, F. *see* Koizumi, N. 20227
Hosono, F. *see* Tsuji, H. 28422
Hosono, H., Hinata, T., Hosono, T. Analysis of transient electromagnetic scattering from a circular cylinder with longitudinal slots 12579
Hosono, H. *see* Miura, H. 40421
Hosono, K. *see* Tsuji, K. 1353
Hosono, T., Yasui, K. Innovation in manufacturing by eliminating unnecessaries 26156
Hosono, T. *see* Hosono, H. 12579
Hosono, T. *see* Yamasaki, T. 4056
Hosono, T. *see* Yamasaki, T. 12548
Hosoya, E. *see* Ito, H. 28234
Hosoya, M., Saito, M., Uehara, T. Theory of non-magnetic contact development 4019
Hosoya, M. *see* Suda, R. 26895
Hoss, A. *see* Lerch, R. 16048
Hossack, D.M., Sewell, J.I. Computer-aided design of high order sigma-delta ADCs 42007
Hossack, J.A., Auld, B.A. Improved efficiency piezoelectric ceramic/polymer composite transducers 16042
Hossack, W.J. *see* Jakobsen, M.L. 13475
Hossack, W.J. *see* McOwan, P.W. 11705
Hossack, W.J. *see* Samus, S.S. 21121
Hossain, J., Sinha, C.S. Limiting CO_2 emissions in the power sector of India. Supply curves for wind and small hydro 8246
Hossain, M., Chu, P.L. High speed optical fibre phase modulator using acousto-optics technique 35516
Hossain, M. *see* Khan, W. 18558
Hossain, M. *see* Khan, W. 26770
Hossain, R., Wronski, L.D., Albicki, A. Signal generation for extended hyperbolic congruential frequency hop codes 37721
Hossain, S. *see* McDonald, R.C. 17201
Hossain, S.D., Pas, M.F. Heated SC1 solution for selective etching and resist particulate removal 19553
Hossein Haeri, M., Gervais, E. Economic benefits of appliance load control strategies using DAS 7765
Hosseini, M. *see* Luk, T. 373
Hosseini, S.H., Ledwich, G.F., Shannon, G.F. Voltage regulation by proportional microcontrolled switched capacitors 7796
Hosseini, S.H., Servatian, A., Seifi, A. A non-sinusoidal reference wave for PWM AC drives 17485
Hosseini, W. *see* Hindi, H. 7090
Hosseini-Ashrafi, M.E., Tuzun, U. Quantification of flowing bed porosity near the outlet of an axially symmetric hopper using single profile photon absorptiometry 23935
Hosseinmostafa, A.R. *see* Lytle, V.I. 32099
Hosseiny, A.A.Gh. *see* Toliyat, H.A. 17481
Hossfeld, J., Columbus, D., Sprave, H., Tschudi, T., Dultz, W. Polarizing computer-generated holograms 3920
Hossfeld, J. *see* Columbus, D. 36065
Hosszu, G. *see* Kovacs, F. 19821
Hostachy, J.Y. *see* Ballon, J. 7203
Hostachy, J.Y. *see* Ballon, J. 31716
Hostachy, J.Y. *see* Ballon, J. 46910
Hostachy, J.Y. *see* Chauvin, J. 46861
Hostalek, M. *see* Konig, F. 9515
Hostetler, L.D. *see* Fogler, R. 46040
Hosticka, B.J. *see* Hammerschmidt, D. 31210
Hosticka, B.J. *see* Kokozinski, R. 43039
Hosticka, B.J. *see* Moschen, J. 13780
Hostinsky, J., Budin, L. The roll of EMC in industrial automation 29219
Hotate, K., Kamatani, O. Optical coherence domain reflectometry by synthesis of coherence function 46650
Hotate, K. *see* Kamatani, O. 46652
Hotate, K. *see* Shi, C.-X. 20301
Hotate, K. *see* Takiguchi, K. 46466
Hotea, G. *see* Schreiter, G. 5882
Hotopp, R. Effects of the removal of reverse current diodes from photovoltaic electricity generating arrays 40468
Hotta, H. *see* Yoshikawa, T. 3608
Hotta, K., Ito, S., Arai, M. High-efficiency discharge excited rare-gas halide excimer lasers 20612
Hotta, K. *see* Umeda, H. 46377
Hotta, M., Geshiro, M., Kanoh, K., Kanetake, H. Effects of air gaps on butt-joints between isotropic and anisotropic planar waveguides 3092
Hotta, M., Geshiro, M., Sawa, S. Application of beam propagation method to discontinuities of weakly guiding structures 3091
Hotta, M., Geshiro, M., Sawa, S. Analysis of abrupt discontinuities in weakly guiding waveguides by a modified beam propagation method 29270
Hotta, M. *see* Geshiro, M. 20356
Hotta, M. *see* Ikeda, T. 20786
Hotta, M. *see* Mizushima, I. 42647
Hotta, M. *see* Tsuji, H. 28422
Hotta, N. *see* Hasegawa, H. 25004
Hotta, S. *see* Uchiyama, K. 43665
Hotta, T. *see* Nagamune, A. 25214
Hotta, T. *see* Yamaha, T. 34852
Hotter, M. *see* Schiller, H. 4871
Hottgenroth, D. *see* Michael, E. 12280
Hotz, A.F. *see* Corbett, E.G. 23160
Hou, A.S. *see* Li, K.D. 23592
Hou, C.L. *see* Yi, X.J. 33637
Hou, D. *see* Schweitzer, E.O., III 32477
Hou, D. *see* Schweitzer, E.O., III 32492
Hou, E.S.H. *see* Bin-ou Zhu 44926
Hou, G.R. *see* Kobayashi, T. 19732
Hou, H., Grossman, B. Neural network processor for n-mode fiber optic sensors 31243
Hou, H.Q., Cheng, A.N., Wieder, H.H., Chang, W.S.C., Tu, C.W. Electroabsorption of InAsP/InP strained multiple quantum wells for 1.3 μm waveguide modulators 3189
Hou, H.Q. *see* Chin, T.P. 41361
Hou, J.-Y., Rubinelli, F.A., Fonash, S.J., Bennett, I.M., Wiedeman, S., Yang, L.Y., Newton, J. Using computer simulation to understand detection enhancement in amorphous silicon structures 23577
Hou, K.M. *see* Meribout, M. 36827
Hou, L. *see* Watanabe, K. 26256
Hou, S. *see* Cushman, P. 31732
Hou, S. *see* Gurvitch, M. 35270
Hou, S.-S., Lin, T.-H. A liquid-pool simulation of droplet combustion in a swirl flow 15248
Hou, S.R. *see* Cushman, P. 24012
Hou, S.R. *see* Hulbert, M. 7206
Hou, S.Y. *see* Martens, J.S. 28414
Hou, S.Y. *see* Martens, J.S. 41855
Hou, T. *see* Goodman, J. 33553
Hou, X.Y. *see* He, Z.Q. 18206
Hou, X.Y. *see* Li, Z.S. 10966
Hou, Y., Sato, Y., Sugiyama, Y., Okamoto, T. Algebraic specification of sequential circuit with an unfixed number of modules and its verification 26904
Hou, Y. *see* Beaumont, S.P. 15637
Hou, Y.B. *see* Yang, Z.P. 8827
Hou Aimin *see* Aimin Hou
Hou Chan Chi *see* Chi Hou Chan
Hou Chaohuan *see* Zhu Yubin 1265
Hou Der-Ming *see* Der-Ming Hou
Hou Jaw-Huei *see* Jaw-Huei Hou
Hou Peihong *see* Peihong Hou
Hou Tianjin *see* Lan Ge 11921
Hou Tianjin *see* Tianjin Hou
Hou Wenbo, Yuan Duorong, Xu Dong, Zhang Nan, Yu Wentao, Liu Mingguo, Tao Xutang, Sun Suoying, Jiang Minhua A new organometallic nonlinear optical material—triallylthiourea mercury bromide (ATMB) crystal: growth and structure 9501
Hou Xiao-Yuan *see* Xiao-Yuan Hou
Hou Xiaozheng *see* Sun Guanghui 7862
Hou Xinli *see* Xinli Hou
Hou Yinchun *see* Yinchun Hou
Houck, G. *see* Bowen, C. 20067
Houck, J. *see* Weisenberger, A. 1815
Houck, T.L., Westenskow, G.A. Status of an induction accelerator driven, high-power microwave generator at Livermore 23954
Houck, T.L. *see* Fiorentini, G.M. 23955
Houck, W.E. *see* Fedynyshyn, T.H. 11046
Houck, W.E. *see* Fedynyshyn, T.H. 27960
Houdayer, A., Hinrichsen, P.F., Teesdale, W.J., Parpal, J.-L., Crine, J.-P. Micro-PIXE analysis of impurities in bow-tie trees 43197
Houdayer, A. *see* Parpal, J.-L. 24949
Houde-Walter, S.N. *see* Olmsted, B.L. 27527
Houde-Walter, S.N. *see* Smith, R.E. 43465
Houdre, R., Tuncel, E., Staehli, J.L. Growth and characterization of ultra-thin InAs/GaAs quantum wells 33640
Houdre, R. *see* Stanley, R.P. 12121
Houdt, J.Van *see* Van Houdt, J.
Hougaard, P. *see* Heiermann, G. 39896
Hough, J.H., Binns, P.J. Assimilation of a cylindrical geometry inside a Rossi counter 46924
Houghten, J. Step aside QFP—here comes OMPAC 9295
Houghten, J.L., Prioste, J.E. An ETL gate array implementation of a 2.5 Gb/s, 48-bit wide, channel programmable demultiplexer for fiber optic data transmission 23066
Houghton, A.J.N. *see* de Albuquerque, A.A. 45677
Houghton, C. *see* McKinney, D. 41920
Houghton, D., Oghanna, W. A generalised dynamic induction motor model 40197
Houghton, D.C., Davies, M., Dion, M. Design criteria for structurally stable, highly strained multiple quantum well devices 27509
Houghton, D.C., Davies, M., Sudersena Rao, T., Dion, M. Comparison of chemical beam epitaxy and metalorganic chemical vapour deposition for highly strained multiple quantum well InGaAsP/InP 1.5 μm lasers 43871
Houghton, D.C. *see* Jesson, D.E. 9597
Houghton, D.C. *see* LeGoues, F.K. 9569
Houghton, D.C. *see* Manku, T. 19356
Houghton, D.C. *see* Tu, C.W. *(editor)* 9103
Houghton, J.K. *see* Korenic, E.M. 44033
Houjun Wang *see* Wang Houjun
Houkes, H. *see* de Groot, J.J. 48452
Houlet, P. *see* Varani, L. 19707
Houlgate, R. *see* Akbar, A. 47551
Houlgreave, J.A. Statistical techniques for analysing water treeing data and implications for testing procedures 43158
Houlier, P. *see* Bouville, C. 31050
Houlihan, F.M. *see* Reichmanis, E. 42809
Houlis, P.H. *see* Koukourlis, C.S. 41718
Houliston, J.R., Ross, I.N., Key, M.H., Szatmari, S., Simon, P. Chirped pulse amplification in KrF lasers 20655
Houlton, M. *see* Thompson, J.H. 2017
Houmb, V. *see* Steinholt Bygdas, S. 14157
Hoummady, M. *see* Hauden, D. 46419
Houng, M.P., Wang, Y.H., Chen, H.H. An energy-and spatial-dependent effective mass approach for resonant interband tunneling devices 19726
Houng, M.P. *see* Liu, M.H. 19380
Houng, M.P. *see* Liu, M.H. 34576
Houng, M.P. *see* Shen-li Fu 18307
Houng, M.P. *see* Wang, Y.H. 28193
Houng, Y.M., Tan, M.R.T., Liang, B.W., Wang, S.Y., Yang, L., Mars, D.E. InGaAs(0.98 μm)/GaAs vertical cavity surface emitting laser grown by gas-source molecular beam epitaxy 43874
Hourai, H. *see* Adachi, N. 1837
Hourfar, D. *see* Eichhholtz, A. 47701
Hourican, M. *see* O'Shaughnessy, K. 47008
Hourihane, R. *see* O'Leary, A. 804
Hourman, P. *see* Guntermann, M. 37751
Housai, H. *see* Hattori, K. 27910
House, J.L. *see* Coronado, C.A. 41337
House, S.D., Hill, C.A. Status of the Air Force nickel hydrogen low earth orbit life test 39298
Houshmand, B., Rahmat-Samii, Y. Reflector antenna analysis software: an educational approach 40833
Houshmand, B. *see* Huang, T.-W. 1616

Houshmand, B. *see* Huang, T.-W. 21328
Houshmand, B. *see* Huang, T.-W. 27199
Houshmand, B. *see* Huang, T.-W. 42182
Houshmand, B. *see* Toland, B. 1562
Houshmand, B. *see* Toland, B. 21375
Houshmand, M. *see* Froemming, J. 25227
Houshu Wang *see* Wang Houshu
Houshuyama, O., Hatori, M., Alzawa, K. Selective projection algorithm for adaptive filters 29524
Housiaux, A. *see* Masson, M. 16526
Houssay, B. *see* Charrier, M. 28548
Houssaye, P.R.de la *see* de la Houssaye, P.R.
Houston, A.G. *see* Premkumar, S.B. 24337
Houston, J.M., Cromer, C.L., Hardis, J.E., Larason, T.C. Comparison of the NIST high accuracy cryogenic radiometer and the NIST scale of detector spectral response 23605
Houston, M.R. *see* Cloud, T.A. 9304
Houston, M.R. *see* Cloud, T.A. 17899
Houston, P. *see* Beaumont, S.P. 15637
Houston, P.A. *see* Yow, H.K. 28105
Hout, F.J.van *see* van Hout, F.J.
Hout, S.R.in 't *see* in 't Hout, S.R.
Hout, Y.Verhulst-van *see* Verhulst-van Hout, Y.
Houten, H.van *see* van Houten, H.
Houten, M.A.Van *see* Van Houten, M.A.
Houtgast, T. *see* Nomura, H. 6264
Houtman, H. Ultrafast analog computer circuits that use the Pockels effect 3255
Houttuin, J. Classifications in e-mail routing 30352
Houwman, E.P. *see* le Grand, J.B. 24051
Houzay, F. *see* Moison, J.M. 18205
Houze, F., Boyer, L., Noel, S., Viel, P., Lecayon, G., Bourin, J.-M. Electrical properties of very thin heat-treated polyacrylonitrile layers electropolymerized on nickel for contact application 42764
Houzelle, S. *see* Clement, V. 24456
Hove, G.ten *see* ten Hove, G.
hove, L.Van den *see* Van den hove, L.
Hove, M.van *see* van Hove, M.
Hovel, H.J. *see* Callegari, A. 27942
Hovel, S.A., Mulgrew, B. Analysis of drum sounds using higher order spectra 23360
Hoven, G.N.van den *see* van den Hoven, G.N.
Hovinen, M., Ding, J., Nurmikko, A.V., Grillo, D.C., Han, J., He, L., Gunshor, R.L. Blue-green laser emission from ZnSe quantum well microresonators 12219
Hovinen, M. *see* Salokatve, A. 12146
Hovinen, M. *see* Salokatve, A. 20767
Hovis, J.K. *see* Scharcanski, J. 29977
Hovorka, D. Prototyping advanced scientific communications networks using the Advanced Communications Technology Satellite (ACTS) 30678
How, H., Jiang, H., Widom, A., Vittoria, C. Quantum circuit theory and measurements on Y-Ba-Cu-O grain-boundary weak-link bridges 28419
How, H., Thaxter, J.B., Vittoria, C. Generation of Gaussian-like electromagnetic pulses 36280
Howald, L. *see* Dammer, U. 28348
Howald, R.L. Phase noise and BER. 2. Defining the relationships for random phase errors 29417
Howald, R.L. Create math models for phase noise 33930
Howald, R.L. Phase noise and BER. 1. Understand the mathematics of phase noise 36468
Howald, R.L. Gauge oscillator spectral density and noise functions 41707
Howard, A. Simulate oscillator phase noise 18522
Howard, A.J. *see* Bartram, M.E. 11022
Howard, A.J. *see* Kurtz, S.R. 35766
Howard, B.J., Steinbruchel, C. Reactive ion etching and patterning of copper in BCl_3 plasmas 2112
Howard, D.L. *see* Johnson, C.A. 31841
Howard, I.C. *see* Wang, Z.P. 627
Howard, I.S. *see* Faulkner, A. 24360
Howard, J. *see* Davis, L. 33083
Howard, J. *see* Nakhamkin, M. 33082
Howard, J.A. Designing after Thatcham 17803
Howard, J.K. *see* Parker, M.A. 33667
Howard, J.W., Jr. *see* Dussault, H. 34901
Howard, J.W., Jr. *see* Petrosky, J.C. 35581
Howard, L.C., Dunn, J.M. An expression for the S-parameters of arbitrarily oriented microstrip lines 1381
Howard, L.C. *see* Dunn, J.M. 19113
Howard, M.A., III *see* Gillies, G.T. 47114
Howard, N.J., Tyrrell, A.M., Allinson, N.M. The yield enhancement of field-programmable gate arrays 41864
Howard, P.E. *see* Kozlowski, L.J. 46502
Howard, P.G., Vitter, J.S. Design and analysis of fast text compression based on quasi-arithmetic coding 4388
Howard, P.G., Vitter, J.S. Fast and efficient lossless image compression 4850
Howard, S., Alexander, W. Simulation and performance evaluation of a parallel architecture for signal processing 44912
Howard, W.N., Spear, K.E., Frenklach, M. Oxygen poisoning of diamond film growth 18242
Howard-Healy, M. Virtual private networks: new business solutions 13982
Howarth, M. HART—standard for 4-20 mA digital communications 45547
Howe, A.F. *see* Cheim, L.A.V. 48001
Howe, A.T., Phillips, D.D. High-quality coatings earn their keep 20508
Howe, B.M. *see* Cornuelle, B.D. 7624
Howe, D. *see* Allen, T. 17572
Howe, D. *see* Grossinger, R. 43324
Howe, D. *see* Liu, Z.J. 8278
Howe, D. *see* Monkhouse, P.J. 17571
Howe, D. *see* Schofield, N. 48283
Howe, D. *see* Zhu, Z.Q. 40192
Howe, D. *see* Zhu, Z.Q. 47837
Howe, D.A. *see* Weiss, M.A. 18517
Howe, H., Jr., Blanchard, C. Wireless technology for automobile theft prevention 33121
Howe, J.B. PUHCA reform: a 'rite of passage' for the competitive wholesale power industry 7851
Howe, M. *see* Ali, M.I. 10283
Howe, R.D., Cutkosky, M.R. Dynamic tactile sensing: perception of fine surface features with stress rate sensing 6381
Howe, R.T. *see* Monk, D.J. 19594
Howe, R.T. *see* Monk, D.J. 19595
Howe, R.T. *see* Young-Ho Cho 31198
Howell, B.L. *see* Abbott, B. 31776
Howell, C.R. *see* Aksoy, A. 31674
Howell, G.A. Application of accurate transducers 16476
Howell, R., Walsh, J. Measurement of ocean wave spectra using narrow-beam HE radar 7630
Howell, R., Walsh, J. Measurement of ocean wave spectra using a ship-mounted HF radar 7631
Howells, M.R. *see* Reich, T. 7307
Howells, S. *see* Bangert, U. 43870
Howells, S.G. *see* Faux, D.A. 35826
Hower, G.L., Olsen, R.G., Earls, J.D., Schneider, J.B. Inaccuracies in numerical calculation of scattering near natural frequencies of penetrable objects 4049
Hower, G.L. *see* Prince, J.M. 41513
Howerton, M.M., Burns, W.K. Depolarized source for high power remote operation of an integrated optical modulator 35469
Howes, R., Redman-White, W., Nichols, K.G., Mole, P.J., Robinson, M.J., Bird, S. An SOS MOSFET model based on calculation of the surface potential 43129
Howitt, I., Vemuri, V., Reed, J.H., Hsia, T.C. Recent developments in applying neural nets to equalization and interference rejection 12632
Howkins, S. Physical limitations on high performance piezo-electric pusher technology 11390
Howland, J.W. Digital air/ground communications for air traffic control 39330
Howles, L. Load factors to end March 1993 [nuclear power plants] 8054
Howles, L. Load factors to end June 1993 [nuclear power plants] 16516
Howling, A. *see* Kroll, U. 33711
Howorth, J.R., Powell, J.R., Ingle, M.B., Powell, G.R. Position sensitive photomultipliers and photon counting systems 24068
Howson, D. *see* Byars, M. 7762
Hoyer, E. *see* Kim, K.-J. 43996
Hoyer, P. *see* Wahi, A. 27606
Hoyle, B.S. Real-time ultrasound process tomography in pipelines 47311
Hoyle, D. Packaging the computer for rough service 33387
Hoyle, P.C., Cleaver, J.R.A., Ahmed, H. Ultralow-energy focused electron beam induced deposition 33740
Hoyme, K., Driscoll, K. SAFEbus 39171
Hoyong Kim *see* Kyung-Hee Jung 32254
Hoyong Kim *see* Yunseok Ko 32268
Hoyt, E. *see* Saez, P. 23989
Hoyt, E. *see* Schultz, D. 38807
Hoyt, E. *see* Schultz, D.C. 7140
Hoyt, J.L. *see* Welser, J. 19864
Hoyt, J.L. *see* Welser, J. 42989
Hrabal, D. *see* Bonicelli, T. 8580
Hrabovcova, V. *see* Consoli, A. 17515
Hrdlicka, J. Municipal power policy 32712
Hren, A. *see* Jezernik, K. 17464
Hren, J.J. *see* Jiang Liu 27691
Hren, P.D. *see* Al-Shareef, H.N. 34293
Hren, P.D. *see* Gifford, K.D. 11369
Hrischuk, C. *see* Petriu, D.C. 37542
Hristoforou, E., Niarchos, D. Fast characterisation of magnetostrictive delay lines 43332
Hromadka, T.V., Walker, J.A., Guymon, G.L. Solution of parabolic equations using an eigenvalue method for time advancement 33548
Hromcova, J., Donoval, D., Racko, J. Numerical simulation of a metal-semiconductor-metal structure with Schottky contacts at both ends 42596
Hromcova, J. *see* Racko, J. 10742
Hronik, S. New output structure designs reduce system noise problems 26820
Hronik, S. The integration of line terminations in high-speed digital circuits 41796
Hrovat, M., Belavic, D., Markosek, A. Overlapping of thick film NTC thermistors and resistors: a way to optimise laser trimming of narrow-tolerance NTC thermistors 10515
Hrovat, M., Belavic, D., Soba, S. Thick film materials for strain gauges 46380
Hrovat, M., Bernik, S., Kolar, D. Phase equilibria in the RuO_2-PbO-Al_2O_3 and RuO_2-PbO-CuO systems 882
Hrovat, M., Bernik, S., Rozman, M., Kolar, D. Bi/Pb-Sr-Ca-Cu-O based thick film superconductors on various metal substrates 35255
Hrovat, M., Holc, J., Kolar, D. Phase equilibria in RuO_2-TiO_2-Al_2O_3 and RuO_2-TiO_2-Bi_2O_3 systems 883
Hrs, I., Puharic, M. Increasing operation security of distribution network by metal-oxide lightning arrester for overvoltage protection 25046
Hrubcin, L. *see* Thurzo, I. 11122
Hrubec, Z. *see* Kaune, W.T. 39113
Hruska, C.K. Disregarded sources of random errors in the nonlinear constants of quartz 20071
Hruska, F. *see* Oraevsky, V. 21260
Hrycyk, M. *see* Amidei, D. 46890
Hrycyk, M. *see* Tkaczyk, S. 46989
Hseih, B.-C., Kosman, S., Lo, Y.C., Jayakar, K., Mehra, M., Roselle, P., Chang, W.C. Device degradation on a full-frame CCD image sensor with a transparent gate electrode 2686
Hsi, S., Agogino, A.M. Creating excitement and motivation in engineering design: developing and evaluating student participatory experience in multimedia case studies 33267
Hsi-Huai Wang *see* Joo-Hiuk Son 18966
Hsia, C.-H. Sensitivity enhancement in interferometric fiber sensors by using the optical Kerr effect 6528
Hsia, P.-W., Kuelz, K.W., Wise, R.M., Mahmud, R., Damiano, R.J., Jr. Ventricular fibrillation voltage and patch-to-patch impedance predict successful defibrillation during fixed energy DC shocks 24328
Hsia, S.L., Tan, T.Y., Smith, P.L., McGuire, G.E. Characterization of epitaxial $CoSi_2$ growth on (001) silicon using Ti-Co bilayer sources 739
Hsia, S.L., Tan, T.Y., Smith, P.L., McGuire, G.E. Formation mechanism of epitaxial $CoSi_2$ films on (001)Si using Ti-Co bimetallic layer source materials 33663
Hsia, T.C. *see* Howitt, I. 12632
Hsia Shaw-Tzeng *see* Shaw-Tzeng Hsia
Hsiang, P., Garcia-Valenzula, A., Neifeld, M.A., Tabib-Azar, M. Micromachined 50 μm×250 μm silicon torsional mirror arrays for optical signal processing 3152
Hsiang, T.Y., Alexandrou, S., Wang, C.C., Liu, M.Y., Chou, S.Y. Picosecond silicon metal-semiconductor-metal photodiode 20519
Hsiang, T.Y. *see* Denysenko, A. 15089
Hsiang, T.Y. *see* Liu, M.Y. 23638
Hsiang Dar Chung *see* Shui Jinn Wang 2569
Hsiao, B.S. *see* Chu, B. 47023
Hsiao, G.S., Penner, R.M., Kingsley, J. Deposition of metal nanostructures onto Si(111) surfaces by field evaporation in the scanning tunneling microscope 34850
Hsiao, J.M., Wang, S.I., Chen, K.Y., Chang, T.C., Fann, D.M., Lin, Y.-c. Effects of waterproofing compounds on the long term reliability of polymeric coated optical fibers 5918
Hsiao, M.Y. *see* Chen, C.L. 17830
Hsiao, P.-Y. *see* Chang, L.-D. 18579
Hsiao, P.-Y. *see* Chang, L.-D. 28233
Hsiao, T.C., Kistler, N.A., Woo, J.C.S. Modeling the I-V characteristics of fully depleted submicrometer SOI MOSFET's 42972
Hsiao, Y.-T., Liu, C.-C., Chiang, H.-D., Chen, Y.-L. A new approach for optimal VAr sources planning in large scale electric power systems 24851
Hsiao, Y.C., Selman, J.R. Mathematical model for the assessment of carbon deposition risk in the SOFC anode 17319
Hsiao Sun-Lang *see* Sun-Lang Hsiao
Hsiao-Dong Chiang, Chih-Wen Liu, Varaiya, P.P., Wu, F.F., Lauby, M.G. Chaos in a simple power system 32288
Hsiao-Dong Chiang, Jianzhong Tong, Miu, K.N. Predicting unstable modes in power systems: theory and computations 32200
Hsiao-Dong Chiang *see* Jianzhong Tong 32199
Hsiao-Tien Pao *see* Hsin Chia Fu 22480
Hsiao-Yi Lin *see* Horng-Chih Lin 837
Hsiao-Yi Lin *see* Horng-Chih Lin 2052
Hsiao-Yi Lin *see* Horng-Chih Lin 9755
Hsiao-Yi Lin *see* Horng-Chih Lin 33688
Hsieh, B.R. *see* Antoniadis, H. 42554
Hsieh, B.R. *see* Rothberg, L.J. 35567
Hsieh, C. *see* Lee, L. 4477
Hsieh, C.-T. *see* Goldsmith, P.F. 38571
Hsieh, C.P., Khuri-Yakub, B.T. Single point contact measurements of mechanical resonances 9840
Hsieh, H., Modena, M., Sanelli, C., Vescovi, S. Magnetic components for DAΦNE 15538
Hsieh, H., Wang, S.M.-Y., Lin, J.K., Wang, G.-W., Lin, E.K. Validation of CONcERT neutronic model for boiling water reactor simulator 16585
Hsieh, H. *see* Bartalucci, S. 15501
Hsieh, H. *see* Chimenti, V. 15309
Hsieh, H. *see* Modena, M. 15565
Hsieh, H. *see* Sanelli, C. 15534
Hsieh, H. *see* Sanelli, C. 15540

Hsieh, H.F., Chiou, Y.H., Shih, H.C. Speculation on the effects of the interaction between HCl and HNO_3 on the etching of illuminated n-GaP in HCl/HNO_3 2123
Hsieh, H.Y., Chin, K., Chuang, C.T. Power partition and emitter size optimisation for bipolar ECL circuit 10139
Hsieh, H.Y. *see* Yu, D. 14941
Hsieh, J.C., Fang, Y.K., Chen, C.W., Tsai, N.S., Lin, M.S., Tseng, F.C. Effect of rapid thermal annealing on gate induced drain leakage in a n-channel metal-oxide-semiconductor field effect transistor 11198
Hsieh, J.T., Sun, C.Y., Hwang, H.L. Passivation of GaAs by novel $P_2S_5/(NH_4)_2S_x$ sulfurization techniques 10952
Hsieh, K.C. *see* Ma, Z. 27618
Hsieh, K.C. *see* Pan, N. 9549
Hsieh, K.C. *see* Sugg, A.R. 10917
Hsieh, K.C. *see* You, H.M. 27526
Hsieh, L.S.L. *see* Paulsen, E. 10339
Hsieh, M.-K. *see* Diebold, D.A. 32085
Hsieh, P.-W., Tsai, J.-M., Lee, C.-Y. An area-efficient median filtering IC for image/video applications 1331
Hsieh, R.-C., Boes, P., Kruijshoop, A. Cable hauling tension and optical fibre reliability 6001
Hsieh, R.C., Butterfield, J., Gillie, W. Wollongong Fibre-To-The-Customer-Premises field trial 38011
Hsieh, S.W., Chang, C.Y., Hsu, S.C. Characteristics of low-temperature and low-energy plasma-enhanced chemical vapor deposited SiO_2 844
Hsieh, T.-C. Color performance of a solid state image sensor 38567
Hsieh, T.-C., McGrath, R.D., Quintana, V., Wiercienski, W. Color linear image sensor for vision applications 6586
Hsieh, W.K. *see* Mei, Y.J. 35299
Hsieh, W.Y., Lin, J.H., Wang, M.H., Chen, L.J. Simultaneous occurrence of multiphases in the interfacial reactions of ultrahigh vacuum deposited Ti, Hf and Cr thin films on (111)Si 27576
Hsieh, Y.-W., Levitan, S.P., Pangrle, B.M. Incorporating interconnection delays in VHDL behavioral synthesis 19944
Hsieh Chaur-Heh *see* Chaur-Heh Hsieh
Hsieh Chih-Cheng *see* Chih-Cheng Hsieh
Hsieh Guan-Chyun *see* Guan-Chyun Hsieh
Hsieh Hsun-Chang *see* Hsun-Chang Hsieh
Hsieh Huey-lin *see* Huey-lin Hsieh
Hsieh Ming-Jenq *see* Ming-Jenq Hsieh
Hsieh Shou Wei *see* Shou Wei Hsieh
Hsieh Shu-Huei *see* Shu-Huei Hsieh
Hsieh Shu-Ta *see* Shu-Ta Hsieh
Hsieh Tai-Chiung *see* Tai-Chiung Hsieh
Hsieh Ting-Chiang *see* Ting-Chiang Hsieh
Hsin, T.M. *see* Lin, K.C. 35023
Hsin, Y.M. *see* Feng, M.S. 19919
Hsin Chia Fu, Lin, Y.Y., Hsiao-Tien Pao Neural nets for radio Morse code recognizing 22480
Hsin Wang Chih *see* Chih Hsin Wang
Hsin-Chou Chi, Tamir, Y. Starvation prevention for arbiters of crossbars with multi-queue input buffers 42275
Hsin-Hao Huang, Hsu-Pin Wang Machine fault classification using an ART 2 neural network 6339
Hsin-Hung Shen *see* Yung-Chang Chen 36884
Hsin-Sen Chu, Rong-Chang Chen Thermal analysis of high-temperature superconducting bolometers 23639
Hsin-Sen Chu *see* Jhy-Ping Wu 38516
Hsin-Teng Sheu, Hung-Zi Yang Open curve segmentation via a two-phase scheme 22054
Hsiu-Fung Cheng, Ming-Hua Yeh, Kuo-Shung Liu, I-Nan Lin Characteristics of $BaTiO_3$ films prepared by pulsed laser deposition 18285
Hsiu-Lin Peng *see* Chin-Liang Wang 18873
Hsiu-Ping Wang *see* Ning Fang 5013
Hsiu-Tsung Yang *see* Cheng, D.F. 30350
Hsiung, H. *see* Chu, D.K.T. 20052
Hsiung Chen Chun *see* Chun Hsiung Chen
Hsiung Kuang Chen *see* Shou Wei Hsieh 2511
Hsiung-Ku Chen *see* Jia-Shyong Cheng 6704
Hsu, A. Data management in delayed conferencing 45655
Hsu, C.-S., Lee, W.-J. Superconducting magnetic energy storage for power system applications 24822
Hsu, C.-S., Li, V.O.K. Multilevel priority scheme for fiber-optic code division multiple access (CDMA) packet networks 6026
Hsu, C.-Y., Liou, Y.-F. Fast discrete extrapolation via the fast Hartley transform 18065
Hsu, C.C., Lu, Y.C., Xu, J.B., Wilson, I.H. Spiral growth of GaAs by metalorganic vapor phase epitaxy 41359
Hsu, C.C., Wong, T.K.S., Wilson, I.H. Surface morphology of metalorganic vapor phase epitaxy grown GaAs observed by atomic force microscopy 721
Hsu, C.C., Wong, T.K.S., Wilson, I.H. Surface morphology of metalorganic vapour phase epitaxy grown InP observed by atomic force microscopy 9561
Hsu, C.C. *see* Jin Gaolong 19437
Hsu, C.C. *see* Zwinge, G. 18175
Hsu, C.C.-H. *see* Jyh-Chyurn Guo 19837
Hsu, C.G. *see* Michalski, K.A. 30875
Hsu, C.S. *see* Philipp, B.L. 18396
Hsu, E. *see* Pickett, E.E. 6562
Hsu, F., Chang, P.-R., Chan, K.-K. Optimization of two-dimensional radome boresight error performance using simulated annealing technique 29400
Hsu, G.J.Y., Pao-Long Chang, Tser-Yieth Chen Outage costs caused by various outage depths 9058
Hsu, J., Babbs, C.F., Chelberg, D.M., Pizlo, Z., Delp, E.J. A study of the effectiveness of stereo imaging with applications in mammography 24224
Hsu, J. *see* Peng, Z. 18743
Hsu, J.-P. Analysis of strip-line circuit based on planar circuit model and planar circuit equations 10406
Hsu, J.-T., Li, X., Viswanathan, C.R. Correlation between 1/f noise (slow states) and charge pumping (fast states) in degraded MOSFET's 19818
Hsu, J.-T., Viswanathan, C.R. Identification of generation-recombination centers and traps in virgin and Fowler-Nordheim stressed metal-oxide-semiconductor field-effect transistors by low temperature charge pumping technique 42951
Hsu, J.-T. *see* Li, X. 34972
Hsu, J.W.P. *see* Rothberg, L.J. 35567
Hsu, K., Miller, C.M. Theory and measurements of speed-of-light effects in long cavity fiber Fabry-Perot scanning interferometers 15041
Hsu, K.T., Chen, Y.H., Chen, K.L., Chen, H.P., Lin, H.H., Jan, G.J. Photoreflectance characterization of an InAlAs/InGaAs heterostructure bipolar transistor 42886
Hsu, K.W. *see* Chen, W. 18811
Hsu, K.Y., Shiuan-Huei Lin, Chau-Jern Cheng, Tai-Chiung Hsieh, Yeh, P. An optical neural network for pattern recognition 11771
Hsu, K.Y., Shiuan Huei Lin, Yeh, P. Conditional convergence of photorefractive perceptron learning 20485
Hsu, N.N., Fick, S.E., Blessing, G.V. Green's function of a liquid/solid interface and application to fluid coupled ultrasonic materials testing 9813
Hsu, P.-C. *see* Chen, M.-J. 35087
Hsu, P.-L. *see* Hwang, D.-S. 7522
Hsu, P.Y., Reeves, A.P. Recognition of partially occluded objects using macro features 5059
Hsu, P.Y., Reeves, A.P. The average surface normal and range image feature detection 13704
Hsu, P.Y., Reeves, A.P. Three dimensional object recognition using average surface normal detection 30012
Hsu, R. *see* Randall, B. 391
Hsu, S., Ilyas, M. A simulation study of bursty data traffic with hybrid source smoothing in an ATM node 5161
Hsu, S. *see* Rosenbaum, R.M. 7462
Hsu, S.C. *see* Hsieh, S.W. 844
Hsu, S.E. *see* Chang, P.Z. 35300
Hsu, S.L., Lei, M.D., Lee, C.K., Liu, L.M., Lin, M.S., Chang, C.Y., Adachi, J., Schmitz, J.S. Reduction of fluorine concentration in the submicron polycide process using dichlorosilane WSi_x 19651
Hsu, T.-Y., Hadizad, P., Liou, R.-L., Baik, M., Roth, G., Frank, K., Gundersen, M.A. Broad area, intense electron beam source for high resolution, high throughput semiconductor lithography 2381
Hsu, W., Barakat, R. Stratton-Chu vectorial diffraction of electromagnetic fields by apertures with application to small-Fresnel-number systems 36144
Hsu, W.-J., Das, A., Moon Jung Chung Linear recursive networks and their applications in topological design and data routing 30386
Hsu, W.-J. *see* Shen, W.-Z. 18586
Hsu, W.C. *see* Shieh, H.M. 42993
Hsu, W.C. *see* Wu, C.L. 19404
Hsu, Y.-C. *see* Hwang, C.-T. 1130
Hsu, Y.-C. *see* Hwang, C.-T. 18426
Hsu, Y.-F., Chen, Y.-C. A new adaptive separable median filter for removing blocking effects 4940
Hsu, Y.-Y., Kuo, H.-C. Dispatch of capacitors on distribution system using dynamic programming 7837
Hsu, Y.-Y., Yi, J.-H. Planning of distribution feeder reconfiguration with protective device coordination 24845
Hsu, Y.J., Samanta, L.K., Wang, K.C., Chen, P.C., Hwang, H.L. Current-voltage characteristics of porous silicon made from a P/N junction structure 1892
Hsu, Y.J. *see* Chen, P.C. 10932
Hsu Chain-Shu *see* Chain-Shu Hsu
Hsu Chaoming *see* Chaoming Hsu
Hsu Chau-Yun *see* Chau-Yun Hsu
Hsu Chen-Chung *see* Chen-Chung Hsu
Hsu Chia-Chen *see* Chia-Chen Hsu
Hsu Chin-Tsar *see* Chin-Tsar Hsu
Hsu Ching-Han *see* Ching-Han Hsu
Hsu Ching-Hsiang *see* Ching-Hsiang Hsu
Hsu Chiung-Wen *see* Chiung-Wen Hsu
Hsu Guang-Hui *see* Guang-Hui Hsu
Hsu Huey-Tzy *see* Huey-Tzy Hsu
Hsu Jenq-Muh *see* Jenq-Muh Hsu
Hsu Jih-Hsiu *see* Jih-Hsiu Hsu
Hsu Ken *see* Ken Hsu
Hsu Ken Yuh *see* Ken Yuh Hsu
Hsu Kuo-Chiang *see* Kuo-Chiang Hsu
Hsu Pau-Lo *see* Pau-Lo Hsu
Hsu Pin-Chieh *see* Pin-Chieh Hsu
Hsu Rong-Tay *see* Rong-Tay Hsu
Hsu Shih-Chieh *see* Shih-Chieh Hsu
Hsu Shin-yi *see* Shin-yi Hsu
Hsu Su May *see* Su May Hsu
Hsu Wei Yung *see* Wei Yung Hsu
Hsu Wei-Chou *see* Wei-Chou Hsu
Hsu Wen-Hsing *see* Wen-Hsing Hsu
Hsu Yu-Chin *see* Yu-Chin Hsu
Hsu Yuan-Yih *see* Yuan-Yih Hsu
Hsu-Pin Wang *see* Hsin-Hao Huang 6339
Hsu-Tien Hu *see* Chang-Shu Lee 19155
Hsueh, C.-C., Tamagawa, T., Ye, C., Helgeson, A., Polla, D.L. Sol-gel derived ferroelectric thin films in silicon micromachining 35135
Hsueh, C.-C. *see* Polla, D.L. 11410
Hsueh Shao *see* Shao Hsueh
Hsueh-Jyh Li *see* I-Ping Huang 23099
Hsueh-Ming Hang *see* Chung-Nan Tien 36836
Hsun-Chang Hsieh, Wen-Tong Chang Virtual knot technique for curve fitting of rapidly varying data 26352
Hu, A., Nguyen, K., Wong, S., Zhang, X., Sachs, E., Renteln, P. Concurrent deployment of run by run controller using SCC framework 9228
Hu, A.J., Dill, D.L. Efficient verification with BDDs using implicitly conjoined invariants 45358
Hu, B.B. *see* Weling, A.S. 18958
Hu, B.Y.-K. *see* Das Sarma, S. 1893
Hu, C. SOI (silicon-on-insulator) for high speed ultra large scale integration 43098
Hu, C., Cheung, N.W., Tao, J., Liew, B.K. Modeling electromigration lifetime under pulsed and AC current stress 2210
Hu, C. *see* Assaderaghi, F. 10760
Hu, C. *see* Assaderaghi, F. 19835
Hu, C. *see* Chan, M. 42942
Hu, C. *see* Hua, Y.M. 35984
Hu, C. *see* Jiang, C. 33932
Hu, C. *see* Ma, Z.J. 42990
Hu, C. *see* Parke, S. 20024
Hu, C. *see* Quader, K.N. 18904
Hu, C. *see* Rosenbaum, E. 34622
Hu, C. *see* Schuegraf, K.F. 20006
Hu, C. *see* Schuegraf, K.F. 34642
Hu, C. *see* Shin, H. 2167
Hu, C. *see* Shin, H. 19589
Hu, C. *see* Shin, H. 34780
Hu, C. *see* Tao, J. 43114
Hu, C. *see* Tu, R.H. 17956
Hu, C. *see* Wann, H. 19880
Hu, C. *see* Wei, Y. 20001
Hu, C.-K., Mazzeo, N.J., Stanis, C. Electromigration in two-level bamboo grain structure Al(Cu)/W interconnections 2252
Hu, C.-K., Small, M.B., Rodbell, K.P., Stanis, C., Mazzeo, N., Blauner, P., Rosenberg, R., Ho, P.S. Electromigration damage in fine Al alloy lines due to interfacial diffusion 34822
Hu, C.J. *see* Deal, M.D. 27637
Hu, C.L.J. Feature competition and domain of attraction in artificial-perceptron pattern-recognizer 29857
Hu, E.L. *see* Dudley, J.J. 20828
Hu, E.L. *see* Dudley, J.J. 28819
Hu, E.L. *see* Dudley, J.J. 43830
Hu, E.L. *see* Green, D.L. 27544
Hu, E.L. *see* Khare, R. 19617
Hu, E.L. *see* Khare, R. 27749
Hu, E.L. *see* Koester, S. 42526
Hu, E.L. *see* Koester, S.J. 27546
Hu, E.L. *see* Mui, D.S.L. 27744
Hu, E.L. *see* Schramm, J.E. 2125
Hu, E.L. *see* Schramm, J.E. 27746
Hu, E.L. *see* Tsutsui, K. 27698
Hu, E.L. *see* Tsutsui, K.I. 27740
Hu, F., Mehrotra, R. An integrated approach to range image segmentation 36956
Hu, F.Q. *see* Watson, J.M. 43565
Hu, G., Xingping, C., Shrikhande, N. Range image segmentation based on surface fitting 36952
Hu, G. *see* Bhattacharya, S. 11163
Hu, G. *see* Coutts, B. 4917
Hu, H. *see* Moore, W.T. 42881
Hu, I.-P. *see* Sanchez-Gasca, J.J. 7721
Hu, J. Breakdown analysis of multilayer amorphous silicon photoreceptors 11334
Hu, J., Dawson, D.M., Qu, Z. Adaptive tracking control of an induction motor with robustness to parametric uncertainty 40189
Hu, J., Gordon, R.G. Chemical vapor deposition of highly transparent and conductive boron doped zinc oxide thin films 871
Hu, J., Zhang, Q.M., Surridge, R.K., Xu, J.M., Pavlidis, D. A new emitter design of InGaP/GaAs HBTs for high-frequency applications 42879
Hu, J. *see* Hajto, J. 27584
Hu, J. *see* Hajto, J. 27611
Hu, J.-E., Siy, P. A multiple constraints neural network solution for edge-pixel-based stereo correspondence problem 22213
Hu, J.-E. *see* Siy, P. 22245

Hu, J.E., Siy, P. An ordering-oriented Hopfield network and its applicaiton in stereo vision 29929
Hu, K., Chen, L., Madhukar, A., Chen, P., Xie, Q., Rajkumar, K.C., Kaviani, K. Growth, behavior, and applications of strained InGaAs/GaAs multiple quantum well based asymmetric Fabry-Perot reflection modulators 3201
Hu, K. *see* Hagopian, V. 24019
Hu, K. *see* Kapre, R.M. 3385
Hu, L. Topology control for multihop packet radio networks 22761
Hu, L., Yacamini, R. Calculation of harmonics and interharmonics in HVDC schemes with low DC side impedance 7839
Hu, L. *see* Mei, G.-G.M. 30281
Hu, L. *see* Wang, Z.L. 36169
Hu, M. *see* Wu, C.S. 19088
Hu, P. *see* Stone, J. 29192
Hu, P.H. *see* Ma, S.S. 29011
Hu, Q., Lang, E.J., Sugihara, I. Principal component analysis (PCA) of complex spike activity recorded simultaneously from multiple Purkinje cells 13336
Hu, Q. *see* Cheng, Z. 3989
Hu, Q. *see* Cheng, Z. 3997
Hu, R. *see* Jackson, C.M. 1403
Hu, S.-C. *see* Wieler, J.G. 23185
Hu, S.-Y. *see* Yin, L.-W. 2548
Hu, S.J. *see* Wu, S.M. 33427
Hu, S.Y., Miller, M.S., Young, D.B., Yi, J.C., Leonard, D., Gossard, A.C., Petroff, P.M., Coldren, L.A., Dagli, N. Optical gain anisotropy in serpentine superlattice nanowire-array lasers 12091
Hu, T.C. *see* Ching-Wei Yeh 41863
Hu, T.C. *see* So-Zen Yao 26206
Hu, T.C. *see* Yao, S.-Z. 27392
Hu, T.H., Gray, P.R. A monolithic 480 Mb/s parallel AGC/decision/clock-recovery circuit in 1.2 μm CMOS 27035
Hu, T.H., Gray, P.R. A monolithic 480 Mb/s parallel AGG/decision/clock-recovery circuit in 1.2-μm CMOS 45960
Hu, W. *see* Chen, C. 11911
Hu, W. *see* Chen, C. 28688
Hu, W. *see* Lu, B. 24453
Hu, W.W. *see* LaCombe, D.J. 43006
Hu, X., Ahuja, N. Sufficient conditions for double or unique solution of motion and structure 13614
Hu, X., Ahuja, N. Feature extraction and matching as signal detection 22211
Hu, X., Honma, S., Kawazoe, Y., Imazu, T., Yorozu, T., Ohta, N. Pseudo-dynamic simulation of recording on magneto-optical disk 20152
Hu, X., Kawazoe, Y. Capping-layer effect on the magneto-optical recording 20151
Hu, X. *see* Kawazoe, Y. 28386
Hu, X.D., Hwang, F.K. Cutting numbers for the forward loop backward hop network 45501
Hu, Y. *see* Alvarado, F. 24650
Hu, Y. *see* He, S. 4090
Hu, Y. *see* He, S. 21208
Hu, Y.F., Matthews, P.A. Electromagnetic wave propagation in a three-layered medium 12609
Hu, Y.F. *see* Watson, P.A. 36192
Hu, Y.H., Pan, S. SaPOSM: an optimization method applied to parameter extraction of MOSFET models 19820
Hu, Y.H., Tompkins, W.J., Xue, Q. Artificial neural network for ECG arryhthmia monitoring 7432
Hu, Y.Z., Buaud, P.P., Wang, Y., Spanos, L., Irene, E.A. In situ investigation of silicon surface cleaning and damage by argon electron cyclotron resonance plasmas 34759
Hu, Y.Z., Li, M., Andrews, J.W., Conrad, K.A., Irene, E.A. In-situ spectroscopic ellipsometry studies of SiO_2 on Si damaged by argon and hydrogen ion etching 2197
Hu, Y.Z. *see* Boggavarapu, D. 12249
Hu, Y.Z. *see* Irene, E.A. 34711
Hu, Z. *see* Mawby, P.A. 2498
Hu, Z.-R. *see* Board, K. 2519
Hu Bin *see* Bin Hu
Hu Bing *see* Liu Xiaodong 18129
Hu Bo-Ping *see* Bo-Ping Hu
Hu Chang-Nan *see* Chang-Nan Hu
Hu Chenming *see* Chenming Hu
Hu Ching-Piao *see* Ching-Piao Hu
Hu Dan-Kang, Li Ming, Lu Zhi-Ming Optoelectric focusing system for camera industry 38690
Hu Daoyuan Academic networking 5494
Hu Gang *see* Gang Hu
Hu Gongzhu *see* Gongzhu Hu
Hu Guan-Qin *see* Guan-Qin Hu
Hu Guogen, Jin Yi, Liao Guangdi Optimal design of digital communication networks in power system using the Greedy algorithm 16144
Hu Guyu, Xie Xiren Performance analysis of multi-carrier ALOHA systems 5187
Hu Hang *see* Hang Hu
Hu Hengning *see* Hengning Hu
Hu Hsu-Tien *see* Hsu-Tien Hu
Hu Jian-Hong *see* Jian-Hong Hu
Hu Jianghong, Hu Mou A new algorithm for switch-level test generation of CMOS circuits 2651
Hu Jiankai *see* Jiankai Hu
Hu Jifan *see* Jifan Hu
Hu Jihuang *see* Gong Dawei 23629
Hu Jo-Ku *see* Jo-Ku Hu
Hu Keli *see* Keli Hu
Hu Leifang *see* D'Angelo, A. 6943
Hu Limin *see* Limin Hu
Hu Lon-Rong *see* Lon-Rong Hu
Hu Minyou *see* Feng Weijiang 7787
Hu Mou Application of multiple-valued switch-level algebra to the formal verification of MOS circuits 41763
Hu Mou *see* Hu Jianghong 2651
Hu Qiang *see* Qiang Hu
Hu Qing *see* Qing Hu
Hu Qingmao The fast algorithm for digital image registration: the study of adaptive generation of threshold series 5037
Hu Rongfang *see* Zhou Mingbao 25445
Hu Ruimin, Yao Tianren, Huang Tiexia An adaptive algorithm based on the second order gradient 29696
Hu Shouron *see* Shouron Hu
Hu Tao *see* Wang Yunyong 46879
Hu Xi-Yan, Zhang Lei, Du Wei-Shang The solvability conditions for the inverse problem of matrices positive semidefinite on a subspace 41154
Hu Xi-Yan *see* Zhang Lei 41158
Hu Xiao *see* Xiao Hu
Hu Xiao-Tang *see* Ji Gui-Jun 46602
Hu Xiehe *see* Xiehe Hu
Hu Xiying *see* Xiying Hu
Hu Yaguang, Xi Bin Design and research of AC induction motor position servo system 17506
Hu Yau-Wen *see* Yau-Wen Hu
Hu Yeu-Jent *see* Yeu-Jent Hu
Hu Yi-Ming *see* Xie Chang-Sheng 31118
Hu Yifei *see* Yifei Hu
Hu Yimei *see* Zhang Xiaotian 12036
Hu Yingjiang *see* Liu Chengze 25740
Hu Yongxiang *see* Fu Yaoxian 35298
Hu Yongxiang *see* Yongxiang Hu
Hu Yuh-Jong *see* Yuh-Jong Hu
Hu Yuhong *see* Zhang Guoqiang 1960
Hu Yuhong *see* Zhang Guoqiang 2527
Hu Yuhong *see* Zhang Guoqiang 42987
Hu Zhanyi *see* Zhanyi Hu
Hu Zhaoguang Power system planning with fuzzy programming 32354
Hu Zhaoyi *see* Wang Guangsheng 32300
Hu Zhen *see* He Ping 5838
Hu Zheng *see* Du Guangdong 13854
Hu Zhihong *see* Zhihong Hu
Hu Zhiyong *see* Cheng Yongyuan 25744
Hu-Chun Liu *see* Liu Hu-Chun
Hua, C.R. *see* Chou, W.C. 42472
Hua, G., Lee, F.C. Soft-switching PWM techniques and their applications 16982
Hua, G., Lee, F.C., Jovanovic, M.M. An improved full-bridge zero-voltage-switched PWM converter using a saturable inductor 33882
Hua, G.C., Otsuka, N., Xie, W., Grillo, D.C., Kobayashi, M., Gunshor, R.L. Growth and characterization of ZnSe/ZnCdSe diode structures on (In,Ga)As buffer layers 9537
Hua, G.C. *see* Grillo, D.C. 3647
Hua, G.C. *see* Grillo, D.C. 28811
Hua, G.C. *see* Salokatve, A. 20767
Hua, G.C. *see* Xie, W. 9536
Hua, J., Duftschmid, K.E., Strachotinsky, C. Investigation of a new TL individual dosemeter for measuring personal dose equivalent $H_p(d)$ on different phantoms 39125
Hua, N.P. *see* Creaney, S. 35383
Hua, P. *see* Archambault, J.-L. 28470
Hua, Y., Evans, J.B. Statistical analysis of the SDMP method for parameter estimation of multiple transients 29743
Hua, Y. *see* Baqai, F.A. 30912
Hua, Y. *see* Cheng, C. 29677
Hua, Y. *see* Evans, J.B. 29674
Hua, Y. *see* Hodgson, E.M. 20297
Hua, Y.M., Hu, C., Li, G.P. Optical second-harmonic reflection from polycrystalline silicon and its relation to grain boundaries 35984
Hua, Z.Y. *see* Wang, Y. 4002
Hua Chang, Long Jeng Lee, Rong Li Hwang, Lin, M.S., Lou, J.C. The structure and the physical properties of Si/C grown by laser pyrolysis of $Si(CH_3)_2Cl_2$ 18279
Hua Chen Shao *see* Shao Hua Chen
Hua Dai *see* Dai Hua
Hua Feng Wang *see* Lei Jian Liu 24226
Hua Lee *see* Douglas, B.L. 32143
Hua Lee *see* Na, H.R. 47251
Hua Li, McInerney, J.G. Chaotic behavior of semiconductor lasers as modulated oscillator 43945
Hua Li, Yuandong Ji Fuzzy-logic tools on tap for IC wafers 40990
Hua Li *see* Li Hua
Hua Liu *see* Liu Hua
Hua Peizhong, Wang Fuchen, Weng Rui, Zhong Zhixin, Ma Yue, Liang Bo, Yang Yuchang Design and development of S-band high power GaAs FETs for oscillators 1501
Hua Sukun *see* Sukun Hua
Hua Wang Zhen *see* Zhen Hua Wang
Hua Wenyu, Chen Cunli Single-point circular model—measurement of specific contact resistance of M/S by in-line-four-probes 42540
Hua Xiong *see* Xiong Hua
Hua Xixing, Chen Jianre Big-screened digital display system 38612
Hua Yang Xian *see* Xian Hua Yang
Hua Yi-Min *see* Yi-Min Hua
Hua Yingbo *see* Yingbo Hua
Hua Yu *see* Yu Hua
Hua Zhu Ning *see* Ning Hua Zhu
Hua-Kuang Liu *see* Shaomin Zhou 43577
Hua-Lin Cai *see* Cai Hua-Lin
Hua-qing Zeng *see* Zeng Hua-qing
Hua-Sou Tong High-definition television display—a CRT approach 6702
Hua-Yu Liu, Chung-Yi Su, Farrar, N., Gleason, B. Fabrication of 0.1 μm T-shaped gates by phase-shifting optical lithography 2266
Huade Mo *see* Mo Huade
Huaguo Teng *see* Teng Huaguo
Huai Tong *see* Tong Huai
Huaide Zheng *see* Zheng Huaide
Huainan Ma *see* Ma Huainan
Huaizhi Yu *see* Yu Huaizhi
Huajie Yin *see* Yin Huajie
Huamann-Bollo, G.-H. *see* Preissner, J. 1264
Huaming Jiang, Shiguang Wang, Xianghui Zeng, Yifei Hu, Rangjiao Liu, Yuandong Dai Study of all high T_c edge junctions with native or artificial barrier 35273
Huan-Ming Kao *see* Suh-Yin Lee 23343
Huan-Ping Su *see* Ping-Wei Wang 42689
Huan-Wen Tzeng, Jiann-Liang Chen A neural-net approach for economic dispatch of Taiwan power system 16235
Huan-Wun Yen *see* Schaffner, J.H. 45968
Huanchu, C. *see* Xuefeng, Y. 11555
Huanchu Chen *see* Xuefeng Yue 44053
Huanen Xu *see* Xu Huanen
Huang, A. *see* Chua, L.O. 26643
Huang, A. *see* Chua, L.O. 26644
Huang, B.D. *see* Ash, G.R. 22374
Huang, B.J., Tzeng, T.M. Performance characteristics of pulse tube refrigerators 25948
Huang, C., Wu, Z., Nevels, R.D. Edge diffraction in the vicinity of the tip of a composite wedge 29135
Huang, C. *see* Nevels, R.D. 21218
Huang, C. *see* Stein, S.J. 23749
Huang, C. *see* Wahlers, R. 17864
Huang, C. *see* Wang, X.-S. 698
Huang, C.-H. *see* Chiou, C.-Y. 25084
Huang, C.-J., Grotjohn, T.A., Reinhard, D.K., Sun, C.J., Yu, C.C.-W. Simulation of hot electron induced degradation in silicon bipolar transistors 11177
Huang, C.-K., Surampudi, S., Attia, A., Halpert, G. Electrochemical evaluation of alternate anode materials for ambient temperature secondary Li cells 17198
Huang, C.-K. *see* Halpert, G. 32998
Huang, C.-K. *see* Shen, D.H. 17247
Huang, C.-T. *see* Chang, C.-L. 24603
Huang, C.-T. *see* Chiou, C.-Y. 25084
Huang, C.C. *see* Culver, R. 26194
Huang, C.G., Jesshope, C.R., Nedelchev, I.M. Systematic method for synthesising purely delay-insensitive circuits 10073
Huang, C.G. *see* Jesshope, C.R. 9888
Huang, C.H. *see* Shen, H.Y. 12055
Huang, C.I. *see* Bayraktaroglu, B. 10439
Huang, C.I. *see* Bayraktaroglu, B. 27204
Huang, C.I. *see* Liou, J.J. 42891
Huang, C.I. *see* Liou, L.L. 1514
Huang, C.J., Liu, R.S., Tseng, T.Y. Bolometric response of superconducting $YBa_2Cu_3O_{7-x}$ microbridges 35282
Huang, C.J. *see* Mei, Y.J. 35299
Huang, C.L. *see* Chen, J.F. 8549
Huang, C.L. *see* Lis, J. 970
Huang, C.S. *see* Lee, C.H. 26465
Huang, D. *see* Gray, G.R. 43854
Huang, D. *see* Swanson, E.A. 15814
Huang, D.-H., King, E.E., Palkuti, L.J. Improved method for evaluating hot-carrier aging in p-channel MOSFET's 35013
Huang, D.-R. *see* Wu, M.-C. 43561
Huang, D.-R. *see* Ying, T.-F. 47915
Huang, D.H. *see* Wang, J.J. 15640
Huang, F. Low loss quasitransversal microwave filters with specified amplitude and phase characteristics 18848
Huang, F., Stansfield, E.V. Time sample speech scrambler which does not require synchronization 22690
Huang, F.S. *see* Chen, C.P. 10975
Huang, F.S. *see* Wang, L.S. 2134
Huang, F.Y., Morkoc, H. GaAs/InGaAs/AlGaAs optoelectronic switch in avalanche heterojunction phototransistor vertically integrated with a resonant cavity 28618
Huang, F.Y. *see* Lin, M.E. 34811
Huang, G.-D. *see* Chung, S.S. 18434
Huang, G.M. *see* Antonio, J.K. 45377
Huang, H., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Chao, A.W., Collins, J., Derenchuk, V., Dutt, S., East, G., Ellison, M., Friesel, D., Hamilton, B., Jones, W.P., Lee, S.Y., Li, D., Minty, M.G., Nagaitsev, S., Ng,

K.Y., Pei, X., Riabko, A., Sloan, L., Syphers, M., Teng, L., Wang, Y., Yan, Y.T., Zhang, P.L. Experimental determination of the Hamiltonian for synchrotron motion with RF phase modulation 23976
Huang, H., Cambier, C., Geddes, R. High constant power density wide speed range permanent magnet motor for electric vehicle applications 48282
Huang, H., Caussyn, D.D., Ellison, T., Jones, B., Lee, S.Y., Schwandt, P., Ahren, L., Alessi, J., Bleser, E.J., Bunce, G., Cameron, P., Courant, E.D., Foelsche, H.W.J., Gardner, C.J., Geller, J., Lee, Y.Y., Makdisi, Y.I., Mane, S.R., Ratner, L., Reece, K., Roser, T., Skelly, J.F., Soukas, A., Tepikian, S., Thern, R.E., van Asselt, W., Spinka, H., Teng, L., Underwood, D.G., Yokosawa, A., Wienands, U., Bharadwaj, V., Shao Hsueh, Hiramatsu, S., Mori, Y., Sato, H., Yokoya, K. The partial Siberian snake experiment at the Brookhaven AGS 7044
Huang, H. *see* Caussyn, D.D. 38778
Huang, H. *see* Ellison, M. 38779
Huang, H. *see* Gaunaurd, G.C. 23215
Huang, H. *see* Lee, S.Y. 7040
Huang, H. *see* Li, D. 6973
Huang, H.-C., Wu, J.-L. Novel real-time software-based video coding algorithms 6208
Huang, H.-Y., Wu, C.-Y. CMOS clamped-swing logic (CMOS CSL) and CMOS differential clamped-swing logic (CMOS DCSL) 18598
Huang, H.-Y. *see* Wu, C. 24368
Huang, H.C., Lo, T.C. Simulation and analysis of silicon electro-optic modulators utilizing the carrier-dispersion effect and impact-ionization mechanism 3174
Huang, H.C. *see* Lo, T.C. 19099
Huang, H.D. *see* Yeh, M.Y. 42643
Huang, H.J. *see* Kuo, J.B. 18791
Huang, H.J. *see* Kuo, J.B. 35062
Huang, H.K., Arenson, R.L., Lou, S.-L., Wong, A.W.K., Andriole, K.P., Bazzill, T.M., Avrin, D. Multimedia in the radiology environment: current concept 37495
Huang, H.S., Chang, C.Y., Chen-Chung Hsu, Chen, K.L., Lin, J.K. Analysis of bilateral latch up triggering in VLSI circuits 28264
Huang, J. A ghost cancelation system for the NTSC television 38250
Huang, J., Te-Kao Wu, Shung-Wu Lee Tri-band frequency selective surface with circular ring elements 44569
Huang, J., Vahldieck, R., Jin, H. Computer-aided design of circular ridged waveguide evanescent-mode bandpass filters using the FDTLM method 1430
Huang, J., Vahldieck, R., Jin, H. Microstrip discontinuities on cylindrical surfaces 4234
Huang, J., Vahldieck, R., Jin, H. Fast frequency-domain TLM analysis of 3D circuit discontinuities 41118
Huang, J. *see* Ding, Z. 6783
Huang, J. *see* Jin, H. 1628
Huang, J. *see* Kuo, S.P. 44375
Huang, J. *see* Yu, M. 1626
Huang, J.-H., Tseng, W.-H., Ding, M.-J., Su, Y.-S., Wu, L.-C. VirtualTalker: an online multimedia system on token passing networks 14136
Huang, J.-W. *see* Chen, C.-P. 34909
Huang, J.-W. *see* Lo, W.-T. 1387
Huang, J.C., Jackson, G.S., Shanfield, S., Platzker, A., Saledas, P.K., Weichert, C. An AlGaAs/InGaAs pseudomorphic high electron mobility transistor with improved breakdown voltage for *X*-and *Ku*-band power applications 1566
Huang, J.H., Jiang, Y.H., Qian, Y.Y. The influence of dwell time on reliability of SMT solder joints under thermal cycling 42309
Huang, J.H., Pei, J.Y., Qian, Y.Y., Jiang, Y.H. Life prediction of SMT solder joints under thermal cycling 42284
Huang, J.L. *see* Zheng, T. 14128
Huang, J.S., Wu, C.H. Two-dimensional simulation of switch-on speeds in hydrogenated amorphous silicon thin-film transistors 11220
Huang, J.S., Yu-Fu Chang Statistical line detection and its extensions 21958
Huang, J.T. Application of DAS-16F based digital scope in the experiment of motor control 9167
Huang, J.T., Lin, S.J., Hwang, J., Lin, T.S. Spatial resolution of selectively deposited diamond stripes on ion implanted Si(100) 19574
Huang, J.Y., Park, M.K., Kim, J.H., Jung, D.H., Kim, J.S., Kim, D.T., Won, S.C. PLS beam position monitoring system 15448
Huang, J.Y. *see* Zhang, J.Y. 3855
Huang, K., Lam, D., Farrugia, S., Yee, H. Fast prediction of critical clearing time by an artificial neural network for power system transient stability assessment 24806
Huang, K. *see* Halkias, G. 42225
Huang, K.F., Tai, K., Wu, C.C., Wynn, J.D. Continuous wave visible InGaP/InGaAlP quantum-well surface-emitting laser diodes 28818
Huang, K.F. *see* Tai, K. 12216
Huang, K.F. *see* Wu, C.C. 12141
Huang, K.F. *see* Wu, C.C. 35891
Huang, K.T., Chiu, C.T., Cohen, R.M., Stringfellow, G.B. InAsSbBi alloys grown by organometallic vapor-phase epitaxy 41273
Huang, L., Lee, Y.H. Experimental method for preparing nanometer scale Pd probe 2193
Huang, L. *see* Rivlin, E. 22177
Huang, L.J., Lau, W.M., Mitchell, I.V., Lee, S.-T. Low energy fluoroboron ion beam interaction with silicon single crystals 10878
Huang, L.J. *see* Lu, Z.H. 42948
Huang, M., Judy, J.H. Measurement of the easy-axis distribution in the normal plane of longitudinal thin film magnetic recording media 43312
Huang, M., Styblinski, M.A. GOSSIP DR: a generic software system for IC reliability optimization 9881
Huang, M. *see* Styblinski, M.A. 11274
Huang, N.F. *see* Wang, D.P. 41132
Huang, P., Pan, D.S., Luhmann, N.C., Jr. A microwave measurement technique for characterizing the I-V relationship for negative differential conductance devices 23862
Huang, P.-H. A method for area decomposition of power systems 16172
Huang, P.-H. Analysis of power system dynamic stability via fuzzy concepts 24654
Huang, Q., Moschytz, G.S. Analog multiplierless LMS adaptive FIR filter structures 34155
Huang, R. A new method for frequency synthesis 33923
Huang, R.-S., Lee, H.-C., Gross, M., Horwitz, C.M. A novel cantilever-beam field-emission pressure sensor 23566
Huang, R.-S. *see* Xu, Y.-P. 6490
Huang, R.T. *see* Cheng, W.-H. 12150
Huang, R.Y.S., Dutton, R.W. Experimental investigation and modeling of the role of extended defects during thermal oxidation 19549
Huang, S. 4.16 GHz balanced detector optical receiver using resonance optical front-end 30792
Huang, S. *see* Christie, R.D. 32489
Huang, S. *see* Nicati, P.-A. 20752
Huang, S.-C. *see* Yu, D.-C. 15754
Huang, S.-H.S., Hongfei Liu, Viswanathan, V. Parallel dynamic programming 41110
Huang, S.-L.L. *see* Saddow, S.E. 28627
Huang, S.C.-Y., Wolf, W.H. Performance-driven synthesis in controller-datapath systems 41737
Huang, S.L., Hung, H.-L.A., Lee, C.H. Broadband and real-time waveform sampling using optic-microwave phase-locking 1614
Huang, S.L., Santos, R.G., Shaw, S. Network operations data for service management 5378
Huang, S.L. *see* Golob, L.P. 1529
Huang, S.R. *see* Chen, S.L. 7898
Huang, S.S. *see* El-Sharkawi, M.A. 16179
Huang, S.Shih-Yu *see* Shih-Yu Huang, S.
Huang, S.T., Wu, J.H., Fan, K.C. A minimum zone method for evaluating flatness error of gage blocks measured by phase-shifting interferometry 23881
Huang, S.Y. *see* Delavaux, J.-M.P. 3508
Huang, T.-H., Kinoshita, H., Kwong, D.L. Semi-empirical model for boron diffusion during rapid thermal annealing of BF_2 implanted silicon 2069
Huang, T.-W., Houshmand, B., Itoh, T. The FDTD diakoptics method 1616
Huang, T.-W., Houshmand, B., Itoh, T. Fast sequential FDTD diakoptics method using the system identification technique 21328
Huang, T.-W., Houshmand, B., Itoh, T. Application of system identification technique to FDTD and FDTD diakoptics method 27199
Huang, T.-W., Houshmand, B., Itoh, T. Time domain characterization of active microwave circuits—the FDTD diakoptics method 42182
Huang, T.C., Chung, Y., Coldren, L.A., Dagli, N. Guide/antiguide optical intensity modulator 28511
Huang, T.C. *see* Tai, K. 12216
Huang, T.C. *see* Wu, C.C. 35891
Huang, T.H., Kinoshita, H., Kwong, D.L. Multi-zone model for the transient enhanced diffusion of ion implanted impurities in silicon during rapid thermal annealing 19526
Huang, T.H. *see* Kinoshita, H. 2065
Huang, T.H. *see* Kinoshita, H. 2066
Huang, W., Astrain, H., Doi, Y., Mahalingam, M. Electrical characterization of a multilayer ceramic chip carrier with meshed power and ground planes 17868
Huang, W., Rokhlin, S.I. Low-frequency normal incidence ultrasonic method for thin layer characterization 18383
Huang, W., Takayanagi, J., Sakanaka, T., Nakagawa, M. Atmospheric optical communication system using subcarrier PSK modulation 14660
Huang, W. *see* Antonuk, L.E. 31300
Huang, W. *see* Morton, E.J. 15731
Huang, W. *see* Nathan, A. 6458
Huang, W. *see* Wells, V.L. 32019
Huang, W. *see* Yorkston, J. 31301
Huang, W. *see* Yorkston, J. 31321
Huang, W.-P. *see* Hong, J. 12161
Huang, W.P., Hong, J., Mao, Z.M. Improved coupled-mode formulation based on composite modes for parallel grating-assisted co-directional couplers 44503
Huang, W.P., Xu, C.L. Simulation of three-dimensional optical waveguides by a full-vector beam propagation method 35438
Huang, W.P., Xu, C.L., Chrostowski, J. A time-domain propagating scheme for simulation of dynamics of optical guided-wave devices 21310
Huang, W.P. *see* Hong, J. 43845
Huang, W.P. *see* Hong, J. 43919
Huang, W.P. *see* Little, B.E. 43471
Huang, W.P. *see* Mao, Z.M. 11656
Huang, W.P. *see* Vadekar, A. 35464
Huang, W.S. *see* Lee, K.Y. 27961
Huang, W.T. *see* Shen-li Fu 18307
Huang, W.X. *see* Collins, S.F. 23214
Huang, W.X. *see* Collins, S.F. 36090
Huang, W.Y. *see* Naylor, J.A. 29526
Huang, X., Leung, H. Applying chaos to communication channel identification 36465
Huang, X. *see* Rowles, C. 4579
Huang, X.D., Hon, H.W., Hwang, M.Y., Lee, K.F. A comparative study of discrete, semicontinuous, and continuous hidden Markov models 4531
Huang, X.G. *see* Wu, Q. 20673
Huang, X.G. *see* Zhou, J.Y. 21033
Huang, X.L. *see* Lu, W. 46496
Huang, Y., Ohnuma, S. The beam dynamics study of compact ring by a new code 46752
Huang, Y., Williams, C.C. Capacitance-voltage measurement and modeling on a nanometer scale by scanning C-V microscopy 46570
Huang, Y., Yovanovich, M.M. A thermal resistance model for conjugate heat transfer from an isothermal cubic heat source on a vertical plate 353
Huang, Y. *see* Dang, V. 39927
Huang, Y. *see* Kudo, K. 20780
Huang, Y. *see* Tamura, Y. 16180
Huang, Y.C. *see* Schmerge, J.F. 44006
Huang, Y.T. *see* Tsai, M.-J. 34305
Huang, Z., Cohen, F.S. Affine-invariant moments and B-splines for object recognition from image curves 22208
Huang, Z., Lin, C.C., Deppe, D.G. Spontaneous lifetime and quantum efficiency in light emitting diodes affected by a close metal mirror 43657
Huang, Z.C. *see* Takeuchi, Y. 5634
Huang Bi-Lin *see* Bi-Lin Huang
Huang Biao, Wang Yuzhi Preionization conditions for the homogeneous formation of pulsed avalanche discharge in TEA CO_2 laser 11918
Huang Chang *see* Zhang Xing 28120
Huang Chao-Song *see* Chao-Song Huang
Huang Chaogen *see* Qiu Peixia 3760
Huang Chaug-Ching *see* Chaug-Ching Huang
Huang Cheng-Liang *see* Cheng-Liang Huang
Huang Cheng-Linag *see* Cheng-Linag Huang
Huang Chengwen The PBC Financial Telecommunications Network conceptual design [People's Bank of China] 14256
Huang Chia-Chi *see* Chia-Chi Huang
Huang Chiang-Tsung *see* Chiang-Tsung Huang
Huang Chimoon *see* Chimoon Huang
Huang Ching-Lien *see* Ching-Lien Huang
Huang Chung Cheng, Chen, Y.E., Miin Horng Juang, Po Wen Yen, Lin, L. Novel phenomenon of the Al-1 wt%Si contacts on the NF_3/Ar post-etching-treated n-Si substrates 2117
Huang Chung-Ling *see* Chung-Ling Huang
Huang Chung-Ming *see* Chung-Ming Huang
Huang Chung-Po *see* Chung-Po Huang
Huang Dading, Yao Zhenga, Ren Zhizhang, Wang Xiangming, Liu Zhikai, Qin Fuguang Initial study on mass-analysed low energy ion beam epitaxial ultrathin silicon film 26442
Huang Dalu The design method of nonlinear excitation control 16155
Huang De-Xiu *see* Liu De-Ming 38524
Huang Duen-Tay *see* Duen-Tay Huang
Huang Fon-Shan *see* Fon-Shan Huang
Huang Guo-Wei *see* Guo-Wei Huang
Huang Hansheng *see* Hansheng Huang
Huang He *see* He Huang
Huang He-Tian *see* Yang Kun-Tao 38675
Huang Heng-Sheng *see* Heng-Sheng Huang
Huang Hsin-Hao *see* Hsin-Hao Huang
Huang I-Ping *see* I-Ping Huang
Huang Jau-Hsiung *see* Jau-Hsiung Huang
Huang Jenn Gwo *see* Jenn Gwo Huang
Huang Jenq-Wen *see* Jenq-Wen Huang
Huang Jiadong *see* Jiadong Huang
Huang Jian-Guo A mixed element method for the parabolic equation and its quasi-optimal maximum norm estimates 41208
Huang Jian-Hui *see* Jian-Hui Huang
Huang Jifu *see* Jifu Huang
Huang Jinbiao, Luo Zhiqiang, Feng Yaolan, Tong Qinyi Flow velocity sensor fabricated by surface micromachining technology 23520
Huang Jinlai *see* Luan Guidong 32135
Huang Jiying, Wang Yiping The application of Weibull distribution in prediction of the rain induced depolarization of millimeter waves 36172
Huang Jiying *see* Yin Guanxi 6112
Huang Jung-Meng *see* Jung-Meng Huang
Huang Junhui, Wang Chuanhua The application of user defined power system analysis software in the dynamic stability analysis of Nantong power plant 32667
Huang Junqin *see* Junqin Huang

Huang Kai-Feng *see* Kai-Feng Huang
Huang Kai-Yi *see* Kai-Yi Huang
Huang Kaiyuan *see* Kaiyuan Huang
Huang Kao-Yang *see* Kao-Yang Huang
Huang Lan Chieh *see* Lan Chieh Huang
Huang Li Wen *see* Qian Wei Dong 40205
Huang Liwen, Sheng Hongyu The study of the formulas for calculating the magnetic radial force-wave frequency of the asynchronous motor 40213
Huang Maoquan *see* Gao Jiangrui 28908
Huang Meiqian, Li Peitao, Ma Zhijian, Zheng Yaozong, Liu Baiyong, Li Guanqi Channel-current-induced gate-oxide breakdown acceleration in n-channel MOSFETs 19857
Huang Miaoliang *see* Wu Jihuai 12044
Huang Miaoliang *see* Wu Jihuai 12087
Huang Nen-Fu *see* Nen-Fu Huang
Huang Ningkang Optical zirconia films produced by using dual ion beam technology 9701
Huang Peizhen GSL-1 and DSL-1 digital excitation regulators 8298
Huang Qi *see* Jiang Shan 47007
Huang Qi *see* Qi Huang
Huang Qi-Kui *see* Lu Tao 31119
Huang Qi-Kui *see* Xie Liang-Fu 32140
Huang Qi-Kui *see* Zhu Feng 47290
Huang Qian *see* Qian Huang
Huang Qin *see* Qin Huang
Huang Qing-An, Xiang Tao, Qin Ming, Chen Jun-Ning, Zhang Hui-Zhen, Tong Qin-Yi Fabrication of large-area field emission arrays by bonding technology 27407
Huang Qing-Cheng *see* Che Ren-Sheng 31458
Huang Qing-Cheng *see* Che Ren-Sheng 38676
Huang Qingan *see* Zhou Tianshu 2526
Huang Qiuting Analog implementation of fixed-coefficient and adaptive FIR filters based on Σ-Δ oversampling 18903
Huang Ren *see* Wu Shao-Ming 26251
Huang San-Chiao *see* San-Chiao Huang
Huang Shang-Lian *see* Jiang Yi 46599
Huang Shang-Lian *see* Li Zhi-Gao 38526
Huang Shang-Lian *see* Shi Wen-Jiang 28457
Huang Shang-Lian *see* Zou Jian 31244
Huang Sheng-Liang *see* Sheng-Liang Huang
Huang Shi-Peng *see* Shi-Peng Huang
Huang Shiang-Tang *see* Shiang-Tang Huang
Huang Shing-Tsaan *see* Shing-Tsaan Huang
Huang Shouhua *see* Shouhua Huang
Huang Shunji *see* Ding Yiyuan 14680
Huang Shunji *see* Han Chunlin 23155
Huang Shunji *see* Pi Yiming 14681
Huang Su-Yi *see* Zhu Lin-Sheng 22248
Huang Sung-Cheng *see* Sung-Cheng Huang
Huang Sy-Ruen *see* Sy-Ruen Huang
Huang Taiyi *see* Gao Yuqing 13076
Huang Tao *see* Ma Jun 24511
Huang Tie-Xia *see* Chen Ji-Hong 46294
Huang Tien-Yu *see* Tien-Yu Huang
Huang Tiexia *see* Hu Ruimin 29696
Huang Tsung-Shiew *see* Tsung-Shiew Huang
Huang Tze-Han *see* Tze-Han Huang
Huang Tzer-Hsiang *see* Tzer-Hsiang Huang
Huang Wei-Lin *see* Wei-Lin Huang
Huang Wei-Ning *see* Wei-Ning Huang
Huang Wei-Ping *see* Wei-Ping Huang
Huang Weikang, Lombard, F. On GID-testable two-dimensional iterative arrays 33991
Huang Weiping *see* Weiping Huang
Huang Wen-Chen *see* Wen-Chen Huang
Huang Xiangfu *see* Ge Lijia 13263
Huang Xiangfu *see* Xiangfu Huang
Huang Xiao-sheng *see* Ma Jun 24511
Huang Xiaojian, Quan Ziyi Analysis of finite wordlength effect in 1D-DCT transform coding 13558
Huang Xiaokang *see* Xiaokang Huang
Huang Xiaoping *see* Xiaoping Huang
Huang Xiaoying *see* He Yizong 35750
Huang Xinfan *see* Xinfan Huang
Huang Xingliang, Fang Xiaoming, Shen Xuechu, Yuan Shixin Study of electrode bonding damage of GaAs/AlGaAs multiple quantum well infrared detector 46459
Huang Xuedong *see* Xuedong Huang
Huang Ya-Fei *see* Ya-Fei Huang
Huang Yafei Regular solution of unilateral finlines 36301
Huang Yan *see* Yan Huang
Huang Yang-Tung *see* Yang-Tung Huang
Huang Yaoqun *see* Li Xingyuan 16754
Huang Yichuan, Qiu Minwang, Luo Zundu, Jiang Aidong, Yang Shubing, Chen Guang, Wu Ruikun, Liu Ye, He Jianrong Quasi-continuous green laser performance pf NYAB crystals pumped by tunable Ti^{3+}:Al_2O_3 laser 12043
Huang Yidong *see* Luo Zundu 20675
Huang Yidong *see* Yidong Huang
Huang Yimin *see* Yimin Huang
Huang Yinbiao *see* Fang Zhihao 19858
Huang Ying-Peng *see* Ying-Peng Huang
Huang Yiping *see* Wang Xiaohui 11197
Huang Yongzhang, Teng Keijian, Xie Jialin Design and fabrication of alpha magnet for a microwave electron gun 2849
Huang Yongzhang *see* Yongzhang Huang
Huang Yuh-Ming *see* Yuh-Ming Huang
Huang Yung-Dar *see* Yung-Dar Huang
Huang Yunheng *see* Yunheng Huang
Huang Yunlan *see* Yunlan Huang
Huang Zailu *see* Zhang Guanghui 21836
Huang Zhengqiang *see* Zhang Guanghui 21836
Huang Zhi-Jian *see* Wang De-Ren 41166
Huang Zhijian *see* Zhijian Huang
Huang Zhirong *see* Zhirong Huang
Huang Zhiwen, Zhao Suitang, Di Guiying Investigation on the optimum gain condition for the green line of He-Ne laser 28704
Huang-Chung Cheng, Ya-Hsiang Tai, Ming-Shiann Feng, Jau-Jey Wang Characteristics of polycrystalline silicon thin-film transistors with thin oxide/nitride gate structures 2528
Huang-Chung Cheng *see* Ping-Wei Wang 42689
Huanghai Xie *see* Xie Huanghai
Huanguo Zhang *see* Zhang Huanguo
Huantie Li *see* Li Huantie
Huanxin Li *see* Li Huanxin
Huanzhang Liu *see* Liu Huanzhang
Huard, S.J. *see* Giovannini, H.R. 15069
Huarng Keh-Chiarng *see* Keh-Chiarng Huarng
Huashi Zhou *see* Zhou Huashi
Huat Aw Chye *see* Chye Huat Aw
Huat Tatt Gan, Tan, M. Progress in public access information service: a global perspective 30369
Huaying Wang, Yafei Wang, Yinguan Sun Study of spontaneous emission coefficients of argon ion by means of a quasi-sidelight method 12027
Hub, D.R. *see* James, C. 94
Huba, M., Bistak, P., Molnar, M. Control algorithms for saturating systems 40235
Hubacek, J.S. *see* Lyding, J.W. 42730
Hubbard, B. *see* O'Shaughnessy, K. 47008
Hubbard, C. *see* Louie, B. 7932
Hubbard, G.S. *see* McMurray, R.E., Jr. 15633
Hubbard, J.E., Jr. *see* Burke, S.E. 14931
Hubbard, J.E., Jr. *see* Sullivan, J.M. 38463
Hubbard, J.E., Jr. *see* Warde, C. 38618
Hubbard, J.R. *see* Cushman, P. 24012
Hubbard, J.R. *see* Hulbert, M. 7206
Hubbard, M.A. *see* Wang, J.F. 44071
Hubbard, R.F. *see* Fernsler, R.F. 48490
Hubbard, S.D. *see* Maxwell, G.D. 5645
Hubbert, J. *see* Zrnic, D.S. 15995
Hubbi, W., Goldberg, O. A new method for quality monitoring of induction motors 32856
Hube, K. *see* Moller, W. 28463
Hubelbank, M. *see* Feldman, C.L. 24308
Hubele, N.F., Beaumariage, T., Baweja, G., Suck-Chul Hong, Chu, R. Using experimental design to assess the capability of a system 26211
Hubele, N.F. *see* Peng, T.M. 24715
Huber, A. Open and modular control technology for distribution networks 47377
Huber, A. *see* Speck, D. 24922
Huber, B. *see* Zengerle, R. 35451
Huber, C.A., Huber, T.E., Sadoqi, M., Lubin, J.A., Manalis, S., Prater, C.B. Nanowire array composites 33763
Huber, D., Jorns, C., Tessun, H. Active pantographs for high-speed trains 17550
Huber, G. *see* Brede, R. 12039
Huber, G. *see* Danger, T. 3539
Huber, G. *see* Eilers, H. 28777
Huber, G. *see* Kuck, S. 35714
Huber, G. *see* Sandrock, T. 35713
Huber, G. *see* Schepler, K.L. 20711
Huber, H. *see* Burkmann, K. 15463
Huber, H.-L. *see* Chlebek, J. 28029
Huber, H.-L. *see* Lochel, B. 33672
Huber, H.-L. *see* Pantenburg, F.J. 28028
Huber, H.-L. *see* Stauch, H. 28023
Huber, H.-L. *see* Trube, J. 26940
Huber, J. *see* Abe, K. 7260
Huber, J. *see* Abe, K. 15619
Huber, J. *see* Abe, K. 46930
Huber, J. *see* Schuhmann, W. 31325
Huber, J. *see* Tschimpke, L. 19991
Huber, J.F. Applications of the PCN system in capacity enhancement of European mobile radio systems 45798
Huber, K. Codes over Gaussian integers 44715
Huber, K. *see* Govaert, K. 31556
Huber, M. Open system architecture for modelling of the LIGA process 27837
Huber, M., Grupen, R.A. Contact information from proprioception 38478
Huber, M. *see* Bauer, S. 41250
Huber, R.P.O. A decade of European collaboration in the development of integrated broadband communications 13981
Huber, T.E. *see* Huber, C.A. 33763
Huber, V. *see* Cerva, H. 43036
Hubers, G. *see* Tanabe, T. 34150
Hubers, H.-W. *see* Densing, R. 20948
Hubert, A. *see* Sanneck, E. 43272
Hubert, J. *see* Charbonnier, A. 14459
Huberts, P.K.A.de Witt *see* de Witt Huberts, P.K.A.
Hubin, J. *see* Sauvain, E. 34542
Hubin, J. *see* Shah, A. 34539
Hubing, T.H., Ali, M.W. Learning about EM theory and EM modeling by analyzing printed circuit boards in an enclosure 44199
Hubler, A. *see* Mayer-Kress, G. 31082
Hubler, J., Stahli, H. Heat/power station with exhaust gas recuperation 8120
Hubmann, M. *see* Bolz, A. 24345
Hubner, B. *see* Koops, H.W.P. 31470
Hubner, B. *see* Zengerle, R. 28683
Hubner, K. *see* Weber, E. 39916
Hubner, M. *see* Hingst, T. 42586
Hubner, P. *see* Rando, N. 23602
Hubner, P. *see* Videler, P. 20194
Hubner, U., Vierhaus, H.T. Efficient partitioning and analysis of digital CMOS-circuits 28270
Hubner, U. *see* Glaser, U. 1153
Hubner, W. *see* Vaananen, K. 5521
Hubral, P. *see* Schleicher, J. 15977
Hubral, P. *see* Tygel, M. 47232
Hubregtse, J. *see* Kemeny, P.C. 38021
Huck, V. *see* Genz, H. 15271
Huddleston, D.G. *see* Walker, J.R., Jr. 24566
Huddleston, W., Casto, J. IC package inner lead and chip bond pad layout recommendations for robust package manufacturing 1769
Hudek, P. *see* Fallmann, W. 11097
Hudek, P. *see* Rangelow, I.W. 28038
Hudek, P. *see* Safrankova, J. 38510
Huder, B. Antenna feed system for millimetre wave angle tracking 29398
Hudgens, R. *see* Bryant, D.T. 1611
Hudgens, R.D. *see* Small, B.A. 17928
Hudgins, J.L. *see* Bailey, D.W. 28634
Hudgins, J.L. *see* Menhart, S. 2487
Hudgins, J.L. *see* Sankaran, V.A. 40310
Hudnik, D. *see* Voncina, D. 17092
Hudon, C., Bartnikas, R. Surface and gas phase reactions arising with epoxy exposed to partial discharges 43205
Hudson, A.S. *see* Wilson, R. 2489
Hudson, B.H. *see* Horne, W.F. 47185
Hudson, C., Wild, J.M., Archer-Hall, J. Maximizing the dynamic range of the Humphrey field analyzer for blue-on-yellow perimetry 7356
Hudson, C. *see* Landis, D. 14884
Hudson, C. *see* Nelson, G.S. 24245
Hudson, E.J., Stringer, M.R., Van Staveren, H.J., Smith, M.A. The development of radio-opaque, isotropic, fibre-optic probes for light dosimetry studies in photodynamic therapy 7501
Hudson, G.C. *see* Rudder, R.A. 856
Hudson, H.E. Delivery of broadband and multimedia services: technology and policy options 37565
Hudson, R.S., Ostro, S.J. Shape of asteroid 4769 Castalia (1989 PB) from inversion of radar images 38199
Hudson, S. *see* Schneider, J. 4051
Hudson, T.D., Gregory, D.A. Off-axis joint transform correlator 36863
Hudson, W.W. The future of social service computing 30426
Hue Lee Quantitative performance analysis of the phase-only technique for high-resolution acoustical imaging 32144
Huebener, R.P. *see* Hebrank, F. 23968
Huebener, R.P. *see* Hirsch, M. 34501
Huebener, R.P. *see* Lemke, S. 20198
Huebener, R.P. *see* Quenter, D. 11551
Huebener, R.P. *see* Ustinov, A.V. 2910
Hueber, J.-M., Bernard, N., Fontaine, B.L., Delaporte, P.C. Efficient long pulse excimer lasers at 222 and 308 nm 20630
Huebner, W. *see* Fu, B. 17338
Huei Lin Shiuan *see* Shiuan Huei Lin
Huei Wang, Yatsun Hwang, Shaw, L., Ahmadi, M., Siddiqui, M., Nelson, B.L., Tait, D.L., Martin, B., Kasody, R.E., Jones, W.L., Brunone, D., Sholley, M. Monolithic V-band frequency converter chip set development using 0.2 μm AlGaAs/InGaAs/GaAs pseudomorphic HEMT technology 34274
Huei-Yang Lai *see* Chung-Ming Huang 45357
Hueki, S. *see* Yasuda, H. 27871
Huelsman, L.P. Optimization—a powerful tool for analysis and design 18047
Huelsman, L.P. PC shareware programs for analog system design 18403
Huelsman, L.P. PC programs for engineers [linear circuit CAD] 41592
Huen Tae Ha, Se Yun Kim Calculation of radiation patterns on phased array antenna of slant grid 4319
Hueners, B.W. *see* Evans, D.D. 17921
Huenert, R., Winter, G., Kiliani, W., Greifendorf, D. High-purity refractory metals and silicides for microelectronic applications 34847
Huerta, M.A. *see* Castillo, J.L. 21189
Huertas, J.L., Rodriguez-Vasquez, A., Espejo, S. Analog VLSI implementation of cellular neural networks 1377
Huertas, J.L., Rueda, A., Vazquez, D. Improving the testability of switched-capacitor filters 10275
Huertas, J.L., Rueda, A., Vazquez, D. Improving the testability of switched-capacitor filters 10277
Huertas, J.L. *see* Bellido, M.J. 10121
Huertas, J.L. *see* Espejo, S. 1362
Huertas, J.L. *see* Espejo, S. 18909
Huertas, J.L. *see* Fernandez, F.V. 26602
Huertas, J.L. *see* Rueda, A. 10284
Huertas, P., Mier, G., Dotor, M.L., Anguita, J.V., Golmayo, D., Briones, F. Monolithically integrated LED, waveguide and photodetector optical system for near-infrared biosensor 15095
Hueso, J.L., Hernandez, V., Martinez, G. Systolic algorithms for matrix functions via the commutant equation 41157

Huet, F. *see* Devaux, F. 35619
Huet, F. *see* Devaux, F. 43523
Huet, K. *see* Adam, W. 46929
Huet, M. *see* Ambrosini, G. 38898
Huet, O. *see* Stroh, R.J. 34952
Huet, S. *see* Chigolet, J.-C. 16786
Huet, Y.J. Cooperation experience concerning the Armenia nuclear power plant 39814
Huey-Liang Hwang *see* Kun-Chih Wang 34707
Huey-Liang Hwang *see* Kuo-Chiang Hsu 42928
Huey-lin Hsieh *see* In-chyuan Ho 880
Huey-Lin Hsieh *see* In-Chyuan Ho 10512
Huey-Tzy Hsu *see* Kuo-Chiang Hsu 42928
Huff, E.M. *see* Murray, J. 32018
Huff, G.J. *see* Gander, R.E. 33281
Huff, J.E. *see* Scarff, P.L. 20119
Huff, J.R. Direct methanol/air fuel cells: systems considerations 17303
Huff, J.R., Watkins, D.S., Cohen, R. PEM fuel cell utility power plant development 40071
Huff, M. *see* Lapucha, D. 46143
Huff, T. *see* Upton, M. 27003
Huff, T.R. *see* Brown, R.B. 11322
Huffaker, D.L., Lin, C.C., Deppe, D.G., Streetman, B.G., Rogers, T.J. Mode dependence on mirror contrast in Fabry-Perot microcavity lasers 44022
Huffaker, D.L. *see* Deppe, D.G. 35930
Huffel, S.Van *see* Van Huffel, S.
Huffman, J.A. *see* Werner, D.H. 36354
Huffman, J.E. *see* Watson, D.M. 15025
Huffman, R.E. *see* Oznovich, I. 29889
Huffman, S.B., Laird, J.E. Dimensions of complexity in learning from interactive instruction 47159
Huffman, S.B. *see* Pearson, D.J. 39160
Hufford, G.A. *see* Liebe, H.J. 44364
Hufstedler, E.G. *see* Woodard, N.G. 38502
Hufton, P.F. *see* Hewett, N.H. 39933
Hug, H.J., Moser, A., Jung, Th., Fritz, O., Wadas, A., Parashikov, I., Guntherodt, H.-J. Low temperature magnetic force microscopy 6743
Hug, H.J. *see* Dammer, U. 28348
Hug, N.L. *see* Todd, J.R. 39286
Hugel, H. *see* Eberl, G. 29066
Hugel, H. *see* Grunewald, K. 11963
Hugel, H. *see* Holzwarth, A. 11980
Hugel, H. *see* Paul, R. 11964
Hugel, R., Moti, G., Schweer, A. Standard evaluations and use of VDEW disturbance statistics 47411
Hugel, R. *see* Fass, R. 47412
Hugenberg, K.F. *see* Roeske, F. 3162
Hugenberg, K.F. *see* Smith, D.E. 3099
Huggard, P.G., Meyringer, M., Schilz, A., Goller, K., Prettl, W. Far-infrared bandpass filters from perforated metal screens 35543
Huggard, P.G., Zeuner, S., Goller, K., Lengfellner, H., Prettl, W. Normal state $YBa_2Cu_3O_x$ films: a new fast thermal detector for far infrared laser radiation with a uniform wavelength response 23642
Huggins, H.A. *see* Farrow, R.C. 27894
Huggins, R.A. *see* Schettler, H. 6649
Huggins, R.A. *(editor)* Annual review of materials science. Vol. 23 26011
Huggins, R.W. *see* Capron, B.A. 45945
Hughes, B. A linear dependence of F_{min} on frequency for TET's 19893
Hughes, B. *see* Tasker, P.J. 6768
Hughes, B.A. *see* Geisler, K.I. 24796
Hughes, B.M., Chan, J.S., Koval, D.O. Distribution customer power quality experience 47500
Hughes, C.A. *see* Mink, L.A. 1294
Hughes, C.D. The possibilities for mobile and fixed services in the 20/30 GHz frequency bands 37907
Hughes, C.D., Soprano, C., Feliciani, F., Tomlinson, M. Satellite systems in a VSAT environment 5853
Hughes, C.J. *see* Ghanbari, M. 30171
Hughes, D. Printing with intelligence 19226
Hughes, D., Wajda, K. Comparison of virtual path bandwidth assignment and routing methods 45461
Hughes, D.G. *see* Liu, Q. 28421
Hughes, D.R. Appropriate and distributed networks: a model for K-12 educational telecommunications 30373
Hughes, D.T., McLaughlin, S., Ushaw, G., Mulgrew, B., Broomhead, D.S. The search for chaotic output from a sigma-delta modulator: an archetypal retarded non-linear system 36636
Hughes, D.T. *see* Ushaw, G. 36634
Hughes, D.W., Majdabadi, A., Barr, J.R.M., Hanna, D.C. FM mode-locked laser-diode-pumped $La_{1-x}Nd_xMgAl_{11}O_{19}$ laser 12056
Hughes, E. *see* Mashaie, A. 9475
Hughes, E.B. Measurement of the linear thermal expansion coefficient of gauge blocks by interferometry 46661
Hughes, E.B. *see* Thompson, D.J. 7145
Hughes, E.M. *see* Metra, P. 16382
Hughes, G. *see* Ferguson, R. 26942
Hughes, G.W. *see* Webb, R.H. 23573
Hughes, H. *see* Woias, P. 6608
Hughes, H.L. *see* Revesz, A.G. 1964
Hughes, H.L. *see* Stahlbush, R.E. 34687
Hughes, J. *see* Franta, W.R. 30501
Hughes, J.L.A., Verber, C.M. Architecture and devices for an all-optical routing switch 30774
Hughes, J.M. Simulation of obstacle avoidance system (OASYS) sensor and display alternatives 39274
Hughes, J.R. *see* McDonnell, D.G. 46552
Hughes, L., Scott, S. A clean energy policy for Nova Scotia 25206
Hughes, L.A., Slemmons, J.W., Redmond, P.J., Wilson, D.R., MacGregor, D.L. Improved device attach and rework techniques for MCM-D circuits using thermoplastic adhesives and flip-TAB devices 10598
Hughes, M.A., Drake, A.D. A fiber optic turbidimeter/nephelometer 38530
Hughes, M.B., Chan, J.S. Early experiences with the Canadian National Power Quality Survey 24727
Hughes, M.S. Analysis of ultrasonic waveforms using Shannon entropy 12797
Hughes, N.A. *see* Abeles, J.H. 20863
Hughes, O.H. *see* Turner, T.S. 42505
Hughes, P.T. *see* Morris, M.E. 5520
Hughes, R. Controlled via hole filling 19227
Hughes, R. *see* Amidei, D. 46890
Hughes, R. *see* Selmi, F. 18982
Hughes, R. *see* Tkaczyk, S. 46989
Hughes, R.D., Lawrence, E.J., Withers, L.P., Jr. A robust CMA adaptive array for multiple narrowband sources 21890
Hughes, R.J.F. *see* Liang, C.-T. 42527
Hughes, R.J.F. *see* Tewordt, M. 42525
Hughes, S. *see* Sarwar, S. 31698
Hughes, S.R. *see* Sato, N. 45411
Hughes, T. *see* Boorer, A. 16147
Hughes, T.A. *see* Stallmann, M.F.M. 33820
Hughes, T.P., Chernin, D. Parametric beam instability in alternating-gradient focusing systems 6956
Hughes, W.C. *see* Stutt, C.A. 47504
Hughlett, E. *see* Progler, C.J. 27893
Hughlett, R.E. *see* Progler, C.J. 27976
Hughlock, B.W. *see* Evans, B.D. 3362
Hughlock, B.W. *see* Evans, B.D. 35841
Hughlock, B.W. *see* Gossett, C.A. 34070
Hughlock, B.W. *see* Thompson, D.J. 7145
Hughson, R.L. *see* Yamamoto, Y. 24297
Hugli, R. *see* Lott, U. 28678
Hugo, D.V. Impact of propagation effects on an adaptive TDMA network 22966
Hugon, M.C. *see* Agius, B. 18276
Hugon, M.C. *see* Stroh, R.J. 34952
Hugon, O. *see* Dubois, F. 43445
Huguenin, G.R. *see* Goldsmith, P.F. 38571
Huguet, M. *see* Prigent, P. 11993
Huh, K., Hankyung Bae A design of AC servo motor drive system—BLDC type 17517
Huh Uk-Youl *see* Uk-Youl Huh
Huhn, T., Jentschel, H.-J. Combined noise reduction and echo compensation with loudspeaking ('hands-free') telephones 22685
Huhse, D., Schell, M., Kaessner, J., Bimberg, D., Tarasov, I.S., Gorbachov, A.V., Garbuzov, D.Z. Generation of electrically wavelength tunable ($\Delta\lambda = 40$ nm) singlemode laser pulses from a 1.3 μm Fabry-Perot laser by self-seeding in a fibre-optic configuration 28829
Huhse, D. *see* Schell, M. 35798
Huhse, D. *see* Schell, M. 43882
Huhse, D. *see* Schell, M. 43901
Huhtinen, M., Aarnio, P.A. Pion induced displacement damage in silicon devices 7219
Huhtinen, M., Orava, R., Pimia, M., Tuuva, T., Ylostalo, J., Osterberg, K., Eranen, S., Leinonen, K., Hietanen, I., Turchetta, R., Schaeffer, M. Single sided stereo angle silicon strip detector 7183
Huhtinen, M. *see* Aarnio, P.A. 7224
Hui, F.L. *see* Chan, C.F. 4572
Hui, J. *see* Caffrey, R.T. 32032
Hui, K. *see* Assaderaghi, F. 19835
Hui, L.H. *see* Bradley, T.W. 47187
Hui, P., Tan, H.S. Temperature distributions in a heat dissipation system using a cylindrical diamond heat spreader on a copper heat sink 26201
Hui, R., Benedetto, S., Montrosset, I. Near threshold operation of semiconductor lasers and resonant-type laser amplifiers 12105
Hui, R., Benedetto, S., Montrosset, I. Optical frequency conversion using nearly degenerate four-wave mixing in a distributed-feedback semiconductor laser: theory and experiment 44079
Hui, R., Maio, I., Montrosset, I. Analysis of the all-electrical automatic gain control of travelling-wave semiconductor laser amplifiers 35809
Hui, R., Paradisi, A., Benedetto, S., Montrosset, I. Dynamics of optically switched bistable laser diodes in the injection-locked state 3601
Hui, R. *see* Mecozzi, A. 12104
Hui, S. *see* Lillo, W.E. 42115
Hui, S.C.M. *see* Lam, J.C. 9004
Hui, S.C.M. *see* Lam, J.C. 9005
Hui, S.P. *see* Pearton, S.J. 2581
Hui, S.Y.R. Transient effects and suppression in a compact 2 kW power factor conditioner with wide input voltage range 17074
Hui, S.Y.R., Morrall, S. Generalised associated discrete circuit model for switching devices 26694
Hui, S.Y.R. *see* Fung, K.K. 1027
Hui, S.Y.R. *see* Zhang, J. 8560
Hui, T., Morgan, P., Gurney, K., Bolouri, H. A cascadable 2048-neuron VLSI artificial neural network with on-board learning 1374
Hui, W. *see* Kitamura, T. 13131
Hui Junying *see* Cai Ping 29688
Hui Junying *see* Wen Zhoubin 4434
Hui Li *see* Cluver, K. 22981
Hui Lu *see* Lu Hui
Hui Wang *see* Wang Hui
Hui Zeng *see* Zeng Hui
Hui Zhang, Zhen-ya He Sub-band image coding with incorporating HVS model 4880
Hui Zhongxi, Zhou Chuanming, Wu Ruian, Deng Jianjun, Chen Yutao, Ding Bonan, Tang Longzhou, Zhang Jun, Meng Fanbao, Tao Zuchong, Yang Zhenhua, Tian Shihong, Dong Zhiwei, Wu Shangqing Microwave free electron laser amplifier experiments on the SG-1 device 43693
Hui Zhu *see* Rao, N.A.H.K. 38996
Hui-Fu Qiu *see* Qiu Hui-Fu
Hui-Jie Zhao *see* Zhao Hui-Jie
Hui-Ling Wang *see* Wang Hui-Ling
Hui-Ping Gu *see* Gu Hui-Ping
Hui-Wen Yao, Abdelmonem, A.E., Ji-Fuh Liang, Xiao-Peng Liang, Zaki, K.A., Martin, A. Wideband waveguide and ridge waveguide T-junctions for diplexer applications 42176
Hui-Wen Yao *see* Naishadham, K. 36133
Hui-Yuan Sun *see* Sun Hui-Yuan
Hui-Yung Chu, Hurng-Liahng Jou, Liang-Chuang Wang, Ching-Lien Huang A steady-state model for parameter design of a novel bidirectional UPS 8502
Hui-Zhen Zhang *see* Zhang Hui-Zhen
Huiberts, S.J.C. EV experiences in the Netherlands 48217
Huibin Lu *see* Zhenghao Chen 38508
Huibing Liang, HongYan Chen A new variable-speed system with fuzzy identification and fuzzy control 8818
Huibing Wan *see* Wan Huibing
Huicong Hong, Weizhuo Zhong, Zhiping Lu, Tiande Zhao, Sukun Hua Growth and habit of lithium triborate crystal by flux pulling method 18131
Huidobro, J.M. FDDI: a new standard for networks 37405
Huifen Gu *see* Gu Huifen
Huifen Zhou *see* Mingchang Wang 20921
Huifeng Li *see* Li Huifeng
Huignard, J.-P. *see* Brignon, A. 43814
Huignard, J.-P. *see* Spitz, E. 4336
Huignard, J.P. *see* Breugnot, S. 21012
Huignard, T.-P. *see* Brignon, A. 3780
Huiguo Luo *see* Luo Huiguo
Huihuang Chen *see* Chen Huihuang
Huijbregts, E.P., Jess, J.A.G. General gate array routing using a k-terminal net routing algorithm with failure prediction 33983
Huijgen, H. *see* de Haan, G. 22043
Huijsing, J.H. *see* Hogervorst, R. 41686
Huijsing, J.H. *see* Riedijk, F.R. 6306
Huijsmans, J.P.P. *see* van Berkel, F.P.F. 17279
Huijuan He *see* He Huijuan
Huijuan Li *see* Li Huijuan
Huijuan Lu *see* Lu Huijuan
Huiling Ni *see* Ni Huiling
Huimin Liu *see* Powell, R.C. 21034
Huimin Peng *see* Peng Huimin
Huiming Zhang *see* Zhang Huiming
Huiqin Fang *see* Fang Huiqin
Huish, P., Zubrzycki, J.T., Lurdes Lourenco, M. Mobile broadband System 37828
Huisheng Tian *see* Tian Huisheng
Huisinga, R. *see* Weber, R.J. 19044
Huiskamp, G.J.M., Oostendorp, T.F., Pijls, N.H.J., van Oosterom, A. Invasive confirmation of the human ventricular activation sequence as computed from body surface potentials 39048
Huisken, J.A., Delaruelle, A., Egberts, B., Eeckhout, P., Van Meerbergen, J. Synthesis of synchronous communication hardware in a multiprocessor architecture 41940
Huisman, H. A multiphase series-resonant converter with a reduced number of thyristors and common grounds for inputs and outputs 8558
Huisman, L.M., Kundu, S. Highly reliable symmetric networks 37512
Huisman, L.M. *see* Kundu, S. 1154
Huisman, R.F. *see* Nordin, R.A. 43415
Huissoon, J.P. *see* Purcell, D.W. 47300
Huitian Wang *see* Wang Huitian
Huizer, A.H. *see* Vleggaar, J.J.M. 11007
Huizer, E., Abbema, J., Heijne, M., Verschuren, T. Reaching out to the end user [SURFnet projects] 14137
Huizhi Cai *see* Cai Huizhi
Huizhong Yang *see* Yang Huizhong
Huizhu Zou *see* Zou Huizhu
Huizti, X. *see* Garcia-Alonso, A. 6437
Huizuo Qian *see* Qian Huizuo
Huk, W.J. *see* Stefan, H. 31947
Hukka, T.I., Rawles, R.E., D'Evelyn, M.P. Low pressure diamond growth using a secondary radical source 41446
Hulbert, M., Leedom, I., Reucroft, S., Ruuska, D., Yasuda, T., Bhatti, A., Melese, P., Rusack, R.,

Bonamy, P., Comby, G., Ernwein, J., Hubbard, J.R., Fenker, H., Morgan, K., Regan, T., Wang, A.T.M., Cushman, P., Hou, S.R. Effect of a preshower detector on calorimetry performance 7206
Hulbert, M. *see* Cushman, P. 24012
Hulderman, G.N. Five-port hybrid-integrated MMW monopulse tracking sensor 24567
Hulicki, Z. Performance analysis of high speed switching modules under various traffic conditions 37068
Hulin, D. *see* Andriesh, A. 3796
Hulin, D. *see* White, J.O. 21044
Huling, B. *see* Anderson, B. 34783
Hull, A.W., Jenkins, W.K. Performance improvement of blind equalizers using the constant modulus algorithm 21885
Hull, A.W. *see* Vigil, A.J. 11423
Hull, C.D., Meyer, R.G. A systematic approach to the analysis of noise in mixers 33935
Hull, J. *see* Hodges, C.R. 334
Hull, J. *see* Shin, Y.-C. 22171
Hull, R., Millard, J., Brunnader, H. Development of radiation hardened electronics [ITER/NET] 15264
Hull, R. *see* Macaulay, J.M. 2029
Hull, R. *see* Ross, F.M. 34912
Hull, R. *see* Wegscheider, W. 12250
Hull, S.M. *see* Evans, J.W. 9797
Hull-Allen, G. *see* Ball, G.A. 3542
Hull-Allen, G. *see* Ball, G.A. 43797
Hulle, M.M.Van *see* Van Hulle, M.M.
Hullett, J.L. B-ISDN and the evolution of MAN 30481
Hulley, L.N. *see* Cumbi, M.J.N. 1028
Huloux, H., Gilbert, J. Hybrid-constructed model chip for digital control of household apparatus via mains wiring 30563
Hulse, R. A mixed signal analog test bus framework (panel) 6333
Hulse, R. Mixed-signal testing using analog scan design 10345
Hulsen, U. *see* Biester, M. 14418
Hulsen, U. *see* Friedrich, J.A. 14449
Hulsey, G. *see* Walling, L. 46754
Hulskamp, J.P. *see* Lampe, C.G. 38734
Hulsmann, A., Muhlfriedel, E., Raynor, B., Glorer, K., Bronner, W., Kohler, K., Schneider, J., Braunstein, J., Schlechtweg, M., Tasker, P., Thiede, A., Jakobus, T. 0.15 μm T-gate e-beam lithography using crosslinked P(MMA/MAA) developed in ortho-xylene resulting in high contrast and high plasma stability for dry etched recess gate pseudomorphic MODFETs for MMIC production 27315
Hulsmann, A. *see* Braunstein, J. 19142
Hulsmann, A. *see* Braunstein, J. 27263
Hulsmann, A. *see* Klingenstein, M. 15001
Hulsmann, A. *see* Klingenstein, M. 31224
Hulsmann, P., Kurz, M., Glock, H.-W., Klein, H. Determination of field strength and quality factor of heavily HOM damped accelerator cavities 15517
Hulsmann, P. *see* Balewski, K. 46775
Hulsmann, P. *see* Kurz, M. 7073
Hulstrom, R.L. *see* Cannon, T.W. 25698
Hulsweh, T. *see* Candelaria, J. 2648
Hult, M., Whitlow, H.J., Ostling, M., Andersson, M., Andersson, Y., Lindeberg, I., Stahl, K. Rapid thermal annealing induced reactions of Co/GaAs thin film structures: Studies using mass and energy dispersive recoil spectrometry 27578
Hultine, E. *see* Prasad, S.J. 28111
Hulyalkar, S.N. *see* Guan, Z.-Y. 12819
Hum, P.J., Leong, M.S., Kooi, P.S., Yeo, T.S. $(FD)^2$-TD and experimental comparison for a cylindrical cavity loaded with lossy dielectric 21355
Humar, M. *see* Ilic, R. 39127
Humbach, O. *see* Knigge, S. 3802
Humbach, O. *see* Stohr, A. 28509
Humbert, G. *see* Glotin, F. 7019
Humblet, P. *see* Alexander, S.B. 6055
Humblet, P.A. *see* Barry, R.A. 6068
Humblet, P.A. *see* Hamdy, W.M. 6058
Humblot, H. *see* Arianer, J. 23993
Humer, W. Logic/timing analyzer tracks down production-stopping signals 46336
Humer-Hager, T., Bauer, D., Cronjaeger, S. Broadband communications: short-term realization and impact on public networks 14180
Humer-Hager, T. *see* Bauer, D. 37561
Hummel, J. *see* Fredric, C. 48141
Hummel, J.E. *see* Biederman, I. 37050
Hummel, K.D. *see* Genz, H. 15271
Hummel, R., Kampa, H., Warnecke, H.-J. Setting up QA systems in small and medium production enterprises. 1 426
Hummel, R., Kampa, H., Warnecke, H.-J. Setting up QA systems in small and medium production enterprises. 2 428
Hummel, S.G. *see* Sahara, R.T. 43514
Hummels, D.M., Kennedy, S.P. Improved dynamic compensation of ADCs using an iterative estimate of the ADC calibration signal 10238
Hummels, D.M. *see* Irons, F.H. 18830
Hummels, D.M. *see* Musavi, M.T. 4638
Hummer, K.A. *see* Ming-Yi Li 6761
Hummer, N. Boundary scan in the ASIC 18607
Humor Hwang, Haddad, R.A. Multilevel nonlinear filters for edge detection and noise suppression 45257
Humpage, W.D. *see* Nguyen, T.T. 25009
Humphrey, D.A. *see* Chen, Y.K. 42880
Humphrey, D.A. *see* Witmer, S.B. 2471
Humphrey, F.B. *see* Opalsky, D. 43293
Humphrey, J.A.C. *see* Queipo, N. 40959
Humphrey, R. *see* Ruth, R.D. 46776
Humphreys, D.A. *see* Knight, D.J.E. 6295
Humphreys, D.A. *see* Watson, C.D. 11669
Humphreys, J.C., Walker, M.L., Puhl, J.M., Dick, C.E., McLaughlin, W.L. Calibration of high-energy electron beams by use of graphite calorimeters 23967
Humphreys, N. Local network cable pair information system 5362
Humphreys, R.G. *see* Keene, M.N. 20213
Humphreys, T.P. *see* Rudder, R.A. 856
Humphries, S., Jr., Baltrusaitis, R.M., Ekdahl, C., Young, C., Warn, C. BMAP dipole magnet field analysis and orbit tracking 46774
Hun Kim Kook *see* Kook Hun Kim
Hun Kim Kuk *see* Kuk Hun Kim
Hun Park Chan *see* Chan Hun Park
Hun-Chang Sheu, Kwang-Ting Liu Automatic multichannel on-line conductivity measurement system for first order solvolysis based on PC/XT/AT. Hardware and software 6325
Hundhausen, M. *see* Haken, U. 34541
Hundhausen, M. *see* Nagy, A. 42436
Hundhausen, M. *see* Teuschler, T. 34575
Hundley, W., Rowson, S., Courtney, G., Wullschleger, V., Velez, R., O'Donnell, P. Flight evaluation of a basic C/A-code differential GPS landing system for Category I precision approach 46137
Hundschin, E. *see* Handke, J. 47619
Hundt, D.G., Stutzman, W.L. Pattern measurement distance for broad beam antennas 29395
Huneault, M. PC-based computer-assisted analysis of power systems 39451
Huneke, J.C. *see* Dunlop, J.A. 842
Huner, B. Leveling of thick film inks and solder pastes in the presence of slow surface evaporation 19249
Hunerhoff, D. *see* Moller, W. 28463
Hung, A.C., Meng, H.-Y. Adaptive channel optimization of vector quantized data 5710
Hung, A.C. *see* Meng, T.H. 14489
Hung, B. *see* Garcia, S.G. 30885
Hung, C.-C. *see* Jou, S.-J. 9909
Hung, C.K., Lai, E.M.-K. An intelligent assistant for the management of telecommunications network services 37353
Hung, C.Y. *see* Siri, K. 18478
Hung, D.C.D. Enhancement and feature purification of fingerprint images 13638
Hung, E.K.L. A critical study of a self-calibrating direction-finding method for arrays 45015
Hung, H.-L.A. *see* Huang, S.L. 1614
Hung, H.-S. *see* Lin, S. 36722
Hung, J.Y. *see* Cho, C.P. 47896
Hung, K.C. *see* Chiou, R.N. 36958
Hung, S.-C. *see* Greenberg, R.I. 41559
Hung, S.L., Lam, K.W., Lam, K.Y. Efficient technique for performance analysis of locking protocols 37151
Hung, Y.Y. *see* Chau, F.S. 21112
Hung Chen-Ming *see* Chen-Ming Hung
Hung Chia-I *see* Chia-I Hung
Hung Feng-Yue *see* Feng-Yue Hung
Hung Gih-Guang *see* Gih-Guang Hung
Hung Hing-Tsun *see* Hing-Tsun Hung
Hung Jen-Sheng *see* Jen-Sheng Hung
Hung Kwok-Wah *see* Kwok-Wah Hung
Hung Liao, Cale, T.S. Three-dimensional simulation of an isolation trench refill process 10949
Hung Tat Tsui *see* Ji Yu Shi 13673
Hung Yi-Ping *see* Yi-Ping Hung
Hung-Chun Chang, Ting-Huei Lin Electromagnetic analysis of fused tapered optical fiber couplers 11624
Hung-Chun Chang *see* Huoy-Jong Wu 35782
Hung-Kei Chow, K., Liou, M.L. Genetic motion search algorithm for video compression 37019
Hung-Pin Shiao *see* Shou-Zen Chang 678
Hung-Tser Lin *see* Yao-Huang Kao 12129
Hung-Yu Chiang *see* Chiang Hung-Yu
Hung-Yu Lin, Lein Harn A generalized secret sharing scheme with cheater detection 12971
Hung-Yu Lin *see* Harn, L. 37502
Hung-Yu Lin *see* Lein Harn 13903
Hung-Yu Wang *see* Chun-Ming Chang 27046
Hung-Yu Wang *see* Chun-Ming Chang 27047
Hung-Yu Yang, Castaneda, J.A., Alexopoulos, N.G. The RCS of a microstrip patch on an arbitrarily biased ferrite substrate 36394
Hung-Zi Yang *see* Hsin-Teng Sheu 22054
Hungenahally, S.K., Maheshwari, P., Harrison, H.B. Fractional discriminant functions: applications of the study of neuro-morphology of biological vision in medical image processing and remote sensing 13755
Hungenahally, S.K., Postula, A., Jain, L.C. Neuro-morphology of biological vision: fractional discriminant functions in the emulation of visual receptive fields for remote sensed images 4963
Hunger, A. *see* Lohmann, D. 46810
Hunke, M. *see* Dauk, J. 15315
Hunneman, R. *see* Irwin, P.G.J. 28578
Hunsperger, R.G. *see* Chu, D.K.T. 20049
Hunt, A. Recurrent neural networks for syllabification 4575
Hunt, A. Recurrent neural networks for syllabification 29509
Hunt, A.J. Recent advances in utilising prosody in speech recognition 13030
Hunt, A.J., Henderson, P.C.B., Samouelian, A., Song, J.M., King, R.W. Engineering a speech-controlled voice-mail demonstration system operating on the telephone network 14072
Hunt, A.W. *see* Johnson, M.D. 26399
Hunt, A.W. *see* Johnson, M.D. 33614
Hunt, A.W. *see* Orr, B.G. 41352
Hunt, B. *see* Saulnier, G.G. 20203
Hunt, B.R. Prospects for image restoration 37013
Hunt, B.R. *see* Sementilli, P.J. 13575
Hunt, B.R. *see* Sementilli, P.J. 29853
Hunt, C.E. *see* Desmond, C.A. 19591
Hunt, D. *see* Young, M.R. 24302
Hunt, E.R., Johnson, G. Keeping chaos at bay 26636
Hunt, E.R. *see* Johnston, G.A. 26655
Hunt, J.H., Burns, R.H., Roullard, P., Widen, K.C., Stanton, J.M. High stability single-mode continuous wave photolytic iodine laser 3451
Hunt, J.T., Manes, K.R., Renard, P.A. Hot images for obscurations 12416
Hunt, J.W. *see* Jeffers, R.J. 15898
Hunt, J.W. *see* Lalonde, R.J. 15893
Hunt, K.J., Black, R.I. Planning for terrestrial digital television 30947
Hunt, M.E. High efficiency dynamic radioisotope power systems for space exploration—a status report 39299
Hunt, M.E. *see* Otting, W.D. 7512
Hunt, N.E.J., Schubert, E.F., Kopf, R.F., Sivco, D.L., Cho, A.Y., Zydzik, G.J. Increased fiber communications bandwidth from a resonant cavity light emitting diode emitting at $\lambda = 940$ nm 11870
Hunt, P. *see* Filseth, E. 10273
Hunt, R. The future of TCP/IP and ISO/GOSIP—migration or coexistence? 37482
Hunt, S., Carlsson, L.A. Debonding in overmolded integrated circuit packages 320
Hunt, S. *see* Bourianoff, G. 38776
Hunt, T.D., Sealy, B.J., Hanebeck, J., Reeson, K.J., Homewood, K.P., Gwilliam, R.M., Meekison, C.D., Booker, G.R. Fabrication and evaluation of ternary Co-Fe-Si structures produced by ion beam synthesis 10881
Hunt, T.G. *see* Mali, E.J. 32707
Hunt, T.K. *see* Ivanenok, J.F., III 39301
Hunt, T.K. *see* Sievers, R.K. 7553
Hunt, V.J. *see* Garrett, P.H. 33605
Hunt, W.D., Cameron, T., Saw, J.C.B., Kim, Y., Suthers, M.S. Transverse and longitudinal modes in waveguide-coupled resonators 2746
Hunt, W.D., Cameron, T., Saw, J.C.B., Kim, Y., Suthers, M.S. Mode profiles in waveguide-coupled resonators 2758
Hunt, W.D., Cameron, T., Saw, J.C.B., Yoonkee Kim, Suthers, M.S. Mode profiles in waveguide-coupled resonators 11445
Hunt, W.D. *see* Kenney, J.S. 2747
Hunt, W.D. *see* Kenney, J.S. 2778
Hunt, W.D. *see* Kim, Y. 11429
Hunt, W.D. *see* Sleva, M.Z. 16051
Hunter, B., Bleakley, G. High integrity plant monitoring within power stations 32584
Hunter, D.I. *see* Venkatapathi, S. 8111
Hunter, D.K., Legg, P.J., Andonovic, I. Architecture for large dilated optical TDM switching networks 5670
Hunter, D.K., Smith, D.G. An architecture for frame integrity optical TDM switching 6071
Hunter, G.P. *see* Ramsden, V.S. 8820
Hunter, G.P. *see* Zhang, J. 8855
Hunter, I.C. *see* Chandler, S.R. 27146
Hunter, I.W. *see* Perreault, E.J. 24278
Hunter, J. *see* Haney, S.J. 27814
Hunter, J. *see* Nguyen, H.K. 2258
Hunter, J. *see* Thai, S. 4338
Hunter, P., Willis, B. Finishing school 34442
Hunter, P.R. *see* Smith, R.J., II 307
Hunter, R., Dixon, I., Ablard, W. Fax-on-demand systems for business and home applications 22492
Hunter, R. *see* Macnaughton, D. 25262
Hunter, R. *see* Woods, B.J. 22489
Hunter, R. *see* Woods, B.J. 22499
Hunter, R., Elliot, G. *(editors)* Wind-diesel systems. A guide to the technology and its implementation 40808
Hunter, S. *see* Ford, J.E. 20245
Hunter, S.D. *see* Thompson, D.J. 7145
Hunter, T.A., Farris, E.H. Darlington reactor maintenance study 16605
Hunter, T.R. *see* Kooi, J.W. 43360
Hunter, W.R., Seely, J.F. Low-radiation-damage multilayer coatings for the soft-X-ray region 3711
Hunter, W.R. *see* Ting, L.M. 42767
Huntley, J. The Quality Evaluator—a computer application for LANs 5447
Huntley, M.S., Jr. *see* Osborne, D.W. 15962
Huntsberger, T., Jawerth, B. Wavelet based sensor fusion 30052

Huntsberger, T.L. *see* Soh, Y. 22275
Huntsberger, T.L. *see* Soh, Y. 22276
Hunwick, R.J. *see* Simpson, S.W. 25305
Hunziker, W., Vogt, W., Melchior, H. Self-aligned optical flip-chip OEIC packaging technologies 28684
Huo, Z. *see* Giger, M.L. 24235
Huo Hongwei, Han Jungang Hardware specification and verification using higher-order logic 1207
Huo Qiang *see* Qiang Huo
Huo Yan *see* Yan Huo
Huo Yujing, Cai Jinxing, Zhou Bingkun, Shen Dezhong, Ma Xiaoyan, Xing Zhiwei Extracavity doubling laser of YAG-KTP pumped by LD 20740
Huo Yujing, Cai Jinxing, Zhou Bingkun, Shen Dezhong, Ma Xiaoyan, Zhang Aihua LD pumped Nd:YAG intracavity frequency doubled laser and its modes 20668
Huo Yujing, Shen Dezhong, Cai Jinxing, Ma Xiaoyan, Zhang Aihua, Zhou Bingkun Extracavity frequency doubling of LD pumped miniature solid state laser 20672
Huo Yujing, Yi Xilin, Chen Kangmei, Zhou Bingkun, Lu Baosheng, Pan Hengfu, Xue Jing A study of NYAB self frequency-doubling laser pumped by laser diode 20671
Huo Yujing *see* Zhang Jincang 20320
Huo Zhenguang *see* Zheng Jie 29000
Huomo, H. *see* Asoka-kumar, P. 23994
Huong Lam Nguyen *see* Nguyen Huong Lam
Huonker, R. *see* ter Brake, H.J.M. 21279
Huot, J., Akiba, E., Ogura, T., Ishido, Y. Properties and electrode performances of $(Zr,A)V_{0.5}Ni_{1.1}Mn_{0.2}Fe_{0.2}$ (A=Ti, Nb and Hf) for nickel-hydrogen rechargeable batteries 48070
Huoy-Jong Wu, Hung-Chun Chang Analysis of external optical feedback on distributed-feedback semiconductor lasers above threshold 35782
Huper, K. *see* Paul, S. 18908
Hupper, G., Pyragas, K., Scholl, E. Complex spatiotemporal dynamics of current filaments in crossed electric and magnetic fields 27450
Huq, S.E., Moody, R.A., Herman, P., Prewett, P.D. A systematic characterisation of AZPN114 electron beam resist 28040
Hur, C.W. *see* Park, B.W. 23710
Hur, K.Y., Compton, R.C. Airbridged-gate MESFETs fabricated by isotropic reactive ion etching 11245
Hur, K.Y., Schaff, W.J., Eastman, L.F., Compton, R.C. A MODFET process for micrometer scale strained layer islands 28192
Hurd, C.M., McKinnon, W.R. Modeling the behavior of photogenerated charge in semi-insulating GaAs 20514
Hurd, R.J. *see* Pasquariello, D.M. 17197
Hurditch, R. *see* Honda, K. 11064
Hurditch, R.J. *see* Hansen, S.G. 11086
Hurditch, R.J. *see* Robertson, S.A. 11062
Hurdubetiu, S. HV substation 3-D electric field distribution 48033
Huret, F., Kennis, P., Pribetich, P. Determination of the frequency range of complex modes of boxed microstrip lines 10389
Hurh, P. *see* Clark, E. 24010
Hurinville, B., De Luca, O. RF modem for high capacity radio system 14441
Hurkx, F., Peek, H.L., Slotboom, J.W., Windgassen, R.A. Anomalous behavior of surface leakage currents in heavily doped gated-diodes 34895
Hurle, D.T.J. *see* Joyce, G.C. 635
Hurley, B. *see* Turner, T. 14033
Hurley, B. *see* Turner, T. 30322
Hurley, G.W. Solar source antenna gain degradation measurements 29286
Hurley, J. *see* Eikelberger, R. 42290
Hurley, J. *see* Wilson, D. 8181
Hurley, P.K., Kiely, C.J., Hall, S., Earwaker, L.G., Briggs, M.C., Keen, J.M. Partial oxidation of porous silicon 19563
Hurng-Liahng Jou *see* Hui-Yung Chu 8502
Hurson, A.R. *see* Johnson, K.T. 26778
Hurson, A.R. *see* Miller, P.M. 10143
Hurst, J.E., Jr., Kozlovsky, W.J. Optical recording at 2.4 Gbit/in^2 using a frequency doubled diode laser 20422
Hurst, P.J. *see* Brown, J.E.C. 28374
Hurst, W.M., Mason, M.J., Rocamora, R.G. Latest technology advancements in the design and construction of power capacitors result in enhanced operating characteristics and increased reliability 25625
Hursta, W.N. *see* Steinhaus, B.M. 39061
Hurtado, E.G. Digital video compression techniques 5127
Hurtado, E.G. The present position of digital TV 38290
Hurter, T. *see* Aubin, J. 25519
Hurtgen, B. Contractivity of fractal transforms for image coding 13480
Hurtgen, B., Buttgen, P. Fractal approach to low rate video coding 29939
Hurvich, C.M. *see* Simonoff, J.S. 9393
Hurwitz, A.M. Uniformity measures in semiconductor manufacturing 10798
Husain, A. *see* Bristow, J. 7532
Husain, I. *see* Ehsani, M. 33888
Husain, I. *see* Ehsani, M. 40134
Huselstein, J.-J., Gauthier, C., Glaize, C. Use of the MOSFET channel reverse conduction in an inverter for suppression of the integral diode recovery current 1067
Huseman, J.M. Servicing solid-state power supplies 40309
Husemann, A. *see* Por, G. 39870
Husemann, K.-D. *see* Marx, A. 20207
Husemann, R.-U. *see* Heiermann, G. 39896
Hush, D.R. *see* Fogler, R. 46040
Hush, D.R. *see* Fogler, R.J. 30868
Hush, D.R. *see* Krukar, R.H. 2147
Hush, D.R. *see* Krukar, R.H. 6780
Husk, D.E. *see* Benitez, E.L. 43627
Husman, M.S., Rukavina, J.P., Guo, Y. A study of the SMT adhesive placement process 34418
Husmann, D. *see* Einfeld, D. 15326
Huson, F.R. *see* Gui, M. 24021
Huson, F.R. *see* Gui, M. 24075
Huson, F.R. *see* White, J.T. 31751
Husoy, J.H., Randen, T., Gulsrud, T.O. Image texture classification with digital filter banks and transforms 22096
Husoy, J.H. *see* Bever, M. 13561
Husoy, J.H. *see* Hartung, F. 22118
Husoy, J.H. *see* Randen, T. 30055
Huss, H., Kohler, F. Computer aided generation of sinusoidal function outputs in nonlinear systems 29657
Hussain, B., Kabuka, M.R. A novel feature recognition neural network and its application to character recognition 36993
Hussain, B. *see* Alsammarae, A.J. 32573
Hussain, J. *see* Acharya, S.K. 16721
Hussain, K. *see* Naseem, S. 17388
Hussain, M.G.M. *see* Jaragh, M.H. 41908
Hussain, S., Barton, S.K. The effect of phase noise on noncoherent modulation schemes for hand-held satellite terminals 22923
Hussain, S., Barton, S.K. The effect of oscillator phase noise on DPSK demodulation for picoterminal reverse links 22945
Hussain, S., Barton, S.K. Noncoherent detection of FSK signals in the presence of oscillator phase noise in an AWGN channel 22983
Hussain, T., Cleaver, J.R.A., Ahmed, H. Fabrication and performance of GaAs metal-semiconductor field effect transistors with step-graded striped focused ion beam doping in the channel regions 42612
Hussain, T.M., Saadawi, T.N., Ahmed, S.A. Overhead infrared sensor for monitoring vehicular traffic 23621
Hussain, Z. *see* Hill, D.L.G. 15774
Hussain, Z. *see* Reich, T. 7307
Hussein, F.M. *see* El-Shobokshy, M.S. 17393
Hussein, M., Sebak, A., Hamid, M. Scattering and coupling properties of a slotted elliptic cylinder 36167
Hussels, P., Mehne, M., Hentschel, F. Synthesis of cycloconverter and current-source-inverter presentation of a new control strategy 8847
Hussey, C.D. *see* Li, Y.W. 43401
Hussey, T.W. *see* Peterkin, R.E., Jr. 40370
Hussien, B., Sridhar, B. A robust line extraction and matching algorithm 4993
Hussien, B. *see* Sridhar, B. 22067
Hussmann, H. Performance evaluation of the DECT radio resource management 45830
Hussmann, H. *see* Rokitansky, C.-H. 45812
Huster, R., Kovacs, A., Stoffel, A. Etch-stop behaviour of depletion layers 27709
Huston, D.R., Fuhr, P.L. Intelligent materials for intelligent structures 23652
Huston, D.R. *see* Fuhr, P.L. 6527
Huston, D.R. *see* Fuhr, P.L. 23541
Huston, D.R. *see* Fuhr, P.L. 23679
Huston, D.R. *see* Fuhr, P.L. 31263
Huston, D.R. *see* Fuhr, P.L. 31264
Huston, D.R. *see* Spillman, W.B., Jr. 23670
Hutchby, J.A. *see* Slater, D.B., Jr. 42897
Hutchens, S. *see* Quigley, M. 45482
Hutcheon, D.A. *see* Woody, C.L. 7253
Hutchings, M.J., Blake-Coleman, B.C. A transimpedance converter for low-frequency, high-impedance measurements 38647
Hutchins, D.A., Jansen, D.P., Edwards, C. Noncontact Lamb wave tomography using laser-generated ultrasound 9853
Hutchins, D.A., Mottram, J.T., Hines, E.L., Corcoran, P., Anthony, D.M. A neural network approach to ultrasonic tomography 9812
Hutchins, D.A. *see* Billson, D.R. 919
Hutchins, D.A. *see* Billson, D.R. 18372
Hutchins, D.A. *see* Jansen, D.P. 33784
Hutchins, D.A. *see* Sayer, M. 28322
Hutchins, D.A. *see* Schindel, D.W. 16069
Hutchins, D.A. *see* Schindel, D.W. 47298
Hutchins, D.R. *see* Wellman, R.J. 46096
Hutchins, G. *see* Ballingall, J.M. 1640
Hutchins, J. *see* Blair, S.L. 42806
Hutchins, R.G. *see* Sworder, D.D. 5006
Hutchins, R.G. *see* Sworder, D.D. 31297
Hutchins, S. *see* Chevallay, E. 38810
Hutchinson, A.L. *see* Faist, J. 20554
Hutchinson, D. *see* Yeadon, N. 5501
Hutchinson, H.J., Higgs, A.W., Herbert, D.C., Smith, G.W. Observation of miniband transport in GaAs/$Al_{0.33}Ga_{0.67}As$ superlattices 19402
Hutchinson, J., Kalpakjian, K., Schenker, R., Oldham, W. Evaluation of liquid silylated resists for 213 nm exposure 27806
Hutchinson, J.M., Das, S., Qui-De Qian, Gaw, H.T. Modeling spray/puddle dissolution processes for deep-ultraviolet acid-hardened resists 11034
Hutchinson, J.M.R. *see* Unterweger, M.P. 38840
Hutchinson, J.W. *see* Bhihe, C.K. 41397
Hutchinson, M.H.R. *see* Danson, C.N. 3569
Hutchinson, M.H.R. *see* Luan, S. 20969
Hutchinson, M.H.R. *see* Mercer, I.P. 43780
Hutchinson, S.A., Gao, S., Ai, L., Ng, K.T., Deale, O.C., Cahill, P.T., Lerman, B.B. Three-dimensional modeling of electrical defibrillation on a massively parallel computer 24327
Hutchinson, S.A. *see* LaValle, S.M. 22277
Hutchinson, S.A. *see* LaValle, S.M. 29873
Hutchinson, T.E. *see* White, K.P., Jr. 24324
Hutchinson, W.K. *see* Sonnenschein, A. 22932
Hutchison, D. *see* Ball, F. 5303
Hutchison, S.B., Baer, T., Cox, K., Gooding, P., Head, D., Hobbs, J., Kierstead, M., Kintz, G. Advances of 3-10 Watt average power diode pumped lasers 20719
Huter, H. Switch application to invertor control 8609
Hutfless, J. *see* Geiger, M. 12306
Hutfless, J. *see* Geiger, M. 21139
Huth, N. Evolution vs revolution in DRAMs 10144
Huth, N. Next-generation memories 18718
Huth, S., Winternheimer, S. The switching behaviour of an IGBT in zero current switch mode 2479
Huth-Fehre, T., Westman, A., Sundqvist, B.U.R. A simple method to monitor the intensity profile of a pulsed laser beam with micrometer resolution 35961
Huting, W.A., Warren, J.W., Krill, J.A. Recent developments in circular high-power overmoded waveguide 1397
Huting, W.A., Warren, J.W., Krill, J.A. Some recent developments in circular overmoded waveguide 18951
Hutt, C.R. *see* Peterson, C.V. 29678
Hutt, P. *see* Vince, R. 25072
Huttenhofer, K., Sigling, R., Spitznagel, G.W. NO_x and Dioxin abatement by SCR catalysts 39977
Huttenlocher, D.P., Klanderman, G.A., Rucklidge, W.J. Comparing images using the Hausdorff distance 4788
Hutter, G., Breitenberger, G., Gutowski, W., Valter, H., Hartmann, W., Bohm, O., Seiler, H., Spitz, W., Zahringer, G. New power amplifiers for 200 kW at 27 MHz [UNILAC RFQ injector] 9976
Hutter, G. *see* Amendola, G. 15300
Hutter, G. *see* Angert, N. 6905
Hutter, L., Smith, J., Goon, J. Analog BiCMOS technology 11328
Hutter, L.N., Smith, J.P., Goon, J.D. BiCMOS technology for mixed-signal and power applications 11325
Hutter, V.S. Integrated operational planning at Bruce A NGS 16543
Hutter, W. *see* Frogner, M. 8273
Huttner, B. *see* Barnett, S.M. 21518
Hutton, A. Designing reliability into accelerators 6891
Hutton, A. *see* Dorfan, J. 15288
Hutton, A. *see* Fieguth, T. 15555
Hutton, A. *see* Hindi, H. 7090
Hutton, J. *see* VanGorden, S. 6575
Hutton, R. Condition monitoring and its contribution to life cycle costs 47827
Hutton, R.S. *see* Taylor, G.N. 28033
Hutton, R.S. *see* Taylor, G.N. 28037
Hutton, S. *see* Wheeler, D.R. 27958
Huttunen, J., Turunen, J., Saarinen, J. Diffractive waveguide lenses with optimized high-efficiency structures 12468
Huttunen, J., Turunen, J., Saarinen, J. High-efficiency diffractive waveguide lenses by parametric optimization 43493
Huttunen, J. *see* Saarinen, J. 3934
Huttunen, J. *see* Saarinen, J. 44162
Huu-Nghia Vuong *see* Bazargan-Sabet, P. 41734
Huusko, J., Lantto, V., Torvela, H. TiO_2 thick-film gas sensors and their suitability for NO_x monitoring 6619
Huvel, B., Eisenhauer, G. District heat combine in Karlsruhe—technology and costs 47714
Hux, G. 245 kV circuit breaker now available with group operating mechanism 32959
Hux, G. Factors influencing the reliability of modern HV circuit breakers 48007
Huy, D.-Y., Cho, G.-H. Electronic step down (220/110 V) transformer using a new quantum series resonant converter 40315
Huy Pham Xuan *see* Xuan Huy Pham
Huy Phan Trung *see* Phan Trung Huy
Huyart, B. *see* Abou Chahine, S. 31399
Huyart, B. *see* Bergeault, E. 23860

Huyberechts, G., Honore, M., Roggen, J. Characterisation of strontium containing tin dioxide based thick film humidity sensors 6405
Huynh, D.Q., Owens, R.A. Line labelling and region segmentation in stereo image pairs 45187
Huynh, H.-L., Poon, W.Y. Quasi-isometries and bicombings 9415
Huynh, L.T. *see* Chua, L.O. 9931
Huynh, N. *see* Pulle, D.W.J. 8885
Huynh Lap *see* Lap Huynh
Huzhuang Wang *see* Wang Huzhuang
Hvozdara, M. On the computation of the magnetic field due to a d.c. point electrode at the vertical boundary between two quarter-spaces 7591
Hwa, H.R., Craig, T.M. Buffer size estimation for a B-ISDN link 30537
Hwa Ee Lee *see* Sun Bok Lee 1705
Hwa Er Meng *see* Meng Hwa Er
Hwa Jang Soon *see* Soon Hwa Jang
Hwa Koak Byong *see* Byong Hwa Koak
Hwa-Liang Chiou, Yuvarajan, S., Weimer, J., Fronista, G. A novel method of using waveform-generators for sine pulsewidth modulation 41649
Hwa-Yuh Shin *see* Cheng, C. 46926
Hwai-Chi Wang *see* Kasper, G. 1998
Hwan Ahn Ki *see* Ki Hwan Ahn
Hwan Byeon Ok *see* Ok Hwan Byeon
Hwan Hwang Dong *see* Dong Hwan Hwang
Hwan Jang Seong *see* Seong Hwan Jang
Hwan Kim Dae *see* Dae Hwan Kim
Hwan Kim Yeo *see* Yeo Hwan Kim
Hwan Lim Young *see* Young Hwan Lim
Hwan Park Jae *see* Jae Hwan Park
Hwan Seong Moon, Jae Suk Lee, Sung Wook Han, Jong Wan Park, Jae Hak Lee, Seung Kee Yang, Hyung Ho Park Effect of deposition temperature on dielectric properties of PECVD Ta_2O_5 thin film 33734
Hwan Son Dong *see* Dong Hwan Son
Hwan Yun Myung *see* Myung Hwan Yun
Hwang, C.-T., Hsu, Y.-C. Zone scheduling 1130
Hwang, C.-T., Hsu, Y.-C., Lin, Y.-L. PLS: a scheduler for pipeline synthesis 18426
Hwang, D.-S., Hsu, P.-L. The LQG/LTR controller design for the wind tunnel 7522
Hwang, F.K. *see* Chen, R.W. 17973
Hwang, F.K. *see* Hu, X.D. 45501
Hwang, G.-H. *see* Shen, W.-Z. 18586
Hwang, G.-J., Tseng, S.-S. A heuristic task assignment algorithm to maximize reliability of a distributed system 22600
Hwang, H., Lee, M.H., Song, D.I. Interlaced to progressive scan conversion with double smoothing 4939
Hwang, H. *see* Arodzero, A. 7256
Hwang, H. *see* Choi, Y.S. 14793
Hwang, H. *see* Choi, Y.S. 38270
Hwang, H.I. *see* Kim, K.Y. 9778
Hwang, H.L. *see* Chen, P.C. 10932
Hwang, H.L. *see* Hsieh, J.T. 10952
Hwang, H.L. *see* Hsu, Y.J. 1892
Hwang, H.L. *see* Wang, K.C. 34721
Hwang, J., El Gamal, A. Optimal replication for min-cut partitioning 26611
Hwang, J., Ooi, Y., Ozawa, S. An adaptive sensing system with tracking and zooming a moving object 6441
Hwang, J. *see* Cheng, Y.T. 19410
Hwang, J. *see* Chung, C.K. 33617
Hwang, J. *see* Huang, J.T. 19574
Hwang, J. *see* Lee, S.L. 19329
Hwang, J. *see* Lin, B.S.M. 23640
Hwang, J. *see* Wang, L.P. 19421
Hwang, J.-N., Li, H. Interactive query learning for isolated speech recognition 4485
Hwang, J.-N., Lippman, A., Chen, E.T.-Y. Gibbs sampling via neural network probability estimation 22290
Hwang, J.-N. *see* Davis, D.T. 24505
Hwang, J.-N. *see* Moon, S. 29527
Hwang, J.C., Schulze, K.P. Packaging trend for flat panel displays from TAB to COG 6709
Hwang, J.C.M. *see* Wei, C.J. 6763
Hwang, J.C.M. *see* Wei, C.J. 38657
Hwang, J.J., Lee, M.H., Rao, K.R. Transmission noise eliminations in BDPCM image 4937
Hwang, J.R., Park, J.S., Jun, M.C., Jang, J., Han, M.K. Extraction of altered localized-states in a-Si and poly-Si TFT's under various conditions 28150
Hwang, J.R. *see* Chung, I.J. 11226
Hwang, J.R. *see* Oh, C.H. 11228
Hwang, J.S. Can we have lead free solders? I 33351
Hwang, J.S., Guo, Z. Lead-free solders for electronic packaging and assembly 40919
Hwang, J.S., Guo, Z., Lucey, G. Strengthened solder materials for electronic packaging 33755
Hwang, K. *see* Dabral, S. 294
Hwang, K.C. *see* Ballingall, J.M. 33604
Hwang, K.C. *see* Gupta, S. 38488
Hwang, K.C. *see* Ho, P. 11242
Hwang, M.-S., Yang, W.-P., Chang, C.-C. Modified Chang-Hwang-Wu access control scheme 12909
Hwang, M.Y. *see* Huang, X.D. 4531
Hwang, R. *see* Conway, A.E. 45345
Hwang, R. *see* Zhao, J.H. 11250
Hwang, R.Q. *see* Kubiak, G.D. 27827
Hwang, R.Y. *see* Lin, J.-F. 43951
Hwang, S. Simulation of advance ignition system for a four stroke and single cylinder engine using photo sensor and 8751 H microcontroller 25910
Hwang, S., Mostafa, D.G.M. Flexible inspection system for a PC board assembly line 10582
Hwang, S., Rajsuman, R., Davidson, S. I_{DDQ} detection of CMOS bridging faults by stuck-at fault tests 41824
Hwang, S.-D., Kher, S.S., Spencer, J.T., Dowben, P.A. Laser-induced selective copper deposition on polyimides and semiconductors 42784
Hwang, S.-M., Willner, A.E. Guidelines for optimizing system performance for 20 WDM channels propagating through a cascade of EDFA's 37982
Hwang, S.-M. *see* Willner, A.E. 14643
Hwang, S.C., Lee, C.S., Park, W.K., Koo, J.Y. The application of 154 kV transition joint in Korea 7977
Hwang, S.H. *see* Lee, S.S. 1200
Hwang, S.J. *see* Suh, K.S. 35168
Hwang, T. Scheme for secure digital mobile communications based on symmetric key cryptography 5820
Hwang, T. Scheme for secure digital mobile communications based on symmetric key cryptography 30640
Hwang, T., Chen, J.L. Identity-based conference key broadcast systems 37608
Hwang, T., Parsons, I.D. Parallel implementation and performance of multigrid algorithms for solving eigenvalue problems 41184
Hwang, W. *see* Lai, F.S. 18673
Hwang, W.S. *see* Chiu, C.H. 46927
Hwang, Y., Zhang, D., Zhang, T., Mytych, M., Kolbas, R.M. Laser quality AlGaAs-GaAs quantum wells grown on low temperature GaAs 3643
Hwang, Y. *see* Sharma, A.K. 1649
Hwang, Y. *see* Yin, L.-W. 35017
Hwang, Y.-S. *see* Liu, S.-I. 10355
Hwang, Y.-S. *see* Liu, S.-J. 42040
Hwang, Y.M. *see* Choi, B.S. 23346
Hwang Chia-Lin *see* Chia-Lin Hwang
Hwang Chyi *see* Chyi Hwang
Hwang Dong Hwan *see* Dong Hwan Hwang
Hwang Hee-Yeung *see* Hee-Yeung Hwang
Hwang Ho Jung *see* Ho Jung Hwang
Hwang Huey-Liang *see* Huey-Liang Hwang
Hwang Humor *see* Humor Hwang
Hwang Hyunsang *see* Hyunsang Hwang
Hwang In-Kwan *see* In-Kwan Hwang
Hwang Jee Won *see* Jee Won Hwang
Hwang Jing-Jang *see* Jing-Jang Hwang
Hwang Jiunn-Shyong *see* Jiunn-Shyong Hwang
Hwang Lee Jae *see* Jae Hwang Lee
Hwang Mei-Yuh *see* Mei-Yuh Hwang
Hwang Ming *see* Ming Hwang
Hwang Myung Hak *see* Myung Hak Hwang
Hwang Rong Li *see* Rong Li Hwang
Hwang Seok-Hee *see* Seok-Hee Hwang
Hwang Seong-don *see* Seong-don Hwang
Hwang Seong-Kyu *see* Seong-Kyu Hwang
Hwang Seuk-Yong *see* Seuk-Yong Hwang
Hwang Seung Ho *see* Seung Ho Hwang
Hwang Shug-June *see* Shug-June Hwang
Hwang Soon-Chui *see* Soon-Chui Hwang
Hwang Sun Young *see* Sun Young Hwang
Hwang Ting-Ting *see* Ting-Ting Hwang
Hwang Tzonelih *see* Tzonelih Hwang
Hwang Wen-Yen *see* Wen-Yen Hwang
Hwang Yatsun *see* Yatsun Hwang
Hwegi, Y.S. *see* Cowan, C.F.N. 5738
Hwei-Yuan Liu *see* Pei-Kuen Wei 43459
Hwu, R.J., Djuandi, A., Lee, S.C. Negative differential resistance (NDR) frequency conversion with gain 1569
Hwu, S.U., Fournet, J.S., Panneton, R.J., Arndt, G.D. Space Station Freedom (SSF) antenna pattern predictions using geometrical theory of diffraction 44580
Hyatt, H.M. The resistive phase of an air discharge and the formation of fast risetime ESD pulses 28301
Hyatt, S.O., Chao, B.S., Yamauchi, H. Metallurgical modes of failure in the Si/TiN/Al metallization structure 10974
Hyben, P., Ceskovic, R., Keszegh, L., Veselovsky, I., Kabos, P. Propagation of electromagnetic waves in below cut-off waveguide with ferrimagnetic slab 1388
Hybre, J. *see* Pautet, M.B. 14453
Hyeog-In Kwon *see* Tubtiang, A. 14050
Hyeok Lee Jae *see* Jae Hyeok Lee
Hyeon Soo Kim, Yong Hee Lee, Sang Soo Lee Grain size control of Bi-substituted garnet films crystallized by multi-step rapid thermal annealing for magneto-optical disks 20137
Hyeong Joon Kim *see* Jeong Soo Byun 18149
Hyeong Joon Kim *see* Yong Eui Lee 33731
Hyeong Park Seop *see* Seop Hyeong Park
Hyeong-Kyo Kim A design synthesis system for DSP algorithms based on an optimal multiprocessor scheduler 42065
Hyeong-Soo Kim *see* Tai-Kyung Won 11092
Hyeongdong Kim *see* Hao Ling 36322
Hyeongyu Kim, Seyoung Im Analysis of beam landing shifts due to thermal deformations of a shadow mask 34486
Hyeung Kong Jin *see* Jin Hyeung Kong
Hyland, J.C., Taylor, F.J. Mine avoidance techniques for underwater vehicles 7674
Hyland, M. *see* Kavcar, N. 27506
Hylton, T.L. *see* Parker, M.A. 33667
Hyman, H. *see* Drutman, C. 29193
Hyman, S.A., King, P.H., Jian Xu Automated evoked potential monitoring 7436
Hymes, L., Pitsch, T. Successful implementation of a clean/no clean strategy for reflow, wave and hand soldering 34428
Hymes, L. *see* Barthel, B. 34435
Hymes, S. *see* Ding, P.J. 34841
Hymowitz, C.E. Models extend SPICE simulation to gigahertz frequencies 19018
Hymowitz, C.E. *see* Meares, L.G. 27327
Hynes, S. *see* Caffrey, R.T. 32032
Hynes, S.J. *see* Hilsenrath, E. 24486
Hyo Joon Eom *see* Yamaguchi, Y. 38164
Hyo-Joong Kim *see* Yong-Ho Oh 2278
Hyo-sung Kim, Jae-ho Choi Input filter design for thyristor converter with LCL' configuration 17090
Hyo-Sung Kim, Tae-Woong Kim, Jae-Ho Choi Input filter design for current source PWM GTO converter 17089
Hyo-Sung Kim *see* Tae-Woong Kim 8623
Hyo-Tae Kim High-frequency analysis of EM scattering from a conducting sphere coated with a composite material 36157
Hyodo, M. *see* Saito, Y. 3186
Hyodo, T. *see* Shimizu, Y. 48078
Hyogo, A. Electronic circuit simulator 'SPICE' 18415
Hyogo, A. *see* Igarashi, Y. 26734
Hyong Shik Kim *see* Sung Tae Jung 26775
Hyoun Soo Kim, Sinha, S., Ramaswamy, R.V. An MQW-SQW tapered waveguide transition 20372
Hyoung Chan Ha, Shang Kyoo Lee, Chul Gi Ko Hydrogenation effects on the poly-Si TFT 2516
Hyoung Rae Cho, Yong Sun Oh, Chang Eon Kang Bit error rate in FH/BFSK system under jamming environments 37706
Hyre, M. *see* Marston, C.H. 32750
Hyuek-Jae Lee, Soo-Young Lee, Sang-Yung Shin Random interconnections with ground glass for optical TAG neural networks 11791
Hyuek-Jae Lee *see* Seong-Won Yuk 11770
Hyuga, F., Aoki, T., Sugitani, S., Asai, K., Imamura, Y. GaAs surface passivation by InGaP thin film 2140
Hyuga, R. *see* Nomoto, T. 31319
Hyuk Chung Woon *see* Woon Hyuk Chung
Hyun Bang Kwang *see* Kwang Hyun Bang
Hyun Chil Choi, Gun Woo Moon, Myung Joong Youn Small signal modelling for the PWM series resonant converter 9944
Hyun Chil Choi, Jae Won Han, Myung Joong Youn Soft-switched, high frequency resonant AC-to-DC rectifier with high power factor 18460
Hyun Chul Shin *see* Chung Hee Kim 984
Hyun Dong-Seok *see* Dong-Seok Hyun
Hyun Gook Kang, Poong Hyun Seong Application of smart transmitter technology in nuclear engineering measurements 47631
Hyun Kim Jae *see* Jae Hyun Kim
Hyun Kim Jeong *see* Jeong Hyun Kim
Hyun Lee Jong *see* Jong Hyun Lee
Hyun Mo Cho *see* Yun Woo Lee 12311
Hyun Seong Poong *see* Poong Hyun Seong
Hyun Shik Yoon, Won Kyung Cho An implementation of digital neural network using systolic array processor 1373
Hyun-Koock Shin *see* Jain, A. 19653
Hyun-Ryong Cho, Kye-Ik Jeon, Song-Cheol Hong, Young-Se Kwon A new GaAs field effect transistor (FET) with DIpole barrier (DIB) 43008
Hyunchul Shin, Chunghee Kim A simple yet effective technique for partitioning 33839
Hyunchul Shin, Wonjong Kim, Joohack Lee, Jongbae Lee, Moonhyun Yoo A hierarchical regular-layout compactor using simplified layout models 41571
Hyung Ho Park *see* Hwan Seong Moon 33734
Hyung Ho Park *see* Kwang Ho Kwon 2105
Hyung Joun Yoo, Yong-Ho Oh, Byung-Sun Park, Sang Soo Choi, Young Jin Jeon, Choochon Lee, Sin-Chong Park Lithographic performance enhancement using dummy diffraction mask 27853
Hyung Joun Yoo *see* Yong-Ho Oh 2278
Hyung Keun Ryu, Jae Hyeok Lee, Dong Hwan Hwang, Zeungnam Bien A study on the automatic start-up of a drum-type boiler using fuzzy logic 8155
Hyung Kim Jin *see* Jin Hyung Kim
Hyung Moo Park *see* Kwang-Ryong Oh 35500
Hyung Myung Kim *see* Jinho Choi 29586
Hyung Myung Kim *see* Jinho Choi 29587
Hyung Suh Ho *see* Ho Hyung Suh
Hyung Wook Jeon *see* Dong Hwan Son 3873
Hyung-Tae Chung *see* Kyung-Woo Yi 649
Hyung-Wook Jeon *see* Jung-Young Son 21053

Hyungcheol Shin, Jha, N., Xue-Yu Qian, Hills, G.W., Chenming Hu Plasma etching charge-up damage to thin oxides 2107
Hyungsoon Shin *see* Jung-Suk Goo 42923
Hyunsang Hwang *see* Jung-Suk Goo 42923
Hyunsoo Yoon *see* In Yong Park 45334
Hyup Kim Jae *see* Jae Hyup Kim
Hyvarinen, V., Makinen, J.P. High technology in drive techniques. Digital drive technique with three-phase variable-speed motors 8873
Hyyppa, K. Design considerations in a laser navigation system for mobile robots 44178

i Cabarrocas, P.Roca *see* Roca i Cabarrocas, P.
i Cabarrocas Roca *see* Roca i Cabarrocas
I Chih-Lin *see* Chih-Lin I
I. Kang Kyung *see* Kyung I. Kang
I. Kim Tae *see* Tae I. Kim
I Nan Lin *see* Jang-Cheng Ho 33683
i Yague, R.de Porrata-Doria *see* de Porrata-Doria i Yague, R.
I-Fan Wu, Dottellis, J.B., Dagenais, M. Real-time in situ ellipsometric control of antireflection coatings for semiconductor laser amplifiers using SiO_x 3298
I-Nan Lin *see* Hsiu-Fung Cheng 18285
I-Peng Chiou *see* Yang, C.C. 3772
I-Ping Huang, Hsueh-Jyh Li High range resolution of echo returns from adjacent point targets 23099
I-Wei Wu *see* Tsu-Jae King 28157
Iaconis, F. *see* D'Emilia, G. 46388
Iaconis, F.M. A constant temperature thermocouple anemometer for very low water velocities 15251
Iacopini, E. *see* Autiero, D. 15629
Iacopini, E. *see* Autiero, D. 15630
Iacoponi, J., Bhat, I.B., Johs, B., Woollam, J.A. In-situ spectroscopic ellipsometry applied to ZnSe and ZnCdSe growth process in organometallic vapor phase epitaxy 752
Iacoponi, J. *see* Ramaswami, S. 2246
Iacovacci, M. *see* Abbrescia, M. 7270
Iacovangelo, C.D., Jerabek, E.C. Metallizing CVD diamond for electronic applications 19644
Iacovo, R.Drogo de *see* Drogo de Iacovo, R.
Iafelice, V. *see* Jianping Xi 33058
Iai, S., Tachi, T., Kitawaki, N. Psychological analysis of high quality in HDTV pictures 14798
Iai, S. *see* Kurita, T. 14079
Iai, S. *see* Tachi, T. 23313
Ianakiev, K.D. *see* Halbig, J.K. 38913
Ianculescu, G.D. *see* Klop, J.J. 24436
Ianigro, M. *see* Stella, E. 13384
Iannacone, J. PTFE construction improves RF grounding 1700
Iannelli, J. *see* Kitching, J. 43841
Iannelli, J.M., Schrans, T., Chen, T.R., Zhuang, Y.H., Yariv, A. Effects of nonuniform current injection on the spectral dynamics of multisection distributed feedback lasers 3625
Ianniello, J.W., Kruczek, R.M. Airport surface collision warning system implementation 39333
Ianniello, J.W. *see* Watnick, M. 39325
Ianno, N.J. *see* Dongjin Byun 41466
Ianno, N.J. *see* Nafis, S. 10896
Ianno, N.J. *see* Nagis, S. 10961
Ianno, N.J. *see* Synowicki, R.A. 18373
Iannone, E., Locati, F.S., Matera, F., Romagnoli, M., Settembre, M. High-speed DPSK coherent systems in the presence of chromatic dispersion and Kerr effect 23029
Iannone, E., Matera, F., Galtarossa, A., Gianello, G., Schiano, M. Effect of polarization dispersion on the performance of IM-DD communication systems 37987
Iannone, E. *see* Betti, S. 5941
Iannone, E. *see* Betti, S. 37511
Iannone, E. *see* Betti, S. 44654
Iannone, E. *see* Betti, S. 46020
Iannucci, P. *see* Del Re, E. 14546
Iannucci, P. *see* Del Re, E. 22863
Iannucci, P. *see* Del Re, E. 37159
Iannuzzi, M.P. *see* Reynolds, C.L., Jr. 19416
Ianoz, M. *see* Arreghini, F. 44435
Ianoz, M. *see* Baum, C.E. 44428
Iansiti, M. *see* Barkan, P. 230
Iaselli, G. *see* Abbrescia, M. 7270
Iatrou, S. *see* Mil'shtein, S. 17400
Iazzi, F. *see* Antonelli, A. 24054
Iazzi, N. *see* Bacchetta, M. 19662
Iba, K. Reactive power planning in large power systems using genetic algorithm 24858
Iba, K. Optimal VAr allocation by genetic algorithm 24861
Ibanez, A. *see* Barrios, L.J. 14936
Ibanez, A. *see* Philippot, E. 18192
Ibanez, M. *see* Regano, M. 47639
Ibanez, P. *see* Martin, J.L. 30139
Ibara, Y. *see* Inoue, Y. 42779
Ibaraki, H. *see* Matsui, H. 30561
Ibaraki, N. Future a-Si TFT fabrication technologies for large-size and high pixel density AM LCDs 6700
Ibarra, A. *see* Molla, J. 15166
Ibbetson, J. *see* Mirin, R. 18161
Ibbetson, J. *see* Yin, L.-W. 2548
Ibbetson, J.P., Yin, L.-W., Hashemi, M., Gossard, A.C., Mishra, U.K. Study of transport through low-temperature GaAs surface insulator layers 2438
Ibbetson, J.P. *see* Yin, L.-W. 35017
Ibbetson, L.J., Lopes, L.B. Performance comparison of alternative diversity schemes using a GSM radio link simulation 22876
Ibbotson, D.E. *see* Johnson, A.D. 41445
Ibbotson, D.E. *see* Joshi, A.M. 11094
Ibbotson, M. *see* Cronstrom, H. 31804
Ibe, H. *see* Nakao, M. 38101
Ibe, I. *see* Saitoh, Y. 12855
Ibe, O.C., Keilson, J. Overload control in finite-buffer multiclass message systems 30203
Ibi, Y. *see* Fukushima, S. 39592
Ibok, E., Garg, S. A characterization of the effect of deposition temperature on polysilicon properties. Morphology, dopability, etchability, and polycide properties 9703
Ibragimov, V.A., Mosenkova, M.N., Mostinsky, I.L. Waste-free method for regeneration of ionized potassium seed in the coal-fired MHD power plants 25350
Ibragimov, Z.A. *see* Dahinten, T. 3870
Ibrahim, F., Wilson, J.I.B., John, P. Photo-oxidation of a-Si:C:H films 27765
Ibrahim, H., Ronarc'h, D., Guibert, M., Poignant, H., Allain, J.Y. Erbium-praseodymium co-doped 2.7 μm fluoride amplifier 3533
Ibrahim, H., Ronarc'h, D., Guibert, M., Poignant, H., Rivoallan, L., Bayon, J.F. Efficient Er^{3+}-doped fluorozirconate fibre amplifier 3547
Ibrahim, M. *see* Alaettinoglu, C. 45615
Ibrahim, M.A., Stacom, F.P. Phase angle regulating transformer protection 47935
Ibrahim, M.A. *see* Rashed, R.A. 25152
Ibrahim, M.I. *see* Eastham, J.F. 47862
Ibrahim, M.K. Radix-2^n multiplier structures: a structured design methodology 10070
Ibrahim, M.K. *see* Aggoun, A. 4995
Ibrahim, M.K. *see* Aggoun, A. 13529
Ibrahim, M.K. *see* Aggoun, A. 18592
Ibrahim, M.K. *see* Aggoun, A. 22281
Ibrahim, M.K. *see* Bashagha, A.E. 26809
Ibrahim, M.K. *see* Daemi, M.F. 22094
Ibrahim, M.K. *see* Keissarian, F. 4922
Ibrahim, M.K. *see* Khalab, J.M. 14550
Ibrahim, M.K. *see* Sardana, H.K. 4914
Ibrahim, M.K. *see* Sardana, H.K. 45095
Ibrahim, M.S. *see* Amrani, M.E.H. 15112
Ibuki, K. Trend of research works for gas insulated switchgear 17108
Ibuki, K. *see* Nagamura, T. 6581
Ibuki, S. *see* Fukumoto, S. 17591
Ichiang Lin *see* Du, D.H.C. 19972
Ichiguchi, T. *see* Matsuoka, H. 2549
Ichiguchi, T. *see* Matsuoka, H. 28130
Ichihara, H. *see* Yamaguchi, H. 37552
Ichihara, M. *see* Kumano, T. 2868
Ichihara, T., Nambu, K., Motomura, N. High spatial resolution reconstruction technique for SPECT using a fan-beam collimator 15750
Ichihashi, T. *see* Tanigaki, K. 9528
Ichihashi, Y., Yanai, D., Hayashi, Y. Four-channel FDM 300 km repeaterless transmission using 2.5 Gb/s CPFSK/heterodyne detection system 38112
Ichijo, B. *see* Masuda, Y. 46692
Ichijo, T., Shikakura, T. Exterior lighting design methodology supported by computer 40645
Ichikawa, A. *see* Ino, K. 42691
Ichikawa, A. *see* Takeda, S. 44777
Ichikawa, F., Fukami, T., Aomine, T. Current-voltage characteristics of a triangular loop containing three SNS bridges 35276
Ichikawa, F., Suzuki, K., Nakajima, T., Irokawa, S., Kitahara, T. Development of self-commutated SVC for power system 16160
Ichikawa, F. *see* Tokiwa, Y. 7827
Ichikawa, F. *see* Tokiwa, Y. 39576
Ichikawa, H., Ogasawara, M. A centralized control microcell radio system with spectrum delivery switches 14510
Ichikawa, H. *see* Ohmoto, R. 5771
Ichikawa, H. *see* Yokoyama, S. 41434
Ichikawa, K., Takada, J., Ando, M., Goto, N. A radial line slot antenna without a slow wave structure 29349
Ichikawa, K. *see* Ide, T. 19186
Ichikawa, M. *see* Furuhashi, H. 11925
Ichikawa, S., Miyadera, H., Nanba, M. New technologies for separation, fixation and conversion of carbon dioxide to mitigate global warming 47747
Ichikawa, S. *see* Osa, A. 7151
Ichikawa, T. *see* Inoue, T. 39550
Ichikawa, Y., Ito, K., Sakaiya, T., Nishioka, M., Kimura, S. An investigation on the wind energy and wind behaviour around a windturbine site at a col in mountains 25333
Ichikawa, Y. *see* Sichanugrist, P. 26515
Ichikawa, Y. *see* Yokoyama, S. 41434
Ichiki, H. *see* Masumoto, D. 18933
Ichiki, M., Matsumoto, N. The state of DENOX SCR technologies by Hitachi Zosen 8223
Ichim, I., Molnar, I. A Bairstow's type method for trigonometric polynomials 41123
Ichimiya, A., Nakahara, H., Hashizume, T., Sakurai, T. Structural analysis of Si(111) surfaces during homoepitaxial growth 33612
Ichimiya, K. *see* Iwamoto, S. 13951
Ichimura, I., Sabi, Y., Takeshita, Y., Fukumoto, A., Kaneko, M., Owa, H. High density magneto-optical recording with a second-harmonic generation green laser 20423
Ichimura, K. *see* Ohe, Y. 2926
Ichimura, K. *see* Ohe, Y. 3898
Ichimura, K. *see* Yoneda, M. 3354
Ichimura, M., Nakatani, S., Usami, A., Wada, T. Liquid-phase epitaxy of highly-lattice-mismatched $In_xGa_{1-x}As$ layers on (001)GaAs substrates 33638
Ichimura, M. *see* Shiraki, H. 34731
Ichimura, S., Matsushita, Y. A procedure-forwarding mechanism for supporting group work 14088
Ichimura, S. *see* Kokubun, K. 6848
Ichimura, S. *see* Wada, T. 27537
Ichino, H., Togashi, M., Ishihara, N. Trends of ultra-high speed ICs for optical fiber transmission systems 38037
Ichino, H. *see* Ishii, K. 10137
Ichino, M. *see* Yaguchi, H. 23371
Ichinobe, H. *see* Tsuji, T. 15870
Ichinose, H. *see* Koshiba, S. 41349
Ichinose, M., Ishida, T., Takagi, Y., Ito, M., Ohara, S., Satoh, I., Okazaki, Y., Imanaka, R. A high-density phase-change optical disk system possessing read-write compatibility with 90 mm magneto-optical disks 20267
Ichinose, M., Tokunaga, H. A study on customer complaint handling system 45663
Ichinose, M. *see* Masui, N. 14016
Ichinose, S. *see* Nakazawa, K. 15139
Ichinose, T. *see* Narumi, K. 20601
Ichioka, T. *see* Yamada, T. 16868
Ichioka, U. *see* Konishi, T. 35538
Ichioka, Y. *see* Inoue, T. 13533
Ichioka, Y. *see* Miyazaki, D. 20468
Ichioka, Y. *see* Tanida, J. 11759
Ichioka, Y. *see* Taniguchi, M. 4947
Ichioka, Y. *see* Taniguchi, M. 20467
Ichiriki, H. *see* Shioya, Y. 31484
Ichitsubo, S., Fujii, T. Prediction of mobile radio delay spread from frequency correlations 14461
Ichiyanagi, K., Kobayashi, H., Matsumura, T., Kito, Y. Application of artificial neural network to forecasting methods of time variation of the flow rate into a dam for a hydro-power plant 16709
Ichiyanagi, N. *see* Tanaka, H. 47512
Ichiyanagi, T., Naka, H., Nagaike, M., Nomura, T., Ariyoshi, H. Integrated CAE systems in design of audio/video equipments 31068
Ick Don Lee, Stern, H.P. Direct sequence CDMA design for mobile cellular systems 45856
Ick Ho Whang, Jang Gyu Lee, Tae Kyung Sung Modified input estimation technique using pseudoresiduals 36647
Ick Ho Whang, Jang Gyu Lee, Tae Kyung Sung A modified input estimation technique using pseudoresiduals 44870
Ick Jang Won *see* Won Ick Jang
Ida, I., Takada, J., Ito, K. Surface-patch modelling of a Wheeler cap for radiation efficiency simulation of a small loop antenna with NEC2 36388
Ida, J. *see* Ohtomo, A. 42914
Ida, M., Katai, O. Discrimination methods of efficient solutions for multiobjective linear programming problems with interval coefficients 9436
Ida, M., Takahashi, M., Ohishi, M., Mandai, S., Ukikusa, H., Kohno, Y. Development of compact synchrotron light source for X-ray lithography 7122
Ida, N. Autonomous guided vehicle system using laser navigation method 3949
Ida, S., Kuramochi, A., Watanabe, H., Koyama, M., Goto, K. Evaluation of the SO_2 and NO_2 mixed gas tests for electronic parts 33343
Ida, T. *see* Awaji, N. 15371
Ide, A. *see* Ookuma, S. 18732
Ide, H., Toda, T., Kirino, F., Maeda, T., Kugiya, F., Mita, S., Shigematsu, K. Precise mark shape control in mark length recording on magnetooptical disk 20425
Ide, H. *see* Maeda, T. 20424
Ide, J.P. *see* Bannister, D.J. 23857
Ide, K., Takahashi, M., Ito, M., Tsuji, E., Yasaka, Y., Fujimoto, T. Analysis of terminal voltage waveform of AC exciting synchronous generators 8313
Ide, S. *see* Sugimoto, S. 7230
Ide, T., Morimoto, M., Kaito, A., Ichikawa, K., Koiwa, K. Miniature twin relay for automotive applications 19186
Ide, T., Okada, M. Jitter improvement in mark edge recording for phase change optical disks with optical phase encoding 43379
Ide, T. *see* Hirayama, H. 26411
Ide, T. *see* Ohkubo, S. 20255
Ide, Y. *see* Iwasaki, H. 20258
Ide, Y. *see* Kohmoto, S. 19587

Ide, Y. *see* Tone, K. 19586
Ideguchi, T., Hattori, M., Ootsuki, F. A method to estimate normal mode noise voltage induced on indoor telecommunication lines due to adjacent AC supply lines 14371
Ideguchi, T. *see* Koui, Y. 22638
Idehara, T. *see* Hong, K.D. 10624
Idei, Y. *see* Ohhata, K. 10171
Idei, Y. *see* Ohhata, K. 18731
Ideker, R.E. *see* Bayly, P.V. 24288
Ideker, R.E. *see* Rollins, D.L. 38948
Iden, H.-J. *see* Otterstedt, J. 41995
Ider, Y.Z. *see* Saki, M.C. 15878
Ideshita, S., Furukawa, A., Mochizuki, Y., Mizuta, M. Electron accumulation in AlGaSb/InAs QW system—evidence for coexistence of deep acceptor and donor 1923
Idier, J., Goussard, Y. Markov modeling for Bayesian restoration of two-dimensional layered structures 21471
Idiondo, R., Angulo, J.M. The ST6 family of microcontrollers and its use in the design of simple devices 18805
Idir, K., Dawson, G.E., Eastham, A.R. Modeling and performance of linear induction motor with saturable primary 47901
Idler, W. *see* Baums, D. 3842
Idler, W. *see* Dutting, K. 11894
Idler, W. *see* Hildebrand, O. 45948
Idler, W. *see* Hofmann, M. 28866
Idler, W. *see* Lach, E. 28877
Idler, W. *see* Schilling, M. 12171
Idler, W. *see* Wunstel, K. 30577
Ido, H., Danjo, M., Sasaki, T. On the construction of a graph with the maximum number of trees 505
Ido, S., Hasebe, H., Fujita, Y. Simulations of electron orbits in a bucket-type ion source 15574
Ido, T. *see* Aoki, M. 11885
Ido, T. *see* Hanatani, S. 28654
Ido, T. *see* Moss, D.J. 43513
Idris, F., Panchanathan, S. Image sequence coding using frame adaptive vector quantization 30079
Idriss, S.F. *see* Bayly, P.V. 24288
Idrus, R. Collaborative learning through teletutorials 14293
Ieda, M. *see* Mizutani, T. 35163
Iehl, J.L. *see* Brugel, N. 3789
Iehl, J.L. *see* Gouaichault-Brugel, N. 35988
Iehl, J.L. *see* Nardo, L. 3263
Ienaka, M. *see* Miyata, T. 10233
Ienaka, T. *see* Hashimoto, K.-Y. 14953
Ierapetritou, M.G., Pistikopoulos, E.N., Floudas, C.A. Operational planning under uncertainty 17782
Ierfino, N. Increasing linearity in amplifiers with IF predistortion 41681
Ieyasu, A. Gas flow simulation for gas circuit breaker accompanied with shock wave and prediction of uncertainty limit of supersonic region 17114
Ieyasu, A., Yumoto, M. Proposal of new electric-field coefficient at sharp tip of conducting particle mingled in GIS and prediction of flashover voltage 17113
Ifju, P. *see* Han, B. 6811
Iftekharuddin, K.M., Karim, M.A. Acquisition by staring focal plane arrays: pixel geometry effects 15077
Iftekharuddin, K.M., Karim, M.A. Butterfly interconnection network: design of multiplier, flip-flop, and shift register 43571
Ifukube, T. *see* Matsushima, J.I. 15890
Iga, K. Parallel photonic devices and concepts good for optical interconnects 35637
Iga, K. *see* Baba, T. 20855
Iga, K. *see* Kaneko, Y. 20762
Iga, K. *see* Miyamoto, T. 43873
Iga, K. *see* Uchida, T. 12190
Iga, K. *see* Uchida, T. 18226
Iga, M. *see* Sato, Y. 40680
Iga, R., Yamada, T., Sugiura, H. Lateral bandgap control of InGaAsP multiple quantum wells by laser-assisted metalorganic molecular beam epitaxy for a multiwavelength laser array 33620
Iga, R. *see* Mitsuhara, M. 41333
Iga, R. *see* Sugiura, H. 43872
Iga, T., Kato, N. Phase-locked loop frequency synthesizer ICs for mobile communications 37877
Igaki, M., Yokota, S., Kunii, M., Shimatsu, T., Takahashi, M. Study on magnetic anisotropy for Fe based particulate medium 43306
Igalson, J. *see* Colling, P. 20190
Igalson, J. *see* Frank, M. 24026
Igalson, J. *see* Nagel, U. 24049
Igalson, M. Photoconductivity of p-type $CuInSe_2$ 3312
Igarashi, H., Kakuda, Y., Kikuno, T. Synthesis of protocol specifications for design of responsive protocols 30244
Igarashi, H., Kawato, M. Edge restoration from feature points using a two-layer random field model 22037
Igarashi, H. *see* Itoh, T. 10532
Igarashi, K. *see* Koizumi, N. 8979
Igarashi, K. *see* Ukachi, T. 2977
Igarashi, K. *see* Umemoto, T. 23276
Igarashi, S. *see* Kawakami, T. 23842
Igarashi, T. *see* Komatsu, T. 45077
Igarashi, T. *see* Saito, T. 22284
Igarashi, T. *see* Tamba, N. 34046
Igarashi, Y., Hyogo, A., Sekine, K. Design of very low-distortion four-quadrant analog multiplier type CMOS-OTA considering variation of mobility according to the gate voltage 26734
Igarashi, Y., Yamanobe, T., Yamaji, T., Nishikawa, S., Ito, T. Thermal stability of interconnect of TiN/Cu/TiN multilayered structure 42760
Igarashi, Y. *see* Fukunaga, C. 46976
Igarashi, Y. *see* Tanaka, T. 38532
Igawa, A. *see* Lam, W. 19120
Igawa, H. *see* Yatsui, K. 20952
Igel, M., Schegner, P. Disturbance value detection and distance protection against short-circuit to earth 16450
Igielski, J. Determination of dynamic properties of electric micromachines 16908
Iglesia, R.Diaz de la *see* Diaz de la Iglesia, R.
Iglesias, A., Guerasimenko, I.V., Diaz, S., Gonzalez Arias, A. Non-stoichiometric LiZnTi ferrites for microwave applications 11472
Iglesias, F. *see* Lau, J.H.K. 32624
Iglesias, F.C. *see* Reid, P.J. 8088
Iglesias, R. *see* Tejedor, M. 6744
Iglhaut, B., Bach, W. Network feedback in practice 44470
Ignat, M. *see* Chouaf, A. 34808
Ignat, M. *see* Maniguet, L. 34809
Ignat, M. *see* Scafidi, P. 34817
Ignatenko, S.V., Mal'tsev, A.A., Silayev, A.M. An analysis of the independent formation of a reference oscillation in adaptive antenna arrays of communication systems with phase-shift keyed signals 44611
Ignat'ev, A.S., Kamenev, A.V., Kopylov, V.B., Nemtsev, G.Z., Posvyanskii, D.V. Static current-voltage characteristics of resonant tunnel diodes based on GaAs/AlAs heterostructures 2425
Ignat'ev, I.G. Criteria of optimization of systems of gas-insulated electrodes 29111
Ignat'ev, S.A., Terent'ev, S.A., Yafarov, R.K. Low-energy etching of GaAs in a chlorine-bearing ECR UHF discharge 27669
Ignatiev, A. *see* Wu, N.J. 33747
Ignatkov, V.D. *see* Vainberg, V.V. 15233
Ignatuk, W. *see* Perry, M.D. 20743
Ignesti, A. *see* Andreuccetti, D. 15906
Igolka, L.P., Korennov, V.E., Smirnov, I.A. Major technical answers to the problems of transporting heat over long distances from out-of-town central power stations 8157
Igolka, L.P. *see* Korennov, B.E. 8156
Igolka, L.P. *see* Smirnov, I.A. 8158
Igoshin, V.I. *see* Azyazov, V.N. 35662
Iguchi, I. *see* Wang, Q. 2898
Iguchi, M. *see* Matsuno, T. 42105
Iguchi, N. *see* Kawanaka, M. 10823
Iguchi, N. *see* Kawanaka, M. 42206
Iguchi, N. *see* Nagai, K. 38362
Iguchi, T. *see* Harano, H. 47006
Iguchi, T. *see* Takahashi, H. 15675
Iguchi, Y., Mukaidono, M. Design and minimization of combinational circuits including specified static logic hazards 26845
Iguchi, Y. *see* Kasuya, Y. 17857
Ih, C.S., Tian, R.S., Zhou, H.X., Xia, X.Q. Dense all optical WDM-SCM technology for high speed computer interconnects 5672
Ihaddadene, A. *see* Quichaud, G. 16889
Ihara, F. *see* Ninomiya, T. 8640
Ihara, H. *see* Sasaki, M. 31293
Ihara, H. *see* Sasaki, M. 38563
Ihara, I., Koguchi, H., Aizawa, T., Kihara, J. Determination of ultrasonic attenuation in surface layer of materials by ultrasonic reflectivity measurement 9823
Ihara, S. *see* Morgan, L. 25045
Ihara, S. *see* Patil, M.B. 42980
Ihara, T. Research program on millimeter-wave premises communication systems 45630
Ihara, T. *see* Ohsaki, Y. 47273
Ihara, T. *see* Takimoto, Y. 5732
Ihfe, L.M. *see* Morrison, G.L. 46682
Ihfe, L.M. *see* Morrison, G.L. 46684
Ihlemann, J. *see* Wolff-Rottke, B. 21133
Ihm, G. *see* Kim, T.W. 42474
Ihmels, R., Arndt, F. Field theory CAD of L-shaped iris coupled mode launchers and dual-mode filters 1436
Ihmels, R., Papziner, U., Arndt, F. Field theory design of a corrugated septum OMT 1452
Ihmels, R. *see* Hauth, W. 27155
Ihninger, G. *see* Springholz, G. 10689
Ihori, H. *see* Uto, S. 15156
Ihtsuka, H. *see* Okamura, H. 30664
Il Mok Jin *see* Jin Il Mok
Il Park Se *see* Se Il Park
Iichko Song *see* Jae Cheol Son 13242
Iickho Song *see* Jae Cheol Son 21732
Iickho Song *see* Jinho Choi 29586
Iickho Song *see* Jinho Choi 29587
Iickho Song *see* Jinho Choi 45012
Iida, H. *see* Nishimura, K. 16491
Iida, H. *see* Ogihara, T. 21857
Iida, I., Chugo, A. Holonic routing scheme based on neural computation 22656
Iida, K. Inverse nth power detection law for Washburn's lateral range curve 21711
Iida, K. *see* Suzuki, T. 39495
Iida, M. *see* Asakura, H. 6092
Iida, M. *see* Iwasaki, T. 42555
Iida, M. *see* Kiyota, H. 1875
Iida, M. *see* Okano, K. 42651
Iida, S., Masukawa, S. Improved double connected inverter for reducing output voltage harmonics 16977
Iida, S., Okuma, Y., Masukawa, S. Magnetic noise caused by output waveform harmonics of voltage-source inverters 40299
Iida, S. *see* Handa, T. 296
Iida, S. *see* Morita, Y. 2097
Iida, T. Domestic standards in a changing world [telecommunications] 37265
Iida, T., Higuchi, T., Sasaki, H., Ogoshi, K., Yokozeki, S. High recording density optical disc mastering 20286
Iida, T., Inuzuka, E., Mizushima, Y. Superlinear emission of light-emitting diodes at very low current excitation 43664
Iida, T., Mizushima, Y. A new magnetoplasma amplification effect in the optical frequency range 35511
Iida, T. *see* Furuhashi, H. 12499
Iida, T. *see* Kawabata, S. 45902
Iida, T. *see* Nurishi, R. 46968
Iida, Y., Miyajima, T., Morita, M. Locking characteristics of intermodal injection locking for a semiconductor laser 3677
Iida, Y. *see* Kamei, H. 46311
Iida, Y. *see* Mizuta, H. 36749
III, C.H.Cox *see* Cox III, C.H.
Iijima, K. *see* Hayashi, S. 9661
Iijima, M. *see* Chikyow, T. 26422
Iijima, M. *see* Miyajima, T. 32826
Iijima, S. *see* Nomura, E. 40067
Iijima, T. Consideration on an origin of the natural observation theory in the case of standard form 17985
Iijima, T. Fundamental theory of natural observation transformation 17990
Iijima, T. On the theoretical induction of Poisson distribution 26287
Iijima, T. On the probability distribution concerning expansion or contraction of image size 29792
Iijima, T., Nakagawa, Y., Ito, H. Rotary ultrasonic motor using contour and flexural vibrations of rectangular thick plate 25485
Iijima, T., Suzuki, K., Matsuda, Y. Application of carbon fibers and pitch cokes for negative electrodes of lithium rechargeable batteries 48064
Iijima, T. *see* Wakabayashi, S. 33395
Iijima, Y. *see* Kojima, H. 14606
Iijima, Y. *see* Nakano, M. 8639
Iimura, Y. *see* Bao Xue Chen 11638
Iimura, Y. *see* Sugiyama, T. 20413
Iinatti, J., Leppanen, P. Performance of DS receiver code acquisition using matched filters and median filters in continuous tone jamming 37705
Iinuma, T., Itoh, N., Inou, K., Nakajima, H., Matsuda, S., Kunishima, I., Suguro, K., Katsumata, Y., Iwai, H. A self-aligned emitter base NiSi electrode technology for advanced high-speed bipolar LSIs 11297
Iinuma, T. *see* Inou, K. 11299
Iio, S. *see* Nakano, H. 36356
Iiyama, N. *see* Suzuki, T. 16679
Iizima, K. *see* Kugimiya, K. 11368
Iizima, T. *see* Ishiji, T. 38738
Iizuka, H., Suda, K., Inoue, Y., Hishinuma, C. Efforts to develop a next-generation Telecommunications Information Networking Architecture - outline of the TINA Consortium 37311
Iizuka, H. *see* Aritome, S. 41883
Iizuka, H. *see* Tanaka, K. 5854
Iizuka, K. *see* Freundorfer, A.P. 36199
Iizuka, K. *see* Iwasaki, T. 38161
Iizuka, K. *see* Wah, C.K.L. 11683
Iizuka, N. *see* Kuriyama, Y. 45914
Iizuka, N. *see* Nozu, T. 11155
Iizuka, N. *see* Sugiyama, T. 42195
Iizuka, T. *see* Ishikawa, K. 31000
Iizuka, T. *see* Mii, A. 48459
Iizuka, Y. *see* Horie, H. 30365
Iizuke, K. *see* Ohke, S. 12690
Iizumi, H. *see* Makikawa, M. 38409
Ijeh, O. *see* Akpaida, V.O. 39465
Iji, M., Yokoyama, S., Nakahara, Y. Development of recycling technology of plastics wastes for electronic components 17826
Ijichi, T., Ohkubo, M., Iketani, A., Kikuta, T. High-power 0.98-μm strained-layer quantum-well lasers with InGaP cladding 28857
Ijichi, T. *see* Ohkubo, M. 12185
Ijntema, D.J. *see* Tilmans, H.A.C. 38483
Ijuin, H. *see* Asahi, H. 33599
Ik Soo Chang *see* Young Chul Yoon 1644
Ikagami, N. *see* Miyakawa, Y. 10960
Ikalainen, P.K., Witkowski, L.C., Varian, K.R. Low-noise, low DC power linear amplifiers 1527
Ikami, K. *see* Suzuki, T. 39495
Ikarashi, N. *see* Tanaka, M. 26431
Ikarashi, T. *see* Aoyama, T. 42403
Ikata, O., Miyashita, T., Matsuda, T., Nishihara, T., Satoh, Y. Development of low-loss band-

pass filters using SAW resonators for portable telephones 2765
Ikata, O. *see* Satoh, Y. 35202
Ikawa, A., Shinoda, T., Kanekawa, A., Hoshino, A. Total information system in incineration plant 45543
Ikawa, E. *see* Oguchi, K. 47959
Ikawa, E. *see* Tokashiki, K. 27902
Ikawa, E. *see* Uchida, T. 27791
Ikawa, Y. *see* Takizawa, T. 20273
Ikeba, K. *see* Sato, M. 21435
Ikebata, S. *see* Sasakawa, K. 22153
Ikebe, M. *see* Fujishiro, H. 16381
Ikebe, M. *see* Sasnoka, T. 35293
Ikebe, Y., Matsui, T., Tamura, A. Adjacency of the best and second best valued solutions in combinatorial optimization problems 18049
Ikebe, Y. *see* Nurishi, R. 46968
Ikeda, A. *see* Hirotsuji, J. 9064
Ikeda, A. *see* Yamamoto, F. 16575
Ikeda, C. *see* Suzuki, H. 22637
Ikeda, H., Abd Rabou, N., Yoshida, H., Shinohara, S. Enhanced optical IF signal transmission for DBS receiver 14615
Ikeda, H., Abe, M., Asano, Y., Mitsuhashi, K., Mori, S. Front end hybrid circuit for 9 m drift tube 24089
Ikeda, H., Li, J., Morita, K., Ikeda, K., Tsuchiya, E., Yoshida, H. Optical-fiber multi-channel audio and video signal transmission system for use in clinical applications 23024
Ikeda, H., Suyama, T., Suzuki, T., Yamamoto, T., Yoshida, H., Shinohara, S., Nakato, A. Online output power measurement of full-bridged MOSFET RF power inverter operating at short-wave frequency 8546
Ikeda, H. *see* Abe, M. 46257
Ikeda, H. *see* Fukunaga, C. 46852
Ikeda, H. *see* Fukunaga, C. 46976
Ikeda, H. *see* Ishizaki, T. 22864
Ikeda, H. *see* Li, J. 23052
Ikeda, H. *see* Matsubara, Y.-I. 14666
Ikeda, H. *see* Matsumoto, M. 29020
Ikeda, H. *see* Mizoguchi, H. 17111
Ikeda, H. *see* Okui, A. 8946
Ikeda, H. *see* Okui, A. 33118
Ikeda, H. *see* Rabou, N.A. 6190
Ikeda, H. *see* Rabou, N.A. 14604
Ikeda, H. *see* Saitoh, Y. 7254
Ikeda, H. *see* Saitoh, Y. 46854
Ikeda, H. *see* Sakurai, N. 16590
Ikeda, H. *see* Sanada, T. 6091
Ikeda, H. *see* Shinohara, S. 15263
Ikeda, H. *see* Suzuki, K. 25568
Ikeda, H. *see* Suzuki, T. 8521
Ikeda, H. *see* Suzuki, T. 16073
Ikeda, H. *see* Tanaka, M. 46975
Ikeda, H. *see* Tanaka, M. 46988
Ikeda, H. *see* Toda, H. 25569
Ikeda, H. *see* Tsukada, K. 24090
Ikeda, H. *see* Ujiie, N. 46978
Ikeda, H. *see* Ujiie, N. 46986
Ikeda, H. *see* Wu, Y. 5987
Ikeda, H. *see* Wu, Y. 38072
Ikeda, K., Tomita, Y. Synthesis of biquadratic filters from current conveyors 1307
Ikeda, K., Tomita, Y. A realization method of active band elimination filter using a three-port D-R mutator 1316
Ikeda, K., Tomita, Y. A realization of current-mode biquadratic filter using CCIIs with current followers 27049
Ikeda, K. *see* Arimoto, S. 20844
Ikeda, K. *see* Chen, L. 16258
Ikeda, K. *see* Chiba, A. 16874
Ikeda, K. *see* Chikada, N. 16309
Ikeda, K. *see* Fujimoto, S. 20266
Ikeda, K. *see* Hashimoto, O. 44585
Ikeda, K. *see* Hisanaga, K. 14346
Ikeda, K. *see* Ikeda, H. 23024
Ikeda, K. *see* Kikkawa, H. 14347
Ikeda, K. *see* Nakanisi, K. 8689
Ikeda, K. *see* Nomura, S. 16850
Ikeda, K. *see* Okuno, A. 383
Ikeda, K. *see* Shima, A. 3635
Ikeda, K. *see* Takahashi, T. 16811
Ikeda, K. *see* Tomita, Y. 1317
Ikeda, K. *see* Tomita, Y. 42032
Ikeda, M., Asada, K. A proposal of high speed and low power data transmission method for VLSIs by reduced-swing signal 18612
Ikeda, M., Hashimoto, H., Harashima, F. Robust control of linear DC motor using DSP 17141
Ikeda, M., Oku, S., Shibata, Y., Suzuki, T., Okayasu, M. Loss-less 4×4 monolithic LD optical matrix switches 5677
Ikeda, M. *see* Akahori, Y. 35625
Ikeda, M. *see* Akahori, Y. 35640
Ikeda, M. *see* Akahori, Y. 37979
Ikeda, M. *see* Arimoto, S. 12177
Ikeda, M. *see* Asada, K. 18669
Ikeda, M. *see* Fukunaga, C. 46852
Ikeda, M. *see* Hatayama, K. 1155
Ikeda, M. *see* Hikone, K. 41749
Ikeda, M. *see* Itoh, H. 46487
Ikeda, M. *see* Itoh, S. 3664
Ikeda, M. *see* Miyazaki, T. 18417
Ikeda, M. *see* Nakayama, N. 20768
Ikeda, M. *see* Okuyama, H. 43839
Ikeda, M. *see* Saitoh, Y. 46854
Ikeda, M. *see* Shinoda, H. 15122
Ikeda, M. *see* Takeshita, T. 43906
Ikeda, M. *see* Tanaka, M. 46975
Ikeda, M. *see* Tanaka, M. 46988
Ikeda, M. *see* Tanizawa, M. 28132
Ikeda, N. *see* Hatakeyama, S. 34041
Ikeda, N. *see* Sekiguchi, T. 16461
Ikeda, N. *see* Shirakabe, Y. 23972
Ikeda, O. Optical array imaging system with improved focusing function 30138
Ikeda, R., Inoue, M. Method of getting high quality silicon epitaxial films 33655
Ikeda, S., Uchikawa, K., Hashiguchi, Y., Nagoshi, M., Kasamura, H., Shiozawa, K., Fujita, D., Yoshihara, K. Surface analytical study of cleaning effects and the progress of contamination on prototypes of the kilogram 6273
Ikeda, S., Yamamoto, T., Shioda, K., Takahashi, M., Ishimura, M., Dozono, Y., Itoh, S., Okamura, T., Harada, N. Preliminary study on next test facility for closed cycle MHD power generation (FUJI-2). II. Disk type generator 25354
Ikeda, S. *see* Harada, N. 25358
Ikeda, S. *see* Hashimoto, C.M. 19869
Ikeda, S. *see* Oguchi, K. 14842
Ikeda, S. *see* Okamura, T. 25355
Ikeda, S. *see* Yoshida, A. 41416
Ikeda, T., Dong, J., Arai, S., Hotta, M. Proposal of a GaInAs/GaInAsP/InP antiguided filter laser array operating in single longitudinal mode 20786
Ikeda, T. *see* Dong, J. 3674
Ikeda, T. *see* Harada, T. 38042
Ikeda, T. *see* Li, H.-B. 4377
Ikeda, T. *see* Ohhata, K. 10171
Ikeda, T. *see* Ohhata, K. 18731
Ikeda, T. *see* Tamba, N. 34046
Ikeda, Y., Sakai, R., Mizumura, S. The basic considerations on the configuration of linear motor systems with alignment of permanent magnet poles mounted on vehicles 48383
Ikeda, Y. *see* Takagi, T. 19141
Ikegaki, M. TFT color LCD meets needs for superior definition 23794
Ikegami, K., Mori, Y. High intensity pulsed heavy ion beam acceleration in the KEK 1.5 V tandem accelerator 15607
Ikegami, K. *see* Okamura, H. 31623
Ikegami, N., Miyakawa, Y., Hashimoto, J., Ozawa, N., Kanamori, J. Role of fluorine in reactive ion etching of silicon dioxide 27692
Ikegami, T., Arakaki, Y., Wakana, H., Suzuki, R. Measurement of multipath delay profile in land mobile satellite channels 37932
Ikegami, T., Kurosu, T., Ohshima, S., Nakadan, Y. Laser cooling and trapping experiments for cesium atoms in NRLM 6298
Ikegami, T., Taira, S., Arakaki, Y. Field tests of a spread spectrum land mobile satellite communication system 5789
Ikegami, T. *see* Adachi, S. 10885
Ikegami, Y. *see* Fukushima, T. 20797
Ikegami, Y. *see* Fukushima, T. 28860
Ikegami, Y. *see* Jitsuhara, S. 40056
Ikegami, Y. *see* Kasukawa, A. 35881
Ikegami, Y. *see* Kasukawa, A. 35896
Ikegami, Y. *see* Matsumoto, N. 35898
Ikehara, C., Cole, R.E., Merritt, J.O. The effects of perspective distortion in stereoscopic video displays 23817
Ikehara, C., Cole, R.E., Merritt, J.O. Visual-motor correspondence in stereoscopic video displays for teleoperated manipulator tasks 23820
Ikehara, M., Yamashita, A., Kuroda, H. Design of two-channel perfect reconstruction QMF 27068
Ikehara, M. *see* Kuroda, H. 13492
Ikejima, H. *see* Tsuchida, K. 40578
Ikejiri, M., Ogata, T., Ogawa, H., Nishio, M., Yoshida, A. Low temperature growth of ZnTe by synchrotron radiation using metalorganic sources 41322
Ikekame, H. *see* Sato, K. 11475
Ikematsu, M. *see* Iseki, M. 41499
Ikemoto, A. *see* Suzuki, H. 11331
Ikemoto, H. *see* Sonoda, T. 6411
Ikemoto, Y. *see* Nakagawa, T. 26174
Ikenaga, T. *see* Hamada, H. 46226
Ikenaga, T. *see* Naemura, M. 6255
Iketani, A. *see* Ijichi, T. 28857
Iketani, A. *see* Ohkubo, M. 12185
Ikeuchi, N. *see* Ozeki, S. 5402
Ikeuchi, T., Oumi, T., Sekine, Y., Uenoyama, T., Kameda, Y., Okuyama, K., Tanabe, T., Takayama, J., Akama, K. High-speed line driver and receiver ICs 45641
Ikezaki, M. *see* Takano, H. 15149
Ikezawa, S. *see* Ito, A. 18258
Ikezawa, T. *see* Ohki, H. 15075
Ikezawa, Y. *see* Ebana, J. 40407
Ikezawa, Y. *see* Takamura, T. 17245
Ikhlef, A., Skowronek, M. One-dimension radiation position sensor using a plastic scintillating fiber 7161
Ikhlef, A., Skowronek, M. Radiation position-sensitive detector based on plastic scintillating fibers 7308
Ikoma, H. *see* Ishida, T. 1929
Ikoma, K. *see* Yamanaka, M. 764
Ikoma, M., Takahashi, O., Tsuboi, R., Matsumoto, I. Development of sealed type nickel/metal hydride battery 40423
Ikoma, M. *see* Matsuda, H. 48338
Ikoma, M. *see* Morishita, N. 48339
Ikonomopoulos, A., Uhrig, R.E., Tsoukalas, L.H. Modeling complex systems with neural network generated fuzzy reasoning 16530
Ikonomopoulos, A. *see* Healy, P. 40996
Ikonomou, M. *see* Jacob, J. 15181
Ikota, M. *see* Akiyama, N. 11809
Ikpe, E.S., Scarrott, G., Weight, J.P., Grattan, K.T.V. A standing-wave flow measurement system for small diameter pipes using long acoustic waves 6857
Ikramov, A.S., Fal'kovskii, O.I. Choice of parameters of nonidentical channel diffusion light guides making up a frequency filter 3305
Ikramov, A.V., Roshchupkin, I.M., Safronov, A.G. Investigations of the bimorph adaptive mirrors 44030
Ikryannikov, V.I. *see* Gerasimov, L.S. 39597
Ikunishi, S. *see* Haruna, M. 43763
Ikuno, H., Ohmori, T., Nishimoto, M. Extended ray theory for analyzing electromagnetic scattering from two-dimensional smooth objects 21203
Ikuno, H., Ohmori, T., Nishimoto, M. Extended ray theory for analyzing electromagnetic scattering process on two-dimensional smooth objects 44287
Ikuno, H. *see* Ohmori, T. 44288
Ikuta, A. *see* Ohta, M. 21802
Ikuta, H., Uchida, T., Wakihara, M. Lithium intercalation into $Cr_2Mo_6S_8$ 40404
Ikuta, H. *see* Uchida, T. 48065
Ikuta, K. *see* Inoue, Y. 30445
Ikuta, K. *see* Nakata, S. 27536
Ikuta, K. *see* Yokoyama, H. 9532
Ikuta, T. *see* Kimura, Y. 34488
Ikuta, T. *see* Osa, A. 7151
Ikuta, Y. *see* Ishizaki, C. 19228
Il Cho Taeg *see* Taeg Il Cho
Il Choi Byoung *see* Byoung Il Choi
Il Jaatun, M.G. *see* Brown, L. 30446
Il Jung Chan *see* Chan Il Jung
Il Kim Se *see* Se Il Kim
Il Lee Wu *see* Wu Il Lee
Il Song Han, Ki Hwan Ahn, Tae Ho Park, Ki Ho Jun Adaptable VLSI neural network of tens of thousand connections 1375
Ilaghi, M. *see* Bahram-pour, A.R. 11975
Ilakovac, T., Tulac, S. WorkMates: TCP/IP based distributed application manager 37444
Ilango, V., Cook, C. Computer aided laboratory experiments in electrical engineering 40823
Ilavarasan, P., Rothwell, E.J., Kun Mu Chen, Nyquist, D.P. Natural resonance extraction from multiple data sets using physical constraints 46031
Ilavarsan, P. *see* Rothwell, E. 46048
Ilberg, D. *see* Levinson, J. 11106
Il'chakova, O.E. *see* Tolkunov, V.P. 8448
Il'chenko, L.G. *see* Litovchenko, V.G. 19291
Ilchenko, V.S., Gorodetsky, M.L., Vyatchanin, S.P. Coupling and tunability of optical whispering-gallery modes: a basis for coordinate meter 46385
Il'chenko, V.V. *see* Vetrov, A.P. 27564
Ildstad, E., Hagen, S.T., Opstad, B. Initiation and growth of electrical trees in XLPE insulation 2724
Ildstad, E. *see* Bruaset, A. 11383
Ildstad, E. *see* Faremo, H. 16363
Ildstad, E. *see* Hagen, S.T. 16362
Ildstad, E. *see* Lundgaard, L. 2693
Ilea, D. *see* Stoia, D. 40244
Ilegems, M. *see* Rudra, A. 41330
Ilegems, M. *see* Saint-Cricq, B. 3668
Ilegems, M. *see* Stanley, R.P. 12121
Iles, P.A. Future use of silicon solar cells in extra-terrestrial applications 48119
Ilg, M., Ploog, K.-H. Enhanced In surface segregation during molecular-beam epitaxy of (In, Ga)As on (h 11) GaAs for small values of h 9656
Iliades, P. *see* Adamides, E.D. 13894
Iliadis, I., Manias, S.N., Cladas, A. Analysis and design considerations of an electric vehicle using an existing vehicle coach 48327
Ilic, M. *see* Chedid, R. 32806
Ilic, M.D. *see* Chapman, J.W. 24689
Ilic, M.D. *see* Mak, F.K. 16209
Ilic, M.D. *see* Nishimura, F. 24714
Ilic, R., Sutej, T., Skvarc, J., Humar, M. Current research on nuclear tracks in solids at J. Stefan Institute 39127
Ilic, S. *see* Mrdakovic, D. 7829
Ilic, S. *see* Mrdakovic, D. 16234
Ilceto, F., Gatta, F.M., Bertagnolli, G. Technical topics on winding connection, neutral grounding, magnetic core type and use of tertiary winding in large transformers 16925
Iliceto, F., Gatta, F.M., Coppadoro, F., Bergonzi, L., Scendrate, G. Criteria for the choice of the main characteristics for the specification of large transformers 16924
Il'ichev, E.V. *see* Laiho, R. 43361
Ilie, G. *see* Lemnean, N. 25746
Ilie, J.-M., Rojas, O. On well-formed nets and optimizations in enabling tests 18015

Iliev, A.I. Analytic approach to design of high γ_t lattice—'missing magnet' scheme 6926
Iliev, A.I., Senichev, Yu. Alternative transitionless racetrack lattices for low-energy synchrotron 15378
Iliev, G.S., Angelov, I.W., Petkov, K.D. Vibration analysis of spatial systems by stationary and nonstationary regimes 13364
Ilin, A.A. *see* Danilov, V.D. 7010
Iljanic, V. *see* Sekso, A. 25002
Il'in, V.A., Semin, I.A. Equivalent circuit of a waveguide shorting plunger 10394
Il'in, V.A., Slobodchikova, S.V., Etkin, V.S. An experimental microwave apparatus for monitoring soil at positive and negative temperatures 38648
Il'in, V.A. *see* Kudelya, A.M. 19022
Il'in, V.A. *see* Milovskii, N.V. 12054
Il'in, V.I. *see* Bakueva, L.G. 41432
Il'in, Y.B. *see* Babkina, T.V. 20505
Il'in, Yu.B. *see* Babkina, T.V. 28580
Il'in, Yu.V. *see* Andreeva, E.I. 35802
Il'inskii, A.V., Kutsenko, A.B., Mel'nikov, M.B. Steady-state distributions of the field and space charge in the interior of the i layer in a GaAs p-i-n structure 42470
Il'inskiy, A.S. *see* Vasilenko, Yu.N. 12740
Iljin, A.G., Klimusheva, G.V., Kukhtarev, N.V., Zagainova, L.I. New subjects for photonic switching 3228
Il'kevich, Z.A. *see* Fedyaev, A.V. 16646
Ill Park Seong *see* Seong Ill Park
Illan, J. *see* Zhao, J.H. 2509
Ille, J.L. *see* Mouillet, A. 28356
Illegems, M. *see* McKinley, J.T. 44082
Illek, S. *see* Amann, M.-C. 12101
Illek, S. *see* Amann, M.C. 20787
Illek, S. *see* Wolf, T. 20766
Illiadis, A.A. *see* Tang, P.F. 2259
Illig, J. High fidelity, low cost gas turbine modeling for real-time simulation applications 32736
Illingworth, R. *see* Sinclair, A.G. 20334
Illman, R., Traynor, D. Implementation of BIST in 100 k gate ASICS 41753
Ilmoniemi, R.J. *see* Ahonen, A.I. 31919
Ilnitzki, M.M.G. *see* Dirubbo, L. 5429
Ilow, J., Hatzinakos, D., Venetsanopoulos, A.N. Blind deconvolution based on cumulant fitting and simulated annealing optimization 29410
Ilowski, J.J. *see* Deen, M.J. 19023
Ils, P., Michel, M., Forchel, A., Gyuro, I., Klenk, M., Zielinski, E. Fabrication and optical properties of InGaAs/InP quantum wires and dots with strong lateral quantization effects 27548
Ils, P., Michel, M., Forchiel, A., Gyuro, A.I., Speier, P., Zielinski, E. Optical properties of InGaAs/InP quantum wires defined by high voltage electron beam lithography at 200 kV 10707
Ilsin An *see* Collins, R.W. 2166
Ilsin An *see* Lu, Y. 9698
Iltis, R.A., Mailaender, L. A symbol-by-symbol multiuser detector with joint amplitude and delay estimation 22328
Iltis, R.A. *see* Giridhar, K. 4698
Iltis, R.A. *see* Giridhar, K. 30628
Ilumoka, A.A. A comparison of deterministic and statistical sampling techniques for quality analysis of integrated circuits 19949
Ilyas, M. *see* Archibong, G.I. 5804
Ilyas, M. *see* Bemmel, V. 5599
Ilyas, M. *see* Choi, K.K. 5524
Ilyas, M. *see* Hsu, S. 5161
Il'yasov, R.S. *see* Komarov, V.A. 18386
Il'yasov, R.S. *see* Komarov, V.A. 41536
Il'yushenko, V.N. *see* Stukach, O.V. 31146
Il'yushenko, V.N. *see* Stukach, O.V. 41610
Im, J.S. *see* Kim, H.J. 9685
Im, S., Washburn, J., Gronsky, R., Cheung, N.W., Yu, K.M. Defect control during solid phase epitaxial growth of SiGe alloy layers 766
Im, S., Washburn, J., Gronsky, R., Yu, K.M. Defect-minimized SiGe layer using ion beam synthesis 10872
Im, S. *see* Jones, E.C. 10873
Im, S.W., Kwon, W.H., Cho, G.H. Sliding mode control of a zero-current switching resonant convertor 41634
Im, Y.J. *see* Lee, C. 10995
Im Ho Bin *see* Ho Bin Im
Im Seongil *see* Seongil Im
Im Seyoung *see* Seyoung Im
Imachi, K. *see* Watada, M. 39108
Imada, G., Masugata, K., Yatsui, K., Masuda, W. Numerical analysis on temperature dependence of XeCl-lasing characteristics 3443
Imada, G., Nakamura, H., Komesu, T., Honna, T., Masuda, W., Masugata, K., Yatsui, K., Satoh, S., Goto, T., Yasuoka, K., Tamagawa, T. Discharge-pumped excimer laser with high-speed and low-temperature gas flow 20637
Imada, G. *see* Yatsui, K. 20952
Imada, M. Theories of high temperature superconductivity—the state of the art 43344
Imae, M., Kiuchi, H., Kaneko, A., Sugimoto, Y. Digital sampling data acquisition method for "PRESTAR" 46118
Imae, M. *see* Kaneko, A. 46119
Imae, M. *see* Takahashi, Y. 46121
Imafuji, O., Takayama, T., Suguira, H., Yuri, M., Naito, H., Kume, M., Itoh, K. 600 mW CW single-mode GaAlAs triple-quantum-well laser with a new index guided structure 12180
Imagawa, H. *see* Kiritani, S. 7354
Imagawa, T. *see* Narumi, S.-i. 43310
Imagawa, T. *see* Yamaguchi, K. 1668
Imai, A. *see* Hattori, T. 11031
Imai, A. *see* Hattori, T. 11059
Imai, A. *see* Nonogaki, S. 11021
Imai, H. *see* Cerecedo, M. 21566
Imai, H. *see* Chaosheng Shu 12890
Imai, H. *see* Dai, Y. 41090
Imai, H. *see* He, Y. 22060
Imai, H. *see* Hefeng Wang 30599
Imai, H. *see* Hoshikuki, A. 5730
Imai, H. *see* Iwamura, K. 10106
Imai, H. *see* Iwamura, K. 29442
Imai, H. *see* Iwamura, K. 44688
Imai, H. *see* Kohno, R. 37711
Imai, H. *see* Mabuchi, T. 4407
Imai, H. *see* Matsumoto, T. 12956
Imai, H. *see* Saito, H. 4455
Imai, H. *see* Saitoh, Y. 12855
Imai, H. *see* Saitoh, Y. 21599
Imai, H. *see* Yim, C. 44618
Imai, H. *see* Yoon, Y.C. 5714
Imai, H., Rivest, R.L., Matsumoto, T. *(editors)* Advances in Cryptology - ASIACRYPT '91. International Conference on the Theory and Application of Cryptology Proceedings 9146
Imai, J., Flores, R. Low-temperature metal-oxide-semiconductor field-effect transistor preamplifier 1089
Imai, K., Matsuba, H., Spear, P., Fife, A. Magnetic shields for HTc SQUIDs 4151
Imai, K. *see* Haga, T. 707
Imai, K. *see* Ino, M. 35096
Imai, K. *see* Makikawa, M. 38409
Imai, K. *see* Mitsumoto, H. 6232
Imai, K. *see* Miyake, K. 22662
Imai, K. *see* Sato, Y. 19443
Imai, K. *see* Suzuki, K. 1615
Imai, M., Ishikawa, H., Kobara, J. A timing analyzer for multiple clock phase designs with level-sensitive latch feedback loops 1295
Imai, M., Kanai, H., Chubachi, N., Oguro, S., Suzuki, H. A new method for quantitative measurement of correlation defined between different frequency based components 6863
Imai, M. *see* Alomary, A.Y. 18765
Imai, M. *see* Alomary, A.Y. 18767
Imai, N. A 10 GHz MMIC predistortion linearizer fabricated on a single chip 27317
Imai, N. Tactile switch's superior features encourage use in every field 27339
Imai, S. Sensors using high T_c superconductors 14946
Imai, S., Taniguchi, I., Furuichi, C., Kawasaki, T., Doi, H. Speaker-independent spoken word recognition system based on parallel phoneme labeling (PPL) method 44791
Imai, S. *see* Kanno, T. 4523
Imai, S. *see* Sekioka, S. 11346
Imai, S. *see* Suzuki, Y. 36588
Imai, S. *see* Tokuda, K. 4542
Imai, T., Sakakibara, T., Kobayashi, Y. Microwave characteristics of high-T_c superconductors by improved three-fluid model 2872
Imai, T. *see* Date, H. 39422
Imai, T. *see* Fukada, Y. 45916
Imai, T. *see* Hasebe, A. 11461
Imai, T. *see* Kobayashi, Y. 28397
Imai, T. *see* Nagashino, H. 897
Imai, T. *see* Takahashi, T. 38035
Imai, T. *see* Takayama, R. 6598
Imai, T. *see* Tsuno, T. 26407
Imai, T. *see* Yoshizawa, N. 43391
Imai, Y. Present and future of mobile telecommunications 37829
Imai, Y., Fujiwara, N., Yokoyama, H., Ishibe, S., Yamaoka, K., Shimomura, T. Energy duty of surge arresters on power distribution lines due to direct lightning hits to overhead ground wire 25049
Imai, Y., Fujiwara, N., Yokoyama, H., Shimomura, T., Yamaoka, K., Ishibe, S. Analysis of lighting overvoltages on low voltage power distribution lines due to direct lightning hits to overhead ground wire 24985
Imai, Y., Itoh, K., Matsouka, M., Sadakata, T. Estimated probability of damage to low voltage distribution equipment caused by lightning 25028
Imai, Y., Michishita, K., Ishii, M., Kawamura, T. Analysis of lightning-induced voltages on multiconductor power distribution lines taking account of finite ground conductivity 16315
Imai, Y., Sano, E., Nakamura, M., Ishihara, N., Kikuchi, H., Ono, T. Design and performance of clock recovery GaAs ICs for high-speed optical communication systems 6086
Imai, Y., Shimada, N. Dependence of stimulated Brillouin scattering on temperature distribution in polarization-maintaining fibers 43418
Imai, Y. *see* Ezure, S. 47932
Imai Nobuomi *see* Nobuomi Imai
Imaide, T., Kinugasa, T., Kudo, Y., Yamamoto, N. A multimedia color camera providing multi-format digital images 14826
Imaie, K., Ito, S., Ueda, S. PWM control method of multiple inverters for Maglev 8947
Imaie, K. *see* Ito, S. 16985
Imaizumi, H., Honda, M. Digital tranmission codec for HDTV MUSE signals 6221
Imaizumi, H. *see* Tanaka, H. 31011
Imaizumi, M., Endoh, Y., Ohtsuka, K., Isu, T. Growth of n- and p-ZnSe by gas source molecular beam epitaxy using metal Zn and H_2Se 41368
Imaizumi, M., Endoh, Y., Ohtsuka, K., Isu, T., Nunoshita, M. Active-nitrogen-doped p-type ZnSe grows by gas-source molecular beam epitaxy for blue-light-emitting devices 11873
Imaizumi, M., Endoh, Y., Ohtsuka, K., Suita, M., Isu, T., Nunoshita, M. Blue light emitting laser diodes based on ZnSe/ZnCdSe structure grown by gas source molecular beam epitaxy 20892
Imaizumi, M. *see* Phatak, P. 1935
Imaizumi, T., Okazaki, H., Oda, O. Semi-insulation of undoped GaAs epitaxial layers by wafer annealing 1840
Imaizumi, Y. *see* Isagawa, S. 10619
Imajo, H. *see* Higashino, T. 45352
Imakoma, T. *see* Morita, K. 39627
Imam, H. *see* Kirk, A. 28552
Imamiya, K., Miyamoto, J., Ohtsuka, N., Tomita, N., Iyama, Y. Statistical memory yield analysis and redundancy design considering fabrication line improvement 18733
Imamoto, R. *see* Urayama, M. 27409
Imamoto, Y. *see* Okumura, T. 45544
Imamura, K., Takatsu, M., Mori, T., Bamba, Y., Muto, S., Yokoyama, N. Proposal and demonstration of multi-emitter HBTs 42866
Imamura, K. *see* Matsufuji, S. 4404
Imamura, K. *see* Moriuchi, T. 21602
Imamura, K. *see* Moriuchi, T. 21604
Imamura, K. *see* Uehara, S. 21601
Imamura, M. *see* Grottke, M. 46379
Imamura, M. *see* Yanagi, H. 35555
Imamura, N. *see* Nozaki, C. 15123
Imamura, S., Nakagome, H., Yoshimura, R., Hida, Y. Polymeric optical waveguides 28477
Imamura, S. *see* Yoshimura, R. 3126
Imamura, Y., Kanoi, M., Kawakami, J. Fuzzy inference application to planning of distribution network switching 16300
Imamura, Y. *see* Hyuga, F. 2140
Imamura, Y. *see* Matsumoto, H. 19831
Imamura, Y. *see* Mitani, K. 10981
Iman, S., Pedram, M., Fabian, C., Cong, J. Finding uni-directional cuts based on physical partitioning and logic restructuring 19945
Imanaga, S., Hane, K., Hayafuji, Y. Inverse modeling of impact ionization rate through comparison of Monte Carlo simulation of Si metal-oxide-semiconductor device characteristics and experimental results 19827
Imanaka, R. *see* Ichinose, M. 20267
Imanieh, M. *see* Mullan, C.A. 2083
Imanieh, M. *see* Mullan, C.A. 9504
Imanishi, A. *see* Tokuda, N. 15301
Imanishi, N., Matsuoka, E., Takeda, Y., Yamamoto, O. $AOBO_4$ type electrode materials for rechargable lithium battery 40425
Imanishi, N., Nakahara, K., Takeda, Y., Yamamoto, O., Takano, M. Study an electrochemical sodium deintercalation of α-Na_xFeO_2 48075
Imanishi, N. *see* Yamamoto, O. 17268
Imanishi, S. *see* Kawabata, Y. 13281
Imanishi, S. *see* Muranaka, N. 26903
Imanishi, S. *see* Yamasaki, Y. 34040
Imano, K., Okuyama, D., Chubachi, N. A measurement method of sound velocity of small quantity of liquids using MHz range ultrasonic wave 15262
Imano, K., Okuyama, D., Chubachi, N. A noncontact thickness measurement of thin samples using 40 kHz ultrasonic wave 23890
Imano, K., Yoshida, Y., Okuyama, D. Observation of sound fields in transient radiation from the concentric annular piston transducer 47296
Imaoka, N., Suzuki, T. Magnetic properties and nitrogenation process of $Sm_2Fe_{17}N_x$ 11459
Imasaka, T., Yamanishi, S., Kawasaki, S., Ishibashi, N. Multifrequency laser emission generated by two-color stimulated Raman effect using a single-frequency laser beam and a dye-Raman composite resonator 21017
Imasaki, K. *see* Asakawa, M. 3695
Imasaki, K. *see* Asakawa, M. 43691
Imasaki, K. *see* Asakawa, M. 43965
Imasaki, K. *see* Chen, J. 47026
Imase, M. *see* Kobashi, S. 16589
Imazeki, M. *see* Oku, K. 27438
Imazu, T. *see* Hu, X. 20152
Imbeau, R., Lecours, M., Bosse, E., Dion, D. Ray tracing calculation correction for wave propagation inside evaporation ducts 21261
Imbimbo, E. *see* Sabbioni, F. 48208
Imece, A.F. *see* Bhargava, B. 25018
Imecs, M., Kelemen, A., Marschalko, R., Rusu, C. Torque and speed control systems for PM hybrid stepping motor with vector controlled minor loop 40570
Imecs, M. *see* Kelemen, A. 17519
Imenkov, A.N. *see* Baranov, A.N. 35803
Imenkov, A.N. *see* Yakovlev, Yu.P. 20817
Imes, W.G. *see* Thompson, J.P. 47985

Imhof, L. *see* Gerner, N. 5617
Imhoff, E. *see* Jiang, C.-L. 35813
Imielinski, T. *see* Goodman, D.J. 45541
Imlay, R. *see* Bernstein, A. 31661
Imlay, R. *see* Wang, M.-Z. 31689
Immediato, M.J. *see* Fixl, A.J. 33998
Immel, S.M., Hartley, T.T., de Abreu Garcia, J.A. Physical lumping methods for developing linear reduced models for high speed propulsion systems 24447
Immer, C. *see* Hagopian, V. 24019
Immink, K.A.Schouhamer *see* Schouhamer Immink, K.A.
Immovilli, G. *see* Caimi, C. 45870
Imori, M. *see* Anraku, K. 10217
Imoriya, T. *see* Sugiura, E. 2269
Imoriya, T. *see* Watanabe, H. 34861
Impedovo, S. *see* Dimauro, G. 45192
Imperato, J.J. *see* Baumgartner, W.D. 19107
Imperatori, P. *see* Lamelas, F.J. 33634
Imperiale, C. Fast, versatile modules increasing the conversion gain of multichannel analyzers in multiparameter measurements 41723
Imschweiler, J. *see* Seibt, M. 2084
Imura, H. *see* Makishima, H. 19293
Imura, R. *see* Maruyama, Y. 35253
Imura, S. *see* Kawabata, S. 45902
Imura, T. *see* Sakai, H. 36737
Imy, D.A. *see* Klazura, G.E. 24478
In Chung Jong *see* Jong In Chung
In Der Smitten, F.J. Field tests of digital video broadcasts using OFDM encoded digital colour signals over a terrestrial TV channel 6180
In Der Smitten, F.J. Digital video broadcasting—field test on digital transmission of OFDM coded colour signals on a terrestrial television channel 23263
In der Smitten, F.J. *see* de Couasnon, T. 14774
In Gook Chun, Taeg Il Cho, Kyu Ho Park Bound ary detection in a hexagonal grid using energy minimization 29975
In Ho Moon *see* Yong Jae Lee 1214
In Sik Park *see* Joong Eon Seo 23347
In 't Hout, S.R., Middelhoek, S. High temperature silicon Hall sensor 6388
In Tae Bae, Sasaki, T., Scherson, D.A. In situ Fourier transform reflection absorption infrared spectroscopic studies of the effects of tin on the electrochemical oxidation of carbon monoxide on polycrystalline platinum [fuel cells] 17299
In Won Lee *see* Yun Woo Lee 12311
In Yong Park, Hyunsoo Yoon, Heung-Kyu Lee A distributed scheduling mechanism for real-time communication in register insertion ring network 45334
In-Chul Yoo *see* Yong Woo Lee 30409
In-chyuan Ho, Huey-lin Hsieh Co-firing of semiconducting $(Ba,Sr)TiO_3$ and $(Ba,Pb)TiO_3$ ceramics 880
In-Chyuan Ho, Huey-Lin Hsieh Influence of potassium on preparation and performance of PTC resistors 10512
In-Joong Ha, Chang-Ik Kang Explicit characterization of all feedback-linearizing controllers for a general type brushless DC motor 47890
In-Joong Ha *see* Seong-Ho Song 39433
In-Kwan Hwang, Kurz, L. Digital data transmission over nonlinear satellite channels 22977
In-Soo Kim, Kwang-Joon Kim Active control of cross mode waves in rectangular ducts 44945
Ina, H. *see* Hisanaga, K. 14346
Inaba, H., Itakura, Y., Kasahara, M. Measurement of velocity vector of random flow using a set of three spatial filters 15253
Inaba, H., Kasahara, M. Notes on capability of demultiplexing coded packets on a collision channel 30187
Inaba, H., Terashima, F., Wakasugi, K., Kasahara, M. A note on character recognition system using error correcting codes 44741
Inaba, H. *see* Ejiri, K. 35232
Inaba, H. *see* Shigeta, M. 33110
Inaba, M. Size reduction and nonflammability of substation equipment 48024
Inaba, S. *see* Anraku, K. 10217
Inaba, S. *see* Tanaka, M. 46975
Inaba, T. *see* Goda, Y. 25020
Inaba, T. *see* Okazaki, M. 16482
Inaba, T. *see* Sekiguchi, T. 16461
Inaba, T. *see* Shibuya, M. 16314
Inaba, Y. *see* Uchida, T. 12190
Inabe, H. *see* Ogimoto, K. 16170
Inabe, N. *see* Okamura, H. 31623
Inabe, T. *see* Goda, Y. 32417
Inada, A. *see* Ishihara, H. 35240
Inada, H. Wide area medical information system 17461
Inada, H., Fujito, M., Matsumoto, T., Takahiko Onsa A new test device for detecting very low leakage current using a DRAM cell array 46567
Inada, H. *see* Iwanaga, T. 23345
Inada, T. *see* Hasegawa, K.-i. 7387
Inada, T. *see* Kiyota, Y. 34669
Inada, T. *see* Takahashi, H. 38994
Inagaki, A. *see* Watanabe, M. 27847
Inagaki, H., Saito, A. Development of stacked electrostatic actuator 25484
Inagaki, H. *see* Tabata, O. 6377
Inagaki, J. *see* Shimakura, Y. 16122
Inagaki, K., Nohara, M., Arimoto, Y., Fujise, M., Furuhama, Y., Kanda, S., Araki, K. Far-field pattern measurement of on-board laser communication equipment by free-space laser transmission simulator 6043
Inagaki, K. *see* Arimoto, Y. 14571
Inagaki, K. *see* Mori, Y. 15202
Inagaki, K. *see* Mori, Y. 34727
Inagaki, N. *see* Nakagawa, T. 26174
Inagaki, S. *see* Tamaru, N. 45733
Inagaki, T. *see* Wang, D. 40872
Inagaki, Y., Miyamoto, Y., Nakajima, T., Kozuma, T., Shoji, H. Development of an in-service inspection technique for the intermediate heat exchanger tubes of the High-Temperature Engineering Test Reactor 8096
Inagaki, Y. *see* Tsubata, T. 20206
Inagawa, J., Maejima, T. Non-rigid motion tracking based on smoothness constraint from image sequences 45248
Inage, H. *see* Nakatani, Y. 40574
Inai, M., Yamamoto, T., Takebe, T., Watanabe, T. Electroluminescence from lateral p-n junctions grown on (111)A GaAs patterned substrates 9618
Inai, M. *see* Fujiwara, S. 2314
Inai, M. *see* Lovell, D.R. 10750
Inai, M. *see* Yamamoto, T. 10686
Inaji, T., Ueda, E., Matsuo, K. New technology for compact VTR: sensorless capstan motor 23334
Inami, S., Hisatani, M., Otsuka, T., Nakata, S., Shirakami, H., Takeyama, K. The characteristic of controlling vibration of an ion implanter end station using a magnetic bearing 2860
Inamiya, K. A conceptual study of a positioning satellite system using a new constellation 23245
Inamori, S., Yamauchi, S., Fukuhara, K. A method of noise reduction on image processing 38289
Inamura, M. *see* Watabu, K. 6194
Inan, U.S., Rodriguez, J.V. Lightning-induced effects on VLF/LF radio propagation 4131
Inan, U.S. *see* Taranenko, Y.N. 12618
Inanami, R., Naganawa, T., Shao, C., Morita, S. Fabrication of electron-beam excited plasma process reactor with a polymer interface 18264
Inaniwa, Y. *see* Kawai, T. 7963
Inaoka, T. *see* Yatsuda, H. 2761
Inasaka, J. *see* Shimada, Y. 9248
Inasawa, Y. *see* Murasaki, T. 21198
Inase, T., Ustumi, K., Kondo, A. Magnetic properties and recording characteristics of Co-Cr-Ta-Pt thin film media 2807
Inata, K. *see* Horii, Y. 27195
Inata, T. *see* Sugiyama, Y. 27560
Inata, T. *see* Tackeuchi, A. 35989
Inatsu, M. *see* Sugirura, A. 45773
Inayatullah, G. *see* Alhusein, M.A. 16495
Inbar, H., Marom, E. Matched, phase-only, or inverse filtering with joint-transform correlators 4811
Incagli, M. *see* Bellamy, E.H. 31733
Incagli, M. *see* Bellamy, E.H. 46956
Incampo, G. *see* Cicinelli, E. 47094
Incardona, M. *see* Dal Col, V. 48264
Ince, H. *see* Uctug, M.Y. 40188
Inchaussandague, M.E. *see* Depine, R.A. 29162
Incicchitti, A. *see* Belli, P. 7236
Inculet, I.I., Adamiak, K. Charge limits in corona charging of distorted liquid droplets 43169
Indelli, M.T. *see* Bignozzi, C.A. 43640
Inden, K. *see* Hatano, Y. 17557
Inderbir Gurinder *see* Gurinder Inderbir
Indermuhle, P.F. *see* Brugger, J. 27622
Indik, R. *see* Ru, P. 12245
Indisov, V.O., Kuryatov, V.N., Semenov, B.N., Sokolov, I.M., Fofanov, Ya.A. Polarization characteristics of total-internal-reflection laser prisms 28925
Indisov, V.O., Kuryatov, V.N., Semenov, B.N., Sokolov, I.M., Fofanov, Ya.A. Polarization characteristics of total-internal-reflection laser prisms. Part 2 35941
Indou, S. *see* Takai, M. 10954
Indra, F. The electric drive—a real alternative to the internal combustion engine? 40586
Indukumar, K.C., Reddy, V.U. Comments on "A further analysis of decorrelation performance of spatial smoothing technique for real multipath sources" 44999
Indulkar, C.S. Probabilistic determination of the margin of transient stability 16135
Indulkar, C.S., Ramalingam, K. Effects of voltage sensitive loads on the voltage stability of compensated EHV-transmission lines 32176
Indulkar, C.S., Thomas, M.S., Bijwe, P.R. Switching overvoltages in a three-phase transformer 16914
Indulkar, C.S., Thomas, M.S., Bijwe, P.R. Switching overvoltages in line-transformer and cable-transformer cascades 16915
Indulkar, C.S., Thomas, M.S., Bijwe, P.R. Deterministic and probabilistic analysis of modal quantities for underground cables considering dielectric loss 39610
Indulska, J., Bearman, M., Raymond, K. A type management system for an ODP trader 37519
Indulska, J., Raymond, K. Application of ODP and type management concepts to network management 45458
Infante, C. On the modulation transfer function of matrix displays 31361
Infante, C., Suzuki, H. Issues on standards and measurements of CRT display quality 6701
Infante, G. *see* Polzonetti, G. 812
Infield, D.G. System design considerations for electricity generation from wind and diesel combinations 47817
Infield, D.G. *see* Bleijs, J.A.M. 32809
Infield, D.G. *see* Ruddell, K. 25294
Ing-Jiunn Su *see* Jyh-Horng Wu 30783
Ingalls, R.G., Eckersley, C. Simulation issues in electronics manufacturing 279
Ingalls, R.P. *see* Barvainis, R. 46149
Inganas, O. *see* Gustafsson, J.C. 20395
Inganas, O. *see* Pei, Q. 23522
Inganas, O. *see* Smela, E. 26529
Ingdar Liu *see* Heng-Sheng Huang 28273
Ingels, F.M. *see* Skinner, B.J. 46058
Ingelsakis, G. *see* Montagne, J.E. 11997
Ingemann Pedersen, L., Jonsson, T. Fibre-optic submarine cable system Denmark-Russia No. 1 45930
Ingemarsson, I. *see* Bertilsson, M. 21558
Ingemarsson, K.F. *see* Espefalt, R. 39811
Ingers, J. *see* Hill, G.R. 6051
Inggs, M. *(editor)* Proceedings of the 1992 South African Symposium on Communications and Signal Processing. COMSIG '92 (Cat. No.92TH0482-0) 26085
Inggs, M.R., Knight, A., Smit, P. Synthetic range profile measurements with a pulse compression radar 14707
Inggs, M.R., Van Zyl, M.W., Knight, A. A simulation of synthetic range profile radar 14694
Inggs, M.R. *see* Broderick, C. 14289
Ingham, D.R. A hybrid approach to trailing edges and trailing ends 44354
Ingle, L., Koontz, J. Directly bonded interconnect method and adaptive feedback bond signature analysis system 10596
Ingle, M.B. *see* Howorth, J.R. 24068
Ingle, N.K., Mountziaris, T.J. Reaction and transport models of the MOVPE of ternary III-V semiconductors 41389
Inglesakis, G. *see* Prat, C. 20959
Inglima, G. *see* Campajola, L. 46877
Inglis, J.A. *see* Stephan, H.O. 47722
Ingold, D.P. MEGAPHONE: a multimedia application based on object-oriented communication 5406
Ingold, J.P. *see* Knudsen, D.R. 6020
Ingold, J.P. *see* Knudsen, D.R. 6089
Ingold, M. *see* Duelli, M. 4807
Ingram, D.M. *see* Puntis, H. 17564
Ingram, G.L. CAE aids optimum inductor/transformer design 25490
Ingram, J. Prosody, foreign accent and speech synthesis 13062
Ingram, J., Prandolini, R., Ong, S. Phonetic variability in speaker recognition for forensic purposes 13041
Ingram, L. *see* Campos Barros, J.G. 25523
Ingram, R.F. *see* Bannister, P.R. 4138
Inguscio, M. *see* Tino, G.M. 35867
Ingvarsson, T., Langer, P. A small area hydroelectric load dispatcher utilizing expert system technique 24809
Ingvarsson, T. *see* Tomsovic, K. 25495
Ingwersen, J. *see* Danev, G. 27820
Iniewski, K., Atcha, J.I. Analytical modelling of Si-SiGe MOS structure 42581
Iniewski, K., Liu, M., Salama, C.A.T. Doping profiles characterization in GaAs semi-insulating substrates using capacitance-voltage, conductance-voltage, and current-voltage measurements 42836
Inigo, R.M. *see* Arrue, B.C. 29926
Inigo, R.M. *see* Gan Wang 5010
Injeyan, H. *see* St Pierre, R.J. 20712
Inkinen, S. *see* Dell'Acqua, A. 46998
In'kov, Yu.M. *see* Antyukhin, V.M. 40340
In'kov, Yu.M. *see* Barankevich, V.I. 40614
In'kov, Yu.M. *see* Bratash, V.A. 40686
In'kov, Yu.M. *see* Varchenko, V.K. 40615
Inkson, J.C. *see* Edwards, G. 27556
Inkson, J.C. *see* Edwards, G. 34579
Innes, A.G., Langman, R.A., Mayhew, G.R. Condition monitoring of variable-speed induction motor drives 40560
Innes, L., Harrison, F., Rhodes, W. Human factors regulation in response to advanced reactor design trends 32553
Innes, R. Industrial applications of stepper control systems 40262
Innes, S. *see* McLaren, P.G. 32495
Inniss, D., Brownlow, D.L., Kurkjian, C.R. Chemical effects on the fatigue of lightguide fibers 2986
Inniss, D. *see* Chandan, H.C. 5914
Inniss, D. *see* Kurkjian, C.R. 3060
Innorta, M. *see* Granelli, G.P. 16163
Ino, K., Natori, I., Ichikawa, A., Ohmi, T. In situ chamber cleaning using halogenated—gas plasmas evaluated by plasma-parameter extraction 42691

Ino, K., Sakai, M., Hamada, N. An approximation method of group delay characteristics of 1-D and 2-D discrete time systems 29658
Ino, M., Matsuhiro, K., Yamada, J., Imai, K. Development of 0.5 μm high-speed and low-power full-custom LSI technology 35096
Ino, T., Uenosono, C. An approximation method of frequency dependent effect in phase frame for unbalanced transmission line 39598
Ino, T., Uenosono, C. Application of multi-time step for transient analysis of power transmission lines 39599
Inochkin, M.V. *see* Altshuler, G.B. 20498
Inogai, K. *see* Sampei, S. 37728
Inoguchi, K., Kudo, H., Sugahara, S., Ito, S., Yagi, H., Takiguchi, H. Operation of 780 nm AlGaAs distributed feedback lasers at 100°C with low-loss waveguide structure 43865
Inohara, H. *see* Yokota, K. 19780
Inohara, S. Flat CRT designs pose technological challenges, pave paths to new uses 38613
Inoi, T., Maeda, T., Hamada, K. Heat resistance structure type piezoelectric actuator 20107
Inokuchi, H. *see* Tokiwa, Y. 39576
Inomata, N. *see* Tsuchiya, K. 25287
Inomata, Y., Ogata, S. Supervised and unsupervised classification by histogram overlay techniques 39353
Inomoto, K. *see* Noro, Y. 1350
Inooka, H. *see* Takahashi, T. 24153
Inosako, K. *see* Iwata, N. 1533
Inoshita, T., Sakaki, H. Multi-phonon relaxation of electrons in a semiconductor quantum dot 43894
Inoshita, T., Shimizu, A., Kuramoto, Y., Sakaki, H. Correlated electron transport through a quantum dot: The multiple-level effect 19373
Inoshita, T. *see* Koshiba, S. 18209
Inoshita, Y. *see* Koshiba, S. 41349
Inou, K., Kondo, M., Itoh, N., Tsuboi, Y., Yoshino, C., Iinuma, T., Nakajima, H., Katsumata, Y., Iwai, H. Analysis of process margins for emitter-base self-alignment structures through a combination of simulation and experiment 11299
Inou, K. *see* Iinuma, T. 11297
Inou, K. *see* Itoh, N. 11298
Inoue, A. Electrodeless metal halide lamp 48463
Inoue, A., Mase, K. Dynamic routing 37163
Inoue, A., Tajima, J. Adaptive image sharpening method using edge sharpness 22161
Inoue, A., Yamamoto, H. Discrete choice analysis for telecommunication services 13928
Inoue, A. *see* Hasegawa, H. 5368
Inoue, A. *see* Kawamura, Y. 20163
Inoue, A. *see* Suzuki, K. 2846
Inoue, H. Global concurrent engineering—roles in eco-factory 17792
Inoue, H. *see* Kanetake, T. 3089
Inoue, H. *see* Kirihara, T. 20375
Inoue, H. *see* Kirihara, T. 45994
Inoue, H. *see* Kodama, N. 2802
Inoue, H. *see* Morikawa, T. 7208
Inoue, H. *see* Nakahira, Y. 5673
Inoue, H. *see* Tokisue, H. 243
Inoue, H. *see* Uchara, K. 2431
Inoue, I., Ishikawa, M., Umoto, J. Fundamental study of arc phenomena near electrodes of coal-fired MHD generator channel 25715
Inoue, I. *see* Miura, O. 2921
Inoue, K. Suppression of fiber four-wave mixing in multichannel transmissions using birefringent elements 14661
Inoue, K. Fiber four-wave mixing suppression using two incoherent polarized lights 44080
Inoue, K., Hasegawa, M., Hirai, T., Hayashi, M., Ueno, I. Development of protection system for high resistance ground fault on power feeding of DC electric railway 17559
Inoue, K., Hasegawa, T., Oda, K., Toba, H. Multichannel frequency conversion experiment using fibre four-wave mixing 5974
Inoue, K., Ohta, T., Ishida, T., Gotoh, Y., Satoh, I. Recording and erasing characteristics at a wavelength of 680 nm for a phase-change disk designed for 830 nm wavelength 20253
Inoue, K., Takakado, Y., Nakaoka, M. New auto-tuning implementation for fuzzy-reasoning based DC brushless servo systems 40242
Inoue, K., Tomura, M., Nonaka, S., Kuga, S., Alexander, G.D., Nakamura, T. A study for developing applications of super high definition images 36850
Inoue, K., Yoshino, M., Kano, F. Polarisation insensitive wavelength conversion using a light injected DFB-LD with a loop configuration 44055
Inoue, K. *see* Gotoh, Y. 19292
Inoue, K. *see* Hasegawa, T. 20991
Inoue, K. *see* Nosu, K. 6057
Inoue, K. *see* Ogihara, T. 21857
Inoue, K. *see* Ohta, T. 20251
Inoue, K. *see* Saito, Y. 2605
Inoue, K. *see* Shimomura, S. 41347
Inoue, K. *see* Tachikawa, Y. 14629
Inoue, K. *see* Takanami, I. 41987
Inoue, K. *see* Tamura, N. 46889
Inoue, M., Kimura, G., Ueda, T. Efficient method for capacity expansion planning of telecommunication network facilities 37177
Inoue, M. *see* Arimoto, Y. 14571
Inoue, M. *see* Hagino, H. 33870
Inoue, M. *see* Ikeda, R. 33655
Inoue, M. *see* Kawashima, M. 38268
Inoue, M. *see* Kim, E.-K. 21669
Inoue, M. *see* Kim, S.G. 42524
Inoue, M. *see* Noda, A. 7469
Inoue, M. *see* Saitoh, Y. 7254
Inoue, M. *see* Sato, Y. 28728
Inoue, M. *see* Shirai, T. 15305
Inoue, M. *see* Sugiura, E. 2269
Inoue, M. *see* Taniguchi, K. 40193
Inoue, M. *see* Watanabe, H. 34861
Inoue, M. *see* Yamauchi, H. 26918
Inoue, M. *see* Yamauchi, H. 26951
Inoue, M. *see* Yano, M. 18219
Inoue, M. *see* Yoh, K. 19401
Inoue, M. *see* Yoh, K. 27532
Inoue, M. *see* Yoh, K. 42497
Inoue, M. *see* Yoneda, K. 10893
Inoue, N., Takeda, K., Yamamoto, S. A method to deal with out-of-vocabulary words in spontaneous speech by using garbage HMM 44799
Inoue, N., Tamura, H., Yoshimaru, M. Formation of high quality ultra-thin silicon nitride film for megabit DRAM 33703
Inoue, N., Yasuda, Y. A reduction method of Markov states with vector quantization 13645
Inoue, N. *see* Asakawa, M. 3695
Inoue, N. *see* Asakawa, M. 43691
Inoue, N. *see* Asakawa, M. 43965
Inoue, N. *see* Takeda, K. 5654
Inoue, N. *see* Tanabe, T. 7062
Inoue, N. *see* Yokoyama, H. 9532
Inoue, N. *see* Yokoyama, H. 34512
Inoue, S., Fujisawa, T., Tanaka, S., Tamamushi, S., Ogawa, Y., Nakase, M. Phase contrast lithography 2346
Inoue, S., Koyama, H. An extraction and composing method for moving image synthesis 13485
Inoue, S., Machida, S., Yamamoto, Y., Ohzu, H. Squeezing in an injection-locked semiconductor laser 12120
Inoue, S. *see* Mackawa, T. 19328
Inoue, S. *see* Miura, Y. 15241
Inoue, S. *see* Nakase, M. 27939
Inoue, T., Goto, J., Yamashina, M., Suzuki, K., Nomura, M., Koseki, Y., Kimura, T., Atsumo, T., Motomura, M., Shih, B.S., Horiuchi, T., Hamatake, N., Kumagai, K., Enomoto, T., Yamada, H., Takada, M. A 300 MHz 16-b BiCMOS video signal processor 27000
Inoue, T., Goto, J., Yamashina, M., Suzuki, K., Nomura, M., Koseki, Y., Kimura, T., Atsumo, T., Motomura, M., Shih, B.S., Horinchi, T., Hamatake, N., Kumagai, K., Enomoto, T., Yamada, H., Takada, M. A 300-MHz 16-b BiCMOS video signal processor 41936
Inoue, T., Hanada, M., Mizuno, M., Ohara, Y., Okumura, Y., Susuki, Y., Tanaka, M., Watanabe, K. Development of a multi-ampere H^- ion source at JAERI 38830
Inoue, T., Honda, T., Yamagishi, M. Low voltage operation sea of gates 33970
Inoue, T., Kanayama, T., Komuro, M. Pattern formation in amorphous WN, by low temperature electron cyclotron resonance etching for fabrication of X-ray mask 27983
Inoue, T., Muramatsu, K. In-vehicle information systems and semiconductor devices they employ 33132
Inoue, T., Pan, Q., Ueno, F., Ohuchi, Y. Design and analysis of OTA switched current mirrors 1346
Inoue, T., Taniguchi, H., Ichikawa, T. A study on numerical integration method for long-term power system dynamic simulation 39550
Inoue, T., Yamatani, K., Itoh, K., Ichioka, Y. A self-organizing network for vector quantization of spectral images 13533
Inoue, T., Yonezawa, T., Fujiwara, H. An optimal scheme of parallel processing for test generation in a distributed system 26905
Inoue, T. *see* Hashimoto, O. 4064
Inoue, T. *see* Katayama, A. 25572
Inoue, T. *see* Mizuno, M. 46699
Inoue, T. *see* Nishida, H. 6263
Inoue, T. *see* Odagawa, T. 12136
Inoue, T. *see* Odagawa, T. 12153
Inoue, T. *see* Ohki, T. 8247
Inoue, T. *see* Ohnishi, O. 9940
Inoue, T. *see* Ohnishi, O. 25484
Inoue, T. *see* Qinyun Pan 26730
Inoue, T. *see* Sasaki, M. 1249
Inoue, T. *see* Shimada, Y. 9248
Inoue, T. *see* Sugitani, K. 1280
Inoue, T. *see* Ueno, F. 1212
Inoue, T. *see* Yokoyama, H. 23849
Inoue, Y., Tanimoto, S., Tsujimura, K., Yamashita, T., Ibara, Y., Yamashita, Y., Yoneda, K. Behavior of TiN and Ti barrier metals in Al-barrier-Al via hole metallization 42779
Inoue, Y., Terada, N., Kawarasaki, M., Sano, K.-i., Ikuta, K. Evolution scenario of broadband services based on granulated broadband network concept 30445
Inoue, Y. *see* Ando, S. 11799
Inoue, Y. *see* Iizuka, H. 37311
Inoue, Y. *see* Joachim, H.-O. 11202
Inoue, Y. *see* Joachim, H.-O. 42919
Inoue, Y. *see* Kawagoshi, T. 16178
Inoue, Y. *see* Kawarasaki, M. 22663
Inoue, Y. *see* Roy, A.K. 47486
Inoue, Y. *see* Sano, M. 20106
Inoue, Y. *see* Tachikawa, Y. 14629
Inoue, Y. *see* Takahashi, H. 28897
Inoue, Y. *see* Uchida, S. 32444
Inouye, T., Tobita, M., Takahashi, K. A decoder for codes of I.F broadcast in Japanese Standard Time 23275
Inouye, Y., Suga, Y. Identification of linear systems with noisy input using fourth-order cumulants 4701
Inovenkov, A.N., Konstantinov, O.V., Pirogov, V.I. Spectrum of the current noise of a microplasma in a diode connected to a high-impedance circuit 2394
Insalaco, L. *see* Brown, K.C. 19659
Insalaco, L.J. *see* Tajadod, J. 19133
Insana, M.F., Hall, T.J. Methods for estimating the efficiency of human and computational observers in ultrasonography 39032
Inseop Lee, Jong Gyu Kim, Ann, S.J.M. An efficient motion estimated vector quantizer 29968
Insik Kim, Irvine, T.F., Jr., Park, N.A. Experimental study of the velocity field around a falling needle viscometer 31482
Insinga, F. *see* di Salvatore, F. 24874
Instone, I. Some advantages of automated measurements 46302
Insuk Yu *see* Jong Sung Kim 2741
Insulander, J., Schoo, P., Tonnby, L., Trigila, S. An architectural approach to integrated service engineering for an open telecommunication service market 37217
Intae Ryoo *see* Cheul Shim 45639
Intoh, K. *see* Mine, S. 45683
Intrator, T.P. *see* Diebold, D.A. 32085
Intrieri, J.M., Stephens, G.L., Eberhard, W.L., Uttal, T. A method for determining cirrus cloud particle sizes using lidar and radar backscatter technique 15997
Introzzi, G. *see* Cataldi, G. 31666
Intven, H. Convergence of the telephone and cable industries. Legal, regulatory, and policy issues for multimedia communications 38203
Inui, A., Yamada, S., Murase, H., Teranishi, T., Ohshima, I. Impulse insulation characteristics of a composite insulation system having a wedge gap in SF_6 gas 2706
Inui, A., Yamada, S., Taniguchi, Y., Murase, H., Teranishi, T., Ohshima, I. Barrier effects of surface discharge propagation in SF_6 gas 35155
Inui, Y., Ishikawa, M., Umoto, J. Two-dimensional calculation of nonequilibrium disk MHD generator considering boundary layer 25826
Inui, Y., Morimoto, K., Ishikawa, M., Umoto, J. Power consolidation-inversion-control system with DC consolidation circuit for Faraday MHD generator 25710
Inui, Y., Morimoto, K., Ishikawa, M., Umoto, J. Power consolidation-inversion-control system for MHD generator using PWM inverter along with DC consolidation circuit 25837
Inui, Y. *see* Ishikawa, M. 25367
Inuiguchi, M., Kume, Y. Properties of nondominated solutions to linear programming problems with multiple interval objective functions 538
Inuiguchi, M., Sakawa, M. On a reduction method for a fuzzy multiobjective linear programming problem 18052
Inuishi, M. *see* Kuroi, T. 42864
Inujima, H., Masui, T., Mackawa, H. Development of partial discharge detection method using an auto-regressive model in gas insulated switchgear (GIS) 25597
Inuzuka, F. *see* Iida, T. 43664
Inyakin, A.V. *see* Lapshin, V.G. 31686
Inzhechik, L.V. Cryogenic phonon detectors: novel possibilities of low-energy radiation detection 38842
Ioan, D.C. *see* Hantila, F.I. 44219
Ioannides, A.A. Brain function as revealed by current density analysis of magnetoencephalography signals 31944
Ioannides, A.A. *see* Liu, M.J. 47035
Ioannides, M.G. State space formulation and transient stability of the double output asynchronous generator 32857
Ioannides, N., Kalymnios, D., Rogers, I.W. Experimental and theoretical investigation of a POF based displacement sensor 6518
Ioannidis, J., Maguire, G.Q., Jr. The design and implementation of a mobile internetworking architecture 22553
Ioannou, A. *see* Persephonis, P. 11983
Ioannou, A.G. *see* Persephonis, P. 35676
Ioannou, P. *see* Adam, W. 46929
Ioannou, P.A., Chien, C.C. Autonomous intelligent cruise control 25918
Iodice, M. *see* Cocorullo, G. 43525
Ioffe, A.F. Radiative and nonradiative recombination in AlGaAs and InGaAsP heterostructures and some features of the corresponding quantum well laser diodes 3639
Iokibe, T. *see* Sakawa, M. 17626

Ionaitis, R.R., Liepa, E.L., Tomsons, E.Ya. Experimental investigation of a reactor shutdown actuating mechanism with a diaphragm active component 47675
Ionescu, A., Chovet, A., Cristoloveanu, S., Jarron, P., Heijne, E. Noise investigations of radiation induced defects in MOS/SIMOX transistors 19803
Ionescu, A., Cristoloveanu, S. Carrier generation in thin SIMOX films by deep-depletion pulsing of MOS transistors 34944
Ionescu, B. *see* Spolaor, F. 8308
Ionescu, B. *see* Spolaor, F. 17618
Ionescu, R., Vancu, A. Time-dependence of the conductance of SnO_2:Pt:Sb in atmospheres containing oxygen, carbon monoxide and water vapour I. Non-oscillatory behaviour 38580
Ionescu, R., Vancu, A., Tomescu, A. Time-dependence of the conductance of SnO_2:Pt:Sb in atmospheres containing oxygen, carbon monoxide and water vapour II. Oscillatory behaviour 34525
Ionescu, T.C., Enache, L., Carstocea, B., Dascalu, S.M. An instrument for complex eyesight testing 38952
Ionescu, T.G. Programming of energy and power demand of the domestic and tertiary sectors in urban areas 24883
Ionin, G.L., Sedol, Ya.Ya., Ozolin'sh, E.A. The SITA/C and SITA/G systems — effective means of modeling communications systems 13940
Ionita, V. Influence of the boundary conditions on the convergence rate in the iterative numerical computation of the nonlinear field problems 44221
Ionov, A.V. *see* Sergeyenko, N.M. 25753
Ionov, B.P. *see* Kosykh, A.V. 20082
Iordanescu, D.I. *see* Unewisse, M.H. 46509
Iori, K. *see* Katoh, K. 30463
Iorio, I.de *see* de Iorio, I.
Iorio, R., Agostena, L. Internal resonances in power transformers 25488
Ioroi, T. *see* Ogawa, T. 17358
Ioshkin, V.A. *see* Bogonin, I.A. 26403
Ioszef, E. *see* Webster, S. 1297
Ioup, G.E., Pflug, L.A., Ioup, J.W., Field, R.L. Prefiltering for higher order advantage 4740
Ioup, J.W. *see* Ioup, G.E. 4740
Ip, C.N., Dill, D.L. Better verification through symmetry 5242
Ip, H.H.S., Mong, F.Y., Pun, L.K.L. Toroidal graph search in surface reconstruction of 3D branching objects 13717
Ip, H.H.S. *see* Lam, S.W.C. 13670
Ipakchi, A. *see* Adapa, R. 39557
Ipakchi, A. *see* Khadem, M. 32615
Iparraguirre, I., Azkargorta, J., Fernandez, J. Design of low cost flashlamp-pumped, air coded and passively Q-switched Nd:YAG laser for laboratory use 43762
Ipatov, P., Distler, K., Kemmeter, H. Commissioning unit 4 of the Balachovo nuclear power station 47686
Ipatova, I.P. *see* Dostov, V.L. 731
Ippen, E.P. Principles of passive mode locking 44043
Ippen, E.P. *see* Doerr, C.R. 20755
Ippen, E.P. *see* Haus, H.A. 43788
Ippen, E.P. *see* Hirayama, Y. 44076
Ippen, E.P. *see* Tamura, K. 20757
Ippen, E.P. *see* Tamura, K. 21022
Ippen, E.P. *see* Yokoyama, H. 3710
Ippommatsu, M., Sasaki, H., Otoshi, S., Suzuki, M., Kurusu, C., Kajimura, A., Sugiura, N. High performance electrode for high power density tubular type SOFC 17267
Ippommatsu, M. *see* Kajimura, A. 17349
Ippommatsu, M. *see* Mizusaki, J. 17364
Ipsits, I. *see* Karpati, A. 15685
Iqbal, A. *see* Omer, A. 374
Iqbal, J. *see* Henk, P.O. 2723
Iqbal, M. *see* Naseem, S. 17388
Iqbal, M.T., Coonick, A.H., Freris, L.L. Some control aspects of a wind turbine 47821
Iqbal, T., Shahriari, M.R., Hajcak, P., Sigel, G.H., Jr., Copeland, L.R., Reed, W.A. Optical properties of AlF_3-based glasses doped with Pr^{3+}, Yb^{3+} and Lu^{3+} 43374
Iqneibi, S. *see* Dawes, N.W. 37529
Iracane, D., Chaix, P., Delbarre, H. Spectral behavior of high-power Compton free-electron lasers. II. Effect of filtering and tapering on sideband generation 43962
Iracane, D., Chaix, P., Ferrer, J.L. Spectral behavior of high-power Compton free-electron lasers. I. Broadening and asymptotic equilibrium 43961
Iracane, D., Touati, D., Chaix, P. Effect of the wiggler harmonics on the free electron laser dynamics 43993
Iracane, D. *see* Chaix, P. 20925
Iracane, D. *see* Chaix, P. 43992
Iracane, D. *see* Guimbal, P. 43975
Iraj Najafi, S. A process for quick attachment of fibers to integrated optics devices 3067
Irakliotis, L.J. *see* Mitkas, P.A. 20478
Irakliotis, L.J. *see* Mitkas, P.A. 43567
Iramina, K. *see* Ueno, S. 39038
Irani, M., Peleg, S. Motion analysis for image enhancement: resolution, occlusion, and transparency 29800
Irani, M., Rousso, B., Peleg, S. Computing occluding and transparent motions 45067
Irani, R. *see* Hoang, L. 18712
Irani, S. Coloring inductive graphs on-line 18038
Irani, S. *see* Garland, P.J. 22944
Iranmanesh, A. *see* Ratnam, P. 11175
Iraqi, R. *see* Verbeke, M. 47088
Iravani, M.R., Zhao, Z., Hamouda, R.M. Impact of inverter station on torsional dynamics of parallel HVDC-AC power system 24699
Iravani, M.R. *see* Sun, S. 8621
Iravani, M.R. *see* Zhao, Z. 32386
Iravani, M.R. *see* Zhao, Z. 47462
Ireland, D.G. *see* Blok, H.P. 38935
Irene, E.A. Applications of spectroscopic ellipsometry to microelectronics 1987
Irene, E.A., Hu, Y.Z. Ellipsometry studies of semiconductor surface cleaning 34711
Irene, E.A. *see* Augustine, B.H. 35524
Irene, E.A. *see* Conrad, K.A. 27737
Irene, E.A. *see* Hu, Y.Z. 2197
Irene, E.A. *see* Hu, Y.Z. 34759
Irene, E.A. *see* Li, M. 31493
Irene, E.A. *see* Liu, Q. 34619
Irene, E.A. *see* Poler, J.C. 19446
Irene, E.A. *see* Poler, J.C. 34636
Irene, E.A. *see* Poler, J.C. 42564
Irene, E.A. *see* Poler, J.C. 42573
Irene, E.A. *see* Sampson, R.K. 38733
Irene, E.A. *see* Sampson, R.K. 42389
Irene, E.A. *see* Spanos, L. 34712
Irene, E.A. *see* Xu, X. 835
Irene, E.A. *see* Xu, X.-L. 9724
Irene, E.A. *see* Higashi, G.S. *(editor)* 33190
Irie, F. *see* Itoh, R. 39542
Irie, H. *see* Furuta, H. 11667
Irie, H. *see* Taniguchi, K. 16974
Irie, K., Okumura, Y., Sakurai, N., Kishimoto, R. Design of subband codec for HDTV transmission 23324
Irie, M., Kato, M., Kitamura, T. Thermal transfer color printing using laser heating 3944
Irie, M., Kitamura, T. High-definition thermal transfer printing using laser heating 3943
Irie, M. *see* Tatezono, F. 2938
Irie, N., Fukino, M., Horie, H. Nissan FEV—a new concept electric vehicle 48321
Irie, N. *see* Horie, H. 48284
Irie, T. *see* Yamada, T. 25041
Iriguchi, N., Yamai, S., Hasegawa, J. The NMR sensitivity achievable with a slotted-tube resonator 24221
Irii, H., Kubichek, R., Atkinson, D. Objective assessment of 16 kbit/s LD-CELP speech quality 4464
Irii, H. *see* Corcoran, F. 5621
Irii, H. *see* Kozono, J.-I. 44769
Irii, H. *see* Ogawa, M. 13018
Irii, H. *see* Ogawa, M. 13019
Irii, H. *see* South, C.R. 4461
Irino, T., Kawahara, H. Signal reconstruction from modified auditory wavelet transform 44981
Irinopoulou, T. *see* Leboucher, L. 45034
Irisawa, J., Takano, S. Transformer-type accelerator for inertial confinement fusion 8507
Irish, D.E. *see* Deng, Z. 17243
Irish, D.E. *see* Odziemkowski, M. 17242
Irishima, T. *see* Matsui, H. 30561
Irita, Y. *see* Shirai, S. 5674
Iritani, M. *see* Yoshitake, S. 3654
Iriye, R.N. *see* Kaune, W.T. 39113
Irizarry, F.C. *see* Bagheri, M. 5909
Irkaev, S.M. *see* Kamzin, A.S. 7298
Irmer, T. Shaping future telecommunications: the challenge of global standardization 37201
Irmisch, M., Ulbricht, A., Zwecker, V., Badent, R., Hinderer, A., Olbrisch, J., Jaarah, M. Breakdown characteristics of He gas at cryogenic temperature and low pressure 2710
Irmscher, D. *see* Baur, R. 46897
Irmscher, R. *see* Oesterwind, D. 32217
Irnich, N. *see* Bayha, E. 22964
Irokawa, H. *see* Nakamura, T. 47492
Irokawa, S. *see* Ichikawa, F. 16160
Irokawa, S. *see* Tokiwa, Y. 7827
Irone, M., Lacquaniti, L.G., Mazzini, B., Dan, M. Evaluation of a portable prototype to analyze heart rate variability 47091
Irone, M. *see* Lacquaniti, L.G. 7428
Irons, F.H., Hummels, D.M., Lasmin, S. The use of the triangle functions to model analog-to-digital converter dynamic errors 18830
Irons, S. AlN substrates yield high-power compact switches 11121
Ironside, C.N., Aitchison, J.S., Arnold, J.M. An all-optical switch employing the cascaded second-order nonlinear effect 35466
Ironside, C.N. *see* Al-hemyari, K. 35433
Ironside, C.N. *see* De La Rue, R.M. 3866
Irrera, F. *see* Caputo, D. 28596
Irrera, F. *see* Conte, G. 35560
Irrera, F. *see* Conte, G. 42444
Irsaliev, J. *see* Kutanov, A. 12422
Irsigler, M., Gruber, A.G. Electric operation of Oesterreichische Bundesbahnen in the years 1991 and 1992 48357
Irube, M. *see* Kotoh, K. 6862
Irvin, D.R. Eliminating barriers to the telecommunications revolution 37200
Irvine, A.K. *see* Dmitriev, V.A. 19652
Irvine, D.H. *see* Algazi, V.R. 4476
Irvine, K.J., Spencer, M.G., Dmitriev, V.A. Heteropolytype growth of beta silicon carbide on alpha silicon carbide by low pressure chemical vapor deposition at 1150°C 18267
Irvine, M. *see* Nguyen, H.T. 9065
Irvine, S.J.C., Bajaj, J., Gil, R.V. Integrated in situ monitoring of a metalorganic vapor phase epitaxy reactor for II-VI epitaxy 41297
Irvine, T.F., Jr. *see* Insik Kim 31482
Irving, E., Bourles, H., Bienaise, G., Chevrel, P., Taha, O., Ambos, P. Advanced control in nuclear power plants using linear quadratic robust regulators 39810
Irving, M.R., Sterling, M.J.H., Thurlby, R., Gann, J.O. The development and application of a load forecasting system 24877
Irving, M.R. *see* Elrafie, H.B. 7817
Irving, M.R. *see* Elrefaie, H.B. 16439
Irving, R.W. Stable marriage and indifference 33473
Irving, W.W. *see* Novak, L.M. 30874
Irving, W.W. *see* Verbout, S.M. 7683
Irwin, A.E. *see* Hoffman, H.M. 14243
Irwin, G.W. *see* Kadlec, J. 18844
Irwin, G.W. *see* Kee, R.J. 21811
Irwin, G.W. *see* Kee, R.J. 38141
Irwin, J. *see* Chen, T. 46796
Irwin, J. *see* Ledzius, R.C. 10232
Irwin, K. Small outline ceramic surface mount packages 33412
Irwin, K.D. *see* Chugg, B. 24038
Irwin, M.J. *see* Ding, C.-L. 18406
Irwin, M.J. *see* Gueesang Lee 33829
Irwin, M.J. *see* Owens, R.M. 36683
Irwin, M.J. *see* Vishwanath, M. 4596
Irwin, P.G.J., Ade, P.A.R., Calcutt, S.B., Taylor, F.W., Seeley, J.S., Hunneman, R., Walton, L. Investigation of dielectric spaced resonant mesh filter designs for PMIRR 28578
Irwin, R.D. *see* Glenn, R.D. 47190
Irwin, T., Jones, C.J., Headley, A. Achieving enhanced gas insulated switchgear reliability using diagnostic methods 25577
Irzak, M.A., Pavlov, I.P., Shcherbinin, O.N. Surface impedance of the plasma in calculations for antenna systems 36355
Isa, I. *see* Yamamoto, H. 19173
Isaev, A.A. *see* Vlasov, D.V. 3420
Isaev, A.I. *see* Kazakova, L.P. 19353
Isaevich, L.A. *see* Stepanenko, A.V. 887
Isagawa, S., Ono, M., Takeuchi, Y., Yoshida, M., Yoshimoto, S., Imaizumi, Y., Kawakami, Y., Ohya, K., Okamoto, T., Kobayashi, K. Operational experience and recent upgrading of TRISTAN high power cw klystrons 10619
Isagawa, S. *see* Schweppe, E.-G. 10621
Isagawa, T. *see* Kogure, M. 2164
Isaka, K., Hayashi, N., Yokoi, Y. Calculation of electric and magnetic fields near ground level in 187KV AC substation 48027
Isaka, K. *see* Chiba, A. 47135
Isaka, S. *see* Yorozuya, T. 40275
Isakov, A.B., Nanzhula, V.G., Sokolov, Yu.M. The design of heat protection units for high-power analog integrated circuits 9939
Isakov, V.K. *see* Vitsinskii, S.A. 36006
Isakov, V.P. *see* Permyakov, L.N. 47693
Isaksen, O., Nordtvedt, J.E. A new reconstruction algorithm for process tomography 23939
Isaksson, J. *see* Engstrom, F. 39962
Isalski, L. The analysis of the rotary sensor's usability for the measurement of the small expense liquid flow 6854
Isao, A. *see* Aoyama, S. 2360
Isasi, F. *see* Fontan, F.P. 29176
Isawa, K., Kuribara, M. Gain-competition of 2-wavelength amplification using Er^{3+}-doped fiber amplifier 23016
Isbasoiu, E. *see* Guzun, B. 40054
Ise, T., Maruta, A., Masanori, M. Finite element analysis of open-type waveguides with homogeneous cladding by the use of multipole expansion 4211
Ise, T., Matsuhara, M. Analysis of open type waveguides by the combination of finite element method and boundary element method 21365
Ise, T. *see* Nogami, M. 40431
Ise, T. *see* Nogami, M. 40432
Ise, T. *see* Urayama, M. 27409
Iseki, H. *see* Hori, Y. 16765
Iseki, M., Saito, K., Ikematsu, M., Sugiyama, Y., Kuhara, K., Mizukami, A. Electrochemical behavior simulating the synaptic plasticity in the dopant exchange process of p-toluenesulfonate-doped polypyrrole 41499
Isele, B., Russer, P. State variable representation of nonlinear active devices in TLM 1497
Isele, B. *see* Russer, P. 44488
Isele, B. *see* Thomann, W. 1440
Isele, B. *see* Vanselow, M. 12709
Isele, D.F. *see* Fleming, I.R. 7510
Iseler, G.W. *see* Johnson, B. 12383
Isenberg, C. *see* Machetanz, J. 24143
Isenhower, D. *see* Adam, W. 7259
Isenhower, D. *see* Adam, W. 31715

Isenhower, L.D. *see* Kaplan, D.M. 46937
Iseni, G. *see* Cantatore, E. 11630
Isernia, T., Leone, G., Pierri, R. Antenna testing from phaseless measurements: probe compensation and experimental results in the cylindrical case 4263
Ishaque, S. *see* Saqib, N. 33417
Ishchenko, A. *see* Fromzel, V. 20659
Ishi, S. *see* Nakayama, T. 8653
Ishi, Y. *see* Mitsunobu, S. 6996
Ishiba, T. *see* Isomae, S. 10822
Ishibai, Y., Okada, M., Murakami, H., Murasawa, S., Yoshiyama, M. Laser plate printing system using TiO_2 photoreceptor 12493
Ishibashi, A. *see* Ban, Y. 3678
Ishibashi, A. *see* Itoh, S. 3664
Ishibashi, A. *see* Morioka, Y. 16444
Ishibashi, A. *see* Nakayama, N. 20768
Ishibashi, A. *see* Okuyama, H. 33594
Ishibashi, A. *see* Okuyama, H. 43839
Ishibashi, A. *see* Ozawa, M. 42548
Ishibashi, F. *see* Mochizuki, M. 32850
Ishibashi, H. *see* Murakami, T. 40384
Ishibashi, K., Bird, J.P., Stopa, M., Sugano, T., Aoyagi, Y. The transmission properties of quantum dots at high magnetic fields 27534
Ishibashi, K., Komura, T., Ueki, Y., Nakanishi, Y., Matsui, T. Short-term load forecasting using an artificial neural network 24855
Ishibashi, K. *see* Bird, J.P. 42504
Ishibashi, K. *see* Sasaki, K. 26924
Ishibashi, M., Fujimoto, J. Environmental load and structural design for products 19243
Ishibashi, M., Ishikawa, K., Hira, T., Ito, M. Internetworked PBX-computer systems for intelligent building applications 22724
Ishibashi, M., Takamoto, M., Watanabe, N. Accurate measurement of inner contour and discharge coefficient of sonic Venturi nozzles 15252
Ishibashi, N. *see* Imasaka, T. 21017
Ishibashi, N. *see* Shiraishi, K. 35544
Ishibashi, R. *see* Hanaoka, R. 2730
Ishibashi, R. *see* Hanaoka, R. 25498
Ishibashi, S., Fujimoto, H. New videoconferencing systems 22673
Ishibashi, S., Kobayashi, M. FM-C100L: a multimedia communication adaptor for LANs 22672
Ishibashi, S. *see* Hasegawa, T. 26920
Ishibashi, S. *see* Hasegawa, T. 26952
Ishibashi, S. *see* Hashimoto, M. 11704
Ishibashi, T. *see* Ito, H. 2474
Ishibashi, T. *see* Matsuoka, Y. 19770
Ishibashi, T. *see* Nakajima, H. 19789
Ishibashi, T. *see* Yamahata, S. 11154
Ishibashi, Y. Realization of monolithic variable gyrators and their application to active filters 1305
Ishibashi, Y. A third-order low-pass notch RC active filter with a minimum number of equal-valued capacitors 18853
Ishibashi, Y., Maruyama, M., Sakamoto, H. Throughput analysis of transport protocol in an FDDI network 45339
Ishibashi, Y. *see* Mori, T. 23303
Ishibashi, Y. *see* Sakamoto, H. 22719
Ishibashi, Y. *see* Uchida, N. 27994
Ishibe, S. *see* Imai, Y. 24985
Ishibe, S. *see* Imai, Y. 25049
Ishibuchi, K., Takemura, H., Kishino, F. Real time hand shape recognition using pipe-line image processor 4959
Ishida, A., Sakurai, N., Aikawa, K., Fujiyasu, H. PbSrS MQW lasers and the effect of quantum well on operation temperature 43893
Ishida, A., Takashiba, H., Izutu, T., Fujiyasu, H., Bottner, H. PbSrS lasers prepared by hot wall epitaxy 20904
Ishida, A. *see* Hiramatsu, T. 18246
Ishida, A. *see* Mohammadnejad, S. 3636
Ishida, A. *see* Sakakibara, S. 727
Ishida, A. *see* Sakakibara, S. 9519
Ishida, A. *see* Sakurai, N. 26447
Ishida, E., Sigmon, T.W., Weiner, K.H., Frost, M.R. Ultra-shallow boxlike profiles fabricated by pulsed ultraviolet-laser doping process 42624
Ishida, E. *see* Kramer, K.-J. 1882
Ishida, H., Sugimoto, H., Sone, H., Takagi, T. An experiment on the relationship between arc duration and resistance in Ag contacts at low opening speed 10544
Ishida, H. *see* Fujiwara, H. 37562
Ishida, H. *see* Maemura, K. 37875
Ishida, H. *see* Nagata, S. 34271
Ishida, K. An investigation on space-time tradeoff of routing schemes in large computer networks 30508
Ishida, K. *see* Gautam, D.K. 3382
Ishida, K. *see* Kanetake, T. 3089
Ishida, K. *see* Kimura, I. 47250
Ishida, K. *see* Kirihara, T. 20375
Ishida, K. *see* Kirihara, T. 45994
Ishida, K. *see* Nagaoka, M. 42194
Ishida, M., Hongguang Jin A new advanced power-generation system using chemical-looping combustion 39999
Ishida, M., Hori, T., Ohno, M. Suppression control of speed variation in an induction motor with fluctuating load by repetitive learning control 40153
Ishida, M., Kitano, N., Hori, T. Real-time control method for sinusoidal output voltages in series-resonant HF-linked DC-AC converter 8651
Ishida, M., Kubo, T., Hori, T. Characteristics of a new gate drive circuit for high-side N-MOSFET applied to high voltage circuits 8501
Ishida, M. *see* Hayama, K. 41270
Ishida, M. *see* Ishida, Y. 14854
Ishida, M. *see* Jin, H. 47780
Ishida, M. *see* Kaqahito, S. 10105
Ishida, M. *see* Kawahito, S. 35042
Ishida, M. *see* Kawahito, S. 46350
Ishida, M. *see* Sone, K. 27022
Ishida, M. *see* Tsukutani, T. 1306
Ishida, N. *see* Akiyama, Y. 17276
Ishida, O., Tada, Y., Ishii, H. Tuning-current splitting network for three-section DBR lasers 35776
Ishida, O., Tada, Y., Shibata, N., Ishii, H. Fast and stable frequency switching employing a delayed self-duplex (DSD) light source 35884
Ishida, O. *see* Isota, Y. 27042
Ishida, O. *see* Miyazaki, M. 10404
Ishida, O. *see* Norimatsu, S. 38066
Ishida, O. *see* Oh-hashi, H. 1446
Ishida, O. *see* Tada, Y. 6061
Ishida, S., Endo, T., Fujii, H., Tomita, H., Fujimoto, N. Sensorless vector control with quick response for general purpose inverters 17423
Ishida, S. *see* Fukuzawa, S. 18738
Ishida, S. *see* Kuriyama, H. 27467
Ishida, S. *see* Nakajima, K. 27873
Ishida, S. *see* Okamura, H. 31623
Ishida, S. *see* Okuda, S. 46716
Ishida, T., Ikoma, H. Bias dependence of Schottky barrier height in GaAs from internal photoemission and current-voltage characteristics 1929
Ishida, T., Nagao, M., Mizuo, Y., Kosaki, M. Swarming pulsive microdischarge characteristics of internal void specimen and the factors affecting its occurrence 6772
Ishida, T., Sugita, R., Tohma, K. Spacing loss of vacuum-deposited Co-Cr tapes 28380
Ishida, T. *see* Ichinose, M. 20267
Ishida, T. *see* Inoue, K. 20253
Ishida, T. *see* Itagaki, M. 17862
Ishida, T. *see* Kato, H. 7467
Ishida, T. *see* Kobayashi, H. 8752
Ishida, T. *see* Mori, Y. 15572
Ishida, T. *see* Mori, Y. 46829
Ishida, T. *see* Nishibe, Y. 22447
Ishida, T. *see* Ohta, T. 20251
Ishida, T. *see* Taguchi, Y. 1648
Ishida, T. *see* Zizzo, D. 32550
Ishida, Y., Endo, K., Ueda, S., Toide, E., Oka, S., Kondo, M. A spatial optical transmission system for audio-video signal 14603
Ishida, Y., Ishida, M., Gotoh, K., Yoshihara, T., Nakamura, K., Nakagawa, K., Kishikawa, S., Yanabe, J. On the development of mini disc players 14854
Ishida, Y., Mizessyn, F. Sensor diagnosis of process plants by an immune-based model 33443
Ishida, Y. *see* Bando, Y. 10636
Ishida, Y. *see* Endo, K. 17140
Ishida, Y. *see* Mizessyn, F. 9349
Ishide, A. *see* Niimi, K. 39237
Ishido, K., Maniwa, R., Wakashima, K., Itoh, T., Takahashi, H., Tsunoda, T. Development of new surface treatment on SMOBC for high-density SMT; "NEPS-90" 10564
Ishido, Y. *see* Huot, J. 48070
Ishigaki, N. *see* Kaneko, Y. 11455
Ishigaki, R. *see* Akiyama, A. 46503
Ishigaki, R. *see* Seto, T. 31283
Ishigaki, T. *see* Araki, N. 7618
Ishigaki, Y. *see* Kuroi, T. 42864
Ishigaki, Y. *see* Shiomi, T. 41892
Ishigame, A., Takagi, Y., Kawamoto, S., Taniguchi, T., Tanaka, H. Structural control based on genetic algorithm and neural network for electric power systems 24772
Ishigame, A. *see* Kawamoto, S. 24803
Ishigame, J. *see* Matsumura, Y. 17863
Ishigame, M., Fujioka, T., Abe, K. Experimental study on improvement of sound pressure characteristics of piezoelectric back buzzers 7654
Ishigame, M. *see* Matsuo, H. 21674
Ishigame, M. *see* Yamaguchi, R. 15137
Ishigame, Y. *see* Hayakawa, T. 3628
Ishigame, Y. *see* Hayakawa, T. 12239
Ishigami, S., Kawai, Y., Furuya, H., Shingyouji, T. Stress-enhanced diffusion of boron at the interface of a directly bonded silicon wafer 10685
Ishigami, S., Yokoshima, I. Generalized expressions for characterizing a linear multiport circuit coupled with external fields 33852
Ishigami, S. *see* Usami, A. 10765
Ishigami, S. *see* Usami, A. 10767
Ishigami, S.-I., Kawai, Y., Furuya, H., Shingyouji, T., Saitoh, Y. Effect of interstitial oxygen on formation of amorphous SiO_x layer in directly bonded Czochralski silicon wafers 19585
Ishigami, T. *see* Kobayashi, A. 31317
Ishige, K. *see* Koguchi, N. 9667
Ishigohka, T., Ninomiya, A., Komuro, T. Measurement of current distribution in multistrand wire with Hall element 34306
Ishigohka, T., Ninomiya, A., Maruhashi, T. An experiment on LC resonant circuit composed of AC superconducting coil and capacitor 35297
Ishigure, K. *see* Asai, K. 42728
Ishigure, T., Nihei, E., Koike, Y. High-bandwidth (2 GHz·km) low-loss (56 dB/km) GI polymer optical fiber 3050
Ishiguro, E. Constant angle of diffraction-spherical grating monochromator for undulator radiation 7295
Ishiguro, M. *see* Deguchi, H. 30941
Ishihara, A., Asakura, S. Application of oscillation phenomenon in Fe/H_3PO_4-H_2O_2 system to a thermal sensor 14993
Ishihara, A. *see* Ametani, A. 24940
Ishihara, A. *see* Tadokoro, Y. 13468
Ishihara, F. *see* Kamei, T. 28485
Ishihara, F. *see* Suga, T. 36304
Ishihara, H. Plan for optical access network 46009
Ishihara, H., Yamagami, H., Sumiya, T., Okudera, M., Inada, A., Terada, A., Nakamura, T. Contact start/stop characteristics on photolithographic magnetic recording media 35240
Ishihara, H. *see* Shimizu, N. 35179
Ishihara, K., Mita, Y., Iwahori, T., Tanaka, T., Yamaguchi, M., Yamano, Y. Development of advanced load conditioner connectible with photovoltaic cells 16963
Ishihara, K., Yoshii, K., Chihara, K., Masuda, K., Yamashita, K., Shirae, K., Furukawa, T. Path lines in blood flow using high speed digital subtraction echography 15715
Ishihara, K. *see* Kawase, M. 38039
Ishihara, K. *see* Yamaguchi, M. 35245
Ishihara, M. *see* Hirota, T. 6373
Ishihara, M. *see* Kawai, T. 7963
Ishihara, N. *see* Ichino, H. 38037
Ishihara, N. *see* Imai, Y. 6086
Ishihara, R., Kanoh, H., Uchida, Y., Sugiura, O., Matsumura, M. Low-temperature chemical-vapor-deposition of silicon-nitride from tetrasilane and hydrogen azide 9788
Ishihara, S., He, D., Akasaka, T., Araki, Y., Nakata, M., Shimizu, I. Highly textured microcrystalline Si-thin film fabricated by layer-by-layer technique 9695
Ishihara, S., He, D., Shimizu, I. Structure of polycrystalline silicon thin film fabricated from fluorinated precursors by layer-by-layer technique 26502
Ishihara, S. *see* Hayasaki, Y. 20472
Ishihara, S. *see* Hayasaki, Y. 43574
Ishihara, S. *see* Tohyama, I. 11737
Ishihara, S.-I., He, D., Akasaka, T., Araki, Y., Shimizu, I. Fabrication of high quality poly-Si from fluorinated precursors 26484
Ishihara, T., Arimoto, S., Morikawa, H., Kumabe, H., Murotani, T., Mitsui, S. High efficiency thin film silicon solar cells prepared by zone-melting recrystallization 33063
Ishihara, T., Kudo, T., Matsuda, H., Mizuhara, Y., Takita, Y. Electrophoretic deposition of stabilized zirconia for solid oxide fuel cells 17331
Ishihara, T., Murata, K., Sato, M., Kito, N., Hirano, M. New horizontal boat growth method of undoped, semi-insulating GaAs with low dislocation density 41245
Ishihara, T. *see* Kobayashi, M. 20676
Ishihara, T. *see* Kowaka, M. 3414
Ishihara, T. *see* Matsuda, H. 17260
Ishihara, T. *see* Sengupta, U. 3415
Ishihara, Y., Seki, H., Kasami, T., Shimabukuro, J., Okawa, K. A translation method from natural language specifications of communication protocols into algebraic specifications using contextual dependencies 30222
Ishihara, Y. *see* Momose, K. 31936
Ishihata, S. The use of radar and ARPA in restricted area and some problems 6138
Ishii, A. *see* Ito, M. 46202
Ishii, A. *see* Yamamoto, H. 11470
Ishii, A. *see* Yamamoto, H. 43320
Ishii, H., Mochizuki, K., Kishino, F. An image synthesizing method based on human motion recognition from stereo images 4958
Ishii, H., Tanaka, A., Ito, H., Kato, T., Yura, T., Yashima, K. The building-automation and telecommunication systems for administration of the Landmark Tower, Yokohama 37215
Ishii, H., Tohmori, Y., Kano, F., Yoshikuni, Y., Kondo, Y. Multiple-phase-shift super structure grating DBR lasers 20911
Ishii, H., Yoshida, M., Nakaoka, M. Practical performances and evaluations of voltage-fed three phase IGBT inverter with a prototype quasi-resonant DC link 40347
Ishii, H. *see* Hara, T. 24972
Ishii, H. *see* Ishida, O. 35776
Ishii, H. *see* Ishida, O. 35884
Ishii, H. *see* Konma, N. 17112
Ishii, H. *see* Tohmori, Y. 12169
Ishii, H. *see* Yasaka, H. 28997
Ishii, I. *see* Tamada, N. 15249
Ishii, J. *see* Hontsu, S. 2875
Ishii, J. *see* Noguchi, Y. 19009
Ishii, K., Ichino, H., Kobayashi, Y., Yamaguchi, C. Circuit design for a 15-Gb/s Si bipolar decision circuit 10137

Ishii, K., Yamamoto, T., Ohashi, Y., Okubo, N., Shigaki, M. A 50-GHz low-noise amplifier designed using noise parameters from an equivalent circuit 27210

Ishii, K., Yamamoto, T., Shigaki, M., Hongo, H., Iwatsuki, M. An on-board 47-GHz phase-locked oscillator using FET gate bias control for low phase noise 27295

Ishii, K. *see* Hamano, T. 22265

Ishii, K. *see* Hasegawa, K. 3232

Ishii, K. *see* Knoll, D.A. 18948

Ishii, K. *see* Kondoh, Y. 18086

Ishii, K. *see* Maeda, E. 13489

Ishii, K. *see* Minamikawa-Tachino, R. 13644

Ishii, K. *see* Nakanisi, K. 8689

Ishii, K. *see* Sato, A. 31063

Ishii, K. *see* Sato, Y. 13592

Ishii, K. *see* Takahashi, Y. 22164

Ishii, K. *see* Yamato, J. 29459

Ishii, M., Hibino, Y., Sugita, A., Tamamura, T. Surface-relief type Bragg grating reflector fabricated after overcladding removal 3129

Ishii, M., Koyama, H. 100 kV class intercomparison of impulse voltage dividers in Japan 38637

Ishii, M., Meguro, T., Gamo, K., Sugano, T., Aoyagi, Y. Digital etching using KrF excimer laser: approach to atomic-order-controlled etching by photo induced reaction 27718

Ishii, M., Michishita, K., Hongo, Y., Oguma, S. Lightning-induced voltage on an overhead wire dependent on ground conductivity 47544

Ishii, M. *see* Hamada, M. 10152

Ishii, M. *see* Imai, Y. 16315

Ishii, M. *see* Michishita, K. 36267

Ishii, M. *see* Nakashima, K. 19590

Ishii, M. *see* Okamoto, K. 22994

Ishii, M. *see* Sato, H. 9658

Ishii, M. *see* Sato, H. 33726

Ishii, M. *see* Shinoda, M. 28944

Ishii, N., Itoh, K. A consideration of the thin planar antenna with wire-grid model 29343

Ishii, N. *see* Iwahori, Y. 13694

Ishii, N. *see* Iwahori, Y. 13769

Ishii, N. *see* Sato, Y. 48071

Ishii, N. *see* Tanaka, H. 13698

Ishii, O. *see* Michikami, O. 21387

Ishii, O. *see* Senda, M. 43267

Ishii, O. *see* Suzuki, N. 21389

Ishii, R. *see* Miyashita, H. 29386

Ishii, R. *see* Toraichi, K. 13296

Ishii, S. *see* Hoshikuki, A. 5730

Ishii, S. *see* Liu, Y. 7316

Ishii, T., Hoshino, F., Shimotsuji, S., Hori, O. An automatic equipment drawing interpretation using probabilistic relaxation labeling and fuzzy integral 45111

Ishii, T., Iwata, T., Tajima, Y. Cubic phase stabilization and high ion conductivity in ZrO_2-Sc_2O_3-Al_2O_3 system 17330

Ishii, T. *see* Kuboyama, S. 34985

Ishii, T. *see* Okabe, T. 14828

Ishii, T. *see* Shimizu, M. 46668

Ishii, T.K. *see* Natzke, J.R. 21344

Ishii, Y. Advanced thin films 41404

Ishii, Y. *see* Enoki, T. 19041

Ishii, Y. *see* Enoki, T. 43009

Ishii, Y. *see* Gueissaz, F. 19032

Ishii, Y. *see* Hattori, T. 31561

Ishii, Y. *see* Kanemitsuya, K. 25903

Ishii, Y. *see* Kitamura, Y. 6216

Ishii, Y. *see* Takagi, T. 47285

Ishii, Y. *see* Tsuru, T. 48484

Ishii, Y. *see* Yamashita, O. 23828

Ishiji, T., Iizima, T., Takeuchi, T., Matsuda, H., Takahashi, E. Amperometric gas sensor of thin gold film electrode ion-plated on gas permeable membrane for detection of arsine and silane 38738

Ishijima, M. Monitoring of electrocardiograms in bed without utilizing body surface electrodes 15840

Ishijima, M. Fundamentals of the decision of optimum factors in the ECG data compression 31926

Ishijima, M. *see* Shimizu, T. 19167

Ishijima, S. *see* Nishihara, H. 8959

Ishkaev, R.M. *see* Avtueva, S.A. 27398

Ishikawa, C., Suzuki, K., Koyama, N., Yoshida, K., Sugita, Y., Shinagawa, K., Nakatani, Y., Hayashi, N. Simulation of magnetization distribution in magnetoresistive film under a longitudinal bias field 11492

Ishikawa, C., Suzuki, K., Yoshida, K., Sugita, Y., Shinagawa, K., Nakatani, Y., Hayashi, N. Influence of longitudinal bias field on magnetization distribution in magnetoresistive head with shield films 28382

Ishikawa, C. *see* Sugawara, M. 48062

Ishikawa, E. *see* Tsuboi, K. 8366

Ishikawa, F. *see* Higasa, H. 25851

Ishikawa, G. *see* Watanabe, S. 35331

Ishikawa, H., Fujita, I., Kitayama, Y., Osaka, K., Tanaka, S. Optical fiber ribbon containing high strength splices for long span submarine cable 6014

Ishikawa, H., Kobayashi, H. Frequency offset compensation for MPSK differential detection by using double differential encoding 12825

Ishikawa, H., Watanabe, I., Suzaki, T., Tsuji, M., Sugou, S., Makita, K., Taguchi, K. High-sensitivity 10 Gbit/s optical receiver with superlattice APD 5983

Ishikawa, H. *see* Imai, M. 1295

Ishikawa, H. *see* Onishi, M. 38008

Ishikawa, H. *see* Shoji, H. 43837

Ishikawa, J. *see* Akiyama, M. 20275

Ishikawa, J. *see* Gotoh, Y. 19292

Ishikawa, J. *see* Higuchi, K. 29054

Ishikawa, J. *see* Tsuji, H. 15603

Ishikawa, J. *see* Tsuji, H. 46824

Ishikawa, K., Iizuka, T. 1 inch 2M pixels CCD with hyper HAD sensor and camera system for HDTV 31000

Ishikawa, K., Nomura, T., Osawa, H., Takada, K., Okada, N., Hagino, M. Calcination process of $PbTiO_3$ powder prepared by an alkoxide method 35137

Ishikawa, K. *see* Bong-Hwan Oh 7968

Ishikawa, K. *see* Ishibashi, M. 22724

Ishikawa, K. *see* Joachim, H.-O. 11202

Ishikawa, K. *see* Naito, K. 35735

Ishikawa, K. *see* Ohkubo, Y. 6579

Ishikawa, K. *see* Okada, N. 2739

Ishikawa, K. *see* Ueda, M. 24215

Ishikawa, K.Y. *see* Rosenthal, M.S. 41027

Ishikawa, M. Sensor fusion 21842

Ishikawa, M., Fujita, M., Fujita, Y., Umoto, J. Effects of leakage current on coal-fired MHD generators 25719

Ishikawa, M., Morita, A., Takayanagi, N. Massively parallel processing system with an architecture for optoelectronic computing 28549

Ishikawa, M., Morita, M., Hanada, T., Matsuda, Y., Kawaguchi, M. Behavior of BC_2N treated under various temperatures as a negative electrode matrix for rechargeable lithium batteries 48066

Ishikawa, M., Sugitatsu, H., Umoto, J. Shock-wave boundary layer interaction in MHD generator with supersonic flow (Examination of short faults of many loads) 17409

Ishikawa, M., Sugitatsu, H., Umoto, J. Shock-boundary layer interaction in MHD channel with about 10 MW output 25737

Ishikawa, M., Takebe, S., Kumura, F., Inui, Y., Umoto, J. Application of MHD-Brayton cycle to fusion reactors 25367

Ishikawa, M., Umoto, J. Direct-coal-fired MHD-system combined power generation with liquefaction-recovery of CO_2 25296

Ishikawa, M., Umoto, J. Cycle analyses of environmentally attractive oxygen-coal-fired MHD-steam combined system without CO_2 emission 25318

Ishikawa, M. *see* Haginomori, E. 16298

Ishikawa, M. *see* Hatoh, H. 15132

Ishikawa, M. *see* Hayanose, N. 25317

Ishikawa, M. *see* Hirata, J. 31356

Ishikawa, M. *see* Inoue, I. 25715

Ishikawa, M. *see* Inui, Y. 25710

Ishikawa, M. *see* Inui, Y. 25826

Ishikawa, M. *see* Inui, Y. 25837

Ishikawa, M. *see* Itaya, K. 12200

Ishikawa, M. *see* Kirk, A. 28551

Ishikawa, M. *see* Kirk, A. 36042

Ishikawa, M. *see* Kirk, A. 43586

Ishikawa, M. *see* Kirk, A.G. 12466

Ishikawa, M. *see* Matsuo, T. 25709

Ishikawa, M. *see* Matsuo, T. 25780

Ishikawa, M. *see* Mikiko Sode Tanaka 35057

Ishikawa, M. *see* Nishiwaki, S. 17610

Ishikawa, M. *see* Onomura, M. 12234

Ishikawa, M. *see* Sakuta, T. 17110

Ishikawa, M. *see* Takami, T. 48191

Ishikawa, M. *see* Yamagata, Y. 40377

Ishikawa, M. *see* Zaima, E. 25570

Ishikawa, O. *see* Maeda, M. 19076

Ishikawa, O. *see* Maeda, M. 37730

Ishikawa, R. *see* Nemoto, K. 35702

Ishikawa, S., Fukagai, K., Chida, H., Miyazaki, T., Fujii, H., Endo, K. 0.98-1.02 μm strained InGaAs/AlGaAs double quantum-well high-power lasers with GaInP buried waveguides 12186

Ishikawa, S. *see* Kondo, M. 23146

Ishikawa, S. *see* Sanada, M. 25478

Ishikawa, T. Recent trends of cable TV in Japan 38314

Ishikawa, T., Hosogi, K., Katsumata, M., Minami, H., Mitsui, Y. A study on reliability and failure mechanism of T-shaped gate HEMTs 35035

Ishikawa, T., Okaniwa, K., Komaru, M., Kosaki, K., Mitsui, Y. A high-power GaAs FET having buried plated heat sink for high-performance MMIC's 34248

Ishikawa, T. *see* Harada, N. 25827

Ishikawa, T. *see* Hirano, K. 7314

Ishikawa, T. *see* Kawanishi, H. 2283

Ishikawa, T. *see* Lopez, M. 659

Ishikawa, T. *see* Lopez, M. 18144

Ishikawa, T. *see* Lopez, M. 41343

Ishikawa, T. *see* Maeda, M. 46239

Ishikawa, T. *see* Nakayama, J. 20431

Ishikawa, T. *see* Sakakihara, M. 34087

Ishikawa, T. *see* Tanaka, N. 42710

Ishikawa, T. *see* Ueda, K. 26998

Ishikawa, T. *see* Utsumi, T. 25564

Ishikawa, T. *see* Yamagiwa, T. 48022

Ishikawa, T. *see* Yamagiwa, T. 48023

Ishikawa, Y. Alpha-particle dose to the liver and spleen tissues of Japanese Thorotrast patients 24377

Ishikawa, Y., Yamashita, S., Hidaka, S. Noise design of active feedback resonator BEF 42173

Ishikawa, Y. *see* Nishikawa, O. 42380

Ishikawa, Y. *see* Tsuzuku, A. 46184

Ishikura, H. *see* Komiya, H. 17783

Ishikura, Y. *see* Nogami, M. 40424

Ishimaru, A. Backscattering enhancement in random media 12554

Ishimaru, A. *see* Kuga, Y. 21240

Ishimaru, A. *see* Lam, C.M. 4041

Ishimaru, A. *see* Lam, C.M. 44330

Ishimaru, H., Momose, T., Suetsugu, Y., Hirayama, H. Hybrid Cu-Al beam pipe for KEK B factory 7004

Ishimaru, H., Momose, T., Suetsugu, Y., Hirayama, H. Hybrid Cu-Al beam pipe for KEK B factory 15316

Ishimaru, H. *see* Matsuoka, N. 39616

Ishimaru, N. *see* Nishinoiri, K. 48136

Ishimoto, H. *see* Fujita, K. 5573

Ishimoto, K. *see* Kumagai, Y. 19607

Ishimoto, K. *see* Tsurumi, K. 27366

Ishimoto, R. *see* Ohara, H. 25211

Ishimoto, S. *see* Yoshiki, H. 46960

Ishimov, V.M. *see* Anikin, V.I. 21123

Ishimura, E. *see* Nishimura, T. 3633

Ishimura, H. *see* Saito, Y. 19894

Ishimura, M. *see* Harada, N. 25358

Ishimura, M. *see* Ikeda, S. 25354

Ishimura, M. *see* Okamura, T. 25355

Ishimura, M. *see* Yoshikawa, K. 25353

Ishimura, M. *see* Yugami, H. 25357

Ishimura, T. *see* Miyamoto, S. 34050

Ishino, K. *see* Ito, H. 46164

Ishino, K. *see* Nagamune, A. 25214

Ishino, K. *see* Sakakibara, S. 9519

Ishino, M. *see* Sanada, T. 6091

Ishino, M. *see* Takenaka, N. 6240

Ishio, S. *see* Ooike, T. 43259

Ishioka, Y. *see* Yorozuya, T. 40275

Ishita, T. *see* Kuwahara, Y. 21436

Ishitani, A., Lesaicherre, P.-Y., Kamiyama, S., Amdo, K., Watanabe, H. Trends in capacitor dielectrics for DRAMs 18727

Ishitani, H. Introduction—concept of prediction and its limitation in application 33439

Ishitani, H., Baba, Y., Shimizu, H., Natori, K. Performance evaluation of an advanced EV, IZA, by a simulation evaluation model 48228

Ishitani, H. *see* Kaya, Y. 48223

Ishitani, H. *see* Matsuhashi, R. 24853

Ishitani, H. *see* Shimizu, H. 48224

Ishitani, T. *see* Kubota, S. 4443

Ishiura, N. Synthesis of multilevel logic circuits from binary decision diagrams 18640

Ishiura, N. *see* Choi, H. 1139

Ishiura, N. *see* Choi, H. 18618

Ishiura, N. *see* Higuchi, H. 18644

Ishiura, N. *see* Takahashi, N. 41851

Ishiwa, N., Okazaki, H. Development of an enhanced private network planning expert system PRINCESS 13950

Ishiwara, H. Growth and device applications of epitaxial insulators on semiconductors 18193

Ishiwara, H. *see* Hayashi, T. 33719

Ishiwata, N. *see* Okumura, T. 20146

Ishiwata, S., Nishihara, A., Fujii, N. II-cascade wave digital filters that have zero sensitivity at each matching point and realize arbitrary transfer functions 27069

Ishiwatari, H. A new measuring method for absorption losses in an infrared optical fiber 31494

Ishiyama, A. *see* Tsuda, M. 24973

Ishiyama, H., Kasahara, H., Kodama, K., Xu, F. Noninvasive method for measurement of the circulatory parameters by analysing radial pulse waveform based on the electric circuit arterial model 15698

Ishiyama, K. *see* Hayashi, Y. 43331

Ishiyama, Y. *see* Toraichi, K. 15871

Ishizaka, C. *see* Fukuno, A. 11460

Ishizaka, K., Nagasawa, T. Advanced components provide digital benefits to professional camcorder users 38354

Ishizaka, K. *see* Itoh, R. 8500

Ishizaka, K. *see* Itoh, R. 18480

Ishizaka, K. *see* Itoh, R. 39542

Ishizaka, K. *see* Itoh, R. 40343

Ishizaka, M. *see* Koui, Y. 22638

Ishizaki, A., Tanaka, T., Takasaki, K., Nishikata, S., Watanabe, K., Katagiri, A. Theory and torque characteristics of PM Vernier motor 25404

Ishizaki, A. *see* Nishikata, S. 16815

Ishizaki, C., Ikuta, Y., Hirano, K., Takesue, H., Okuda, T. Advanced evaluation technologies for CFC substitutes 19228

Ishizaki, H. *see* Kanno, T. 31273

Ishizaki, J. *see* Goto, S. 41316

Ishizaki, K., Hodge, E., Concannon, M. *(editors)* Gas Pressure Effects on Materials Processing and Design Symposium 26021

Ishizaki, T., Ikeda, H., Yoshikawa, Y., Uwano, T. Analysis of phase characteristics on a GaAs FET power amplifier for digital cellular portable telephones 22864

Ishizaki, T. *see* Uwano, T. 18523
Ishizawa, M. *see* Koyashiki, T. 17322
Ishizawa, S. *see* Hagino, H. 33870
Ishizeki, M. *see* Chen, L. 16258
Ishizeki, M. *see* Iskandar, M.A. 24749
Ishizu, A. *see* Tokai, M. 23318
Ishizu, K. *see* Matsuyama, K. 43294
Ishizuka, H. *see* Kawasaki, S. 44000
Ishizuka, H. *see* Sakamoto, K. 20930
Ishizuka, H. *see* Sakamoto, K. 43982
Ishizuka, K. Analysis of electron image detection efficiency of slow-scan CCD cameras 46491
Ishizuka, K. *see* Chen, J. 44150
Ishizuka, K. *see* Jun Chen 21099
Ishizuka, K. *see* Kawasaki, S. 2805
Ishizuka, M. *see* Tamura, N. 46889
Ishizuka, M. *see* Xu, X. 1171
Ishizuka, S. *see* Sato, K. 14825
Ishizuka, Y. *see* Kinugasa, N. 38341
Ishmuratov, G.V. *see* Muminov, R.A. 46948
Isizuka, T. *see* Tsutsumi, Y. 25674
Iskandar, A. *see* Dagen, A.J. 37808
Iskandar, M.A., Satoh, M., Ohmori, Y., Matoba, S., Okabe, T., Mizutani, Y. On fuzzy control based static VAr compensator for power system stability control 24773
Iskandar, M.A., Satoh, M., Suzuki, A., Ishizeki, M., Mizutani, Y. Hybrid type stability control method based on combination of conventional PSS and fuzzy control 24749
Iskander, M.F. Computer-based electromagnetic education 17750
Iskander, M.F., Reed, T. Interactive video lessons for electromagnetic education 40830
Iskander, M.F. *see* Cherry, P.C. 24332
Iskander, M.F. *see* Beatty, R.L. *(editor)* 26052
Iskhakov, A.S., Obukhov, S.G., Ushakov, A.V., Dedkov, N.V. The new control methods of converters systems 16990
Iskhakov, A.S., Obukhov, S.G., Ushakov, A.V., Dedkov, N.V., Faleev, S.P. Modelling of the power supply with change of external characteristics 9021
Is'kiv, E.P., Marigodov, V.K. Contraction of the frequency band of signals by optimisation of their correlation function 45023
Iskrenovic, P.S., Mitic, D.B. Assortment of optimal conditions for running the impulse diode thermometer 38474
Islam, A.S., Craig, K. Damage detection and mitigation of composite structures using smart materials 33777
Islam, F. *see* Fernando, S. 16429
Islam, F.F., Tamaru, K. An architecture for high speed array multiplier 1180
Islam, F.F., Tamaru, K. Design of a multiplier-accumulator for high speed image filtering 22271
Islam, K.I. *see* Embabi, S.H.K. 1298
Islam, M.Fakhrul *see* Fakhrul Islam, M.
Islam, M.N., Mihailidi, M., Soccolich, C.E., deSouza, E.A., Pleibel, W., Stolen, R.H., Simpson, J.R., DiGiovanni, D.J. Soliton dragging in discrete and distributed amplifiers 12352
Islam, M.N. *see* Sauer, J.R. 43587
Islam, S. *see* Suhara, M. 43903
Islamova, V.I., Yuldashev, A.K., Sultanov, S., Kudratillaev, A.S. Influence of solar radiation on the operation of the nonlinear resistors on OPN-110 voltage limiters 39669
Isle, B. *see* Agrawal, M. 14120
Isle, B. *see* Metz, S. 15927
Isles, J. Distributing a message [telecommunication via power networks] 14370
Isles, J. FGD units startup at Drax 47764
Ismail, A. Robust load frequency control 24763
Ismail, F., Wahsh, S., Mohamed, A., Elsimary, H. Optimal control of variable reluctance motor by neural network 17491
Ismail, F., Wahsh, S., Mohamed, A., Esimary, H. Neural network application to an optimal control of a variable reluctance motor 25406
Ismail, I. *see* Mannan, S.H. 1738
Ismail, K.S., Alwash, J.H.H., Saalih, M.T. A new three phase 3-speed phase modulated induction motor 8841
Ismail, Y. *see* Ki-Soo Kim 15055
Ismailov, Y. *see* Popescu, A. 14223
Isnard, J.-P. *see* Simeon, E. 47553
Iso, K. *see* Shinoda, K. 44788
Iso, O. *see* Makino, M. 48287
Iso, T., Shizawa, M. Detecting L-, T-, and X-junctions from low-order image derivatives 30095
Isoabo, J. *see* Nummela, A. 18787
Isobe, A. *see* Iwata, Y. 7312
Isobe, M. Planetary geared motors, reducers enjoy strong demand 40504
Isobe, S. *see* Ohmori, S. 37949
Isobe, T. *see* Kanki, T. 28370
Isobe, T. *see* Yamada, O. 6173
Isoda, H. Human factors programs in Japan: overview and status 39727
Isoda, H. Factors to consider in the introduction of foreign technologies 39742
Isoda, M. *see* Kawajiri, K. 23583
Isogai, H. *see* Jitsuhara, S. 40056
Isogai, M. *see* Shikatani, M. 6037
Isokawa, T. *see* Nomoto, T. 31319
Isomae, S., Ishiba, T., Ando, T., Tamura, M. Annealing behavior of MeV implanted carbon in silicon 10822
Isomae, S. *see* Ando, T. 1920
Isomae, S. *see* Tamura, M. 1911
Isomoto, K., Wakabayashi, S., Yoshida, N., Miyao, J. A parallel algorithm for K-way graph partitioning [VLSI layout design] 19932
Isomura, K., Okamura, S., Suganami, J. Isolation management support system for Advanced Thermal Reactor 'FUGEN' 25174
Isomura, M., Hishikawa, Y., Kinoshita, T., Okamoto, S., Sasaki, M., Takahama, T., Matsuyama, T., Tsuda, S. Correlation between material properties and photovoltaic performance in amorphous silicon solar cells 40463
Isomura, M. *see* Matsuyama, T. 40462
Isomura, S. *see* Gupta, A. 33685
Isomura, S. *see* Sakata, H. 11186
Isomura, S. *see* Sakata, H. 16945
Ison, K. Medical physics and medical engineering in the UK 31820
Isono, H., Yasuda, M., Sasazawa, H. Autostereoscopic 3-D display using LCD-generated parallax barrier 38614
Isono, H., Yasuda, M., Takemori, D., Kanayama, H., Yamada, C., Chiba, K. Autostereoscopic 3D television 46214
Isono, H. *see* Kuboyama, Y. 42348
Isono, H. *see* Motoki, T. 46196
Isono, T. *see* Koizumi, N. 20227
Isono, T. *see* Tsuji, H. 28422
Isono, Y. *see* Tamaki, Y. 5879
Isota, Y., Miyazaki, M., Ishida, O. Broadband cylindrical-cavity directional filter 27042
Isoyama, A. *see* Hayakawa, T. 3628
Isoyama, A. *see* Hayakawa, T. 12239
Isoyama, G. *see* Hama, H. 43969
Isoyama, G. *see* Kanaya, N. 15318
Isoyama, G. *see* Tamura, K. 23979
Isozaki, H. *see* Anazawa, Y. 25876
Ispasoiu, R.G. *see* Fox, A.M. 10690
Ispirian, K.A., Ispirian, R.K., Margarian, A.T. X-ray transition radiation detectors (XTRD) for e/π and $\pi/K/p$ identification in TeV energy region 15631
Ispirian, R.K. *see* Ispirian, K.A. 15631
Ispirov, G.T., Mazmanishvili, A.S., Ostrovskii, A.I., Cherevan', Yu.A., Babina, N.I. Calculation of losses at joints between optical single-mode fibres 28471
Ispiryan, K.A., Ispiryan, M.K., Ispiryan, R.K. 'Production of beams of polarized nuclei and photons in ion-electron and ion-laser-photon collisions 23992
Ispiryan, M.K. *see* Ispiryan, K.A. 23992
Ispiryan, R.K. *see* Ispiryan, K.A. 23992
Israel, P., Koutsougeras, C. A hybrid electro-optical architecture for classification trees and associative memory mechanisms 28515
Israel, P.L. *see* Hill, E.K. 9829
Israeli, A. *see* Dolev, S. 14110
Israeli, M. *see* Aharoni, G. 22113
Israeli, M. *see* Lifshitz, Y. 33334
Israelski, E.W. *see* Angiolillo, J.S. 22471
Israelyan, V.G. *see* Schroter, S. 38540
Issa, A.A., Ghassemlooy, Z., Ray, A.K. Noise performance of the pulse slope modulation system 21485
Issa Sukhel' *see* Petrenko, Yu.N. 8353
Issaq, F. *see* Chen, J. 18697
Issartel, J.P. *see* Near, C.D. 18312
Isshiki, H., Aoyagi, Y., Sugano, T., Iwai, S., Meguro, T. Crystallographic selective growth of GaAs by atomic layer epitaxy 720
Isshiki, H., Yamamoto, Y. Control system for drowsiness using electrodermal activities and fuzzy inference 15853
Isshiki, T., Nishio, K., Saijo, H., Shiojiri, M. Optical diffractometry of a picture appearing on liquid crystal TV and its application to high-resolution transmission electron microscopy 19317
Isshiki, T., Takeuchi, Y., Kunieda, H. Systematic architecture design for highly parallel image processing array 13544
Issinsky, I.B., Kirillov, A.D., Kovalenko, A.D., Rukoyatkin, P.A. Beams of the Dubna Synchrophasotron and Nuclotron 46804
Issler, H. *see* Grohs, J. 3803
Issogna, P., Savit, G., Chau, D., Gallo, M., Kumar, M., Valentino, P. *L*-band high power transmit/receive module for electronically scanned cylindrical array radar 6125
Issouribehere, P.E. *see* Pellizoni, R. 7881
Istefanopulos, Y. *see* Yemez, Y. 13628
Istomin, M.I. *see* Vol'pov, A.L. 14919
Isu, T. *see* Gotoda, M. 41334
Isu, T. *see* Imaizumi, M. 11873
Isu, T. *see* Imaizumi, M. 20892
Isu, T. *see* Imaizumi, M. 41368
Isu, T. *see* Morishita, Y. 41271
Isu, T. *see* Ohtsuka, K. 10886
Isu, T. *see* Sugimoto, H. 19554
Isumi, H. *see* Nakahara, H. 31838
Isumi, K. Application of polymeric insulating materials for outdoor electric power apparatus 39624
Isupov, V.A. New applications of ferroelectrics and antiferroelectrics for voltage frequency conversion 10377
Itabashi, N. *see* Mochiji, K. 27717
Itabe, T. Optical technology development in CRL: new eyes to observe space and terrestrial 47261
Itagaki, K. Two-pronged trends shape RISC processor development 10208
Itagaki, M., Miura, K., Hakotani, Y., Yuhaku, S., Bessho, Y., Nakatani, S., Tsukamoto, M., Ishida, T., Nishikawa, H. Zero X-Y shrinkage multilayered ceramic substrate 17862
Itagaki, M., Miyoshi, Y., Gakuhari, K., Okada, N. Measurement of xenon reactivity in the reactor of the nuclear ship 'MUTSU' 8934
Itahashi, S., Sone, M., Mitsui, H. Effect of temperature on agglomeration of dissolved water in liquid insulator 43190
Itahasi, T. H^- acceleration by the RCNP AVF cyclotron and several limiting problems 15606
Itai, Y. *see* Umetani, K. 7385
Itakura, K., Nobusada, T., Toyoda, Y., Saitoh, Y., Kokusenya, N., Nagayoshi, R., Ozaki, M. A multiple frame-interline-transfer (M-FIT) CCD for progressive-scan camera systems 38565
Itakura, S. *see* Nakamura, S. 32356
Itakura, T. *see* Matsushima, A. 4199
Itakura, T. *see* Okumura, M. 18456
Itakura, T. *see* Shimoda, M. 4057
Itakura, Y. *see* Inaba, H. 15253
Itami, M. *see* Itoh, K. 5788
Itani, T., Itoh, K., Kasama, K. Dissolution kinetics of chemically amplified resists 11083
Itano, A. *see* Kanazawa, M. 6908
Itano, A. *see* Kanazawa, M. 15457
Itano, A. *see* Katayama, T. 15317
Itano, M., Kern, F.W., Jr., Miyashita, M., Ohmi, T. Particle removal from silicon wafer surface in wet cleaning process 10922
Itao, K. *see* Ukita, H. 20581
Itaya, K., Hatakoshi, G., Ishikawa, M., Nishikawa, Y., Saito, S., Okajima, M. Remarkable improvement in the temperature characteristics of GaAs lasers using an InGaAlP cladding layer 12200
Itaya, K. *see* Hatakoshi, G. 20867
Itaya, K. *see* Suzuki, M. 18181
Itaya, K. *see* Suzuki, M. 41318
Itaya, U. *see* Akahori, Y. 35640
Itazaki, N. *see* Rubio, A. 34007
Itazaki, N. *see* Wen Xiaoqing 11280
Itemadani, E. *see* Ohtsuki, T. 26157
Ito, A., Kato, N., Ikezawa, S., Kida, K. Development of large diameter plasma source by whistler wave in the VHF band 18258
Ito, A. *see* Okubo, K. 43052
Ito, A. *see* Shiraki, H. 34731
Ito, A. *see* Usami, A. 10767
Ito, F., Kitayama, K. A novel interferometric parallel detection for optical cells using a multi-frequency local light 31241
Ito, H. Response to 'comment on 'generalised study on angular dependence of induced second-order nonlinear optical polarizations and phase matching in biaxial crystals'' [J. Appl. Phys. 74, 5916 (1993)] 20988
Ito, H. Vision system chip mounter 42322
Ito, H. Defect-tolerant design for WSI network wirings and its application to hypercubes 43083
Ito, H., England, W.P., Clecak, N.J., Breyta, G., Lee, H., Yoon, D.Y., Sooriyakumaran, R., Hinsberg, W.D. Molecular design for stabilization of chemical amplification resist toward airborne contamination 11051
Ito, H., Harris, J.S., Jr. Lattice-mismatched InGaAs double heterojunction bipolar transistors grown on GaAs substrates 11165
Ito, H., Hashimoto, Y., Ishino, K., Shiramizu, K., Kojima, H., Shimizu, Y. Investigation on oblique incident characteristics of ferrite absorbing panels for TV ghost suppression 46164
Ito, H., Hosoya, E. A WSI hypercube design using shift channels 28234
Ito, H., Kajita, N., Hanai, M., Hashimoto, Y., Tanaka, N. Quarter-micron contact hole filling by ionized beam deposition 42757
Ito, H., Mosekilde, E., Ueda, Y. Bifurcation in a forced self-oscillatory system with spatial degrees of freedom 10448
Ito, H., Nakajima, O., Nagata, K., Makimura, T., Ishibashi, T. Extrinsic base surface recombination current in surface-passivated InGaP/GaAs heterojunction bipolar transistors 2474
Ito, H. *see* Endo, M. 35666
Ito, H. *see* Hatano, Y. 6217
Ito, H. *see* Hinsberg, W.D. 11049
Ito, H. *see* Iijima, T. 25485
Ito, H. *see* Ishii, H. 37215
Ito, H. *see* Kawai, M. 8958
Ito, H. *see* Muto, S. 44127
Ito, H. *see* Nagaya, K. 8205
Ito, H. *see* Nakagawa, Y. 11639
Ito, J. *see* Himeno, T. 14856
Ito, J. *see* Yasukawa, S. 48243
Ito, K. Ranging and positioning experiments for an aircraft using a geostationary satellite—the effect of a flight route and orbit elements 14738
Ito, K. Cogeneration: a key technology for energy saving 16674
Ito, K., Matsuura, T., Mashimo, Y., Sakamoto, S., Hagiwara, S., Sato, H., Nakazawa, K. Application of the amorphous metals to distribution

transformers and evaluation of long-term performance of said material 25502
Ito, K., Minagawa, T., Ogura, T., Kawachi, Y., Katsumata, K. APEX7700 IMS service functions 14345
Ito, K., Tsuji, T., Kato, A., Ito, M. EMG pattern classification for a prosthetic forearm with three degrees of freedom 7478
Ito, K., Wu, M.-S., Sekikawa, H., Hasuno, S. Characteristics of curtain antennas for HF broadcasting 46185
Ito, K. *see* Arai, A. 25003
Ito, K. *see* Banks, H.T. 11398
Ito, K. *see* Furukawa, Y. 21073
Ito, K. *see* Himdi, M. 29390
Ito, K. *see* Ichikawa, Y. 25333
Ito, K. *see* Ida, I. 36388
Ito, K. *see* Kato, T. 3053
Ito, K. *see* Matsumoto, Y. 47818
Ito, K. *see* Miura, Y. 15241
Ito, K. *see* Murakami, K. 33130
Ito, K. *see* Takahashi, T. 21280
Ito, K. *see* Terauchi, M. 13723
Ito, K. *see* Tsuji, T. 15870
Ito, K. *see* Yamasaki, S. 40576
Ito, K. *see* Yokomizu, Y. 11553
Ito, K. *see* Yokomizu, Y. 16464
Ito, K. *see* Yokoyama, R. 47775
Ito, M., Ishii, A. A non-iterative procedure for rapid and precise camera calibration 46202
Ito, M. *see* Grajew, G. 37613
Ito, M. *see* Ichinose, M. 20267
Ito, M. *see* Ide, K. 8313
Ito, M. *see* Ishibashi, M. 22724
Ito, M. *see* Ito, K. 7478
Ito, M. *see* Ito, S. 45047
Ito, M. *see* Miyauchi, K. 29425
Ito, M. *see* Mochizuki, T. 38966
Ito, M. *see* Nakajima, K. 23824
Ito, M. *see* Pham, T.H. 16785
Ito, M. *see* Seya, E. 31426
Ito, M. *see* Watanabe, E. 34181
Ito, M.R. *see* McFee, J.E. 7692
Ito, M.R. *see* Mason, S.G. 45002
Ito, M.R. *see* Neufeld, G.W. 5472
Ito, N., Baba, M., Matsuyama, S., Matsuyama, I., Hirakawa, N. Large solid angle spectrometer for the measurements of differential (n, charged-particle) cross sections 31797
Ito, N., Saito, A., Kimura, J., Kuriyama, T. Development of biosensor based on semiconductor technology 23740
Ito, R. *see* Fujita, K. 690
Ito, R. *see* Miyoshi, S. 18167
Ito, R. *see* Nagahara, M. 41314
Ito, R. *see* Shiraki, Y. 19399
Ito, R. *see* Takahashi, Y. 19389
Ito, R. *see* Wu, J. 11644
Ito, R. *see* Wu, J. 20362
Ito, S. A proposal for a personal communication system architecture 37799
Ito, S., Fujiki, S., Oura, T., Fujisawa, N. Development of the automatic electrical testing system for high density PWB 19230
Ito, S., Imaie, K., Nakata, K., Ueda, S., Nakamura, K. A series of PWM methods of a multiple inverter for adjustable frequency drive 16985
Ito, S., Kawase, Y., Tatsuoka, S. 3-D finite element analysis of magnetic blowout forces on the arc in molded case circuit breakers 17127
Ito, S., Kremer, F., Aust, E., Knoll, W. Guided optical waves in a ferroelectric liquid crystal layer 35504
Ito, S., Nakata, K., Ueda, S., Nakamura, K. Harmonic injection PWM of multiple inverter for ripple torque reduction 25536
Ito, S., Yuasa, H., Ito, M. A pictorial pattern recognition based on an associative memory by use of the reaction-diffusion equation 45047
Ito, S. *see* Hasegawa, T. 39469
Ito, S. *see* Hashimoto, Y. 7701
Ito, S. *see* Hotta, K. 20612
Ito, S. *see* Imaie, K. 8947
Ito, S. *see* Inoguchi, K. 43865
Ito, S. *see* Kawase, Y. 36123
Ito, T. Shape from local shading and contour 13594
Ito, T. A power brick based on GTO thyristors 47973
Ito, T., Azuma, H., Noda, S. Stress measurements in silicon substrates with $TiSi_2$ patterns using Raman microprobe 27603
Ito, T., Fujino, Y., Fujita, M. Fundamental experiment of a rectenna array for microwave power reception 32382
Ito, T., Ohta, T., Motoi, K., Arakaki, O., Hiraki, A. Light-emitting nm-size silicon using electrochemical anodization and oxidation 19569
Ito, T., Sakata, M., Endo, A., Jinbo, H., Ashida, I. Poly(siloxane)-based chemically amplified resist convertible into silicate glass 27879
Ito, T. *see* Abe, S. 17525
Ito, T. *see* Aoyama, T. 19829
Ito, T. *see* Hayashi, Y. 30813
Ito, T. *see* Himeno, A. 45728
Ito, T. *see* Igarashi, Y. 42760
Ito, T. *see* Morijiri, M. 2834
Ito, T. *see* Murakami, K. 32929
Ito, T. *see* Nagamura, T. 11557
Ito, T. *see* Nakanishi, Y. 3348
Ito, T. *see* Sakai, T. 17311
Ito, T. *see* Sanada, M. 43106
Ito, T. *see* Sato, A. 18721
Ito, T. *see* Watanabe, S. 34716
Ito, T. *see* Yabe, T. 3916
Ito, Y., Akita, K., Shimizu, N., Kawabata, H. APEX7700 fast packet switching system 14344
Ito, Y., Iwata, M., Kawauchi, S. Digital control of three-phase PWM inverters for UPSs using dead-beat observer 8629
Ito, Y. *see* Anazawa, Y. 25876
Ito, Y. *see* Araki, N. 37947
Ito, Y. *see* Furuhashi, T. 8499
Ito, Y. *see* Hamazumi, H. 46182
Ito, Y. *see* Kanno, T. 31273
Ito, Y. *see* Kawakami, Y. 26451
Ito, Y. *see* Miyauchi, K. 29425
Ito, Y. *see* Ogawa, T. 45400
Ito, Y. *see* Shinonaga, H. 14537
Itoh, A. *see* Hara, T. 16319
Itoh, F., Azuma, J., Haraichi, S., Shimase, A. Focused ion beam assisted etching of aluminum 19613
Itoh, H. Magneto-optical recording system 35315
Itoh, H., Matsumura, T., Satoh, K., Nakao, Y., Tagashira, H. Synergetic behaviour in dielectric gas mixtures containing SF_6 2709
Itoh, H., Mukai, S., Yajima, H. Interconnection architecture based on beam-steering devices 37686
Itoh, H., Mukai, S., Yajima, H. Optoelectronic fuzzy inference system based on beam-scanning architecture 43575
Itoh, H., Takeyama, Y., Ikeda, M., Satoh, K., Nakao, Y., Tagashira, H. Spectroscopic and image intensified investigations of RF plasmas in H_2 and CH_4 mixtures 46487
Itoh, H., Watanabe, M., Mukai, S., Yajima, H. Optoelectronic fuzzy logic inference system using beam scanning laser diodes 11793
Itoh, H., Watanabe, M., Mukai, S., Yajima, H., Takahashi, T. Self-routing optical bus and optical link using beam scanning laser diodes 5968
Itoh, H., Watanabe, M., Mukai, S., Yajima, H., Takahashi, T. Arithmetic logic unit based on the beam scanning logic architecture 11743
Itoh, H. *see* Asobe, M. 12350
Itoh, H. *see* Matsuo, H. 23072
Itoh, H. *see* Matsuoka, H. 23736
Itoh, H. *see* Miwada, K. 23721
Itoh, H. *see* Mori, M. 17342
Itoh, H. *see* Nakao, Y. 11336
Itoh, H. *see* Nakayama, Y. 2322
Itoh, H. *see* Sohda, Y. 28000
Itoh, H. *see* Yoshikawa, M. 19454
Itoh, I., Ohki, S. Mass flowmeter detecting fluctuations in lift generated by vortex shedding 6382
Itoh, J., Ebihara, T., Kubota, Y., Takahashi, A. Simulation of tape floating behavior in VTR 23344
Itoh, J. *see* Monta, K. 39760
Itoh, K., Hirokawa, T., Sato, H. Phoneme power control for speech synthesis 21687
Itoh, K., Itami, M., Komiya, K., Sowa, Y., Yamada, K. Asynchronous multiple access performances of frequency-time-hopped multi-level frequency-time shift keying communication systems 5788
Itoh, K., Miura, K., Masuda, I., Iwakura, M., Yamashita, T. Low-loss fluorozirco-aluminate glass fiber 20329
Itoh, K., Shimamura, T., Yashima, H., Suzuki, J. IIR adaptive equalizer using all-pole prefilter 27059
Itoh, K., Tagawa, I., Nakamura, Y. Analysis of overwrite mechanism in magnetic recording 20158
Itoh, K. *see* Chuen-Huei Yang 28698
Itoh, K. *see* Hirokawa, T. 21694
Itoh, K. *see* Horiguchi, M. 28261
Itoh, K. *see* Imafuji, O. 12180
Itoh, K. *see* Imai, Y. 25028
Itoh, K. *see* Inoue, T. 13533
Itoh, K. *see* Ishii, N. 29343
Itoh, K. *see* Itani, T. 11083
Itoh, K. *see* Makino, M. 48287
Itoh, K. *see* Nagai, H. 20694
Itoh, K. *see* Ogawa, Y. 29345
Itoh, K. *see* Ohya, A. 32127
Itoh, K. *see* Park, C. 29495
Itoh, K. *see* Suzuki, N. 21389
Itoh, K. *see* Tanaka, H. 1237
Itoh, K. *see* Uyeda, K. 25390
Itoh, K. *see* Yamashita, O. 23828
Itoh, K.M., Hansen, W.L., Beeman, J.W., Haller, E.E., Farmer, J.W., Ozhogin, V.I. Low temperature hopping conduction in neutron transmutation doped isotopically enriched ^{70}Ge:Ga single crystals 19322
Itoh, K.M. *see* Knowlton, W.B. 19422
Itoh, M. Behavior of solutions related to an accuracy $\exp(-1/\varepsilon)$ 611
Itoh, M., Koyama, K., Nakamura, Y., Iyanagi, Y. Multiplex wiring system 14328
Itoh, M., Saku, T., Fujisawa, T., Hirayama, Y., Tarucha, S. Transport properties of modulation-doped structures grown by molecular beam epitaxy after focused ion beam implantation 42478
Itoh, M. *see* Kishimoto, T. 28962
Itoh, M. *see* Kunieda, H. 15683
Itoh, M. *see* Mitsui, S. 27857
Itoh, M. *see* Moel, A. 27861
Itoh, M. *see* Mori, S. 2825
Itoh, M. *see* Murakami, Y. 20416
Itoh, M. *see* Ohno, E. 42927
Itoh, M. *see* Okumura, T. 45544
Itoh, N., Yoshino, C., Matsuda, S., Tusboi, Y., Inou, K., Katsumata, Y., Iwai, H. Optimization of shallow and deep trench isolation structures for ultra-high-speed bipolar LSIs 11298
Itoh, N. *see* Iinuma, T. 11297
Itoh, N. *see* Inou, K. 11299
Itoh, N. *see* Kowaka, M. 3414
Itoh, N. *see* Yamashita, A. 35045
Itoh, R., Ishizaka, K. Three-phase step-up/down current-source rectifier with sinusoidal supply currents 8500
Itoh, R., Ishizaka, K. Single-phase step-up/down current-source rectifier with suppressed resonance 18480
Itoh, R., Ishizaka, K. Simulation of adaptively controlled three-phase PWM current-source rectifier 40343
Itoh, R., Ishizaka, K., Okada, H., Irie, F. Simulation of power line stabilization using module type SMES system 39542
Itoh, S., Matsuda, I., Utsunomiya, T. Adaptive transform coding of images based on variable-shape-blocks 13806
Itoh, S., Nakayama, N., Ohata, T., Ozawa, M., Okuyama, H., Nakano, K., Ishibashi, A., Ikeda, M., Mori, Y. 491-nm ZnCdSe/ZnSe/ZnMgSSe SCH laser diode with a low operating voltage 3664
Itoh, S., Watanabe, T., Ohtsu, K., Yokoyama, M., Taniguchi, M. Investigation of cathodoluminescent display device with field emission cathodes 6688
Itoh, S. *see* Akiyama, A. 46503
Itoh, S. *see* Chen, J. 22059
Itoh, S. *see* Chen, J. 22061
Itoh, S. *see* Chen, J. 31933
Itoh, S. *see* Ikeda, S. 25354
Itoh, S. *see* Kawamura, K. 25321
Itoh, S. *see* Matsuda, I. 45237
Itoh, S. *see* Nakayama, N. 20768
Itoh, S. *see* Okuyama, H. 43839
Itoh, S. *see* Seto, T. 31283
Itoh, S. *see* Ueno, I. 13490
Itoh, T., Kakimoto, T. On the knowledge complexity of Arthur-Merlin games 36575
Itoh, T., Kawakubo, A. On the knowledge tightness of zero-knowledge proofs 36574
Itoh, T., Masuda, S., Gomi, F. Electrostatic orientation of ceramic short fibers in liquid 44224
Itoh, T., Sakurai, K. On the complexity of constant round ZKIP of possession of knowledge 12884
Itoh, T., Sakurai, K., Shizuya, H. Any language in IP has a divertible ZKIP 12889
Itoh, T., Suga, T. Force sensing microcantilever using sputtered zinc oxide thin film 23519
Itoh, T., Suga, T. Piezoelectric sensor for detecting force gradients in atomic force microscopy 31191
Itoh, T., Suga, T. Development of a force sensor for atomic force microscopy using piezoelectric thin films 38465
Itoh, T., Tashiro, S., Igarashi, H. Fabrication of multilayer barrier layer capacitors with semiconducting $(Ba, Sr)TiO_3$ ceramics 10532
Itoh, T. *see* Ando, Y. 10461
Itoh, T. *see* Boric-Lubecke, O. 27239
Itoh, T. *see* Hasegawa, H. 1516
Itoh, T. *see* Huang, T.-W. 1616
Itoh, T. *see* Huang, T.-W. 21328
Itoh, T. *see* Huang, T.-W. 27199
Itoh, T. *see* Huang, T.-W. 42182
Itoh, T. *see* Ishido, K. 10564
Itoh, T. *see* Kato, K. 31469
Itoh, T. *see* Kawasaki, S. 29358
Itoh, T. *see* Kawasaki, S. 36438
Itoh, T. *see* Koga, K. 27895
Itoh, T. *see* Lin, J. 4320
Itoh, T. *see* Lin, J. 29380
Itoh, T. *see* Liu, Y. 1393
Itoh, T. *see* Liu, Y. 1461
Itoh, T. *see* Liu, Y. 10393
Itoh, T. *see* Niu, D.-C. 1462
Itoh, T. *see* Niu, D.-C. 42172
Itoh, T. *see* Nogi, S. 36437
Itoh, T. *see* Sakurai, K. 12927
Itoh, T. *see* Sakurai, K. 12953
Itoh, T. *see* Sakurai, K. 21568
Itoh, T. *see* Sakurai, K. 36572
Itoh, T. *see* Shizuya, H. 36573
Itoh, T. *see* Shizuya, H. 36576
Itoh, T. *see* Suzuki, K. 28127
Itoh, T. *see* Toland, B. 1562
Itoh, T. *see* Toland, B. 4173
Itoh, T. *see* Toland, B. 21304
Itoh, T. *see* Toland, B. 21375
Itoh, T. *see* Tran, A.M. 4193
Itoh, T. *see* Tran, A.M. 21352
Itoh, T. *see* Tran, A.M. 29248
Itoh, T. *see* Uchida, T. 48065
Itoh, W. *see* Miyasaka, M. 42913

Itoh, Y., Enami, K., Ninomiya, Y. NTSC simultaneous transmission system for dual signals 46209
Itoh, Y. *see* Mochizuki, M. 1573
Itoh, Y. *see* Nagata, M. 48109
Itoh, Y. *see* Seki, H. 23791
Itoh, Y. *see* Sugo, M. 28858
Itoh Tatsuo *see* Tatsuo Itoh
Itoi, S., Nakamura, K., Ohshima, K. An experiment on half inch Hi-Vision digital VTR 6223
Itoi, S., Nakamura, K., Ohshima, K. An experiment on half inch Hi-Vision digital VCR 31054
Itou, S. *see* Fukuda, T. 4881
Itozaki, H. *see* Tanaka, S. 31154
Itri, B.A. *see* Kuczynski, M.A. 30562
Itskevich, I.E. Kinetics of electron capture on DX centres under high pressure 42410
Itskevich, I.E. *see* Schmidt, A. 42512
Itsumi, M., Kai, J. Four types and origins of transient Si wafer deformation with furnace insertion and withdrawal 19489
Itsumi, M., Kishi, K. Dielectric strength of thin oxide grown thermally using thin amorphous silicon 2696
Itsumi, M. *see* Shiono, N. 34641
Itten, A., Gloor, R. Integral drive electronics for passenger cars 8960
Itten, K.I., Meyer, P. Geometric and radiometric correction of TM data of mountainous forested areas 24522
Ittermann, B. *see* Frank, H.-P. 42626
Ittipiboon, A., Mongia, R.K., Antar, Y.M.M., Bhartia, P., Cuhaci, M. Aperture fed rectangular and triangular dielectric resonators for use as magnetic dipole antennas 12744
Ittipiboon, A. *see* Reddy, C.J. 4246
Ittipiboon, A. *see* Reddy, C.J. 21429
Itzikowitz, S. *see* Amitai, D. 41173
Iu Siu-Leong *see* Siu-Leong Iu
Iucci, G. *see* Caliendo, C. 6406
Iudica, M. *see* Davoli, F. 45459
Iung, C. *see* Guesbaoui, H. 40123
Iung, C. *see* Mohamed, Y. 40516
Ivakhnik, V.V., Nikonov, V.I. Diffraction efficiency of a dynamic hologram in a photochronic medium when the recording and erasing beams copropagate 29040
Ivakhnik, V.V., Nikonov, V.I. Double phase conjugation with frequency conversion under nondegenerate six-wave mixing 36017
Ivan, C. *see* Dragomirescu, M. 549
Ivanchik, I.I. *see* Akimov, B.A. 42454
Ivanchik, I.I. *see* Chesnokov, S.N. 38506
Ivanchik, I.I. *see* Vereshchagina, L.N. 18297
Ivancic, M., Magjarevic, R., Krsic, I. Analysis and optimization of multichannel measurements at navigable objects 38412
Ivancic, M. *see* Abbott, B. 31776
Ivanda, M., Desnica, U.V., Haynes, T.E. Raman study of "boson peak" in ion-implanted GaAs: dependence on ion dose and dose rate 42634
Ivanenko, A. *see* Efromov, A.A. 15577
Ivanenko, A.I. *see* Efremov, A.A. 15586
Ivanenko, M. *see* Fuss, W. 11942
Ivanenok, J.F. *see* Sievers, R.K. 7553
Ivanenok, J.F., III, Sievers, R.K., Hunt, T.K., Johnson, G.A. Radioisotope AMTEC power system designs for spacecraft applications 39301
Ivanin, V.F. *see* Nepogodin, I.A. 15985
Ivanisevic, I.I., Vasiljevic, D.M. The quartz crystal oscillator realization using current conveyors 20103
Ivanitskaya, O.I., Matveev, O.A., Tomasov, A.A., Yakovlev, N.V. Formation of the energy spectrum of a monoenergetic X-ray line as a result of inhomogeneous absorption in semiconductor detectors 46857
Ivankovits, J.C., Adams, B.M. Effects of controlled atmospheres on solder wetting [SMT] 34388
Ivankovits, J.C. *see* Pearton, S.J. 43023
Ivanov, A. *see* Muller, H. 46319
Ivanov, A. *see* Pilarski, S. 1136
Ivanov, A. *see* Pilarski, S. 41779
Ivanov, A. *see* Wu, Y. 17829
Ivanov, A.A., Kamalov, V.F., Lifanov, A.P., Lucassen, J., Minkov, B.I., Slobodchikov, E.V. Generation of 85-fs pulses in a self-mode-locked $Cr:Mg_2SiO_4$ (forsterite) laser 28772
Ivanov, A.A. *see* Asina, S.S. 19800
Ivanov, A.A. *see* Khan, S.H. 8813
Ivanov, A.G., Fedorenko, A.G. Desirability of composites for shielding nuclear power stations 47676
Ivanov, A.N. *see* Dodunekov, S.M. 29471
Ivanov, B. *see* Shanov, V. 10993
Ivanov, D., Currie, J., Bouchard, H., Lecours, A., Andrian, J., Yelon, A., Poulin, S. Sputtered silicate-limit NASICON thin films for electrochemical sensors 46402
Ivanov, E.N., Tobar, M.E., Turner, P.J., Blair, D.G. Noncontacting microwave coupling to a cryogenic gravitational radiation antenna 4265
Ivanov, E.N., Turner, P.J., Blair, D.G. Microwave signal processing for a cryogenic gravitational radiation antenna with a noncontacting readout 14921
Ivanov, G.A. *see* Fanourakis, G.K. 24011
Ivanov, G.M., Kurilko, V.I., Makhnenko, L.A., Opanasenko, A.N., Ryabka, P.M., Cherenshchikov, S.A. Microwave focusing of beam electrons in a $4\pi/3$ accelerating structure 23959
Ivanov, G.M., Novikov, V.I. Torsional oscillations in electromechanical systems containing asynchronous machines with a phase rotor 16865
Ivanov, I. *see* Sueva, D. 7179
Ivanov, I. *see* Vapirev, E.I. 46923
Ivanov, I.C. *see* Dunlop, J.A. 842
Ivanov, I.P. *see* Wahab, Q. 684
Ivanov, K. *see* Chen, W. 18053
Ivanov, K.P., Georgiev, G.N., Georgieva, M.N. Propagation in a circular waveguide partially filled with azimuthally magnetized ferrite 4236
Ivanov, K.P., Mueller, U., Beyer, A. State and trends in planar gyrotropic waveguiding structures 1398
Ivanov, L. *see* Minkovski, N. 35362
Ivanov, L.M. *see* Pavlov, L.I. 21009
Ivanov, N.A. *see* Zablotskii, V.V. 15612
Ivanov, N.A. *see* Zablotskiy, V.V. 19512
Ivanov, O.G., Rakovsky, V.Yu., Shcherbakov, A.S. All-optical logic gates based on nonlinear fiber loop interferometer with semiconductor laser amplifier 3262
Ivanov, O.G. *see* Shcherbakov, A.S. 11566
Ivanov, P.A., Panteleev, V.N., Samsonova, T.P., Suvorov, A.V., Chelnokov, V.E. Metal-oxide-semiconductor capacitor formed from thermally oxidized *n*-type 6*H*-SiC with the (0001)C orientation 11216
Ivanov, P.A. *see* Suvorov, A.V. 11879
Ivanov, P.G. *see* Annenkov, Yu.Z. 37958
Ivanov, P.P. *see* Bystrova, O.V. 25314
Ivanov, S.V. *see* Sobenin, N.P. 7079
Ivanov, S.V. *see* Sobenin, N.P. 15489
Ivanov, T. *see* Boyanov, B. 13012
Ivanov, V. *see* Musha, T. 39075
Ivanov, V.A. Servicing continuity and the operational readiness coefficient of aeronavigational radio-electronic systems 23233
Ivanov, V.A. Effect of transverse flow nonuniformity on boundary-layer development in a Faraday MHD channel 25707
Ivanov, V.A. *see* Borisov, A.N. 12296
Ivanov, V.A. *see* Borisov, A.N. 44034
Ivanov, V.F. *see* Nekrasov, A.A. 28615
Ivanov, V.G. Computer system of thermal imaging quality control of complex objects 15094
Ivanov, V.G. *see* Baksht, F.G. 38823
Ivanov, V.I., Mirgazov, V.A. Special features of the frequency and impulse characteristics of acoustic emission transducers 18352
Ivanov, V.M. *see* Malkovsky, V.I. 25083
Ivanov, V.N. *see* Babichev, R.K. 11504
Ivanov, V.N. *see* Babichev, R.K. 11505
Ivanov, V.N. *see* Babichev, R.K. 29225
Ivanov, V.N. *see* Babichev, R.K. 43329
Ivanov, V.P. *see* Alebastrov, V.A. 39388
Ivanov, V.P. *see* Batrakov, A.S. 4954
Ivanov, V.V., Kolobrodov, V.G., Nesterenko, I.A. Effect of a modulator on the sensitivity of a pyrocamera 46512
Ivanov, Yu.D. Frequency stability of the relaxation oscillations in a long line with a tunnel diode 10004
Ivanov, Yu.D., Erglis, K.E. Influence of supply circuits on amplitude instability of powerful high-frequency generators 7277
Ivanov, Yu.L., Vasil'ev, Yu.B., Suchalkin, S.D. Submillimeter spectroscopy of bulk semiconductors and low-dimensional semiconductor structures with use of continuously tunable germanium cyclotron laser 44173
Ivanov, Yu.V. Calculation of space-time processing vector for coherent pulse burst 4634
Ivanov, Yu.V., Kolpakov, D.N., Rakova, I.K. Analysis of effectiveness of space-time processing algorithms with wobbulation of the repetition period 46042
Ivanov, Z. *see* Ramos, J. 28410
Ivanov, Z.G., Alarco, J.A., Claeson, T., Nilsson, P.A., Olsson, E., Olsson, H.K., Stepantsov, E.A., Tzalenchuk, A.Ya., Winkler, D. Artificial grain boundary Josephson junctions—properties and applications 35287
Ivanov, Z.G. *see* Ovsyannikov, G.A. 20182
Ivanov, Z.G. *see* Ramos, J. 11534
Ivanov, Z.G. *see* Ramos, J. 35284
Ivanova, B.A. *see* Milev, I.Y. 35737
Ivanova, N.A., Karpuck, S.M., Rubanov, A.S., Tolstik, A.L. Control of a Fabry-Perot interferometer with the use of independent optical pump 3840
Ivanova, N.A., Rubanov, A.S., Tolstik, A.L., Chaley, A.V. Optical bistability and transient processes in interferometer with two-component resonance medium 3798
Ivanova, N.L., Kamanina, N.V., Komarov, A.P., Lupacheva, A.N., Nikitin, V.V., Onokhov, A.P., Savinov, V.P. Optimization of the dynamic characteristics of space-time light modulators with an a-Si:H photolayer 11694
Ivanova, N.L., Nikitin, V.V., Onokhov, A.P. Characteristics of liquid-crystal space-time light modulators based on photosensitive layers of zinc selenide and amorphous silicon 3221
Ivanyi, A. Energy in oriented lamination 3962
Ivarsoy, G. *see* Solvoll, D. 37422
Ivarsson, P.-O., Jonsson, L.E. The eXchange Manager — an operation and maintenance system for the switched network 45447
Ivascu, A., Kazimierczuk, M.K., Birca-Galateanu, S. Class E resonant low di/dt rectifier 9948
Ivashchenko, A.I., Kopanskaya, F.Ya., Solmonov, A.I., Tarchenko, V.P. The growth of effective potential barrier height in Au/(100) n-GaP contact induced by phosphorous ion implantation 1944
Ivasheva, G.D., Dulenin, V.P., Romantsov, V.V. The advisability of constructing small heat and power stations with back-pressure turbines 8192
Ivashka, V.P. *see* Zhilinskas, M.A. 42145
Ivashkin, P.I. *see* Vlasov, D.V. 3420
Ivchenko, E.L., Kiselev, A.A., Fu, Y., Willander, M. Valley mixing effects on electron tunneling transmission in GaAs/AlAs heterostructures 42506
Ivers, K. *see* Barron, A.E. 33273
Ivers-Tiffee, E., Schiessl, M., Oel, H.J., Wersing, W. Investigations of cobalt-containing pervoskites in SOFC single cells with respect to interface reactions and cell performance 17371
Iversen, P.O., Ricardi, L.J., Faust, W.P. A comparison among 1-, 3-, and 7-horn feeds for a 37-beam MBA 44590
Ives, G., Reddersen, H.G. Digital systems for NPP safety 47637
Ives, G.R. Automatic realisation of $C=I.\delta t/\delta v$ 46304
Ivey, D.G. *see* Jian, P. 27780
Ivey, D.G. *see* Zhang, L. 27577
Ivey, P. The ELSA wafer scale integration project 18774
Ivey, P.A. *see* Davidson, S. 41964
Ivinskis, K. Redundancy analysis and removal for VLSI ASIC's 2617
Ivleva, L.I. *see* Bogodaev, N.V. 21038
Ivleva, L.I. *see* Bogodaev, N.V. 21052
Ivrissimtzis, L.P., Lancaster, M.J., Maclean, T.S.M., Alford, N.McN. Efficiency characterization of small printed thick-film $YBa_2Cu_3O_{7-x}$ antennas 29329
Ivrissimtzis, L.P., Lancaster, M.J., Maclean, T.S.M., Alford, N.M. High gain printed dipole array made of thick film high-T_c superconducting material 29354
Ivrissimtzis, L.P., Lancaster, M.J., Maclean, T.S.M., Alford, N.McN. On the design and performance of electrically small printed thick film $YBa_2Cu_3O_{7-x}$ antennas 44600
Ivrissimtzis, L.P., Marhefka, R.J. Edge-wave diffraction for flat-plate structures 36143
Iwa-Ana, T. *see* Fujikura, H. 41320
Iwaasa, S. *see* Utsumi, T. 25564
Iwabuchi, S., Higurashi, H., Nagaoka, Y. Effect of electronic states of electrodes on Coulomb blockade 2440
Iwabuchi, T., Mutoh, K., Miyata, T. Optical coatings for high power excimer lasers with high repetition rates 3304
Iwabuchi, T. *see* Hayashi, T. 18703
Iwabuchi, T. *see* Kawazu, Y. 1973
Iwabuchi, T. *see* Ochiai, T. 28122
Iwabuchi, Y., Ushioda, J., Tanabe, H., Ogura, Y., Kishida, S. Monolayer halftone phase-shifting mask for KrF excimer laser lithography 27852
Iwade, S. *see* Maeno, H. 26945
Iwade, S. *see* Tsujihashi, Y. 41853
Iwahara, H., Hibino, T., Yamada, M. SOFC using Dy-doped $BaCeO_3$ ceramics as a solid electrolyte 17261
Iwahara, H. *see* Nagata, M. 48109
Iwahara, H. *see* Singhal, S.C. *(editor)* 9129
Iwahashi, M. *see* Kiya, H. 37026
Iwahashi, N., Kaiki, N., Sagisaka, T. Speech segment selection for concatenative synthesis based on spectral distortion minimization 21691
Iwahori, T. *see* Ishihara, K. 16963
Iwahori, Y., Woodham, R.J., Tanaka, H., Ishii, N. Shape from shading with a nearby moving point light source 13694
Iwahori, Y., Woodham, R.J., Tanaka, H., Ishii, N. An application of neural network learning to photometric stereo 13769
Iwahori, Y. *see* Tanaka, H. 13698
Iwai, H. Development of high voltage transistor switches 33898
Iwai, H. *see* Iinuma, T. 11297
Iwai, H. *see* Inou, K. 11299
Iwai, H. *see* Itoh, N. 11298
Iwai, H. *see* Saito, M. 34957
Iwai, H. *see* Tsuchiaki, M. 11200
Iwai, K. *see* Maruyama, T. 24374
Iwai, K. *see* Yamaguchi, H. 24189
Iwai, M. *see* Kurumada, A. 8259
Iwai, N. *see* Kasukawa, A. 12106
Iwai, N. *see* Kasukawa, A. 35881
Iwai, N. *see* Namegaya, T. 12184
Iwai, S. *see* Isshiki, H. 720
Iwai, S. *see* Yamaguchi, H. 24189
Iwai, Y. *see* Yano, M. 18219
Iwaji, Y. *see* Fukuda, S. 8666
Iwakawa, N. *see* Goromaru, T. 38434
Iwake, A. *see* Jin, Y. 17951
Iwaki, K. Progress of I&C system and control room design in TEPCO nuclear power plants 39728
Iwaki, M. *see* Toraichi, K. 4591

Iwaki, M. *see* Toraichi, K. 13296
Iwaki, T., Mitsuoka, Y., Kasama, N., Yamamoto, S. Catastrophic characteristics of pattern recognition in feedback joint transform correlator 13512
Iwaki, T., Tanaka, T., Yamada, E., Okuda, T., Sasada, T. An architecture for high speed error correction circuitry [digital VCRs] 31052
Iwaki, T., Tanaka, T., Yamada, E., Okuda, T., Sasada, T. Architecture of a high speed Reed-Solomon decoder 36565
Iwakoshi, Y. *see* Sawai, K. 40403
Iwakuma, M. *see* Matsumoto, K. 20169
Iwakuma, M. *see* Miura, O. 2921
Iwakuni, M. *see* Konishi, Y. 46231
Iwakura, C. *see* Naito, K. 8739
Iwakura, H. Realization of tapped delay lines using switched-capacitor LDI ladders and application to FIR filter design 34156
Iwakura, H. *see* Xi Zhang 18866
Iwakura, H. *see* Zhang, X. 27086
Iwakura, M. *see* Itoh, K. 20329
Iwakuro, H., Tokonami, M., Kuroda, T., Tamaki, S., Kitatsuji, Y. Interfacial layers of high-barrier Schottky diode of Al/n-type (100)Si exposed to H_2 plasma 19433
Iwama, N. *see* Yamaguchi, M. 23240
Iwama, S., Shimamura, T., Suzuki, J. Transmission of pitch information by delta modulation in analysis synthesis telephony 5391
Iwami, T., Yamane, Y., Maruyama, T., Yamaji, S., Noguchi, Y. The processing applications of high performance electron-beam technology 25967
Iwamoto, A. *see* Ohnishi, O. 9940
Iwamoto, A. *see* Yoshinobu, T. 42575
Iwamoto, K. *see* Hoshihara, N. 48256
Iwamoto, M. *see* Kubota, T. 6719
Iwamoto, S., Kinoshita, M., Liu, C.-C. Artificial neural network application to voltage stability considering power system configuration 24807
Iwamoto, S., Shiozawa, S., Nakazawa, Y., Ichimiya, K., Senbonmatsu, K., Suzuki, H., Saito, T. Performance analysis of communication networks 13951
Iwamoto, S. *see* Hayashi, Y. 24869
Iwamoto, S. *see* Kohno, Y. 24640
Iwamoto, S. *see* Tsuji, H. 28422
Iwamoto, T., Shimada, H., Shimomura, S., Onodera, M., Ohmi, T. High-reliability lithography performed by ultrasonic and surfactant-added developing system 42801
Iwamoto, T. *see* Hara, K. 20520
Iwamoto, T. *see* Yamamoto, F. 16575
Iwamoto, Y. *see* Matsuura, I. 35336
Iwamura, A. *see* Hoshihara, N. 48256
Iwamura, H. *see* Kawamura, Y. 27543
Iwamura, H. *see* Kawamura, Y. 35771
Iwamura, H. *see* Tsuda, H. 12217
Iwamura, H. *see* Uenohara, H. 43863
Iwamura, H. *see* Watanabe, K. 3585
Iwamura, J. *see* Young, I. 27004
Iwamura, K., Imai, H. A code to correct synchronization errors 44688
Iwamura, K., Matsumoto, T., Imai, H. Montgomery's modular-multiplication method and systolic-arrays suitable for modular-exponentiation 10106
Iwamura, K., Matsumoto, T., Imai, H. A parallel processing method for implementing the RSA cryptosystem 29442
Iwamura, K. *see* Esaki, H. 37077
Iwan, K. *see* Ronkowski, M. 8858
Iwan, K. *see* Szczesny, R. 8582
Iwan, L. *see* Vora, P.L. 15071
Iwanade, H. *see* Kimura, H. 34114
Iwanaga, H. *see* Watabu, K. 6194
Iwanaga, T., Honma, H., Kayanuma, K., Segawa, S., Nakada, M., Katayama, R., Inada, H. High-density land-groove recording for digital video file system 23345
Iwanaga, T. *see* Ohkubo, S. 20255
Iwanami, Y. *see* Li, H.-B. 4377
Iwanari, A. *see* Wada, M. 24908
Iwanciw, P. Current inverter technology—advantages, problems and solutions 48500
Iwanczyk, J.S. *see* Dabrowski, A.J. 24069
Iwanczyk, J.S. *see* Wang, Y.J. 24126
Iwano, K. *see* Dai, Y. 41090
Iwano, S. *see* Kanayama, K. 2956
Iwano, Y. *see* Murakami, K. 32929
Iwasa, A. *see* Yoshida, H. 6274
Iwasa, I. *see* Ota, T. 9626
Iwasa, M. *see* Sakawa, M. 17626
Iwasa, N. *see* Nakamura, S. 10695
Iwasa, Y. High-temperature superconducting materials: requirements for magnet conductors—a magnet designer's view 2920
Iwasaki, A. *see* Yuki, M. 28280
Iwasaki, H. Self-diplexing characteristics of circularly polarized N-element circular array antenna 36441
Iwasaki, H., Harigaya, M., Nonoyama, O., Kageyama, Y., Takahashi, M., Yamada, K., Deguchi, H., Ide, Y. Completely erasable phase change optical disc. II. Application of Ag-In-Sb-Te mixed-phase system for rewritable compact disc compatible with CD-velocity and double CD-velocity 20258
Iwasaki, H., Shoki, H., Kawabata, K. Analysis of parallel plate mode in slot-coupled microstrip antenna 4264
Iwasaki, H. *see* Kato, F. 11107
Iwasaki, H. *see* Yamanaka, K. 2332
Iwasaki, H. *see* Yoshinobu, T. 42575
Iwasaki, K. *see* Morii, M. 23412
Iwasaki, M., Matusi, N. Robust speed control of IM with torque feedforward control 25419
Iwasaki, M. *see* Gastli, A. 8356
Iwasaki, M. *see* Otsuka, T. 40358
Iwasaki, T., Freundorfer, A.P., Iizuka, K. A unidirectional semi-circle spiral antenna for subsurface radars 38161
Iwasaki, T., Okano, K., Matsumae, Y., Matsushima, E., Maekawa, H., Kiyota, H., Kurosu, T., Iida, M. Formation of ohmic contacts on semiconducting diamond grown by chemical vapour deposition 42555
Iwasaki, T. *see* Fukumasa, O. 46811
Iwasaki, T. *see* Sekine, Y. 47110
Iwasaki, T. *see* Yoshizawa, A. 3638
Iwasaki, Y., Sadakata, M. New traffic entropy functions to quantify spatial traffic flow conditions and intelligent control logic of isolated signals 5021
Iwasaki, Y. *see* Abe, K. 7260
Iwasaki, Y. *see* Abe, K. 15619
Iwasaki, Y. *see* Abe, K. 46930
Iwasaki , M. *see* Takahara, H. 23490
Iwasawa, C. *see* Nakajima, T. 17379
Iwasawa, H. *see* Hajdu, J.B. 2827
Iwasawa, N. *see* Egusa, S. 33760
Iwase, F., Nakamura, Y., Furuya, S. Secondary electron emission from Si-implanted GaAs 34691
Iwase, H. *see* Kosugi, T. 27738
Iwase, M. *see* Fukushima, T. 12107
Iwase, N., Okada, K., Yasuda, K., Yokoyama, R. Decentralized voltage control in multiarea power system 7788
Iwase, R., Obara, H. A bit error and cell loss compensation method for ATM transport systems 13851
Iwase, Y., Okada, H., Kuroe, S., Mitsushima, S., Takeuchi, M. Enhancement and stabilization of the molten carbonate fuel cell performance by optimization of electrode pore distributions 48105
Iwashita, H., Nakata, T., Hirose, F. Integrated design and test assistance for pipeline controllers 10110
Iwashita, K. *see* Norimatsu, S. 6059
Iwashita, K. *see* Norimatsu, S. 14576
Iwashita, Y. *see* Noda, A. 7469
Iwashita, Y. *see* Shirai, T. 15305
Iwaszkiewicz, J. A predictive algorithm for current controlled voltage source inverter 17088
Iwata, A., Suzuki, K., Ueguri, S. Development of CVL-MOPA chain driven by semiconductor pulse generators 3419
Iwata, A., Wakayama, K., Sasaki, T., Nakamura, K., Tsuneizumi, T., Ogasawara, F. Electric load forecasting using a structured self-growing neural network model 'CombNET-II' 16262
Iwata, A. *see* Kitamura, T. 13131
Iwata, A. *see* Nagasaka, Y. 31931
Iwata, A. *see* Suzuki, H. 22637
Iwata, A. *see* Tsuchiya, K. 22151
Iwata, F. *see* Ohe, Y. 3898
Iwata, F. *see* Takahashi, S. 36045
Iwata, H. *see* Hasegawa, T. 39469
Iwata, H. *see* Kishi, M. 14506
Iwata, H. *see* Ohzone, T. 19878
Iwata, H. *see* Ohzone, T. 42982
Iwata, H. *see* Takagi, T. 47285
Iwata, K. *see* Matsui, K. 24619
Iwata, K. *see* Prundaru, M. 13753
Iwata, M., Tagawa, Y. Technical trends in industrial lead/acid batteries in Japan 40412
Iwata, M. *see* Hosoda, T. 25584
Iwata, M. *see* Ito, Y. 8629
Iwata, M. *see* Kameyama, K. 3246
Iwata, N., Inosako, K., Kuzuhara, M. 3 V operation L-band power double-doped heterojunction FETs 1533
Iwata, S. Development of sealing materials for plasma etching apparatus 18321
Iwata, T., Kap-Soon Chang Real-time measurement of vacuum pressure by field emission microscopy 46669
Iwata, T., Kusunose, N. Development of substrate type planar 10-cell stack SOFC: stack performance and lifetime characteristics 17284
Iwata, T. *see* Ishii, T. 17330
Iwata, T. *see* Yamauchi, H. 26918
Iwata, T. *see* Yamauchi, H. 26951
Iwata, Y., Endo, I., Tobiyama, M., Kobayashi, T., Isobe, A., Nishizuru, T., Yoshida, K., Muto, M., Emura, T., Nagata, K., Nagata, Y., Baba, K., Asai, M. New polarimeter for high energy gamma-rays 7312
Iwata, Y. *see* Morikawa, T. 7208
Iwata, Y. *see* Ohsugi, T. 46838
Iwata, Y. *see* Ohsugi, T. 46839
Iwata, Y. *see* Tamura, N. 46889
Iwata, Z. *see* Ohata, K. 39602
Iwata, Z. *see* Tanaka, H. 47512
Iwatani, K. *see* Shizuma, K. 15686
Iwatsuki, K., Nishi, S., Suzuki, K.-I., Saruwatari, M., Kawai, S. Long-distance ultra-fast optical soliton transmission technology 30732
Iwatsuki, K. *see* Kawai, S. 37972
Iwatsuki, K. *see* Suzuki, K. 5977
Iwatsuki, M. *see* Ishii, K. 27295
Iwatsuki, M. *see* Uesugi, K. 33666
Iwawaki, F. *see* Tomitori, M. 26414
Iwayemi, A. Deregulating public utilities. An analysis of the electricity industry in Nigeria 24745
IX, M.Sabido *see* Sabido IX, M.
Iyama, Y. *see* Imamiya, K. 18733
Iyanagi, Y. *see* Itoh, M. 14328
Iyengar, A. *see* Berenbaum, A. 5471
Iyengar, S. *see* Jones, B. 33529
Iyengar, S. *see* Mingui Sun 7433
Iyengar, S.S., Jayasimha, D.N., Nadig, D. A versatile architecture for the distributed sensor integration problem 38482
Iyengar, S.S. *see* Rao, R.L. 26320
Iyengar, V. *see* Aizenbud, Y. 1120
Iyengar, V. *see* Koenemann, B. 1186
Iyengar, V. *see* Kundu, S. 1154
Iyer, B. *see* Zandi, A. 4398
Iyer, D.R. Scaling-up the thermal input of the 5 MW combustor applicable to Indian MHD plant 25325
Iyer, M.A., Abramovici, M. Low-cost redundancy identification for combinational circuits 41837
Iyer, M.A. *see* Abramovici, M. 10087
Iyer, M.K., Seager, R.D., Vardaxoglou, J.C. Wireless chip to chip interconnection for multichip modules using leaky wave antennas 9291
Iyer, N.R. *see* Liu, T.I. 913
Iyer, S. *see* Ravaioli, U. 11109
Iyer, S.B., Harshavardhan, K.S., Kumar, V. Interfacial electrical properties of diamond-like carbon/gallium arsenide heterostructures 34639
Iyer, S.M.Vaitheeswaran *see* Vaitheeswaran Iyer, S.M.
Iyer, S.N. *see* Connor, B. 25290
Iyer, S.S. *see* Arienzo, M. 11161
Iyer, S.S. *see* Bassous, E. 1891
Iyer, S.S. *see* Jain, S.C. 34548
Iyer, S.S. *see* Powell, A.R. 41357
Iyer, S.S., Collins, R.T., Canham, L.T. *(editors)* Light Emission from Silicon Symposium 44
Iyer, S.V. *see* Gopalakrishnan, G.K. 27228
Iyevlev, O.P. *see* Rublinskiy, V.A. 14342
Iyoda, I., Kono, Y., Sawada, J., Matoba, S. Transient stability simulation algorithm analyzing system parameter flexibility 39551
Iyoda, I. *see* Sato, N. 24620
Iyoda, M., Yamaguchi, Y., Okaya, H., Akiyama, M., Taniwaki, M., Sato, S. PC-based beam mode analysis of CO laser 12303
Izadian, J.S. Development of a multilayer interference simulation program for MSS systems 37945
Izaki, Y. *see* Watanabe, T. 25665
Izarra, C.de *see* de Izarra, C.
Izatt, J.A. *see* Ramaswamy, M. 12079
Izatt, J.A. *see* Swanson, E.A. 15814
Izatt, J.R., Schatz, W., Renk, K.F. Length and pressure dependence of the tuning spectrum produced by CH_3F double Raman lasers 12021
Izatt, J.R. *see* Wang, X. 4039
Izawa, H. *see* Kutsuwada, N. 15188
Izawa, K., Sugihara, O., Okamoto, N. Preparation of poled silica film doped with organic nonlinear material with sol-gel technique and stable second harmonic generation 3859
Izawa, T., Matsumoto, K., Hamamoto, T., Miyazawa, T., Takemoto, I. 5000 bits×3 lines (R, G, B) high sensitivity color linear sensor 23722
Izawa, T., Watanabe, K., Kawamura, S. 21-ps 0.1-μm CMOS devices operating at room temperature 18633
Izawa, T. *see* Yoshimura, R. 3126
Izenberg, Yu.B. Fundamental research in conversion of electric energy into light energy 25929
Izewska, J., Kulinski, S., Maciszewski, W., Pachan, M., Pszona, J., Wysocka, A. Long term quality measurements during clinical operation of Limex low energy medical accelerator 7472
Izmailov, A.M., Allakhverdov, F.M., Mitrofanova, E.V., Nasibov, N.A. A generator of pulses of stable length 18526
Izmailov, A.M., Zhiglinskiy, A.G. New superbroadband dye and solid state lasers with several independently tunable lasing lines 20738
Izmailov, A.M. *see* Abramenko, M.E. 3470
Izmailov, L.D. *see* Fedyaev, A.V. 16646
Izmailov, R., Vladimirov, A. Dimension of aliasing structures 4856
Izquierdo, A., Luque de Castro, M.D., Valcarcel, M. Automatic simultaneous determination of copper and lead in biological samples by flow injection/stripping voltammetric analysis 31322
Izquierdo, R., Desjardins, P., Elyaagoubi, N., Meunier, M. Laser-assisted low temperature deposition of WSi_x from WF_6 and SiH_4 42787
Izquierdo, R. *see* Tabbal, M. 42785
Izrael, A. *see* Rivera, T. 35963
Izu, C. *see* Jesshope, C. 41942
Izu, C. *see* Jesshope, C.R. 26968
Izui, Y. *see* Kojima, Y. 16177
Izui, Y. *see* Kojima, Y. 16229

Izui, Y. *see* Ogi, H. 25594
Izui, Y. *see* Yoshimi, M. 24771
Izuka, K. *see* Li, Y.-F. 11641
Izumi, A. *see* Kobayashi, A. 31317
Izumi, J. *see* Funayama, M. 3521
Izumi, K., Yamada, E., Tsuji, M., Oyama, J., Matsuo, A. A fuzzy auto-tuning method of DC chopper system using manipulated value 9952
Izumi, K. *see* Mukaiyama, Y. 8676
Izumi, K. *see* Ohno, T. 18485
Izumi, K. *see* Taniguchi, T. 16463
Izumi, K. *see* Tsuji, M. 25429
Izumi, K. *see* Ushida, K. 48035
Izumi, M., Kawakami, H., Aoki, K., Fukunaga, K. Model-based object recognition using a hierarchical node structure 13484
Izumi, M. *see* Shimotsu, M. 17277
Izumi, S., Yoshida, N., Takano, H., Nishitani, K., Otsubo, M. Study on the accumulated impurities at the epilayer/substrate interface and their influence on the leakage current of metal-semiconductor-field effect transistors 11246
Izumi, S. *see* Kawai, T. 7963
Izumi, S. *see* Kitaguchi, H. 38867
Izumi, T. *see* Yonetsuka, N. 29468
Izumi, Y., Gohshi, S., Ninomiya, Y. A method of moving area-detection technique in a MUSE decoder 29892
Izumi, Y. *see* Gohshi, S. 13493
Izumitani, T. *see* Kurita, A. 36026
Izumitani, T. *see* Peng, B. 43759
Izumo, M. *see* Zumoto, N. 29079
Izuno, S. Refinements to electronic materials improve device characteristics 634
Izutsu, M. Advances in the optical heterodyne reception 30766
Izutsu, M. *see* Berceli, T. 1531
Izutsu, T. *see* Mohammadnejad, S. 3636
Izutu, T. *see* Ishida, A. 20904
Izuuchi, N. *see* Okumoto, Y. 17636
Izvarin, Yu.V. *see* Florentsev, S.N. 40334
Izzo, L. *see* Gelli, G. 21878

J. Russell, St.P. *see* Dong, L. 2949
Ja, Y.H. Simultaneous resonance of an S-shaped two-coupler optical fibre ring resonator 3823
Ja, Y.H. Kerr bistability in a 3×3 coupler optical fiber ring resonator 3831
Ja, Y.H. Performance parameters of a wavelength-division demultiplexer made with a single 3×3 coupler optical fiber ring or loop resonator 20299
Ja, Y.H. Densely spaced two-channel wavelength division demultiplexer with an S-shaped two-coupler optical fiber ring resonator 20315
Ja, Y.H. Phase sensitivity of an optical fibre ring resonator using a collinear 3×3 coupler 35398
Ja, Y.H. Bistability of the pump beam in one-coupler and two-coupler optical fiber ring resonators by using degenerate two-wave mixing 35962
Ja, Y.H. On the existence condition for bistability in a one-coupler optical fiber ring resonator by using degenerate two-wave mixing 35969
Ja, Y.H. Optical filter and wavelength division multi/demultiplexer using a fibre loop resonator with a collinear 3×3 fibre coupler 37664
Ja, Y.H., Dai, X. An S-shaped optical fiber loop resonator using a 3×3 nonplanar fiber coupler 20323
Ja, Y.H., Dai, X. Single-mode four-port optical fiber loop resonators using a nonplanar 3×3 fiber coupler 20324
Ja Taufiq *see* Burdett, S. 8923
Ja-Ling Wu, Ming-Chwen Yang Functional equivalence of interconnection networks 18390
Ja-Ling Wu *see* Guey-Shya Chen 4779
Ja-Ling Wu *see* Guey-Shya Chen 21808
Ja-Ling Wu *see* Wei-Jou Duh 38360
Ja-Nan Wang *see* Chia-Lu Ho 45981
Ja-Yoon Koo, Soon-Chui Hwang, Jin-Soon Park Some considerations on the high voltage extruded power cables installed in Korea 24968
Ja-Yoon Koo *see* Yun-Ok Cho 7961
Jaafar, M.A.S., Bajikar, S., Denton, D.D. An interconnect technology for high density multichip systems 17848
Jaafari, A., Picard, J.P., Bessege, R. Multimedia, an application for education in power electronics 146
Jaarah, M. *see* Irmisch, M. 2710
Jaaskelainen, K. *see* Nyman, A. 47458
Jaaskelainen, T. *see* Kamshilin, A.A. 12375
Jaatun, M.G.Il *see* Il Jaatun, M.G.
Jabbari, B., Yegenoglu, F., Kou, Y., Zafar, S., Zhang, Y.-Q. Statistical characterization and block-based modeling of motion-adaptive coded video 4814
Jabbari, B. *see* Yegenoglu, F. 5172
Jabbour, K. *see* Ayyash, S.A. 14215
Jabbour, K. *see* Reichmeyer, F. 14214
Jaber, M.H., Webb, R.L. Enhanced tubes for steam condensers 32732
Jablonka, M. *see* Cavedon, J.M. 15354
Jablonski, R. Laser measuring scanners and their accuracy limits 31468
Jablonski, R., Dzwiarek, M. Laser measurement of form and dimensions of transparent tubular elements 46629
Jablonski, S. *see* Badziak, J. 12024
Jabri, M. *see* Flower, B. 1359
Jabri, M. *see* Jiang, J.W. 19935
Jabri, M.A. *see* Leerink, L.R. 4567
Jabri, M.A. *see* Li, Y.-M. 26614
Jabri, M.A. *see* Pickard, S.J. 1356
Jabri, M.A. *see* Ying-Ming Li 9913
Jacak, B.V. *see* Britton, C.L., Jr. 46993
Jaccard, M., Makinen, T. Turning to supply-side management: estimating industrial cogeneration potential 40677
Jaccodine, R.J. *see* Jenn Gwo Huang 34637
Jaccodine, R.J. *see* Kouvatsos, D.N. 11230
Jaccodine, R.J. *see* Saikumar, V. 18320
Jach, C., Winje, R., Tacconi, E., Harold, R., Smedley, K. Low Energy Booster main magnet power supply system [SSC] 15554
Jachowicz, R.S., Makulski, W.J. Optimal measurement procedures for a dew point hygrometer system 14927
Jack, A.G. *see* Craig, E. 16993
Jack, A.G. *see* French, C.D. 17440
Jack, C. *see* Delavaux, J.-M.P. 3508
Jack, C.R. *see* Butts, K. 31898
Jack, L. *see* Bernacki, S. 35199
Jack, M. *see* Hiller, S. 9153
Jack, M. *see* Hiller, S. 29521
Jack, M.A. *see* Forsyth, M.E. 4553
Jack, M.A. *see* Forsyth, M.E. 29517
Jack, T. Internetworking—a Nigerian case study 37481
Jackel, H. *see* Brovelli, L.R. 20790
Jackel, S. *see* Shalev, P. 44095
Jackiewicz, Z. *see* Butcher, J.C. 9477
Jackman, J., Jyh-Jeng Deng, Hae-Il Ahn, Way Kuo, Vardeman, S. A compliance measure for the alignment of cylindrical part features 38715
Jackman, N. *see* Elrefaie, A.F. 14644
Jackman, R.B. Diamond devices for high power, high frequency electronics 43007
Jackman, R.B., Chua, L.H., Foord, J.S. Surface spectroscopic studies of the initial stages of diamond growth on Si(100) 41447
Jackman, R.B. *see* Marshall, D. 10958
Jackson, A. Fuzzy logic vs traditional approaches to the design of microcontroller-based systems 41998
Jackson, A., Hassenzahl, W., Meddahi, M. Ideas for future synchrotron light sources 15276
Jackson, A.D. *see* Jones, P.A. 18299
Jackson, A.M. *see* Artaki, I. 34379
Jackson, A.M. *see* Artaki, I. 42297
Jackson, B. *see* Weber, W.J., III 30686
Jackson, C.M., Kobayashi, J.H., Wire, M.S., Heflinger, L.O., Lee, A., Pettiette-Hall, C., Hu, R., Burch, J.F. Wide HTS microbridge series array transmission line 1403
Jackson, C.M. *see* Kain, A.Z. 1405
Jackson, D.A. Recent innovations in fibre optic sensors 38535
Jackson, D.A. *see* Bao, X. 6516
Jackson, D.A. *see* Bao, X. 23687
Jackson, D.A. *see* Bao, X. 31248
Jackson, D.A. *see* Berwick, M. 3243
Jackson, D.A. *see* Chu, B.C.B. 14935
Jackson, D.A. *see* Chu, B.C.B. 23550
Jackson, D.A. *see* Griffin, R.A. 22993
Jackson, D.A. *see* Kalli, K. 3033
Jackson, D.A. *see* McGarrity, C. 20335
Jackson, D.A. *see* McGarrity, C. 23686
Jackson, D.A. *see* Ning, Y.N. 14992
Jackson, D.A. *see* Ning, Y.N. 38449
Jackson, D.A. *see* Pannell, C.N. 46481
Jackson, D.A. *see* Rao, Y.J. 15059
Jackson, D.A. *see* Rao, Y.J. 23688
Jackson, D.A. *see* Rao, Y.J. 31242
Jackson, D.A. *see* Ribeiro, A.B.L. 3080
Jackson, D.L. *see* Greenwald, T.J. 15988
Jackson, D.M. *see* Brock, N.A. 39178
Jackson, D.R., Williams, J.T., Bhattacharyya, A.K., Smith, R.L., Buchheit, S.J., Long, S.A. Microstrip patch designs that do not excite surface waves 21400
Jackson, D.R. *see* Nghiem, D. 1395
Jackson, D.R. *see* Nghiem, D. 12706
Jackson, D.R. *see* Nghiem, D. 18957
Jackson, E.A. Computers in engineering education in Ghana 17764
Jackson, G. *see* Jackson, T.M. 39914
Jackson, G.A. EMC directives and standards 12636
Jackson, G.A. In situ testing [EMC in large systems] 36274
Jackson, G.H., Bartlett, A.D. Damage resistant armoured 3 core polymeric cables for medium and high voltage systems in the UK 16341
Jackson, G.P. Possible methods of measuring the length of sub-picosecond electron bunches in the frequency domain 6961
Jackson, G.P., Elliott, A. Optical signal acquisition and processing in future accelerator diagnostics 6960
Jackson, G.P. *see* Colestock, P.L. 15360
Jackson, G.S. *see* Huang, J.C. 1566
Jackson, H. *see* Steckl, A.J. 2076
Jackson, H.E. Raman microprobe spectroscopy and photon scanning tunneling spectroscopy: applications to optical waveguides 3106
Jackson, H.E. *see* Choo, A.G. 2075
Jackson, H.E. *see* Kumar, M. 10818
Jackson, H.E. *see* Steckl, A.J. 10819
Jackson, H.E. *see* Wu, R.L.C. 41409
Jackson, H.W. *see* Ramabadran, U.B. 3806
Jackson, H.W. *see* Yan Wang 3147
Jackson, J., Chenoweth, A., Dreisewerd, D., Lambert, S., Casey, W. The evolution and future of the multiple diode laser 12097
Jackson, J.A. *see* Nguyen, L.T. 290
Jackson, J.K. *see* Samar, V.J. 7447
Jackson, J.W. *see* Beale, J. 39220
Jackson, K.R. *see* Zhu Ben-ren 9463
Jackson, M.K. *see* Liu, Q.Z. 35622
Jackson, N. Heterogeneous LAN management: managing complex, multivendor networks 30320
Jackson, N.N. *see* Excell, P.S. 12787
Jackson, R.D. Robotics and its role in helping disabled people 31992
Jackson, R.D. *see* Wall, S.R. 8667
Jackson, R.R. *see* Sturtevant, J.L. 2292
Jackson, R.W. Circuit model for substrate resonance coupling in grounded coplanar waveguide circuits 19136
Jackson, S., Yankelovich, N. InterMail: a prototype hypermedia mail system 37380
Jackson, S. *see* Ghosh, J. 34208
Jackson, S. *see* Ghosh, J. 42117
Jackson, T. How we put reliability tools in the hands of the designer—the technical issues 30898
Jackson, T.J., Le Vine, D.M., Griffis, A.J., Goodrich, D.C., Schmugge, T.J., Swift, C.T., O'Neill, P.E. Soil moisture and rainfall estimation over a semiarid environment with the ESTAR microwave radiometer 24504
Jackson, T.J. *see* Barnwell, P.G. 8551
Jackson, T.M., Stansberry, C.J., Jr., Estes, S., Jackson, G., Le, K.D., Boyle, R.F., Nguyen, M.T., Orndoff, D.B. Impacts of Clean Air Act on TVA's system operations 39914
Jackson, T.N., Nelson, S.F., Chu, J.O., Meyerson, B.S. Undoped SiGe heterostructure field effect transistors 19868
Jackson, V. *see* Nguyen, H.T. 9065
Jackson, W.-A., Martin, K.M. Cumulative arrays and geometric secret sharing schemes 21556
Jackson, W.-A., Martin, K.M. Geometric secret sharing schemes and their duals 29466
Jackson, W.B. *see* Nebel, C.E. 27500
Jackson, W.B. *see* Nebel, C.E. 34787
Jackson, W.B. *see* Street, R.A. 27493
Jackson, W.D., Maxwell, C.D., Bernard, F.E., Holman, R.R., Seikel, G.R. Non-equilibrium MHD disk generator using cesium-seeded hydrogen 25834
Jackway, P.T. Properties of multiscale morphological smoothing by poweroids 29974
Jacob, A.F. *see* Jacob, J. 15181
Jacob, C. *see* Nordell, N. 41449
Jacob, I., Donkor, E. An equivalent circuit characterization of power MOSFETs accounting for high field and high frequency effects 42191
Jacob, J., David, C., Revol, J.-L., Gautier, G., Vial, D., Barbier, P., Boilot, D., Rigal, J.-M., Hoberg, H., Knobbe, H.K., Noldge, H., Behrens, U. Commissioning and operation of one booster and two storage ring RF acceleration units at the ESRF 15458
Jacob, J., Gautier, G., Jacob, A.F., Ikonomou, M., Caspers, F., Emmerich, M. Wireless impedance measurements and fault location on ESRF vacuum chamber assemblies 15181
Jacob, J. *see* Sureshkumar, P.R. 41835
Jacob, J.B., Gabriagues, J.M. Photonic ATM switching matrix based on wavelength-routing 5676
Jacob, J.B. *see* Dupraz, J. 5988
Jacob, J.B. *see* Morin, P. 5682
Jacob, K. *see* Bender, M. 22564
Jacob, M., Fortier, P. An interpretation of the spectrogram for discrete-time signals 13346
Jacob, T. *see* Bayle, F. 39967
Jacobi, C. *see* van der Linden, S. 8200
Jacobs, E. *see* Govaert, K. 31556
Jacobs, E. *see* Priest, J. 19258
Jacobs, E.C. *see* Collura, T.F. 24270
Jacobs, E.G. *see* Pinizzotto, R.F. 33754
Jacobs, E.W. *see* Boss, R.D. 45177
Jacobs, E.W. *see* Hibbs, A. 20209
Jacobs, G.M. A low-cost broadcast digital audio system decoder integrated circuit 38233
Jacobs, H. *see* Deutsch, E. 8713
Jacobs, J.K. *see* Das Gupta, S. 48336
Jacobs, K. *see* Griesche, J. 26453
Jacobs, L.J., Woolsey, C.A. Transfer functions for acoustic emission transducers using laser interferometry 24541
Jacobs, M. *see* Adler, D. 7628
Jacobs, P.A.M. Experimental evaluation of camouflage effectiveness in the thermal infrared 47329
Jacobs, R., Mathieu, J., Landy, F., Baratta, T., Robinson, G., Hofmann, D., Ringenbach, K. Organizational processes and nuclear power plant safety: research summary 39774

Jacobs, R. *see* Taschek, W.G. 40070
Jacobs, R.P. Keep your vacuum system under tight control 26170
Jacobs, S.D. *see* Korenic, E.M. 44033
Jacobs, S.D. *see* Soures, J.M. 3410
Jacobs-Cook, A.J., Bowen, M.E.C. Novel optical fibre/microresonator interfacing technology 11588
Jacobsen, C.S. *see* Larsen, J.G. 2878
Jacobsen, F., Olsen, E.S. The influence of microphone vents on the performance of sound intensity probes 32122
Jacobsen, F., Olsen, E.S. Testing sound intensity probes in interference fields 38760
Jacobsen, G. Performance of DPSK and CPFSK systems with significant post-detection filtering 45920
Jacobsen, G. Optical heterodyne limiter-discriminator and discriminator FSK systems 45983
Jacobsen, G. *see* Christensen, B. 30835
Jacobsen, G. *see* Christensen, B. 38081
Jacobsen, G. *see* Dallal, Y.E. 5901
Jacobsen, J.E. *see* Halzen, F. 38847
Jacobsen, J.G. Telecom Australia's corporate data network 14153
Jacobsen, K. Experiences in GPS photogrammetry 39367
Jacobsen, S. Introduction of the bivariate squared coherence spectrum and its application to radar 44899
Jacobsen, S.K. *see* Gislason, E. 13182
Jacobsen, T. *see* Zachau-Christiansen, B. 17335
Jacobsen, W.F., Jensen, R.J., Loy, J.M., Speerschneider, C.J. Application of MCM-C and MCM-D for spaceborne data processors 15958
Jacobson, A.K. *see* Reed, J.W. 17175
Jacobson, B.S. High frequency resonant gate driver with partial energy recovery 26713
Jacobson, D.C., Poate, J.M., Higashi, G.S., Boone, T., Eaglesham, D.J., Hockett, R. Ion implanted calibration standards for Si surface contamination detection by TXRF 34750
Jacobson, D.C. *see* Benton, J.L. 10842
Jacobson, D.C. *see* Gossmann, H.-J. 19507
Jacobson, D.C. *see* Gossmann, H.-J. 19529
Jacobson, D.C. *see* Michel, J. 43654
Jacobson, D.C. *see* Poate, J.M. 10829
Jacobson, D.C. *see* Ren, F.Y.G. 11868
Jacobson, D.C. *see* Ren, F.Y.G. 20584
Jacobson, D.R. A quality assurance phantom for diagnostic radiology 24166
Jacobson, J. *see* Yamamoto, Y. 20852
Jacobson, J.D. *see* Liu, X. 42611
Jacobson, J.M. *see* Davis, A.B. 32613
Jacobson, J.T. *see* Parker, J.L., Jr. 34429
Jacobson, N. *see* Feldman, U. 36810
Jacobson, S.A. *see* Kim, J.O. 14929
Jacobson, T.L., Zimpfer, S. Noncommercial computer networks and national development 30398
Jacobson, V. *see* Floyd, S. 22540
Jacobson, V. *see* Floyd, S. 30248
Jacobson, V.L. *see* Johnston, W.E. 37467
Jacobsson, C. *see* Cronstrom, H. 31804
Jacobsson, S. *see* Acharya, P.R. 36398
Jacobus, P.L. *see* Kumar, K.S. 8175
Jacovitti, G., Neri, A. Estimation of the autocorrelation function of complex Gaussian stationary processes by amplitude clipped signals 44940
Jacovitti, G. *see* Cusani, R. 4353
Jacovitti, G. *see* Cusani, R. 22197
Jacovitti, G. *see* Neri, A. 36969
Jacovitti, G. *see* Scarano, G. 4736
Jacovitti, G. *see* Scarano, G. 13418
Jacquemard, B. *see* Gao, J. 7138
Jacquemin, B., Santoro, A.M., Sautriau, F. HV/MV substation monitoring-control architecture communication by local networks system configuration 25616
Jacquemin, J.P. *see* Granier, M. 15547
Jacques, I. *see* Arques, D. 512
Jacques, L.V., Morcos, A. Lessons learned in QIP [for electric utilities] 32313
Jacques, P. *see* Abe, K. 7260
Jacques, P. *see* Abe, K. 15619
Jacques, P. *see* Abe, K. 46930
Jacquet, J., Serre, F., Gaumont-Goarin, E., Labourie, C., le Gouezigou, O., Gaborit, F., Fortin, C., Pagnod, P., Landais, P., Duan, G.H. 2.5 Gbit/s optical triggering with signal reshaping using bistable laser with proton bombarded saturable absorber 35974
Jacquet, J. *see* Chiaroni, D. 37687
Jacquet, J. *see* Landais, P. 20758
Jacquet, J. *see* Ottolenghi, P. 28878
Jacquet, L., Ratti, G., Thabussot, L., Jaud, P. Development of the CFB compared with other clean coal combustion techniques 39959
Jacquet, P. Random infinite trees and supercritical behavior of collision resolution algorithms 22361
Jacquier, B., Joubert, M.-F., Linares, C. Relaxation of high-lying states in solid state upconversion lasers 28784
Jacquier, B. *see* Malinowski, M. 12070
Jacquin, A.E. Fractal image coding: a review 21972
Jacquinot, J.C. *see* Chiaroni, D. 37687
Jacquot, B. *see* Melin, G. 15579
Jacumeit, G. *see* Weber, R. 3376
Jaderko, A. *see* Krzeminski, Z. 16880
Jadkowski, M.A. Digital aerial image-based GIS applications for pipeline and electric transmission rights-of-way 16285
Jadoul, L., Van Dun, J., Jadoul, M. From software and hardware formal design towards an integrated system design methodology 5277
Jadoul, M. *see* Jadoul, L. 5277
Jae Cheol Son, Iichko Song, Sangyoub Kim, Seong Ill Park, Jin Seon Yun, Yoon Kyoo Jhee Performance characteristics of a generalized Neyman-Pearson detector with fuzzy information 13242
Jae Cheol Son, Sun Yong Kim, Iickho Song, Yoon Kyoo Jhee Statistical characteristics and performance analysis of locally optimum fuzzy detector for known signals 21732
Jae Chung *see* McBride, R.R. 17891
Jae Guen Kim *see* Chang Ki Lee 5651
Jae Hak Lee *see* Hwan Seong Moon 33734
Jae Ho Song, Byoung Seob Park, Jong In Chung, Sung Chun Kim, Tak Don Han Improvement and performance analysis of TICOM II system bus protocol 45322
Jae Hwan Park *see* Won Soo Lim 33826
Jae Hwang Lee, Chu Shik Jhon An expert system model for IC mask layout compaction 41570
Jae Hyeok Lee *see* Hyung Keun Ryu 8155
Jae Hyun Kim, Jong Kyu Lee Performance evaluation of media access control protocols in wireless local area network 45333
Jae Hyup Kim *see* Jin Hyeung Kong 942
Jae Koo Lee *see* Sang June Hahn 3693
Jae Lee Seung *see* Seung Jae Lee
Jae Lee Yong *see* Yong Jae Lee
Jae Moon Kim *see* Heung Youl Youm 4451
Jae S. Yoo, Young T. Ko., Georgui Park, Tae I. Kim, Kyung I. Kang, Han S. Kim Material characteristics of InGaAsP/InGaP lasers 20916
Jae Suk Lee *see* Hwan Seong Moon 33734
Jae Won Ham *see* Gun Woo Moon 8644
Jae Won Han *see* Hyun Chil Choi 18460
Jae Yeal Nam *see* Chicteuk Ahn 30988
Jae Young Lee, Hee Cheon No A 9-rule fuzzy logic controller of the nuclear steam generator 47656
Jae-Chang Shim *see* Jeong-Yeop Kim 30031
Jae-Cheol Kim, Tae-Sock Ro Current policy issues in the Korean telecommunications industry 13930
Jae-Eung Oh *see* Sang-Yu Lee 19748
Jae-Hee Ha *see* Yeo-Song Seol 10889
Jae-Heung Yoon *see* Sue-Jen Wu 9344
Jae-Ho Choi *see* Hyo-Sung Kim 17089
Jae-ho Choi *see* Hyo-sung Kim 17090
Jae-Ho Choi *see* Tae-Woong Kim 8623
Jae-Ho Song, Sung-Chun Kim Hierarchical cache/bus with distributed memory and a cache coherence protocol 37137
Jae-Hong Yim, Yong-Jin Park Design and implementation of group communication platform for supporting collaborative works 37497
Jae-Hoon Chung *see* Bong-Gyu Kim 30940
Jae-Hwan Kim, Bong-Jin Yum A heuristic method for solving redundancy optimization problems in complex systems 41019
Jae-Ki Sim *see* Seong-Ju Park 717
Jae-Ki Sim *see* Seong-Ju Park 9578
Jae-Kyoon Kim *see* Joon-Hycon Jeon 29950
Jae-Woo Park, Chul-Hi Han, Choong-Ki Kim Modeling of edge threshold voltage of mesa-isolated n-channel MOSFETs on fully-depleted thin film SOI 42985
Jaechul Yoo, Yillbyung Lee Speaker-dependent speech recognition using SEJONG NET 36598
Jaeckel, H. *see* Risk, W.P. 12220
Jaeckle, V. *see* Nake, C. 31611
Jaecklin, A.A. Future devices and modules for power electronic applications 9955
Jaecklin, A.A. *(editor)* Power Semiconductor Devices and Circuits 62
Jaecklin, V.P., Linder, C., de Rooij, N.F., Moret, J.-M. Comb actuators for xy-microstages 17135
Jaecklin, V.P. *see* Brugger, J. 27622
Jaeger, A., Hoerstel, W., Thiede, M., Schafer, P., Elsing, J. 2D channel transport of metal-insulator semiconductor field-effect transistors on narrow-gap $Hg_{1-x}Cd_xTe$ ($0.2<x\leq0.3$) 19875
Jaeger, C.D., Liang, A.Y. Improved protection for alarm communications systems 5620
Jaeger, F. Fibre in the loop and the European market 14664
Jaeger, J.L., Carlson, R.T. Laser communications for covert links 6044
Jaeger, N.A.F., Mingche Chen 'Cul-de-sac' microstrip resonators for high speed integrated optical commutator switches 5649
Jaeger, N.A.F., Tsou, B.P.C. Calculation of the fundamental mode sizes in optical channel waveguides using Gaussian quadrature 35436
Jaeger, R.C., Suhling, J.C., Carey, M.T., Johnson, R.W. Off-axis sensor rosettes for measurement of the piezoresistive coefficients of silicon 46400
Jaeger, R.C. *see* Bhavnani, S.H. 323
Jaeger, R.C. *see* Tomana, M. 18508
Jaegermann, W. *see* Schlaf, R. 33616
Jaegle, P. *see* Zeitoun, P. 43709
Jaehee You FFT array processor system with easily adjustable computation speed and hardware complexity 1271
Jaekel, A., Bandyopadhyay, S., Sengupta, A. Layout influenced factorization of Boolean functions 41831
Jaen, J. *see* Lopez Araguas, J.P. 24926
Jaen, J. *see* Tram, H. 7876
Jaen, J.A. *see* Llovet, J. 26337
Jaenen, P. *see* Pforr, R. 2277
Jaenisch, H.M., Barton, P.E., Carruth, R.T. Determining the fractal dimension of scenes and digital signals using ROSETA and other novel approaches 5088
Jaeschke, E. BESSY II, a state of the art synchrotron light source for Berlin-Adlershof 15270
Jaeschke, E. *see* Burkmann, K. 15463
Jaeschke, E. *see* Grieser, M. 6900
Jaeschke, E. *see* Grieser, M. 15303
Jaeschke, E. *see* Kleffner, C.-M. 15524
Jaeschke, E. *see* von Hahn, R. 15518
Jaesoo Yang, Manikopoulos, C.N. Theoretical analysis of the CEBus with three priorities 37111
Jaesoo Yang, Manikopoulos, C.N. Performance comparisons of the CEBus with other protocols 37112
Jaesoo Yang *see* Manikopoulos, C.N. 37397
Jaesung Han, Jensen, K.F., Senzaki, Y., Gladfelter, W.L. Pyrolytic laser assisted chemical vapor deposition of Al from dimethylethylamine-alane: characterization and a new two-step writing process 27769
Jafar, M., Haneman, D. Metal incorporation and heat-pulse measurement in amorphous hydrogenated silicon quantum devices 34911
Jafari, M.A. *see* Srinivasan, V.S. 17958
Jaffard, C. *see* Poirier, F. 34119
Jaffard, J.-L. *see* Chaussy, D. 14779
Jaffe, C.C. *see* Tagare, H.D. 37034
Jaffe, D.A. *see* Schloss, W. 14857
Jaffe, J.S. Three-dimensional ultrasonic sensing of underwater animals 14721
Jaffe, J.S. *see* McGehee, D. 16050
Jaffe, J.S. *see* McGehee, D. 32138
Jaffe, M. FDDI experience at the SSCL 45505
Jaffe, S. *see* Liu, T. 14796
Jaffe, S.M., Rochon, M., Yen, W.M. Increasing the frequency stability of single-frequency lasers 3728
Jaffery, T.S. *see* Wake, M. 15366
Jaffrezic, N. *see* Dilhan, M. 46418
Jaffrezic-Renault, N. *see* Hendji, A.N. 6610
Jaffrezic-Renault, N. *see* Rocher, V. 38740
Jaffrezic-Renault, N. *see* Saby, C. 6607
Jafrancesco, D. *see* Lapucci, A. 3731
Jagadish, C., Clark, A., Li, G., Larsen, C.A., Hauser, N., Petravic, M., Thompson, T.D., Halstead, T., Williams, J.S. Characterisation of III-V multilayers grown by low-pressure metal organic vapour-phase epitaxy 719
Jagadish, C. *see* Li, G. 33654
Jagadish, C. *see* Pearton, S.J. 2095
Jagadish, C. *see* Sreenivas, K. 19673
Jagadish, R. *see* Poovamma, P.K. 47921
Jagadish Kumar, D. *see* Keshava Murthy, V. 45710
Jagannadh, K. *see* Murthy, L.S.N. 7927
Jagannadham, K. *see* Zheleva, T. 26430
Jagannathan, P., Sooriyakumaran, R., Sachdev, H. New silicon containing negative resist for bilayer lithography 11091
Jagannathan, P. *see* Brunsvold, W. 11082
Jagannathan, S., Makur, A., Madhavan, R. Variable-rate block interpolative coding for satellite images 29890
Jagannathan, V. *see* Kulkarni, A.K. 16618
Jagd, A., Myken, S., Phillips, C., Theologou, O., Giamniadakis, J., Migliarina, G. Implementation of string mode: a multi-link broadband network protocol 14183
Jagdhold, U. *see* Bauch, L. 2311
Jagdhold, U. *see* Bauch, L. 27761
Jagdhold, U.A., Erzgraber, H.J. Simulation of self diffusion effects of silylated polymers during dry development 11093
Jager, A. *see* Bilitewski, U. 6609
Jager, A. *see* Visser, H. 47124
Jager, C.W.de *see* de Jager, C.W.
Jager, D., David, G., von Wendorff, W. Fundamentals of optical beam testing 43522
Jager, D. *see* David, G. 27266
Jager, D. *see* David, G. 42238
Jager, D. *see* Dragoman, M. 43069
Jager, D. *see* Knigge, S. 3802
Jager, D. *see* Mertin, W. 42237
Jager, D. *see* Safrankova, J. 38510
Jager, D. *see* Stohr, A. 28509
Jager, D. *see* Taenzler, F. 42236
Jager, F., Colgan, T. GSM network optimisation 37858
Jager, F., Mark, R.G., Moody, G.B., Divjak, S. Analysis of transient ST segment changes during ambulatory monitoring using the Karhunen-Loeave transform 24318
Jager, G. *see* Grunwald, R. 23925
Jager, G.De *see* De Jager, G.

Jager, M., Osterfeld, U., Ackermann, H.-J., Hornung, C. Building a multimedia ISDN PC 5587
Jager, M. *see* Gehler, J. 20363
Jager, N.D., Verma, A.K., Dreszer, P., Newman, N., Liliental-Weber, Z., Van Schilfgaarde, M., Weber, E.R. First direct observations of EL2-like defect levels in annealed LT-GaAs 34891
Jager, P.W.H.de *see* de Jager, P.W.H.
Jager, R. Using OSI to provide real-time communication 37483
Jager, R. Communication mechanism for the pan European digital mobile network 37778
Jager, W. *see* Werner, P. 10737
Jager, W.A.G.de *see* de Jager, W.A.G.
Jager-Waldau, G., Habermeier, H.-U., Zwicker, G., Bucher, E. Temperature dependent electron-beam-induced-current investigation of electronic damages in silicon due to reactive ion etching 27701
Jaggi, A. *see* Zhao, S.P. 7299
Jaggi, B., Pontifex, B., Swanson, J., Poon, S.S.S. Performance evaluation of a 12-bit, 8 Mpel/s digital camera 6576
Jagher, P.C.De *see* De Jagher, P.C.
Jagielinski, T.M. *see* Zeltser, A.M. 43300
Jagiello, A.S., Matras, A., Tertil, Z. Short-circuit in armature winding of commutator DC-machine 40252
Jagielski, P. *see* Nyka, K. 26107
Jago, J.R., Whittingham, T.A. A practical system for the application of ultrasound computed tomography to medical imaging 47066
Jago, J.R. *see* Henderson, I. 15817
Jagodzinski, U. *see* Patzelt, T. 1500
Jagt, L.Van Der *see* Van Der Jagt, L.
Jahan, M.M., Anwar, A.F.M. Self-consistent calculation of shot noise in a double-barrier resonant tunneling structure in the presence of magnetic field 19366
Jahan, M.M. *see* Anwar, A.F.M. 19889
Jahanmir, S. *(editor)* Machining of Advanced Materials. Proceedings of the International Conference on Machining of Advanced Materials (NIST SP 847) 17740
Jahn, A. *see* Bottcher, A. 45895
Jahn, E. *see* Reier, F.W. 41261
Jahn, W. Improving the quality by statistical process analysis 26234
Jahne, H.J. *see* Hackel, I. 8802
Jahnel, F. *see* von Criegern, R. 42616
Jahnel, L. *see* Liu Lin 7033
Jahnel, L. *see* Liu Lin 15684
Jahnes, C. *see* Brusic, V. 11488
Jahngen, E.G.E. *see* Kyriacou, D. 8733
Jahnig, T. *see* Bohlig, D. 48204
Jahnke, B., Hansen, S.A. XLPE-insulated cable rated up to 400 kV for EHV power transmission 47509
Jahnke, F., Henneberger, K., Schafer, W., Koch, S.W. Transient nonequilibrium and many-body effects in semiconductor microcavity lasers 20877
Jahnke, P. *see* Bergmark, T. 31594
Jahns, J., Acklin, B. Integrated planar optical imaging system with high interconnection density 3122
Jahns, J. *see* Acklin, B. 17926
Jahns, J. *see* Acklin, B. 43678
Jahns, T.M., De Doncker, R.W.A.A., Radun, A.V., Szczesny, P.M., Turnbull, F.G. System design considerations for a high-power aerospace resonant link converter 39302
Jahns, T.M. *see* Venkataramanan, G. 8493
Jahreis, T. *see* Borg, G.G. 40387
Jai, A.El *see* El Jai, A.
Jai Singh *see* Furong Zhu 8753
Jai-Hoon Sim *see* Kuo, J.B. 34955
Jai-Hyung Lee *see* Sun-Hyun Youn 28854
Jain, A., Farkas, J., Kodas, T.T., Hampden-Smith, M.J., Gelatos, A.V., Marsh, R., Mogab, C.J. Passivation of silicon dioxide surface hydroxyl groups to control selectivity during chemical vapor deposition of copper from copper(I) compounds 34796
Jain, A., Kai-Ming Chi, Hyun-Koock Shin, Farkas, J., Kodas, T.T., Hampden-Smith, M.J. Recent advances in copper CVD 19653
Jain, A., Kodas, T.T., Hampden-Smith, M.J. Process integration issues in chemical vapor deposited copper-based metallization 19661
Jain, A., Kodas, T.T., Jairath, R., Hampden-Smith, M.J. Selective and blanket copper chemical vapor deposition for ultra-large-scale integration 27800
Jain, A. *see* Mishra, D.K. 38709
Jain, A. *see* Tripathy, S.C. 39499
Jain, A.C. *see* Elkins, D.I. 9043
Jain, A.K., Bolton, R.J., Abd-El-Barr, M.H. CMOS multiple-valued logic design. I. Circuit implementation 18634
Jain, A.K., Bolton, R.J., Abd-El-Barr, M.H. CMOS multiple-valued logic design. II. Function realization 18635
Jain, A.K. *see* Abd-El-Barr, M.H. 27116
Jain, A.K. *see* Newman, T.S. 13618
Jain, A.K. *see* Roy, A.K. 47486
Jain, A.P., Thakurta, A.G. Case study of property change in transformer oil in OCB at site 17125
Jain, B.M. Expansion procedures in E-10B exchanges 5659
Jain, B.M. CCITT No. 7 signalling system 45485
Jain, L.C., Bowden, B.S. A framework for a knowledge based approach for designing electronic circuits and systems 948
Jain, L.C., Bowden, B.S. Development of expert system course for electronic engineering students 33262
Jain, L.C. *see* Hungenahally, S.K. 4963
Jain, L.C. *see* Rowland, J.G. 18400
Jain, M.K. *see* Taylor, D.S. 802
Jain, P., Soin, H., Cardella, M. Constant frequency resonant DC/DC converters with zero switching losses 41648
Jain, P., Tanju, M. Improved DC/AC interface inverter for high-frequency space applications 24437
Jain, P.K. Energy resources and demand in Botswana with special reference to solar energy 25270
Jain, P.K., Basu, B.N., Sinha, A.K. Analytical approaches to the study of helical slow-wave structures for broadband TWTs 27432
Jain, P.K., Nijegorodov, N., Kartha, C.G. Role of solar energy in development in Botswana 39708
Jain, P.K. *see* Nijegorodov, N. 33174
Jain, R. FDDI: current issues and future plans 5465
Jain, R. Review of the policy changes in the Indian telecom sector: implications for decision makers 22378
Jain, R. *see* Alexander, S.B. 6055
Jain, R. *see* Bhattacharya, B.K. 16531
Jain, R. *see* Chung, B.-Y. 5715
Jain, R. *see* Khalili, P. 22223
Jain, R. *see* Mohan, S. 37834
Jain, R. *see* Mujumdar, A. 41729
Jain, R. *see* Mujumdar, A. 41776
Jain, R. *see* Rim, M. 41590
Jain, R. *see* Swanberg, D. 5337
Jain, R.C., Voss, W.A.G. Microwave ovens: their operation and cooking limitations 33156
Jain, R.C. *see* Morris, T.M. 412
Jain, R.K. Calculated performance of indium phosphide solar cells under monochromatic illumination 17395
Jain, R.K., Flood, D.J. Influence of the dislocation density on the performance of heteroepitaxial indium phosphide solar cells 25702
Jain, R.K., Landis, G.A., Wilt, D.M., Flood, D.J. Strained $In_{0.40}Al_{0.60}As$ window layers for indium phosphide solar cells 48129
Jain, R.K. *see* Jain, S. 41012
Jain, R.P. *see* Kulkarni, A.K. 16618
Jain, S., Jain, R.K. An application of SPRT for detecting change point in a reliability growth model 41012
Jain, S.C., Poortmans, J., Iyer, S.S., Loferski, J.J., Nijs, J., Mertens, R., Van Overstraeten, R. Electrical and optical bandgaps of $Ge_x Si_{1-x}$ strained layers 34548
Jain, S.C. *see* Poortmans, J. 10681
Jain, S.K. *see* Bindal, V.N. 32136
Jain, V., Nariani, S.R., Gabriel, C., Boardman, W., Chan, D., Chang, K.Y., Gordon, K., Wong, R. Amorphous silicon anti-fuse for high-speed FPGA application 18652
Jain, V.K. Study of heterodyne and direct detection receivers with an optical preamplifier in space communications 5942
Jain, V.K., Gupta, A., Kumar, A., Singhal, G.K., Parora, O., Srinivasan, T., Ahuja, D.S., Puri, P.P., Kumar, V. Bright red electroluminescence in diffused porous silicon *p-n* junction 3365
Jain, V.K., Wadekar, S.A., Lei Lin A universal nonlinear component and its application to WSI 18776
Jainapurkar, A.D., McCrosky, C.D., Wood, H.C. Simulation of MOS VLSI circuits using parallel processors 26582
Jaing, Y., Hacker, J. Distributed-Bragg reflectors and 90° couplers for cylindrical wave devices 3622
Jairath, R., Bath, H., Davis, S., Desai, M., Perry, K., Sivaram, S., White, A. Slurry chemistry effects during chemical-mechanical polishing of silicon oxide films 19606
Jairath, R. *see* Jain, A. 27800
Jaisingh, L.R., Dey, D.K., Griffith, W.S. Properties of a multivariate survival distribution generated by a Weibull and inverse-Gaussian mixture 41020
Jaisson, D., Bachelot, F. An oscillator with a Gunn diode integrated in a dielectric resonator 34237
Jaiswal, B.L., Goyal, S.K. Monitoring stress/vibration of rotating components using telemetry 6859
Jajszczyk, A., Jekel, G. A new concept—repackable networks 5261
Jajszczyk, A., Kubasik, J. Telecommunication tariffs in central Europe 22400
Jakab, L. *see* Barocsi, A. 11717
Jakab, L. *see* Szarvas, G. 11670
Jakati, R.K. *see* Bhatnagar, P.V. 16511
Jakeman, E., Frank, J.P., Balmer, G.J. The effect of enhanced backscattering on target detection [radar] 46093
Jakimov, T.D. *see* Sahpaski, B.V. 17646
Jakkli, R. *see* Enjeti, P.N. 8498
Jaklic, A. *see* Filo, M. 47104
Jakob, E. *see* Weyrauch, T. 44074
Jakob, G. *see* Reich, N. 28690
Jakob, P., Chabal, Y.J., Kuhnke, K., Christman, S.B. Monohydride structures on chemically prepared silicon surfaces 27682
Jakobs, K. User requirements vs. OSI application services 14178
Jakobs, K., Heinrichs, B., Lenssen, K., Reinhardt, W., Hand, S. The EuroBridge project—providing integrated multimedia communication 37438
Jakobs, K. *see* Heinrichs, B. 14059
Jakobs, K. *see* Heinrichs, B. 14182
Jakobsen, J. Buffered Benes networks with bit rate conversion 37070
Jakobsen, M.L., Hossack, W.J., Greated, C.A., Easson, W.J. PIV analysis using an optically-addressed spatial light modulator 13475
Jakobsen, P.K. *see* Moloney, J.V. 28948
Jakobson, G., Weissman, M. Alarm correlation 45443
Jakobus, T. *see* Hulsmann, A. 27315
Jakoby, B., Baghai-Wadji, A.-R. Real space Green's function for stacked structures consisting of bianisotropic materials 27201
Jakopovic, Z., Bencic, Z., Zunac, R. A correction of measured power MOSFET's normalized temperature response because of a case temperature rise 2540
Jakopovic, Z. *see* Bencic, Z. 23926
Jakovljevic, Z., Firak, M. Computer-aided processing of measurement data collected on two-phase flow test loop 39948
Jakowatz, C.V., Jr., Wahl, D.E. Eigenvector method for maximum-likelihood estimation of phase errors in synthetic-aperture-radar imagery 30888
Jakubiec, J. Metrological properties of a form of time series used for recurrent algorithms representation of measured data processing 14917
Jakubik, W., Urbanczyk, M. An influence of vapours of some organic compounds and water on acoustic properties of selected polymer layers 16037
Jakubovics, J.P. *see* Aharoni, A. 43276
Jakubowicz, A. Electron beam charging thermography of mirrors of semiconductor laser diodes 20953
Jakubowicz, A., Oosenbrug, A. SEM/EBIC characterization of degradation at mirrors of GaAs/AlGaAs laser diodes 43869
Jakubowicz, A., Oosenbrug, A., Forster, Th. Laser operation-induced migration of beryllium at mirrors of GaAs/AlGaAs laser diodes 3588
Jakubowicz, A. *see* Bona, G.-L. 28863
Jakubowski, W. *see* Momot, I. 42445
Jakusz, J. *see* Czarniak, A. 1084
Jal, E. Peering through church windows at better condenser design 16522
Jalabert, R.A. *see* Baranger, H.U. 42492
Jalade, J. *see* Sanchez, J.-L. 1036
Jalali, B. *see* Baquedano, J.A. 11142
Jalali, B. *see* Baquedano, J.A. 19771
Jalali, B. *see* Macaulay, J.M. 2029
Jalali, B. *see* Watson, G.P. 711
Jalali, J. *see* Raib, E.R. 32478
Jalbrzykowski, S. *see* Dawidziuk, J. 17098
Jallet, L. *see* Abou Chahine, S. 31399
Jalloul, L.M.A., Holtzman, J.M. Wideband DS/CDMA signals in multipath fading channels: analysis, simulation and measurements 37708
Jalonen, M. *see* Toivonen, M. 10722
Jalowiecki, I.P. *see* Habiger, C.M. 34120
Jalsovszky, G. *see* Vazsonyi, E.B. 34773
Jamali, H., Wood, S.L., Cristi, R. Experimental validation of the Kronecker product Godard blind adaptive algorithms 21883
Jamali, H. *see* Wood, S.L. 22292
Jamali, M.M. *see* Djouadi, A. 21912
Jamali, S.H., Tho Le-Ngoc Bandwidth efficient communication via a Rayleigh fading channel using RS coded multiphase signaling 21619
Jambhale, A.S. *see* Patil, S.A. 19352
Jambor, L. *see* Drozd, A. 44414
Jambunathan, K. *see* Wang, L.S. 46615
Jamdagni, A.K. *see* Foster, B. 31714
Jamelot, G. *see* Zeitoun, P. 43709
Jamerson, C., Long, T. Design techniques for synchronous-switch post regulators 26703
Jamerson, F.E. Battery technology: new developments in the USA 40585
James, A.G. *see* Duhlev, R. 43452
James, B.W. *see* Khachan, J. 869
James, C., Hub, D.R. The effect that weighting of different stages of a degree course has on degree classification 94
James, C.R. *see* McMullin, J.N. 20345
James, C.R. *see* Vermeulen, F.E. 43468
James, D. *see* Rivard, W.G. 18899
James, D.C. *see* Olsen, R.G. 24935
James, D.G. Primitive representations by unimodular quadratic forms 502
James, D.V. *see* Slater, M. 26957
James, E. *see* Johns, K. 31685
James, F.A.J.L. *(editor)* Correspondence of Michael Faraday. Vol.2. 1832-December 1840. Letters 525-1333 40697

James, G.C. Phase retrieval and near-field antenna measurements 21398
James, G.C., Poulton, G.T., McCulloch, P.M. Panel setting from microwave holography by the method of successive projections 36373
James, G.L., Clark, P.R., Bird, T.S. Dual-band Potter-type coaxial feed for Cassegrain antennas 4350
James, J.R. Mobile antenna systems—highlights of recent developments in personal communication equipment 45786
James, J.R., Andresic, G. Comments on 'On the use of the Hilbert transform for processing measured CW data' 13204
James, J.R. *see* Andrasic, G. 12762
James, J.R. *see* Andrasic, G. 12775
James, L.D. *see* Foster, D.F. 33607
James, M.K. *see* Shurmer, H.V. 6622
James, R.E. *see* Aubin, J. 25519
James, R.R. *see* Heyman, E.V.V. 19108
James, S.D. *see* Murphy, T.C. 17249
James, S.W., Youden, K.E., Jeffrey, P.M., Eason, R.W., Chandler, P.J., Zhang, L., Townsend, P.D. Waveguide mutually pumped phase conjugators 3830
James, T.W., Kapolnek, D.J., Kunimoto, W. Cryogenic cooling and packaging for high temperature superconductor electronics 28415
James, W.D. *see* Baenziger, M.A. 47559
James, W.M., Lindberg, P. Multifunction sensor for target recognition 5085
Jameson, A.R. Estimating the path-average rainwater content and updraft speed along a microwave link 7609
Jameson, A.R. The meteorological parameterization of specific attenuation and polarization differential phase shift in rain 29181
Jameson, A.R. *see* Kostinski, A.B. 39382
Jameson, L. On the wavelet based differentiation matrix 629
Jameson, R.A. On scaling and optimization of high-intensity low-beam-loss RF linacs for neutron source drivers 6890
Jameson, R.A., Lawrence, G.P., Schriber, S.O. Accelerator-driven transmutation technology for energy production and nuclear waste treatment 6915
Jamieson, D.G. *see* Cheesman, M.F. 13074
Jamieson, D.G. *see* Comelisse, L.E. 15695
Jamieson, D.G. *see* Sainani, D.R. 13010
Jamieson, D.G. *see* Schneider, T. 24366
Jamieson, D.N. *see* Breese, M.B.H. 12526
Jamieson, S. *see* Hall, T.J. 11905
Jamieson, S. *see* Kirk, A. 28552
Jamieson, S. *see* Kirk, A.G. 12466
Jamin, S., Shenker, S., Zhang, L., Clark, D.D. An admission control algorithm for predictive real-time service 5335
Jammal, A. *see* Thollon, F. 8397
Jamnejad, V. *see* Densmore, A. 22942
Jamnejad, V. *see* Densmore, A. 36381
Jamnejad, V. *see* Densmore, A.C. 21417
Jamoussi, M., Kaminska, B. Data path testability evaluation via functional testability measures 41732
Jamoussi, M., Kaminska, B., Mukhedkar, D. Testability of one-dimensional iterative arrays using a variable testability measure 34024
Jampala, A. *see* Vadari, S. 32270
Jampala, S. Fractals: classification, generation and applications 18009
Jan, C.-H. *see* Chen, C.-P. 19424
Jan, D., Raghavan, S. Synthesis and characterization of positively charge-modified polyproplyene membrane 34651
Jan, E.E. *see* Flanagan, J.L. 4516
Jan, G.J. *see* Hsu, K.T. 42886
Jan, S.T. *see* Juang, M.H. 2234
Jan, W.Y. *see* Carraresi, L. 23619
Jan, W.Y. *see* Fox, A.M. 10690
Jan, W.Y. *see* Froberg, N.M. 43519
Jan, W.Y. *see* Goossen, K.W. 3377
Jan, W.Y. *see* Goossen, K.W. 11681
Jan, W.Y. *see* Goossen, K.W. 35497
Jan, W.Y. *see* Goossen, K.W. 43530
Jan, Y.-J. *see* Shen, W.-Z. 18586
Jan Ching Yuh *see* Ching Yuh Jan
Jan Kwan-Hwa *see* Kwan-Hwa Jan
Jan Mau San *see* San Jan Mau
Jan Ying-Wei *see* Ying-Wei Jan
Jan Yung-Jung *see* Yung-Jung Jan
Jana, A.K., Duttagupta, P.B., Prasad, G.D. An improved linearized method for evaluation of bus voltage for line outage contingency 7745
Janacek, T. *see* Liu, D. 10997
Janah, H. *see* Bezille, J. 47510
Janah, H. *see* Marlard, T. 16360
Janardhanan, P. *see* Basha, A.M. 40100
Janaszek, M., Kosicki, M. Transistorized DC servo-drives of the KOM type 48154
Janata, J. *see* Domansky, K. 27801
Janati, M. *see* Liu, X. 4696
Janati, M. *see* Youlal, H. 22004
Jancaitis, K. *see* Comaskey, B. 20713
Jancauskas, J.R. CM—make this nuclear mystery a valuable help to your plant [power plant configuration management] 25086
Jancauskas, J.R. *see* Coldren, M.R. 25196
Janczak, J. *see* Emanuel, A.E. 47503
Janczewski, L.J., Targowski, A.S. Towards global telematic policy, the paradigmatic approach 30272
Jandel Lin *see* Horng-Chih Lin 2052
Jandel Lin *see* Horng-Chih Lin 9755
Jandel Lin *see* Horng-Chih Lin 33688
Jander, M. Handheld LAN testers get a grip of internetworks 22613
Jandrasits, A. Extension programme of the Austrian 380 kV ultra-high voltage network 24635
Jandrasits, A. *see* Hartmann, D. 32456
Jandrell, I.R. *see* Lang, M.A.I. 39347
Jandrell, L.H. An integrated radio-locating packet data network with potential for application to surface traffic management at commercial airports 39332
Jane, C.-C., Lin, J.-S., Yuan, J. Reliability evaluation of a limited-flow network in terms of minimal cutsets 17961
Jane, R., Laguna, P., Thakor, N.V., Caminal, P. Adaptive baseline wander removal in the ECG: Comparative analysis with cubic spline technique 15876
Jane, R. *see* Laguna, P. 15882
Jane, R. *see* Laguna, P. 47107
Janer, C. *see* Carrasco, J.M. 8562
Janet, G.L. Selecting a network management protocol: functional superiority vs. popular appeal 22466
Jang, B.K., Chin, R.T. Reconstructable parallel thinning 45200
Jang, H.Y. *see* Choi, B.S. 23346
Jang, J., Buczkowska, T. Effect of delay and packet loss on MPEG coded video: a subjective evaluation 36912
Jang, J. *see* Hwang, J.R. 28150
Jang, J. *see* Lee, S.K. 34999
Jang, K.-H. *see* Kim, S.-Y. 6202
Jang, K.-H. *see* Lee, S.-W. 6203
Jang, K.-U. *see* Lee, J.-U. 42253
Jang, P.R. *see* Cook, R.L. 25805
Jang, Y.H. *see* Yoon, J.K. 34995
Jang, Y.K., Chicharo, J.F., Ribbum, B. Pitch detection and estimation using adaptive IIR comb filtering 4551
Jang Dong-Hoon *see* Dong-Hoon Jang
Jang Gyu Lee *see* Ick Ho Whang 36647
Jang Gyu Lee *see* Ick Ho Whang 44870
Jang Han-Kee *see* Han-Kee Jang
Jang Jin *see* Jin Jang
Jang Ju-Seog *see* Ju-Seog Jang
Jang Liu *see* Mu-Kuen Chang 37564
Jang Sei-Joo *see* Sei-Joo Jang
Jang Seong Hwan *see* Seong Hwan Jang
Jang Sheng-Lyang *see* Sheng-Lyang Jang
Jang Soon Hwa *see* Soon Hwa Jang
Jang Won Ick *see* Won Ick Jang
Jang Yoon Ki *see* Yoon Ki Jang
Jang-Cheng Ho, I Nan Lin, Kuo-Shung Liu Characterization of (Pb,La) TiO_3 thin films prepared by the sol-gel method 33683
Jangra, L.R., Rajan, J.N., Biswas, B.B., Govindarajan, G. Rod worth minimizer system for TAPS 8116
Janhonen, S. *see* Roman, H. 24755
Janhsen, A. *see* Hansen, V. 10423
Jani, M.G., Barnes, N.P., Murray, K.E., Lockard, G.E. Long-pulse-length 2-μm diode-pumped $YLiF_4$ laser 3490
Janicki, G.C. *see* Bailey, V. *(editor)* 40764
Janiczek, J. *see* Drabik, W. 15331
Janig, C. The information and communication system of the city of Unna. A hierarchical client-server network architecture as one module of the information and communication system in the Unna municipal administration 16223
Janik, D. *see* Kinard, J.R. 6284
Janik, J., Muller, M. Some remarks on the ion optics of beam delivery systems for tumor treatment 24342
Janisch, H.N. At last! A new Canadian telecommunications act 22391
Janischewskyj, W. *see* Herodotou, N. 25021
Janischewskyj, W. *see* Li, Y.M. 32504
Janiszewski, A. *see* Michalik, W. 8424
Janiszewski, J.M. *see* Piantini, A. 47454
Jank, A., Jung, M., Schmoranzer, H. Application of electron-beam testing technique to potential profile measurements in thin film semiconductor devices 48135
Janker, R. Diffusion of excited state molecules in FIR- and CO_2-lasers 3448
Janker, R. *see* Harth, A. 12279
Jankiewicz, T.T., Panzer, G.W. Multichip module/system heat management using diamond materials 26193
Jankovic, L. *see* Vengsarkar, A.M. 38546
Jankovic-Ramljak, G., Kalacic, M., Dakovic, Z. System AXE 10 for local, transit and combined switching centres 45717
Jankowska, K. *see* Comedi, D. 10666
Jankowski, M., Eichmann, G. Three-dimensional Fourier shape descriptors 4865
Jankowski, M. *see* Mauersberger, H. 39878
Jankowski, S., Wanczuk, R. Nonlinear CNN cloning templates for image thickening 4970
Jankus, V.Z. *see* Cha, Y.S. 11522
Jannakos, I. *see* Borsch, H. 15552
Janniello, F.J., Ramaswami, R., Steinberg, D.G. A prototype circuit-switched multi-wavelength optical metropolitan-area network 5561
Janniello, J. *see* Cidon, I. 30411
Janning, J. *see* Bocker, J. 17429
Jannson, T. *see* Chen, R.T. 3371
Jannson, T. *see* Chen, R.T. 20343
Jannson, T. *see* Hirsh, J. 20248
Jannson, T. *see* Savant, G. 20246
Jannson, T. *see* Sun, Z.J. 21325
Jannson, T. *see* Wang, M.R. 3190
Jannson, T. *see* Wang, M.R. 11900
Janocha, H., Kohlrusch, J. Application of a modified Kalman-filter for the transit time correlation 31480
Janocko, M.A. *see* Piatnicia, A.Y. 4288
Janoff, M.S. Visual performance under positive-contrast test conditions 48467
Janos, S. *see* Abplanalp, M. 24046
Janos, S. *see* Berger, C. 20186
Janos, S. *see* Furlan, M. 31728
Janos, S. *see* Leoni, R. 24048
Janosi, I.M., Tel, T. Reconstruction of chaotic sets from transient chaotic time series: an overview for experimentalists 36675
Janossy, M., Csillag, L., Donko, Z., Rozsa, K. Noble gas mixture hollow cathode lasers 43714
Janovsky, V., Seige, V. A global analysis of Newton iterations for determining turning points 26355
Janowitz, J. *see* Harrison, L. 39200
Janowska-Dmoch, B. *see* Campos, J. 12413
Janq-Hwa Leu *see* Wei-Ching Chuang 3120
Jans, E. *see* Blok, H.P. 38935
Jans, E. *see* Zondervan, A. 46867
Jans, J.C. *see* Oostra, D.J. 2016
Jansen, A. Telecommunication and strategic networks in rural areas 30465
Jansen, A.G.M. *see* Kokkedee, J.A. 1671
Jansen, B.H., Nyberg, H.N., Zouridakis, G. Selective averaging of evoked potentials using trajectory-based clustering 39069
Jansen, D.D. *see* Furstenau, N. 7521
Jansen, D.P., Hutchins, D.A., Mottram, J.T. Lamb wave tomography of advanced composite laminates containing damage 33784
Jansen, D.P. *see* Hutchins, D.A. 9853
Jansen, E.J. *see* Staring, A.A.M. 43926
Jansen, H., Buchkremer, H.-P., Stover, D., Wippermann, K. Cell component fabrication by wet powder spraying [SOFC] 33017
Jansen, H. *see* Ertel, J. 17796
Jansen, H. *see* Knapp, O. 17795
Jansen, H. *see* Wippermann, K. 17265
Jansen, J.T.M. *see* Zoetelief, J. 15788
Jansen, M., Ou, S.S., Yang, J.J., Sergant, M., Hess, C., Tu, C., Hayashida, P., Bowler, D., Alvarez, F., Harpole, G., Emanuel, M.A. Efficient, high-power monolithic two-dimensional surface-emitting diode laser arrays mounted in the junction-down configuration 20847
Jansen, M. *see* Botez, D. 11643
Jansen, M. *see* Bowler, D.P. 20937
Jansen, M. *see* Mawst, L.J. 12182
Jansen, M. *see* Mawst, L.J. 20823
Jansen, M. *see* Ou, S.S. 12221
Jansen, M. *see* Ou, S.S. 20861
Jansen, M. *see* Ramanujan, S. 35767
Jansen, M.G. *see* Prasad, R. 5728
Jansen, M.G. *see* Prasad, R. 5787
Jansen, M.G. *see* Prasad, R. 14390
Jansen, P.L., Lorenz, R.D. Accuracy limitations of velocity and flux estimation in direct field oriented induction machines 16853
Jansen, P.L., Lorenz, R.D. A physically insightful approach to the design and accuracy assessment of flux observers for field oriented induction machine drives 40551
Jansen, P.L., Thompson, C.O., Lorenz, R.D. Observer-based direct field orientation for both zero and very high speed operation [of asynchronous machines] 16849
Jansen, R.H. Some notes on hybrid-mode versus quasi-static characterization of high frequency multistrip interconnects 27140
Jansen, R.H., Barnard, J.A. Full-wave characterization and CAD of CPW type MMIC components using the UNISIM electromagnetic simulator 42231
Jansen, R.H. *see* Engels, M. 1604
Jansen van Doorn, A.K. *see* van Exter, M.P. 3615
Janson, M. *see* Hill, G.R. 6051
Janson, M. *see* Ojala, P. 35488
Janssen, A.J.E.M. The Zak transform and sampling theorems for wavelet subspaces 44970
Janssen, G.C.A.M. *see* Jongste, J.F. 10738
Janssen, G.C.A.M. *see* Jongste, J.F. 42605
Janssen, G.C.A.M. *see* Leusink, G.J. 828
Janssen, G.C.A.M. *see* Oosterlaken, T.G.M. 18249
Janssen, G.J.M. Performance of two receiver structures for simultaneous reception of two BPSK modulated cochannel signals 36495
Janssen, G.J.M., Stigter, P.A., Prasad, R. A model for BER evaluation of indoor frequency selective channels using multipath measurement results at 2.4, 4.75 and 11.5 GHz 45842
Janssen, G.J.M. *see* Zigic, A. 37895

Janssen, G.L.J.M., Fleurkens, J.W.G. ESCAPE: the Eindhoven Schematic Capture Environment 958
Janssen, H., Klein, R. Characterization of large-area reference sources for the calibration of alpha-contamination monitors 46836
Janssen, H. *see* Schonfeld, E. 38842
Janssen, H. *see* Vuong, S.T. 37139
Janssen, J.G.W.M., de Bot, P.G.M., Wijlaars, A.J.M. Antenna diversity for digital video broadcasting 38228
Janssen, M.J.A., Swenne, C.A., de Bie, J., Rompelman, O., van Bemmel, J.H. Methods in heart rate variability analysis: which tachogram should we choose? 7419
Janssen, M.J.A. *see* Swenne, C.A. 24299
Janssen, R. Low voltage networks 16325
Janssen, W. About the influence to the voltage waveform of cylindrical rotor synchronous generators caused by the slot openings 47857
Janssen, W., Zwiers, J. Specifying and proving communication closedness in protocols 13892
Janssens, G.K. Collision dependent performance model for a star topology local area network 30484
Janssens, R.V.F. *see* Davids, C.N. 24115
Janssens, T.J. QUICKTRACK [ballistic target track initiation algorithm] 32165
Jansson, B., Norman, D., Thomsen, P.L., Strandem, A. New features of the Skagerrak 3 HVDC intertie 47490
Jansson, B. *see* Nyman, A. 47458
Jansson, C., Chen, K., Svensson, C. Linear, polynomial and exponential ramp generators with automatic slope adjustment 41716
Jansson, R., Wigren, R., Jarrendahl, K., Lundstrom, I., Arwin, H. A quasi three-dimensional optical memory with n-bit memory cells based on the ellipsometric principle: concept and prototype devices 20291
Jansson, U. Ultra-high vacuum CVD of W and WSi_2 films by Si reduction of WF_6 19630
Jansweijer, P.P.M. *see* Kroes, F.B. 7141
Jansz, W., Sun, W., Leblebici, Y., Kang, S.M. Fast hot-carrier reliability diagnosis using macro-models 20016
Jantsch, W. *see* Ostermayer, G. 42411
Jantti, V. *see* Lipping, T. 39067
Jantti, V. *see* Loula, P. 39070
Jantti, V. *see* Yli-Hankala, A. 31916
Jantz, W. *see* Fernandez de Avila, S. 34668
Jantze, M., Nagel, M. Practical application of infrared thermography in fossil generating stations 32650
Januar, I., Mickelson, A.R. Characteristics of S-shaped waveguide structures by the annealed proton exchange process in $LiNbO_3$ 43497
Januar, I. *see* Jordan, H.F. 28557
Januszewski, S. Discrete semiconductor devices and power integrated circuits used in power electronics equipments 1051
Januszewski, S., Kociszewska-Szczerbik, M. Semiconductor power devices failures in converter circuits 8612
Janvier, M. *see* Hoeffelman, J. 24924
Janwa, H., Wilson, R.M. Hyperplane sections of Fermat varieties in P^3 in Char. 2 and some applications to cyclic codes 12851
Janz, S., Chatenoud, F., Dai, H., Vilks, E., Buchanan, M., Normandin, R., Springthorpe, A.J. Multilayer $Al_xGa_{1-x}As$ heterostructures for second-harmonic generation 11635
Janz, S., Dai, H., Chatenoud, F., Dion, M., Normandin, R. Intracavity and resonant external cavity laser frequency doubling using semiconductor heterostructures 21071
Janz, S. *see* Dai, H. 3401
Janz, S. *see* Dai, H. 12385
Jao, Y.-W., Mayo, D.F., Sinha, R.K. Results with special additives for controlling opacity on Units 1 and 2 of ontario Hydro Lakeview thermal generating station 16635
Jao-Chiang Pong *see* Chung-Ming Huang 45357
Jaouen, C. *see* Le Boudec, P. 20677
Jaouen, Y., Roudas, I., Gallion, P. Experimental reduction of phase-noise influence for an optical CPFSK system with I.F. filtering 23062
Jap, P.J. *see* Li, C.-a. 24608
Jaques, J., Dawson, F.P., Bonert, R. A tracking bandpass filter for the rejection of power system disturbances 7741
Jaques, J. *see* Abbott, B. 7245
Jaques, J. *see* Abbott, B. 31776
Jaquier, A. *see* Probst, P.-A. 46338
Jar Forr Yang *see* Yuan-Boon Chen 30149
Jar-Ferr Yang, Chorng-Guang Chen Modified cubic interpolation for image up conversion 30158
Jar-Ferr Yang, Shih-Chang Shaih, Bor-Long Bai Fast two-dimensional inverse discrete cosine transform for HDTV or videophone systems 36878
Jaragh, M.H., Hussain, M.G.M. Systolic array architecture for two-dimensional deconvolution 41908
Jaramillo Florez, S.A. Coherent monomode fibre optic communications system with binary modulation of circular polarisation 23044
Jaravine, V.A. *see* Sunthankar, S. 36789
Jarczyk, L. *see* Ernst, J. 31659
Jardan, R.K., Peremy, G., Ruumpol, G.J. A novel high performance converter system 32923
Jardin, P. *see* Mauc, M. 13153
Jardine, A.P. Cycling times of thin-film NiTi on Si 6408
Jardine, A.P., Madsen, J.S., Donnellan, T.M., Meilunas, R., Tobin, A. Manufacturing studies of fiber-optic embeddment in polymer-matrix composites 3070
Jardine, A.P. *see* Madsen, J.S. 20318
Jareno, M. *see* Casas, J.R. 30060
Jark, W. *see* Li-Jun, L. 31811
Jarlier, J. *see* Coulomb, B. 22821
Jarlskog, G. *see* Benvenuti, A. 7252
Jarman, R.H., Wallenberg, A.J., Thresh, R.J. Growth and fabrication of single crystal $Yb,Tm:BaY_2F_8$ fibres for upconversion visible laser operation 20734
Jarmasz, M.R., Cheng, V., Martens, G.O. Synthesis of pipelineable complex wave digital filters 42072
Jarmin, R.D. *see* Bearnson, G.B. 15923
Jarmoszko, A.T. *see* Chereshkin, D. 22394
Jarnal, R., Erhart, W. Virtual measuring instruments implemented in the C-language: use of the ANSI-C standard 6304
Jarnicki, J. *see* Anders, G.J. 32425
Jaros, M. *see* Shaw, M.J. 44118
Jaros, M. *see* Wong, K.B. 12374
Jaros, M. *see* Wong, K.B. 36008
Jaroslawski, S. *see* Ahmed, T. 38929
Jaroszewicz, T. *see* Bleszynski, E.H. 29165
Jaroszinsky, D. *see* Glotin, F. 7019
Jaroszynski, D. *see* Glotin, F. 3683
Jaroszynski, D.A., Bakker, R.J., Van der Meer, A.F.G., Oepts, D., van Amersfoot, P.W. Coherent startup of an infrared free-electron laser 12264
Jaroszynski, D.A., Prazeres, R., Glotin, F., Ortega, J.M. Two-color free-electron laser operation 44005
Jaroszynski, D.A. *see* Bakker, R.J. 3685
Jaroszynski, D.A. *see* Bakker, R.J. 20924
Jaroszynski, D.A. *see* Glotin, F. 43976
Jaroszynski, D.A. *see* van Amersfoort, P.W. 12257
Jarrendahl, K. *see* Jansson, R. 20291
Jarriel, L.F. *see* Tylavsky, D.J. 24668
Jarrix, S., Delseny, C., Pascal, F., Lecoy, G., Dangla, J. Low frequency noise in p^+-GaAs resistors 2607
Jarrix, S. *see* Pascal, F. 19766
Jarron, P. *see* Anghinolfi, F. 1079
Jarron, P. *see* Bates, S. 24057
Jarron, P. *see* Beker, H. 7152
Jarron, P. *see* Campbell, M. 46972
Jarron, P. *see* Dierickx, B. 24001
Jarron, P. *see* Ionescu, A. 19803
Jarrott, B. Jindalee over the horizon radar network 6139
Jarry, B. *see* Billonnet, L. 10420
Jarry, P. *see* Aleksan, R. 46903
Jarry, P. *see* Tanne, G. 1445
Jarry, P. *see* Vinchant, J.-F. 5946
Jarventausta, P., Verho, P., Partanen, J. Fault location in distribution networks using the heuristic knowledge of control center operators 32239
Jarventausta, P. *see* Partanen, J. 24792
Jarventausta, P. *see* Verho, P. 24903
Jarventausta, P. *see* Verho, P. 32237
Jarviluoma, M. *see* Heikkila, T. 21986
Jarvis, D.R. The calibration of sound intensity instruments 39412
Jarvis, L. Low cost, improved magnesium battery 17163
Jarvis, O.N. *see* Hawkes, N.P. 7290
Jarvis, R. An autonomous mobile robot in a rangepic world 13774
Jarvis, R.A. *see* Badcock, J.M. 30922
Jarwala, M. Design for test approaches to mixed-signal testing (panel) 6334
Jarwala, N., Yau, C.W., Stiling, P., Tammaru, E. A framework for boundary-scan based system test and diagnosis 10570
Jarylkapov, S.J. *see* Dvortsov, S.V. 15462
Jasenek, J. *see* Cermak, O. 23919
Jasinski, A., Bartosiewicz, L., Zakrzewski, Z. System control of frequency changer with resonant link permitting of the zero current switching 47964
Jasinski, A. *see* Bartosiewicz, L. 47963
Jasinski, M. Using GIS to dispatch telephone technicians 14084
Jasiobedzki, P., Jenkin, M., Milios, E., Down, B., Tsotsos, J., Campbell, T. Laser Eye—a new 3D sensor for active vision 31295
Jaskolski, J.J. *see* Perlovsky, L.I. 29817
Jaskolski, K. The consumption of electric power in households of Poland 9008
Jaskolski, W. *see* Chico, L. 10697
Jaskorzynska, B. *see* Nilsson, J. 20748
Jaskorzynska, B. *see* Nilsson, J. 43792
Jasmina, R.M. *see* Mehra, R.M. 42434
Jason Lin Ying-Dar *see* Ying-Dar Jason Lin
Jasper, H. *see* Luehrmann, P. 2271
Jasper, H. *see* Luehrmann, P. 42798
Jasper, L. *see* Kim, A. 3335
Jaspert, D. *see* Steinmeyer, G. 21083
Jassaud, C. *see* Billon, T. 28156
Jassemnejad, B. *see* Jie Shi 20987
Jastrzebski, A.K., Shi, K., Barnaby, J., Bloom, M. Non-linear multi-mode time-domain hierarchical simulation approach to microwave CAD 27268
Jastrzebski, L. *see* Henley, W.B. 34626
Jastrzebski, L. *see* Henley, W.B. 34643
Jastrzebski, L. *see* Lowell, J. 34749
Jasutis, V. *see* Dapkus, L. 19597
Jasutis, V. *see* Krotkus, A. 31226
Jaszczak, R.J. *see* Gilland, D.R. 7357
Jaszczak, R.J. *see* Li, J. 7358
Jaszczak, R.J. *see* Turkington, T.G. 15751
Jaszczak, R.J. *see* Wang, H. 15762
Jau Liang Chen, Tzonelih Hwang Identity-based conference key broadcast schemes with user authentication 44667
Jau-Hsiung Huang *see* Wei-Jou Duh 38360
Jau-Jey Wang *see* Huang-Chung Cheng 2528
Jau-Yien Lee *see* Liang-Wei Lee 29798
Jau-Yien Lee *see* Liang-Wei Lee 30154
Jau-Yien Lee *see* Ruey-Ching Shyu 21665
Jauch, V. Reliability is the trump card [inspection] 17939
Jauchem, J. Alleged health effects of electric or magnetic fields: additional misconceptions in the literature 15929
Jaud, P. *see* Jacquet, L. 39959
Jauffret, C., Bar-Shalom, Y. Target motion analysis in the presence of false alarms 6158
Jauhiainen, A. *see* Ljungberg, K. 34769
Jauhiainen, M. *see* Rissanen, P. 39586
Jaumard, B. *see* Gourdin, E. 41115
Jauniskis, L. *see* Tayebati, P. 35479
Jaureguizar, F. *see* Ronda, J.I. 38243
Jaussaud, C. *see* Becourt, N. 683
Jaussaud, C. *see* Ouisse, T. 19476
Javidi, B., Jun Wang, Fazlollahi, A.H. Performance of the nonlinear joint transform correlator for images with low-pass characteristics 36964
Javidi, B., Qing Tang Chirp-encoded joint transform correlators with a single input plane 36924
Javidi, B., Refregier, P., Willett, P. Optimum receiver design for pattern recognition with nonoverlapping target and scene noise 4812
Javidi, B., Zhang, G., Fazlollahi, A.H., Efron, U. Application of wire-grid silicon liquid crystal light valve in nonlinear optical pattern recognition 3214
Javidi, B. *see* Refregier, P. 45145
Javidi, B. *see* Tang, Q. 36861
Javor, A., Vigh, A. Conflict handling in high level Petri nets 18021
Javor, K. A new analyzer for EMC precompliance 31124
Javor, K., Bowers, K. Low-cost audio-frequency H-field measurements 38655
Jaw, F.-S., Wang, C.-Y. Notes on the applications of A/D card for biomedical signals 47083
Jaw-Gi Peng *see* Fann-Mei Yang 2235
Jaw-Huei Hou *see* Wu, K.T. 30610
Jaw-Jueh Liu *see* Chen-Wen Tarn 20440
Jawarani, D., Stark, J.P., Kawasaki, H., Olowolafe, J.O., Lee, C.C., Klein, J., Pintchovski, F. Intermetallic compound formation in Ti/Al alloy thin film couples and its role in electromigration lifetime 19648
Jawarani, D. *see* Anderson, S.G.H. 19666
Jawerth, B. *see* Deng, B. 22116
Jawerth, B. *see* Huntsberger, T. 30052
Jaworowski, B. *see* Szumanowski, A. 48268
Jaworska, D., Tarnowska, E. Gettering of Au atoms in silicon induced by ion implantation 19491
Jaworski, M. *see* Grajew, G. 37613
Jay, B.E., Datta, A., Mathews, C., Blanyer, R. Performance of the Horizon advanced lead-acid battery 40443
Jay, D., Sabido IX, M., Tabara, M., Fong, T.K., Lu, C.-L., Kazovsky, L.G. Theoretical and experimental investigations of the dynamic range of high-frequency coherent AM optical links using semiconductor lasers 30702
Jay, T. *see* Sanders, R.L., Jr. 14162
Jay Kuo, C.-C. *see* Chun-Hsiung Chuang 30080
Jay Kuo, C.-C. *see* Haddadi, N. 13568
Jay Kuo, C.-C. *see* Haddadi, N. 29951
Jay Kuo, C.-C. *see* Kwo-Jyr Wong 30097
Jay Kuo, C.-C. *see* Lee, K.M. 22215
Jayachandran, M., Juliana, M., Lakshmanan, A.S. Studies on Cd_2SnO_4 thick layers prepared by the squeezing and sintering technique 41496
Jayachandran, M. *see* Jeyakumar, R. 41402
Jayakar, K. *see* Hseih, B.-C. 2686
Jayakrishna, R., Chandrasekharaiah, H.S., Narendra, K.G. Neuro-fuzzy controller for enhancing the performance of extinction angle control of inverters in a MTDC-AC system 24774
Jayakrishna, R. *see* Subrahmanya, S.V. 32244
Jayakumar, A. *see* Alspector, J. 1354
Jayakumar, I. *see* Narasimhan, M.S. 29299
Jayakumar, I. *see* Narasimhan, M.S. 36417
Jayakumar, R. *see* Pao, D. 22127
Jayamanna, K. *see* Levy, C.D.P. 31636
Jayamanna, K. *see* Levy, C.D.P. 31637
Jayamanna, K. *see* Schmor, P.W. 15580
Jayan, V., Sridevan, S., Vaya, P.R. Studies on sulphur-passivated GaAs/SiN interfaces 27762
Jayant, N. High quality networking of audio-visual information 5295

Jayant, N., Johnston, J., Safranek, R. Signal compression based on models of human perception 21729
Jayant, N., Johnston, J., Safranek, R. Perceptual coding of images 22079
Jayant, N.S. *see* Gould, K.W. 21667
Jayanthi, K. *see* Mansfield, G. 14140
Jayanthi, S. *see* Sharma, M.P. 16502
Jayapal, R., Uttamadoss, R. Design alternatives & selection of power consolidation system for Indian MHD retrofit plant 25366
Jayapal, R. *see* Uttamadoss, R. 25365
Jayapalan, J., Burke, M. Data services impact on architecture and signalling in mobile networks 37783
Jayaraj, V. *see* Sadasiv, G. 18871
Jayaram, K.R. Pre-moulded cable end terminations for XLPE cables 25000
Jayaram, S. Conduction in insulating oil Voltesso 35 doped with antistatic additives 43188
Jayaraman, V., Chuang, Z.-M., Coldren, L.A. Theory, design, and performance of extended tuning range semiconductor lasers with sampled gratings 12170
Jayaraman, V. *see* Nguyen, C. 1914
Jayasimha, D.N. *see* Iyengar, S.S. 38482
Jayasinghe, R.P., McLaren, P.G., Gouldsborough, T. Effect of GIC on overcurrent protection for filter banks 32494
Jayasinghe, R.P. *see* Keerthipala, W.W.L. 7989
Jayasumana, A. *see* Mahmood, A. 26873
Jayasumana, A.P. *see* Al-Assadi, W.K. 10175
Jayasumana, A.P. *see* Al-Assadi, W.K. 33981
Jayasumana, A.P. *see* Detry, R.J. 9879
Jayasumana, A.P. *see* Menon, S.M. 10072
Jayasumana, A.P. *see* Menon, S.M. 10156
Jayasumana, A.P. *see* Menon, S.M. 43110
Jayatilleke, R. From standalone CD-ROM to LANs: problems and prospects for the college environment 30450
Jayatirtha, H.N. *see* George, M.A. 2108
Jayet, Y. *see* El Guerjouma, R. 9847
Jayet, Y. *see* Perrissin-Fabert, I. 9849
Jayet, Y. *see* Perrissin-Fabert, I. 33785
Jayne, M.G. *see* Luk, P.C.K. 40077
Jayne, M.G. *see* Luk, P.C.K. 47870
Jazdzynski, W. Designing an optimal induction motor with central ring in rotor cage 40202
Jazebi, J. *see* Bahram-pour, A.R. 11975
Je-Myung Jeong *see* Jong-Dug Shin 30802
Jean, C. *see* Vaillancourt, G.H. 47605
Jean, F.-R. *see* Kuo, C.-C. 21591
Jean, J.-H., Gupta, T.K. Fabrication and properties of a new low K dielectric 9800
Jean, M. *see* Roy, G. 24516
Jean-Jumeau, R., Chiang, H.-D. Parameterizations of the load-flow equations for eliminating ill-conditioning load flow solutions 24700
Jean-Marie, A., Gun, L. Parallel queues with resequencing 22334
Jean-Marie, A. *see* Coffman, E.G., Jr. 36451
Jeang, A. Tolerance design: choosing optimal tolerance specifications in the design of machined parts 26238
Jeang Jiann-Cherng *see* Jiann-Cherng Jeang
Jeanneret, S. *see* van der Schoot, B.H. 6473
Jeannet, E. *see* Badertscher, A. 7311
Jeanney, E. *see* Devaux, F. 43523
Jeans, T. *see* Komisarczuk, P. 14186
Jeans, T.G. *see* Ahmad, J. 22872
Jeans, T.G. *see* Danesfahani, G.R. 5855
Jeans, T.G. *see* Kurpiers, A.F. 5746
Jeansson, J. *see* Abrahamsson, K. 15584
Jeavons, P. *see* van Daalen, M. 33967
Jeavons, P. *see* van Daalen, M. 34203
Jebasinski, R., Mantl, S., Dieker, C., Dederichs, H., Vescan, L., Butz, R. Ion beam synthesis of buried $CoSi_2$ layers in SiGe alloys 10880
Jebasinski, R. *see* Muller, M. 2022
Jebasinski, R. *see* Radermacher, K. 10741
Jebasinski, R. *see* Schuppen, A. 27582
Jecko, B. *see* Alaeddine, A. 4285
Jecko, B. *see* Alaeddine, A. 12723
Jecko, B. *see* Armengaud, L. 31790
Jecko, B. *see* Brugeas, I. 44383
Jecko, B. *see* Delaveaud, C. 29297
Jecko, B. *see* Delaveaud, C. 44633
Jecko, B. *see* Feix, N. 12713
Jecko, B. *see* Kellali, S. 12564
Jecko, B. *see* Raingeaud, Y. 44386
Jecko, B. *see* Reineix, A. 38145
Jecko, B. *see* Ribardiere, P. 38147
Jecko, B. *see* Roy, J.S. 12736
Jecko, B. *see* Torres, F. 12640
Jeczkowska, B. *see* Zielinski, J.S. 7856
Jedju, T.M. *see* Rothberg, L.J. 35567
Jedrey, T.C. *see* Abbe, B.S. 37636
Jedrey, T.C. *see* Abbe, B.S. 37918
Jedrey, T.C. *see* Abbe, B.S. 37921
Jedrzejek, C. *see* Szott, W. 1902
Jedrzejewski, K.P. *see* Morkel, P.R. 3564
Jee Won Hwang *see* Heung Ki Baik 4682
Jeen-Sheen Row, Kin-Lu Wong Complex resonant frequency analysis of a rectangular microstrip patch antenna loaded with a superstrate cover 4300
Jeen-Sheen Row, Kin-Lu Wong Resonance in a superstrate-loaded rectangular microstrip structure 18985
Jeen-Sheen Row *see* Wen-Shyang Chen 44573
Jeffay, K., Stone, D.L., Talley, T., Smith, F.D. Adaptive, best-effort delivery of digital audio and video across packet-switched networks 13960
Jeffay, K. *see* Abdel-Wahab, H. 45658
Jeffay, K. *see* Chung, G. 22486
Jefferies, D. Restructuring and privatisation of the electricity industry in England and Wales 47357
Jeffers, R.J., Feng, R.Q., Fowlkes, J.B., Hunt, J.W., Cain, C.A. Enhanced cytotoxicity of dimethylformamide by ultrasound in vitro 15898
Jefferson, C.M. Power management in electric vehicles 17570
Jefferson, C.M. Power module design for hybrid vehicles 48259
Jeffery, A. Recent developments in Dowty primary high rate Li/MnO_2 batteries 17187
Jeffery, A., Groeger, J.H., Damon, D.H. Influence of formulation and aging on the dielectric response of ethylene propylene rubber insulation compounds 35175
Jeffery, C.J. *see* Lilly, C.J. 37692
Jeffery, M.J. *see* Yokoyama, H. 23849
Jeffrey, M. ATM: the ultimate broadband solution? 37597
Jeffrey, P.M., Eason, R.W. Lyapunov exponent analysis of irregular fluctuations in a self-pumped $BaTiO_3$ phase-conjugate mirror, establishing transition to chaotic behavior 44084
Jeffrey, P.M. *see* James, S.W. 3830
Jeffries, A.T., III, Brzozowy, D.J., Greene, N.N., Kokubo, T., Tan, S. Novel novolac resins produced from 2,6-bishydroxymethyl-p-cresol, p-cresol and m-cresol. A method to more evenly distribute p-cresol units throughout a novolac resin 11068
Jeffs, M.D. *see* Gregory, B. 16351
Jeftenic, B.I., Matausek, M.R., Miljkovic, D.M., Bebic, M.Z., Djordjevic, R.R. Four-quadrant DC drive with β-predictive integro-derivative speed regulator 17512
Jegannathan, S. FFT-based algorithm for scattering from a circular, cylindrical shell in the presence of an inhomogeneous cylinder 12563
Jeglic, A. *see* Kranjec, P. 41645
Jeglic, A. *see* Rape, R. 41646
Jegoudez, G. *see* De Moor, P. 24029
Jchng Yeu-Shen *see* Yeu-Shen Jehng
Jekel, G. *see* Jajszczyk, A. 5261
Jekosch, U. Spaces of perceptual distinction in natural and synthetic speech 13003
Jelavic, B. *see* Granic, G. 25132
Jelen, C., Charriere, S., Razeghi, M., Leppert, V.J. Growth of InSb/GaAs layers on YIG-coated GGG substrate 9585
Jelen, C. *see* Mobarhan, K. 12213
Jelinek, M. *see* Mauc, M. 13153
Jelle, B.P., Hagen, G. Transmission spectra of an electrochromic window based on polyaniline, Prussian blue and tungsten oxide 20388
Jelley, K.W. *see* Valliath, G.T. 19203
Jellison, G.E. *see* Darken, L.S. 7160
Jellison, G.E., Jr. *see* Lowndes, D.H. 19643
Jelloian, L. *see* Lam, W. 19120
Jelloian, L. *see* Larson, L. 34239
Jelloian, L.M. *see* Matloubian, M. 1503
Jelloian, L.M. *see* Matloubian, M. 28189
Jelloian, L.M. *see* Matloubian, M. 42211
Jellouli, S. *see* Lefort, A. 40372
Jelonkiewicz, J., Linnman, S. High efficient wheelchair drive with PM synchronous motor 8894
Jelonnek, B., Kammayer, K.D. A blind adaptive equalizer based on a lattice/all-pass configuration 21764
Jelonnek, B., Kammeyer, K.D. Eigenvector algorithm for blind equalization 4702
Jelonnek, B., Kammeyer, K.D. A closed-form solution to blind equalization 44951
Jemanov, V. *see* Artamonov, A. 31697
Jemison, W.D., Herczfeld, P.R. Acoustooptic control of MMIC T/R modules for phased array beamsteering 1633
Jemison, W.D. *see* Teti, J.G., Jr. 23197
Jen, A.K.-Y. *see* Pushkara Rao, V. 44072
Jen, A.K.-Y. *see* Wong, K.Y. 44086
Jen, C.-W. *see* Lee, C.L. 13225
Jen, C.-W. *see* Lee, H.-R. 10294
Jen, C.K. *see* de Oliveira, C.A.S. 3784
Jen, C.K. *see* Wang, Z. 11426
Jen, K.C. *see* Foster, E. 33364
Jen, L. *see* Wang, J.H. 44616
Jen, S., Domalewski, M.A. Techniques for SAW device investigation using a high-performance phase-sensitive laser probe 11433
Jen, S. *see* Domalewski, M.A. 7662
Jen Chein-Wei *see* Chein-Wei Jen
Jen Tean-Sen *see* Tean-Sen Jen
Jen-Ching Lin *see* Jovanovic, M.M. 41664
Jen-Hon Luo, Chaur-Chin Chen Performance evaluation of shape features 22092
Jen-Ming Chen, Ventura, J.A., Melloy, B.J. An optimization algorithm for shape analysis of regular polygons 45040
Jen-Ren Fu *see* Tian-Hua Liu 33090
Jen-Sheng Hung, Chia-Hsing Lin, Chein-Wei Jen A novel memory architecture for video signal processor 36851
Jen-Sheng Hung *see* Chia-Hsing Lin 18716
Jen-Wei Pan *see* Tean-Sen Jen 43661
Jenden, C.M. NATO SOCMET trials 47330
Jendernalik, L., Peier, D. Expanding the bandwidth of a TEM-cell with a planar terminator 44434
Jendges, R. *see* Paap, K.L. 982
Jenekhe, S.A. *see* Antoniadis, H. 42554
Jeng, N. *see* Thakur, R.P.S. 2671
Jeng, R.J. *see* Kim, D.Y. 20247
Jeng Fure-Ching *see* Fure-Ching Jeng
Jeng Lee Long *see* Long Jeng Lee
Jeng Lih-Gwo *see* Lih-Gwo Jeng
Jeng Lin-Her *see* Lin-Her Jeng
Jeng Nanseng *see* Nanseng Jeng
Jeng Suh-Chyn *see* Suh-Chyn Jeng
Jeng-Heng Chen, Sou-Chen Lee, DeBra, D.B. Gyroscope free strapdown inertial measurement unit by six linear accelerometers 47177
Jeng-Horng Lee *see* Chu-Fang Wang 38846
Jeng-Hua Wei *see* Jenq-Shiuh Chou 9716
Jenich, M.M. *see* Brauer, J.R. 41205
Jenichen, B., Kohler, R. The influence of the real structure on the deformations in layer systems 9538
Jenie, I.Y.S., Santoso, F., Tumbaelaka, B.Y. Error analysis of neural network fractal images: an approximated IFS 9440
Jenkin, F.P. The impact of energy economics on electricity supply and demand 24828
Jenkin, M. *see* Jasiobedzki, P. 31295
Jenkins, A.P., Street, A.M., Dew-Hughes, D., Edwards, D.J. Novel on-board processing architectures for satellite spread spectrum communications 22962
Jenkins, A.P. *see* Street, A.M. 30612
Jenkins, B.K. *see* Petrisor, G.C. 11903
Jenkins, B.K. *see* Waterson, C. 43581
Jenkins, B.K. *see* Waterson, C. 43582
Jenkins, C.D. *see* Schoeneman, J.L. 30671
Jenkins, E.B. *see* Grzybowski, S. 32442
Jenkins, J. Designing interface functions with complex PLDs 33953
Jenkins, J.M., DiCarlo, L.A., Chiang, C.-J., Silka, M.J., Ranville, S., Winston, S.A., Matney, K. Impact of electrode placement and configuration on performance of morphological measures of intraventricular electrograms 24305
Jenkins, J.M. *see* Chiang, C.J. 24307
Jenkins, J.M. *see* Greenhut, S.E. 31982
Jenkins, J.M. *see* Silka, M.J. 24281
Jenkins, K. *see* Rishton, S.A. 28164
Jenkins, K.A. *see* Cressler, J.D. 19982
Jenkins, K.A. *see* Fixl, A.J. 33998
Jenkins, K.A. *see* Fixl, A.J. 42349
Jenkins, K.A. *see* Mii, Y. 43122
Jenkins, L. *see* Sreerama, K.R. 32261
Jenkins, M.D. Integrated voice and data communications for air traffic service applications 39318
Jenkins, M.K. *see* Liu, Z.J. 8278
Jenkins, N., Vaudin, A. Earthing of wind farms 25339
Jenkins, N. *see* Cooper, C.B. 39569
Jenkins, P.P., Hepp, A.F., Power, M.B., Macinnes, A.N., Barron, A.R. Photoluminescence intensity enhancement of GaAs by vapor-deposited GaS: A rational approach to surface passivation 42736
Jenkins, P.P., MacInnes, A.N., Tabib-Azar, M., Barron, A.R. Gallium arsenide transistors: realization through a molecularly designed insulator 42979
Jenkins, P.T. *see* Miethig, M. 46514
Jenkins, R., Andrews, D. Technology insertion in a MATE station: lessons learned 23448
Jenkins, R. *see* Davies, K. 11523
Jenkins, R.B., Sauer, J.R., Radehaus, C., Benner, A.F., Ablowitz, M.J., Beylkin, G. Techniques for detecting densely wavelength-multiplexed solitons 30776
Jenkins, R.M., Heaton, J.M., Wight, D.R., Parker, J.T., Birbeck, J.C.H., Smith, G.W., Hilton, K.P. Novel 1×N and N×N integrated optical switches using self-imaging multimode GaAs/AlGaAs waveguides 28516
Jenkins, S.D. Status of Tampa Electric Company IGCC project 32754
Jenkins, W.K. *see* Chen, E.J. 7401
Jenkins, W.K. *see* Hein, I.A. 24255
Jenkins, W.K. *see* Hull, A.W. 21885
Jenkinson, C.G. Fault location and testing on XLPE cables 47519
Jenkinson, C.G., Reynders, J.P. Partial discharge measurements using tailored excitation waveforms 35114
Jenkinson, H.A. *see* Zavada, J.M. 2074
Jenkner, P.K. *see* Silence, S.M. 20235
Jenko, B., Paulin, A. A guideline for charged particles 31586
Jenko, M. *see* Grajew, G. 37613
Jenks, D.B. *see* Stefani, G.G. 27356
Jenn, D.C., Fletcher, J.E., Prata, A. Radar cross section of symmetric parabolic reflectors with cavity-backed dipole feeds 4298
Jenn, D.C., Francis, R.M., Klopp, K.A. Computer model for axially symmetric dielectric radomes in the near field of a circular aperture 44634
Jenn Gwo Huang, Jaccodine, R.J., Young, D.R. Improvement of the SiO_2/Si interface of metal-

oxide-semiconductor devices using gate dielectrics formed by NF_3-aided oxidation and N_2O post-annealing 34637
Jennewein, E., Becker, R., Kleinod, M., Probstel, U., Muller, A., Schennach, S., Haselbauer, J., Spies, W., Uwira, O., Wagner, M., Angert, N., Klabunde, J., Mokler, P., Spaedtke, P., Wolf, B Recombination of partially stripped heavy ions with free electrons 23963
Jennewein, P. *see* Euteneuer, H. 15286
Jenni, F., Wueest, D. The optimization parameters of space vector modulation 17022
Jennings, A. Customer adaptive communication services 30340
Jennings, A., Horan, P., Hegarty, J. Optical vector auto-correlation using asymmetric Fabry-Perot devices 11757
Jennings, A., Horan, P., Hegarty, J. Optical neural network with quantum well devices 43573
Jennings, A., Kelly, B., Hegarty, J., Horan, P. Second order neural network implementation using asymmetric Fabry-Perot modulators 11789
Jennings, A., Sember, P. Personalising communication services 13994
Jennings, B. *see* Cummings, K.D. 27973
Jennings, B. *see* Koek, B. 27974
Jennings, G.F., Lenhart, W.J. An art gallery theorem for line segments in the plane 4858
Jennings, K.L. *see* Cirillo, J.R. 3045
Jennings, P. *see* Ball, R. 44476
Jennings, P. *see* Lever, P. 4157
Jennings, R.J. Computational methods for the design of test objects and tissue substitutes for radiologic applications 24188
Jenq-Gong Duh *see* Bi-Shiou Chiou 9806
Jenq-Muh Hsu *see* Chung-Ming Huang 45357
Jenq-Shiuh Chou, Jeng-Hua Wei, Si-Chen Lee Enhanced phosphorus diffusion during the glow discharge deposition of n-type amorphous silicon hydrogen alloy 9716
Jenq-Shiuh Chou, Si-Chen Lee Improved process for liquid phase deposition of silicon dioxide 41405
Jenq-Wen Huang *see* Wen-Teng Lo 42142
Jensen, A.S. Limitations to room temperature IR imaging systems 31279
Jensen, C. *see* Fredric, C. 48141
Jensen, D.R. *see* Fischer, G.E. 15362
Jensen, D.W. *see* Pai, S.P. 23661
Jensen, E. *see* Caspers, F. 7078
Jensen, E.W., Demant, L., Sanchez, R. A model for estimation of the pulmonary capillary pressure 39077
Jensen, G.L. *see* Czirr, J.B. 47239
Jensen, J.B., Nielsen, M. A simple genetic algorithm applied to discontinuous regularization 541
Jensen, J.F., Schattner, P., Shah, A., Gorfu, Y., Green, P. Clinical scanner for B-, C- and reflex transmission imaging 7411
Jensen, J.F. *see* Hafizi, M. 34917
Jensen, J.F. *see* Stanchina, W.E. 19799
Jensen, J.W. *see* Blaabjerg, F. 8791
Jensen, J.W. *see* Pedersen, J.K. 8581
Jensen, K. *see* Bellegarda, J. 13122
Jensen, K.B. *see* Haslov, P. 2981
Jensen, K.F. *see* Danek, M. 18262
Jensen, K.F. *see* Han, J. 34814
Jensen, K.F. *see* Han, J. 42783
Jensen, K.F. *see* Jaesung Han 27769
Jensen, K.L., Ganguly, A.K. Simulation of field emission from silicon: self-consistent corrections using the Wigner distribution function 19283
Jensen, K.O. *see* Daniels, M.E. 19379
Jensen, L. *see* Moller, B.A. 43500
Jensen, M. *see* Min, J. 14487
Jensen, M.A., Rahmat-Samii, Y. Isolated and coupled superquadric loop antennas for mobile communications applications 36350
Jensen, M.A., Rahmat-Samii, Y. Electromagnetic characteristics of superquadric wire loop antennas 44604
Jensen, M.A. *see* Rahmat-Samii, Y. 44610
Jensen, N. *see* Mikkelsen, B. 23011
Jensen, O. *see* Gregotski, M.E. 32061
Jensen, O.P. Calculating wire capacitance in integrated circuits 43082
Jensen, O.S. *see* Gravesen, P. 31199
Jensen, P.M.R. An ASIC array architecture for the DITPOS algorithm 36602
Jensen, P.M.Rands *see* Rands Jensen, P.M.
Jensen, R. *see* Tseng, B.H.P. 1234
Jensen, R.J. *see* Jacobsen, W.F. 15958
Jensen, R.V. *see* Lin, W.A. 42491
Jensen, S.H. Acoustic echo canceller for hands-free mobile radiotelephony 22871
Jensen, U., Guang-Hui Hsu Optimal stopping by means of point process observations with applications in reliability 453
Jenshan Lin *see* Nogi, S. 36437
Jenson, L. *see* Menon, R. 4653
Jenssen, H.P. *see* Di Lieto, A. 35712
Jenstrom, D.T. *see* Myers, D.R. 45121
Jensz, J. *see* Vukovic, R. 14052
Jentschel, H.-J. *see* Huhn, T. 22685
Jeon, B., Landgrebe, D.A. Decision fusion with reliabilities in multisource data classification 21847
Jeon, D.Y. *see* Early, K. 27828
Jeon, D.Y. *see* Liu, T.M. 20025
Jeon, H. *see* Grillo, D.C. 3647
Jeon, H. *see* Grillo, D.C. 28811
Jeon, H. *see* Salokatve, A. 12146
Jeon, H. *see* Salokatve, A. 20767
Jeon, H. *see* Xie, W. 9536
Jeon, K.I. *see* Chough, K.B. 42996
Jeon, W. *see* Onuki, T. 40259
Jeon Hyung Wook *see* Hyung Wook Jeon
Jeon Hyung-Wook *see* Hyung-Wook Jeon
Jeon Joon-Hyeon *see* Joon-Hyeon Jeon
Jeon Kye-Ik *see* Kye-Ik Jeon
Jeon Young Jin *see* Young Jin Jeon
Jeon Young-Jin *see* Young-Jin Jeon
Jeong, D.-K. *see* Kih, J. 44494
Jeong, H., Markle, D.A., Owen, G., Pease, R.F.W., Grenville, A. Optical projection system for gigabit dynamic random access memories 27938
Jeong, H. *see* Owen, G. 27842
Jeong, H.K. *see* Kang, K.S. 16513
Jeong, J.I., Moon, J.H., Hong, J.H., Kang, J.S., Lee, Y.P. Low-resistivity transparent In_2O_3 films prepared by reactive ion plating 33677
Jeong, J.I. *see* Lee, Y.P. 11450
Jeong, S.-W., Somenzi, F. A new algorithm for the binate covering problem and its application to the minimization of Boolean relations 26877
Jeong, S.H. *see* Lee, J.H. 35101
Jeong, S.K., Sekiguchi, T., Kobayashi, H., Fujikawa, K. A method to eliminate transient torque of induction motors 16851
Jeong, W. *see* Park, S. 20875
Jeong Deog-Kyoon *see* Deog-Kyoon Jeong
Jeong Gi O *see* Gi O Jeong
Jeong Hyun Kim, Eui Yeal Oh, Byung Chul Ahn, Donggil Kim, Jin Jang Performance improvement of amorphous silicon thin-film transistors with SiO_2 gate insulator by N_2 plasma treatment 28162
Jeong Hyun Kim *see* Byung Chul Ahn 9794
Jeong Hyun Kim *see* Byung Chul Ahn 28148
Jeong Hyun Kim *see* Byung Chul Ahn 34998
Jeong Je-Myung *see* Je-Myung Jeong
Jeong Jong Sool *see* Jong Sool Jeong
Jeong Kwang-Sub *see* Kwang-Sub Jeong
Jeong Mo Yeo, Sang Bock Cho Algorithms for detecting coupling faults in semiconductor RAM's 1220
Jeong Moog Kim *see* Chil-Min Kim 3434
Jeong Myung-Yung *see* Myung-Yung Jeong
Jeong Ok Jin *see* Ok Jin Jeong
Jeong Soo Byun, Sug Bong Kang, Hyeong Joon Kim, Cha Yeon Kim, Kyo Ho Park Epitaxial growth of $CoSi_2$ on Si wafer using Co/Ta bilayer 18149
Jeong Yong Lee *see* Chang Woo Lee 27771
Jeong Yong Lee *see* Chang Woo Lee 42749
Jeong-Ky Min Performance of end to end flow control in LAN/WAN interconnection 45603
Jeong-Rae Ro *see* Seong-Ju Park 717
Jeong-Rae Ro *see* Seong-Ju Park 9578
Jeong-Seon Park *see* Seong-Whan Lee 29745
Jeong-Soo Kim *see* Ji-Beom Yoo 662
Jeong-Yeop Kim, Jae-Chang Shim, Yeong-Ho Ha Color image enhancement based on modified IHS coordinate system 30031
Jeong-Yeop Kim, Yeong-Ho Ha Color image enhancement using color constancy based on modified IHS coordinate system 4992
Jeppesen, S.E., Poulsen, K.B. The text communications battlefield: installed base, externalities and the fall of the teletex system 37378
Jeppson, K.O. *see* Hedenstierna, N. 41859
Jepson, A.D. *see* Fleet, D.J. 29885
Jequier, F. *see* Pamela, J. 46734
Jequier, F. *see* Watanabe, K. 38831
Jer Min Jou, Shung-Chih Chen PARCRIPT: a very fast combinational fault simulator 18670
Jer-Min Jou, Shiann-Rong Kuang, Ren-Der Chen Clique partitioning based integrated architecture synthesis for VLSI chips 18671
Jer-Min Tsai *see* Chen-Yi Lee 10199
Jerabek, E.C. *see* Iacovangelo, C.D. 19644
Jerabek, E.C. *see* Lacovangelo, C.D. 27391
Jerabek, G. Function and construction of the fast input switch 25900
Jerath, M.R. *see* Barrett, S.F. 47121
Jerbic, G. *see* Tonkovic, Z. 25205
Jerby, E., Bekefi, G. Cyclotron-maser experiments in a periodic waveguide 19296
Jerby, E., Bekefi, G. Nonrelativistic traveling-wave cyclotron interaction 27420
Jerby, E., Bekefi, G. AM mode-locking of a free-electron laser oscillator 43958
Jerby, E., Bekefi, G., Shahadi, A. Observation of chirping in a traveling-wave cyclotron maser experiment 43697
Jercic, I. *see* Godinovic, N. 46710
Jereb, L., Ajmone Marsan, M. On transient behaviours of slotted CSMA protocols 45364
Jergas, E. Hydroelectric power plant at Vohburg 16708
Jerger, S. *see* Ziock, H.J. 7184
Jericha, H., Pirker, H.P., Starzer, O., Dotl, R. Further development of the H_2/O_2 steam process (combustion chamber and high-temperature turbines) 39984
Jerisian, R. *see* Ciantar, E. 2522
Jerisian, R. *see* Moragues, J.M. 11219
Jerke, K.-H. *see* Lesch, A. 37555
Jermain, D.J. Evaluating delamination in constrained SMT boards 42306
Jerman-Blazic, B. *see* Trcek, D. 22484
Jermann, F., Otten, J. Light-induced charge transport in $LiNbO_3$:Fe at high light intensities 21096
Jermann, F. *see* Buse, K. 44144
Jermendy, L., Krylov, S.V., Timashova, L.V. A study of transmission line interference caused by spacers 7973
Jermendy, L. *see* Hadrian, W. 7972
Jernigan, M.E. *see* Fernandes, R.A. 4891
Jernigan, M.E. *see* Fernandes, R.A. 13665
Jernsten, K. *see* Fischetti, M. 18023
Jerolmack, C., Braun, R. System design issues in the use of MCMs in Unisys A16/A19 computers 350
Jerome, J.W. *see* Gardner, C.L. 19730
Jeromin, L.L., Kaufmann, J.E., Bucher, E.A. Free-space optical code-division multiple-access system design 14564
Jeromin, L.L. *see* Castagnozzi, D.M. 30724
Jerominek, H., Picard, F., Vincent, D. Vanadium oxide films for optical switching and detection 2933
Jeronimus, C.J.J. *see* Baggen, L.C.J. 4279
Jerse, T.A. The correct use of shielded cables 19181
Jerse, T.A., Paul, C.R., Whites, K.W. The effect of finite image plane width on the radiation from an electric line source 36271
Jeschke, K., Westkamper, E. Optimized strategies for testing electronic products 9319
Jesik, R. *see* Abbott, B. 7245
Jeske, M. *see* Munder, H. 34725
Jess, J.A.G. *see* Huijbregts, E.P. 33983
Jessen, K.E., Norgaard, K., Pedersen, H., Thomsen, A. Strategies for the introduction of broadband networks and services in Denmark 14278
Jesshope, C., Izu, C. The MP1 network chip 41942
Jesshope, C.R., Izu, C. The MP1 network chip and its application to parallel computers 26968
Jesshope, C.R., Nedelchev, I.M., Huang, C.G. Compilation of process algebra expressions into delay-insensitive circuits 9888
Jesshope, C.R. *see* Huang, C.G. 10073
Jesson, D.E., Pennycook, S.J., Baribeau, J.-M., Houghton, D.C. Evolving surface cusps during strained layer epitaxy 9597
Jesson, D.E. *see* LeGoues, F.K. 9569
Jessop, P.E. *see* Boudreau, M. 26490
Jessup, A.W. *see* Taylor, H.H. 4855
Jesupret, T. *see* Durvaux, M. 37900
Jesus, J.T.de *see* de Jesus, J.T.
Jesus, M.De *see* De Jesus, M.
Jetschke, S. *see* Ropke, U. 35384
Jetschke, S. *see* Ropke, U. 35385
Jetto, L. A numerical method for computing the approximate solution of the infinite-dimensional discrete-time optimal linear filtering problem 21817
Jeudy, V., Limagne, D., Waysand, G. Geometrically-metastable superconducting strip detectors 20187
Jeudy, V. *see* Girard, T.A. 24045
Jeudy, V. *see* Limagne, D. 24044
Jeun Gyoodong *see* Gyoodong Jeun
Jeursen, H.G., Mijnarends, H. Speed control of a continuous casting machine using a street of coupled DC-motors at Hoogovens IJmuiden 17624
Jeutter, D.C., Josse, F. Design of a radio-linked implantable cochlear prosthesis using surface acoustic wave devices 15916
Jevremovic, V. *see* Radisic, V. 19137
Jewell, G.W. *see* Grossinger, R. 43324
Jewell, J.L. *see* Bryan, R.P. 3389
Jewell, J.L. *see* Olbright, G.R. 35620
Jewell, R. *see* Fernandes, P. 971
Jewell, T.E. *see* MacDowell, A.A. 27832
Jewell, T.E. *see* Tichenor, D.A. 27831
Jewell, W.T., Rob, R.A. Computer based harmonic simulation and testing for directional distance relay 16471
Jewell, W.T. *see* Rob, R.A. 16470
Jewell, W.T. *see* Rob, R.A. 25052
Jewell, W.T. *see* Rob, R.A. 47563
Jex, I., Paul, H. Long time behaviour of the field in a lossless micromaser with intensity-dependent coupling constant 20587
Jeyakumar, R., Ramamurthy, S., Jayachandran, M., Chockalingam, M.J. Electrochemical preparation and characterization of copper indium diselenide thin films 41402
Jeyaraman, B. Earth resistance improvement 39645
Jeynes, C. *see* Lynch, S. 2061
Jeys, T.H. *see* Schulz, P.A. 3489
Jezek, K. *see* Fahnestock, M. 16013
Jezek, K.C. *see* Lytle, V.I. 32099
Jezek, K.C. *see* Rignot, E.J. 14682
Jezernik, K., Rutar, D., Milanovic, M. Nonlinear voltage control of unity power factor boost converter 17086
Jezernik, K., Volcanjk, V., Hren, A., Premzl, B. Robust observer based VSS tracking control of an IM servodrive 17464
Jezernik, K. *see* Planinc, A. 17447

Jezernik, K. *see* Premzel, B. 48314
Jezernik, K. *see* Terbuc, M. 14249
Jezernik, K. *see* Zadravec, D. 16973
Jezierski, A.F. *see* Matin, M.A. 35837
Jezierski, E. Experimental results with simplified algorithm of estimation the parameters of a dynamical system 40233
Jeziorski, A. Synthesis of an optimised double reflector antenna with dielectric cone and central feeding 44608
Jha, A. Formation of scattering centres in fluoride glass preforms and fibres 3009
Jha, A., Jha, L. Determination of far field radiation patterns of dielectric pyramidal horns from near field measurements 29295
Jha, A. *see* Deol, R.S. 2931
Jha, A.B. Microprocessor controlled onload changeover switches and their applications 8694
Jha, A.K. *see* Loha, P. 16376
Jha, B.B. *see* Raj, B. 26537
Jha, B.N. Rotation of a hollow electron beam emitted from the magnetron injection gun of a gyrotron 1806
Jha, C.S. *see* Shridhar, L. 8409
Jha, L. *see* Jha, A. 29295
Jha, L. *see* Mishra, N.H. 29323
Jha, M. *see* Bendapudi, S. 23717
Jha, N. *see* Hyungcheol Shin 2107
Jha, N.K. *see* Lee, T.-C. 26888
Jha, N.N. *see* Seshagiri Rao, V. 15972
Jha, P. *see* Pandya, T.P. 12262
Jha, P.K., Dutt, N.D. Generic RT component sets and rapid technology projection for high-level design applications 18602
Jha, P.K., Dutt, N.D. Rapid estimation for parameterized components in high-level synthesis 34027
Jha, P.K., Dutt, N.D. Rapid technology projection for high-level synthesis 41821
Jha, P.K., Ramachandran, C., Dutt, N.D., Kurdahi, F.J. An empirical study on the effects of physical design in high-level synthesis 41783
Jha, R.K. *see* Tiwari, T. 27400
Jha, R.K. *see* Tiwari, T. 27433
Jha, R.M., Bokhari, S.A., Wiesbeck, W. A novel ray tracing on general paraboloids of revolution for UTD applications 4047
Jha, S., Fry, M., Seneviratne, A. Dynamic performance management in high speed computer networks 37449
Jhang, K.-Y. *see* Kameyama, K. 3246
Jhang, K.Y. *see* Sato, T. 7379
Jhe Wonho *see* Wonho Jhe
Jhee Yoon Kyoo *see* Yoon Kyoo Jhee
Jhen, M.S. *see* Crone, R.M. 20153
Jhing-Fa Wang *see* Liang-Wei Lee 29798
Jhing-Fa Wang *see* Liang-Wei Lee 30154
Jhing-Fa Wang *see* Ruey-Ching Shyu 21665
Jhon, M.S. *see* Azarian, M.H. 2822
Jhon, M.S. *see* Azarian, M.H. 2823
Jhon, M.S. *see* O'Connor, T.M. 2824
Jhon Chu Shik *see* Chu Shik Jhon
Jhung Yonhong *see* Yonhong Jhung
Jhunjhunwala, A., Archana Rao, M., Murugesh, B., Gonsalves, T.A., Ramamurthi, B. A reliable fibre-optic ring network for process control 22634
Jhunjhunwala, A., Gupta, S. Fibre optic local loop 14638
Jby-Ping Wu, Rong-Chang Chen, Hsin-Sen Chu Thermal analysis of high-T_c superconducting bolometers 38516
Ji, P. *see* Song, F. 36879
Ji, Q., Sanford, R. Developing a TIFF reader for colored TIFF images 36954
Ji, W., Kukaswadia, A.K., Feng, Z.C., Tang, S.H. Self-defocusing of nanosecond laser pulses in ZnTe 44088
Ji, Z. *see* Leu, M.C. 27376
Ji Chen *see* Litva, J. 27283
Ji Chengzhou *see* Li Guohui 42661
Ji Chengzhou *see* Zhang Yanwen 10811
Ji Eun Lee *see* Moon Shick Chung 1579
Ji Gui-Jun, Hu Xiao-Tang, Wang Chun-Hai, Zhang Guo-Xiong Study on the differential constant angle interferometric system for measuring arbitrary angles and its self-calibration 46602
Ji Jiaqin *see* Shen Li 24902
Ji Jiaqing *see* He Jinliang 10519
Ji Jiaqing *see* Shen Li 17122
Ji Jun-Keun *see* Jun-Keun Ji
Ji Li *see* Ke Wu 44596
Ji Ming, Chen Huihuang A neural network approach to robust phoneme recognition 13115
Ji Qing-Fa *see* Mu De-Qiang 28393
Ji Qing-Fa *see* Mu De-Qiang 46638
Ji Ryong Cho, Kyung Chun Kim A simple high-performance cold-wire thermometer 23555
Ji Wang *see* Mang Wang 11825
Ji Wang *see* Mwarania, E.K. 43765
Ji Wu *see* Wu Ji
Ji Yu Shi, Hung Tat Tsui, Jie Gu Li Bandlimited feature extraction by Fejer filtering and zero-crossings of the normal curvature 13673
Ji Yuandong *see* Yuandong Ji
Ji Yusheng *see* Yusheng Ji
Ji Zhengming *see* Zhengming Ji
Ji-Beom Yoo, Jeong-Soo Kim, Dong-Hoon Jang, Byung-Hwa Koak, Dae-Kon Oh, Hong-Man Kim, Yong-Tak Lee Effects of V/III ratio on Si-doping in InGaAs lattice-matched to InP grown by organometallic vapor phase epitaxy 662
Ji-Chyun Liu, Sheau-Shong Bor, Po-Chiang Lu Comments on 'Optimum noise measure terminations for microwave transistor amplifiers' by C.R. Poole and D.K. Paul [and reply] 34260
Ji-Chyun Liu, Sheau-Shong Bor, Po-Chiang Lu Equal ripple responses for designing a Salisbury screen 36146
Ji-Fang Xu *see* Xu Ji-Fang
Ji-Fuh Liang *see* Hui-Wen Yao 42176
Ji-Guang Zhang *see* Pugh, J.R. 8770
Ji-Hong Chen *see* Chen Ji-Hong
Ji-Hua Zhang *see* Zhang Ji-Hua
Ji-Ming Peng *see* Peng Ji-Ming
Ji-Tao Wang, Chuan-Bao Cao, Pei-Ju Zheng Theoretical aspects for low pressure diamond syntheses 18289
Jia, C.L. *see* Faley, M.I. 11533
Jia, F., Mukherjee, B. The receiver collision avoidance (RCA) protocol for a single-hop WDM lightwave network 5248
Jia, J. *see* Bender, M. 22564
Jia, Q.X., Anderson, W.A. Growth and characterization of epitaxial BaF_2, on InP 18194
Jia, Q.X., Shi, Z.Q., Yi, J., Anderson, W.A. Effect of barrier layers on $BaTiO_3$ thin film capacitors on si substrates 35185
Jia, Q.X., Yi, J., Shi, Z.Q., Ho, K.K., Chang, L.H., Anderson, W.A. Electrical properties of ferroelectric thin film capacitors with different structures 10539
Jia, Q.X. *see* Shi, Z.Q. 11404
Jia, W. *see* Eilers, H. 28777
Jia, W. *see* Hommerich, U. 35304
Jia, X., Nixon, M.S. Profile feature extraction via the Walsh transform for face recognition 30013
Jia, X. *see* Besnard, P. 3532
Jia, X. *see* Paulsen, K.D. 31970
Jia Chaohua On the distribution of *ap* modulo one 18031
Jia Charng-Der *see* Charng-Der Jia
Jia Jiancheng *see* Jiancheng Jia
Jia Kechang *see* Zou Fengwu 15173
Jia Lian-Xing *see* Yuan Zhi-Min 28318
Jia Wang *see* Wang Jia
Jia Xinzhang *see* Wan Huibing 9876
Jia Yi Liang, Aitchison, C.S. Predicted signal-noise ratio of a P-I-N photodiode distributed amplifier combination 43634
Jia-Bi Chen *see* Chen Jia-Bi
Jia-Biao Zheng *see* Jian Wang 28661
Jia-Guu Leu A boundary based shape normalization technique 30023
Jia-Jing Pi *see* Pi Jia-Jing
Jia-Lin Chen, Kundu, A. Rotation and gray scale transform invariant texture identification using wavelet decomposition and hidden Markov model 37002
Jia-Min Peng, Jiang-Yong Men, Dong Miao An intelligent automatic test and diagnostic system 6341
Jia-Ming Chen *see* Chung-Ju Chang 30169
Jia-Ming Chen *see* Chung-Ju Chang 37605
Jia-Sheng Chen *see* Chen Jia-Sheng
Jia-Sheng Jin *see* Sheng-Wen Shih 30038
Jia-Sheng Zhang *see* Zhang Jia-Sheng
Jia-Shung Wang *see* Shih-Yu Huang, S. 30075
Jia-Shyong Cheng, Tai-Kang Wu, Chai-Wei Hao, Ting-Chiang Hsieh, Yuh-Ga Gong, Hsiung-Ku Chen Optimum design of liquid crystal display parameters in projection and direct view applications 6704
Jia-Wen Lin, Yung-Chang Chen, Chin-Liang Wang Efficient VLSI architectures for HDTV subband filter banks 34164
Jia-Xun Fang *see* Fang Jia-Xun
Jia-You Lee *see* Wen-Inne Tsai 8632
Jiaa, C.L., Eltoukhy, A. The advantage of an alternative substrate over Al/NiP disks 28388
Jiabi Chen *see* Chong Liu 31455
Jiabin Chen *see* Chen Jiabin
Jiabo Leng *see* Leng Jiabo
Jiacong Shen *see* Shen Jiacong
Jiadong Huang *see* Zhan Ding 31397
Jiadong Xu *see* Demesmaeker, E. 8748
Jiadong Xu *see* Luque, A. 8747
Jiadong Xu *see* Morales-Acevedo, A. 8749
Jiahe Wu *see* Wu Jiahe
Jiahn Jung Chen, Yau-Hwang Kuo, Cheng-I Kao A fuzzy neural network chip based on systolic array architecture 18946
Jiahong Zhang *see* McCammon, D. 19924
Jiahua Sun *see* Sun Jiahua
Jiajian Wang *see* Qinghai Miao 398
Jiajun Zhang, Li Zhang, Dapen Yan, Anzhi He, Liren Liu Local interconnection neural network and its optical implementation 3267
Jialin Quo *see* Quo Jialin
Jialin Xie, Jiejia Zhuang, Yongzhang Huang, Yonggui Li, Shaobo Lin, Chengsheng Mao, Runjie Ying, Yuanyuan Zhong, Lingyi Zhang, Gang Wu, Yuzhen Zhang, Lihua Li, Ensheng Fu, Weiren Liu First lasing of the Beijing FEL 43973
Jialin Xie *see* Xie Jialin
Jialu Liu *see* Liu Jialu
Jialu Zhang *see* Zhang Jialu
Jian, P., Ivey, D.G., Bruce, R., Knight, G. Pd/Ge contacts to n-type InP 27780
Jian, Q.X. *see* Wu, H.R. 30963
Jian Chen *see* Chen Jian
Jian Chu, Hongye Su, Xiehe Hu A time-delay control algorithm for an industrial electric heater 25935
Jian De *see* Bai Jian-Guo 31144
Jian Feng Lu *see* Lei Jian Liu 31846
Jian Gong *see* Guangun Gu 5495
Jian Guo Zhu, Ramsden, V.S. Core loss modelling in rotational electrical machines 40110
Jian Jiang *see* Jiang Jian
Jian Jun Wang *see* Wang Jian Jun
Jian Kang *see* Kang Jian
Jian Lai *see* Lai Jian
Jian Li, Compton, R.T., Jr. Angle of arrival estimation of coherent signals using an array doublet in motion 36643
Jian Li, Hong, S., Russell, S., Mayer, J.W. Copper-based metallization 2260
Jian Li, Mayer, J.W. Refractory metal nitride encapsulation for copper wiring 19642
Jian Li *see* Vas, P. 40564
Jian Liang He, Rote, D.M., Coffey, H.T. Applications of the dynamic circuit theory to Maglev suspension systems 48369
Jian Liang Xiong *see* Xiong Jian Liang
Jian Liu *see* Liu Jian
Jian Liu Lei *see* Lei Jian Liu
Jian Lu *see* Qishao Zhang 34221
Jian Ni, Chandler, S.A.G. Connectivity properties of radio telephone network 22895
Jian Shang *see* Shang Jian
Jian Sun, Xingren Wang, Xisheng Han Averaged modelling and analysis of buck ZCS-QRC 8540
Jian Wang, Fu-Long Zhang, Wen-Cheng Wang, Jia-Biao Zheng, Xiao-Yuan Hou, Xun Wang Transient electroluminescence behavior and mechanism of a Schottky-type porous silicon diode 28661
Jian Wang, Yongjiang Wang, Hong Guo Investigation of time-dependent resonant interband tunneling 34577
Jian Wei, Brooksby, R.C., Lewkowits, S., Mohammed, B. Improving MFC reliability using gas purification 42601
Jian Xu *see* Hyman, S.A. 7436
Jian Yang *see* Shulman, D.D. 33919
Jian Zhan *see* Zhan Jian
Jian Zhang, Nianle Wu, Jianwei Wang, Jun Zhao, Yizhuang Xu, Qinghua Zhong Coaxial fast recirculated flow tunable cw CO laser 43743
Jian Zhang *see* Zhang Jian
Jian Zhou *see* Jianping Yan 24568
Jian Zou *see* Zou Jian
Jian-Cheng Liang *see* Liang Jian-Cheng
Jian-Cheng Liu *see* Liu Jian-Cheng
Jian-Guo Bai *see* Bai Jian-Guo
Jian-Guo Du *see* Du Jian-Guo
Jian-Guo Huang *see* Huang Jian-Guo
Jian-Guo Zhang Self-synchronization optical sampling technique for high-speed asynchronous optical communication network using a central mode-locked laser 14580
Jian-Guo Zhang New architecture for self-routing photonic ATM switching with self-synchronization and optically processed control 37681
Jian-Guo Zhang New optical fiber data buses for avionics applications 39212
Jian-Guo Zhang *see* Forghieri, F. 46021
Jian-Guo Zhang *see* Zhang Jian-Guo
Jian-Hong Hu, Yao Wang, Cahill, P. Semi-adaptive vector quantization and its application in medical image compression 31887
Jian-Hua Dai *see* Mao Ye 21013
Jian-Hua Wang *see* Wang Jian-Hua
Jian-Hua Yu *see* Yu Jian-Hua
Jian-Hui Huang *see* Tu, R. 42983
Jian-hui Zhou *see* Yu-xiang Han 6853
Jian-Hun Yu *see* Yu Jian-Hun
Jian-Ming Jin, Volakis, J.L. Scattering and radiation analysis of three-dimensional cavity arrays via a hybrid finite-element method 36347
Jian-Qin Cao *see* Yun-Zhen Wang 19533
Jian-Qin Lu *see* Lu Jian-Qin
Jian-Shihn Tsang *see* Der-Cherng Liu 42477
Jian-Yu Liu *see* Anat Sneh 35509
Jian-zhong Kang *see* Yu-xiang Han 6853
Jian-Zhong Liu *see* Liu Jian-Zhong
Jian-Zhong Tang *see* Tang Jian-Zhong
Jianbo Meng *see* Meng Jianbo
Jianbo Xu *see* Xu Jianbo
Jianchao Li, Larner, K. Differential-equation-based seismic data filtering 47231
Jianchao Yao *see* Yao Jianchao
Jianchao Zeng, Guangyou Xu Occlusion-free next view planning 5074
Jiancheng Jia, En Cao A neural network image synthesis method for use in computer vision 5051
Jiancheng Zhu *see* Demesmaeker, E. 8748
Jiancheng Zhu *see* Luque, A. 8747
Jiancheng Zhu *see* Morales-Acevedo, A. 8749
Jiande Xu *see* Xu Jiande
Jiandong Li *see* Li Jiandong
Jianer Zeng *see* Zeng Jianer
Jianfei Kan *see* Kan Jianfei
Jianfu Teng, Fidler, J.K. Multi-solutions in Butterworth LC filters 18847

Jiang, C., Johnson, E., Shaw, J.J., Hu, C. AC hot-carrier degradation in a voltage controlled oscillator 33932
Jiang, C.-L., Miller, R., Soler, M., Ferreira, M., Wilder, K., Imhoff, E., Kulick, J., Wilson, R. 1.3-μm InGaAsP/InP buried-crescent lasers with narrow spread of threshold currents 35813
Jiang, C.H. *see* Ni, H.L. 15679
Jiang, D.S. *see* Luo, C.P. 3313
Jiang, F. *see* Salman, S.K. 25340
Jiang, H., Suzuki, H., Toriwaki, J.-I. A segmentation method based on region information and edge information 13487
Jiang, H., Tomita, M. Test generation for logic simulation based on functional graph 10086
Jiang, H. *see* How, H. 28419
Jiang, H.M. *see* Xiong, G.C. 35257
Jiang, H.X. *see* Dissanayake, A.S. 11820
Jiang, H.X. *see* Staikov, P. 34553
Jiang, J. A mapping code scheme to improve WDLZW algorithm 4425
Jiang, J., Etter, D.M. Complex system modeling using a complex delay filter 21884
Jiang, J. *see* Honnenhalli, S. 18693
Jiang, J. *see* Magotra, N. 32059
Jiang, J. *see* Zhou, X.C. 9602
Jiang, J.C., Faynberg, V., White, R.C., Allen, P.K. Fabrication of micromachined silicon tip transducer for tactile sensing 31192
Jiang, J.W., Jabri, M. A constructive area optimisation algorithm for general floorplan structure 19935
Jiang, J.Z. *see* Chan, C.C. 25861
Jiang, J.Z. *see* Chan, C.C. 48276
Jiang, M.-Y. *see* Cox, B.L. 12645
Jiang, M.H. *see* Liu, M.G. 28424
Jiang, M.H. *see* Wang, H. 9780
Jiang, N. *see* Agius, B. 18276
Jiang, N. *see* Stroh, R.J. 34952
Jiang, P. *see* De La Rue, R.M. 3866
Jiang, Q., Kavehrad, M. Frequency stabilization for multi-location optical FDM networks 6034
Jiang, Q., Kavehrad, M. A subcarrier-multiplexed coherent FSK system using a Mach-Zehnder modulator with automatic bias control 23007
Jiang, S. *see* Pan, Z.G. 12137
Jiang, S. *see* Pangaribuan, T. 11610
Jiang, S. *see* Stern, T.E. 6073
Jiang, S. *see* Yeh, P.S. 11883
Jiang, S.-H. *see* Chen, C.-R. 15938
Jiang, W. *see* Yin, L.-W. 2548
Jiang, W.-N., Mishra, U.K. 1% efficiency $Al_{0.3}Ga_{0.7}As$ planar-doped-barrier electron emitters 10605
Jiang, X. Distributed path finding algorithm for stream multicast 13850
Jiang, X., Klages, C.-P., Rosler, M., Zachai, R., Hartweg, M., Fusser, H.-J. Deposition and characterization of diamond epitaxial thin films on silicon substrates 9611
Jiang, X., Tang, Z. Comments, with reply, on 'Deterministic approach to full-wave analysis of discontinuities in MICs using the method of lines' by Z. Chen and B. Gao 19111
Jiang, X. *see* Ahmad, H.B. 43758
Jiang, X.L., He, Y.L., Zhu, H.L. The effect of passivation of boron dopants by hydrogen in nano-crystalline and micro-crystalline silicon films 19541
Jiang, X.Q. *see* Wang, Y. 4002
Jiang, X.Y., Bunke, H. Fast extraction of planar surfaces from range images 22218
Jiang, Y. *see* Nishikawa, R.M. 24237
Jiang, Y. *see* Wevers, M. 18370
Jiang, Y. *see* Zhang, H.Z. 11948
Jiang, Y.H. *see* Huang, J.H. 42284
Jiang, Y.H. *see* Huang, J.H. 42309
Jiang, Z.H. *see* Glattfelder, A.H. 8232
Jiang, Z.K. *see* Soga, T. 705
Jiang Aidong *see* Huang Yichuan 12043
Jiang Anping *see* Shen Xubang 10095
Jiang Bai-Yu *see* She Yue-E 46352
Jiang Ben-He, Chen Wen-Yi, Jiang Yun-Qing, Du Sheng-Jun Analysis of the sensitivity and resolution for the spectrometer in the field 23633
Jiang Ben-he, Chen Wen-yi, Liang Xue-jin, Du Sheng-jun New scheme of measuring roughness 38677
Jiang Ben-He *see* Chen Wen-Yi 31136
Jiang Cao *see* Cao Jiang
Jiang Changyin *see* Wang Xianyi 36171
Jiang Chaochuan *see* Zhang Xiaochun 29037
Jiang Chenglie *see* Li Zhichang 7293
Jiang Chunhua *see* Zhu Qiming 31589
Jiang Dehhua *see* Gao Jiangrui 28908
Jiang Dehong *see* Ren Zhang 9196
Jiang Desheng *see* Xu Shijie 11821
Jiang Desheng *see* Zhang Yaohui 21047
Jiang Desheng *see* Desheng Jiang
Jiang Dong *see* Lan Ge 11921
Jiang Dong *see* Dong Jiang
Jiang Feng *see* Feng Jiang
Jiang Gangji *see* Cai Jinhai 13077
Jiang Guo-Qing *see* Chen Yong Le 38673
Jiang Haijiang *see* Van Muylem, H. 48288
Jiang Huaming *see* Huaming Jiang
Jiang Jian *see* Qian Yi 19377
Jiang Jianhua *see* Jianhua Jiang
Jiang Jiaxiang An application of numerical absorbing boundary condition to OSRC method 12571
Jiang Jie *see* Jie Jiang
Jiang Kexun *see* Jiang Zejia 3994
Jiang Kexun *see* Mi Linshu 47565
Jiang Lingzhen, Zhao Feng, Li Chengjiang, Zou Lixun, Geng Wanzhen, Hong Jing Diffraction efficiency of volume hologram derived with the index of recording material different from that of the surrounding 12412
Jiang Liu, Chung Mong Lee Grouped window-based neural network approach to face recognition 13758
Jiang Liu, Son, U.T., Stepanova, A.N., Christensen, K.N., Wojak, G.W., Givargizov, E.I., Bachmann, K.J., Hren, J.J. Formation of SiC films on silicon field emitters 27691
Jiang Mei-Qun, Deng Qing-Ping The Schwarz alternating method for an equation 41209
Jiang Minhua *see* Hou Wenbo 9501
Jiang Minhua *see* Luo Ting 28992
Jiang Minhua *see* Zhang Nan 12320
Jiang Ping *see* Ping Jiang
Jiang Qian *see* Zhang Zhiguo 12372
Jiang Quan *see* Quan Jiang
Jiang Ren *see* Ren Jiang
Jiang Ruolian, Liu Jianlin, Zheng Youdou, Zheng Guozhen, Wei Yayi, Shen Xuechu High hole mobility $Si/Si_{1-x}Ge_x/Si$ heterostructure 34560
Jiang Ruolian *see* Yuan Renkuan 42906
Jiang Shan, Jiang Songsheng, Guo Hong, Yang Bingfan, Du Xueren, Huang Qi, Liu Cunfu Determination of ^{36}Cl with the Beijing HI-13 tandem accelerator mass spectrometer 47007
Jiang Shao En Dynamic theory of free-electron laser with a reversed axial guide magnetic field 28888
Jiang Shijun *see* Shijun Jiang
Jiang Shou-Xun *see* Cao Mao-Sheng 29025
Jiang Shusheng *see* Gao Xiang 10688
Jiang Shusheng *see* He Yuliang 10654
Jiang Songsheng *see* Jiang Shan 47007
Jiang Tao *see* Jin Xiaodan 11798
Jiang Wang *see* Li Zhang 28118
Jiang Wang *see* Wang Jiang
Jiang Wei Nan *see* Wei Nan Jiang
Jiang Wenbin A method for minimization design of two-level logic networks using multiplexer universal logic modules 33822
Jiang Wenbin *see* Wenbin Jiang
Jiang Wey-Wen *see* Wey-Wen Jiang
Jiang Xi *see* Xi Jiang
Jiang Xiang-Qian, Gu Ting-Xi, Li Zhu Research on a new measuring and analysing system for curved surface topography 46607
Jiang Xiang-Qian, Xie Tie-Bang, Yao Cai-Xian, Li Zhu Grating technology for topography measurement of curved surfaces 31444
Jiang Xiang-Qian *see* Lu Xiao-Dong 31159
Jiang Xiang-Qian *see* Xiao Shao-Jun 33507
Jiang Xiangliu, He Yuliang, Zhu Hongliang Neutralization of boron dopants by hydrogen in micro-crystalline silicon films 19532
Jiang Xiao *see* Xiao Jiang
Jiang Xiaohong, Hong Wei Field analysis and CAD of millimeter wave power combiners 34216
Jiang Xiaoming *see* Xiaoming Jiang
Jiang Xiaoyi *see* Xiaoyi Jiang
Jiang Xin, Peng Jiangde, Fan Changcheng, Wu Gengsheng, Zhou Binhkun Experimental study of erbium-doped fiber amplifier pumped by 1.47 μm laser diode 20691
Jiang Xing-Qi *see* Xing-Qi Jiang
Jiang Xiu-Zhen, Chen Wen-Xian, Zhou Yan-Shou Application of force-balance sensor in surveying instruments of refrigerator thermostat skip switches 23567
Jiang Xiu-Zhen *see* Zhou Yan-Zhou 31507
Jiang Yandao *see* Weng Xinguang 11658
Jiang Yang Ming *see* Yang Ming Jiang
Jiang Yi, Chen Wei-Min, Huang Shang-Lian Solution to the problem in FTP for the measurement of 3D large object shapes 46599
Jiang Yihong *see* Wang Chunqing 3941
Jiang Yinzhong, Xu Fengzhang, Gao Jinzhong, Cao Wensu A study on quantitative analysis of human reliability with inspection 41007
Jiang Yu Zheng Acquiring 3-D models from sequences of contours 36999
Jiang Yun-Qing *see* Jiang Ben-He 23633
Jiang Yunhua *see* Ouyang Bin 3557
Jiang Zejia, Jiang Kexun, Wen Daigang Some computing results of TEAM Workshop problem 5 (the bath cube) 3994
Jiang Zhao-Hui *see* Wang Hui-Ling 46362
Jiang Zheng *see* Zheng Jiang
Jiang Zhiyu *see* Zhiyu Jiang
Jiang Zhu *see* Zhu Jiang
Jiang Zhuang-De *see* Chen Dan 31416
Jiang Zuo-Jing *see* Zhao Ze-Xiang 31098
Jiang Zuo-Min *see* Yuan Feng 31436
Jiang-Huai Zhou, Yamaguchi, K., Yamamoto, Y., Shimizu, T. Nitrogen doping in hydrogenated amorphous silicon 10855
Jiang-Ling Zhang *see* Zhang Jiang-Ling
Jiang-Ming Ni *see* Ni Jiang-Ming
Jiang-Yong Men *see* Jia-Min Peng 6341
Jiangchuan Du *see* Du Jiangchuan
Jiangde Peng *see* Peng Jiangde
Jianghong Hu *see* Hu Jianghong
Jianghong Liao *see* Liao Jianghong
Jianglei Ma *see* Ma Jianglei
Jiangling Zhang *see* Zhang Jiangling
Jiangrui Gao *see* Gao Jiangrui
Jianguo Chen, Binzhong Li, Lan Wu, Dayi Li, Yucun Lu Simple method to evaluate coupling functions at antireflection-coated diode facets facing grating reflectors of long external cavities 35784
Jianguo Chen *see* Chen Jianguo
Jianguo Gao *see* Guangun Gu 5495
Jianguo Tian *see* Tian Jianguo
Jianguo Xin *see* Xin Jianguo
Jiangwei Li *see* Li Jiangwei
Jiangyuan, Z. *see* Xiaowei, W. 11924
Jiangyuan Zhang *see* Zhang Jiangyuan
Jianhong Du *see* Du Jianhong
Jianhong Liao *see* Liao Jianhong
Jianhong Lu *see* Lu Jianhong
Jianhua Fang *see* Fang Jianhua
Jianhua Hao *see* Fangqiao Zhou 31231
Jianhua Hao *see* Fangqiao Zhou 38500
Jianhua Jiang, Jiyong Zhao, Yulian Tian, Yong Han, Zhiyu Chao, Xiaoming Jiang, Dingchang Xian The X-ray topography station at the Beijing synchrotron radiation facility 6922
Jianhua Li, Zhenhong Mai, Shufan Cui, Junming Zhou, Wei Feng X-ray characterization of strain relaxation in InGaAs/GaAs strained-layer superlattices 10714
Jianhua Sun *see* Sun Jianhua
Jianhua Wang *see* Yi Luo 35885
Jianhua Wu *see* Wu Jianhua
Jianhua Zhao, Aihua Wang, Green, M.A. Series resistance caused by the localized rear contact in high efficiency silicon solar cells 33049
Jianhui Shan *see* Beeson, K.W. 3157
Jianhui Zhang *see* Zhang Jianhui
Jianhui Zhou, Namkyoo Park, Dawson, J.W., Vahala, K.J., Newkirk, M.A., Miller, B.I. Efficiency of broadband four-wave mixing wavelength conversion using semiconductor traveling-wave amplifiers 35892
Jianjun Deng *see* Deng Jianjun
Jianjun Li *see* Li Jianjun
Jiankai Hu *see* Hongfu Li 27425
Jianliang Wang, Rujing Zhou A nonlinear controller design for electric power systems 16237
Jianlin Liu *see* Liu Jianlin
Jianmeng Li, Liu, H.C., Buchanan, M., Wasilewski, Z.R., Simmons, J.G. Regular and periodic peaks in device current, capacitance, and intersubband photocurrent from a multiple-double-well 34591
Jianmeng Li *see* Liu, H.C. 31211
Jianmin Dong *see* Dong Jianmin
Jianmin Liu *see* Liu Jianmin
Jianmin Qiao, Kuohsu Wang, Yang, C.Y. Determination of density of trap states at Y_2O_3-stabilized ZrO_2/Si interface of $YBa_2Cu_3O_{7-\delta}/Y_2O_3$-stabilized ZrO_2/Si capacitors 43351
Jianmin Zhao *see* Kawamoto, S. 24803
Jianming, G. *see* Boscolo, I. 43699
Jianming Cai *see* Cai Jianming
Jianming Fu *see* Kai Zhang 653
Jianming Li *see* Demesmaeker, E. 8748
Jianming Li *see* Luque, A. 8747
Jianming Li *see* Morales-Acevedo, A. 8749
Jianming Lin *see* Lin Jianming
Jianming Shi *see* Shi Jianming
Jianming Song, Samouelian, A. A robust speaker-independent isolated word HMM recognizer for operation over the telephone network 29505
Jianming Xu Study on a longitudinal damper system 7088
Jianming Yu *see* Yu Jianming
Jiann-Cherng Doong *see* Fu-Ming Juang 29024
Jiann-Cherng Jeang *see* Junewen Chen 28956
Jiann-Fuh Chen, Wei-Ming Wang Steady-state stability criteria and uniqueness of load flow solutions for radial distribution systems 16305
Jiann-Fuh Chen *see* Wei-Ming Wang 7934
Jiann-Fuh Chen *see* Ying-Chun Chuang 8830
Jiann-Jone Chen *see* Lin, D.W. 29943
Jiann-Liang Chen *see* Huan-Wen Tzeng 16235
Jiann-Ruey Chen *see* Wen-Chun Wang 2256
Jiannan Wu *see* Youyi Lin 44158
Jiannan Xu *see* Xu Jiannan
Jianping Li *see* Li Jianping
Jianping Liu *see* Liu Jianping
Jianping Mei *see* Mei Jianping
Jianping Wang *see* Trecat, J. 113
Jianping Xi, Tongyu Liu, Nugent, M., Si, K., Iafelice, V., Del Cueto, J., Ghosh, M., Kampas, F. Major improvement of intrinsic a-Si:H films for solar cell applications 33058
Jianping Yan On the target tracking model in MM-wave radiative remote sensing 32112
Jianping Yan, Jian Zhou The detection of the moving target by MMW radiometer 24568
Jianping Yin *see* Yin Jianping
Jianping Zhang *see* Li Chen 36869
Jianping Zhang *see* Li Chen 36870
Jianping Zhou, Chung-Po Huang, Chengyu Shi, Murnane, M.M., Kapteyn, H.C. Generation of 21-fs millijoule-energy pulses by use of Ti:sapphire 28769
Jianping Zhou *see* Asaki, M.T. 20699

Jianqin Liu *see* Qingyuan Wang 4834
Jianqin Liu *see* Liu Jianqin
Jianqing Cao *see* Cao Jianqing
Jianquan Yao *see* Yao Jianquan
Jianre Chen *see* Chen Jianre
Jianrong He *see* He Jianrong
Jianshe Liu *see* Xingjiao Li 811
Jiansheng Yuan *see* Jinxing Shen 44252
Jianwei Ma *see* Ma Jianwei
Jianwei Wang *see* Jian Zhang 43743
Jianwei Wang *see* Wang Jianwei
Jianwei Xiao *see* Xiao Jianwei
Jianwu Dang, Nikai, T., Suzuki, H. Measurement and simulation of intraoral pressure and radiation of stop consonants 13015
Jianxia Gao *see* Gao Jianxia
Jianxing Li, Woun-Suck Yang, Teh Y. Tan, Chevacharoenkul, S., Chapman, R. Formation of a liquid metallic phase on silicon wafer surfaces during high temperature annealing 2008
Jianxiong Wu, Chorkin Chan Isolated word recognition by neural network models with cross-correlation coefficients for speech dynamics 21648
Jianxiong Wu, Chorkin Chan, Pengfei Shi A Gamma network approach to automatic speech recognition 4563
Jianxiu Hao *see* Coldfarb, D. 9422
Jianyin Liu *see* Youxian Wen 24552
Jianyu Yang *see* Yang Jianyu
Jianzhong Lin *see* Lin Jianzhong
Jianzhong Ni *see* Jichun Yang 31726
Jianzhong Tong, Hsiao-Dong Chiang, Conneen, T.P. A sensitivity-based BCU method for fast derivation of stability limits in electric power systems 32199
Jianzhong Tong *see* Hsiao-Dong Chiang 32200
Jianzhong Tong *see* Tong Jianzhong
Jianzhong Yuan, Corbett, J.W. A sheet stress measurement technique using thin films to measure stresses in inert-gas implanted silicon 2078
Jiao, G. *see* Shao, K. 33997
Jiao, K.L. *see* Zheng, J.P. 11854
Jiao Fan *see* Zaleta, D. 43570
Jiao Licheng, Bao Zheng Advances and perspective in wavelet theory and its application 9373
Jiao Lihong, Meng Zhiguo, Sun Zhonglin A novel structure of a-SiN:H/a-Si:H multilayer avalanche photodiode (MAPD) 28645
Jiao Peinan Brief review of radiowave propagation research in China 21237
Jiao Tie-Min, Liu Su, Kang Ling, Jin Zhi-Gang Single-chip computer based dynamic vehicle loadmeter 46295
Jiao Xiu-Zhen *see* Chen Wen-Xian 23900
Jiao Yiming *see* Zhou Yan 28706
Jiao Yongchang, Mao Naihong, Qi Yihong Worst-case tolerance optimization of low sidelobe linear arrays 12779
Jiao Yongchang *see* Zhang Xiaomiao 21428
Jiao Zhenyou *see* Cao Guochen 16116
Jiao-xun Kuang *see* Kuang Jiao-xun
Jiaqin Ji *see* Ji Jiaqin
Jiaqing Ji *see* Ji Jiaqing
Jiaqing Zhao *see* Zhao Jiaqing
Jiarong Li *see* Li Jiarong
Jiasheng Xu *see* Xu Jiasheng
Jiawei Shi *see* Shi Jiawei
Jiaxian Wang *see* Wang Jiaxian
Jiaxiang Jiang *see* Jiang Jiaxiang
Jiaxing Yang *see* Yang Jiaxing
Jiazhang Wang *see* Wang Jiazhang
Jiazheng Lu, Langru Li, Shao, K.R., Zhou, J.M. Calculation of TEAM Workshop problem 5 using magnetic vector potential in the whole region 3995
Jiazheng Lu, Shao, K.R., Langru Li Calculation of TEAM Workshop problem 4 using edge element [magnetic induction] 3996
Jiazheng Lu *see* Lu Jiazheng
Jiazheng Wu *see* Wu Jiazheng
Jiben Liang *see* Liang Jiben
Jibiki, M., Okamoto, H. Station message detail recording system 14075
Jibing Cai, Chenghe Gong The new structure research of the macro-evaluation targets system model about the quality of the electronic products 26225
Jibrail, W.W.S., Ahmed, A.S.M., Ali, S.I.M. Performance analysis of two serial-search acquisition schemes for FH spread spectrum signals 22754
Jibu, M. *see* Sakaguchi, H. 14876
Jichun Yang, Jianzhong Ni Analysis technique of multiplet alpha spectra 31726
Jie, C. *see* Ueda, M. 24215
Jie, Z. *see* Xuefeng, Y. 11555
Jie Cao *see* Cao Jie
Jie Cui *see* Hailong Wang 751
Jie Cui *see* Suian Zhang 33650
Jie Ding *see* Ding Jie
Jie Gao *see* Gao Jie
Jie Gu Li *see* Ji Yu Shi 13673
Jie Jiang Board-to-board high-speed optical interconnections 20481
Jie Liu *see* Liu Jie
Jie Shi, Jassemnejad, B. Comment on 'Generalized study on angular dependence of induced second-order nonlinear optical polarizations and phase matching in biaxial crystals' [J. Appl. Phys. 46, 3992 (1975)] 20987
Jie Shun *see* Shun Jie
Jie Tan *see* Tan Jie
Jie Wei Transition crossing in the RHIC 7023
Jie Wu *see* Wu Jie
Jie Xu Fast convergent dyadic Green's function in a rectangular waveguide 4175
Jie Yang *see* Chengsheng Zhang 47866
Jie Yang *see* Yang Jie
Jie Zheng *see* Zheng Jie
Jie Zhou *see* Zhou Jie
Jie-Bing Yu *see* Voon-Fee Yong 45539
Jie-Hong Zhang *see* Zhang Jie-Hong
Jie-Shing Wu *see* Hong-Ming Lin 9799
Jie-Yao Zhuang *see* Guo-Zhen Yang 36922
Jiejia Zhuang *see* Jialin Xie 43973
Jieping Xu Analysis of newly designed phased array birefringent acoustooptic devices 28539
Jier Chen *see* Kuo, S.M. 4586
Jierong Zhang *see* Zhang Jierong
Jiesheng Wang *see* Gupta, L. 45093
Jiewen Liang *see* Liang Jiewen
Jifan Hu, Bao-Gen Shen, Fang-Wei Wang, Ruwen Zhao, Fuming Yang, Zhenxi Wang, Shenjun Yu, Shouzeng Zhou Modified angular dependence of coercivity in inhomogeneous magnets. I. $Sm_2Fe_{17}N_x$ 35223
Jifeng Shen *see* Shen Jifeng
Jifu Huang *see* Hang Jin 42245
Jifuku, Y. *see* Kawakami, N. 47960
Jih, Y.-S. *see* Mazumder, P. 18773
Jih Far-Wen *see* Far-Wen Jih
Jih-Chen Chiang, Wang-Chuang Kuo Interference phenomena due to intervalley mixing effects in the multivalley double-barrier structures 10701
Jih-Hsiu Hsu *see* Jingshown Wu 14622
Jih-Jian Leu, Chun-Jen Tsai, Yi-Ping Hung, Chin-Hsing Chen Depth recovery by integrating depth-from-defocus with stereo 13700
Jihong Chen *see* Higman, T.K. 2578
Jihong Geng, Yanqing Wu, Xiudong Song, Fucheng Lin Injection locking of a self-mode locking CuBr laser 28729
Jihong Geng *see* Geng Jihong
Jihua Wang *see* Wang Jihua
Jihuai Wu *see* Wu Jihuai
Jihuang Hu *see* Hu Jihuang
Jiin Wen Li, Yan Kuin Su, Yokoyama, M. Current density-voltage characteristics of AC thin-film electroluminescent devices with different dielectric-phosphor interfaces 20549
Jijie Wang *see* Zhixiang Xu 13702
Jik Kwon Sang *see* Sang Jik Kwon
Jikang Fan *see* Fan Jikang
Jikumaru, A. *see* Takikawa, H. 15231
Jilai Yu *see* Yu Jilai
Jiles, D.C. The development of highly magnetostrictive rare earth-iron alloys 20131
Jiles, D.C., Kern, R., Theiner, W.A. Evaluation of surface modifications in high strength steel 33780
Jilin Tan *see* Guang-Wen Pan 36343
Jillie, D. Electromagnetic compatibility in the semiconductor factory 34655
Jiluan Pan *see* Pan Jiluan
Jimarez, L.J., Matienzo, L.J., Mehta, A.A. Factors affecting the adhesion of fluoropolymer composites to commercial copper foils 1737
Jimbo, K. Results of Uramoto-type sheet plasma negative ion source experiment at Kyoto 15599
Jimbo, T. *see* Egawa, T. 12212
Jimbo, T. *see* Egawa, T. 35860
Jimbo, T. *see* Egawa, T. 43927
Jimbo, T. *see* Soga, T. 705
Jimbo, T. *see* Soga, T. 9712
Jimbo, T. *see* Yang, M. 46427
Jimbo, T. *see* Yuasa, T. 3167
Jimbo, T. *see* Yuasa, T. 11775
Jimbo, Y. *see* Kasai, H. 37247
Jimei Wang *see* Wang Jimei
Jimenez, C. *see* Alegret, S. 6606
Jimenez, J., Martin, E., Torres, A., Martin, B., Rull, F., Sobron, F. Raman microprobe: a diagnostic tool for processed silicon. Analysis of microindented silicon 9856
Jimenez, J., Perez, V., Pizarroso, M., Dersch, U. Wideband static indoor measurements supporting the validation of a mobile communications channel 30642
Jimenez, J. *see* Mitchel, W.C. 42421
Jimenez, J. *see* Perez-Rodriguez, A. 34616
Jimenez, M., Noer, R.J., Jouve, G., Antoine, C., Jodet, J., Bonin, B. Electron field emission from selectively contaminated cathodes 1779
Jimenez, M. *see* Grebel, H. 1389
Jimenez Rodriguez, F.J. *see* de Miguel Vela, G. 30884
Jimenez Santana, G. *see* Baers, L.B. 25155
Jimenez-Garay, R. *see* Dominguez, M. 42443
Jiming Liu *see* Freedman, P. 39427
Jimma, K.M. *see* Miller, N.W. 24711
Jimming Lin, Feng-Yang Kuo The strategic implications of ISDN to the economic development in Taiwan 30527
Jin, D.L. FCBM—a field-induced charged-board model for electrostatic discharges 42283
Jin, G., Roger, J.P., Boccara, A.C., Stehle, J.L. Probing dynamic processes in multilayered structures by stimulated spectroscopic ellipsometry 1967
Jin, G.X. *see* Zhang, H.Z. 11948
Jin, H., Ishida, M. Graphical exergy analysis of a new type of advanced cycle with saturated air 47780
Jin, H., Lavers, J.D., Dewan, S.B. A critical assessment of the implementation of PWM techniques in switchmode magnet power supplies 8530
Jin, H., Vahldieck, R. Full-wave analysis of coplanar waveguide discontinuities using the frequency domain TLM method 21348
Jin, H., Vahldieck, R., Russer, P. S-parameter modeling of planar transmission line discontinuities and MMIC module interconnections 42226
Jin, H., Vahldieck, R., Russer, P., Huang, J. Full-wave analysis of discontinuities in uniplanar and multiplanar transmission lines using the frequency-domain TLM method 1628
Jin, H. *see* Huang, J. 1430
Jin, H. *see* Huang, J. 4234
Jin, H. *see* Huang, J. 41118
Jin, H. *see* Vahldieck, R. 29233
Jin, H. *see* Vincenti, D. 17082
Jin, J.S., En Cao, Cox, B.G. Bridging the gap: from images to graphics 13772
Jin, L. *see* Li, H. 29912
Jin, L.-M. *see* Her, W.-C. 248
Jin, M.S. *see* Wang, J.H. 28161
Jin, R. *see* Boggavarapu, D. 12249
Jin, R. *see* Lee, S.G. 28984
Jin, S., Moustakas, T.D. Electrical conductivity studies of diamond films prepared by electron cyclotron resonance microwave plasma 1826
Jin, S., Tiefel, T.H., Li-Ilan Chen, Dahringer, D.W. Anisotropically conductive polymer films with a uniform dispersion of particles 41501
Jin, X. *see* Li, Z.S. 10966
Jin, Y., Goto, Y., Nishimoto, Y., Naito, H., Iwake, A. A highly accurate laser-sectioning method for in-motion railway inspection 17951
Jin, Y., Joshi, S.G. Excitation of higher order modes in Lamb wave delay lines 11427
Jin, Y. *see* Aniel, F. 1499
Jin, Y. *see* Haghiri-Gosnet, A.M. 28214
Jin, Y. *see* Sylvestre, A. 19031
Jin, Y. *see* Wang, J.F. 44071
Jin, Y. *see* Zhang, X.-C. 28986
Jin, Y. *see* Zhang, X.-C. 44182
Jin Bao-Xia The entropy enforcement and the entropy condition of TVD schemes 18105
Jin Baoshen *see* Lan Jixiang 25820
Jin Chun Kuk *see* Kuk Jin Chun
Jin Enshun *see* Shi Jiawei 28844
Jin Fa Tang *see* Liu, X. 3294
Jin Feng *see* Zhong Ming 28723
Jin Feng *see* Feng Jin
Jin Gaolong, Chen Weide, Hsu, C.C. Competitive mechanism in Si/Co/GaAs interfacial reactions 19437
Jin Guangxu *see* Zhang Hanzhuang 35689
Jin Guo-Wei *see* Liu Qi-Yuan 47224
Jin Guofan *see* Zhu Zimin 24155
Jin Guofan *see* Guofan Jin
Jin Hai, Zhang Jiangling Byte error correcting codes for semiconductor storage system 36498
Jin Hang *see* Hang Jin
Jin Hongguang *see* Hongguang Jin
Jin Hyeung Kong, Seong Jung Kim, Jae Hyup Kim An implementation of integrated CAD system for IC design 942
Jin Hyung Kim *see* Jin Young Ha 13762
Jin Il Mok, Poong Hyun Seong A study on the optimal replacement periods of digital control computer's components of Wolsung nuclear power plant Unit 1 47632
Jin Jang, Sung Chul Kim, Kyu Chang Park, Sung Ki Kim Growth of microcrystalline silicon by remote plasma chemical vapor deposition without hydrogen dilution 41438
Jin Jang *see* Byung Chul Ahn 9794
Jin Jang *see* Byung Chul Ahn 28148
Jin Jang *see* Byung Chul Ahn 34998
Jin Jang *see* Jeong Hyun Kim 28162
Jin Jang *see* Kyu Chang Park 26487
Jin Jang *see* Sung Chul Kim 18271
Jin Jeon Young *see* Young Jin Jeon
Jin Jeong Ok *see* Ok Jin Jeong
Jin Jia-Sheng *see* Jia-Sheng Jin
Jin Jian-Ming *see* Jian-Ming Jin
Jin Kim Young *see* Young Jin Kim
Jin Kong Hong *see* Hong Jin Kong
Jin Li, Xinggang Lin, Youshou Wu Multiresolution tree architecture with its application in video sequence coding a new result 30063
Jin Liang *see* Liang Jin
Jin Lijun *see* Lijun Jin
Jin Lirong *see* Zhang Wengxing 10443
Jin Liu, Skerjanc, R. Stereo and motion correspondence in a sequence of stereo images 4870
Jin Ma *see* Ma Jin
Jin Ming *see* Shu Zongxun 25352
Jin Ronghong, Qiu Yuanheng Investigation of planar antenna backed with a cavity 36348
Jin Ruixin *see* Gong Linghua 15336
Jin Saimin *see* Saimin Jin
Jin Seon Yun *see* Jae Cheol Son 13242
Jin Song Sung *see* Sung Jin Song
Jin Song Yong *see* Yong Jin Song
Jin Song Young *see* Young Jin Song
Jin Soo Kim *see* Heung Sik Kim 2646
Jin Soo Kim *see* Yu, D.U.L. 1786

Jin Soo Song *see* Yong Eui Lee 33731
Jin Sungho *see* Sungho Jin
Jin Tao, Zhao Jiaqing The practice and research on the host of functionally distributed SCADA system 24740
Jin Weiqi *see* Zhang Ling 21178
Jin Wook Choi *see* Byoung Goo Min 31981
Jin Xianhe, Wan Changchang, Wang Zhongdong, Zhu Deheng A digital filter technique used for on-line monitoring of partial discharge 23875
Jin Xiaodan, Jiang Tao, Qi Bing Selfoc lenses and their application to optical fiber sensing system 11798
Jin Xin *see* Xin Jin
Jin Xizhuo *see* Zhang Xiaobo 20884
Jin Xue-Jiao *see* Yu Jian-Hua 31188
Jin Yi *see* Hu Guogen 16144
Jin Yoon Seok *see* Seok Jin Yoon
Jin Young Ha, Jin Hyung Kim Extended run-on English recognition using hidden Markov models 13762
Jin Zengsun *see* Yu San 18293
Jin Zhen *see* Zhen Jin
Jin Zhenrong *see* Yin Huajie 40145
Jin Zhi-Gang *see* Jiao Tie-Min 46295
Jin Zhihua *see* Chen Jiabin 21181
Jin-De Wang *see* Wang Jin-De
Jin-Delorme, Y. *see* Aniel, F. 1499
Jin-Fa Lee, Wilkins, G.M., Mitra, R. Finite-element analysis of axisymmetric cavity resonator using a hybrid edge element technique 34230
Jin-Fa Lee *see* Aoyagi, P.H. 18112
Jin-Fa Lee *see* Min, S. 44524
Jin-Fa Shi *see* Shi Jin-Fa
Jin-Lei Wu *see* Wu Jin-Lei
Jin-Ping Zeng *see* Zeng Jin-Ping
Jin-Sen Shue *see* Chaur-Heh Hsieh 22041
Jin-Shown Shie, Ping-Kuo Weng Application of the revolving retroreflective reticle for self-determination of coordinate 23211
Jin-Shown Shie *see* Ping Kuo Weng 38475
Jin-Song Wang *see* Wang Jin-Song
Jin-Soon Park *see* Ja-Yoon Koo 24968
Jin-Wen Liang *see* Liang Jin-Wen
Jin-Woong Kim *see* Tai-Kyung Won 11092
Jin-Yinn Wang, Cohen, F.S. Part II: 3-D object recognition and shape estimation from image contours using B-splines, shape invariant matching, and neural network 36985
Jin-Yinn Wang *see* Cohen, F.S. 36984
Jin-Yu Zhang *see* Zhang Jin-Yu
Jin-zhi Zhou *see* Zhi-zhang Xu 3453
Jinbiao Huang *see* Huang Jinbiao
Jinbiao Li *see* Li Jinbiao
Jinbiao Zhang *see* Peiheng Wu 35272
Jinbo, H. *see* Ito, T. 27879
Jinboh, R. *see* Tsuji, H. 28422
Jincang Zhang *see* Zhang Jincang
Jinchang Mao *see* Mao Jinchang
Jincheng Sun *see* Sun Jincheng
Jinchi Hao *see* Hao Jinchi
Jindal, R.P. Photodetectors approaching ideal amplification 15017
Jindal, R.P. Low-frequency fluctuations-device, technology and system implications 28056
Jindal, V.K. *see* Qihua, T. 17642
Jinduo Zhang *see* Zhang Jinduo
Jinfa Tang *see* Ting Mei 31292
Jinfa Tang *see* Yueming Zhou 35482
Jinfa Tang *see* Tang Jinfa
Jinfan Sun *see* Sun Jinfan
Jinfeng Wang *see* Wang Jinfeng
Jing, B.H. *see* Yan, L.G. 25331
Jing, C. *see* Zu Qinxin 12020
Jing, D. *see* Shao, K. 33997
Jing, D. *see* Xiong, G.C. 33618
Jing, T., Morshuis, P.H.F., Kreuger, F.H. Mechanisms of surface charge accumulation in SF_6 32949
Jing, T. *see* Cho, G. 7181
Jing, T. *see* Gyuseong Cho 31791
Jing, T. *see* Lee, H. 31232
Jing, Z., Wiener, G. Two-dimensional dealiasing of Doppler velocities 47234
Jing Bing Zhang, Weston, R.H. Design and implementation of a CAD information supported machine vision inspection system for PCB manufacture 9235
Jing Chen *see* Chen Jing
Jing Hong *see* Shifu Yuan 5041
Jing Hong *see* Shifu Yuan 26165
Jing Hong *see* Hong Jing
Jing Jisben *see* Nan Zhiyuan 24801
Jing Li *see* Li Jing
Jing Ma *see* Ma Jing
Jing Wang *see* Wang Jing
Jing Wu *see* Wu Jing
Jing Xu, Haiqing Zhou, Ping Zhu, Xianhan Liu, Xiaoning Chen Stereo vision system for shape inspection of technical object 23705
Jing Xue *see* Xue Jing
Jing Yu Yang *see* Lei Jian Liu 24226
Jing Yu Yang *see* Lei Jian Liu 24227
Jing Yu Yang *see* Lei Jian Liu 31846
Jing Zhu *see* Zhu Jing
Jing-Chun Chen *see* Chen Jing-Chun
Jing-Gang Wang *see* Wang Jing-Gang
Jing-Gao Fei *see* Fei Jing-Gao
Jing-Guang Tao *see* Tao Jing-Guang
Jing-Jang Hwang *see* Bao-Min Shao 44669
Jing-Li Kang *see* Zhi-Yong Zhang 6359
Jing-Rong Zhou *see* Ferry, D.K. 2399
Jing-Tong Liang *see* Der-Feng Guo 28220
Jing-Yu Yang *see* Ke Liu 23698
Jing-Yu Yang *see* Ke Liu 46281
Jing-Yu Yang *see* Yong-Qing Cheng 30016
Jing-Yu Yang *see* Yong-Qing Cheng 44925
Jing-Yu Yang *see* Zi-Quan Hong 15085
Jingang Yang *see* Yang Jingang
Jingbao Liu, Dass, M.L.A., Gronsky, R. Transmission electron microscopy study of two-dimensional semiconductor device junction delineation by chemical etching 43121
Jingchang Zhang *see* Zhang Jingchang
Jingchao Lu *see* Lu Jingchao
Jingcheng Xiang *see* Xiang Jingcheng
Jingdong Lin, Fuyun Ling, Proakis, J.G. Joint data and channel estimation for TDMA mobile channels 37789
Jinghe Qiu *see* Qiu Jinghe
Jinghong Yuan *see* Yuan Jinghong
Jinghual Mao *see* Mao Jinghual
Jingjuan Zhang, Chao Xu, Shiping Gao Optical interconnection with phase-only masks by means of reactive ion etching 3272
Jingming Zhang *see* Zhang Jingming
Jingqian Wei, Qingcai Guan, Jiyang Wang, Xuefeng Yue, Zongshu Shao, Yaogang Liu Self-pumped phase conjugation of KLTN crystal 44092
Jingrong Yi *see* Shuheng Bian 43748
Jingshan Sun *see* Sun Jingshan
Jingshown Wu, Keang-Po Ho, Jih-Hsiu Hsu, Yang-Han Lee, Hen-Wai Tsao Intermodulation between digital and analogue channels in a coherent optical subcarrier multiplexed system 14622
Jingshown Wu *see* Ching-Chih Kuo 14624
Jingshown Wu *see* Ching-Chih Kuo 45922
Jingshown Wu *see* Jiunn Shyen Wu 30779
Jingshown Wu *see* Jyh-Horng Wu 14623
Jingshown Wu *see* Jyh-Horng Wu 30783
Jinguji, M., Nagashima, M., Mukaigaito, T., Takahashi, H. Network surveillance information gathering functions of the INMOS-V0 14299
Jingwen Li *see* Li Jingwen
Jingwu Qiu, Xianfeng Zhang, Zhiming Tang, Luwei Zhou, Tongbo Wang, Meiling Zhou, Weiguo Wang, Hengning Hu, Yaoxian Fu, Ying Peng, Yongxiang Hu, Chuanbing Cai, Hongchuan Yang Experimental study of HTSC SQUID magnetometer 38477
Jingyang Zhou *see* Zhou Jingyang
Jingyi Wang *see* Wang Jingyi
Jingyi Zhang, Melton, L.A. Numerical simulations and restorations of laser droplet-slicing image 36920
Jingying Liao *see* Liao Jingying
Jingyuan Zhang *see* Olariu, S. 5009
Jinhai Cai *see* Cai Jinhai
Jinhai Si *see* Si Jinhai
Jinho Choi, Iickho Song, Hyung Myung Kim On estimating the direction of arrival when the number of signal sources is unknown 29587
Jinho Choi, Iickho Song, Sangyoub Kim, Sun Young Kim, Hyung Myung Kim A statistical analysis of MUSIC null-spectrum via decomposition of estimation error 29586
Jinho Choi, Iickho Song, Sangyoub Kim, Yoon Kyoo Jhee A generalized null-spectrum for direction of arrival estimation 45012
Jinhua Li *see* Li Jinhua
Jinhui Shen *see* Shen Jinhui
Jinhwan Kim, Heonshik Shin A priority-driven concurrency control protocol for firm real-time transaction processing systems 37136
Jinhyeong Park, Soonyong Seong A cache coherence scheme with multi-chained directory 37134
Jinju Song *see* Song Jinju
Jinlai Huang *see* Huang Jinlai
Jinli Liu *see* Liu Jinli
Jinli Wang *see* Wang Jinli
Jinliang He *see* He Jinliang
Jinliang Wan *see* Wan Jinliang
Jinling Gao *see* Gao Jinling
Jinmei Zheng *see* Zheng Jinmei
Jinming Lin *see* Lin Jinming
Jinn Wang Shui *see* Shui Jinn Wang
Jinn-Liang Liu A finite difference method for symmetric positive differential equations 41181
Jinn-Nan Kao A high speed 2-D DCT architecture for HDTV system 30997
Jinna, J. *see* Kato, H. 33350
Jinnai, T. *see* Maeda, K. 28146
Jinno, K. *see* Takayama, J. 38015
Jinno, M. Correlated and uncorrelated timing jitter in gain-switched laser diodes 28868
Jinpo, Y. Towards VI&P, intelligent communication service in 21st century 22424
Jinq-Min Lin *see* Tzuang, C.-K.C. 21338
Jinsheng Luo *see* Ming Oi 9581
Jinsheng Luo *see* Luo Jinsheng
Jinshong Xue *see* Bing Chen 14217
Jinsong Zhu *see* Chanson, S.T. 30234
Jintan Sun *see* Sun Jintan
Jintao Bai, Xueguang Qiao, Shuicai Wang Acoustic-optic actively mode-locked frequency-doubled continuous-wave Nd:YAG laser 28782
Jintao Ma *see* Nan Zhiyuan 24801
Jinushi, H. *see* Yoshida, K. 21603
Jinxiang Wang *see* Dezong Wang 4990
Jinxing Cai *see* Cai Jinxing
Jinxing Shen, Jiansheng Yuan, Kost, A. Numerical integrations in the BEM formulation with $\vec{E}$ and $\vec{H}$ for 3-D eddy currents 44252
Jinyue Gao *see* Gao Jinyue
Jinzaki, A. A fast distributed shared virtual memory system: NET-VMS 22595
Jinzaki, Y. *see* Besson, R.J. 14930
Jinzaki, Y. *see* Sinha, B.K. 6481
Jinzhao She *see* She Jinzhao
Jinzhong Gao *see* Gao Jinzhong
Jiping Ning *see* Ning Jiping
Jiqiao Deng *see* Deng Jiqiao
Jiqing Xia, Jordan, A.K., Kong, J.A. Electromagnetic inverse-scattering theory for inhomogeneous dielectrics: the local reflection model 44280
Jirachiefpattana, A. *see* Lai, R. 30223
Jiran Zhao *see* Zhao Jiran
Jiraud, D.A. Codes improve multiple-access communications 37089
Jiricek, F. *see* Oravesky, V. 21260
Jiricka, K. Automated system for solar radio burst observations at 3000 MHz 46156
Jiricka, K., Karlicky, M., Kepka, O., Tlamicha, A. Fast drift burst observations with the new Ondrejov radiospectrograph 46147
Jirmann, J. Theory and practice of the frequency synthesiser. 2 9996
Jirmann, J. *see* Kuhne, M. 45752
Jirtle, R.L. *see* Zhang, Y. 24333
Jishen Jing *see* Jing Jishen
Jishi Fu *see* Fu Jishi
Jitaru, I.D. Soft transitions power factor correction circuit 32925
Jitaru, I.D. Soft transitions power factor correction circuit 32945
Jitsuhara, S., Ikegami, Y., Nakaoka, T., Misago, T., Isogai, H., Uehara, H. Performance analysis of a shell and plate type evaporator for OTEC 40056
Jitsuno, T. *see* Nishi, N. 35931
Jitsuno, T. *see* Tsubakimoto, K. 35953
Jiu-Bin Tan *see* Tan Jiu-Bin
Jiubin Ju *see* Ju Jiubin
Jiuhua Tang *see* Yan Cui 11718
Jiun-Horng Tsai, Yin-Yu Lee The influence of evaluation criteria on selecting air quality monitoring stations 7644
Jiun-In Guo, Chi-Min Liu, Chein-Wei Jen A two-level pipelined systolic array chip for computing the discrete cosine transform 18621
Jiun-Tsuen Lai, Lee, J.Y.-M. Pd/Ge ohmic contacts to n-type GaAs formed by rapid thermal annealing 19431
Jiun-Tsuen Lai, Ya-Min Lee AlGaAs/GaAs charge injection transistor/negative resistance field-effect transistor fabricated with shallow Pd/Ge ohmic contacts 19910
Jiunn Shyen Wu, Shyh-Lin Tsao, Hen-Wai Tsao, Jingshown Wu Tunable subcarrier comb generator using phase modulator with high modulation index 30779
Jiunn Yueh Ho *see* Long-Wen Chang 30086
Jiunn-Hsing Chao Influence of operating voltage on single- and double-escape peak efficiencies in HPGe-measured spectra 31681
Jiunn-Shyong Hwang *see* Wen-An Loong 2382
Jiwu Chen *see* Chen Jiwu
Jixian Feng, Zhongsui Tu, Siqing Li An improved bus line channel router 951
Jixiang Deng *see* Deng Jixiang
Jixiang Lan *see* Lan Jixiang
Jixiong Pu *see* Pu Jixiong
Jiyang Wang *see* Jingqian Wei 44092
Jiyang Wang *see* Xuefeng Yue 44131
Jiyang Wang *see* Yingwu Lian 3837
Jiye Ximen, Lin, P.S.D., Pawley, J.B., Schippert, M. Electron optical design of a high-resolution low-voltage scanning electron microscope with field emission gun 1820
Jiying, C. *see* Shiqiao, Z. 12103
Jiying Huang *see* Huang Jiying
Jiyong Ma, Chaolin Han, Yunrong Lu, Zhiliang Luo Bolometric response of high T_c YBaCuO thin film operated in liquid nitrogen 35286
Jiyong Zhao *see* Jianhua Jiang 6922
Jiyu, L. GPS/laser synergistic system for seafloor surveys 32107
Jiyun Fang *see* Fang Jiyun
Jizhong Chen *see* Asakawa, M. 43965
Jizhou Liu *see* Liu Jizhou
Jkoglin, H. *see* Boffo, W. 47448
Jo Byeong Rim *see* Byeong Rim Jo
Jo Han Seung *see* Seung Jo Han
Jo Min Sik *see* Min Sik Jo
Jo-Ku Hu *see* Tsern-Huei Lee 22363
Joachain, P. *see* Promel, F. 16428
Joachim, H.-O., Yamaguchi, Y., Inoue, Y., Nishimura, T., Tsubouchi, N. Analytical modeling of short-channel behaviour of accumulation-mode transistors on silicon-on-insulator substrate 42919
Joachim, H.-O., Yamaguchi, Y., Ishikawa, K., Inoue, Y., Nishimura, T. Simulation and two-dimensional analytical modeling of subthreshold slope in ultrathin-film SOI MOSFETs down to 0.1 μm gate length 11202
Joan, C. *see* Chavanne, J. 7108

Joanblanq, C., Rogel, P.R., Senn, P. A multichip module for HDMAC prefilters 34165
Joanni, E., Baptista, J.L. ZnO-Li_2O humidity sensors 14970
Joao Rosario, M. *see* Bernardino, J. 27163
Joardar, K. An analytical model for collector currents in gated lateral bipolar transistors 11183
Job, P.K., Price, L.E., Proudfoot, J., Handler, T., Gabriel, T.A. Simulation of the Reconfigurable-Stack test calorimeter experiments with CALOR89 31758
Job, P.K. *see* Gabriel, T.A. 31718
Jobe, C.I. *see* Knowles, W.M.C. 8110
Jobez, J.P. *see* Guyonnet, J.L. 46904
Jobst, G. *see* Urban, G. 46525
Joch, J. *see* Zdarek, J. 25135
Jochem, W.J. *see* Kizakevich, P.N. 15690
Jochim, D.M. *see* Chang, T.G. 40419
Jochim, D.M. *see* Valeriote, E.M. 40437
Jochmann, F. Global weak solutions of the one-dimensional hydrodynamic model for semiconductors 11117
Jochum, J., Kraus, H., Gutsche, M., Kemmather, B. Signal to noise ratio of superconducting tunnel junction detectors 20199
Jochum, J., Kraus, H., Gutsche, M., Kemmather, B., Feilitzsch, F.V., Mossbauer, R.L. Dynamics of radiation induced quasiparticles in superconducting tunnel junction detectors 7297
Jochum, J., Kraus, H., Gutsche, M., Kemmather, B., v. Feilitzsch, F., Mossbauer, R.L. Electronic noise of superconducting tunnel junction detectors 31724
Jochum, J. *see* Kemmather, B. 20201
Jochum, J. *see* Kraus, H. 20189
Jochum, J. *see* Kraus, H. 24133
Jochum, T. *see* Hawkes, C. 47986
Jockusch, W. *see* Billey, S.C. 9406
Jodet, J. *see* Jimenez, M. 1779
Jodice, J.A., Harpham, S. 'End-to-end transient simulation for protection system performance testing' 47566
Joe, J., Scharer, J., Booske, J., McVey, B. Wave dispersion and growth analysis of low-voltage grating Cerenkov amplifiers 34479
Joe, S., Sloan, I.H. Implementation of a lattice method for numerical multiple integration 33545
Joeckle, R. Can near-IR and visible lasers be used as processing lasers? 21129
Joeckle, R. *see* Gautier, B. 11811
Joeckle, R. *see* Sontag, A. 11992
Joenathan, C., Bunch, R.M. Diameter measurement of single-mode fiber by using interferometric and imaging techniques 11602
Joenathan, C., Khorana, B.M. Quasi-equal-path electronic speckle pattern interferometric system 3891
Joenathan, C. *see* Burton, D.G. 43395
Joergensen, C. *see* Durhuus, T. 28876
Joergensen, C. *see* Durhuus, T. 35893
Joergensen, C. *see* Mikkelsen, B. 5979
Joergensen, C. *see* Mikkelsen, B. 35966
Joergensen, C. *see* Mikkelsen, B. 38129
Joergensen, C. *see* Stubkjaer, K. 28874
Joergensen, C.G. *see* Jorgensen, B.F. 38099
Joergensen, C.G. *see* Jorgensen, B.F. 46001
Joergensen, C.G. *see* Stubkjaer, K. 28874
Joffe, E.B., Gavan, J. External interaction of high frequency electromagnetic waves with a Boeing 707 fuselage 44381
Joffre, M. *see* White, J.O. 21044
Jofre, A., Thibault, L. b-subgradients of the optimal value function in nonlinear programming 558
Jofre, L. Research and new developments in radar cross section prediction and measurement in Spain 30883
Jofre, L. *see* Broquetas, A. 7360
Jofre, L. *see* Rius, J.M. 30873
Jofre, L. *see* Rius, J.M. 30918
Jofre, L. *see* Vaquer, M. 30627
Jog, M.A., Cohen, I.M., Ayyaswamy, P.S. Heat transfer in wire bonding process 42344
Jogai, B., Yu, P.W., Streit, D.C. Free electron distribution in δ-doped InGaAs/AlGaAs pseudomorphic high electron mobility transistor structures 42471
Jogan, K., Mizuno, A., Yamamoto, T., Chang, J.-S. The effect of residence time on the CO_2 reduction from combustion flue gases by an AC ferroelectric packed bed reactor 32632
Johann, J. Coding of HDTV for multi-gigabit networks 30973
Johann, J. *see* Breide, S. 23268
Johannes, F.M. *see* Doll, K. 26617
Johannes, F.M. *see* Spruth, H. 987
Johannes, J.D. *see* MacDonald, J.R. 7689
Johannes, T.W. *see* Harth, W. 28839
Johannes, W.R. High temperature alternatives to polyimide resin 34407
Johannes, W.R., Johnson, W. PWB CTE control using CIC foil 1742
Johannessen, K. Network management systems in Norwegian Telecom 14021
Johannessen, O.M. *see* Shuchman, R.A. 32109
Johannesson, R., Wan, Z.-x. A linear algebra approach to minimal convolutional encoders 21612
Johannet, A. *see* Achvar, D. 13547
Johannsen, G. *see* Fejes, L. 25221
Johannsen, K.G., Bowles, M.W., Milliken, S., Cherrette, A.R., Busche, G.C. Trends in mobile satellite communication 37913
Johannsen, T. *see* Mansfield, G. 14140
Johansen, F.T. A non bit-exact approach for implementation verification of the CCITT LD-CELP speech coder 4465
Johansen, F.T. *see* Fuldseth, A. 29566
Johansen, G.A., Froystein, T. Gamma detectors for tomographic flow imaging 31511
Johansen, G.A., Nordtvedt, J.E., Vold, P. ElPed: an interactive PC-based learning program for basic electrical circuits 118
Johansen, J. Standardisation of B-ISDN 14280
Johansen, K.G. *see* Couto, L. 17887
Johansen, L.A. *see* Zhang, K.Q. 30979
Johansen, M. *see* Gislason, E. 13182
Johansen, P. On the classification of toppoints in scale space 29990
Johansen, T.H., Bratsberg, H. Theory of lateral stability and magnetic stiffness in a high-T_c superconductor-magnet levitation system 11549
Johansen, T.H., Mestl, H., Bratsberg, H. Investigation of the lateral magnetic force and stiffness between a high-T_c superconductor and magnet of rectangular shapes 43318
Johansen, V. *see* Maxwell, P.C. 2625
Johanson, G.A., Davies, N.G., Tisdale, W.R.H. The American Mobile Satellite System: implementation of a system to provide mobile satellite services in North America 30636
Johanson, G.A., Davies, N.G., Tisdale, W.R.H. Implementation of a system to provide mobile satellite services in North America 37160
Johanson, N.R. *see* Chapman, J.N. 25307
Johansson, A. Are telephone exchanges energy efficient? EE2000—a technique for taking the energy pulse of telephone exchanges 14331
Johansson, A. *see* Bergmark, T. 31594
Johansson, A. *see* Hedblom, K. 15385
Johansson, B. *see* Gustavsson, L. 47789
Johansson, B. *see* Nordstrom, L. 2784
Johansson, G. *see* Kawashima, S. 16587
Johansson, H. *see* Adam, W. 7259
Johansson, H. *see* Adam, W. 31715
Johansson, H. *see* Adam, W. 46929
Johansson, H. *see* Munakata, T. 41114
Johansson, J.F. *see* Acharya, P.R. 36398
Johansson, L., Magnuson, B., Riffon, P. Loading capability of HVDC transformer bushings with restricted oil circulation for use in HVDC valve halls 25492
Johansson, L.E.B. *see* Greve, A. 38197
Johansson, M. *see* Kildal, P.-S. 23250
Johansson, M.E. *see* Liang, G.-C. 6753
Johansson, M.E. *see* Martens, J.S. 28414
Johansson, M.E. *see* Martens, J.S. 41855
Johansson, O. *see* Bergmark, T. 31594
Johansson, R. A class of (12, 8) codes for correcting single errors and detecting double errors within a nibble 29431
Johansson, S., Lindblom, M., Granestrand, P., Lagerstrom, B., Thylen, L. Optical cross-connect system in broad-band networks: system concept and demonstrators description 6053
Johansson, S. *see* Hill, G.R. 6051
Johansson, T. A shift register construction of unconditionally secure authentication codes 29465
Johansson, T., Kabatianskii, G., Smeets, B. On the relation between A-codes and codes correcting independent errors 29478
Johansson, T.B., Van Dessel, M., Belmans, R., Geysen, W., Hanitsch, R. Design and optimisation of electrostatic micromotors 16909
Johansson, U. *see* Danielsson, B. 14440
John, D.G. *see* Furnival, P. 16752
John, E., Das, M.B. Design and performance analysis of InP-based high-speed and high-sensitivity optoelectronic integrated receivers 43675
John, E., Das, M.B. A new design approach for a high-transimpedance and low-noise optoelectronic integrated lightwave receiver with 24-GHz bandwidth 45962
John, K.D., Wan, K.J., Yates, J.T., Jr. Temperature measurement for scanning tunnel microscope samples using a detachable thermocouple 31499
John, K.J., Pradeep, B., Mathai, E. Tin selenide (SnSe) thin films prepared by reactive evaporation 33735
John, P. *see* Ibrahim, F. 27765
John, V.I. *see* Bouchard, D. 16182
John, W. A stop to interference. Blocking capacitors on multilayers 1665
John, W. Support of printed circuit board design by an EMC-workbench 36270
John, W., Theune, D., Thiele, R. An approach for printed-circuit board routing under EMC-constraints 34342
Johndon, M.D. *see* Orr, B.G. 41352
Johnk, C. Ahlstrom Pyroflow experience with petroleum coke firing 32686
Johnk, R.T., Ondrejka, A., Tofani, S., Kanda, M. Time-domain measurements of the electromagnetic backscatter of pyramidal absorbers and metallic plates 36225
Johns, A.T., Aggarwal, R.K., Bo, Z. A new approach to detecting low level high-impedance arcing faults on EHV transmission lines 8026
Johns, A.T., Aggarwal, R.K., Bo, Z.Q. Non-unit protection technique for EHV transmission systems based on fault-generated noise. Part 1: signal measurement 39655
Johns, A.T., Aggarwal, R.K., Song, Y.H. Improved techniques for modelling fault arcs an faulted EHV transmission systems 39467
Johns, A.T. *see* Aggarwal, R.K. 16484
Johns, A.T. *see* Aggarwal, R.K. 39541
Johns, A.T. *see* Aggarwal, R.K. 39656
Johns, A.T. *see* Daniel, J. 7999
Johns, A.T. *see* Song, Y.H. 16246
Johns, B., Doerr, D., Pittal, S., Bhat, I.B., Dakshinamurthy, S. Real-time monitoring and control during MOVPE growth of CdTe using multiwavelength ellipsometry 736
Johns, B. *see* Andreasen, L. 37652
Johns, D.A. *see* Khoini-Poorfard, R. 1284
Johns, D.A. *see* Khoini-Poorfard, R. 21816
Johns, D.P. Improved node for frequency-domain TLM: the 'distributed node' 44495
Johns, D.P. *see* Mallik, A. 44412
Johns, K., Fein, D., James, E., Torres, M., Davis, W., Elwyn, A., Ciampa, D.P., Heller, K., Mierkiewicz, E., Corcoran, M. Experimental results on low energy neutron leakage in hadronic showers from FNAL T-821 31685
Johns, S. *see* de Mateo, M.L. 37935
Johnsen, H.A. *see* Friedmann, T.A. 9681
Johnsen, L. *see* Baroth, E. 38416
Johnsen, R. *see* Letellier, P. 7012
Johnsen, T. *see* Ara, K. 38745
Johnson, A. *see* Chen, B. 20026
Johnson, A.C. *see* Lauf, R.J. 25936
Johnson, A.D., Perrin, J., Mucha, J.A., Ibbotson, D.E. Chemical vapor deposition of SiC from silacyclobutane and methylsilane 41445
Johnson, A.D. *see* Joshi, A.M. 11094
Johnson, A.J. *see* Schick, G. 6021
Johnson, A.M. *see* Campisi, I.E. 15493
Johnson, A.M. *see* Froberg, N.M. 43519
Johnson, A.W., Sikora, T., Tan, T.K., Ngan, K.N. Filters for drift reduction in frequency scalable video coding schemes 42074
Johnson, B. Spatial mode characterization of high power pulsed Nd:YAG lasers 3741
Johnson, B., Mandra, R., Iseler, G.W., Clark, H.R. Wide-field-of-view heterodyne receiver at 1.06 μm with photorefractive InP:Fe 12383
Johnson, B., Wallace, R. Running rings around interactive distance learning 46027
Johnson, B.A., Ferro, R.E., Swain, G.M., Tatarchuk, B.T. High surface area, low-weight composite nickel fiber electrodes 32996
Johnson, B.A. *see* Folkard, M.A. 9563
Johnson, B.K., Lasseter, R.H., Alvarado, F.L., Adapa, R. Expandable multiterminal DC systems based on voltage droop 32391
Johnson, B.P. *see* Baker, R.J. 46510
Johnson, B.R., Kruse, P.W. Silicon microstructure superconducting microbolometer infrared arrays 31269
Johnson, B.W. *see* Gribble, B.R. 18663
Johnson, C. *see* Rose, M.F. 32983
Johnson, C.A., Howard, D.L., Marshall, D., Shu, H. A noninvasive video-based method of measuring lens transmission properties of the human eye 31841
Johnson, C.D. Evaluation of the teleconference as an educational delivery system 130
Johnson, C.E., Rothberg, O.O. Status of NRC maintenance rule and regulatory guide 39746
Johnson, C.E. *see* DeShazer, J.K. 41647
Johnson, C.E. *see* Sankaranarayanan, V.K. 35227
Johnson, C.J. *see* Vydyanath, H.R. 10791
Johnson, C.M., Hinchley, D.A., Palmer, P.R. Accuracy and validation issues for the simulation of power semiconductor devices 2406
Johnson, C.R., Jr. *see* Crisafulli, S. 36581
Johnson, D. A heuristic technique for designing protection networks 37166
Johnson, D., Beggs, S.L., Brown, G.N., Botham, C.P., Hawker, I. Distributed algorithms for restoration in telecommunications networks 5365
Johnson, D., Kuo, T., Marti, F. Calculation of 3D magnetic fields with ANSYS, a finite element commercial code 15441
Johnson, D. *see* Adapa, R. 32235
Johnson, D. *see* Kovach, K. 46129
Johnson, D. *see* Napolitano, L.M., Jr. 9937
Johnson, D.C. *see* Albert, J. 44098
Johnson, D.C. *see* Bilodeau, F. 35550
Johnson, D.C. *see* Bilodeau, F. 35553
Johnson, D.C. *see* Malo, B. 2966
Johnson, D.C. *see* Malo, B. 43389
Johnson, D.C. *see* Park, W. 34527
Johnson, D.E. Instrumentation requirements for the Fermilab Main Injector 15420
Johnson, D.E., Marsland, J.S., Eccleston, W. An integrated neural network incorporating a novel synapse design 42121
Johnson, D.H., Orsak, G.C. Relation of signal set choice to the performance of optimal non-Gaussian detectors 13272
Johnson, D.H., Shami, P.N. The Signal Processing Information Base 4762
Johnson, D.H. *see* Williams, D.B. 13222

Johnson, D.J. A system performance evaluation method performed by Arkansas Nuclear One-Unit Two for the NUMARC Ad Hoc Advisory Committee on the Maintenance Rule (10CFR 50.65) 32607
Johnson, D.L., Magnuson, C.J. Architectural design for a modular oscilloscope system 38599
Johnson, D.P., Cowan, D.J. Free-space infrared local area network (FIRLAN) 14608
Johnson, D.W., Elliott, D.J. Evaluation of a 193 nm resist and imaging system 11085
Johnson, E. *see* Jiang, C. 33932
Johnson, E.E. *see* Bayly, P.V. 24288
Johnson, E.R., Fehling, M.R., Poland, W.B. Continuous decision models for process control 32767
Johnson, F.G., Wicks, G.W. Raman study of $Al_{0.54}In_{0.46}P/GaAs$ interfaces grown by solid source molecular beam epitaxy 677
Johnson, F.G., Wicks, G.W., Viturro, R.E., Laforce, R. Use of valved, solid group V sources for the growth of GaAs/GaInP heterostructures by molecular beam epitaxy 9579
Johnson, F.S., Harris, G.S., Wortman, J.J., Ozturk, M.C. Self-aligned BJTs for VLSI using a new diffusion technique for shallow base formation 19792
Johnson, F.S., Misra, V., Wortman, J.J., Martin, L.R., Harris, G.A., Maher, D.M. Selective removal of silicon-germanium: chemical and reactive ion etching 19582
Johnson, G. *see* Biba, P. 32586
Johnson, G. *see* Hunt, E.R. 26636
Johnson, G.A. *see* Ivanenok, J.F., III 39301
Johnson, G.B. *see* Dunlap, J.H. 38653
Johnson, G.D. *see* Donnelly, J.P. 28870
Johnson, G.E. Constructions of particular random processes 33466
Johnson, G.E., McGrane, K.M. Electroluminescence from single layer molecularly doped polymer films 35594
Johnson, G.E., Medley, M.D., Levy, R., Larson, R.W., Ng, P., Mackie, D.S. A novel approach for integrating high-Q band-pass filters into microwave integrated circuit assemblies 1646
Johnson, G.E. *see* Mirau, P.A. 35100
Johnson, G.V., McClure, S.R. Manufacturing integrated market driven quality 409
Johnson, I. *see* Xue, H. 14258
Johnson, I.R. *see* Wilkinson, T.A. 14397
Johnson, J. VXIbus offers improved performance 38378
Johnson, J. *see* Rauen, K.L. 14969
Johnson, J.A. *see* Carlson, N.M. 20316
Johnson, J.A. *see* Hasan, A.R. 47363
Johnson, J.B. *see* Verdonckt-Vandebroek, S. 35007
Johnson, J.E., Tang, C.L., Grande, W.J. Optical flip-flop based on two-mode intensity bistability in a cross-coupled bistable laser diode 20759
Johnson, J.F. Modeling imager deterministic and statistical modulation transfer functions 23690
Johnson, J.L. *see* Kusters, J.A. 23394
Johnson, J.R., Stagaman, G.J., Sardella, J.C., Spinner, C.R., III, Fu-Tai Liou, Trefonas, P., Meister, C.C. The effects of absorptive dye loading and substrate reflectivity on a 0.5 μm I-line photoresist process 11014
Johnson, J.R. *see* Anani, A. 32997
Johnson, J.T. The 1994 data comm market forecast 45564
Johnson, J.T., Kong, J.A., Shin, R.T., Yueh, S.H., Nghiem, S.V., Kwok, R. Polarimetric thermal emission from rough ocean surfaces 24508
Johnson, J.T., Kong, J.A., Shin, R.T., Yueh, S.H., Nghiem, S.V., Kwok, R. Polarimetric thermal emission from rough ocean surfaces: a numerical study 47287
Johnson, J.T. *see* Yueh, S.H. 47262
Johnson, K., Earl, L., Martens, E. Minute YIG sources are phase-locked 19030
Johnson, K. *see* Agarwal, A. 18772
Johnson, K. *see* Sharp, G. 20410
Johnson, K.E. Underlayer epitaxial effects on magnetic thin films used in rigid disk recording 2826
Johnson, K.F., Sander, O.R., Bolme, G.O., Gilpatrick, J.D., Guy, F.W., Marquardt, J.H., Saadatmand, K., Sandoval, D., Yuan, V. A beam funnelling demonstration: experiment and simulation 23986
Johnson, K.F. *see* Hagopian, V. 24019
Johnson, K.L. *see* Abid, Z.E. 44509
Johnson, K.L. *see* Cutler, R.T. 23484
Johnson, K.M. *see* Anat Sneh 35509
Johnson, K.M. *see* Green, P.E., Jr. 5560
Johnson, K.M. *see* McKnight, D.J. 20414
Johnson, K.M. *see* Serati, S.A. 28527
Johnson, K.M. *see* Zhai, H.C. 11695
Johnson, K.O. *see* Bankman, I.N. 24273
Johnson, K.T., Hurson, A.R., Shirazi, B. General-purpose systolic arrays 26778
Johnson, K.W. *see* Campbell, J.W. 38600
Johnson, L.A. *see* Chiang, W.-L. 40978
Johnson, L.M. *see* Betts, G.E. 6031
Johnson, M.B. *see* Salemink, H.W.M. 42460
Johnson, M.C. *see* Morrison, G.L. 31514
Johnson, M.D., Sudijono, J., Hunt, A.W., Orr, B.G. Growth mode evolution during homoepitaxy of GaAs (001) 26399
Johnson, M.D., Sudijono, J., Hunt, A.W., Orr, B.G. The dynamical transition to step-flow growth during molecular-beam epitaxy of GaAs(001) 33614
Johnson, M.D. *see* Orme, C. 33592
Johnson, M.D. *see* Orr, B.G. 9594
Johnson, M.E. *see* Angstadt, R. 15673
Johnson, M.J., Ashley, D.J. Master/slave power ASIC chip set for 1 MHz DC/DC conversion 26712
Johnson, M.J. *see* Fix, A. 3853
Johnson, M.J. *see* Haub, J.G. 3856
Johnson, M.P. Product quality tracking system 430
Johnson, M.R. *see* Wang, M.H. 40892
Johnson, M.W. *see* El Wahed, A.K. 6851
Johnson, N.M., Herring, C. Diffusion of charged hydrogen in semiconductors 42387
Johnson, N.M. *see* Liu, H.I. 19374
Johnson, N.M. *see* Liu, H.I. 27750
Johnson, N.M. *see* Liu, H.I. 34782
Johnson, N.M. *see* Lord, S.M. 2202
Johnson, N.M. *see* Nebel, C.E. 27500
Johnson, N.M. *see* Nebel, C.E. 34787
Johnson, N.M. *see* Roos, G. 2178
Johnson, N.M. *see* Roos, G. 10660
Johnson, N.M. *see* Santos, P.V. 34897
Johnson, P.A. *see* Beaman, J. 15641
Johnson, P.B. *see* Andrei, R.G. 32201
Johnson, P.C., King, R., Scanlan, J.V., Whitehead, A.M. Affordable diamond deposition technology 41442
Johnson, P.E. *see* Dowell, D.H. 12255
Johnson, P.H. *see* Ananda, A. 15467
Johnson, R., Donnelly, M. A pulse-amplitude-synthesis-and-control (PASC) inversion system for single-source diagonally connected MHD generators 33072
Johnson, R., Sambrano, G., Gantnier, J. Automation of a cooling tower process 40005
Johnson, R. *see* Gianakos, N. 7764
Johnson, R. *see* McRory, J.G. 9972
Johnson, R.A. *see* Abe, K. 7260
Johnson, R.A. *see* Abe, K. 15619
Johnson, R.A. *see* Abe, K. 46930
Johnson, R.A. *see* Graham, J.S. 22985
Johnson, R.C. *see* Seaward, D.R. 17503
Johnson, R.D. *see* Wallraff, G.M. 27957
Johnson, R.F. Hitting the road with manufacturing know-how [education] 110
Johnson, R.H., Robinson, M.P., Preece, A.W., Green, J.L., Pothecary, N.M., Railton, C.J. Effect of frequency and conductivity on field penetration of electromagnetic hyperthermia applicators 7338
Johnson, R.H. *see* Preece, A.W. 7366
Johnson, R.I., Anderson, G.B., Boyce, J.B., Fork, D.K., Mei, P., Ready, S.E., Chen, S. Critical laser fluence observed in (111) texture, grain size and mobility of laser crystallized amorphous silicon 27492
Johnson, R.I. *see* Mei, P. 42911
Johnson, R.I. *see* Ready, S.E. 27459
Johnson, R.L., Black, Q.R., Sonsteby, A.G. HF multipath passive single site radio location 44863
Johnson, R.L., Williams, D.E. High definition display technology application to design of mobile computing systems 6697
Johnson, R.M., Donnelly, M.K., Marcotte, K.E. A pulse-amplitude-synthesis-and-control (PASC) consolidation/inversion system for Faraday connected MHD generators 25708
Johnson, R.P. Trends in accelerator control systems 15280
Johnson, R.P., Sah, R.C., Wang, D.Y., Bluem, H.P., Craft, B.C. Commissioning of the synchrotron light source at LSU 6912
Johnson, R.T. *see* Barber, W.C. 20196
Johnson, R.W., Bromstead, J.R., Weir, G.B. 200°C operation of semiconductor power devices 18472
Johnson, R.W. *see* Aday, J. 25915
Johnson, R.W. *see* Evans, J.L. 25916
Johnson, R.W. *see* Jaeger, R.C. 46400
Johnson, R.W. *see* Liu, T.M. 20025
Johnson, R.W. *see* Meir, D.S. 330
Johnson, R.W. *see* Romanczuk, C.S. 25922
Johnson, R.W. *see* Tomana, M. 18508
Johnson, S.A. *see* Khesin, M. 32703
Johnson, S.C., Butler, R.W. A table-oriented interface for reliability modeling of fault-tolerant architectures 39181
Johnson, S.D. *see* Bose, B. 1172
Johnson, S.D. *see* Rath, K. 5243
Johnson, S.M. *see* Ahlgren, W.L. 755
Johnson, S.M. *see* de Lyon, T.J. 654
Johnson, T. *see* Bergmark, T. 31594
Johnson, T. *see* Greenop, D. 45392
Johnson, W. *see* Johannes, W.R. 1742
Johnson, W. *see* Solomonson, N. 31208
Johnson, W.A. *see* Dauksher, W.J. 26471
Johnson, W.C. *see* Hernandez, M.E. 274
Johnson, W.H. *see* Larson, L.A. 2027
Johnson, W.J. *see* Chufo, R.L. 31428
Johnson, W.J.D. *see* Nguyen, D.C. 43972
Johnson, W.N., Kinzer, R.L., Kurfess, J.D., Strickman, M.S. The Oriented Scintillation Spectrometer Experiment: instrument description 7147
Johnson, W.R., Richards, W.J. Sealed nickel-cadmium cell performance and optimization of battery design 40440
Johnson, W.S. *see* Radcliff, T.D. 47671
Johnson, W.W. *see* Andre, A.D. 24394
Johnson, Z., Flake, R.A. Sealed nickel-cadmium batteries 17234
Johnson, Z.W., Roberts, J.E., Kulin, T.M. Charge efficiency of Sealed Nickel-Cadmium aircraft batteries over the temperature range of −40°C to 70°C 39310
Johnston, A.H. Charge generation and collection in p-n junctions excited with pulsed infrared lasers 34571
Johnston, A.R. *see* Kirkham, H. 47414
Johnston, C. Distribution management systems 16186
Johnston, C. A self-contained 256×256 indium antimonide FPA camera system 31284
Johnston, C.I. *see* Hales, S.G. 24921
Johnston, C.K. *see* O'Donnell, I.H.D. 25255
Johnston, D. *see* Harrison, I. 41281
Johnston, G.A., Hunt, E.R. Derivative control of the steady state in Chua's circuit driven in the chaotic region 26655
Johnston, J. *see* Jayant, N. 21729
Johnston, J. *see* Jayant, N. 22079
Johnston, J.E. Techniques and benefits of self-calibration in A/D converters 27013
Johnston, J.E. *see* Jones, A.R. 39943
Johnston, P.H. Ultrasonic polar backscattering for NDE of stitched graphite-epoxy composites 9845
Johnston, P.H. *see* Sun, K.J. 9819
Johnston, R. *see* Pursley, V. 34377
Johnston, R.H., Yang, M. A comparison of microstrip line discontinuity models with measured data 18979
Johnston, T.F., Jr., Sasnett, M.W. The effect of pump laser mode quality on the mode quality of the CW dye laser 3751
Johnston, W.E., Jacobson, V.L., Loken, S.C., Robertson, D.W., Tierney, B.L. High speed, wide area distributed computing for scientific imaging 37467
Johnstone, A., Lewis, M.F. Review of optical techniques for A/D and D/A conversion 42012
Johnstone, A. *see* Betts, A.K. 19990
Johnstone, P., Petry, F.E. Design and analysis of non-binary radix floating point representations 18556
Johnstone, W., Moodie, D., Thursby, G., McCallion, K., Fawcett, G. Tunable high resolution fibre optic WDMs using the high index approach 5962
Johnstone, W. *see* Creaney, S. 35383
Johnstone, W. *see* Fawcett, G. 3040
Joho, R., Kloss, A. Converter systems for industry and chemistry applications 17059
Joho, W. *see* Abela, R. 15388
Joho, W. *see* Laxdal, R.E. 7016
Joho, W. *see* Schryber, U. 6907
Johri, P.K. Implied constraints and a unified theory of duality in linear and nonlinear programming 9423
Johri, P.K. Practical issues in scheduling and dispatching in semiconductor wafer fabrication 28226
Johri, S. *see* Dwivedi, V.K. 11323
Johs, B. *see* Iacoponi, J. 752
Johs, B. *see* Nafis, S. 10896
Johs, B. *see* Nagis, S. 10961
Joichi, J., Stanton, D. An algorithmic involution for $p(n)$ 489
Joindot, I. *see* Orsal, B. 12226
Joiner, B., Lin, P., McShane, M., Primeaux, F., Youngblood, A., Reinhardt, R. Low cost, thermally enhanced QFP 380
Joines, W.T. *see* Zhang, Y. 24333
Jokanovic, D., Yamano, K., Ohta, M., Shiratori, N. A fast service verifier for intelligent networks 30553
Jokela, K., Puranen, L., Gandhi, O.P. Radio frequency currents induced in the human body for medium-frequency/high-frequency broadcast antennas 47136
Jokela, K. *see* Puranen, L. 23549
Jokerst, N.M. *see* Hargis, M.C. 38490
Jokiaho, T. *see* Hamalainen, J. 45611
Jokinen, A., Heinonen, J., Cichoracki, T. Recent developments and R&D trends in the pulp and paper industry 33293
Joko, T. *see* Terauchi, M. 13723
Joksimovich, V. Safety culture in nuclear utility operations 39743
Jolfaei, M.A. *see* Quernheim, U. 14545
Jolic, K., Nagarajah, C.R., Thompson, W. Investigation of surface texture of unsintered machined zirconia using laser light 31464
Jolion, J.M. A hierarchical framework for robust extraction and delineation of geometric features 4828
Jolitz, W.F. Polymorphic protocols 30424
Jollis, R. Multimedia 45590
Joly, C. *see* Detaint, J. 20066
Joly, I. *see* Daniel, D. 40498
Joly, J., Saint-Martin, X. Surface mounting of very fine pitch components: a new challenge 1729
Joly, J.M. *see* Cavedon, J.M. 15354

Joly, J.P., Robert, V. Influence of the first thermal cycles of an IC process on oxygen precipitation in CZ silicon wafers: a detailed analysis 19495
Joly, P. *see* Aigrain, P. 46255
Joly, P. *see* Martin, J.-C. 45454
Joly, P. *see* Solard, V. 45456
Joly, S., Balleyguier, P., Dei-Cas, R., Leboutet, H. The 433 MHz accelerator for the ELSA high-peak power FEL 15306
Joly, S., Dowell, D.H., Balleyguier, P., de Brion, J.P., Couillaud, C., Coacolo, J.L., Di Crescenzo, J., Fourdin, P., Frehaut, J., Haouat, G., Laget, J.P., Loulergue, A., Raimbourg, J., Sabary, F., Schumann, F., Striby, S. Magnetic bunching and brightness measurements at ELSA 44009
Joly, S. *see* De Brion, J.-P. 38817
Joly, S. *see* Guimbal, P. 43975
Jomaah, J., Balestra, F., Ghibaudo, G. Low-frequency noise in silicon on insulator MOSFET's: experimental and numerical simulation results 19810
Jomaah, J. *see* Balestra, F. 35008
Jon, M.-C., Welsher, T.L. An experimental investigation of the electrostatic discharge (ESD) mechanism in packaged semiconductor devices 40927
Jona, G. *see* Dal Col, V. 48264
Jonas, T.S. *see* Stallard, G.S. 16657
Jonashoff, E. Hybrid electronic circuits for motor vehicles 17584
Jonckheere, R. *see* Pforr, R. 2277
Jonckheere, R. *see* Prewett, P.D. 28008
Jonckheere, R. *see* Ronse, K. 2263
Jonckheere, R. *see* Ronse, K. 28009
Joncquel, E. *see* Therond, P. 39574
Jone Wen-Ben *see* Wen-Ben Jone
Jones, A., Hopper, A. Handling audio and video streams in a distributed environment 22605
Jones, A.A. VXIbus beam position monitor module 15419
Jones, A.C. *see* Abernathy, C.R. 776
Jones, A.C. *see* Abernathy, C.R. 41328
Jones, A.C. *see* Cloitre, T. 9636
Jones, A.C. *see* Foord, J.S. 697
Jones, A.C. *see* Graham, R.M. 18157
Jones, A.C. *see* Joyce, T.B. 27643
Jones, A.J. Living with NAMAS—the view of an accredited testing laboratory 38759
Jones, A.L. A new power supply for the Northeast Corridor 48379
Jones, A.R., Gibb, W.H., Johnston, J.E., Stallard, G.S., Anderson, A.A. The evaluation of fuel switching by computer based modelling 39943
Jones, B. Efficient use of interactive video with large groups 14829
Jones, B., Iyengar, S. Approximate root isolation for nonlinear systems by Monte-Carlo 33529
Jones, B. *see* Beaumont, S.P. 15637
Jones, B. *see* DuMouchel, W. 26152
Jones, B. *see* Huang, H. 7044
Jones, B.E. *see* Liphardt, M. 28423
Jones, B.E. *see* Mardapittas, A.S. 47293
Jones, B.F. *see* Rees, S.J. 30026
Jones, B.K., Kozlowski, D.A. Low frequency noise and reliability analysis of avalanche photodiodes 3329
Jones, B.K., Smets, R.C.J. The excess noise in silicon bipolar transistors 19760
Jones, B.K. *see* Abdala, M.A. 19884
Jones, B.K. *see* Gilfedder, T.H. 19636
Jones, B.K. *see* Shih, W.C. 34833
Jones, B.R. *see* Post, R.F. 23961
Jones, C. Is there really room for PCS? 22806
Jones, C. Consider SCR an integral part of the combustion process 39900
Jones, C. Life cycle cost models (business plans) 40865
Jones, C. Attention to controls 'makes or breaks' gas turbine plants 47783
Jones, C., Loh, P. Thermal management of PWB mounted power semiconductors in SMT applications 26717
Jones, C. *see* Mullan, C.A. 9504
Jones, C. *see* Perala, R.A. 39134
Jones, C.A., Cooper, K., Nield, M.W., Rush, J.D. Hybrid integration using silicon optical motherboards 43669
Jones, C.A., Cooper, K., Nield, M.W., Rush, J.D., Waller, R.G., Collins, J.V., Fiddyment, P.J. Hybrid integration of a laser diode with a planar silica waveguide 35445
Jones, C.D. *see* Alexander, J.P. 24110
Jones, C.D. *see* Alexander, J.P. 46860
Jones, C.E., Coulter, K.P., Holt, R.J., Poelker, M., Potterveld, D.H., Kowalczyk, R.S., Buchholz, M., Neal, J., van den Brand, J.F.J. Measurement of p_{zz} of the laser-driven polarized deuterium target 31632
Jones, C.E. *see* Poelker, M. 31631
Jones, C.J. *see* Irwin, T. 25577
Jones, C.R. *see* Evans, K.R. 26421
Jones, C.T. *see* Webster, A.A. 23297
Jones, D. Brushless motion technology around the globe 33096
Jones, D. *see* Brotherton, T. 15957
Jones, D. *see* Miyazu, K. 1349
Jones, D.B. Global review of small motors and drives technology in the US, Europe and Japan 48170
Jones, D.I. *see* Goesmann, F. 27499
Jones, D.J. Use of a shooting method to compute eigenvalues of fourth-order two-point boundary value problems 9471
Jones, D.J., Molter, L.A. Generalized switching properties of three-guide circular fiber arrays using coupled-mode analysis 43432
Jones, D.L., Baraniuk, R.G. A simple scheme for adapting time-frequency representations 13312
Jones, D.L. *see* Baraniuk, R.G. 13360
Jones, D.L. *see* Baraniuk, R.G. 36760
Jones, D.L. *see* Baraniuk, R.G. 44980
Jones, D.Llanwyn *see* Llanwyn Jones, D.
Jones, D.R., Maitland, A., Little, C.E. Pulsed power for copper vapour lasers 47991
Jones, D.R. *see* Martin, C.M. 20950
Jones, D.W. *see* Kulynych, J.J. 24240
Jones, E. *see* Cheung, N.W. 10875
Jones, E.C., Im, S., Cheung, N.W. Ultra-shallow P+/N junctions formed by SiF_4 preamorphization and BF_3 implantation using plasma immersion ion implantation 10873
Jones, E.D. *see* Schneider, R.P. 781
Jones, E.V. *see* Read, R.J. 30566
Jones, E.W. *see* George, T. 10705
Jones, E.W. *see* Lin, T.L. 31215
Jones, E.W. *see* Lin, T.L. 46458
Jones, E.W. *see* Line, T.L. 23637
Jones, E.W. *see* Park, J.S. 19736
Jones, E.W. *see* Park, J.S. 31214
Jones, F. *see* Fang, C.C. 27984
Jones, G., Boashash, B. Window matching in the time-frequency plane and the adaptive spectrogram 13313
Jones, G. *see* Bhattacharya, T.K. 38150
Jones, G.A. *see* Wong, K.C. 13727
Jones, G.A.C. *see* Brown, K.M. 28211
Jones, G.A.C. *see* Brown, M. 42521
Jones, G.A.C. *see* Burroughes, J.H. 11233
Jones, G.A.C. *see* Churchill, A.C. 2572
Jones, G.A.C. *see* Daniels, M.E. 19379
Jones, G.A.C. *see* Dzurak, A.S. 1878
Jones, G.A.C. *see* Ford, C.J.B. 27512
Jones, G.A.C. *see* Law, V.J. 27743
Jones, G.A.C. *see* Liang, C.-T. 42527
Jones, G.A.C. *see* Simpson, P.J. 10712
Jones, G.A.C. *see* Smith, C.G. 42534
Jones, G.A.C. *see* Tewordt, M. 42525
Jones, G.A.C. *see* Thompson, J.H. 2017
Jones, G.R. *see* Cosgrave, J.A. 48028
Jones, G.R. *see* Liu, W.D. 17101
Jones, G.R. *see* Pilling, N.A. 46566
Jones, H. *see* Bahnmaier, A.H. 3444
Jones, H. *see* Davies, K. 11523
Jones, H. *see* Sullivan, R. 25192
Jones, H.M. Predicted properties of bistatic satellite images 23205
Jones, H.W. Some comments on reconstruction problems in acoustic tomography 24212
Jones, I.P. *see* Aindow, M. 41264
Jones, J.D. *see* Masters, A.R. 28327
Jones, J.D.C. *see* Anderson, D.J. 6864
Jones, J.D.C. *see* Haran, F.M. 2954
Jones, J.D.C. *see* McBride, R. 15257
Jones, J.D.C. *see* Morgan, R.D. 11611
Jones, J.D.C. *see* Pannell, C.N. 46481
Jones, J.D.C. *see* Su, D. 3947
Jones, J.D.C. *see* Su, D. 43429
Jones, J.D.C. *see* Valera, J.D. 6775
Jones, J.E. *see* Harris, D.B. 3422
Jones, J.P. *see* Gallet, J.M.C. 7407
Jones, J.R. *see* Papanicolaou, N.A. 42999
Jones, J.R. *see* Tokuz, L.C. 17504
Jones, J.W. Dynamic variable partitioning as a means of sharing mobile satellite spectrum 37821
Jones, J.W., Saunders, C., McLeod, R., Jr. Information acquisition during decisionmaking processes: an exploratory study of decision roles in media selection 40863
Jones, K. Characterizing IC packages and interconnects 17839
Jones, K. Migrations to open systems 45591
Jones, K. *see* Golob, L.P. 1529
Jones, K. *see* Stone, J. 29192
Jones, K. *see* Zagrodnik, J. 17239
Jones, K. *see* Zhao, J.H. 2509
Jones, K.A. *see* Flemish, J.R. 9789
Jones, K.A. *see* Han, W.Y. 19427
Jones, K.A. *see* Lee, H.S. 1937
Jones, K.J. Bit-serial CORDIC DFT computation with multidimensional systolic processor arrays 44885
Jones, K.J. *see* Morgan, R.E. 7541
Jones, K.L. *see* Massengill, L.W. 34067
Jones, K.M. *see* Donghwan Kim 34516
Jones, K.M. *see* Schultz, J.C. 1887
Jones, K.M. *see* Zhu, J.G. 9541
Jones, K.P. *see* Butler, D.J. 37971
Jones, K.S., Bollong, M., Haynes, T.E., Deal, M.D., Allen, E.L., Robinson, H.G. Ion implantation related defects in GaAs 2042
Jones, K.S., Robinson, H.G., Haynes, T.E., Deal, M.D., Lee, C.C. Defects and diffusion in Si^+ implanted GaAs 27479
Jones, K.S. *see* Feingold, A. 836
Jones, K.S. *see* Heemyong Park 42640
Jones, K.S. *see* Meng, H.L. 10909
Jones, K.S. *see* Robinson, H.G. 2041
Jones, K.S. *see* Yu, J.E. 42655
Jones, K.S., Pearton, S.J., Kanber, H. *(editors)* III-V Electronic and Photonic Device Fabrication and Performance 17745
Jones, L.A. *see* Taylor, A.J. 20625
Jones, L.D., Newton, D.V., Garcia, E. Adaptive devices for precise position control 35184
Jones, L.G., Blaauw, D.T. A cache-based method for accelerating switch-level simulation 28282
Jones, M. *see* Collinson, G. 1549
Jones, M.A. Sizing AC drives for high-cyclic applications 33168
Jones, M.A. *see* Coffey, W.P. 16652
Jones, M.D. Using simplex codes to improve OTDR sensitivity 2970
Jones, M.E. *see* Sullivan, J.A. 3426
Jones, M.R. *see* Stevens, N.J. 39157
Jones, O.C., Kiymik, M.K., Ozcalik, H.R., Lin, J.-T. Electrical impedance imaging for prediction of interfacial area density in two phase flow 31509
Jones, P.A., Jackson, A.D., Lickiss, P.D., Pilkington, R.D., Tomlinson, R.D. The plasma enhanced chemical vapour deposition of $CuInSe_2$ 18299
Jones, P.A., McDermott, H.J., Sellgman, P.M., Millar, J.B. An extension of the multipeak speech processing strategy for the MSP/Mini 22 cochlear implant system 7483
Jones, P.A. *see* Moxham, J.R.E. 7473
Jones, P.C. *see* Ehmann, K.F. 109
Jones, P.E. *see* Leedham, C.G. 29909
Jones, P.F., Lim, B., Aitken, G.J.M. Image restoration by area-adaptive simulated annealing 22088
Jones, P.L. *see* Fretwell, T.A. 28006
Jones, P.M.S. Can nuclear power compete? 25146
Jones, R. A magnetically-guarded electrostatic probe 36121
Jones, R., Smith, G.A. High quality mains power from variable-speed wind turbines 25341
Jones, R., Wymeersch, W., Lataire, P. Vector controlled drives in a steel processing application 9028
Jones, R. *see* Ambrosini, G. 38419
Jones, R. *see* Ambrosini, G. 38898
Jones, R. *see* Franklin, A. 38338
Jones, R. *see* Henderson, S. 6094
Jones, R. *see* Jones, S.R. 47969
Jones, R. *see* Kaushik, V. 28339
Jones, R.A. *see* Viswanath, H.C. 22024
Jones, R.C. *see* Constantinou, C.C. 44505
Jones, R.D., Scott, T.R. Beam analysis round robin 6830
Jones, R.D., Scott, T.R. Error propagation in laser beam spatial parameters 35950
Jones, R.D. *see* Dingle, A.A. 31958
Jones, R.E. Micromachined silicon accelerometers for inertial sensing 46375
Jones, R.E. *see* Maniar, P.D. 28335
Jones, R.E. *see* Miller, R.W. 16475
Jones, R.E. *see* Olowolafe, J.O. 11364
Jones, R.E. *see* Sudhama, C. 27609
Jones, R.F., Jr., Swartzlander, E.E., Jr. Parallel counter implementation 26797
Jones, R.G., Miller Tate, P.C. Electron beam and X-ray resists 42812
Jones, R.M. *see* Cheo, B.R. 6953
Jones, R.M. *see* Pearson, D.J. 39160
Jones, R.T., Price, M., Wirth, H. First results from the Jetset RICH detector 46908
Jones, R.W. The changing role of nuclear steam supply system vendors 8060
Jones, S., Ruffin, P.B., Parker, M. Detection of stress relaxation in wound fiber packs using a fiber optic interferometric strain sensor 20319
Jones, S. *see* Pavelchek, E. 11071
Jones, S. *see* Postek, M.T. 19316
Jones, S.A. Fundamental sources of error and spectral broadening in Doppler ultrasound signals 38985
Jones, S.B. *see* Galt, P.S. 37379
Jones, S.B. *see* Snow, W.L. 24392
Jones, S.H. *see* Gribble, B.R. 18663
Jones, S.H. *see* Papanicolaou, N.A. 42999
Jones, S.J., Chen, Y., Williamson, D.L., Kroll, U., Roca i Cabarrocas, P. The effects of Ar and He dilution of silane plasmas on the microstructure of a-Si:H detected by small-angle X-ray scattering 41422
Jones, S.J., Chen, Y., Williamson, D.L., Xu, X., Yang, J., Guha, S. Correlation of small-angle X-ray scattering and solar cell performance of a-SiGe:H alloys 33051
Jones, S.K. *see* Pavelchek, E.K. 11032
Jones, S.L., Cable, T., Tulenko, J.S., Toshkov, S., Sias, F.R., Jr. Environmental hardening of a mobile-manipulator system for nuclear environments 25150
Jones, S.M.R., Sheriff, R.E., Watson, P.A. Ka-band mobile-satellite service propagation environment 22920
Jones, S.M.R., Watson, P.A. Attenuation and countermeasures in millimeter-wave point-to-multipoint networks 22792
Jones, S.P.W., Smythe, C. A generic framework for the simulation analysis of protocol layered communication systems 13912
Jones, S.R., Jones, R. A control strategy for sinusoidal supply side convertors 47969

Jones, T. *see* Matyas, R. 37737
Jones, T. *see* Pakulski, G. 35820
Jones, T.B. *see* Matsubara, Y. 36117
Jones, T.B. *see* Warrington, E.M. 4132
Jones, T.L. *see* Bhanu, B. 24569
Jones, T.L. *see* Kogan, V.I. 47528
Jones, T.W. *see* Foster, B. 31714
Jones, W. *see* Minot, K. 19138
Jones, W.G. *see* Davies, G.J. 24078
Jones, W.Kinzy *see* Kinzy Jones, W.
Jones, W.L. *see* Huei Wang 34274
Jones, W.L. *see* Yang, C.C. 19100
Jones, W.P. *see* Caussyn, D.D. 7026
Jones, W.P. *see* Caussyn, D.D. 38778
Jones, W.P. *see* Ellison, M. 38779
Jones, W.P. *see* Huang, H. 23976
Jones, W.P. *see* Lee, S.Y. 7040
Jones, W.P. *see* Li, D. 6973
Jones, W.W. Multi-scale wavelet modulation 44661
Jong, A.de *see* de Jong, A.
Jong, A.N.de *see* de Jong, A.N.
Jong, F.de *see* de Jong, F.
Jong, H.C.J.de *see* de Jong, H.C.J.
Jong, J.De *see* De Jong, J.
Jong, L.P.de *see* de Jong, L.P.
Jong, M.De *see* De Jong, M
Jong, M.J.M.de *see* de Jong, M.J.M.
Jong, M.S.de *see* de Jong, M.S.
Jong, P.A.L.De *see* De Jong, P.A.L.
Jong, S.de *see* de Jong, S.
Jong Chang Yi *see* Wong, K.C. 669
Jong Cheol Shin, Sook-Il Kwun Suppression of chaos in weakly coupled diode resonators 18453
Jong Duk Lee *see* Jong Ho Lee 34931
Jong Duk Lee *see* Sang Jik Kwon 42653
Jong Duk Lee *see* Woo-Hyeong Lee 42916
Jong Duk Lee *see* Woo-Hyeong Lee 42958
Jong Duk Lee *see* Youngjoo Yee 41884
Jong Gyu Kim *see* Inseop Lee 29968
Jong Gyu Kim *see* Lee, I. 36877
Jong Ho Lee, Young June Park, Jong Duk Lee Effects of high-injection barrier (HIB) position on bipolar transistor characteristics 34931
Jong Hyun Lee *see* Doh Hoon Kim 2377
Jong In Chung *see* Jae Ho Song 45322
Jong Jyh-Ming *see* Jyh-Ming Jong
Jong Kyu Lee *see* Jae Hyun Kim 45333
Jong Sool Jeong *see* Chong Hoon Kwak 35973
Jong Sun Ko, Jung Hoon Lee, Gun Woo Moon, Myung Joong Youn A new approach for robust digital position control of brushless direct drive motor with load torque observer 17449
Jong Sun Ko *see* Gun Woo Moon 8644
Jong Sung Kim, Insuk Yu New determination method of resonance and antiresonance frequencies of a piezoelectric resonator 2741
Jong Sung Youn *see* Sang Hoon Lee 31049
Jong Wan Park *see* Hwan Seong Moon 33734
Jong Wha Chong *see* Seung Ho Lee 983
Jong Won Kim, Sang Uk Lee On the hierarchical variable block size motion estimation technique for motion sequence coding 29953
Jong-Chul Park *see* Soon-Gul Lee 43358
Jong-Chun Woo *see* Sang-Yu Lee 19748
Jong-Dug Shin, Je-Myung Jeong, Cheoul-Shin Kang Photonic packet switching device for WDM based optical ring networks 30802
Jong-Dug Shin, Taylor, H.F. Dielectric mirror embedded optical fiber couplers 35408
Jong-Hun Kim, Seong-Dae Kim Efficient temporal band-limitation based on motion adaptive spatial filtering 13799
Jong-Hun Kim *see* Si-Woong Lee 31017
Jong-In Song, Caneau, C., Kyung-Bae Chough, Hong, W.-P. GaInP/GaAs double heterojunction bipolar transistor with high f_T, f_{max}, and breakdown voltage 42188
Jong-In Song, Hong, B.W.-P., Palmstrom, C.J., Van Der Gaag, B.P., Chough, K.B. Ultra-high-speed InP/InGaAs heterojunction bipolar transistors 42898
Jong-In Song *see* Hong, B.W.-P. 34927
Jong-Jy Shyu, Soo-Chang Pei, Kuo-Chang Fu Complex Lagrange multiplier approach to the design of arbitrary complex coefficient FIR digital filters 27089
Jong-Jy Shyu *see* Soo-Chang Pei 18877
Jong-Jy Shyu *see* Soo-Chang Pei 27090
Jong-Keun Park *see* Eung-Sik Kim 16750
Jong-Keun Park *see* Kwang-Ho Kim 32358
Jong-Kyu Yoon *see* Kyung-Woo Yi 649
Jong-Min Lee *see* Chil-Min Kim 3434
Jong-Sheng Chern *see* Chieh Changfan 18435
Jong-Shik Kim *see* Sae-Kyu Nam 48428
Jong-Son Lyu, Kee-Soo Nam, Choochon Lee Determination of the interface trap density in metal oxide semiconductor field-effect transistor through subthreshold slope measurement 11192
Jong-Soo Choi *see* Jun-Sik Kwon 26227
Jong-Tae Baek *see* Yoon-Ho Song 9742
Jong-Wan Kim, Cheol-Hi Lee, Hee-Yeung Hwang A segmentation method by detecting three-dimensional connected components of RGB components in color images 13711
Jong-Wan Park, Han, S.W., Moon, H.S., Lee, J.S. Effect of post-annealing on electrical properties of Ta_2O_5 thin film deposited by PECVD using $TaCl_5$ and N_2O 34661
Jong-Wook Seo, Caneau, C., Bhat, R., Adesida, I. Application of indium-tin-oxide with improved transmittance at 1.3 μm for MSM photodetectors 46445
Jongbae Lee *see* Hyunchul Shin 41571
Jongejans, A., Rogard, R., Mistretta, L., Ananasso, F. The European Mobile System (EMS) 37929
Jongejans, A. *see* Garcia, Q. 36420
Jongepier, A.G. *see* Rajagopalan, J. 16277
Jongerius, M.J., Bolt, R.J., Sweep, N.A. Blue second-harmonic generation in waveguides fabricated in undoped and scandium-doped KTiOPO$_4$ 44087
Jongh, K.H.R.de *see* de Jongh, K.H.R.
Jonghe, G.De *see* De Jonghe, G.
Jonghe, L.C.De *see* De Jonghe, L.C.
Jonghe, M.de *see* de Jonghe, M.
Jongste, J.F., Alkemade, P.F.A., Janssen, G.C.A.M., Radelaar, S. Kinetics of the formation of C49 $TiSi_2$ from Ti-Si multilayers as observed by in situ stress measurements 10738
Jongste, J.F., Oosterlaken, T.G.M., Bart, G.C.J., Janssen, G.C.A.M., Radelaar, S. Deformation of Si(100) wafers during rapid thermal annealing 42605
Jongsuck Bae, Aburakawa, Y., Kondo, H., Tanaka, T., Mizuno, K. Millimeter and submillimeter wave quasi-optical oscillator with Gunn diodes 34255
Jongtae Chun, Bose, N.K. A novel subspace-based approach to parameter estimation 36655
Jongwhoa Na *see* Louri, A. 43580
Jonker, B.T. *see* Chou, W.C. 42472
Jonker, G.J. Telecontrol system for low voltage network pole-mounted devices within Eskom 24918
Jonker, M. *see* Adye, T. 38896
Jonker, V. *see* van Galen, F. 6258
Jono, A. *see* Aigo, T. 19902
Jonson, B. *see* Qutaishat, S. 46872
Jonsson, A. *see* Persson, L. 25615
Jonsson, E., Molin, B.-A. Accurate switched-current ladder filters based on active current mirrors 1319
Jonsson, J., Deppert, K., Samuelson, L. Real-time monitoring of the reaction of H_2S on GaAs 19577
Jonsson, J., Ranby, B., Canet, P., Mary, D., Laurent, C., Mayoux, C. Search for electroluminescence from polymer films subjected to high fields 43191
Jonsson, J., Reinhardt, F., Zorn, M., Ploska, K., Richter, W., Rumberg, J. In situ time-resolved monitoring of PH_3 induced exchange reactions on GaAs under metalorganic vapor phase epitaxy conditions 41360
Jonsson, J. *see* Deppert, K. 18180
Jonsson, L. *see* Ahmed, T. 38929
Jonsson, L. *see* Cronstrom, H. 31804
Jonsson, L.E. *see* Ivarsson, P.-O. 45447
Jonsson, T. *see* de Silva, J.R. 47467
Jonsson, T. *see* Ingemann Pedersen, L. 45930
Jonsson, T. *see* King, W.L. 24888
Jonsson, U. *see* Astrom, U. 47495
Jonsson, U. *see* Zhang, W. 24899
Joo, Y.-C., Thompson, C.V. Evolution of electromigration-induced voids in single crystalline aluminum lines with different crystallographic orientations 34832
Joo Byung-Ha *see* Byung-Ha Joo
Joo Kwang Lee *see* Seung Jae Lee 16310
Joo Kwang Lee *see* Seung Jae Lee 32245
Joo Kyung *see* Kyung Joo
Joo Nam Soo *see* Nam Soo Joo
Joo Seung Ki *see* Seung Ki Joo
Joo Wook Park *see* Yong Jin Song 2106
Joo-Hiuk Son, Hsi-Huai Wang, Whitaker, J.F., Mourou, G.A. Picosecond pulse propagation on coplanar striplines fabricated on lossy semiconductor substrates: modeling and experiments 18966
Joohack Lee *see* Hyunchul Shin 41571
Joon Ahn Seong *see* Seong Joon Ahn
Joon Ahn Seung *see* Seung Joon Ahn
Joon Bae Chang *see* Chang Joon Bae
Joon Eom Hyo *see* Hyo Joon Eom
Joon Kim Hyeong *see* Hyeong Joon Kim
Joon Kwon Oh *see* Oh Joon Kwon
Joon-Eon Yang, Kwang-Sub Jeong, Park, C.K. Development of an emergency operation supporting system for nuclear power plants 39717
Joon-Hyeon Jeon, Jae-Kyoon Kim On the hierarchical edge-based block motion estimation for video subband coding at low bit rates 29950
Joon-Seek Kim, Rae-Hong Park, Byung-Uk Lee A two-stage fast block matching algorithm using integral projections 29801
Joon-Sung Chang *see* Sun-Hyun Youn 28854
Joong Eon Seo, In Sik Park, Young Nam Oh, Seung Hoon Lee, Pyong Yong Seong, Youn Ki Jang, Dong Ho Shin Digital video disc recording using second harmonic generation green laser 23347
Joong Ho Lee, Sang Bock Cho PSF detection algorithm and BIST design in memory 1221
Joong Lee Pil *see* Pil Joong Lee
Joong Yoon Young *see* Young Joong Yoon
Joong Youn Myung *see* Myung Joong Youn
Joong-Ho Song, Kwang-Bae Kim, Myung-Joong Youn Control of stator voltage-controlled current source induction motor drive 8833
Joong-Ho Song, Kwang-Bae Kim, Myung-Joong Youn Electrical instability of induction motor driven by CSI with output capacitors 16832
Joong-Hyun Lee *see* Woo-Sung Han 11074
Joongho Choi, Sheu, B.J., Chang, J.C.-F. A Gaussian synapse circuit for analog VLSI neural networks 42127
Joongseo Park *see* Barnes, P.A. 27773
Joongsik Kih, Byungsoo Chang, Deog-Kyoon Jeong Class-AB large-swing CMOS buffer amplifier with controlled bias current 41690
Joos, E. *see* Bayle, F. 39967
Joos, G., Moschopoulos, G., Ziogas, P.D. A high performance current source inverter 40323
Joos, G. *see* Agelidis, V.G. 40345
Joos, G. *see* Espinoza, J. 17091
Joos, G. *see* Espinoza, J. 17093
Joos, G. *see* Moran, L. 25554
Joos, M., Muller, H., Lindner, G. An ultrasonic sensor for the analysis of binary gas mixtures 6646
Joos, R.D. *see* Doherty, W.E., Jr. 34899
Jophn, J.P., McDonald, J. Spray etching of silicon in the $HNO_3/HF/H_2O$ system 2155
Jopke, J. *(editor)* Proceedings of the 1992 BIPOLAR/BiCMOS Circuits and Technology Meeting (Cat. No.92CH3177-3) 9125
Jopp, K., Marhenkel, H. History of electric power generation in Germany 25089
Jopp, K., Mertz, M., Mathieu, P. Allal el Fassi hydropower will cut power imports and stop floods 8230
Jopson, R.M., Tench, R.E. Polarisation-independent phase conjugation of lightwave signals 20970
Jopson, R.M. *see* Rafizadeh, D. 35739
Joram, C. CaF_2 single crystals as entrance windows of a fast photosensitive MWPC for a RICH detector 46912
Joram, C. *see* Guyonnet, J.L. 46904
Jorda, X. *see* Godignon, P. 2466
Jordaan, C.J.P. *see* Hamersma, B. 14290
Jordache, N. *see* Pandit, S.M. 31425
Jordan, A. *see* Wust, P. 24339
Jordan, A.K. *see* Jiqing Xia 44280
Jordan, C. *see* Canto-Said, E.J. 12388
Jordan, D., Nagle, J.P. New generation of high-efficiency solar cells: development, processing and marketing 48126
Jordan, D.L., Lewis, G. Infrared polarization signatures [man-made targets] 47334
Jordan, H.F., Mickelson, A.R., Van Zeghbroeck, B., Januar, I. An integrated optics, stored program computer 28557
Jordan, H.F. *see* Love, C.E. 28559
Jordan, H.F. *see* Main, P.T. 28558
Jordan, H.F. *see* Main, T. 43585
Jordan, H.F. *see* Ramanan, A.V. 30773
Jordan, J. *see* Dede, E.J. 9042
Jordan, J. *see* Dede, E.J. 33166
Jordan, J.E. *see* Hardwick, C.D. 39233
Jordan, J.R. Transducer interconnection with a standard fieldbus 22586
Jordan, J.R., Peter, K.W. ASIC implementation of a capacitance ratio to frequency ratio converter using switched capacitor techniques 23551
Jordan, K., Crawford, K., Bundy, R., Dylla, H.F., Heckman, J., Marshall, J., Nichols, R., O'Sullivan, S., Preble, J., Robb, J., Schneider, W., Sundelin, R., VanDyke, J. RF cavity vacuum interlock system 15295
Jordan, K., Knoop, B., Weise, R. The CEC emission phantom for PET and SPECT 24187
Jordan, K.L. *see* Crawford, R.L. 7676
Jordan, L. *see* Helgeson, M. 39224
Jordan, P. Lasting quality [TQM] 17936
Jordan, R.H., Hall, D.G. Radiation from an annular grating on a planar optical waveguide 20354
Jordan, T.J., Williams, P.C. The design and performance characteristics of a multileaf collimator 39094
Jordan, V. Gain measurement of semiconductor laser diodes: requirements for the wavelength resolution and sensitivity to noise 35805
Jordan-Cizelj, R. *see* Kozuh, M. 39827
Jordanov, A. *see* Budagov, J. 46955
Jordanov, V., Knoll, G.F. Digital pulse processor using moving average technique 18822
Jordanov, V. *see* Bonchev, T. 24083
Jordanov, V. *see* Martin, J.B. 15721
Jordanov, V.T., Petrick, N., Martin, J.B., Wehe, D.K. A data acquisition system for a Ring Compton-scatter Camera 46329
Jordanova, J., Penchev, O., Pantelcev, T., Drenska, M., Petkov, P. Integral measurements in an iron assembly bombarded with 14 MeV neutrons 39872
Jorden, A.R. *see* Anderson, R.J. 6911
Jorden, A.R. *see* Wilson, M.N. 7113
Jordery, S. *see* Deol, R.S. 2931
Jorg, K.-W., Palmes, M., von Puttkamer, E. Fusing laser radar maps and sonar sensor maps for world modeling in an unknown dynamic indoor environment for collision avoidance 13775

Jorge, H., Martins, A., Gomes, A. Maximum demand control: a survey and comparative evaluation of different methods 24701
Jorgen Anfindsen, O. Introduction to database systems 13957
Jorgensen, B.F., Feuchter, T., Joergensen, C.G., Pedersen, C.F. Accurate analysis of optically preamplified direct detection receivers 38099
Jorgensen, B.F., Pedersen, R.J.S., Joergensen, C.G. Self-phase modulation induced transmission penalty reduction in a 5 Gbit/s FM/AM conversion system experiment over 205 km of standard fiber 46001
Jorgensen, C.G. *see* Mikkelsen, B. 23011
Jorgensen, H. *see* Gregersen, O. 3754
Jorgensen, K. Simulation backplane for hardware and software design of printed circuit cards in a computer system 10555
Jorgensen, M. *see* Olsen, A. 37557
Jorgensen, R. *see* Dalsgaard, P. 4499
Jorgl, H.P., Hold, G. Low cost PLC design and application 40041
Jori, G. *see* Cecchetti, W. 47123
Jorio, A. *see* Khanna, S.M. 34513
Jorke, H., Kibbel, H., Strohm, K., Kasper, E. Forward-bias characteristics of Si bipolar junctions grown by molecular beam epitaxy at low temperatures 1881
Jorns, C. *see* Huber, D. 17550
Jornsten, K., Leisten, R. Aggregation and decomposition for multi-divisional linear programs 18044
Jorum, E. *see* Hofstad, P. 24872
Jory, M.J., Vukusic, P.S., Sambles, J.R. Development of a prototype gas sensor using surface plasmon resonance on gratings 31336
Jos, H.F.F. Collector model describing bipolar transistor distortion at low voltages and high currents 28102
Jos, H.F.F. *see* Webster, M.N. 27257
Josa, M.I. *see* Ferrando, A. 15617
Jose, J.V. *see* Cota, E. 27513
Jose, K.A. *see* Petre, P. 44327
Josefowitz, W., Kohle, S. Volkswagen Golf hybrid vehicle design and test results 48270
Josefsson, L. A waveguide transverse slot for array applications 4330
Josefsson, L. A dual polarised slotted waveguide array antenna 12771
Joseph, E.J. *see* Russell, H.J., III 6007
Joseph, G. Remote sensing payloads 32060
Joseph, G. *see* Mertins, V. 15860
Joseph, J., Darbhe, M.D., Sengupta, S.N., Agarwal, S.K. Microcomputer based parameter monitoring system for Dhruva 6349
Joseph, J. *see* Dorai, V.S. 16624
Joseph, J. *see* Veen, B. 7431
Joseph, J.P. Biosensor theory and applications. I 15096
Joseph, J.P. Biosensor theory and applications. II 38276
Joseph, K., Raychaudhuri, D. Throughput of unslotted direct-sequence spread-spectrum multiple-access channels with block FEC coding 14400
Joseph, K. *see* Ganesh, R. 37803
Joseph, R.A. Converging telecommunications technologies: challenges facing government and regulators in Australia and New Zealand 13931
Joseph, R.A. The politics of telecommunications reform in Australia 30267
Joseph, V. Productivity improvement in semiconductor fabrication environment using automode 2E+simulation software 2668
Joseph, V. Software simulation hikes wafer fab productivity 34654
Josephson, J. *see* Fox, R. 29534
Joshi, A., Tewari, A.S., Srivastava, A. Steady-state and transient torque calculation in CSI-fed three-phase induction motor 25450
Joshi, A.B., Ahn, J., Kwong, D.L. Oxynitride gate dielectrics for p^+-polysilicon gate MOS devices 42955
Joshi, A.B. *see* Kim, J. 19599
Joshi, A.B. *see* Yoon, G.W. 2698
Joshi, A.M., Weidman, T.W., Johnson, A.D., Miner, J.F., Ibbotson, D.E. Plasma deposited organosilicon hydride network polymers as versatile resists for entirely dry mid-deep UV photolithography 11094
Joshi, A.M. *see* Ban, V.S. 35583
Joshi, A.M. *see* Deshpande, V.K. 25627
Joshi, A.M. *see* Weidman, T.W. 11058
Joshi, C. *see* Hartman, S.C. 38818
Joshi, C. *see* Rosenzweig, J. 42357
Joshi, C. *see* Zhang, R. 43690
Joshi, G.A., Pandit, S.M., Paul, D. Comparison of L_1 and L_2 estimation for machine vision 13739
Joshi, G.A. *see* Pandit, S.M. 31425
Joshi, G.A. *see* Pandit, S.M. 45213
Joshi, J. *see* Anderson, A. 34265
Joshi, J.S. *see* Gillick, M. 1588
Joshi, J.S. *see* Gillick, M. 21358
Joshi, J.S. *see* Gillick, M. 27294
Joshi, M. Reporting process capability: everything you always wanted to know many things you might not want to hear 9326
Joshi, M. *see* Nair, P. 3517
Joshi, P.K., Mantica, P.F., Robinson, S.J., Gill, R.L., Zganjar, E.F. Picosecond lifetime measurement systems for levels populated by electron capture and for levels decaying by E0 transitions 7209
Joshi, R.V., Dibello, G.W., Cuomo, J.J., Domenicucci, A.G., Singh, R.P. Collimated sputtering for refractory metal liners for sub-half micron technology 2220
Joshi, S. Generic requirements for fiber optic splices and connectors 35378
Joshi, S., Lakshminarayana, D., Garg, P.K., Agarwal, M.K. Photoelectrochemical solar cells with WSSe single crystal photoelectrodes 8778
Joshi, S.C. Network management plan—case study for MTNL, Bombay 5372
Joshi, S.D. *see* Parthasarathy, H. 36770
Joshi, S.G. *see* Jin, Y. 11427
Joshi, S.K. *see* Chand, N. 35097
Joshi, S.K. *see* Kalra, P.K. 24811
Joshi, S.N. *see* Kumar, L. 30908
Joshi, S.P., Priemer, R. Regular iterative algorithm for extracting all trees of a linear graph 18011
Joshi, S.P. *see* Mannas, J.R. 23538
Joshi, S.P. *see* Shah, D.K. 2717
Joshi, S.P. *see* Shah, D.K. 28329
Joshin, K., Ohori, T., Takikawa, M. Super-low-noise HEMT based on new HEMT noise model 19918
Joshin, K. *see* Bove, P. 43016
Josipovic, M. *see* Bojovic, B. 15340
Josipovic, M. *see* Godinovic, N. 46710
Josipovic, M. *see* Neskovic, N. 15583
Josloff, A.T., Matteo, D.N., Bailey, H.S. SP-100 Space Reactor Power System readiness and mission flexibility 7548
Joson, H.A.L., Asano, F., Suzuki, Y., Sone, T. Adaptive feedback cancellation with frequency compression for hearing aids 24348
Jospa, P., Soquet, A., Saerens, M. Acoustical sensitivity functions and the control of a vocal tract model 13101
Josse, C. *see* Fouquet, F. 27271
Josse, D. *see* Dou, S.X. 3848
Josse, F. *see* Andle, J.C. 15098
Josse, F. *see* Bender, F. 46517
Josse, F. *see* Jeutter, D.C. 15916
Josse, J. *see* De Brion, J.-P. 38817
Jost, B. *see* Cattaneo, M. 38897
Jost, S.R. An 850 MHz current feedback operational amplifier 9994
Jostan, J.L., Sommer, R.G., Hoffart, M. Differential quantitative determination of the extent of the radiation cure of both the primary and the secondary component for double coated fibres 2978
Jostingmeier, A., Omar, A.S. Analysis of inhomogeneously filled cavities coupled to waveguides using the VIE formulation 21319
Jostingmeier, A., Rieckmann, C., Omar, A.S. Analysis of an efficient $TE_{0,n}$-to-$TE_{0,n\pm p}$ mode converter in circular waveguides 1455
Joswick, W. I/O networks deliver various modulation formats 42196
Jou, M.-J. *see* Lin, J.-F. 43951
Jou, S.-J., Hung, C.-C. An efficient determinant approach to symbolic function generation for analog circuits 9909
Jou, Y.F., Nilsson, A.A., Lai, F. A refined approximation of a finite capacity polling system under ATM bursty arrivals 13878
Jou, Y.F., Nilsson, A.A., Lai, F. The departure process of a finite capacity polling system with bursty and correlated input traffic 45282
Jou, Y.F. *see* Nilsson, A.A. 37780
Jou Hurng-Liahng *see* Hurng-Liahng Jou
Jou Jer Min *see* Jer Min Jou
Jou Jer-Min *see* Jer-Min Jou
Jou Ming-Jiunn *see* Ming-Jiunn Jou
Jou Ming-Jiuun *see* Ming-Jiuun Jou
Jouanne, M. *see* Tran, C.A. 33643
Joubert, A. *see* Baron, E. 15585
Joubert, C. *see* Roblin, M.L. 28983
Joubert, J., McNamara, D.A. Analysis of radiating slots in a rectangular waveguide inhomogeneously loaded with a dielectric slab 29264
Joubert, J. *see* McNamara, D.A. 18956
Joubert, M.-F. *see* Jacquier, B. 28784
Joubert, M.F. *see* Malinowski, M. 12070
Joubert, O. *see* Oehrlein, G.S. 42712
Joubert, O. *see* Vallier, L. 18278
Joubert, O. *see* Weill, A. 11070
Joubert, W. A robust GMRES-based adaptive polynomial preconditioning algorithm for nonsymmetric linear systems 41148
Joughin, I.R., Haralick, R.M., Dougherty, E.R. Model-based algorithm for designing suboptimal morphological filters for restoring subtractive-noise-corrupted images 21974
Joughin, I.R., Percival, D.B., Winebrenner, D.P. Maximum likelihood estimation of K distribution parameters for SAR data 32098
Joullie, A. *see* Grunberg, P. 35836
Joullie, A. *see* Leclercq, J.L. 12209
Joullie, A. *see* Tournie, E. 43939
Joullie, A.M. *see* Leclercq, J.L. 12209
Joun Yoo Hyung *see* Hyung Joun Yoo
Jouneau, P.H. *see* Bassani, F. 10848
Jounet, P. *see* Marc, F. 43054
Jouny, I. Classification of clutter using the bispectrum 6106
Jouny, I. Description and classification of ultra-wideband radar targets using wavelets 14676
Jouny, I. Target classification using wavelet decomposition features 23090
Jouppi, N.P., Boyle, P., Dion, J., Doherty, M.J., Eustace, A., Haddad, R., Mayo, R., Menon, S., Monier, L., Stark, D., Turrini, S., Yang, L. A 300 MHz 115 W 32 b bipolar ECL microprocessor with on-chip caches 27001
Jouppi, N.P., Boyle, P., Dion, J., Doherty, M.J., Eustace, A., Haddad, R.W., Mayo, R., Menon, S., Monier, L.M., Stark, D., Turrini, S., Yang, J.L., Hamburgen, R., Fitch, J.S., Kao, R. A 300-MHz 115-W 32-b bipolar ECL microprocessor 26965
Jourdain, G. *see* Nimier, V. 6152
Jourdain, P. *see* Paxal, V. 38086
Jourdan, A. *see* Chiaroni, D. 37078
Jourdan, A. *see* Ottolenghi, P. 28878
Jourdan, N., Yamaguchi, H., Horikoshi, Y. Dependence of ErAs clustering and Er segregation in ErAs/GaAs heterostructures on growth temperature 18173
Jourdan, W. *see* Nather, H. 38340
Journeaux, T.L. *see* Field, C.J. 17565
Jousho, M. *see* Naito, F. 24788
Joutsensalo, J., Karhunen, J. Lowering the threshold SNR of Fourier signal subspace 13256
Joutsensalo, J. *see* Karhunen, J. 44826
Jouve, D., Bui, D. Torque ripple compensation in DSP based brushless servo drive 40530
Jouve, G. *see* Jimenez, M. 1779
Jouvet, D. *see* Sorin, C. 21700
Jouvet, D. *see* Sorin, C. 36630
Jouvrard, J.-M. *see* Dumont, C. 4860
Jouwsma, W. Marketing and design in flow sensing 154
Joux, A., Stern, J. Cryptanalysis of another knapsack cryptosystem 12896
Jovanovic, D. *see* Mickevicius, R. 27539
Jovanovic, K.L. *see* Popovic, D.B. 24323
Jovanovic, M. *see* Betz, R.E. 47848
Jovanovic, M.M., Jen-Ching Lin, Chen Zhou, Zhang, M., Lee, F.C. Design considerations for forward converter with synchronous rectifiers 41664
Jovanovic, M.M. *see* Farrington, R. 40312
Jovanovic, M.M. *see* Farrington, R. 40320
Jovanovic, M.M. *see* Hua, G. 33882
Jovanovic, P. *see* Ahmed, T. 38929
Jovanovic, P. *see* Eisenhandler, E. 15665
Jovanovic, P. *see* Ellis, N. 38927
Jovanovic, S., Fox, B. Dynamic load flow including generator voltage variation 32197
Jovanovic, S.D., Djuric, P.M. On the classification of the multilevel phase shift keying signals 21505
Jovanovic, T. *see* Pavlovic, Z. 2544
Jovanovic, V.M. *see* Sousa, E.S. 37768
Jove, X. *see* Salavedra, J.M. 4539
Jow, T.R. *see* Cygan, P.J. 43176
Jow, T.R. *see* Yen, S.P.S. 10534
Jow, T.R. *see* Yen, S.P.S. 17148
Jow-Tsong Shy *see* Tsan-Kuang Ho 20595
Jowers, S. *see* Kirby, S. 23410
Jowett, J.M. *see* Bailey, R. 7041
Jowett, J.M. *see* Brandt, D. 7025
Jowett, J.M. *see* Thrush, E.J. 9630
Joy, G., Zhigang Xiang Center-cut for color-image quantization 29790
Joyama, Y. *see* Kaneko, Y. 25585
Joyce, B. Kinetics and dynamics of MBE growth 9660
Joyce, B.A., Ohtani, N., Mokler, S.M., Shitara, T., Zhang, J., Neave, J.H., Fawcett, P.N. Applications of RHEED to the study of growth dynamics and surface chemistry during MBE 33615
Joyce, B.A. *see* Fahy, M.R. 18197
Joyce, B.A. *see* Mokler, S.M. 9657
Joyce, B.A. *see* Ohtani, N. 689
Joyce, D. Advanced digital transducer instrumentation 46393
Joyce, D. *see* Ziock, H.J. 7184
Joyce, G.C., Hurle, D.T.J., Vaughan, Q.A.E. Novel development of the weighing method for automatic Czochralski crystal growth of semiconductors 635
Joyce, J.S. *see* Finckh, H.H. 39986
Joyce, R.L. *see* Schaffner, J.H. 45968
Joyce, R.L. *see* Schaffner, J.H. 46000
Joyce, T.B., Bullough, T.J. Use of a silicon strip doping source in chemical beam epitaxy 2031
Joyce, T.B., Pfeffer, T., Bullough, T.J., Jones, A.C. Metalorganic sulphur sources for the doping of GaAs grown by chemical beam epitaxy 27643
Joyce, T.B.F. *see* Sun, D. 708
Joyez, P., Lafarge, P., Filipe, A., Esteve, D., Devoret, M.H. Observation of parity-induced suppression of Josephson tunneling in the superconducting single electron transistor 43364
Joyner, C.H. *see* Kuznetsov, M. 20785
Joyner, C.R. *see* Unal, R. 7563
Joyner, K.H. Electromagnetic fields and health—issues and concerns 7498
Joyner, K.H. *see* Lubinas, V. 15936
Jozawa, H., Watanabe, H. Resolution scalable video coding with multirate filter banks 36531

Jozawa, H., Watanabe, H., Hashimoto, H. HDTV/TV compatible coding based on intrafield/interframe adaptive LOT and its characteristics 13491
Jozefiak, T., Sagan, B.E. Basic derivations for subarrangements of Coxeter arrangements 532
Jozefowicz, M.E., Ning-Cheng Lee Electromigration vs. SIR 17959
Jozwikowska, A. *see* Piotrowski, J. 28641
Jozwikowski, K. *see* Piotrowski, J. 28641
Ju, B.K. *see* Lee, Y.H. 35603
Ju, Z.-W. *see* Frey, E.C. 15756
Ju Dong-Hyuk *see* Dong-Hyuk Ju
Ju Hongbin, Cao Zhigang Four-dimension 8PSK TCM and all digital synchronous algorithm 4411
Ju Jiubin *see* Li Yanbei 37392
Ju Ping *see* Wei Zhinong 8024
Ju Youlun *see* Wang Yuezhu 28774
Ju Yun-Huei *see* Yun-Huei Ju
Ju Zixiang *see* Batsyn, M.Ya. 25316
Ju-Seog Jang Photorefractive ring resonator with controllable mode competition and its application for pattern recognition 35517
Ju-Xiang Wang *see* Wang Ju-Xiang
Juan, A., Vidal, E. Fast K-means-like clustering in metric spaces 22251
Juan, P. *see* Level, M.-P. 15290
Juan, W.H., Pang, S.W. High aspect ratio polyimide etching using an oxygen plasma generated by electron cyclotron resonance source 42673
Juan, W.H. *see* Bride, J.A. 18303
Juan, W.H. *see* Sung, K.T. 19555
Juan Chen *see* Chen Juan
Juan Du *see* Du Juan
Juan Shin-Chou *see* Shin-Chou Juan
Juan Sun *see* Sun Juan
Juang, B.-H. *see* Chang, P.-C. 4481
Juang, B.H., Lo, S.H. On the bias of the Turing-Good estimate of probabilities 44803
Juang, B.H., Rabiner, L.R. Spectral representations for speech recognition by neural networks—a tutorial 4497
Juang, C. *see* Chen, P.A. 35875
Juang, D.C. *see* Chen, K.H. 18792
Juang, F.Y. *see* Chang, E.Y. 27572
Juang, F.Y. *see* Chang, E.Y. 42563
Juang, F.Y. *see* Lin, J.D. 27699
Juang, M. *see* Chao, S.-C. 14227
Juang, M.H., Lin, C.T., Jan, S.T., Cheng, H.C. The process limitation for forming Ti silicided shallow junction by BF_2^+ implantation into thin polycrystalline Si films and subsequent Ti silicidation 2234
Juang, Y.Z., Su, Y.K., Shei, S.C., Fang, B.C. Comparing reactive ion etching of III-V compounds in $Cl_2/BCl_3/Ar$ and $CCl_2F_2/BCl_3/Ar$ discharges 27726
Juang, Y.Z. *see* Su, Y.K. 10928
Juang Fu-Ming *see* Fu-Ming Juang
Juang Miin Horng *see* Miin Horng Juang
Juang Wanyong *see* Wanyong Juang
Juanole, G. *see* Berge, N. 37544
Juanole, G. *see* Carmo, R.L.R. 37150
Juarez, J.A.Gallego *see* Gallego Juarez, J.A.
Jubainville, R. Congestion control for frame relay 45450
Juchter, H. *see* Hammer, M. 37165
Juciene, V. *see* Pozela, J. 1122
Juciene, V. *see* Pozhela, J. 1918
Jud, J.-M. *see* Bittermann, V. 39262
Jud, J.-M. *see* Bittermann, V. 47179
Juda, M. *see* McCammon, D. 19924
Juda, M. *see* Stahle, C.K. 24129
Judah, J. Overview of fuel inspections at the Darlington nuclear generating station 8086
Judah, S.R. *see* Alhargan, F.A. 42167
Judas, A. *see* Saulnier, G.G. 20203
Juday, R.D., Barton, R.S., Kinser, J., Alvarez, J.L. Efficient code for optimal realizable filter calculation 30120
Juday, R.D. *see* Monroe, S.E., Jr. 36857
Judd, D. *see* Hahn, K. 31567
Judd, D.A., Kettle, L.J., Menown, H., Newton, B.P., Nicholls, N.S., Sheldrake, R. Modern thyratron crowbar protection systems 7284
Judd, D.L. *see* Barnard, J.J. 31535
Judd, D.L. *see* Celata, C.M. 31562
Judd, D.L. *see* Yu, S.S. 15339
Judd, K. *see* Suzuki, M. 13279
Judd, M. *see* Konig, D. 35154
Judd, N.P. *see* Harrold, S.J. 43677
Judd, T. *see* New, D. 14080
Judge, J. *see* Beadle, H.W.P. 14000
Judge, J. *see* Biba, P. 32586
Judkins, J.B. *see* Ziolkowski, R.W. 3885
Judkins, J.B. *see* Ziolkowski, R.W. 3889
Judy, D.C. *see* Stricklett, K.L. 43187
Judy, J.H. *see* Cameron, G.P. 43313
Judy, J.H. *see* Huang, M. 43312
Jue, J. *see* Staepelaere, D. 33827
Jue, J.-F. *see* Mehta, K. 17334
Jue Xue Edge-maximal triangulated subgraphs and heuristics for the maximum clique problem 33487
Jue-Hsien Chern *see* Durbeck, D. 34649
Jue-Hsien Chern *see* Mayaram, K. 26570
Jue-Hsien Chern *see* Mi-Chang Chang 19729
Juen, S., Lamprecht, F., Rodrigues, R., Hopfel, R.A. Spectral luminescence enhancement in three-dimensional optical microcavities formed by GaAs microcrystals 44015
Juergens, T., Ruderman, M.A., Brodd, R.J. A new high rate lead acid battery 40439
Juesheng Zhang *see* Zhang Juesheng
Juette, G. *see* Torgerson, D. 7947
Jufer, M. *see* Crivii, M. 8471
Jufer, M. *see* Favre, E. 40130
Jufer, M. *see* Favre, E. 47850
Jufer, M. *see* Nussbaumer, J.-P. 40103
Juffermans, C. *see* Ronse, K. 2263
Juffermans, C.A.H., Dijkstra, H.J., Verhulst-van Hout, Y. The effect of surface inhibition on process latitudes 11012
Juffermans, C.A.H. *see* Dijkstra, H.J. 2329
Jugan, D. *see* Kazdaghli, A. 17046
Juha, L. *see* Krasa, J. 38849
Juhala, R. *see* Baumann, J. 20839
Juhala, R.E. *see* Parks, W.F. 20890
Juhel, M. *see* Alexandre, F. 42882
Juhl, G.M. CADD to AM/FM and beyond, at Tucson Electric Power Co 16194
Juhl, G.M. Utility turns to integrated CAD/GIS for total quality management 39585
Juhlin, L.E. *see* Adam, P. 47427
Juhlin, L.E. *see* de Silva, J.R. 47467
Juhola, M. *see* Aalto, H. 24142
Juhola, M. *see* Gronfors, T.K. 24275
Juillaguet, S. *see* Kohl, A. 9643
Juillard, M. *see* Bosland, P. 9775
Juillard, M. *see* Fouaidy, M. 15516
Juillot, P. *see* Adam, W. 46929
Juin-Hwey Chen, Cox, R.V. The creation and evolution of 16 kbit/s LD-CELP: from concept to standard 4460
Juip, G. *see* Felsvang, K. 8129
Juj, H., Moser, A.T. *(editors)* Northcon/92. Conference Record 40789
Julian, K., Hampton, R.N. Comparison of Weibull statistical methods with other methods of data analysis [in power cable testing] 16372
Juliana, M. *see* Jayachandran, M. 41496
Julien, C., Khelfa, A., Benramdane, N., Guesdon, J.P., Dzwonkowski, P., Samaras, I., Balkanski, M. Lithium insertion in indium selenide films: application to microbatteries 42453
Julien, C. *see* Breton, M. 3655
Julien, K.S. *see* Sharma, C. 40659
Juling, W. *see* Farkas, P. 44670
Jullien, G. *see* Zhang, D. 10126
Jullien, G.A., Miller, W.C., Grondin, R., Del Pup, L., Bizzan, S.S., Dapeng Zhang Dynamic computational blocks for bit-level systolic arrays 41854
Jullien, G.A., Wigley, N.M., Miller, W.C. Implementation considerations in the Polynomial Ring Engine 10215
Jullien, G.A., Wigley, N.M., Miller, W.C. VLSI implementations of number theoretic techniques in signal processing 26969
Jullien, G.A. *see* Macleod, M.D. 44955
Jullien, G.A. *see* Wang, Z. 9446
Jullien, G.A. *see* Wang, Z. 26793
Jullien, G.A. *see* Wang, Z. 29715
Jullien, G.A. *see* Zhongde Wang 44839
Jullien, J. *see* Li, C.F. 31505
Jumarie, G. Composition laws for entropy and temperature in tree-like graphs 4351
Jumel, Y. *see* Kerouanton, A. 17160
Jun, H., Leich, H. A discriminative training algorithm for speech recognizer based on the neural prediction model 13132
Jun, M.C. *see* Hwang, J.R. 28150
Jun Ai *see* Ai Jun
Jun Ali, Mingcui Cao, Hongpu Li, Fengguang Luo, Zaiguang Li A general algorithm to determine the topological equivalence of optical interconnection networks 28541
Jun Byung-Eul *see* Byung-Eul Jun
Jun Chen, Hirayama, T., Guanming Lai, Tanji, T., Ishizuka, K., Tonomura, A. Real-time electronholographic interference microscopy with a liquid-crystal spatial light modulator 21099
Jun Chen *see* Xuefeng Yue 44053
Jun Chen *see* Chen Jun
Jun Cheng *see* Cheng Jun
Jun Chi Hoon *see* Chi Hoon Jun
Jun Jung Mok *see* Jung Mok Jun
Jun Ki Ho *see* Ki Ho Jun
Jun Lee Young *see* Young Jun Lee
Jun Li *see* Cunlin Zhang 29046
Jun Li *see* Qiang-Hua Xu 43741
Jun Li *see* Li Jun
Jun Liu, Lianghuan Feng Persistent photoconductivity and band offset in μc-Si:H/a-Si:H superlattices 1903
Jun Liu, Lianghuan Feng Anomalous conductivity phenomenon and quantum size effects in a new microstructure-modulated superlattice 10684
Jun Liu, Lianghuan Feng Anomalous conductivity behaviour owing to resonant tunneling in μc-Si:H/a-Si:H superlattices 10699
Jun Liu *see* Liu Jun
Jun Ma *see* Ma Jun
Jun Niu *see* Niu Jun
Jun Pan Ying *see* Pan Ying Jun
Jun Pei *see* Degertekin, F.L. 34663
Jun Peng *see* Peng Jun
Jun Qian, Yang Hong-Sheng, Lu Zhong-Zuo Studies on the closed circular groove guide 4222
Jun Qian *see* Hong Wu 44577
Jun Qiao *see* Qiao Jun
Jun Seok Taek *see* Seok Taek Jun
Jun Shen *see* Bingcheng Li 22036
Jun Shi *see* Shi Jun
Jun Tan *see* Tan Jun
Jun Tang *see* Yamashita, I. 37385
Jun Tang *see* Tang Jun
Jun Wang Analysis and design of a recurrent neural network for linear programming 18935
Jun Wang *see* Javidi, B. 36964
Jun Wang *see* Wang Jun
Jun Wang Jian *see* Wang Jian Jun
Jun Wu *see* Wu Jun
Jun Xu, Tanahashi, S., Sakamoto, Y., Aoki, Y. Gesture description and structure of a dictionary for intelligent communication of sign language images 29791
Jun Xu *see* Kunji Chen 12332
Jun Xu *see* Xu Jun
Jun Yang *see* Yang Jun
Jun Zeng Xiao *see* Zeng Xiao Jun
Jun Zhang, Yong Yan Perceptual grouping by local group tree search 30071
Jun Zhang *see* Zhang Jun
Jun Zhang Tie *see* Zhang Tie Jun
Jun Zhao *see* Jian Zhang 43743
Jun Zhao *see* Zhao Jun
Jun Zhen *see* Zhen Jun
Jun Zheng *see* Liren Liu 20469
Jun-Hui Yang, Zng-Duo Dai Construction of *m*-ary de Bruijn sequences 12961
Jun-Hui Yang, Zong-Duo Dai, Ken-Cheng Zeng The data base of selected permutations 12967
Jun-Keun Ji, Seung-Ho Song, Seung-Ki Sul, Min-Ho Park DSP-based self-tuning IP speed controller and predictive current controller for rolling mill DC drive 17622
Jun-Ning Chen *see* Chen Jun-Ning
Jun-Ren Chang *see* Yuan-Hua Chu 19978
Jun-Sik Kwon, Jong-Soo Choi Application algorithms of mathematical morphology for SMT 26227
Juncar, P. *see* Zondy, J.J. 3452
Junchang Li *see* Li Junchang
Junding Wen *see* Wen Junding
Jundt, F. *see* Maazouzi, C. 31746
June Hahn Sang *see* Sang June Hahn
June Hong Sung *see* Sung June Hong
June Park Young *see* Young June Park
June-Hong Chen *see* Ching-Chir Shyur 5993
June-Park Young *see* Young June-Park
Junewen Chen, Jiann-Cherng Jeang High repetition rate solid state laser passive modulator 28956
Junfa Mao *see* Mao Junfa
Jung, A. *see* Govaert, K. 31556
Jung, D.H. *see* Huang, J.Y. 15448
Jung, F. Digital HDTV image manipulation: architecture of a transformation frame store 38285
Jung, F., Naegele, F., Thomann, J. Multisummation of formal power series, solutions of linear ODE equations 33549
Jung, H.J. *see* Stock, M. 23921
Jung, I. *see* Lian, S. 9557
Jung, K. *see* Loe, R.S. 13376
Jung, K.-H. *see* Kim, H. 24682
Jung, K.H. *see* Yan, J. 34781
Jung, L. *see* Bhattacharya, S. 11163
Jung, L. *see* Manna, I. 42932
Jung, M., Teissier, C., Siffert, P. Dose response simulations of a high sensitivity electronic silicon dosemeter 39124
Jung, M. *see* Jank, A. 48135
Jung, M. *see* Kim, T.W. 42474
Jung, M. *see* Steck, M. 7061
Jung, N., Tralle, C. An alternative method of optoelectronic color analysis for slides 45082
Jung, N., Zurbes, S., Dresen, A. Performance of high resolution A/D converters in time interleaved operation 1291
Jung, P., Baier, P.W., Steil, A. Advantages of CDMA and spread spectrum techniques over FDMA and TDMA in cellular mobile radio applications 5783
Jung, P., Blanz, J. Design of a Viterbi equalizer with field programmable gate arrays 14480
Jung, P., Fraise, P., Mazzella, M., Melet, E., Rouffet, D. Inter-satellite links for personal communications low Earth orbit satellite systems 22957
Jung, P., Nasshan, M. Performance evaluation of turbo codes for short frame transmission systems 29438
Jung, P., Nasshan, M. Dependence of the error performance of turbo-codes on the interleaver structure in short frame transmission systems 37837
Jung, P. *see* Coulomb, B. 22821
Jung, P. *see* Steiner, B. 45868
Jung, S.H. *see* Bae, B.S. 34994
Jung, T., Whitney, D.K., Jr. A 500 MHz ATE pin driver 14894
Jung, T. *see* Choi, Y.-H. 27363
Jung, T. *see* Davis, C. 11301
Jung, T.G. *see* Chang, T.C. 41456

Jung, T.H. *see* Dammer, U. 28348
Jung, Th. *see* Hug, H.J. 6743
Jung, Y.C., Cho, G.H. New shoot-through pole resonant link inverter with low voltage stress 8556
Jung, Y.C., Un, C.K., Ryu, S.M., Lee, S.C. Analysis of out-of-sequence problem and preventative schemes in parallel switch architecture for high-speed ATM network 37558
Jung, Y.G., Cho, K.Y., Lim, Y.C., Park, J.K., Chang, Y.H. Time-domain identification of brushless DC motor parameters 8450
Jung Chan Il *see* Chan Il Jung
Jung Chen Jiahn *see* Jiahn Jung Chen
Jung Chung Moon *see* Moon Jung Chung
Jung Han, Li He, Gunshor, R.L., Nurmikko, A.V. Blue/green lasers focus on the market 43911
Jung Ho-Won *see* Ho-Won Jung
Jung Hong Sik *see* Hong Sik Jung
Jung Hoon Lee *see* Jong Sun Ko 17449
Jung Hwang Ho *see* Ho Jung Hwang
Jung Keun Wook *see* Keun Wook Jung
Jung Ki Ro *see* Ki Ro Jung
Jung Kim Seong *see* Seong Jung Kim
Jung Kyung-Hee *see* Kyung-Hee Jung
Jung Mok Jun *see* Kyu Chang Park 26487
Jung Mok Jun *see* Sung Chul Kim 18271
Jung Sung Tae *see* Sung Tae Jung
Jung Tz-Guei *see* Tz-Guei Jung
Jung Tze-Guei *see* Tze-Guei Jung
Jung Woong Ra *see* Sung Yong Hong 4170
Jung Young Son *see* Dong Hwan Son 3873
Jung-Chi Chen *see* Ososanya, E.T. 41955
Jung-Chi Chen *see* Ososanya, E.T. 44917
Jung-Chien Li, Guan-Chyun Hsieh A study on an AC active load simulator 945
Jung-Chien Li *see* Guan-Chyun Hsieh 1026
Jung-Chih Chiao *see* Moonil Kim 34279
Jung-Chul Park *see* Woo-Sung Han 11074
Jung-Dar Shie *see* Liang-Wei Lee 30154
Jung-Gribble, D. Distributed support for LAN administration 26104
Jung-Hee Lee, Seong-Dae Kim The effect of spatial filtering on accuracy of motion constraint equation 29808
Jung-Hee Lee, Seong-Dae Kim An error analysis of gradient-based methods 30142
Jung-Hee Lee *see* Sang-Yeon Kim 36885
Jung-Heum Park, Kyung-Yong Chwa On the construction of regular minimal broadcast digraphs 37053
Jung-Hui Chiu *see* Chung-Ju Chang 5151
Jung-Keyng Choi *see* Gwi-Tae Park 8435
Jung-Kuei Chen, Soong, F.K. An N-best candidates-based discriminative training for speech recognition applications 36625
Jung-Meng Huang, Lai, F. A BIST RAM architecture with parallel testing in a microprogram ROM 18706
Jung-Pyo Lee, Soon-Chan Hong, Seuk-Yong Hwang, Won-Pyo Hong Characteristic analysis for the design of three-phase ICB circuits 16952
Jung-Seok Park, kwan-Joon Kim Determination of priority among correlated inputs in source identification problems 13171
Jung-Shyr Wu, Fang-Jang Kuo Traffic management circuit for the shared buffer memory switch with multicasting 5359
Jung-Suk Goo, Hyungsoon Shin, Hyunsang Hwang, Dae-Gwan Kang, Dong-Hyuk Ju Physical analysis for saturation behavior of hot-carrier degradation in lightly doped drain n-channel metal-oxide-semiconductor field effect transistors 42923
Jung-Woong Ra *see* Cheon-Seok Park 29120
Jung-Young Son, Hyung-Wook Jeon, Sang-Sam Choi Light propagation in a photorefractive $BaTiO_3$ crystal 21053
Jung-Yuan Kung, Yung-Chang chen Applications of cumulant based inverse filter criteria to deconvolution of seismic signals and speech signals 13169
Jung-Yuan Kung *see* Chong-Yung Chi 13428
Jungang Han *see* Han Jungang
Jungbluth, E.D. Practical integrated optical devices command new respect 20384
Junge, G., Schafer, U. An advanced drive system for electrical vehicles 48310
Jungemann, E., Adams-Russel, P. Usage-based billing: the transition to transaction 38331
Jungenfelt, D. New generation of MINI-LINK 14425
Junger, S. *see* Volkel, R. 10588
Jungert, E., Chang, S.K. An image algebra for pictorial data manipulation 13613
Junginger, B. *see* Wedding, B. 30852
Jungk, G. *see* Ramsteiner, M. 41348
Junglas, K.-J., Puppe, F. Generic knowledge base improving acquisition of declarative knowledge [for power systems] 32182
Junglas, K.-J., Stenzel, J. Knowledge base evaluation of an expert system to diagnose network faults using a digital network model 25079
Jungnickel, B.-J. *see* Schaffner, F. 43174
Jungning Chen *see* Chen Jungning
Jungwoo Lee, Dickinson, B.W. Scene-adaptive motion interpolation structures based on temporal masking in human visual perception 29962
Junho Lee *see* Cheul Shim 45639
Junhua Gao *see* Gao Junhua
Junhua Gu *see* Gu Junhua
Junhuei Huang *see* Huang Junhuei
Junior, J.M. *see* Takahashi, J. 15381
Junior, P., Malouschek, M., Dehen, J. Matching fingers in the four rod RFQ 15444
Junker, G.P., Kishk, A.A., Glisson, A.W. Numerical analysis of dielectric resonator antennas excited in quasi-TE modes 4292
Junker, G.P., Kishk, A.A., Glisson, A.W., Kajfez, D. Effect of an air gap around the coaxial probe exciting a cylindrical dielectric resonator antenna 36371
Junker, G.P., Kishk, A.A., Glisson, A.W., Kajifez, D. Effect of air gap on cylindrical dielectric resonator antenna operating in TM_{01} mode 29335
Junkin, G. Capabilities of near-field phase retrieval at 94 GHz 21399
Junkin, G., Lee, K.C. Investigation of impulse sub-surface radar strategies for extremely lossy ground 30900
Junkin, G. *see* Tennant, A. 29288
Junkmann, V. *see* Holliday, C. 45402
Junmin Wang *see* Ruining Li 28775
Junmin Wang *see* Wang Junmin
Junming Zhou *see* Jianhua Li 10714
Junming Zhou *see* Wei Liu 3181
Junming Zhou *see* Zhenghao Chen 38508
Junming Zhou *see* Zhou Junming
Junning Chen *see* Chen Junning
Junno, B. *see* Paulsson, G. 41381
Junping Zhang *see* Zhang Junping
Junping Zou *see* Haozhe Dong 44510
Junqi Lu, Bin Wu An adjustable speed brushless DC motor system and its control 8451
Junqin Huang, Xiaofeng Meng, Xiaomao Xiao An intelligent signal analysis system 4594
Junquera, T. *see* Cavedon, J.M. 15354
Junquera, T. *see* Fouaidy, M. 15516
Junren Gan *see* Gan Junren
Junshan XU *see* Bing Chen 14217
Junshan Yang *see* Yang Junshan
Juntao Lu *see* Fang Qian 14971
Junwen Liang *see* Xingjiao Li 811
Junwu Chen *see* Chen Junwu
Junxian Liu, Gaofeng Wu An efficient finite element solution method for analysing large-scale symmetric structures 41214
Junyan Shi *see* Zhengfu Han 42547
Junying Hui *see* Hui Junying
Junying Xu *see* Xu Junying
Junyong Wu, Shijie Cheng, Deshu Chen Detailed transient simulation of an integrated AC/DC power system 7921
Junyou Yang *see* Yang Junyou
Juo, S.-Y. *see* Lu, S.-K. 26981
Juodkazis, S. *see* Petrauskas, M. 36011
Juptner, W. Non-destructive testing of fibre-reinforced plastics 6817
Juptner, W. *see* Falldorf, H. 3752
Juptner, W. *see* Schnars, U. 36062
Jurado, J.R. *see* Colomer, M.T. 17363
Jurado, J.R. *see* Osendi, M.I. 17333
Jurcik, B. *see* Kasper, G. 1998
Jurgen, H., Nick, R., Seitz, T., Brandes, W. Reliability analyses as an aid-medium in network planning—concepts for 110-kV substations in overland overhead power line networks 24867
Jurgens, R. *see* Becker, W. 31878
Jurgens, T.G., Taflove, A. Three-dimensional contour FDTD modeling of scattering from single and multiple bodies 36160
Jurgensen, C.W. *see* Farrow, R.C. 27894
Jurgensen, C.W. *see* Mixon, D.A. 27966
Jurgensen, H., Konstantinidis, S. The hierarchy of codes 21551
Jurgensen, H. *see* Balewski, K. 46775
Jurgovan, M. *see* Panasik, C.M. 2779
Jurich, M. *see* Smith, B.A. 43542
Jurich, M. *see* Thackara, J.I. 43546
Juricic, D. Rationale for the contents of Modern Engineering Design Graphics 232
Jurka, J. *see* Milosavljevic, A. 5420
Jurkevich, I. *see* Kalmykov, A.I. 16010
Jurkin, V.A. *see* Kirillov, V.G. 25763
Jurkin, V.A. *see* Kirillov, V.G. 25771
Jurkovic, M. *see* Li, L.K. 33628
Jurkovic, M. *see* Tao, I.W. 41356
Juroshek, J.R., Free, G.M. Measurements of the characteristic impedance of coaxial air line standards 46587
Juru Qin *see* Qin Juru
Jusheng Ma *see* Ma Jusheng
Juska, G., Kocka, J., Viliunas, M., Arlauskas, K. Subnanosecond bimolecular nonradiative recombination in a-Si:H 42440
Juska, G., Viliunas, M., Klima, O., Sipek, E., Kocka, J. New features in space-charge-limited-photocurrent transients 28603
Juska, G. *see* Kocka, J. 40482
Juskaitis, R., Mamedov, A.M., Potapov, V.T., Shatalin, S.V. Interferometry with Rayleigh backscattering in a single-mode optical fiber 31259
Jussawalla, M., Tehranian, J. The economics of delayed access: developing nations and satellite technology 14531
Jussila, P., Georgatsos, P., Varvaressos, K., Verikios, N. Object-oriented human-computer interface for TMN object management 37304
Juster, F.P. *see* Cavedon, J.M. 15354
Justesen, J. Bounded distance decoding of unit memory codes 36509
Justus, B.L., Campillo, A.J., Hendershot, D.G., Gaskill, D.K. Optical limiting in semiconductor nanocrystals in glass 3875
Justus, B.L. *see* Hendershot, D.G. 9746
Jutamulia, S. An implementation of backpropagation learning using an adaptive joint transform correlator 28569
Jutten, C. *see* Nguyen Thi, H.L. 13106
Jutten, C. *see* Pham, D.T. 13426
Jutting, K., Westkamper, E. Experiences during the installation of a control system for inspection, measuring and test equipment 26232
Juttner, B. *see* Anders, S. 8698
Jutz, J. *see* Lardelli, S. 28496
Jutzi, W. *see* Dolata, R. 2889
Juuma, T., Parkkinen, R., Yliopisto, O. An automatic measurement system for condition monitoring and fault diagnosis of air pressure systems 9359
Juvells, I. *see* Carnicer, A. 29899
Juvells, I. *see* Llovet, X. 31850
Juvells, I. *see* Moneo, J.R.deF. 29898
Juvin, D. *see* Boukir, S. 22285
Juvin, D. *see* Collette, T. 22283
Juvin, D. *see* Viala, M. 45171
Juxin Chen *see* Chen Juxin
Juyang Weng Image matching using the windowed Fourier phase 5016
Jyegal, J., DeMassa, T.A. New nonstationary velocity overshoot phenomenon in submicron gallium arsenide field-effect transistors 43002
Jyh Sheen *see* Shaoping Li 6734
Jyh-Chyurn Guo, Ching-Hsiang Hsu, Shao-Shiun Chung, S. Direct observation of channel-doping-dependent reverse short channel effect using decoupled C-V technique 42926
Jyh-Chyurn Guo, Hsu, C.C.-H., Pole-Shang Lin, Chung, S.S. An accurate 'decoupled C-V' method for characterizing channel and overlap capacitances of miniaturized MOSFET 19837
Jyh-Feng Lin, Meng-Chyi Wu, Ming-Jiunn Jou, Chuan-Ming Chang, Biing-Jye Lee AlGaInP/GaInP double-heterostructure orange light-emitting diodes on GaAsP substrates prepared by metalorganic vapor-phase epitaxy 43663
Jyh-Feng Lin, Meng-Chyi Wu, Ming-Jiuun Jou, Chuan-Ming Chang, Chin-Yuan Chen, Biing-Jye Lee Growth and characterization of $Ga_{0.65}In_{0.35}P$ orange light-emitting diodes by metalorganic vapor-phase epitaxy 3358
Jyh-Feng Lin *see* Ming-Jiunn Jou 9516
Jyh-Horng Wu, Ing-Jiunn Su, Jingshown Wu Synchronous fiber-optic code division multiple access networks using matrix codes 30783
Jyh-Horng Wu, Jingshown Wu Coding to improve receiver sensitivity for the optical intensity modulation direct-detection system 14623
Jyh-Jeng Deng *see* Jackman, J. 38715
Jyh-Kuang Lin, Chun-Yen Chang, Tai-Ho Wang, Heng-Sheng Huang, Kun-Luh Chen, Tai-Shung Ho, Ko, J. Charge loss due to AC program disturbance stresses in EPROMs 1216
Jyh-Kuang Lin *see* Heng-Sheng Huang 11319
Jyh-Kuang Lin *see* Heng-Sheng Huang 28273
Jyh-Ming Jong *see* Arabi, T.R. 23852
Jyh-Ming Jong *see* Hayden, L.A. 23861
Jyh-Ming Kuo *see* Principe, J.C. 44927
Jyh-Ming Tzeng *see* Bi-Shiou Chiou 9806
Jyh-Ren Wang, Pole-Shang Lin ERSO short-channel IGFET model for CMOS LDD devices from long to deep-submicron channel lengths 20005
Jyh-Shin Pan *see* Meng-Hui Chen 18838
Jyh-Shing Shyuu *see* Ruey-Ching Shyu 21665
Jyh-Wong Hong *see* Tean-Sen Jen 43661
Jyhpyng Wang, Mazur, E. Rejection of stochastic background noise in low-level pulsed light scattering experiments 1116
Jyhpyng Wang *see* Kung-Li Deng 38700
Jyochi, S. *see* Yasui, J. 8236
Jyuo-Min Shyu *see* Shiang-Tang Huang 34002

Ka Fai Fung *see* Fung Ka Fai
Ka Hin Leung, Siu Lun Ma Partial difference triples 9407
Ka-Leung Ho *see* Shing-Chow Chan 21750
Ka-Ngo Leung *see* Chun Fai Chan 46700
Kaack, T.R. *see* Corle, T.R. 34868
Kaaden, J. *see* de With, P.H.N. 38287
Kaag, G.H. *see* Weber, J.H. 12873
Kaan, A.P., Heemskerk, J.A., Touw, J., Bijleveld, J., Boer Rookhuizen, H., Verlegh, W., Langedijk, J., Bron, G., Arink, R., Lassing, P. Mechanical design philosophy and construction of the Amsterdam Pulse Stretcher Ring AmPS 6928

Kaarli, R. *see* Saari, P. 29039
Kaarmann, H. *see* Lerch, R. 16048
Kaashoek, M.F., van Renesse, R., van Staveren, H., Tanenbaum, A.S. FLIP: an internetwork protocol for supporting distributed systems 5235
Kaasila, V.-P., Mammela, A. The adaptive rake matched filter in a time-variant two-path channel 37702
Kaatze, U., Kuhnel, V., Menzel, K., Schwerdtfeger, S. Ultrasonic spectroscopy of liquids. Extending the frequency range of the variable sample length pulse technique 24551
Kabal, P. *see* Khandani, A.K. 44640
Kabal, P. *see* Khandani, A.K. 44849
Kabalan, K.Y. *see* El-Hajj, A. 21305
Kabana, S. *see* Bachler, J. 46934
Kabanov, A.I., Shakchgildian, V.V. Recent developments in frequency synthesizers in Russia 27200
Kabanov, V.V. *see* Dritz, V.V. 3799
Kabanov, V.V. *see* Dritz, V.V. 3819
Kabanova, M.V., Kovalenko, O.V., Merkusheva, G.V. Optimizing the properties of waterproof coatings based on photohardened compositions 34304
Kabashima, S., Sasao, K., Nakata, K., Kubota, H. Plasma structure and generator performance in nonequilibrium MHD generators 25830
Kabashima, S. *see* Harada, N. 25358
Kabashima, S. *see* Okamura, T. 25355
Kabashima, S. *see* Okamura, T. 25825
Kabashima, S. *see* Suekane, T. 8782
Kabashima, S. *see* Suekane, T. 17408
Kabashima, S. *see* Suekane, T. 25829
Kabashima, S. *see* Tsunoda, K. 25828
Kabashima, S. *see* Yoshikawa, K. 25353
Kabashima, S. *see* Zubtsov, V.M. 25833
Kabat, T. Assessing energy efficiency potential 7774
Kabatianskii, G. *see* Johansson, T. 29478
Kabeshita, A. *see* Higashi, K. 27387
Kabeya, K. *see* Nagamune, A. 25214
Kabir, S.M.F. *see* Auckland, D.W. 2705
Kabir, S.M.L., Shuttleworth, R. Brushless exciter model 32174
Kabir, S.M.Lutful *see* Lutful Kabir, S.M.
Kabl, W. *see* Thoma, W. 5526
Kablanian, A. *see* Hoang, L. 18712
Kabos, P. *see* Hyben, P. 1388
Kabrisky, M. *see* Lee, J.K. 4592
Kabrisky, M. *see* Nering, J. 23564
Kabuka, M.R. *see* Hussain, B. 36993
Kabuka, M.R. *see* Rios, A. 4842
Kabulov, R.R., Usmanov, Sh.N., Yuabov, Yu.M. Photoelectrical properties of amorphous hydrogenated films of silicon-germanium solid solution 33034
Kabulov, R.R. *see* Aronov, D.A. 3328
Kabulov, R.R. *see* Yuabov, Yu.M. 33035
Kabuyama, Y. Isuzu 'ELF'—1.25 ton payload electric delivery vehicle 48329
Kacejko, P. *see* Hammons, T.J. 24901
Kachan, A.D., Smirnov, I.A., Barkat, K., Nur, A. Conditions for improving the thermodynamic efficiency of recovery-type gas turbine plants 16684
Kachan, L.V. *see* Chedzhemov, G.K. 35928
Kachan, L.V. *see* Chedzhemov, G.Kh. 3439
Kachanov, V.A., Korzhik, M.V., Lobko, A.S., Moroz, V.I., Smirnova, V.A., Solov'yanov, V.L., Novgorodov, A.F., Rykalin, V.V., Khachaturov, B.A., Fedorov, A.A., Khodyrev, V.Yu. Reference light sources for monitoring multichannel electromagnetic and hadron calorimeters 7163
Kachanov, V.A. *see* Gorodnichev, V.B. 46954
Kachanov, V.A. *see* Kobayashi, M. 31667
Kachelmyer, A.L., Forsythe, K.W. *M*-ary orthogonal signaling in the presence of Doppler 4444
Kachem, K.H. *see* Pletschen, W. 2457
Kacherginskii, M.M. Improvement of electrical parameters for the control of high power electric furnaces 8990
Kachi, S. *see* Ohsawa, T. 14533
Kachru, R. *see* Shen, X.A. 2936
Kachru, R. *see* Shen, X.A. 20239
Kachurin, A.Kh. *see* Ganefeld, R.W. 25728
Kachurin, G.A., Tyschenko, I.E. Behavior of boron and nitrogen in a surface layer of silicon during synthesis of buried layers by implantation of N^+ ions 10850
Kachwalla, Z. *see* Chin, V.W.L. 10664
Kacines, J. *see* Roszel, L. 306
Kacprzak, B. *see* Wolny, A. 32950
Kacprzak, J., Kozłowski, M. A method of calculation of electric traction vehicle power 17530
Kacprzak, T., Slot, K. Multiple-input OTA based circuit for cellular neural network—implementation in VLSI CMOS technology 1360
Kaczanowicz, E. *see* Wang, X.X. 24032
Kaczmarek, H., Maison, S. Comparative ultrasonic analysis of damage in CFRP under static indentation and low-velocity impact 33772
Kaczmarek, K. *see* Bennington, B. 37688
Kaczmarek, M., Richter, I., Solymar, L. Threshold conditions and intensity relations in double-color-pumped oscillations 29016
Kaczmarek, M. *see* Skumiel, A. 24554
Kadaba, P.K. *see* Lou, X. 927
Kadah, Y.M., Farag, A.A., Youssef, A.-B.M., Badawi, A.S. Automatic tissue characterization from ultrasound imagery 7353
Kadakia, S. *see* Hamel, H. 9278
Kadakia, S.D., Donovan, T.E., Gupta, D., Beyene, W., Bhatia, H. Advanced design and modelling for manufacturability of a hybrid package 9298
Kadambe, S. On the choice of a wavelet, and the energy and the phase distributions of the wavelet transform 13367
Kadambe, S., Murray, R., Boudreaux-Bartels, G.F. The dyadic wavelet transform based QRS detector [ECG analysis] 31950
Kadambe, S. *see* Cohen, F.S. 21713
Kadar, I. *see* Haberstroh, R. 4753
Kadar, I. *see* Thomopoulos, S.C.A. 6109
Kadar, P. *see* Major, P. 32265
Kaddah, S.S. *see* El-Sayes, M.A. 8766
Kaddu, S.C., Caranto, N.R.Y., Murphy, M.M., Collins, S.F., Booth, D.J. Construction of fibre Fabry-Perot sensors for temperature or strain measurement 38544
Kadecka, E., Steinbacher, K. Electric installations of Uttendorf II power plant 16707
Kaden, C., Grabeldinger, H., Gauggel, H.-P., Hofsass, V., Hase, A., Menschig, A., Schweizer, H., Zengerle, R., Bruckner, H.J. Fabrication of nanometer-structures for photonic devices based on the negative tone resist AZPN114 34856
Kaden, C., Griesinger, U.A., Schweizer, H., Geng, C., Moser, M., Scholz, F., Benner, S., Blank, R., Haug, H. Carrier-induced reduction of the index of refraction of GaInP measured with distributed feedback lasers 20808
Kaden, C. *see* Griesinger, U.A. 27923
Kadhim, R., Allan, J., Mellitt, B. Assessment of AC side harmonics of DC supplied railways 17528
Kadija, K. *see* Bachler, J. 46934
Kadim, H.J., Taylor, G.E. Extended Petri nets based hierarchical test generation 41759
Kadin, A.M. *see* Borrelli, P.J. 11370
Kadin, A.M. *see* Gupta, D. 28407
Kadlec, F. *see* Skvor, Z. 38439
Kadlec, J., Gaston, F.M.F., Irwin, G.W. Regularised lattice-ladder adaptive filter 18844
Kado, H., Yamamoto, S., Yokoyama, K., Tohda, T., Umetani, Y. Observation of contact holes by atomic force microscopy with a ZnO whisker tip 2615
Kado, H. *see* Tanaka, S. 31154
Kado, H. *see* Tsukada, K. 20220
Kado, H. *see* Tsukada, K. 46364
Kado, H. *see* Uehara, G. 11539
Kadobayashi, Y., Yamaguchi, S., Miyahara, H. WWFS: a framework for distributing information in the Internet environment 30443
Kadoi, K. *see* Saitoh, Y. 7254
Kadoi, M. *see* Sasaki, H. 18132
Kadoiwa, K. *see* Arimoto, S. 12177
Kadoiwa, K. *see* Arimoto, S. 20844
Kadomoto, Y. *see* Morimoto, K. 17544
Kadomura, S. *see* Tatsumi, T. 27695
Kadoriku, S. *see* Murata, T. 26179
Kadota, H., Fujii, T., Segawa, M., Hatsuda, T., Nakatsuka, T. Low-power technology for deep sub-micron VLSIs 35066
Kadota, M., Kasanami, T., Chubachi, N. Influences and reduction of the stress caused at edges of ZnO film on the glass substrate for SAW device 2750
Kadota, M., Kondoh, C., Chubachi, N. Reduction of deviation of frequency characteristics of SAW filters by mechanical polishing of ZnO film surface 28344
Kadoun, A., Bremond, G., Barbier, D., Laugier, A., Tardy, J. Carrier compensation induced by rapid thermal annealing in undoped InP 19350
Kadowaki, N., Tanaka, M., Araki, K., Suzuki, Y. Advanced satellite communications experiments using ETS-VI 30684
Kadowaki, T. *see* Shima, A. 3635
Kadowaki, T. *see* Shima, A. 43907
Kadowaki, Y. *see* Kuwahara, Y. 21436
Kadowaki, Y. *see* Nakamura, S. 10327
Kadowaki, Y. *see* Takagi, T. 33917
Kadoya, Y., Yoshida, T., Someya, T., Akiyama, H., Noge, H., Sakaki, H. Etching of InAs in HCl gas and selective removal of InAs layer on GaAs in ultrahigh-vacuum processing system 2188
Kadoya, Y. *see* Miya, S. 2143
Kadrnozka, J. Engineering, economic and environmental contributions of modern steam-gas district heating plants and possibilities of their use in Czech heating systems 32764
Kadrnozka, J. A new method for distribution of consumed heat in a fuel and costs in power and heating plants 47738
Kadrnozka, J., Ochrana, L. Current state and development trends in power engineering 32713
Kadtke, J.B., Brush, J.S. Adaptive methods for chaotic communication systems 37051
Kadtke, J.B. *see* Brush, J.S. 44928
Kadushkin, V.I., Shangina, E.L. Transport phenomena in spaced doped $GaAs/Al_xGa_{1-x}As$ superlattices 10716
Kadushkin, V.I. *see* Kulbachinskii, V.A. 34566
Kadykov, M.G. *see* Gavrishchuk, O.P. 31765
Kadyshev, S.K. *see* Plyatsko, S.V. 42450
Kae Dal Kwack *see* Kwang Mean Park 2476
Kaede, K. *see* Nishio, M. 14360
Kaede, K. *see* Nishio, M. 30588
Kaelber, D.P. *see* Foltyn, C.M. 8149
Kaeli, D.R. Issues in trace-driven simulation 5582
Kaenel, P.von *see* von Kaenel, P.
Kaenel, R.A. Multimedia delivery across the last mile 38260
Kaeser, R. Design for crashworthiness of light electric vehicles 48420
Kaessner, J. *see* Huhse, D. 28829
Kafader, U. *see* Sutter, P. 31219
Kafchinski, E.R. *see* Chung, T.S. 17181
Kaffashan, A., Kelly, P., Sullivan, R. Circuit by circuit power cable separation in nuclear power plants 32542
Kaga, A. *see* Anazawa, Y. 25876
Kaga, S. *see* Okui, A. 8946
Kaga, S. *see* Okui, A. 33118
Kagami, J. *see* Harada, T. 38042
Kagan, C.R., Cima, M.J. Solution precipitation of CdSe quantum dots 9512
Kagan, S. *see* Cavalcanti, E.S.C. 24989
Kaganovich, E.B. *see* Svechnikov, S.V. 42553
Kaganovitch, E.B. *see* Sukach, G.A. 35611
Kagaris, D., Tragoudas, S. Cost-effective LFSR synthesis for optimal pseudoexhaustive BIST test sets 33986
Kagawa, H. *see* Sawada, M. 42953
Kagawa, Y. *see* Analoui, M. 21380
Kagawa, Y. *see* Murayama, K.-I. 29093
Kagawa, Y. *see* Sun, Y. 464
Kagawa, Y. *see* Sun, Y. 29098
Kager, A. *see* Liou, J.J. 19783
Kageshima, H. *see* Ono, Y. 19580
Kageshima, M., Yamada, H., Nakayama, K., Sakama, H., Kawazu, A., Fujii, T., Suzuki, M. Development of an ultrahigh vacuum atomic force microscope for investigations of semiconductor surfaces 27444
Kageyama, H. *see* Saka, M. 33781
Kageyama, J. *see* Niwano, M. 27679
Kageyama, J. *see* Niwano, M. 42715
Kageyama, K., Hayashibe, S., Kanazawa, M., Watanabe, H., Fujioka, M. Characteristics of a single-wire proportional counter with very thin rectangular cross section 46873
Kageyama, M., Tatara, Y., Onoda, H. Influence of interface structure between overlayered titanium nitride film and aluminum on multilayered interconnects 10970
Kageyama, S. *see* Goto, H. 9801
Kageyama, S. *see* Mihashi, Y. 20849
Kageyama, S. *see* Shima, A. 3635
Kageyama, T. *see* Furuya, S. 16717
Kageyama, T. *see* Nakagawa, T. 7112
Kageyama, Y. *see* Iwasaki, H. 20258
Kagomi, S. *see* Sasaki, T. 27775
Kagoshima, K. *see* Maruyama, T. 12745
Kagoshima, K. *see* Uehara, K. 29383
Kagoshima, T., Kawamata, M., Higuchi, T. A novel approach to frequency domain design of three-dimensional digital filters via decomposition 21747
Kah-Chye Tan, Er, M.H., Geok-Lian Oh A new measure for assessing the accuracy of direction-of-arrival estimate 44832
Kah-Chye Tan, Geok-Lian Oh, Er, M.H. A study of the uniqueness of steering vectors in array processing 29662
Kahai, M.H. *see* Yamashita, K. 1333
Kahana, E., Chung, Y. Test results of a monopulse beam position monitor for the Advanced Photon Source 15417
Kahana, E. *see* Lumpkin, A.H. 15341
Kahaner, D.K. HDTV research in Japan 14790
Kahen, K.B. Theory of Schottky-contact formation on GaAs(110) 1933
Kahkonen, A., Levula, A. IVO's KUHA transmission maintenance-management system 16284
Kahkonen, O.-P., Talvitie, M., Kautto, E., Manninen, M. Effects of proton and α irradiations on permanent magnets 43319
Kahl, B., Karner, H.C. The influence of a cylindrical shield electrode on the dielectric strength of large vacuum gaps 2700
Kahle, H. *see* Kraushaar, K.H. 8153
Kahle, H.-G. *see* Gruen, A. 39366
Kahlen, H. Converter technology for EV drive systems 40606
Kahlen, H. Technological advances and role of government subsidies in the development of electric vehicles 48188
Kahlen, H., Maggetto, G., Van den Bossche, P. 'EDS' (advanced electric drive systems for buses, vans and passenger cars to reduce pollution): an important step towards new European developments 48407
Kahlen, H. *see* Maggetto, G. 48198
Kahlenberg, R., Nedelijkovic-Groha, V., Reinhart, G. Logistic quality management in production 40984
Kahler, R.L. *see* Popp, D.J. 39230
Kahlert, C. The effects of symmetry breaking in Chua's circuit and related piecewise-linear dynamical systems 26668
Kahn, E., Stoft, S. Coal gasification in a de-integrated electricity industry 24744
Kahn, E. *see* Baldick, R. 32373

Kahn, F.J., Bergstrom, N., Bone, M., Chen, W., Chen, X., Loucks, B., Marion, R., McInnis, R., Resurrecion, G., Slobodin, D., Sugiarto, D. Photoaddressed, storage-type liquid crystal light valves for continuous grayscale, high resolution images 6699
Kahn, J.M., Barry, J.R., Krause, W.J., Audeh, M.D., Carruthers, J.B., Marsh, G.W., Lee, E.A., Messerschmitt, D.G. High-speed non-directional infrared communication for wireless local-area networks 23082
Kahn, J.M., Krause, W.J. Experimental characterization of multipath free-space infrared channels for wireless in-building networks 38010
Kahn, J.M. *see* Buckman, L.A. 28867
Kahn, J.M. *see* Ho, K.P. 20789
Kahn, J.M. *see* Keang-Po Ho 23012
Kahn, O. *see* Van den Bout, D.E. 23766
Kahnert, A. Numerical methods for calculating the mechanical behavior of electromagnetic devices 44260
Kahng, A.B. *see* Boese, K.D. 18557
Kahng, A.B. *see* Boese, K.D. 19936
Kahng, A.B. *see* Cong, J. 9900
Kahng, A.B. *see* Hagen, L. 18391
Kahng, A.B. *see* Hagen, L. 26609
Kahng, A.B. *see* Hagen, L. 26894
Kaho, S. *see* Tahata, S. 15150
Kahrizi, M. *see* Sarkar, T.K. 10400
Kahrizi, M. *see* Sarkar, T.K. 12747
Kahrizi, M. *see* Sarkar, T.K. 44507
Kahya, Y.P. *see* Engin, T. 24159
Kahya, Y.P. *see* Sankur, B. 47033
Kai, J. *see* Itsumi, M. 19489
Kai, J. *see* Sakamoto, K. 27870
Kai, J. *see* Yasuda, H. 27871
Kai, K. *see* Ohtomo, A. 42914
Kai, S. *see* Yano, J. 3166
Kai, T., Funabashi, T. A new analytical method for cross-country multiple faults in double-circuit transmission lines 32414
Kai Chang *see* Chien-Hsun Ho 19000
Kai Chang *see* Chien-Hsun Ho 34223
Kai Chang *see* Chien-Hsun Ho 42171
Kai Chang *see* Gopalakrishnan, G.K. 27228
Kai Chang *see* Leverich, W.K. 21448
Kai Chang *see* McCleary, J. 34226
Kai Chang *see* Ming-Yi Li 6761
Kai Chang *see* Navarro, J.A. 36440
Kai Choong Chan, Hai Feng Liu Effect of third-order dispersion on soliton-effect pulse compression 21090
Kai Guiyun *see* Lu Kecheng 28721
Kai Han *see* Han Kai
Kai Liu, Wei Hong The method of lines for EM wave scattering from an arbitrary profile 21194
Kai Lu *see* Lu Kai
Kai Xia *see* Wenli Xu 13705
Kai Xia *see* Wenli Xu 13719
Kai Zhang, Der-Woei Wu, Jianming Fu, Miller, D.L., Fukuda, M., Yong-Hoon Yun, Schauer, S. Low-temperature migration enhanced epitaxy of base material for AlGaAs/GaAs heterojunction bipolar transistors 653
Kai-Bor Yu Adaptive multiple beam antenna for simultaneous reception of multiple sources 36422
Kai-Feng Huang *see* Tai, K. 3648
Kai-Fong Lee, Chebolu, S.R., Wei Chen, Lee, R.Q. On the role of substrate loss tangent in the cavity model theory of microstrip patch antennas 44567
Kai-Fong Lee *see* Wei Chen 21407
Kai-Fong Lee *see* Zhibo Fan 12761
Kai-Loong Tong *see* Marcellin, M.W. 21966
Kai-Ming Chi *see* Jain, A. 19653
Kai-Ping Yang *see* Shiunn-Jang Chern 38173
Kai-Yi Huang, Mausel, P.W. Spatial post-processing of spectrally classified video images by a piecewise linear classifier 39346
Kai-Ying Wang, Yi-Zhong Wang, Lin Yin, Lin Song, Xiao-Lei Rao, Gui-Chuan Liu, Bo-Ping Hu $Sm_2Fe_{17}N_y$ powder with high coercivity prepared by high energy ball milling 2797
Kai-Yuan Yeh *see* Yeh Kai-Yuan
Kaida, S. *see* Okimura, H. 41426
Kaide, T. *see* Ebiike, Y. 25902
Kaide, T. *see* Makishi, Y. 31837
Kaide, T. *see* Zushi, T. 2979
Kaiga, T. *see* Hatakenaka, T. 6260
Kaihara, A. *see* Kitaguchi, H. 38867
Kaihe Zhang *see* Lei He 18672
Kaihola, L. Cosmic particle spectrum as a quench monitor in low level liquid scintillation spectrometry 47005
Kaijiri, K. *see* Wang, C. 14275
Kaiki, N., Sagisaka, Y. Prosodic characteristics of Japanese conversational speech 21689
Kaiki, N. *see* Iwahashi, N. 21691
Kailath, T. *see* Aghajan, H.K. 13622
Kailath, T. *see* Guanghan Xu 36758
Kailath, T. *see* Guanghan Xu 44993
Kailath, T. *see* Gyugyi, P.J. 19485
Kailath, T. *see* Khalaj, B.H. 435
Kailath, T. *see* Khalaj, B.H. 17929
Kailath, T. *see* Swindlehurst, A.L. 13221
Kailath, T. *see* Xu, G. 29616
Kain, A.Z., Fetterman, H.R. Parametric interactions in high-T_c superconducting step edge junctions at X-band 1498
Kain, A.Z., Fetterman, H.R. Measurement of parametric interactions in $YBa_2Cu_3O_{7-x}$ step edge junctions 2902
Kain, A.Z., Pond, J.M., Fetterman, H.R., Jackson, C.M. Impact of kinetic inductance effect on high-T_c superconducting coplanar waveguide resonators 1405
Kainaga, M. *see* Okada, T. 41914
Kaindl, G. *see* Reich, T. 7307
Kaino, T. *see* Naganuma, M. 30734
Kainthla, R.C. *see* Appleby, A.J. 17192
Kaiser, A. *see* Stefanelli, B. 1078
Kaiser, C.P., Shafi, M., Smith, P.J. Analysis methods for optical heterodyne DPSK receivers corrupted by laser phase noise 45942
Kaiser, D., Grosskopf, H., Grotjahn, F., Gyuro, I., Kuebart, W., Reemtsma, J.-H., Eisele, H. De-embedding of on-wafer lightwave measurements performed on a monolithic 10 Gb/s InP receiver-OEIC 28671
Kaiser, D. *see* Kuebart, W. 35624
Kaiser, F. Explanation of biological effects of low-intensity electric, magnetic and electromagnetic fields by nonlinear dynamics 47133
Kaiser, G. Space-time-scale analysis of electromagnetic waves 13335
Kaiser, H. *see* Balewski, K. 46775
Kaiser, J. *see* Collette, T. 22283
Kaiser, J.F. *see* Maragos, P. 12984
Kaiser, K.H. *see* Euteneuer, H. 15286
Kaiser, K.H. *see* Lohmann, D. 46810
Kaiser, M. *see* Arendt, R. 26409
Kaiser, M.J., Morin, T.L. Centers, out-of-roundness measures, and mathematical programming 26325
Kaiser, P. Training for the CBC's new Broadcast Centre 23266
Kaiser, P. *see* Progler, C.J. 27976
Kaiser, R. *see* Barber, D.P. 31578
Kaiser, U., Sandner, H. RISP: A digital signal processor architecture with reduced instruction set tailored to wave digital filters 10213
Kaiser, W.J., Hecht, M.H., Bell, L.D., Grunthaner, F.J., Liu, J.K., Davis, L.C. Ballistic-electron-emission microscopy of electron transport through AlAs/GaAs heterostructures 27521
Kaiser, W.J. *see* Bell, L.D. 1919
Kaiserwerth, M. The Parallel Protocol Engine 45567
Kaisto, I., Kostamovaara, J., Manninen, M., Myllyla, R. Laser radar based measuring systems for large scale assembly applications 46622
Kaisto, I. *see* Karioja, P. 33363
Kaitasov, O. *see* Ruault, M.-O. 34673
Kaito, A. *see* Ide, T. 19186
Kaitsuka, T. Criteria of the possibility of multipath interference cancellation 4144
Kaitsuka, T. *see* Ohtsu, S. 30669
Kaiyan Wan *see* Wan Kaiyan
Kaiyu Cai *see* Wenhua Dou 5534
Kaiyuan Huang *see* La Forge, L.E. 41800
Kaizhou Guo *see* Guo Kaizhou
Kaizong Tang *see* Tang Kaizong
Kaizu, H., Sato, T. Stabilizing control of a dual-excited synchronous generator connected to an infinite-bus system 16807
Kaizu, H. *see* Yokoyama, K. 40137
Kaizuka, T., Shinriki, H., Takeyasu, N., Ohta, T. Conformal chemical vapor deposition TiN(111) film formation as an underlayer of Al for highly reliable interconnects 42762
Kajenski, P.J. *see* Fuhr, P.L. 6527
Kajfez, D., Gundavajhala, A. Measurement of material properties with a tunable resonant cavity 15169
Kajfez, D. *see* Junker, G.P. 36371
Kaji, A. *see* Matsumoto, H. 32634
Kaji, R., Hayata, K., Koshiba, M. Finite-element analysis of planar electron waveguides 11261
Kajifez, D. *see* Junker, G.P. 29335
Kajigaya, K. *see* Tanaka, H. 1237
Kajihara, N. *see* Kanno, T. 31273
Kajihara, S., Kinoshita, K., Shiba, H. Removal of redundancy in combinational circuits under classification of undetectable faults 33958
Kajihara, S. *see* Higami, Y. 18616
Kajihara, S.A. *see* Bernholc, J. 2088
Kajihara, T. *see* Nakahata, H. 28345
Kajimoto, A. *see* Yoshimoto, M. 761
Kajimura, A., Sasaki, H., Otoshi, S., Suzuki, M., Kurusu, C., Sugiura, N., Ippommatsu, M. Preparation of $La(Sr)CrO_{3-\delta}$ thin film interconnector by high deposition rate laser ablation method [solid oxide fuel cell applications] 17349
Kajimura, A. *see* Ippommatsu, M. 17267
Kajino, Y. *see* Sano, M. 20106
Kajioka, H. *see* Tanaka, K. 5854
Kajita, I. *see* Saito, K. 33066
Kajita, J. Developers cultivate progressive improvements for signal relays 10549
Kajita, M., Numai, T., Kurihara, K., Yoshikawa, T., Saito, H., Sugimoto, Y., Sugimoto, M., Kosaka, H., Ogura, I., Kasahara, K. Thermal analysis of laser-emission surface-normal optical devices with vertical cavity 43683
Kajita, N. *see* Ito, H. 42757
Kajita, T., Ei-ichi Kobayashi, Ota, T., Miura, T. Novel negative resists using thermally stable crosslinkers based on phenolic compounds 11057
Kajitani, K. Analysis of disk array management for digital video server 38264
Kajitani, Y. *see* Fujiyoshi, K. 932
Kajiwara, A. *see* Sanada, Y. 5790
Kajiwara, A. *see* Takeuchi, M. 5793
Kajiwara, H. *see* Yamaguchi, R. 17380
Kajiwara, I., Nagamatsu, A. Optimum design of optical pick-up by elimination of resonance peaks 31077
Kajiwara, S., Tanaka, H.T., Kitamura, Y., Ohya, J., Kishino, F. Time-varying homotopy and the animation of facial expressions for 3D virtual space teleconferencing 30546
Kajiwara, Y. *see* Shima, K. 33138
Kajiwara, Y. *see* Shirasaki, T. 24810
Kajiya, A. *see* Yamasaki, Y. 34040
Kajiyama, B.K., van der Burg, R. Control application with the programmable motion controller (PMC) 40104
Kajiyama, T. *see* Ojima, K. 33114
Kajiyama, Y., Tokura, N., Kikuchi, K. An ATM VP-based self-healing ring 37601
Kajola, M.J. *see* Ahonen, A.I. 24214
Kajola, M.J. *see* Ahonen, A.I. 31919
Kajzar, F. *see* Messier, J. 12356
Kak, A. *see* Grewe, L. 22209
Kakalios, J. *see* Fan, J. 28597
Kakalios, J. *see* Fan, J. 34537
Kakalios, J. *see* Fan, J. 42404
Kakarala, R. A group-theoretic approach to the triple correlation 4704
Kakehashi, E. *see* Sugibayashi, T. 26919
Kakehashi, E. *see* Sugibayashi, T. 26954
Kakehashi, H. *see* Fukuhara, M. 9946
Kakehashi, H. *see* Fukuhara, M. 35243
Kakehata, M., Ueno, Y., Tamura, K., Kannari, F. Transient absorption and its influence on energy extraction in a discharge-pumped F_2 laser 35695
Kakeshita, T. *see* Yoshino, K. 34207
Kakibayashi, H. *see* Hiruma, K. 18150
Kakibayashi, H. *see* Okuno, Y. 41371
Kakichashvili, Sh.D. Experimental investigation of a posteriori experiments in polarization holography 36037
Kakigi, S. *see* Shirai, T. 15305
Kakihara, K. *see* Enomoto, A. 15297
Kakimoto, N., Bunpin Lin, Sugihara, H. Expert system for voltage control in restoration of EHV power system after complete blackout 39549
Kakimoto, N., Lin, B. Automatic selection of dispatching command in restoration of EHV power system after complete blackout 16169
Kakimoto, N., Nojiri, K. Dynamic load model of PWM-inverter air-conditioner 9000
Kakimoto, N. *see* Yamamura, K. 19123
Kakimoto, T. *see* Itoh, T. 36575
Kakinoki, H. *see* Kono, N. 18270
Kakinuma, H., Mohri, M., Tsuruoka, T. Preparation of p-type silicon films by plasma decomposition of a $SiH_4/H_2/BF_3$ gas mixture 796
Kakinuma, H., Mohri, M., Tsuruoka, T. Phosphorous doping using electron cyclotron resonance plasma for large-area polycrystalline silicon thin film transistors 42931
Kakio, S., Minakata, M. Measurement of electro-optic constants in proton-exchanged $LiTaO_3$ optical waveguides 20365
Kakishita, K. *see* Kamada, O. 14978
Kakishita, M., Ohtusuka, Y., Hiraguchi, I. Renewal of ATC system for Sanyo Shinkansen 8899
Kakita, Y., Okamoto, H. Fractal dimensional analysis of voice fluctuation: normal and pathological cases 4561
Kakiuchi, H. *see* Mori, Y. 34727
Kakizaki, K. *see* Goto, T. 20629
Kaklamani, D.I., Capsalis, C.N., Uzunoglu, N.K. Radiation from an annular slot antenna symmetrically covered by a dielectric cylinder of finite height 21404
Kako, E., Akai, K., Kneisel, P., Matsuoka, M., Miwa, H., Noguchi, S., Ohara, M., Ono, M., Saito, K., Shishido, T., Suzuki, T. Development of superconducting cavities for high gradient applications 15505
Kako, E. *see* Shishido, T. 15356
Kaku, Y. Interest in memory cards spurs technology, growth in related connectors 34312
Kakuda, Y. *see* Igarashi, H. 30244
Kakudate, S. *see* Tsuji, H. 28422
Kakugawa, H., Fujita, S., Yamashita, M., Ae, T. A study on experimental evaluation of distributed algorithms—case study: distributed k-mutual exclusion algorithms 5531
Kakuichi, O. *see* Kobayashi, M. 7588
Kakumu, M. Trend of low-voltage operation of CMOS devices 20014
Kakuno, K. *see* Hirai, M. 36125
Kakura, Y. *see* Tateiba, M. 12551
Kakusho, K. *see* Dan, S. 22033
Kakusho, O. *see* Yamashita, Y. 21690
Kakuta, A. *see* Nalwa, H.S. 26391
Kakuta, T. *see* Katsurashima, W. 5995
Kal, S., Kasko, I., Ryssel, H. Simple crystal growth of Si-Ge alloy by ion implantation and sequential rapid thermal anneal 34672
Kalacic, M. *see* Jankovic-Ramljak, G. 45717
Kalade, J., Montrimas, E. Investigation of sensitivity in electroradiographic layers 3311

Kalafati, D.D. The use of back-pressure turbines as a potential means of increasing the efficiency of small- and medium-sized heat and power stations 8190
Kalajdov, A.V. *see* Assev, A.A. 15570
Kalam, A. *see* Aggarwal, R.K. 16484
Kalam, A. *see* Shi, J. 24765
Kalam, A. *see* Shi, J. 32258
Kalandarishvili, A.G., Kashiya, V.G. The properties of cylindrical thermionic power converters with a collector based on polycrystalline niobium at high electrode temperatures 48149
Kalanovic, V.D., Popovic, D.B. Tracking method for the control of the above-knee prosthesis 7481
Kalantar-Nayestanaki, N. *see* Zondervan, A. 46867
Kalantery, N., Winter, S.C., Wilson, D.R., Redfern, A.P. Fast parallel simulation of SS7 telecommunication networks 13993
Kalantery, N., Winter, S.C., Wilson, D.R., Redfern, A.P. Exploiting lookahead in parallel simulation of SS7 telecommunication networks 45407
Kalashnikov, O.A. *see* Astvatsatur'yan, E.R. 2619
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P. Self-mode-locking of cw solid-state lasers with a nonlinear birefringent polarisation modulator 43785
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P., Poloiko, I.G., Demchuk, M.I. Self-mode-locking of cw solid-state lasers with a nonlinear antiresonance ring 43805
Kalatzis-Manolakis, E. *see* Zakzewski, C.A. 24325
Kalavsky, M. Three-phase asynchronous squirrel-cage motors supplied with frequency converters of the voltage type 32871
Kalbfeisch, G. *see* Wood, M. 46891
Kalboussi, A., Marrakchi, G., Tabata, A., Guillot, G., Halkias, G., Zekentes, K., Georgakilas, A., Cristou, A. Photo-induced current transient spectroscopy of $Al_{0.48}In_{0.52}As$ semi-insulating layers grown on InP by molecular beam epitaxy 18188
Kalbreier, W., Goddard, B. Radiation-triggered breakdown phenomena in high-energy e^+e^- colliders 6923
Kalbreier, W. *see* Bailey, R. 7041
Kalcher, J. *see* Flotzinger, D. 47098
Kalcher, K. *see* Stangar, U.L. 17389
Kalchev, I. Control and self-diagnosis in μP- based measurement systems 31102
Kale, I. *see* Beliczynski, B. 34170
Kale, P.P. Electronics engineering in space technology 32033
Kalejs, J.P. *see* Bhihe, C.K. 41397
Kalejs, J.P. *see* Sana, P. 25684
Kalelkar, M. *see* Abe, K. 7260
Kalelkar, M. *see* Abe, K. 15619
Kalelkar, M. *see* Abe, K. 46930
Kalender, W.A. *see* Ruegsegger, P. 31874
Kaler, S.G. *see* White, S.R. 7423
Kaliappan, R. *see* Malghan, V.R. 25343
Kalienko, I.V. *see* Khutortsev, V.V. 36695
Kalina, A.I. Recent improvements in Kalina cycles: rationale and methodology 32751
Kalinchik, W.P., Backmann, C. Complex regime control of electroenergy purchasing 47393
Kalinin, A.I. *see* Fanourakis, G.K. 24011
Kalinin, A.L. *see* Gusev, G.S. 42202
Kalinin, A.V., Kozlov, V.N., Pamyushkin, V.V. Experimental investigation of high-frequency surface discharge 19315
Kalinin, B.Yu. *see* Zaitsev, B.D. 14982
Kalinin, N.D., Khachatryan, V.K. The probability of electrical breakdown of the insulating sheath on a communications cable from lightning discharges 14364
Kalinin, V.P. *see* Sherstobitov, V.E. 21056
Kalinin, V.V. *see* Dyachenko, P.P. 20660
Kalinkevich, A.A. *see* Zalogin, N.N. 14674
Kalinkin, S.I., Kudryashev, V.E., Khomenko, E.V. The choice of the parameters of a multichannel radiometry system for detecting small-scale nonuniformities 24484
Kalinovsky, V.V., Kirillov, G.A., Konovalov, V.V., Nikolaev, V.D. High-power oxygen-iodine laser 35661
Kalinowski, T. *see* Tudruj, M. 37491
Kalisch, G., Beckert, K., Franzke, B., Hofmann, I., Schaaf, U. Longitudinal space charge effects in cooled bunched beams 7047
Kalisch, G. *see* Hofmann, I. 7048
Kalisch, G. *see* Schaaf, U. 15359
Kalish, R. *see* Miller, B. 42658
Kaliski, B. A survey of encryption standards 44671
Kalisz, J., Pelka, R., Poniecki, A. Precision time counter for laser ranging to satellites 46645
Kalisz, T. *see* Akeson, J.K. 45709
Kalita, V.V. *see* Barinov, V.A. 16127
Kalita, V.V. *see* Barinov, V.A. 39535
Kaliyugavaradan, S., Sankaran, P., Murti, V.G.K. A new compensation scheme for thermistors and its implementation for response linearization over a wide temperature range 23512
Kaljuzhny, V.E. *see* Sobenin, N.P. 7079
Kaljuzhny, V.E. *see* Sobenin, N.P. 15323
Kaljuzhny, V.S. *see* Sobenin, N.P. 15489
Kalkan, A.K., Talmage, G. Heat transfer in liquid metals with electric currents and magnetic fields: the conduction case 32877
Kalkani, E.C. Power generation increase for a small run-of-river powerplant in Greece 16715
Kalkanis, G. *see* Adam, W. 46929
Kalker, A.A.C. *see* Shah, I.A. 10329
Kalker, A.A.C.M. *see* Tolhuizen, L.M.G.M. 45009
Kalker, M. Practical experience with maintenance free lead acid batteries in electric vehicles 48253
Kalker, M. Practical experience with maintenance free lead batteries in electric vehicles 48412
Kalkhoran, N. *see* Namavar, F. 20558
Kalkhoran, N.M. Fabrication process of porous silicon-based optoelectronic devices 10800
Kalkhoran, N.M. Porous silicon-based optoelectronic devices: processing and characterization 11907
Kalkhoran, N.M., Maruska, H.P., Namavar, F. Cobalt disilicide intercell ohmic contacts for multijunction photovoltaic energy converters 43642
Kalkhoran, N.M., Namavar, F., Maruska, H.P. np heterojunction porous silicon light-emitting diode 3360
Kalkhoran, N.M., Namavar, F., Maruska, H.P. Optoelectronic applications of porous polycrystalline silicon 20516
Kalkhoran, N.M. *see* Maruska, H.P. 11878
Kalkhoran, N.M. *see* Namavar, F. 10883
Kalkhoran, N.M. *see* Namavar, F. 34675
Kalkner, W. *see* Bach, R. 7952
Kalkner, W. *see* Bach, R. 7953
Kalkstein, E.W. *see* Ranjan, R. 39673
Kalkuhl, C. Pulse/data channel extends programmable pulse generator applications 23762
Kalla, H. *see* Dolz, H. 27341
Kallberg, A. *see* Abrahamsson, K. 15584
Kallenbach, E. *see* Wendorff, E. 40531
Kallenberg, W.C.M. *see* Albers, W. 26230
Kalli, K., Jackson, D.A. Tunable fiber frequency shifter utilizing an all-fiber ring resonator 3033
Kalli, S. *see* Salonen, J. 30157
Kalliojarvi, K., Kontro, J., Neuvo, Y. Floating-point sigma-delta D/A-converter 10245
Kallman, J.S. *see* Deri, R.J. 43502
Kallman, J.S. *see* Hawkins, R.J. 43496
Kallman, P. *see* Svensson, R. 24343
Kallman, R. ESD: the bottom line 26158
Kallman, R.R. Invariant phase-only filters for TABILS24 millimeter wavelength radar data 23145
Kallman, R.R. Construction of a general spatial filter as a constrained optimization question 30109
Kallman, R.R. *see* Goldstein, D.H. 30110
Kallne, J., Gorini, G. Count rate performance of spectrometers for fusion neutrons 7289
Kallweit, R. *see* Garthe, D. 39424
Kalman, H., Berman, E. Thermal analysis and structural modifications in an electrical card-to-cold plate wedge clamp 33372
Kalman, R.E. *see* Toraichi, K. 15701
Kalman, R.F., Fan, J.C., Kazovsky, L.G. Dynamic range improvement using a novel phase-modulated analog optical link 30703
Kalman, S., Krsanac, D. MD110/10—a small module from switching system MD110 family 37671
Kalmykov, A.I., Sytnik, O.V., Tsymbal, V.N. Analysis of capabilities of multipurpose radar systems for remote probing of the Earth from space 6124
Kalmykov, A.I., Velichko, S.A., Tsymbal, V.N., Kuleshov, Yu.A., Weinman, J.A., Jurkevich, I. Observations of the marine environment from spaceborne side-looking real aperture radars 16010
Kal'nin, A.A., Totev, B.M. Learning networks based on accumulative (capacitive) elements 27103
Kal'nin, A.A. *see* Drachev, A.E. 28394
Kalnitsky, A., Li, J., Chen, C.E.D. Experimental characterization of the diode-type poly-silicon loads for CMOS SRAM 26961
Kalnitsky, S. *see* Varchenya, V. 24172
Kalokitis, D. *see* Fathy, A. 1482
Kalokitis, D. *see* Harshavardhan, K.S. 20170
Kalokitis, D. *see* Harshavardhan, K.S. 43340
Kalomiris, V.E. *see* Michaels, P.A. 6019
Kalosha, V.P. *see* Kalashnikov, V.L. 43785
Kalosha, V.P. *see* Kalashnikov, V.L. 43805
Kalouptsidis, N. *see* Glentis, G.-O. 13175
Kalouptsidis, N. *see* Glentis, G.O. 21762
Kaloyeros, A. *see* Nucci, J. 33720
Kaloyeros, A.E., Fury, M.A. Chemical vapor deposition of copper for multilevel metallization 19638
Kaloyeros, A.E. *see* Ding, P.J. 34841
Kaloyeros, A.E. *see* Faltermeier, J. 831
Kaloyeros, A.E. *see* Murarka, S.P. 10996
Kaloyiannis, A.C. *see* Yentekakis, I.V. 17320
Kalpakam, S. On the quasi-stationary distribution of the residual lifetime 41021
Kalpakjian, K. *see* Hutchinson, J. 27806
Kalpana, Y. *see* Rafeeq Ahmed, P. 44765
Kalpaxis, L.L., Wang, L.M., Galland, P., Liang, X., Ho, P.P., Alfano, R.R. Three-dimensional temporal image reconstruction of an object hidden in highly scattering media by time-gated optical tomography 4813
Kalpogiannis, S. *see* Tzelepis, V. 44077
Kalra, M.S. *see* Munshi, P. 33795
Kalra, P.K., Srivastava, S.C., Joshi, S.K., Kumar, N., Wagneo, R. Artificial neural network based load flow models 24811
Kalra, P.K. *see* Chaudhary, S.D. 32357
Kalra, P.K. *see* Singh, S.N. 32198
Kalra, P.K. *see* Srivastava, K.N. 24670
Kaltchev, D.I., Perelstein, E.A. Gain calculations for the synchrotron radiation free electron maser 3407
Kaltenbacher, E. *see* Harding, K. 6563
Kalter, H.L. *see* Stapper, C.H. 41903
Kaltschmitt, M., Wiese, A. Technical and commercial aspects of re-usable non-fossil electricity generation 39707
Kaltschmitt, M. *see* Fischedick, M. 47810
Kaluszynski, R. New power feeding equipment for optical fiber submarine cables 14651
Kalvalya, C. *see* Arthi, N. 24268
Kalyanaraman, V. *see* Padiyar, K.R. 47353
Kal'yanov, E.V. Effect of single pulse on self-excited oscillator for deterministic and chaotic oscillation conditions 10000
Kalyansundaram, P., Amer, P.D. Protocol test case visualization 30233
Kalyazin, A.L. *see* Brykin, M.V. 25735
Kalymnios, D. *see* Ioannides, N. 6518
Kalyon, D.M. *see* Gokturk, H.S. 43288
Kalz, D. *see* Wagner, A. 25911
Kalz, O. *see* Schroeder, D. 42829
Kalzhanov, M.U. *see* Pshenichnyi, B.N. 9430
Kam, I. *see* Youzhu Zhang 34522
Kam, M. *see* Chow, J.-C. 24691
Kam, M. *see* Naim, A. 44953
Kam, P.M.A.van der *see* van der Kam, P.M.A.
Kam, P.Y., Tay, S.Y. Coherent detection of MPSK via efficient block estimation 36477
Kam, P.Y., Teong, L.C., See, C.C. Differential detection of DPSK with frequency offset compensation 29419
Kam, S.H. *see* Mital, D.P. 8464
Kam-Wing Chai, Simmons, J.G. Quantum hydrodynamic equation for nanostructures with spatially varying effective mass 2398
Kamada, A. *see* Shishido, A. 23827
Kamada, H., Shiohara, M., Hao, Y. Simultaneous recovering motion and shape of 3D moving objects 13589
Kamada, M., Toraichi, K., Nakamura, N. A function generator based on quadratic B-spline functions 1106
Kamada, M. *see* Toraichi, K. 13296
Kamada, N. Reflow soldering method for surface mounted devices works with ceramic capacitor 34356
Kamada, O., Kakishita, K. Electro-optical effect of $Bi_4Ge_3O_{12}$ crystals for optical voltage sensors 14978
Kamada, T. *see* Kanno, I. 43177
Kamae, T. *see* Tsukada, K. 24090
Kamakura, M. *see* Takagi, Y. 45696
Kamakura, T. *see* Aoki, K. 14848
Kamakura, Y., Mizuno, H., Yamaji, M., Morifuji, M., Taniguchi, K., Hamaguchi, C., Kunikiyo, T., Takenaka, M. Impact ionization model for full band Monte Carlo simulation 42398
Kamal, A.E. Analysis of the semisynchronous carrier sense multiple access on the bus topology 22324
Kamal, A.E., Abeysundara, B.W. Hybrid medium access protocols for high-speed, dual-bus fiber-optic local area networks 30428
Kamal Abu Hena Mostafa *see* Nanjo, J. 19477
Kamalanathan, C. *see* Burman, S. 26855
Kamali, B. Development of an undergraduate structured laboratory to support classical and new base technology experiments in communications 33282
Kamalkhodzhaev, M.A. *see* Alavutdinov, J.N. 33142
Kamalov, A.N. *see* Mirsagatov, Sh.A. 33037
Kamalov, V.F. *see* Ivanov, A.A. 28772
Kaman, G.M. Broadband-ISDN: personal connections to global resources 5597
Kamanaka, Y. *see* Hayamizu, K. 32906
Kamangar, F.A. *see* Allen, R.L. 13669
Kamangar, F.A. *see* Allen, R.L. 44978
Kamanin, A.V. *see* Ber, B.Ya. 42635
Kamanina, N.V. *see* Ivanova, N.L. 11694
Kamardin, Yu.B. *see* Sanchugova, N.S. 12451
Kamardin, Yu.B. *see* Voskovtsova, L.M. 12452
Kamarinos, G. *see* Brini, J. 28153
Kamas, L.A., Sanders, S.R. Parameter and state estimation in power electronic circuits 33887
Kamasaki, S., Soh, H., Misaki, Y. Surface analysis of $LaNi_{5-x}Al_x$ alloy hydrides as negative electrodes in alkaline batteries 48077
Kamase, Y., Shimizu, M., Nagahama, T., Mizuno, A. Erosion of spark gap of square-wave high-voltage source for ozone generation 4009
Kamat, S., Zhao, W. Real-time schedulability of two token ring protocols 45580
Kamat, Y.V., Lagoo, K.D. In-process monitoring of resistance spot welding 31382
Kamata, A., Mitsuhashi, H., Fujita, H. Origin of the low doping efficiency of nitrogen acceptors in

ZnSe grown by metalorganic chemical vapor deposition 19500
Kamata, H. *see* Sasaki, S. 22488
Kamata, K. Computer interface for the people with disabilities 47129
Kamata, S. *see* Perez, A.P. 13718
Kamata, T. *see* Takayama, R. 6598
Kamata, Y. *see* Kashiwagi, Y. 15157
Kamata, Y. *see* Kashiwagi, Y. 39683
Kamatani, M. *see* Mashiko, T. 9964
Kamatani, M. *see* Mashiko, T. 17035
Kamatani, O., Hotate, K. Optical coherence domain reflectometry by synthesis of coherence function with nonlinearity compensation in frequency modulation of a laser diode 46652
Kamatani, O. *see* Hotate, K. 46650
Kamatani, Y. *see* Narahara, T. 20285
Kamatani, Y. *see* Shimizu, S. 26907
Kamath, M.V., Upton, A.R.M., Talalla, A., Fallen, E.L. Effects of vagal electrical stimulation on the heart rate power spectra in humans 39099
Kamath, R.R., Mansour-Cole, D.M., Apana, R. Functional perspectives on innovation: The correlates of innovation in the marketing and manufacturing functions 170
Kamath, S. *see* Dehaven, P. 34827
Kamath, V.N. *see* Prabhu, G.S. 17149
Kamayeva, M.Ye., Sindler, Yu.B. Comparative analysis of sequential and parallel methods of monitoring interference in a wideband signal search in delay space 12626
Kamayeva, M.Ye., Sindler, Yu.B. Statistical modeling of optimum search procedure for wideband signals with a pseudorandom operating frequency tuning [frequency hopping (FH)] 44808
Kamb, B. *see* Goldstein, R.M. 16012
Kambara, H. *see* Bates, S. 24057
Kambayashi, N. *see* Muto, C. 18849
Kambayashi, N. *see* Ochi, H. 1321
Kambayashi, S. *see* Okada, T.K. 18237
Kambayashi, T. *see* Shimada, K. 37980
Kambe, S. *see* Okuyama, K. 2871
Kambe, T. *see* Shigehiro, Y. 34014
Kamber, M. *see* Ma, Y. 15775
Kambi, S.J., Follett, R.F. Error analysis of filters implemented with floating point arithmetic 42064
Kamdar, K. *see* de Vries, M.J. 3069
Kamdar, K.D. *see* Sudarshanam, V.S. 6543
Kameda, H. *see* Li, J. 14102
Kameda, K. *see* Oshida, K. 19311
Kameda, K. *see* Oshima, T. 22955
Kameda, T. *see* Pilarski, S. 1136
Kameda, T. *see* Pilarski, S. 41779
Kameda, Y. *see* Ikeuchi, T. 45641
Kamei, H., Sakamoto, N., Iida, Y., Shibaike, K. Development of the inprocess monitoring system for tool of lathe machine 46311
Kamei, T., Ishihara, F. A method of design of a tapered waveguide type delay equalizer with quadratic and cubic delay distortions on a negative inclination 28485
Kamei, T. *see* Hirata, M. 40644
Kamejima, K., Dennert, R., Watanabe, Y.C. Open logic machine: an interactive perception architecture for unstructured scene analysis 4957
Kamel, A., Dauphin-Tanguy, D. Bond graph modeling of power waves in the scattering formalism 18424
Kamel, H. *see* Lesani, H. 16287
Kamel, R. *see* Bar-Ness, Y. 37091
Kamel, R.E., Bar-Ness, Y. Reduced-state sequence estimation of digital sequences in dispersive channels using state partitioning 29403
Kamel, T., Ganguly, G., Hata, N., Matsuda, A. Defect determination kinetics during the growth of a-Si:H 33707
Kamen, E.W., Sastry, C.R., Sword, C.K. The SME filter approach to sensor fusion in multiple target tracking 29635
Kamen, E.W. *see* Lee, Y.J. 29642
Kamenetzky, E.A., Magliocco, L.G., Panzer, H.P. Structure of solidified colloidal array laser filters studied by cryogenic transmission electron microscopy 28579
Kamenev, A.V. *see* Ignat'ev, A.S. 2425
Kamenev, N.N., Nalivaiko, V.I. Diffractive demultiplexers for three-dimensional integrated optical circuits 28491
Kamenova, M. *see* Beshkov, G. 33671
Kamentser, B. Screen print sensors can take the heat 31177
Kameoka, N., Kita, H., Tanaka, E., Nishiya, K., Hasegawa, J. Preventive control based on complex-valued load-flow technique for avoiding the voltage instability in power systems 39547
Kamerbeeek, E.M.H. *see* Goemans, P.A.F.M. 8325
Kamerman, A. Spectrum need and medium reuse efficiency 37896
Kameshima, T. *see* Geshiro, M. 20356
Kameshwar, E.V. *see* Khannur, A.M. 21678
Kametani, H., Akiyama, H., Yamaguchi, Y., Koumaru, M., Wei, L., Tabuki, Y., Tanigawa, S., Uedono, A., Watauchi, S., Ujihira, Y., Suzuki, R., Ohgaki, H., Mikado, T. Evaluation of vacancy-type defects in SIMOX substrates by a slow positron beam and a pulsed positron beam 10764
Kametani, H. *see* Uedono, A. 19471
Kameyama, H. *see* Seki, H. 35938
Kameyama, K., Iwata, M., Sakai, T., Jhang, K.-Y., Sato, T. Acousto-optical third order correlator 3246
Kameyama, K., Ohtomi, K., Fukui, Y. Interactive volume scanning 3D display with an optical relay system and multidimensional input devices 23815
Kameyama, K. *see* Kiuchi, H. 46117
Kameyama, K. *see* Sato, T. 7379
Kameyama, M. *see* Hanyu, T. 33995
Kameyama, M. *see* Hariyama, M. 33139
Kameyama, M. *see* Kaqahito, S. 10105
Kameyama, M. *see* Kawahito, S. 35042
Kameyama, M. *see* Kim, B. 1250
Kameyama, S., Ohara, H., Endo, C., Takayama, N. Interconnect and delay testing with a 4800-pin board tester 1722
Kamh, S.A. *see* Soliman, F.A.S. 28078
Kami, Y. Basic concepts for electromagnetic interference 44377
Kamienski, E.G.S.von *see* von Kamienski, E.G.S.
Kamienski, E.S.von *see* von Kamienski, E.S.
Kamifurutono, H. *see* Senjyu, T. 25460
Kamifurutono, H. *see* Uezato, K. 47971
Kamigaki, Y. *see* Minami, S.-i. 18719
Kamijoh, T. *see* Katoh, Y. 20769
Kamijoh, T. *see* Sin, Y.K. 20798
Kamijoh, T. *see* Takamori, T. 12201
Kamikatano, N., Sawano, H., Miyamoto, M., Sato, N. Fiber strain measurement in optical cables employing Brillouin gain analysis 11597
Kamikawai, R. *see* Suda, R. 26895
Kamikawaji, T., Shiori, T., Funahashi, T., Satoh, Y., Kaneko, E., Ohshima, I. An investigation into major factors in shunt capacitor switching performances by vacuum circuit breakers with copper-chromium contacts 32956
Kamikawaji, T. *see* Shioiri, T. 11332
Kamikura, K., Watanabe, H. Global motion compensation method in video coding 29979
Kamimoto, D.K. *see* deVirgilio, M.A. 39291
Kamimoto, M. *see* Kanari, K. 25658
Kamimura, H., Yoshioka, S., Akiyama, M., Nakamura, M., Tamura, T., Kuboyama, S. Development of MOS transistors for radiation-hardened large scale integrated circuits and analysis of radiation-induced degradation 35078
Kamimura, K. *see* Homma, T. 46347
Kamimura, K. *see* Nagura, Y. 11123
Kamimura, T., Okura, H., Kumagai, A. ICs for digital image transmission 38311
Kamimura, T. *see* Hiramatsu, T. 18246
Kamimura, T. *see* Tanaka, N. 29796
Kaminaga, A. *see* Sotomura, T. 48061
Kaminaka, K., Morishita, H., Kiyama, M., Yokogawa, M. With control in GaAs using substrate parameters 2684
Kaminaka, N. *see* Omata, Y. 11486
Kaminouchi, S. *see* Okano, K. 21182
Kaminow, I.P. *see* Alexander, S.B. 6055
Kamins, T.I. Pattern sensitivity of selective $Si_{1-x}Ge_x$ chemical vapor deposition: pressure dependence 9756
Kamins, T.I. *see* Tsutsu, H. 19601
Kaminska, A.M. Ellipsometric estimation of defects density in near-surface layer of semiconductor plates 42693
Kaminska, B. *see* Ayari, B. 34004
Kaminska, B. *see* Ben Hamida, N. 43071
Kaminska, B. *see* Hamida, N.B. 9234
Kaminska, B. *see* Jamoussi, M. 34024
Kaminska, B. *see* Jamoussi, M. 41732
Kaminska, B. *see* Naim Ben Hamida 9232
Kaminska, B. *see* Rayapati, V.N. 10167
Kaminska, B. *see* Rayapati, V.N. 10183
Kaminska, B. *see* Rayapatii, V.N. 18723
Kaminska, E., Piotrowska, A., Mizera, E., Zarecka, R., Adamczewska, J., Dynowska, E. Behavior of zinc during formation of Au(Zn) ohmic contacts to p-type GaAs 27781
Kaminska, E., Piotrowska, A., Piotrowski, T.T., Barcz, A., Guziewicz, M., Adamczewska, J., Kwiatkowski, S. Shallow ohmic contact system to *n*-GaAs 10976
Kaminska, E. *see* Lin, X.W. 27785
Kaminska, E. *see* Piotrowska, A. 27779
Kaminska, E. *see* Piotrowska, A. 34846
Kaminskas, A.I. *see* Borisov, Y.A. 18355
Kaminski, A. *see* Halas, S. 23552
Kaminski, J.P. *see* Keay, B.J. 42529
Kaminski, J.P. *see* Scott, J.S. 42854
Kaminski, J.P. *see* Scott, J.S. 42860
Kaminskii, A.A., Bagaev, S.N., Butashin, A.V., Grebe, D., Eichler, G.I., Macdonald, R., Mill, B.V., Fedorov, E.A. High efficiency, single-mode, laser-diode-pumped CW lasers based on nonlinear neodymium-containing crystals with ordered and disordered structures and a highly concentrated $Nd:Y_3Al_5O_{12}$ garnet 28785
Kaminskii, A.A., Bagaev, S.N., Butashin, A.V., Verdun, H.R., Koshner, V., Mill, B.V. New materials based on $LaBGeO_5$-Nd^{3+} for solid state lasers with laser diode pumping 3498
Kaminskii, A.A., Boulon, G., Buoncristiani, M., Di Bartolo, B., Kornienko, A., Mironov, V. Spectroscopy of a new laser garnet $Lu_3Sc_2Ga_3O_{12}$:Nd^{3+}: intensity luminescence characteristics, stimulated emission, and full set of squared reduced-matrix elements $|\langle\|U^{(1)}\|\rangle|^2$ for Nd^{3+} ions 43761
Kaminskii, A.A., Ueda, K., Uehara, N., Verdun, H.R. Room-temperature diode-laser-pumped efficient CW and quasi-CW single-mode lasers based on Nd^{3+}-doped cubic disordered α-$NaCaYF_6$ and tetragonal ordered $LiLuF_4$ crystals 12069
Kaminskii, A.A., Verdun, H.R., Khaidukov, N.M. New continuous-wave crystal lasers with semiconductor laser pumping based on anisotropic fluorides with Nd^{3+} ions, grown by the hydrothermal method 3497
Kaminskii, A.A., Zhavoronkov, N.I., Mikhailov, V.P. A high-power praseodymium laser based on a rhombic crystal of $YAlO_3$-Pr^{3+} 12040
Kaminskii, N.I. *see* Aksinenko, V.D. 7265
Kaminskii, V.L. *see* Artemenko, S.N. 40307
Kaminsky, A.A., Kaminsky, A.K., Sarantsev, V.P., Sedykh, S.N., Sergeev, A.P., Silivra, A.A. Investigation of a microwave FEL with a reversed guide field 43695
Kaminsky, A.K. *see* Kaminsky, A.A. 43695
Kaminuma, T. *see* Minamikawa-Tachino, R. 13644
Kamio, Y. Performance of a soft decision decoding method for RS codes in digital land mobile communications 22801
Kamio, Y., Sammpei, S. Characteristics of trellis-coded 16 QAM/TDMA system in multipath fading environments 45763
Kamio, Y., Sampei, S., Sasaoka, H. Performance of complexity reduced DFE with improved bidirectional equalization and inverse interpolation 37879
Kamio, Y. *see* Du, J. 12838
Kamio, Y. *see* Sampei, S. 14481
Kamisada, Y. *see* Kumano, T. 2868
Kamise, C. *see* Seki, Y. 6220
Kamitani, K. *see* Mizusaki, J. 17364
Kamitani, T. *see* Enomoto, A. 15297
Kamitani, Y., Takagi, Y., Arai, K., Nakamura, M. Highly reliable power-module packaging technology 33869
Kamite, K. *see* Yonetani, H. 35840
Kamitsuna, H., Ogawa, H. Ultra-wideband MMIC active power splitters with arbitrary phase relationships 19128
Kamitsuna, H. *see* Ogawa, H. 5910
Kamiura, N., Hata, Y., Yamato, K. Design and fault diagnosis of cellular arrays realizing multiple-valued logic functions 26846
Kamiya, I., Tanaka, H., Aspnes, D.E., Koza, M., Bhat, R. Structure of (001) GaAs surfaces during epitaxial growth by organometallic chemical vapor deposition 9608
Kamiya, K., Yokoyama, T., Karasawa, K., Takayanagi, K. Development of optical transmission equipment for CATV system employing demand access method 23331
Kamiya, M. *see* Saitoh, Y. 7254
Kamiya, M. *see* Saitoh, Y. 46854
Kamiya, M. *see* Tanaka, Y. 15210
Kamiya, N., Andoh, E. A note on multiple reciprocity boundary element method: neglect of domain term 26379
Kamiya, N., Andoh, E., Nogae, K. Eigenvalue analysis by the boundary element method: new developments 41160
Kamiya, N., Wu, S.T. Generalized eigenvalue formulation of the Helmholtz equation by the Trefftz method 41196
Kamiya, N. *see* Ota, K. 40454
Kamiya, N. *see* Ota, K. 48106
Kamiya, T. Potential of nonlinear optical waveguides 28971
Kamiya, T. *see* Kim, J.H. 41436
Kamiya, T. *see* Kodate, K. 11882
Kamiya, T. *see* Nashiyama, I. 34902
Kamiya, T. *see* Ong, J.T. 12156
Kamiya, T. *see* Yamamura, S.'i. 34572
Kamiya, Y. *see* Katsura, T. 6937
Kamiya, Y. *see* Kobayashi, Y. 15291
Kamiya, Y. *see* Saka, T. 23991
Kamiyama, K. The recent trend of SMES 40501
Kamiyama, S. *see* Ban, Y. 3678
Kamiyama, S. *see* Ishitani, A. 18727
Kamizato, T. *see* Arimoto, S. 12177
Kamler, F., Schneider, W. Steam generator water lancing [CANDU reactors] 16610
Kamm, K.F. The quality of digital X-ray images 47078
Kammayer, K.D. *see* Jelonnek, B. 21764
Kammel, G. *see* Goehlich, L. 24950
Kammerath, H. *see* Ehrlich, I. 32336
Kammeyer, K.D., Tuisel, U. Multicarrier concept for digital mobile radio transmission 14519
Kammeyer, K.D. *see* Jelonnek, B. 4702
Kammeyer, K.D. *see* Jelonnek, B. 44951
Kammlott, G.W. *see* Krause, J.T. 35414
Kammuller, R. *see* Gerdes, R. 6599
Kamo, Y., Shimada, Y. Soft magnetic properties of Co-Nb-Ta-Zr amorphous films deposited on polyimide films 20129
Kamohara, S., Kobayashi, T., Sugaya, M., Yamamoto, S. New models for the simulation of polysilicon impurity diffusion sources for a wide range of process conditions 10860

Kamon, M., Tsuk, M.J., Smithhisler, C., White, J. Efficient techniques for inductance extraction of complex 3-D geometries 26612
Kamoshida, J. *see* Takashima, T. 48112
Kamoshita, N. *see* Saito, C. 33112
Kamoua, R. *see* Eisele, H. 10463
Kamoun, F. *see* Ali, M.K.M. 45552
Kamoun, N., Belgacem, S., Amlouk, M., Bennaceur, R., Abdelmoula, K., Belhadj Amara, A. Structural and morphological characterizations of the thin $CuInS_2$ and In-S layers "airless spray" 33684
Kamoun, S. *see* Malhame, R.P. 7778
Kamp, M. *see* Konig, F. 9515
Kamp, M. *see* Morsch, G. 43015
Kampa, H. *see* Hummel, R. 426
Kampa, H. *see* Hummel, R. 428
Kampas, F. *see* Jianping Xi 33058
Kampen, H.van *see* van Kampen, H.
Kamper, K.W. *see* Garrison, R.F. 23922
Kamper, M.J. *see* Mackay, A.T. 40150
Kamper, M.J. *see* Nel, J.S. 40566
Kamperschroer, J.H., Grisham, L.R., Newman, R.A., O'Connor, T.E., Stevenson, T.N., von Halle, A., Williams, M.D., Wright, K.E. Low Z impurity ion extraction from Tokamak fusion test reactor ion sources 7128
Kampmann, S., Leipertz, A., Dobbeling, K., Haumann, J., Sattelmayer, T. Two-dimensional temperature measurements in a technical combustor with laser Rayleigh scattering 15230
Kamra, K., Birla, N., Singh, K. Erasure rate in photorefractive $KNbO_3$ induced by laser pulses 11574
Kamruzzaman, J., Kumagai, Y., Hikita, H. Generalization ability of extended cascaded artificial neural network architecture 18928
Kamshilin, A.A., Ravattinen, R., Tuovinen, H., Jaaskelainen, T., Prokofiev, V.V. Double phase conjugation in $Bi_{12}TiO_{20}$ photorefractive fiber-like crystal 12375
Kamshilin, A.A. *see* Miridonov, S.V. 44170
Kamura, M. *see* Matsuhara, M. 4185
Kamwa, I., Grondin, R., Dickinson, E.J., Fortin, S. A minimal realization approach to reduced-order modelling and modal analysis for power system response signals 24607
Kamwa, I., Viarouge, P., Le-Huy, H., Dickinson, E.J. Three-transfer-function approach for building phenomenological models of synchronous machines 40132
Kamwa, I. *see* Grondin, R. 24697
Kamynin, S.M. *see* Zubarev, V.P. 36124
Kamyshin, V.V. *see* Larkin, S.Y. 15185
Kamyshkov, Y. *see* Young, K.G. 7242
Kamzin, A.S., Irkaev, S.M., Mal'tsev, Yu.N., Grigor'ev, L.A. Automatic Mossbauer spectrometer to detect γ-quanta, conversion electrons, and characteristic X-rays 7298
Kan, D., Yip, G.L. Characterization of proton-exchange planar waveguides on *z*-cut lithium tantalate 3094
Kan, H. *see* Suzuki, I. 726
Kan, H. *see* Suzuki, I. 34588
Kan, H. *see* Yamada, T. 1849
Kan, K. *see* Fukuda, I. 40281
Kan, K. *see* Fukuda, M. 47688
Kan, M. *see* Kojima, S. 24994
Kan, M. *see* Ueda, T. 40382
Kan, T. *see* Ajiro, M. 22163
Kan, T. *see* Nishiike, U. 43255
Kan, T. *see* Sato, K. 43256
Kan, Y. *see* Sugawara, A. 1394
Kan Jianfei, Zhao Jiaqing Study of dual network communication software 32251
Kan Lin *see* Tu Demin 11343
Kan Siew *see* Siew Kan
Kan-no, I. *see* Nakamura, K. 46244
Kanabara, M. *see* Koyanagi, M. 10190
Kanabe, T. *see* Nakatsuka, M. 35728
Kanabe, T. *see* Tsubakimoto, K. 35953
Kanaboshi, A. *see* Eda, K. 2712
Kanack, B. *see* Goldsmith, C.L. 5911
Kanack, B. *see* Goldsmith, C.L. 5989
Kanada, H. Construction of a distributed computer network containing ring connections 14112
Kanada, H. Complexity of analysing data in a distributed instrumentation network 44900
Kanaev, I.F., Malinovsky, V.K. Mechanisms of photoinduced polarized-anisotropic scattering in $LiNbO_3$ 29062
Kanaev, I.F., Malinovsky, V.K., Surovtsev, K. Uniformity of hologram recording and weak beam amplification in $LiNbO_3$ for illumination by beams with orthogonal and parallel polarization 36058
Kanagawa, A. *see* Ohuchi, S. 26261
Kanagawa, H. *see* Osaka, T. 28316
Kanagawa, T. *see* Kotani, M. 32141
Kanai, A. *see* Yamakawa, M. 14827
Kanai, H., Satoh, H., Hirose, K., Chubachi, N. A new method for measuring small local vibrations in the heart using ultrasound 31890
Kanai, H. *see* Imai, M. 6863
Kanai, H. *see* Tanimoto, M. 34088
Kanai, H. *see* Yamashita, Y. 11367
Kanai, N. Application of reverse voltage to chip solid tantalum capacitors and their reliabilities 19168
Kanai, T. *see* Furuya, S. 16717
Kanai, T. *see* Kanazawa, M. 6908
Kanai, T. *see* Namiki, J. 14654
Kanai, T. *see* Shibutani, M. 5772
Kanajev, E.I. *see* Kopnov, V.A. 26139
Kanakia, H. A switch-memory chip for packet switching at gigabits per second 41895
Kanakia, H., Mishra, P.P., Reibman, A. An adaptive congestion control scheme for real-time packet video transport 30165
Kanamaluru, S., Ming-yi Li, Chang, K. Coplanar waveguide low-pass filter using open circuit stubs 1419
Kanamori, H. *see* Kubota, H. 7346
Kanamori, H. *see* Kubota, H. 7505
Kanamori, H. *see* Nakamori, N. 7296
Kanamori, H. *see* Nishimura, Y. 14343
Kanamori, H. *see* Onishi, M. 28459
Kanamori, H. *see* Onishi, M. 38008
Kanamori, H. *see* Shigematsu, M. 30754
Kanamori, J. *see* Ikegami, N. 27692
Kanamori, J. *see* Miyakawa, Y. 10960
Kanamori, K. *see* Kotera, H. 4944
Kanamori, M. *see* Matsumura, T. 1508
Kanamori, N. *see* Tsuji, H. 28422
Kanamori, T. *see* Asobe, M. 12350
Kanamori, T. *see* Asobe, M. 35351
Kanamori, T. *see* Kasuya, Y. 17857
Kanamori, T. *see* Nishida, Y. 28798
Kanamori, T. *see* Ohishi, Y. 43798
Kanamori, T. *see* Shimizu, M. 28788
Kanamori, T. *see* Yamada, M. 12065
Kanamori, T. *see* Yamada, M. 12075
Kanamori, T. *see* Yamada, M. 35757
Kanamoto, H. *see* Saito, Y. 27002
Kanamoto, T. *see* Takeuchi, Y. 19312
Kanamura, K., Tamura, H., Shiraishi, S., Takehara, Z.-I. XPS analysis for the lithium surface immersed in tetrahydrofuran containing various salts 48063
Kan'an, A.M., Puri, A. The generalized transmission matrix for electron-wave-optics through biased heterostructures: quantum device applications 19403
Kanangara, C., Truyen, N.N. Forward error control in an ATM network 37575
Kanaoka, M., Murai, T. Laser cutting characteristics and processing technology for thick steel plate 25975
Kanaoka, M., Murai, T., Kitani, M. Laser cutting characteristics and processing techniques for thick steel plate 25965
Kanaoka, M. *see* Ohata, K. 39602
Kanaoka, T. *see* Hamamoto, Y. 22057
Kanaoka, T. *see* Hamamoto, Y. 37007
Kanari, K., Nozaki, K., Kamimoto, M., Hashimoto, T., Fujii, T. Charge and discharge simulation of zinc/bromine batteries for various battery configurations 25658
Kanarik, G.G., Tret'yakova, S.S., Chernyakov, E.I. Metallised fibre-optic structures 28449
Kanaris, C. *see* Atwater, T. 17182
Kanata, Y. *see* Ueda, H. 26215
Kanatsugu, Y., Okui, M. Color reproduction in television. I. Transmission system 30960
Kanatsugu, Y. *see* Naemura, M. 6255
Kanavets, V.I. *see* Aleksandrov, A.F. 42373
Kanavets, V.I. *see* Bugaev, S.P. 27413
Kanawati, B. *see* Marsala, A. 41958
Kanaya, N., Hama, H., Yamazaki, J.-i., Matsudo, O., Isoyama, G. Control system capable of gracefully degraded operation for the 750 MeV synchrotron radiation source 15318
Kanaya, T. *see* Saito, Y. 21152
Kanaya, T. *see* Yaosaka, M. 34085
Kanayama, H. *see* Isono, H. 46214
Kanayama, K., Ando, Y., Nagase, R., Iwano, S. Evaluation method and performance of advanced low-reflection optical connectors 2956
Kanayama, T., Tanoue, H. Mechanism of dose-rate dependence of electrical activation in ion-implanted GaAs 10865
Kanayama, T. *see* Inoue, T. 27983
Kanayama, T. *see* Tada, T. 27900
Kanayama, T. *see* Wada, T. 27537
Kanayama, Y. *see* Matsunaga, H. 14031
Kanazawa, H. *see* Ebina, K. 20617
Kanazawa, H. *see* Kato, T. 43254
Kanazawa, H. *see* Saitoh, Y. 7254
Kanazawa, H. *see* Saitoh, Y. 46854
Kanazawa, K. Large-capacity, high-voltage IGBT modules 48245
Kanazawa, K., Kurisaki, N., Shigeo Ando, N., Noritake, Y. High quality picture technologies in the super-VHS VCR HV-V6000 6242
Kanazawa, K. *see* Nagata, S. 34271
Kanazawa, K. *see* Suetsugu, Y. 7003
Kanazawa, K. *see* Takayanagi, K. 34946
Kanazawa, M. Digitized Hi-Vision standard test pictures 46224
Kanazawa, M., Ogawa, H., Yamada, S., Sato, Y., Sato, K., Itano, A., Kumada, M., Noda, K., Kohno, T., Takada, E., Sudou, M., Kitagawa, A., Kawachi, K., Endo, M., Kanai, T., Soga, F., Minohara, S., Hirao, Y. Status of HIMAC construction at NIRS-Japan 6908
Kanazawa, M., Sato, K., Itano, A., Noda, K., Takada, E., Kumada, M., Sudou, M., Hirao, Y., Yamagishi, T., Katsuki, K., Shigeta, M., Tsuzuki, N., Yamazaki, C., Toyoda, E., Yagi, T., Morii, T. The RF system of the HIMAC synchrotron 15457
Kanazawa, M. *see* Kageyama, K. 46873
Kanazawa, M. *see* Katayama, T. 6901
Kanazawa, M. *see* Katayama, T. 15317
Kanazawa, M. *see* Tomizawa, M. 15571
Kanazawa, S. *see* Hashiguchi, G. 27408
Kanazawa, S. *see* Hashiguchi, G. 42354
Kanazawa, S. *see* Kobayashi, K. 15682
Kanazawa, Y. *see* Murata, K. 37595
Kanazirski, C. *see* Petkov, P. 42446
Kanbach, G. *see* Thompson, D.J. 7145
Kanbara, H. *see* Sankarshanan, P.N. 18777
Kanbara, T. *see* Yamamoto, T. 42952
Kanbe, H. *see* Chavez-Pirson, A. 43859
Kanbe, H. *see* Sogawa, T. 26474
Kanbe, H. *see* Sogawa, T. 27541
Kanbe, J. *see* Tsuboyama, A. 6698
Kanbe, N., Aoyagi, M., Hirose, S., Tomikawa, Y. Impedance-type equivalent circuits of the piezoelectric vibrator for applications to ultrasonic motors and actuators 2736
Kanbe, Y. *see* Kurano, M. 19169
Kanber, H., Bar, S.X., Norris, P.E., Beckham, C., Pacer, M. Optimization of selective area growth of GaAs by low pressure organometallic vapor phase epitaxy for monolithic integrated circuits 41296
Kanber, H. *see* Jones, K.S. *(editor)* 17745
Kancleris, Z. *see* Dagys, M. 31404
Kanda, A. *see* Fukushima, S. 39592
Kanda, A. *see* Tsujimoto, K. 35063
Kanda, M. Standard probes for electromagnetic field measurements 31374
Kanda, M. *see* Hill, D.A. 44432
Kanda, M. *see* Johnk, R.T. 36225
Kanda, N. *see* Fukushima, Y. 15662
Kanda, N. *see* Kruger, A. 38860
Kanda, N. *see* Mori, H. 24632
Kanda, S. *see* Ariji, Y. 15784
Kanda, S. *see* Inagaki, K. 6043
Kanda, S. *see* Kubota, Y. 26178
Kanda, Y. *see* Yoshida, K. 3183
Kandari, A.A., Soliman, S.A. An algorithm for estimating a transmission line unsymmetrical shunt fault location based in least absolute value technique. I. Problem formation 39652
Kandidov, V.P., Kosareva, O.G., Shlenov, S.A. Statistical study of the spectrum of a partially coherent subpicosecond pulse undergoing self-modulation in a gas 28939
Kandidov, V.P., Mitrofanov, O.A. The analysis of the collective modes of a diffractionally-coupled laser array 11928
Kandiev, Ya.Z. *see* Plokhoi, V.V. 7213
Kandil, S.A. *see* Soliman, H.F. 48164
Kandis, M. *see* Cho, S.M. 16636
Kandler, E. *see* Vogt, M. 26477
Kandlur, D., Mon-Song Chen, Pao-Chi Chang, Barzilai, T.P. Making desktop videoconferencing affordable 37609
Kandlur, D.D. *see* Yu, P.S. 13964
Kandus, G. *see* Pucko, M. 22347
Kane, A. *see* Sun, A. 24446
Kane, B.E., Pfeiffer, L.N., West, K.W., Harnett, C.K. Variable density high mobility two-dimensional electron and hole gases in a gated $GaAs/Al_xGa_{1-x}As$ heterostructure 10708
Kane, D.J., Trebino, R. Single-shot measurement of the intensity and phase of a femtosecond laser pulse 20964
Kane, D.M. *see* Willis, A.P. 43889
Kane, J. *see* Nohara, A. 5729
Kane, J.H. *see* Balakrishna, C. 26383
Kane, M. *see* Ba, B. 8772
Kane, M.J. *see* Stanaway, M.B. 46439
Kane, R.J. *see* Clark, G.A. 22294
Kane, S. *see* Rudd, J.V. 12086
Kane, T.J. *see* Kmetec, J.D. 28792
Kane, W. *see* Grill, A. 28336
Kaneda, J. *see* Sennenbara, N. 34938
Kaneda, K., Ogiwara, H. Bit error rate analysis of multilevel coding scheme and optimum error-correcting capability assignment for impulsive noise 21522
Kaneda, K. *see* Tanaka, T. 11099
Kaneda, K. *see* Terakado, S. 42703
Kaneda, M. *see* Nakanishi, S. 9194
Kaneda, R., Manabe, T., Fujii, S. Adaptive decision-feedback equalizer using forward-only counterpropagation networks for Rayleigh fading channels 4645
Kaneda, S. *see* Sasaki, M. 1249
Kaneda, T. *see* Takahashi, T. 19178
Kanefsky, M. *see* Chu, R. 44049
Kanehori, M. *see* Sakamoto, T. 14949
Kanekawa, A. *see* Ikawa, A. 45543
Kanekiyo, T. *see* Kojima, H. 14606
Kanekiyo, T. *see* Kojima, H. 45644
Kanekiyo, Y. *see* Hirosawa, S. 11462
Kaneko, A., Imae, M., Kiuchi, H., Sugimoto, Y. Development of automatic operation software and pre-processor software 46119
Kaneko, A. *see* Imae, M. 46118
Kaneko, A. *see* Kurihara, N. 46124
Kaneko, A. *see* Takahashi, Y. 46121
Kaneko, E. *see* Kamikawaji, T. 32956
Kaneko, E. *see* Shioiri, T. 11332
Kaneko, E. *see* Smeets, R.P.P. 40364

Kaneko, H. Insulation of highly conductive metal in composite stabilizer for reduction of Hall current across surface 16380
Kaneko, H., Fuxue, J., Taimatsu, H. Conductivities of yttria-doped zirconia electrolytes 17327
Kaneko, H., Okada, S. Consideration on electron linac and target system for the Positron Factory 23995
Kaneko, H., Okada, S. Consideration on electron linac and target system for the Positron Factory. II 46832
Kaneko, H. *see* Mikoshiba, H. 11272
Kaneko, H. *see* Negishi, A. 48074
Kaneko, H. *see* Sugimoto, S. 7230
Kaneko, H. *see* Yamamoto, Y. 25966
Kaneko, K. *see* Morimatsu, E. 30965
Kaneko, K. *see* Togawa, N. 26790
Kaneko, K. *see* Yamashita, O. 23828
Kaneko, M. *see* Ichimura, I. 20423
Kaneko, M. *see* Sakaguchi, K. 18441
Kaneko, M. *see* Sakaguchi, K. 26549
Kaneko, M. *see* Sugaya, T. 18143
Kaneko, M. *see* Yasuda, K. 20250
Kaneko, N. *see* Wakabayashi, S. 33395
Kaneko, O. *see* Ando, A. 38832
Kaneko, R. Microtribology today and tomorrow 2815
Kaneko, R. *see* Ohkubo, T. 11495
Kaneko, S., Motegi, Y., Kouno, T., Kito, S., Takayama, K., Matsubara, S., Takai, A., Kato, T. Multi-channel SM-fiber pigtail transmitter/receiver modules using planar micro lens array coupling 38096
Kaneko, S., Tomita, Y., Honda, T. Photometric stereo by simultaneous illumination with three colored lights 22155
Kaneko, S. *see* Dunzhuo Dong 28306
Kaneko, S. *see* Haginomori, E. 16298
Kaneko, S. *see* Takahashi, N. 23826
Kaneko, T. A known-plaintext attack of FEAL-4 based on the system of linear equations on difference 12899
Kaneko, T., Onisawa, K., Wakagi, M., Kita, Y., Minmura, T. Crystalline fraction of microcrystalline silicon films prepared by plasma-enhanced chemical vapor deposition using pulsed silane flow 9748
Kaneko, T., Todokoro, Y. Survey on pattern dimension measurement 15206
Kaneko, T., Wakagi, M., Onisawa, K.-I., Minemura, T. Change in crystalline morphologies of polycrystalline silicon films prepared by radio-frequency plasma-enhanced chemical vapor deposition using SiF_4+H_2 gas mixture at 350°C 41465
Kaneko, T. *see* Koyanagi, M. 10190
Kaneko, T. *see* Moriya, T. 37633
Kaneko, T. *see* Shitara, T. 9610
Kaneko, T. *see* Watanabe, K. 35221
Kaneko, T. *see* Yvedensky, D.D. 9593
Kaneko, Y., Sakaguchi, S., Joyama, Y., Konno, Y., Takakura, H., Nishida, H. Fault location device for 72/84 kV GIS 25585
Kaneko, Y., Tamanuki, T., Katoh, M., Maekawa, H., Koyama, F., Iga, K. Transverse-mode characteristics of InGaAs/GaAs vertical-cavity surface-emitting lasers considering gain offset 20762
Kaneko, Y., Tokuhara, K., Ishigaki, N., Majima, K. Research on high performance Nd-Fe-B magnets 11455
Kaneko, Y., Yamaguchi, M. Enhanced dynamic range in amorphous silicon photo-transistors 28656
Kaneko, Y. *see* Hasegawa, H. 1516
Kaneko, Y. *see* Kiyota, Y. 34669
Kaneko, Y. *see* Nomura, I. 43861
Kanel, H.Von *see* Von Kanel, H.
Kanelis, K. *see* Bausch, H. 40628
Kanelis, K. *see* Bausch, H. 40631
Kanellopoulos, J.D., Ventouras, S. Prediction of the outage performance of an unbalanced orbital diversity Earth-space system (log-normal case) 5829
Kanellopoulos, J.D., Ventouras, S., Vazouras, C.N. A revised model for the prediction of differential rain attenuation on adjacent Earth-space propagation paths 21253
Kanellopoulos, J.D., Ventouras, S., Vazouras, C.N. Analysis of the interference on a dual polarized Earth-space path due to differential rain attenuation from an adjacent satellite system 29177
Kanellopoulos, J.D. *see* Vazouras, C.N. 29144
Kanemaki, K. *see* Fujita, K. 5573
Kanemaru, K. *see* Kaneta, M. 22159
Kanemaru, K. *see* Kanoh, H. 16391
Kanematsu, K. *see* Sato, K. 27368
Kanemitsu, T., Ohsawa, Y., Arai, K. Application of artificial neural network to power system stabilization by SMES 32267
Kanemitsu, Y., Matsumoto, T., Futagi, T., Mimura, H. Visible photoluminescence from rapid-thermal-oxidized porous silicon 19583
Kanemitsu, Y. *see* Matsumoto, T. 20484
Kanemitsu, Y. *see* Mimura, H. 20559
Kanemitsu, Y. *see* Mimura, H. 28666
Kanemitsu, Y. *see* Mimura, H. 43622
Kanemitsuya, K., Kuribayashi, T., Ishii, Y., Aoyama, T., Murayama, Y. Development of new lightweight cable for shipboard electrical equipment 25903
Kanen, R.M. *see* Schick, G. 6021
Kaneno, N. *see* Kizuki, H. 18153
Kaneno, N. *see* Mihashi, Y. 20849
Kaneseki, T. *see* Sakurai, N. 16590
Kaneta, M., Kanemaru, K., Kanoh, H., Nagai, T. Image processing method for intruder detection around power line towers 22159
Kaneta, M. *see* Kanoh, H. 16391
Kanetake, H. *see* Hotta, M. 3092
Kanetake, T., Inoue, H., Tanaka, S., Ishida, K. Large nonlinear optical effect in an InGaAs/InAlAs multiquantum well waveguide 3089
Kanetani, K. *see* Ohhata, K. 1238
Kanetani, K. *see* Ohhata, K. 10171
Kanetani, K. *see* Ohhata, K. 18731
Kanetkar, J.S. *see* Ranade, S.J. 32230
Kanetomo, M. *see* Kiyota, Y. 34669
Kaneuji, T. *see* Yugami, H. 25357
Kanevsky, A. Finding all minimum-size separating vertex sets in a graph 507
Kanevsky, D. *see* Bellegarda, J. 13122
Kanevsky, M.B. On the theory of SAR ocean wave imaging 32100
Kang, B.-W., Zhao, W., Dong, L.-M., Situ, Y. A new type of transistor: CBT 11156
Kang, C.-S. *see* Kwo, K.-W. 9796
Kang, H. *see* Baek, D.H. 34779
Kang, H. *see* Kim, B.C. 27680
Kang, H.M. *see* Bae, B.S. 34994
Kang, H.Y. *see* Han, W.S. 28032
Kang, I.-K. *see* Kim, K.-S. 43281
Kang, I.K. *see* Park, B.W. 23710
Kang, I.K. *see* Pi, W.K. 43280
Kang, J., Hoshikawa, K., Tajima, M., Fukuda, T. Effect of application of a magnetic field during crystal growth on the photoluminescence characteristics of Ge-doped liquid encapsulated Czochralski grown GaAs 41237
Kang, J. *see* Clements, S.M. 42024
Kang, J. *see* Zacher, R.A. 20193
Kang, J.-W., Fisher, P.D., Wey, C.-L. Efficient modelling and synthesis procedure of asynchronous sequential logic elements 33969
Kang, J.-W., Wey, C.-L., Fisher, P.D. An efficient modeling and synthesis procedure of asynchronous sequential logic circuits 10128
Kang, J.S. *see* Jeong, J.I. 33677
Kang, J.S. *see* Lee, Y.P. 11450
Kang, J.U. *see* Al-hemyari, K. 35433
Kang, J.U. *see* Lawrence, B.L. 44056
Kang, K. *see* Buchner, S. 33989
Kang, K.N. *see* Choi, W.J. 42708
Kang, K.S., Kim, H.G., Chang, S.H., Jeong, H.K., Park, S.D. Development strategies on an integrated operator decision aid support system for nuclear power plants 16513
Kang, P.S. *see* Satnam, P.S. 47594
Kang, S., Szygenda, S.A. Automatic error pattern generation for design error detection in a design validation simulation system 18696
Kang, S.-M. *see* Morikuni, J.J. 35633
Kang, S.-M. *see* Shih, Y.-H. 18554
Kang, S.H., Eom, H.J., Park, T.J. TM scattering from a slit in a thick conducting screen: revisited 4062
Kang, S.H. *see* Park, T.J. 44326
Kang, S.M. *see* Cho, J.D. 19201
Kang, S.M. *see* Cho, J.D. 33828
Kang, S.M. *see* Jansz, W. 20016
Kang, S.M. *see* Sriram, M. 27393
Kang, S.S. The thermal wake function for rectangular electronic modules 40953
Kang, S.S., Lee, M.H. An expanded 2D DCT algorithm based on convolution 4659
Kang, T.W. *see* Kim, D.Y. 702
Kang, T.W. *see* Kim, S.K. 11135
Kang, W.-B. *see* Yonehara, H. 12392
Kang, W.P. *see* Davidson, J.L. 23546
Kang, Y.W. Higher order mode damping for the storage ring of the Advanced Photon Source (APS) 6997
Kang, Y.W. *see* Bridges, J.F. 15499
Kang Baoxiang *see* Miao Yongcheng 33809
Kang Bong Koo *see* Bong Koo Kang
Kang Chang Eon *see* Chang Eon Kang
Kang Chang-Ik *see* Chang-Ik Kang
Kang Cheoul-Shin *see* Cheoul-Shin Kang
Kang Dae-Gwan *see* Dae-Gwan Kang
Kang Hee Kyung *see* Hee Kyung Kang
Kang Ho-Kyu *see* Ho-Kyu Kang
Kang Ho-Young *see* Ho-Young Kang
Kang Hyun Gook *see* Hyun Gook Kang
Kang Jian Analysis of a reactive power coordination control failure for Gechouba converter station 32302
Kang Jian-zhong *see* Jian-zhong Kang
Kang Jing-Li *see* Jing-Li Kang
Kang Kyung I. *see* Kyung I. Kang
Kang Lih-Zen *see* Lih-Zen Kang
Kang Ling *see* Jiao Tie-Min 46295
Kang Moon Gi *see* Moon Gi Kang
Kang Sang Won *see* Sang Won Kang
Kang Sang Wong *see* Sang Wong Kang
Kang Sang-Won *see* Sang-Won Kang
Kang Shixiu, Grilli, A., Raco, A. X-ray mask copying based on negative resist RAY-PN 28030
Kang Shou-Wan *see* Shou-Wan Kang
Kang Sien *see* Sien Kang
Kang Sing Bing *see* Sing Bing Kang
Kang Sug Bong *see* Sug Bong Kang
Kang Sung-Mo *see* Sung-Mo Kang
Kang Sungho *see* Sungho Kang
Kang Tai *see* Li Fujian 5220
Kang Xiaoli, Song Nanxin, Zhu Lijin, Li Xihua A-LOC GaAlAs/GaAs laser and its characteristics 43941
Kang Yong Ho *see* Yong Ho Kang
Kang-Long Shen *see* Yun-Zhen Wang 19533
Kang-Soo Lee *see* Chil-Min Kim 3434
Kangas, A. Algorithms for adaptive factorization of polynomials 29666
Kangas, A., Stoica, P. Computationally efficient high-order Yule-Walker frequency estimation 44892
Kangchun Lin *see* Lin Kangchun
Kangmei Chen *see* Chen Kangmei
Kangsheng Chen *see* Chen Kangsheng
Kangshu Yang *see* Yang Kangshu
Kanhai, R.E. *see* El-Nesr, S. 16555
Kanicki, J. *see* Kung, J.H. 11229
Kanicki, J., Warren, W.L., Devine, R.A.B., Matsumura, M. *(editors)* Amorphous Insulating Thin Films Symposium 9152
Kanie, H. *see* Araki, H. 26396
Kanis, M. *see* Fearheiley, M.L. 642
Kaniyil, J. *see* Wen De Zhong 37604
Kanjilal, A.K. *see* Sharma, R. 2348
Kanjilal, P.P., Palit, S. The singular value decomposition—applied in the modelling and prediction of quasiperiodic processes 44812
Kanjilal, S., Chakradhar, S.T., Agrawal, V.D. A test function architecture for interconnected finite state machines 41818
Kankanahalli, S. *see* Kumar, V. 22670
Kankanhalli, A. *see* Li Qun Ruan 13741
Kanki, B.G. The evaluation of crew factors in aircrew team performance 39139
Kanki, T., Nagasawa, K., Asano, T., Isobe, T., Yamauchi, M., Nomoto, K., Ohji, N. Dynamic characteristics of magnetic storage head slider 28370
Kankova, V., Lachout, P. Convergence rate of empirical estimates in stochastic programming 566
Kannai, Y., Weiss, G. Approximating signals by fast impulse sampling 13285
Kannaiyan, J. *see* Ajith Kumar, B.P. 46722
Kannan, M.D., Narayandass, S.K., Balasubramanian, C., Mangalaraj, D. Aging, annealing, and conduction studies on vacuum deposited NdF_3 thin films 42595
Kannan, M.D. *see* Narayandass, S.K. 43151
Kannan, R., Selvan, P., Muralidharan, P.R. Field evaluation of FRP crossarm in overhead lines 7980
Kannan, R., Selvan, P., Muralidharan, P.R. Polypropylene spacers for prevention of damage 24983
Kannan, R. *see* Reinhardt, B.A. 21025
Kannan, S. *see* Kulkarni, M.S. 24000
Kannan, V.C. *see* Chittipeddi, S. 2120
Kannan, V.C. *see* Chittipeddi, S. 2244
Kannan, V.C. *see* Chittipeddi, S. 2254
Kannappan, K. An interleaved scanline algorithm for 2-D affine transformations of images 13649
Kannappan, K., Herbeck, G.H., Stearns, C. A methodology for automated behavioral verification of floating-point designs 18691
Kannari, F. *see* Chuen-Huei Yang 28698
Kannari, F. *see* Kakehata, M. 35695
Kannari, F. *see* Sumiyoshi, T. 11989
Kanner, J. *see* Chavez, W. 25908
Kanngiesser, K.W. *see* Campos Barros, J.G. 25523
Kanniainen, T. *see* Lindroos, S. 26454
Kanno, I., Hayashi, S., Kamada, T., Kitagawa, M., Hirao, T. Characterization of $Pb(Zr, Ti)O_3$ thin films prepared by multi-ion-beam sputtering 43177
Kanno, J. *see* Mori, H. 24610
Kanno, K. *see* Shimizu, K. 43064
Kanno, N. *see* Nakazawa, N. 6218
Kanno, R., Kubo, H., Kawamoto, Y., Wakeda, Y. Structure and high-temperature decomposition process of $LiNiO_2$ 48076
Kanno, R. *see* Yamamoto, T. 42431
Kanno, T., Kobayashi, T., Imai, S. Generalized cepstral modeling of degraded speech and its application to speech enhancement 4523
Kanno, T., Saga, M., Kajihara, N., Awamoto, K., Sudo, G., Ito, Y., Ishizaki, H. Development of LPE-grown HgCdTe 64×64 FPA with a cutoff wavelength of 10.6 μm 31273
Kanno, T., Saga, M., Kawahara, A., Oikawa, R., Ajisawa, A., Tomioka, Y., Oda, N., Yamagata, T., Murashima, S., Shima, T., Yasuda, N. Development of MBE grown HgCdTe 64×64 FPA for long-wavelength IR detection 31272
Kanno, T. *see* Kuboyama, S. 34985
Kanno, T. *see* Negishi, H. 6555
Kannus, K. *see* Lehtio, A. 35130
Kannus, K. *see* Pakonen, P. 11350
Kano, F., Yamanaka, T., Yamamoto, N., Yoshikuni, Y., Mawatari, H., Tohmori, Y., Yamamoto, M., Yokoyama, K. Reduction of linewidth enhancement factor in InGaAsP-InP

modulation-doped strained multiple-quantum-well lasers 12109
Kano, F. *see* Fukuda, M. 5889
Kano, F. *see* Fukuda, M. 28872
Kano, F. *see* Inoue, K. 44055
Kano, F. *see* Ishii, H. 20911
Kano, F. *see* Mawatari, H. 43862
Kano, F. *see* Tohmori, Y. 12169
Kano, F. *see* Tohmori, Y. 35895
Kano, G. *see* Nagata, S. 34271
Kano, H. *see* Koshiba, S. 18209
Kano, H. *see* Miya, S. 2143
Kano, S.S. *see* Takahashi, Y. 19389
Kano, T. *see* Saito, Y. 21152
Kano, Y., Maeda, K., Basak, A. Analysis and reformation of characteristic of linear electromagnetic solenoid 44266
Kanofsky, A.S., Gershman, V., Rosen, W. Radiation effects on the components of optical LAN systems 5943
Kanofsky, A.S., Herman, W.N. Radiation effects on polymer waveguides 11631
Kanofsky, A.S., Minford, W. Radiation effects on proton exchange waveguides 3098
Kanoh, H., Kanemaru, K., Kaneta, M., Nishiura, M. A study on practical fault location system for power transmission lines using neural networks 16391
Kanoh, H. *see* Ishihara, R. 9788
Kanoh, H. *see* Kaneta, M. 22159
Kanoh, K. *see* Hotta, M. 3092
Kanoh, M. *see* Hattori, K. 27910
Kanoi, M. *see* Imamura, Y. 16300
Kanopoulos, N. *see* Royals, D.M. 1254
Kanota, K. *see* Yanagihara, N. 4938
Kanou, N., Horio, Y., Aihara, K., Nakamura, S. A current-mode circuit of a chaotic neuron model 18924
Kanou, N., Horio, Y., Aihara, K., Nakamura, S. A current-mode implementation of a chaotic neuron model using a SI integrator 42102
Kanoza, S. Design of resonant converters 8610
Kansara, M. *see* Smith, G.A. 16744
Kanskaya, L.M., Kechek, A.G., Krivolapchuk, V.V., Mynbaeva, M.G., Poletaev, N.K., Fedorov, L.M. Long-wavelength sensitization of GaP photodiodes by the epitaxial overgrowth of a GaAs layer 38486
Kansog, J.O.C. *see* Grzan, J. 16330
Kansy, R.J. *see* Vigil, A.J. 11423
Kant, A.D. Perception and acceptance of electric vehicles: a case study of Amsterdam 48299
Kant, M. Motorization of electric vehicles 40604
Kant, R. Interaction of focused radiation with magneto-optical discs. The writing process 28531
Kantabutra, V. Accelerated two-level carry-skip adders—a type of very fast adders 18680
Kantabutra, V. A recursive carry-lookahead/carry-select hybrid adder 26787
Kantardziski, P. *see* Pinto, C. 16795
Kantarjiev, C.K., Demers, A., Frederick, R., Krivacic, R.T., Weiser, M. Experiences with X in a wireless environment 22569
Kantor, B. *see* Shinar, J. 24575
Kantrowitz, F., Senensieb, D.H., Weiss, I.M. An adaptive nulling antenna system for space based radar with array element reuse 23179
Kantrowitz, M.L., Brown, J.A., Rosenstein, R.G. Design of the System 80+ high-performance reactor core 25183
Kantsyrev, V.L. *see* Barabanov, V.S. 35956
Kantyuk, S.P. *see* Budzinsky, Y.A. 6133
Kanyo, M., Reinartz, R., Schelten, J., Muller, K.D. Two-dimensional neutron scintillation detector with optimal gamma discrimination 7192
Kanzawa, H., Matsuzaka, F., Uehara, M., Kasuya, K. Development of CO laser excited by transverse-RF-discharge 11945
Kanzler, K. *see* Gruhlke, R. 3746
Kanzler, K. *see* Gruhlke, R. 35933
Kao, B., Garcia-Molina, H., Barbara, D. Aggressive transmissions of short messages over redundant paths 37075
Kao, C. *see* Celii, F.G. 26423
Kao, C.H., Tang, H.Y., Shiue, Y.S., Sheen, S.R., Wu, M.K. Fabrication of $Bi_{1.7}Pb_{0.4}Sr_{1.6}Ca_{2.4}Cu_{3.6}O_y$ superconducting films on silver substrates by the electrophoretic deposition technique 878
Kao, C.Y. *see* Prasad, S. 20009
Kao, F. *see* Little, T.D.C. 13968
Kao, J. *see* Chen, T.-R. 9226
Kao, M.-S., Lin, T.-C. Conceptual survey of phase modulation based wavelength registered networks 37996
Kao, M.J. *see* Shieh, H.M. 42993
Kao, M.Y. *see* Fu, S.T. 1534
Kao, M.Y. *see* Ho, P. 11242
Kao, R., Horowitz, M. Eliminating redundant DC equations for asymptotic waveform evaluation 33850
Kao, R. *see* Jouppi, N.P. 26965
Kao, W., Xia, J., Boydston, T. Automatic test program generation for mixed signal ICs via design to test link 14881
Kao, W., Xia, J., Clifford, I. Automatic generation of load board schematics for testing mixed signal ICs 27092
Kao, W. *see* Filseth, E. 10273
Kao, W.H. *see* Bateman, S.C. 1341
Kao, Y.-C. *see* Moise, T.S. 19795
Kao, Y.-C. *see* Moise, T.S. 42863
Kao, Y.-C. *see* Seabaugh, A.C. 1137
Kao, Y.-C. *see* Seabaugh, A.C. 11290
Kao Cheng-I *see* Cheng-I Kao
Kao Huan-Ming *see* Huan-Ming Kao
Kao Jinn-Nan *see* Jinn-Nan Kao
Kao Ming-Jer *see* Ming-Jer Kao
Kao Ming-Seng *see* Ming-Seng Kao
Kao Wen-Chung *see* Wen-Chung Kao
Kao Yao-Huang *see* Yao-Huang Kao
Kao Yao-Tze *see* Yao-Tze Kao
Kao-Feng Yarn, Yeong-Her Wang, Chun-Yen Chang GaAs bidirectional bistability switch using double triangular barrier structures 34941
Kao-Yang Huang *see* Carter, G.M. 43848
Kaoula, K., Benjelloun, M. An unsupervised pattern recognition based approach to the spatio-temporal segmentation problem 13759
Kaoula, K., Benjelloun, M., Dubuisson, B. 3D region matching and tracking in a long binocular image sequence 30092
Kap-Soon Chang *see* Iwata, T. 46669
Kaparkov, D., Gal'chenko, S., Kolesov, S., Kuznetsov, V., Popov, A., Vendik, O. A software based on simple, fast, correct formulae for modeling the propagation characteristics of HTSC transmission lines at microwaves 27128
Kaparkov, D.I. *see* Gal'chenko, S.A. 27172
Kaparkov, D.I. *see* Kuznetsov, V.V. 27171
Kapas, M., Kovac, O., Katuscakova, P., Hodulikova, A. Optimization of the operating conditions for an elastomagnetic sensor of pressure force 6410
Kapchinskiy, I.M. *see* Skachkov, V.S. 15543
Kapila, A., Si, X., Malhotra, V. Sulfur passivation of InP and GaAs 27687
Kapila, A. *see* Young, D.B. 35915
Kapilow, D.A. *see* Snyder, J.H. 18747
Kapitan, L.W. *see* Zhang, K. 676
Kapitonov, B.V. Stabilization and exact boundary controllability for Maxwell's equations 41039
Kapitskii, Yu.E. *see* Zel'dovich, B.Ya. 12341
Kapitulnik, A. *see* Wu, X.D. 14915
Kapitzky, J. *see* Goldsmith, P.F. 38571
Kapitzky, Yu.E. *see* Bolshtyansky, M.A. 3769
Kaplan, A.A., Tichatschke, R. Variational inequalities and convex semi-infinite programming problems 559
Kaplan, A.A., Tichatschke, R. A regularized penalty method for solving convex semi-infinite programs 560
Kaplan, A.E. Eigenmodes of $\chi^{(2)}$ wave mixings: cross-induced second-order nonlinear refraction 3771
Kaplan, A.E. *see* Shkolnikov, P.L. 3781
Kaplan, B.-Z. *see* Sarafian, G. 33927
Kaplan, B.Z. Contributions to the derivation of the fields of rotating multipoles and some of the implications 12726
Kaplan, B.Z., Rabinovici, R. Autonomous switching mode resonant inverter as a limit cycle oscillator in disguise 1024
Kaplan, D. *see* Countemanche, M. 24298
Kaplan, D. *see* Wood, M. 46891
Kaplan, D.M., Apolinski, M., Luebke, W., Kwan, S.W.L. A simple drift-tube telescope for detector tests 7226
Kaplan, D.M., Isenhower, L.D., Atac, M., Brown, C.N., Darden, C.W. A fast ring-imaging Cherenkov counter for a fixed-target heavy-quark experiment 46937
Kaplan, D.T. A model-independent technique for determining the embedding dimension 36669
Kaplan, G.S. *see* Aleksandrov, G.N. 25037
Kaplan, H. Infrared thermal imaging applications for manufacturing and quality control, an overview 38570
Kaplan, L. *see* Ben-Shalom, A. 9767
Kaplan, L.M., Kuo, C.-C.J. Fractal estimation from noisy data via discrete fractional Gaussian noise (DFGN) and the Haar basis 44982
Kaplan, M. *see* Cidon, I. 30411
Kaplan, S., Bier, V.M., Bley, D.C. A note on families of fragility curves—is the composite curve equivalent to the mean curve? 33287
Kaplan, S., Karklin, L. Calibration of lithography simulator by using sub-resolution patterns 2374
Kaplan, S.N. *see* Cho, G. 7181
Kaplan, S.N. *see* Gyuseong Cho 31791
Kaplan, S.N. *see* Lee, H. 31232
Kaplar, E.P. *see* Buinitskii, B.A. 8092
Kaplun, S.M. *see* Badalyan, V.G. 18346
Kaplun, S.M. *see* Badalyan, V.G. 18388
Kaplunenko, V.K., Goldobin, E.B., Khabipov, M.I., Larsen, B.H., Mygind, J., Pedersen, N.F. Self-induced magnetic field effects caused by edge currents in parallel array of Josephson junctions 20184
Kapolnek, D.J. *see* James, T.W. 28415
Kapon, E. Quantum wire lasers grown by OMCVD on nonplanar substrates 28833
Kapoor, S. *see* Kelly, M.A. 859
Kapoor, S. *see* Kumar, L. 30908
Kapoor, S. *see* Olson, D.S. 1834
Kapoor, S.S. *see* Samant, M.S. 7157
Kapoor, V. *see* Bowden, M. 38924
Kapor, M., Weitzner, D.J. Developing the national communications and information infrastructure 5598
Kappacher, C. *see* Dill, R. 30630
Kappenman, J.G. *see* Porter, J.W. 39662
Kapphan, S. *see* Steger, G. 12068
Kapphan, S. *see* Xi-Qi Feng 41244
Kappner, T., Hehmann, D., Steinmetz, R. An introduction to HeiMAT: the Heidelberg multimedia application toolkit 5549
Kappos, E. *see* Kinniment, D.J. 8453
Kapralov, S.N. *see* Dodunekov, S.M. 29464
Kapre, R. *see* Chen, Y.K. 42880
Kapre, R. *see* Choa, F.S. 3134
Kapre, R. *see* Tsang, W.T. 42719
Kapre, R.M., Chen, L., Kaviani, K., Hu, K., Chen, P., Madhukar, A. High contrast optically bistable optoelectronic switches using strained InGaAs/AlGaAs material system 3385
Kapre, R.M., Tsang, W.T., Sciortino, P.F., Jr. In-situ dry etching of InP using phosphorus trichloride and re-growth inside a chemical beam epitaxial growth chamber 27686
Kapre, R.M. *see* Tsang, W.T. 19573
Kapre, R.M. *see* Tsang, W.T. 20801
Kapre, R.M. *see* Tsang, W.T. 42679
Kapron, F. *see* Dori, A. 35341
Kapron, H. *see* Gora, S. 25304
Kapron, J.C. *see* Mookerjee, G. 32690
Kapsalis, V.D. *see* Gialelis, J.B. 5600
Kaptche-Tagne, F. *see* Happy, H. 11240
Kaptein, E., Dunias, P., Kouwenberg, B. Structural matching in knowledge-based 3D scene reconstruction 26169
Kapteyn, H.C. *see* Asaki, M.T. 20699
Kapteyn, H.C. *see* Backus, S. 44099
Kapteyn, H.C. *see* Jianping Zhou 28769
Kaptsov, O.V. *see* Emanov, A.F. 32068
Kapur, R., Park, J., Mercer, M.R. All tests for a fault are not equally valuable for defect detection 1196
Kapur, S. *see* Burrell, L.G. 2205
Kapus-Kolar, M. Derivation of protocols implementing services with event priorities 22348
Kapusta, L.V. *see* Kritskii, A.G. 18344
Kapustin, A.A. *see* Dolinsky, A.V. 15677
Kapustinsky, J.S. *see* Ziock, H.J. 7184
Kaqahito, S., Ishida, M., Nakamura, T., Mizuno, K., Kameyama, M., Higuchi, T. Multi-valued current-mode parallel multiplier based on redundant positive-digit number representations 10105
Kar, B.K., Pradhan, D.K. A new algorithm for order statistic and sorting 4624
Kar, S., Ashok, S. Interaction of atomic hydrogen with ion bombardment induced defects at Si/SiO_2 interfaces 19449
Kar, S., Roy, S.K. Experimental studies on the improvement of the performance of resonant-cap type microwave IMPATT oscillators through appropriate modification of the resonant-cap cavity 10456
Kar, S., Srikanth, K., Ashok, S. Passivation of ion-beam-induced defects at and around the $Si-SiO_2$ interface by ion beam hydrogenation 10781
Kar, S. *see* Mitra, M. 10454
Kar, S.K. *see* Mukhopadhyay, P.K. 27330
Kar-Roy, A., Tsai, C.S. Focused SAW induced sidelobe suppression of integrated acousto-optic tunable wavelength filters 3248
Kara, A., Wilkes, D.M., Kawamura, K. 3D structure reconstruction from two perspective projections 13709
Kara, M.T. *see* Rizkalla, M.E. 11550
Kara, M.T. *see* Rizkalla, M.E. 15119
Kara-Ki, M. *see* Shinoda, M. 28944
Karaali, C. *see* Naunin, D. 8865
Karaata, M.H. *see* Ghosh, S. 9402
Karabanov, S.M. *see* Pevtsov, A.B. 20548
Karabernou, S.M., Mazare, G. VLSI design of a processor for an integrated massively parallel architecture 41954
Karacaoglu, U., Aujla, N.S., Robertson, I.D., Watkins, J. An active patch antenna topology based on negative resistance FET oscillator design 29330
Karacaoglu, U., Lucyszyn, S., Robertson, I.D., Guglielmi, M. GaAs MMIC active filters for L-band mobile systems 42215
Karadi, C. *see* Verghese, S. 35263
Karady, G. *see* Ranaweera, D.K. 24655
Karady, G.G., Ortmeyer, T.H., Pilvelait, B.R., Maratukulam, D. Continuously regulated series capacitor 24681
Karady, G.G., Sirkis, M.D., Li Liu Investigation of corona initiation voltage at reduced pressures 35107
Karady, G.G. *see* Frix, W.M. 46577
Karady, G.G. *see* Peng, T.M. 24715
Karady, G.G. *see* Ranaweera, D.K. 16211
Karageorghis, A. On the equivalence between basis recombination and boundary bordering formulations for spectral collocation methods in rectangular domains 18101
Karagianidis, G.K. *see* Gialelis, J.B. 5600
Karagounis, L.A. *see* Stein, K.M. 24285
Karahashi, K., Matsuo, J., Horiuchi, K. Reaction kinetics of atomic chlorine on Si(100)2×1 42682

Karain, W.I., Knight, L.V., Allred, D.D., Reyes-Mena, A. The use of sharp silicon tips as photocathodes and electron sources for X-ray generation 31813
Karakashian, A.S. *see* Krishnaswami, K. 23618
Karaki, A. *see* Maru, H. 7516
Karakida, S. *see* Mihashi, Y. 20849
Karakostas, K.X., Wynn, H.P. On the covariance function of stationary binary sequences with given mean 36459
Karakowski, J.A., Patel, N.P. An automatic text-independent speaker recognition system 29528
Karakucuk, M. *see* Li, W.Q. 19033
Karalyunas, V.S., Smil'gyavichus, A.Yu. Braking regimes of linear asynchronous motors 32865
Karam, F.G., Hearn, T., Rohr, D., Guibord, A.F. Design and implementation considerations of a MSAT packet data network 37924
Karam, G. *see* Paxal, V. 38086
Karam, L. An analysis/synthesis model for the human visual system based on subspace decomposition and multirate filter bank theory 13667
Karam, N.H. *see* Lingunis, E.H. 9583
Karam, N.H. *see* Zhu, J.G. 9541
Karaman, M., Atalar, A., Koymen, H. VLSI circuits for adaptive digital beamforming in ultrasound imaging 31834
Karaman, M., Atalar, A., Koymen, H., O'Donnell, M. Experimental analysis of a computationally efficient phase aberration correction technique 13505
Karaman, M. *see* Kutay, M.A. 31862
Karamouzis, S.T., Feyock, S. Case-based approach to handling aircraft malfunctions 32048
Karan, H.I. *see* Lan, H.L. 23733
Karandashov, S.A. *see* Aydaraliev, M. 3614
Karanicolas, A.N., Hae-Seung Lee, Barcrania, K.L. A 15-b 1-Msample/s digitally self-calibrated pipeline ADC 42003
Karanicolas, A.N., Lee, H.S., Bacrania, K.L. A 15 b 1 Ms/s digitally self-calibrated pipeline ADC 27019
Karanovic, L., Poleti, D., Vasovic, D. On the possibility of pyrochlore phase formation in zinc oxide varistor ceramic 27324
Karanovic, L. *see* Milosavljevic, Z. 885
Karantzoulis, E. *see* Ripken, G. 6982
Karapinar, R., Gunduz, E. An acousto-optic modulator with a liquid crystal 28536
Karas, A.N. *see* Vaahedi, E. 24721
Karas', V.I. *see* Belova, N.G. 23982
Karasaki, K. *see* Hiroi, T. 17950
Karasali, H. *see* Bebelis, S. 16738
Karasawa, K. *see* Kamiya, K. 23331
Karasawa, T., Ohkawa, K., Mitsuyu, T. Photopumped blue laser action in ZnSe-ZnMnSSe double heterostructure grown by molecular beam epitaxy 12229
Karasawa, Y. *see* Matsudo, T. 36178
Karasek, M. Design considerations for Pr^{3+}-doped fluoride fiber amplifier 3528
Karasek, M. Spectral dependence of gain and noise figure in erbium doped fluoride fiber amplifiers 3529
Karasek, M. Theoretical comparison of Pr^{3+}-doped fluoride and chalcogenide glasses for 1300 nm fibre amplifiers 28781
Karasek, M. Analysis of gain improvement of Pr^{3+}-doped fluoride fibre amplifiers using an optical filter or isolator 43812
Karasek, M., Tobben, H. Theoretical comparison of Pr^{3+} doped La-Ga-S and fluoride glass fibre amplifier 35743
Karasen, A.-G. The structure of OSI management information 14020
Karasev, V.B. *see* Altshuler, G.B. 28918
Karasev, V.V. *see* Dmitriev, V.A. 32940
Karashima, S. *see* Kitazawa, H. 11916
Karashima, T. *see* Shinkai, M. 25962
Karasick, M.S. *see* Giles, M.D. 28245
Karasik, A.Ya. *see* Basiev, T.T. 43807
Karasik, B. *see* Ekstrom, H. 27237
Karasik, Y.B. An optical algorithm for a plane image reconstruction from its boundary 22206
Karavias, G. *see* Andriamampianina, L. 22015
Karayan, G.S., Makaryan, A.A., Manukyan, A.G., Oganyan, I.R. Influence of optical radiation on the electrical conductivity of a p-n junction 34564
Karbushev, N. Analysis of the electron motion in a spiral undulator with an axial guide magnetic field 28886
Karbushev, N.I. *see* Gerasimov, S.V. 1798
Karch, B.K., Karim, M.A., Flannery, D.L. Binary joint transform correlation of defocused images 13601
Karch, V. *see* Avdeev, S.P. 7198
Karcher, H. *see* Bayley, A.M. 46151
Karchin, P. *see* Wood, M. 46891
Karchkov, V.A. *see* Trishechkin, P.F. 6838
Karcz, W. *see* Avdeev, S.P. 7275
Karcz, W. *see* Avdeyev, S.P. 7149
Karczewski, G. *see* Heremans, J. 1843
Kardinahl, T., Franke, H. Organic photodetectors for integrated optics 3150
Kardinahl, T., Franke, H. Fulgide doped PMMA thin film waveguides for optoelectronics 44046
Karekar, R.N. *see* Afzalzadeh, R. 36378
Karekar, R.N. *see* Vaitheeswaran Iyer, S.M. 4277
Karekar, R.N. *see* Yousefi, M.H. 29298
Karelin, A.V., Stefanova, M.S., Pramatarov, P.M., Yakovlenko, S.I. Numerical modeling of a He-Kr coil hollow cathode laser 11938
Karellas, A., Liu, H., Reinhardt, C., Harris, L.J., Brill, A.B. Imaging of radionuclide emissions with a low-noise charge-coupled device 15722
Karetnikov, A.A. *see* Gitin, A.V. 3219
Karev, Yu.I. *see* Efimovskii, S.V. 28732
Karev, Yu.I. *see* Efimovskii, S.V. 28740
Karev, Yu.I. *see* Efimovskii, S.V. 28741
Karga, P.V. *see* Eliseev, P.G. 20818
Kargl, P.B., Kullmer, R., Bauerle, D. Periodic structures in pyrolytic laser-CVD of W from WCl_6 2249
Kargl, P.B., Kullmer, R., Bauerle, D. Bistable growth in laser chemical vapor deposition 9747
Karhunen, J., Joutsensalo, J. Representation and separation of signals using nonlinear PCA type learning 44826
Karhunen, J. *see* Joutsensalo, J. 13256
Kari, B. *see* Liu, Y. 15635
Kari, B. *see* Pawlowski, J. 15746
Kari, H.H., Saikkonen, H., Lombardi, F. Detecting latent sector faults in modern SCSI disks 37546
Karikomi, M., Matsuoka, T., Chen, L.W. An omnidirectional broad bandwidth microstrip antenna using a parasitic cylinder 29389
Karim, D.P. Multimode dispersion in step-index polymer optical fibers 3049
Karim, M.A. *see* Alam, M.S. 21927
Karim, M.A. *see* Alam, M.S. 35528
Karim, M.A. *see* Iftekharuddin, K.M. 15077
Karim, M.A. *see* Iftekharuddin, K.M. 43571
Karim, M.A. *see* Karch, B.K. 13601
Karim, M.A. *see* Perez, O. 13603
Karim, M.Z., Cameron, D.C., Hashmi, M.S.J. Characterization of mixed-phase BN thin films deposited by plasma CVD 26472
Karim, M.Z. *see* Cameron, D.C. 9770
Karim, S. *see* Wu, H.R. 30963
Karimi, H.R. *see* Manikas, A. 44922
Karimov, A.R. Energy characteristics of the optically active medium of gas-dynamic HF laser 43731
Karimov, A.V. *see* Agzamova, M.Kh. 33074
Karimov, I.N. *see* Berman, L.S. 1950
Karimov, M. *see* Yunusov, M.S. 10849
Karimy, M.A. *see* Bahram-pour, A.R. 11975
Karin, J., Hirsch, M., Sagiv, C., Akselrod, S. Fetal autonomic nervous system activity monitoring by spectral analysis of heart rate variations 39058
Karin, J.R., Helkey, R.J., Derickson, D.J., Nagarajan, R., Allin, D.S., Bowers, J.E., Thornton, R.L. Ultrafast dynamics in field-enhanced saturable absorbers 29001
Karin, J.R. *see* Barron, C.C. 20403
Karins, J. *see* Goldstein, D.H. 32168
Karins, J.P. *see* Ross, W.E. 28533
Karioja, P., Tukkiniemi, K., Heikkinen, V., Kaisto, I. Inexpensive packaging techiques of fiber pigtailed laser diodes 33363
Karis, T.E. *see* Crone, R.M. 20153
Karita, M. *see* Osawa, S. 17535
Karita, M. *see* Yamada, H. 15921
Kariukhine, A. *see* Benvenuti, A. 7252
Kariya, K. *see* Taguchi, K. 14836
Kariya, M. *see* Kodate, K. 11882
Karjalainen, M., Valimaki, V. Implementation of real-time synthesis of string and wind instruments on a floating-point signal processor 23361
Karjalainen-Roikonen, P. *see* Torronen, K. 16500
Karjoth, G. Dynamic state machines with multiway synchronization, channels, and shared variables 13888
Karki, K. *see* Gavali, S. 324
Karkkainen, K.H.A. Meaning of maximum and mean-square cross-correlation as a performance measure for CDMA code families and their influence on system capacity 5721
Karklin, L. *see* Dusa, M.V. 2355
Karklin, L. *see* Kaplan, S. 2374
Karklin, L. *see* Luehrmann, P. 2271
Karkotskiy, V.L., Shlyakhin, V.M., Yakovlev, Yu.V. Conflict-induced advantages of sides under countermeasure conditions 16097
Karkotskiy, V.L. *see* Shlyakhin, V.M. 14683
Karkouri, Y. *see* Aboulhamid, E.M. 1144
Karl, M. *see* Pierce, J.L. 8227
Karl, W.C. *see* Bhatia, M. 24228
Karl, W.C. *see* Learned, R.E. 13316
Karl, W.C. *see* Luettgen, M.R. 36783
Karl, W.C. *see* Luettgen, M.R. 44971
Karl, W.Clem *see* Clem Karl, W.
Karl Schulze-Buxloh *see* Coraiola, A. 5702
Karla, D., Dillon, T.S. Incorporation of the lagrangian relaxation method for unit commitment of hydro-thermal systems with an expert system 24832
Karlicek, R.F. *see* Logan, R.A. 35810
Karlicek, R.F., Jr. *see* Chand, N. 18204
Karlicek, R.F., Jr. *see* Chu, S.N.G. 18288
Karlicky, M. *see* Jiricka, K. 46147
Karlin, T.E., Zhang, S.-L., Ryden, K.-H., Nygren, S., Ostling, M., d'Heurle, F.M. Electrical evaluation of high-temperature effects on gate oxide integrity in a self-aligned $CoSi_2$ MOS process 19631
Karlina, L.B. *see* Andreev, V.M. 17394
Karlquist, R.K. A new RF architecture for cesium frequency standards 23393
Karlsson, A. *see* Goobar, E. 38009
Karlsson, A. *see* Hodges, C.R. 334
Karlsson, A. *see* Yamamoto, Y. 20852
Karlsson, B. *see* Andersson, M. 25208
Karlsson, B. *see* Hemani, A. 41561
Karlsson, B.G. *see* Bjork, C. 9030
Karlsson, B.G. *see* Nilsson, K. 33169
Karlsson, C. *see* Angelov, I. 1607
Karlsson, C. *see* Zirath, H. 1591
Karlsson, C. *see* Zirath, H. 27274
Karlsson, J. *see* Leijon, M.A.S. 48036
Karlsson, J. *see* Nordin, R.S.B. 8680
Karlsson, M. A multileaf delineator system for a radiotherapy simulator 39088
Karlsson, M., Hook, A. Soliton-like pulses governed by fourth order dispersion in optical fibers 20336
Karlsson, M., Rosander, S. Study of a 10 MeV, 50 kW racetrack microtron for industrial radiation processing 15465
Karlsson, M. *see* Anderson, D. 3888
Karlsson, T. *see* Theiler, T. 44382
Karlsteen, M. *see* Grahn, K. 2460
Karmanenko, S.F. *see* Vendik, O.G. 35290
Karmarkar, J.S., Sridhar, B., Lakshmanan, M. Cost-effective implementation of passive ranging algorithms on general purpose parallel architectures 22226
Karmi, G. *see* Chlamtac, I. 6074
Karmouch, A. A multimedia information and communications system: MEDIABASE 37120
Karn, J. *see* Harwood, L. 15527
Karn, P. The Qualcomm CDMA digital cellular system 22811
Karnaukhov, I. *see* Efimov, S. 15384
Karnaukhov, I. *see* Gladkikh, P. 15400
Karnaukhov, I. *see* Gladkikh, P. 15562
Karnaukhov, I. *see* Zelinsky, A. 7036
Karnaukhov, I. *see* Zelinsky, A. 7037
Karnaukhov, V.A. *see* Avdeev, S.P. 6949
Karnaukhov, V.A. *see* Avdeev, S.P. 7198
Karnaukhov, V.A. *see* Avdeev, S.P. 7275
Karnaukhov, V.A. *see* Avdeyev, S.P. 7149
Karner, H.C. *see* Frohlich, K. 8701
Karner, H.C. *see* Kahl, B. 2700
Karner, W. *see* Shao-Fang Gong 17901
Karnik, S.R. *see* Dutta Gupta, P.B. 16205
Karny, M. *see* Samal, M. 39028
Karol, M. *see* Alexander, S.B. 6055
Karol, M.J. Shared-memory optical packet (ATM) switch 30772
Karol, M.J., Glance, B. Performance of the PAC optical packet network 22996
Karoliussen, H., Nisancioglu, K., Solheim, A., Odegard, R. Mathematical modeling of cross plane SOFC with internal reforming 17316
Karoubi, B. *see* Peyrin, F. 15874
Karoui, A., Vaillancourt, R. Computer solutions of state-dependent delay differential equations 18096
Karouta, F. *see* Yoffe, G.W. 3084
Karouta, F. *see* Yoffe, G.W. 3187
Karouta, F. *see* Yoffe, G.W. 20401
Karp, J.A. *see* Slater, M. 26957
Karp, R. *see* Ronen, B. 40999
Karpakka, J. *see* Muller, J. 5283
Karpala, F. *see* Reynolds, R.L. 9322
Karpati, A., Ipsits, I., Gajasz, Z. Method to analyse the steady state and dynamic behaviour of a high power X-ray generator with resonant converter 15685
Karpelevich, F.I., Kelbert, M.Ya., Suhov, Y.M. The branching diffusion stochastic equations and travelling wave solutions to the equation of Kolmogorov-Petrovskii-Piskunov 17986
Karpenko, A.I. *see* Blinov, Yu.A. 25182
Karpenko, L.N. *see* Bakuta, V.G. 38766
Karpenko, V.A., Mogilevich, V.N. On a formulation of the coupled wave equations for optical waveguides 12657
Karpenko, V.A. *see* Galkin, V.Ya. 4681
Karpenko, V.P., Matveev, O.A. Investigation of CdTe detectors designed for computer X-ray tomography 46858
Karpenko, V.P. *see* Van Wonterghem, B.M. 35946
Karpinchik, K. *see* Kotelnikov, S. 24497
Karpinski, A.A. Simple thermal management of large multi-bar laser diode arrays 20889
Karpinski, M. *see* Grigoriev, D. 9445
Karpinski, R. Laptop power finds its way into the field [network testing] 5376
Karpinski, R. It's in the air: broadband goes wireless 5751
Karplyuk, I. *see* Kravtsov, V. 46331
Karpman, J., Libenson, M., Minaeva, E. Laser-induced transfer of pre-coated films 18295
Karpov, A., Voss, M., Blondel, J., Carter, M., Lazareff, B., Gundlach, K.H. Low noise submillimetre SIS receiver for 30 m IRAM radiotelescope 30939
Karpov, A.I. *see* Zykov, B.N. 11710
Karpov, S.Yu. *see* Chaly, V.P. 43877
Karpov, V.B., Korobkin, V.V., Dolgolenko, D.A. Influence of multiphoton absorption on stimulated scattering and phase conjugation of excimer XeCl laser radiation 21054
Karpov, V.I. *see* Belov, A.V. 38002

Karpov, V.N. Thermodynamic aspects of power supply methodology of optical irradiation electrical technologies for agricultural applications 48495
Karpovich, I.A., Bednyi, B.I., Baidus, N.V., Batukova, L.M., Zvonkov, B.N., Stepikhova, M.V. Heteroepitaxial passivation of the surface of GaAs 34760
Karpovsky, M.G., Chaudhry, S.M. Design of self-diagnostic boards by multiple signature analysis 18589
Karpuck, S.M. *see* Agishev, I.N. 3843
Karpuck, S.M. *see* Ivanova, N.A. 3840
Karpukhin, S.N. *see* Vitsinskii, S.A. 36006
Karpur, P. *see* Mann, L.L. 9811
Karpushin, Yu.V., Leontev, A.A., Mintsev, V.B., Ushnurtsev, A.E., Fortov, V.E. Experiments on the operation of compact explosive magnetic generators with magnetic flux trapping 40388
Karpushko, F.V. *see* Bystrimovich, S.A. 3792
Karpushko, F.V. *see* Sinitsyn, G.V. 11758
Karr, S. *see* Measures, R.M. 23668
Karr, S.E. *see* Alavie, A.T. 23655
Karr, S.E. *see* Alavie, A.T. 23672
Karr, S.E. *see* Othonos, A. 15066
Karrakchou, M., Loup, F., Vesin, J.M., Feihl, F., Perret, C., Kunt, M. Nonlinear interference cancelling in biomedical systems 24157
Karrenbauer, H., Neumann, C. Integrated self-diagnosis and control of high voltage switchgear 8671
Karrenberg, D., Lord, A., Terpstra, M. The RIPE NCC—one year of experience with European Internet coordination 30430
Karri, R., Orailoglu, A. Pipeline data path synthesis of fault-tolerant microarchitectures 18751
Karri, R., Orailoglu, A. ALPS: an algorithm for pipeline data path synthesis 18779
Karri, R., Orailoglu, A. Transformation-based register optimization in high-level synthesis 26838
Karsai, G. *see* Sztipanovits, J. 4625
Karsh, R. *see* Birkmire, D.P. 16107
Karssemeijer, N. Adaptive noise equalization and image analysis in mammography 39030
Karsten, K. *see* Sadhir, V. 19096
Karstensen, H., Hanke, C., Honsberg, M., Blaser, M., Wieland, J. Fiber ribbon based DC-coupled optical interconnection 38117
Kartashev, V.G. Calculation of surface acoustic wave devices modeling the operation of receiver antenna systems 4333
Kartashev, V.G. *see* Belyanskiy, A.V. 4347
Kartashov, A.V. *see* Zaitsev, V.I. 4657
Kartashov, S. *see* Khrenov, G. 19785
Kartashov, S. *see* Khrenov, G. 34925
Kartha, C.G. *see* Jain, P.K. 39708
Karthaus, E. *see* Dahlen, A. 33586
Karthe, W. *see* Brauer, A. 43545
Karthe, W. *see* Dannberg, P. 35473
Karthe, W. *see* Gehler, J. 20363
Karthe, W. *see* Gehler, J. 35420
Karthe, W. *see* Goring, R. 3101
Karthe, W. *see* Gotz, B. 20355
Karthe, W. *see* Tittelbach, G. 11660
Karthe, W. *see* Waldhausl, R. 35430
Karthikeyan, S., Raju, K.B., Das, K.N. New insulation system for hydrogenerator stator winding 16716
Kartik, S. *see* Bernstein, A. 31661
Kartik, S. *see* Wang, M.-Z. 31689
Kartner, F.X. *see* Anzill, W. 26743
Kartsev, Yu.A. *see* Batanov, A.S. 4334
Karttaavi, T. *see* Campbell, M. 46972
Karube, I. *see* Hanamoto, T. 25867
Karube, T. *see* Oyama, T. 16203
Karulkar, P. *see* Annamalai, N.K. 34984
Karulkar, V.T. *see* Srivastava, A.K. 23643
Karunasekera, S.A., Kingsbury, N.G. A distortion measure for blocking artifacts in images based on human visual sensitivity 29960
Karvelas, D., Leon-Garcia, A. Delay analysis of various service disciplines in symmetric token passing networks 14194
Karvelas, D., Papamichail, M. The no slot wasting bandwidth balancing mechanism for dual bus architectures 22516
Karvelas, D., Papmichail, M. Performance analysis of a new bandwidth balancing mechanism under the presence of erasure nodes 5539
Karvelas, E. *see* Adam, W. 7259
Karvelas, E. *see* Adam, W. 31715
Karvelas, E. *see* Adam, W. 46929
Karymov, A.A. *see* Glazenko, A.V. 16773
Karyono *see* Telle, H.H. 12019
Karzanov, A.V. Paths and metrics in a planar graph with three or more holes. I. Metrics 41063
Karzanov, A.V. Paths and metrics in a planar graph with three or more holes. II. Paths 41064
Kasahara, E. *see* Mito, K. 12004
Kasahara, H., Kishimoto, T. Broadband multimedia applications and terminals - recent developments and future perspectives 37249
Kasahara, H. *see* Ishiyama, H. 15698
Kasahara, K. Two-dimensional vertical to surface transmission electro-photonic device array for optical interconnection 3396
Kasahara, K. *see* Araki, S. 20495
Kasahara, K. *see* Beyzavi, K. 43644
Kasahara, K. *see* Kajita, M. 43683
Kasahara, K. *see* Kosaka, H. 43686
Kasahara, K. *see* Morikawa, T. 25232
Kasahara, K. *see* Nagano, N. 34273
Kasahara, K. *see* Nishio, M. 14360
Kasahara, K. *see* Nishio, M. 30588
Kasahara, K. *see* Numai, T. 3665
Kasahara, K. *see* Numai, T. 12193
Kasahara, K. *see* Yamanaka, Y. 43380
Kasahara, M. *see* Inaba, H. 15253
Kasahara, M. *see* Inaba, H. 30187
Kasahara, M. *see* Inaba, H. 44741
Kasahara, M. *see* Sakai, R. 29432
Kasahara, M. *see* Sakai, R. 36579
Kasahara, S., Takine, T., Takahashi, Y., Hasegawa, T. Analysis of an SPP/G/1 system with multiple vacations and E-limited service discipline 9387
Kasahara, S. *see* Yabe, Y. 31357
Kasahara, Y. *see* Kimura, I. 47250
Kasahara, Y. *see* Takeuchi, K. 38670
Kasai, A. *see* Wada, S. 20682
Kasai, A. *see* Wada, S. 35986
Kasai, H., Jimbo, Y., Miyauchi, M. NTT begins phase II of VI&P comprehensive experiments - for enhanced multimedia services toward the 21st century 37247
Kasai, H. *see* Nalwa, H.S. 26391
Kasai, K. *see* Bove, P. 43016
Kasai, N. *see* Sugibayashi, T. 26919
Kasai, N. *see* Sugibayashi, T. 26954
Kasama, K. *see* Itani, T. 11083
Kasama, K. *see* Tounai, K. 27808
Kasama, K. *see* Yamanaka, K. 2332
Kasama, M. *see* Hanaoka, R. 2730
Kasama, M. *see* Hanaoka, R. 25498
Kasama, N. *see* Iwaki, T. 13512
Kasamatsu, N. *see* Kawata, H. 2282
Kasamatsu, T. *see* Masakawa, T. 39681
Kasami, T., Takata, T., Fujiwara, T., Lin, S. On structural complexity of the L-section minimal trellis diagrams for binary linear block codes 21596
Kasami, T. *see* Higuchi, M. 22364
Kasami, T. *see* Ishihara, Y. 30222
Kasami, T. *see* Takata, T. 21611
Kasamura, H. *see* Ikeda, S. 6273
Kasanami, T. *see* Kadota, M. 2750
Kasap, S.O., Mirchandani, V. Method and apparatus for thermoacoustimetry: applications to polymers and glasses 18367
Kasatkin, A.P. *see* Tetel'baum, D.I. 34877
Kasatkin, I.L. *see* Chishko, V.F. 11847
Kasaya, K., Kondo, Y., Okamoto, M., Mitomi, O., Naganuma, M. Monolithically integrated DBR lasers with simple tapered waveguide for low-loss fibre coupling 11893
Kasaya, K. *see* Yasaka, H. 45965
Kasbi, C. *see* Dien, Y. 39758
Kascak, T.J. *see* Toncich, S.S. 27136
Kasdepke, T., ter Haseborg, J.L. A method for measuring the primary line parameters of multiconductor transmission lines 36297
Kasdin, N.J., Walter, T. Discrete simulation of power law noise [for oscillator stability evaluation] 18515
Kase, M., Kikuchi, Y., Kimura, M., Mori, H., Liebert, R.B. Defects produced in Si p^+n diodes by B^+ implantation at liquid nitrogen temperature or −60°C 42848
Kase, M. *see* Nakagawa, T. 7112
Kase, M. *see* Okamura, H. 31623
Kase, T. *see* Fukushima, S. 33159
Kaseff, C. *see* Lin, T.-T.Y. 17906
Kasemset, D. *see* Ackerman, E. 23033
Kasezawa, T., Shinohara, T., Nakai, T., Nishida, M., Murakami, T. HDTV digital transmission through satellite channel 31010
Kasezawa, T. *see* Nakai, T. 38272
Kash, J.A. Carrier-carrier scattering: an experimental comparison of bulk GaAs and GaAs/$Al_xGa_{1-x}As$ quantum wells 27522
Kash, J.A. *see* Pezeshki, B. 22713
Kash, K. *see* Caneau, C. 703
Kashai, Y. *see* Cohen, E. 26989
Kashara, K. *see* Ujiie, M. 45551
Kashchenko, S.A. *see* Grigorieva, E.V. 43855
Kasherininov, P.G., Kichaev, A.V., Khartsiev, V.E., Kuzmin, S.L., Yaroshetskii, I.D. Light-controlled optical switching devices based on high-resistivity semiconductor structures 11832
Kasherininov, P.G., Kichaev, A.V., Kuzmin, S.L., Mezdrogina, M.M., Yaroshetskii, I.D. Fast nonlinear-optics media based on heterostructures of electrooptical-nonelectrooptical crystals (CdTe-α-Si) 11558
Kasherininov, P.G., Kichaev, A.V., Kuzmin, S.L., Yaroshetskii, I.D. Semiconductor light detector with optical control of the photosensitive region 15002
Kasherininov, P.G., Kichaev, A.V., Yaroshetskii, I.D. Distribution of electric field strength in illuminated resistive metal/tunneling insulator/semiconductor/tunneling insulator/metal structures 34644
Kasherininov, P.G. *see* Kichaev, A.V. 38519
Kashevarov, V.L., Pavlyuchenko, L.N., Sokol, G.A. Detection of relativistic electrons using a silicon avalanche detector based on MRS-structure 38871
Kashevarov, V.L., Pavlyuchenko, L.N., Sokol, G.A. Investigation of the radiation resistance of a silicon avalanche detector based on MRS-structure 38872
Kashevarov, V.L., Pavlyuchenko, L.N., Sokol, G.A., Sidorin, S.S. High-sensitive X-ray detector 47022
Kashevarov, V.L. *see* Zalesskii, V.B. 31682
Kashida, M. *see* Enari, M. 38293
Kashida, M. *see* Seo, K. 31007
Kashigin, S. *see* Dierickx, B. 24001
Kashikhin, V.S. *see* Ananiev, S.M. 15680
Kashima, H. *see* Mozume, T. 33598
Kashima, H. *see* Qi Ming 26441
Kashima, K. *see* Mochizuki, K. 35335
Kashima, N., Kokubun, T., Yamamoto, Y. Construction of operation platform for optical subscriber cable network using object-oriented design 37643
Kashima, S. *see* Kimura, S. 26880
Kashimoto, T., Takahashi, S. Improvement of convergence speed in adaptive filter by multirate processing 29654
Kashimura, M. *see* Uenoyama, T. 29725
Kashin, P. *see* Gordon, J.M. 43600
Kashio, J. *see* Nakayashiki, S. 14113
Kashioka, J. *see* Ohya, A. 24217
Kashiwa, M. *see* Otoki, Y. 2568
Kashiwa, T., Tanaka, S., Fukai, I. Time domain analysis of Yagi-Uda antennas in three-dimensional space using the TD-FD method 4254
Kashiwa, T., Tanaka, S., Fukai, I. Time domain analysis of Yagi-Uda antennas using the FD-TD method 21450
Kashiwa, T. *see* Katoh, T. 1525
Kashiwa, T. *see* Maeda, S. 19193
Kashiwa, T. *see* Takagi, T. 34283
Kashiwabara, T. *see* Abe, M. 33804
Kashiwabuchi, K. *see* Furukawa, I. 31153
Kashiwada, T. *see* Onishi, M. 38008
Kashiwada, T. *see* Shigematsu, M. 30754
Kashiwagi, H. M-sequence and its applications 44740
Kashiwagi, H. *see* Tomomitsu, H. 21682
Kashiwagi, M. *see* Mizushima, I. 42647
Kashiwagi, T. Mobilecom equipment spurs progress in measuring instruments, techniques 37872
Kashiwagi, T., Seike, T., Akada, M., Futagami, Y. MS8604A digital mobile radio transmitter tester 37830
Kashiwagi, T. *see* Fujikake, H. 48468
Kashiwagi, Y., Harada, T., Saeki, M., Kamata, Y. A shielded high resistance reference voltage divider for switching impulse voltage measurements 15157
Kashiwagi, Y., Harada, T., Saeki, M., Wakimoto, T., Kamata, Y. Evaluation of error on measuring systems for high voltage impulses and their comparison measurements 39683
Kashiwagi, Y. *see* Kono, N. 18270
Kashiwagi, Y. *see* Wakimoto, T. 39682
Kashiwase, T. *see* Arimoto, Y. 14571
Kashiwazaki, N., Yamana, M. Electrochromism of iodized Yb-diphthalocyanine polymer film 15130
Kashiya, V.G. *see* Kalandarishvili, A.G. 48149
Kashko, A. *see* Wherrett, B.S. 11740
Kashu, S. *see* Oda, M. 874
Kashyap, R. *see* Chernikov, S.V. 3759
Kashyap, R. *see* Chernikov, S.V. 12084
Kashyap, R. *see* Chernikov, S.V. 43388
Kashyap, R. *see* Williams, D.L. 35918
Kashyap, R.L. *see* Satish, A. 21848
Kashyap, S., Louie, A., Mishra, S., Larose, C. RCS of structures with apertures and slots 46033
Kasi Viswanath, A., Hiruma, K., Yazawa, M., Ogawa, K., Katsuyama, T. MOCVD growth and ultrafast photoluminescence in GaAs and InAs freestanding quantum whiskers—a review 26458
Kasinski, J. *see* Burnham, R. 20715
Kasjanov, G.P., Germanchuk, T.F. Microprocessor-based real-time fault detection system raise speed 8030
Kaski, K. *see* Elo, P. 7456
Kaski, K. *see* Gustafsson, J. 6980
Kaski, K. *see* Gustafsson, J. 46790
Kaski, K. *see* Raittinen, H. 4845
Kaski, K.K. *see* Ojala, P.K. 11248
Kasko, I. *see* Dehm, C. 27583
Kasko, I. *see* Kal, S. 34672
Kaskowitz, M., Lipman, J. Embedded control with the ARM processor family 26976
Kaskowitz, R.A. *see* Hanna, W.A. 18569
Kasody, R.E. *see* Huei Wang 34274
Kasovsky, L. *see* Barry, C. 30392
Kasowski, R.V. *see* Tsai, M.-H. 19596
Kaspar, B. The role of AI in speech recognition: a critical review 36629
Kaspar, H. *see* Muller, U. 46907
Kasparian, J.J. *see* Morrison, I.S. 45880
Kasparis, T. Adaptive mixed-rank filters 13519
Kasparis, T., Lane, J. Suppression of impulsive disturbances from audio signals 14837
Kasparis, T., Lane, J. Adaptive scratch noise filtering 38367
Kasper, E. *see* Engvall, J. 19387
Kasper, E. *see* Gruhle, A. 19793

Kasper, E. *see* Jorke, H. 1881
Kasper, E. *see* Splett, A. 38521
Kasper, G., Jurcik, B., Li, D.Y.-E., McAndrew, J., Hwai-Chi Wang Gas purity in a dynamic distribution system 1998
Kasper, K., Reininger, H., Wolf, D. Phoneme based isolated word recognition using neural networks for prediction and classification 13133
Kasper, M. Optimization of FEM models by stochastic methods [magnetostatic problems] 3979
Kasperkovitz, P. *see* Ausserlechner, U. 38484
Kasperovich, A.N. About performance of analog-to-digital converters 27015
Kasperski, E. *see* Fatehpuria, K.K. 32728
Kaspi, R. *see* Evans, K.R. 26421
Kasprowicz, A. *see* Kazmierkowski, M.P. 8853
Kasprowicz, A. *see* Kazmierkowski, M.P. 47878
Kasprzak, A. *see* Grzech, A. 30526
Kasprzak, H., Sultanova, N. Simple holographic interferometric method of investigating the Poisson coefficient and elasticity moduli 44157
Kassam, S.A. *see* Himayat, N. 13212
Kassam, S.A. *see* Kozick, R.J. 44913
Kassapakis, K. *see* Bakouris, M.G. 13978
Kassidas, P. *see* Dilworth, I.J. 38156
Kassighian, A. *see* Krawczyk, R. 24467
Kassim, N.E., Perley, R.A., Erickson, W.C., Dwarakanath, K.S. Subarcminute resolution imaging of radio sources at 74 MHz with the Very Large Array 46150
Kassiouras, C. *see* Healy, P. 40996
Kassis, S.Y. *see* Klein, L.A. 24577
Kassmi, K., Oms, F., Rossel, P., Tranduc, H. Performance in RF power MOSFET's amplifier for GSM radiotelephony 26731
Kassmi, K., Rossel, P., Tranduc, H., Oms, F. Study and modeling of dynamic properties of UHF power MOS transistors 35010
Kassner, M.E. *see* Rosen, R.S. 28581
Kasstan, B.J. *see* Fullett, K.D. 7520
Kast, B.A. *see* Yee, M. 30108
Kastalsky, A., Bhat, R., Cho, A.Y., Sivco, D.L. New transport phenomena in a ballistic heterostructure field-effect transistor 11256
Kastella, K. A maximum likelihood estimator for report-to-track association 29631
Kasten, P.R., Kerr, H. Research and development requirements of Gas-Turbine Modular High-temperature Gas-Cooled Reactors 39840
Kasting, J. *see* Orlik, B. 9024
Kastner, R., Twig, Y. An "add-on" analysis of large open circular-cylindrical cavities 44333
Kastner, R. *see* Pereyaslavets, M.L. 34220
Kastner, R. *see* Twig, Y. 36139
Kasture, D.G. *see* Turner, N.H. 43201
Kasturirangan, K., Pal, S., Agarwal, B.L., Rajangam, R.K. Spacecraft electronics 32035
Kasturirangan, K. *see* Marar, T.M.K. 47018
Kasuga, M., Fukai, I., Amano, M., Kumoyama, K. Remote sensing of induced electric current in melt for magnetic Czochralski crystal growth 6739
Kasuga, M. *see* Uchiyama, H. 14460
Kasuga, M. *see* Uchiyama, H. 14505
Kasuga, T. *see* Kikutani, E. 7000
Kasuga, T. *see* Tamura, K. 23979
Kasugai, T. *see* Ebihara, D. 8724
Kasukawa, A., Namegaya, T., Fukushima, T., Iwai, N., Kikuta, T. 1.3 μm $InAs_yP_{1-y}$-InP strained-layer quantum-well laser diodes grown by metalorganic chemical vapor deposition 12106
Kasukawa, A., Namegaya, T., Ikegami, Y., Tsukiji, N., Kikuta, T. 360 mW operation of 1.48 μm GaInAsP/InP GRIN-SCH strained MQW lasers 35896
Kasukawa, A., Namegaya, T., Iwai, N., Yamanaka, N., Ikegami, Y., Tsukiji, N. Extremely high power 1.48 μm GaInAsP/InP GRIN-SCH strained MQW lasers 35881
Kasukawa, A. *see* Fukushima, T. 12107
Kasukawa, A. *see* Fukushima, T. 20797
Kasukawa, A. *see* Fukushima, T. 28860
Kasukawa, A. *see* Matsumoto, N. 35898
Kasukawa, A. *see* Namegaya, T. 12184
Kasuya, H. Significance of suitability assessment in speech synthesis applications 21685
Kasuya, K., Horioka, K., Miyoshi, T., Nakata, K., Miyai, Y., Kawakita, Y., Ohshita, E. Highly sensitive diagnostics of particle density relaxation process in KrF laser 20631
Kasuya, K. *see* Kanzawa, H. 11945
Kasuya, T. *see* Akiyama, M. 47649
Kasuya, Y., Takahashi, Y., Uno, Y., Iguchi, Y., Kanamori, T. Planarized copper-polyimide thin-film multilayer substrate 17857
Kas'yanov, V.A., Sen'tan, U. Adaptive conditional filtering of discrete random processes for parametric a-priori indeterminacy 4628
Kaszczyszyn, S., Grzeszczak, A. Application of the channel electron multiplier to the unipole mass spectrometer 27442
Kaszkurewicz, E., Bhaya, A. On a class of globally stable neural circuits 42125
Kasztenny, B. Fuzzy sets theory in decision making digital protection system 16154
Kasztenny, B. Artificial neural networks in automatic power system protection—applicability 47578
Kat-Hung Lam, Choi, A. Geometric object reconstruction from ray-sum data 13697
Kata, K. *see* Shimada, Y. 9248
Katada, F. *see* Yoshida, H. 6274
Katada, K. *see* Hasegawa, J. 15813
Katada, M. *see* Yamaguchi, M. 19229
Katada, T. *see* Tanaka, S. 6326
Kataev, M.Yu., Mitsel, A.A. One method for experimental data differentiation 26267
Katafuchi, T., Fujita, H., Uehara, T., Nishimura, T. Development of a computer-aided diagnostic system for cardiac nuclear medicine using multi-neural networks 38967
Katagata, Z. Application of PC-LAN 22629
Katagi, T. *see* Chiba, I. 29369
Katagi, T. *see* Matsuki, J. 8337
Katagi, T. *see* Miyashita, H. 29386
Katagi, T. *see* Sunahara, Y. 21234
Katagiri, A. *see* Ishizaki, A. 25404
Katagiri, E. *see* Yamamoto, H. 11457
Katagiri, M. *see* Ara, K. 38745
Katagiri, S., Moriyama, S., Terasawa, T. Novel alignment technique for 0.1−μm lithography using the wafer rear surface and canceling tilt effect 11028
Katagiri, S., Moriyama, S., Terasawa, T. Overlay error estimation of wafer rear surface alignment for 0.1-μm lithography 27876
Katagiri, S. *see* Seya, E. 31426
Katagiri, T., Kondoh, E., Takeyasu, N., Nakano, T., Yamamoto, H., Ohta, T. Metalorganic chemical vapor deposition of aluminum-copper alloy films 2218
Katagiri, T., Koyamada, Y. Non-blocking 100×100 optomechanical matrix switch 5863
Katagiri, T., Tachikura, M., Kobayashi, H. A construction method for non-blocking, large matrix-size optomechanical switch 22743
Katagiri, T. *see* Miyatake, M. 31053
Katagiri, T. *see* Tachikura, M. 30814
Katagiri, T. *see* Takeyasu, N. 42758
Katagiri, Y. *see* Ukita, H. 20264
Katagiri Shigeru *see* Shigeru Katagiri
Katagishi, K., Singer, H., Aikawa, K., Sagayama, S. Linear filtering of a feature vector sequence for speech recognition 4559
Katagishi, K., Singer, H., Aikawa, K., Sagayama, S. Feature extraction using a matrix coefficient filter for speech recognition 29506
Katahira, Y. *see* Noborio, H. 13692
Katai, A. *see* Sury, M. 37903
Katai, O. *see* Ida, M. 9436
Katakai, R. *see* Yoshida, M. 7267
Katakami, K. *see* Oshida, K. 19311
Katakura, K., Okujima, M. Method for ultrasonic flow vector measurement 16081
Katakwar, S.N. *see* Ragit, C.S. 7884
Katalev, V.V., Kovalev, S.S., Kudryavtsev, V.G., Sulygin, I.I. The 200 MHz accelerating structure for UNK 15461
Kataoka, H. *see* Takahashi, H. 33729
Kataoka, K., Kawate, K., Nishikawa, J. C&C hotel communication system 14350
Kataoka, K. *see* Teruyama, H. 40107
Kataoka, N. *see* Kobayashi, N. 35217
Kataoka, N. *see* Shima, T. 43257
Kataoka, N. *see* Suzuki, M. 36050
Kataoka, T., Miyamoto, Y., Hagimoto, K., Kawachi, M. Transmission characteristics of DPSK-DD optical transmission systems using non-zero dispersion fiber 38115
Kataoka, T., Sato, Y., Bendiabdellah, A. A novel volts/hertz control method for an induction motor to improve the torque characteristics in the low speed range 8420
Kataoka, T., Toda, S., Sato, Y. On-line estimation of induction motor parameters by extended Kalman filter 17457
Kataoka, T. *see* Dahono, P.A. 25530
Kataoka, T. *see* Hagimoto, K. 28522
Kataoka, T. *see* Mori, Y. 15202
Kataoka, T. *see* Mori, Y. 34727
Kataoka, T. *see* Nishikata, S. 16815
Kataoka, T. *see* Sato, Y. 8636
Kataoka, T. *see* Sato, Y. 47961
Kataoka, T. *see* Wakita, K. 35456
Kataoka, T. *see* Yamaguchi, H. 25508
Kataoka, Y. *see* Hori, M. 17524
Kataoka, Y. *see* Morohashi, S. 2903
Kataoka, Y. *see* Terashima, M. 16839
Kataoka, Y. *see* Yatsui, K. 20952
Kataria, D.O. *see* Sinha, A.K. 24117
Kataria, D.O. *see* Sinha, A.K. 31800
Kataura, H. *see* Yanagi, H. 25703
Katayama, A., Hasegawa, H., Ohgawara, M., Inoue, T. 24 kV cubicle glass-insulated switchgear 25572
Katayama, H. *see* Miyamoto, Y. 33918
Katayama, H. *see* Nakayama, J. 20431
Katayama, I. *see* Tanabe, T. 7062
Katayama, K., Shimura, F. Noncontact characterization for ultraviolet light irradiation effect on Si-SiO_2 interface 10782
Katayama, M. *see* Miyamoto, S. 29420
Katayama, M. *see* Miyamoto, S. 45762
Katayama, M. *see* Nakayama, T. 33657
Katayama, M. *see* Shibata, T. 5183
Katayama, M. *see* Tokuda, Y. 1847
Katayama, N. *see* Alexander, J.P. 24110
Katayama, N. *see* Alexander, J.P. 46860
Katayama, R. *see* Iwanaga, T. 23345
Katayama, R. *see* Nagano, T. 20261
Katayama, T. Beam experiments at cooler synchrotron TARN II 23957
Katayama, T., Watanabe, S., Watanabe, T., Yoshizawa, M., Kanazawa, M., Satho, K., Ninomiya, S. Beam acceleration at cooler synchrotron TARN II 6901
Katayama, T., Yoshizawa, M., Watanabe, S.-I., Watanabe, T., Itano, A., Kanazawa, M., Sato, K., Ninomiya, S. RF acceleration system at cooler-synchrotron TARN II 15317
Katayama, T. *see* Tanabe, T. 7062
Katayama, Y. Process technologies for three-dimensional optoelectronic integrated circuits 3378
Katayama, Y. *see* Morishita, Y. 41271
Katayama, Y. *see* Nomura, Y. 41289
Katayama-Yoshida, H. *see* Orita, N. 27672
Katayanagi, I. *see* Taji, T. 14133
Kateb, D., Drouiche, K. The Stromberg wavelet and the Franklin system 44983
Kateb, M.M.El *see* El Kateb, M.M.
Katehi, L. *see* Dib, N. 1625
Katehi, L.P. *see* Robertson, S.V. 27291
Katehi, L.P. *see* Weller, T.M. 1438
Katehi, L.P.B., Rebeiz, G.M., Weller, T.M., Drayton, R.F., Cheng, H.J., Whitaker, J.F. Micromachined circuits for millimeter- and submillimeter-wave applications 19102
Katehi, L.P.B. *see* Dib, N.I. 4215
Katehi, L.P.B. *see* Dib, N.I. 10392
Katehi, L.P.B. *see* Dib, N.I. 21349
Katehi, L.P.B. *see* Drayton, R.F. 27267
Katehi, L.P.B. *see* Engel, A.G., Jr. 1439
Katehi, L.P.B. *see* Engel, A.G., Jr. 21322
Katehi, L.P.B. *see* Rautio, J.C. 21377
Katehi, L.P.B. *see* Sabetfakhri, K. 4182
Katehi, L.P.B. *see* van Deventer, T.E. 33407
Katehi, P.B. *see* Weller, T.M. 42131
Katerle, A. *see* Zou, F. 27112
Kates, J. *see* Levitt, H. 24352
Kates, J.M. Superdirective arrays for hearing aids 15915
Kates, J.M. Accurate tuning curves in a cochlear model 44829
Kather, A. *see* Heiermann, G. 39896
Kather, A. *see* Lemoine, J. 39960
Kathiresan, K., Panuska, A.J., Shea, J.W., Ficke, W.H., Santana, M.R., Taylor, C.R., Carlton, L.T. A fiber-optic cable for hostile environments 14589
Kathiresan, K. *see* Hardwick, N.E., III 6022
Kathirgamanathan, P. Ultrasound-assisted impregnation of barium titanate into microporous polyethylene membranes for the production of highly dielectric films 785
Kathirgamanathan, P. Ultrasound-assisted electroless deposition of copper onto and into microporous membranes for electromagnetic shielding 41408
Katic, V., Dapcevic, D., Vuckovic, V. AC/DC converter line side harmonics in transient and steady state 17084
Katic, V., Dapcevic, D., Vuckovic, V. Comparison of transient and steady state DC motor drive network harmonics 40537
Katic, V.A., Dapcevic, D., Vuckovic, V.S. The analysis of AC/DC converter harmonics in transient state 8573
Katilius, R. *see* Bareikis, V. 19359
Katis, N.H. *see* Dahlgren, R.P. 35330
Katiyar, M., Feng, Y.H., Maley, N., Abelson, J.R. Real time infrared reflectance spectroscopy: a study of hydrogen incorporation and release during a-Si:H growth by reactive magnetron sputtering 41418
Katiyar, M. *see* Feng, G.F. 9784
Katkoori, S. *see* Bhatia, D. 43078
Katkov, A.S. *see* Zelikman, M.A. 2894
Katkov, V.F. *see* Mekekechko, A.Yu. 6647
Katkov, V.M. *see* Baier, V.N. 31614
Katnani, A. *see* Sachdev, H. 28046
Katnani, A. *see* Sachdev, H.S. 28047
Kato, A., Esaki, Y., Hattori, M., Naito, S., Nanjo, F., Nishiura, M. 1 kW generation test of MOLB type SOFC 17286
Kato, A. *see* Ito, K. 7478
Kato, A. *see* Nakata, H. 33076
Kato, A. *see* Nogami, M. 2189
Kato, C. *see* Hirakawa, T. 17858
Kato, E. *see* Okuyama, H. 43839
Kato, E. *see* Sasaoka, H. 14482
Kato, E. *see* Sasaoka, H. 30632
Kato, F., Iwasaki, H. Synthesis of symmetrical double-barrier structures and analysis of their resonant tunneling characteristics 11107
Kato, H. CCD image sensor test using cellular automaton-type pattern recognition system 6561
Kato, H., Ishida, T. Present and future status of noninvasive selective deep heating using RF in hyperthermia 7467
Kato, H., Jinna, J., Hanaoka, T., Yamaguchi, M. Automatic balancing apparatus using ultrasonic motor 33350
Kato, H., Miyashita, Y. Recent development in microanalysis of crosslinked polyethylene [cable insulation] 24970
Kato, H. *see* Katsuta, G. 24969
Kato, H. *see* Kawabata, S. 45902

Kato, H. *see* Kawahigashi, M. 43192
Kato, H. *see* Suzuki, A. 10173
Kato, J., Fujita, K., Tanaka, T., Shizawa, M., Furutani, R., Ozono, S. A real-time profile restoration method from fringe patterns using digital phase-locked loop: improvement of the accuracy and its application to profile measurement of optical surface 20499
Kato, J., Yamaguchi, I. Displacement sensor using optical feedback of a laser diode 6809
Kato, K., Itoh, T., Atoda, N. A new optical heterodyne alignment and gap detection technique for X-ray steppers 31469
Kato, K., Mori, Y., Uchida, K. Dynamic vision system—an autonomous robot for building maps 4956
Kato, K., Sato, S. Data compression of a Gaussian signal by TP algorithm and its application to the ECG 31935
Kato, K., Suzuki, H., Hori, I. Technological trends in GIS preventive maintenance 25582
Kato, K., Tanaka, K., Tsuru, S., Sakai, S. Multipage display using stacked polymer-dispersed liquid crystal films 11690
Kato, K., Tanaka, K., Tsuru, S., Sakai, S. Color image formation using polymer-dispersed cholesteric liquid crystal 11691
Kato, K. *see* Asai, S. 19231
Kato, K. *see* Elford, R.F. 24987
Kato, K. *see* Fukushima, T. 6502
Kato, K. *see* Himeno, A. 45728
Kato, K. *see* Hirata, Y. 42070
Kato, K. *see* Kawaguchi, T. 25212
Kato, K. *see* Nagase, R. 30574
Kato, K. *see* Nakagawa, Y. 11639
Kato, K. *see* Oda, K. 30722
Kato, K. *see* Oda, K. 30856
Kato, K.G., Crouch, D.D., Sar, D.R., Speciale, R.A., Carlsten, B.E., Fazio, M.V., Kwan, T.J.T., Stringfield, R.M. Experimental results from a J-band relativistic klystron amplifier developmental effort 19304
Kato, M., Ogawa, H. Methodology for economic evaluation of photovoltaic power plant in an isolated island 25277
Kato, M. *see* Heilbronn, B. 24818
Kato, M. *see* Hirata, Y. 43062
Kato, M. *see* Irie, M. 3944
Kato, M. *see* Kuwahara, Y. 46077
Kato, M. *see* Sato, T. 7379
Kato, N. One-touch connectors assure improved operability with flexible printed circuits 34454
Kato, N., Sumi, T., Koyama, M., Sato, T. Prospects for semiconductor devices and trends in mobile communications 37874
Kato, N. *see* Iga, T. 37877
Kato, N. *see* Ito, A. 18258
Kato, N. *see* Morikawa, T. 7208
Kato, N. *see* Shimatani, T. 42924
Kato, S. *see* Kawazoe, K. 45326
Kato, S. *see* Kobayashi, K. 37651
Kato, S. *see* Kubota, S. 4443
Kato, S. *see* Kubota, S. 37773
Kato, S. *see* Maeno, H. 1228
Kato, S. *see* Matsumoto, Y. 30696
Kato, S. *see* Nakamura, T. 7613
Kato, S. *see* Yamagata, Y. 16483
Kato, T. Efficient steady-state analysis method with sensitivities of switch timings by the shooting method 16960
Kato, T., Kanazawa, H., Nagae, H., Mizuno, M. A consideration of the phenomenon of delayed magnetization in magnetic soft iron 43254
Kato, T., Suzuki, M., Furuya, T. Hard magnetic properties on NdFeB system magnet alloy powder by mechanical grinding 11458
Kato, T., Yuuki, F., Tanaka, K., Tanaka, H., Masuda, H., Tanoue, T., Oishi, A., Ito, K., Murakami, K., Teraoka, T. 21 Gbits/s/cm^2 throughput density two-dimensional array optical interconnection construction 3053
Kato, T. *see* Ishii, H. 37215
Kato, T. *see* Kaneko, S. 38096
Kato, T. *see* Nakajima, K. 14772
Kato, T. *see* Ohkura, K. 20219
Kato, T. *see* Saka, T. 23991
Kato, T. *see* Sasaki, T. 3402
Kato, T. *see* Shirasaki, T. 24810
Kato, T. *see* Tsuji, H. 28422
Kato, T. *see* Ueyama, M. 35295
Kato, T. *see* Watanabe, M. 25031
Kato, T. *see* Yamada, N. 20057
Kato, Y., Fukatsu, S., Shiraki, Y. Solid- and gas-source "Hybrid" Si molecular beam epitaxy for a $Si_{1-x}Ge_x$/Si single quantum well electroluminescent device 35592
Kato, Y., Fukatsu, S., Usami, N., Shiraki, Y. Hybrid Si molecular beam epitaxial regrowth for a strained $Si_{1-x}Ge_x$/Si single-quantum-well electroluminescent device 3357
Kato, Y., Fukatsu, S., Usami, N., Shiraki, Y. A $Si_{1-x}Ge_x$/Si single quantum well p-i-n structure grown by solid-source and gas-source 'hybrid' Si molecular beam epitaxy 41366
Kato, Y., Sugiyama, M. Fuzzy partition models and their effect in continuous speech recognition 4487
Kato, Y., Uehara, T., Nakabayashi, T., Miyajima, A., Shinohara, A., Yasuhira, M., Masuda, H., Matsuo, I. 0.5 μm CMOS process technology 35067
Kato, Y., Yamada, Y., Ohira, H., Murakami, T. A vector quantization of wavelet coefficients for super high definition image 30085
Kato, Y. *see* Fukatsu, S. 41363
Kato, Y. *see* Fukuzawa, K. 36587
Kato, Y. *see* Nakajima, K. 7013
Kato, Y. *see* Sagayama, S. 14081
Kato, Y. *see* Tsunemi, H. 11939
Kato, Y. *see* Watanabe, Y. 5664
Katoen, J.-P. A semi-Markov model of a home network access protocol 13913
Katoh, H., Saitoh, T., Takechi, M., Matsumura, H. A digital modulation scheme for digital satellite broadcasting 46181
Katoh, H. *see* Panina, L.V. 43275
Katoh, H. *see* Takayama, K. 43696
Katoh, K., Kobayashi, S. TN LCD offers wide viewing angle 23796
Katoh, K., Motoda, T., Iori, K., Nagaoka, M. Distributed and cooperative processing on client/server computing 30463
Katoh, K. *see* Arai, R. 20278
Katoh, K. *see* Sugiyama, T. 20413
Katoh, K. *see* Watabe, A. 20277
Katoh, M., Aoki, M., Kawarada, H. Plasma-enhanced diamond nucleation on Si 33702
Katoh, M. *see* Kaneko, Y. 20762
Katoh, M. *see* Kobayashi, Y. 31407
Katoh, N. *see* Dai, Y. 41090
Katoh, N. *see* Yoshii, K. 38359
Katoh, T., Hayami, A., Harata, Y., Satoh, K., Shimano, T., Furumoto, K., Sasaki, T. Variation of organ doses with tube potential and total filtration in dental radiography 15940
Katoh, T., Yoshida, N., Minami, H., Kashiwa, T., Orisaka, S. A 60 GHz-band ultra low noise planar-doped HEMT 1525
Katoh, T. *see* Makino, M. 48287
Katoh, T. *see* Nakao, Y. 11336
Katoh, Y., Kunii, T., Matsui, Y., Wada, H., Kamijoh, T., Kawai, Y. DBR laser array for WDM system 20769
Katoh, Y. *see* Sugimoto, N. 3234
Katoh, Y. *see* Tomonaga, H. 22731
Katok, V.B., Levchenko, G.P. A method of taking the spectral characteristics of the laser emission into account in an optical-fiber transmission system 30816
Katok, V.B., Levchenko, G.P., Gavrilyuk, V.G., Bazakutsa, P.V., Frolov, G.V. An attenuator for an optical fiber transmission system line channel 30817
Katok, V.B., Naumenko, K.P. Grouping of fiber lightguides during assembly of face-to-face lengths of optical cables 14586
Katoku, T. *see* Himeno, T. 14856
Katona, L. *see* Dogaru, I. 25764
Katona, L. *see* Lemnean, N. 17410
Katonax, L. *see* Diaconescu, M. 25799
Katoozi, M. IEEE P1149.4: mixed-signal test bus 42087
Katoozi, M. *see* Gossett, C.A. 34070
Katopis, G. *see* Downing, R. 19172
Katorgi, M. *see* Lemay, M.A. 15920
Katori, K. *see* Tanaka, M. 31640
Katou, Y. *see* Takahashi, M. 42449
Katou, Y. *see* Ueyama, T. 5819
Katragadda, P., Bhattacharya, S., Grosse, I.R. A computer-aided tool for multichip module package design 40960
Katrich, V.A. *see* Zhironkina, A.V. 36316
Katris, J.S. *see* Alexander, J.P. 24110
Katris, J.S. *see* Alexander, J.P. 46860
Kats, V.D., Finkelshtein, A.B., Bankov, V.N. Group phase weighting of unidirectional interdigital transducers with internal reflecting structures 35203
Katsaggelos, A.K. *see* Banham, M.R. 22278
Katsaggelos, A.K. *see* Brailean, J.C. 13821
Katsaggelos, A.K. *see* Brailean, J.C. 22280
Katsaggelos, A.K. *see* Brailean, J.C. 29954
Katsaggelos, A.K. *see* Chan, C.L. 29955
Katsaggelos, A.K. *see* Chan, C.L. 31842
Katsaggelos, A.K. *see* Efstratiadis, S.N. 13820
Katsaggelos, A.K. *see* Moon Gi Kang 36817
Katsaggelos, A.K. *see* Mun Gi Choi 36823
Katsaggelos, A.K. *see* Orchard, M.T. 45075
Katsaggelos, A.K. *see* Ozcelik, T. 36818
Katsaggelos, A.K. *see* Yang, Y. 29963
Katsaggelos, A.K. *see* Yongyi Yang 37015
Katsanevas, S. *see* Adam, W. 46929
Katsaros, A. Reliable communications—the use of error control coding 44746
Katsavos, P., Varadharajan, V. Security protocol for frame relay 22336
Katsavounidis, I., Kuo, C.-C.J. A recursive multiscale error-diffusion technique for digital halftoning 29961
Katschinski, U., Schutte, A., Salge, J.G.H. Development of optically triggered semiconductor switches for the generation of high power pulses 28630
Katseff, H.P., Gaglianello, R.D., London, T.B., Robinson, B.S. Communications-intensive workstations 22546
Katsenelenbaum, B.Z. Nonapproximable diagrams and nonradiating currents 29279
Katsenelenbaum, B.Z. *see* Voytovich, N.I. 44542
Katserka, Ya., Ostal'chik, P. Direct-current motor with improved dynamics under load 33093
Katsman, A. *see* Klinger, L. 27774
Katsman, G.L. *see* Zinoviev, V.A. 29469
Katsman, V. *see* Wang, M.R. 3190
Katsnel'son, S.S. *see* Zheleznyi, V.B. 21185
Katsoufis, E. *see* Adam, W. 46929
Katsoulis, B.D. An estimation of wind energy along the Greek coasts and islands 39715
Katsu, I. *see* Oda, M. 874
Katsu, K. *see* Saito, T. 19170
Katsu, T., Washio, H., Tonomura, Y., Hisamatsu, T., Saga, T., Matsutani, T., Suzuki, A., Yamamoto, Y., Matsuda, S. High efficiency silicon solar cells for space use 24442
Katsuda, S. *see* Kawasaki, S. 2805
Katsuda, T. *see* Nakagawa, K. 3554
Katsueda, M. *see* Yoshida, I. 19077
Katsukawa, H. *see* Yamagata, Y. 16483
Katsukawa, K. *see* Hasegawa, H. 1516
Katsuki, A. *see* Harada, K. 33876
Katsuki, A. *see* Harada, K. 34285
Katsuki, K. *see* Kanazawa, M. 15457
Katsuki, M. *see* Goromaru, T. 38434
Katsuki, S., Akiyama, H., Yamada, T., Eguchi, N., Maeda, S., Sato, K.N. Railgun using plasma initiation separated from the projectile 36126
Katsuma, H., Sato, K. Electronic display system using LCD, laser diode, and holography camera 29056
Katsumata, K. *see* Ito, K. 14345
Katsumata, M., Kokubun, Y., Watanabe, T., Nakata, H., Ohyama, M. An enhanced electronic mail system 30355
Katsumata, M., Yamanashi, H., Ushijima, H. EMI application of highly conductive plastic composite using vapor-grown carbon fibers (VGCF) 21272
Katsumata, M., Yamanashi, H., Ushijima, H., Endo, M. Application of electroconductive composite using vapor-grown carbon fiber to EMI shielding material 12624
Katsumata, M. *see* Ishikawa, T. 35035
Katsumata, S., Yugo, S. New method for selective growth of diamonds by microwave plasma chemical vapour deposition 33741
Katsumata, T. *see* Saito, Y. 2605
Katsumata, Y. *see* Iinuma, T. 11297
Katsumata, Y. *see* Inou, K. 11299
Katsumata, Y. *see* Itoh, N. 11298
Katsumata, Y. *see* Saito, M. 34957
Katsumi, R. *see* Namegaya, T. 12184
Katsumoto, M. *see* Kodama, N. 2802
Katsumoto, M. *see* Kodama, N. 20147
Katsumoto, M. *see* Kodama, N. 43303
Katsuno, H. *see* Udono, H. 33682
Katsuno, M. *see* Futagi, T. 3355
Katsura, H. Evolution of lighting: from quantity to quality 8976
Katsura, T., Kamiya, Y., Araki, A., Nakamura, H., Fujita, Y. Variation of the circumference in a storage ring and expansion of the building 6937
Katsura, T. *see* Kikutani, E. 7000
Katsuragi, S. *see* Ohkubo, K. 14017
Katsurashima, W., Kitayama, Y., Oishi, K., Kakuta, T., Akasaka, N. Microbending loss of thin coating single mode fiber for ultra-high-count cable 5995
Katsurashima, W. *see* Akasaka, N. 5917
Katsuta, G., Shimomura, T., Yoshihisa, M., Kondo, K., Kawahigashi, M., Kato, H. Study on molded joint by curable PE block insulation for XLPE cable 24969
Katsuta, G., Suzuki, H., Eshima, H., Endoh, T. Discrimination of partial discharge from noise in XLPE cable lines using a neural network 24966
Katsuta, G. *see* Ohata, K. 39602
Katsuta, Y., Kawakami, H. Bifurcations of periodic solutions in nonlinear nonautonomous system with symmetry 26666
Katsuta, Y., Kawakami, H. Bifurcations of equilibria and periodic solutions in a nonlinear autonomous system with symmetry 41185
Katsuyama, A. *see* Hashimoto, K. 42794
Katsuyama, T. *see* Hashimoto, J. 12175
Katsuyama, T. *see* Hiruma, K. 18150
Katsuyama, T. *see* Kasi Viswanath, A. 26458
Katsuyama, Y., Takato, N. Survivable optical fiber architecture employing ultra-wavelength-insensitive switch and coupler 45957
Kattelus, H., Ylilammi, M., Salmi, J., Ranta-Aho, T., Nykanen, E., Suni, I. Electrical properties of tantalum based composite oxide films 9671
Kattenbach, R., Fruchting, H. Measuring bit errors, clock errors and their burst characteristics in mobile communication systems 45843
Kattenbach, R. *see* Bode, F.-W! 37819
Katti, R. Comments on "Decomposition of Complex Multipliers Using Polynomial Encoding" 41801
Katti, R.R., Dooley, J.A., Meng, A. Partially grooved domain stabilization structures for vertical Bloch line memory 43336
Katto, J. *see* Komatsu, K. 30002
Katuscakova, P. *see* Kapas, M. 6410
Katz, A., Baiocchi, F., Lane, E., Lee, C.H., Hall, C., Doting, J., Grijsbach, C., Harris, K. Au-Sn/W and Au-Sn/Cr metallized chemical vapor

deposited diamond heat sinks for InP laser device applications 20903
Katz, A., Eeingold, A. Rapid thermal low pressure metalorganic chemical vapor deposition of InP and related materials 26424
Katz, A., Feingold, A., El-Roy, A., Moriya, N., Pearton, S.J., Rusby, A., Kovalchick, J., Abernathy, C.R., Geva, M., Lane, E. Another step in developing a single wafer integrated process: rapid thermal low pressure metalorganic chemical vapor deposition of local diffused W(Zn) contacts 42788
Katz, A., Feingold, A., Moriya, N., Nakahara, S., Abernathy, C.R., Pearton, S.J., El-Roy, A., Geva, M., Baiocchi, F.A., Luther, L.C., Lane, E. Growth of InP epitaxial layers by rapid thermal low pressure metalorganic chemical vapor deposition, using tertiarybutylphosphine 9547
Katz, A., Feingold, A., Moriya, N., Pearton, S.J., Geva, M., Baiocchi, F.A., Luther, L.C., Lane, E. Rapid thermal low pressure metalorganic chemical vapor deposition of $In_{0.53}Ga_{0.47}As$ films using tertiarybutylarsine 18136
Katz, A., Feingold, A., Pearton, S.J., Moriya, N., Baiocchi, C.J., Geva, M. Low-temperature rapid thermal low pressure metalorganic chemical vapor deposition of Zn-doped InP layers using tertiarybutylphosphine 9713
Katz, A., Feingold, A., Pearton, S.J., Nakahara, S., Lane, E., Geva, M. Formation of ohmic contacts to InP by means of rapid thermal low pressure (metalorganic) chemical vapor deposition (RT-LPMOCVD) technique 9710
Katz, A., Moochalla, S., Klatskin, J. Passive FET MMIC linearizers for C, X, and Ku-band satellite applications 1593
Katz, A. *see* Feingold, A. 836
Katz, A. *see* Feingold, A. 41480
Katz, A. *see* Lee, C.H. 43878
Katz, A. *see* Lothian, J.R. 42790
Katz, A. *see* Miller, B. 42658
Katz, A. *see* Pearton, S.J. 2043
Katz, A. *see* Pearton, S.J. 2095
Katz, A. *see* Pearton, S.J. 19559
Katz, A. *see* Pearton, S.J. 19620
Katz, A. *see* Pearton, S.J. 42738
Katz, A. *see* Pearton, S.J. 43023
Katz, A. *see* Wisk, P.W. 26417
Katz, A.J. *see* Celii, F.G. 26423
Katz, B.A., Sloan, L., Foster, J., Rogoff, R., Chu, R., Lee, D. I-line lithography for sub-half micron design rules 2331
Katz, E. *see* Willner, I. 46521
Katz, E.A., Evtody, B.N., Sitnikov, A.M., Luk'yanov, A.E., Butylkina, N.A. Hydrogen passivation of microdefects in silicon 27462
Katz, E.A., Luk'yanov, A.E., Butylkina, N.A., Evtody, B.N. Investigation of hydrogen passivation of structural defects in silicon by scanning electron microscopy 27463
Katz, H. TMN addressing—the choices 5374
Katz, H., Speirs-Bridge, A. The information layered architecture model, layers, methodology and their application for service activation 45457
Katz, H.E. *see* Taylor, G.N. 28033
Katz, M. *see* Eger, D. 3765
Katz, P., Sadrian, A., Tendick, P. Telephone companies analyze price quotations with Bellcore's PDSS software 45383
Katz, R. *see* Chiueh, T. 41575
Katz, R.A., Galib, T., Cembrola, J. Application of nontraditional processing methods to transitional and turbulent boundary layer (tbl) flow-noise-induced signals 36671
Katz, R.B. *see* Fusco, M.E. 5417
Katz, R.H. Adaptation and mobility in wireless information systems 37832
Katz, R.H. *see* Keeton, K. 22566
Katz, R.N. Application of silicon nitride based ceramics in the U.S 888
Katzeff, K., Rydbeck, B., Saracco, R. Towards a pan-European TMN—EURESCOM activities 30316
Katzeff, K. *see* Fogarty, K.D. 45378
Katzenellenbogen, N., Grischkowsky, D. An ultra-wideband optoelectronic THz beam system 44181
Katzin, P., Bedard, B., Ayasli, Y. Narrow-band MMIC filters with automatic tuning and Q-factor control 1598
Katzir, A. *see* Barkay, N. 3025
Katzir, A. *see* Barkay, N. 43431
Katzir, A. *see* Belotserkovsky, E. 38531
Katzir, A. *see* Belotserkovsky, E. 46482
Katzir, A. *see* Bunimovich, D. 38731
Katzir, A. *see* Eyal, O. 46660
Katzir, A. *see* Eyal, O. 47117
Kaudel, F.J. *see* Zolfaghari, A. 37169
Kaufel, G. *see* Braunstein, J. 19142
Kaufer, S. *see* Stiehl, W. 41805
Kaufer, S. *see* Stiehl, W. 41868
Kauff, P., Fechter, F. Performance limitations of data-reduced HDTV magnetic tape recording systems 31057
Kauff, P., Rauthenberg, S., Ritter, R., Charatishvili, M., Hahn, M. An improved coding scheme for studio recording of interlaced and progressive HDTV signals 30984
Kauffman, J. *see* Abbott, B. 7245
Kauffman, J.F., Liu, C.S. Simple shutter circuit for protecting microchannel plate photomultipliers from excess light exposure 27109
Kauffman, R. *see* Hawthorne, R.C. 2171
Kauffman, R.J., Wang, Y. Growth patterns and regime change in nationally shared electronic banking networks: an econometric analysis of CIRRUS and PLUS 30518
Kauffman, R.L., Phillion, D.W., Spitzer, R.C. X-ray production ~13 nm from laser-produced plasmas for projection X-ray lithography applications 27810
Kauffman, R.L. *see* Spitzer, R.C. 27991
Kauffmann, J.M. *see* Chamagne, D. 8323
Kauffmann, J.M. *see* Crelerot, O. 8811
Kauffmann, J.M. *see* Glises, R. 8362
Kauffmann, J.M. *see* Miraoui, A. 8446
Kaufhold, F. *see* Hill, G.R. 6051
Kaufman, A.A., Wightman, W.E. A transmission-line model for electrical logging through casing 47230
Kaufman, A.B., Kaufman, E.N. An anatomy of failure: a control system that didn't 41003
Kaufman, D. *see* Hayden, W. 14574
Kaufman, D. *see* Montgomery, J.P. 44626
Kaufman, E.N. *see* Kaufman, A.B. 41003
Kaufman, H. *see* Chapman, J.W. 24689
Kaufman, H. *see* Koch, S. 5029
Kaufman, H.J., Sid-Ahmed, M.A. Hardware considerations and design of IIR filters for real-time filtering of TV signals 10306
Kaufman, J. *see* Smith, K. 18717
Kaufman, J.S., Wong, W.S. Approximate analysis of a Gordon-Newell like non-product-form queueing network 26275
Kaufman, S. Implementing the Canada-United States Free-Trade Agreement: harmonizing fire requirements for cables 5699
Kaufman, W.A. Beam transport of low temperature atomic hydrogen 31617
Kaufman, W.A. *see* Luppov, V.G. 31588
Kaufman, W.A. *see* Phelps, R.A. 38798
Kaufmann, G.H., Kerr, D., Halliwell, N.A. Contrast enhancement of pulsed ESPI addition fringes 23944
Kaufmann, H. *see* Baumberger, W. 45852
Kaufmann, H.H. *see* Henschel, H. 15623
Kaufmann, J.E. *see* Jeromin, L.L. 14564
Kaufmann, L.M.F. *see* Yoffe, G.W. 3187
Kaufmann, M., Mehlhorn, K. A linear-time algorithm for the homotopic routing problem in grid graphs 41607
Kaufmann, R., McFadden, S., Wong, M. Accuracy of colour production on a CRT display as a function of the measurement instrument used for calibration 31354
Kaufmann, S., Chagnon, G. Thermal battery for aircraft emergency power 15967
Kaufmann, W. *see* Dondi, P. 24920
Kaul, A. *see* Christopher, S. 29384
Kaul, I.K. *see* Bhat, C.L. 31793
Kaul, R. *see* Chiang, K.S. 38537
Kaune, W.T., Darby, S.D., Gardner, S.N., Hrubec, Z., Iriye, R.N., Linet, M.S. Development of a protocol for assessing time-weighted-average exposures of young children to power-frequency magnetic fields 39113
Kauppi, I., Seppa, H., Koskinen, K. Sonic localization system using pseudo random noise and cross-correlation technique 15218
Kauppinen, P. *see* Torronen, K. 16500
Kauranen, M., Gaeta, A.L., McKinstrie, C.J. Transverse instabilities of two intersecting laser beams in a nonlinear Kerr medium 21040
Kauranen, P.S., Lund, P.D., Vanhanen, J.P. Development of a self-sufficient solar-hydrogen energy system 16720
Kaushal, R.P., Bedi, J.S. Real time parallel processing of video images on symmetric hypernets 29914
Kaushal, S. *see* Dalal, V.L. 41464
Kaushansky, M.M., Balkey, K.R., Bishop, B.A., Meyer, T.A. The nuclear power plant aging management process 39806
Kaushik, S., Singh, I.P. Reliability analysis of the naphtha fuel oil system in a thermal power plant 32734
Kaushik, S., Singh, I.P. Reliability analysis of the feed water system in a thermal power plant 47756
Kaushik, V., Maniar, P., Campbell, A., Jones, R., Moazzami, R., Mogab, C.J., Hance, R., Pyle, R. Electron microscopy study of the influence of the adhesion layer for Pt electrode on the microstructure of sol-gel crystallized PZT 28339
Kaushik, V. *see* Walczyk, F. 11330
Kaushik, V.S. *see* Sitaram, A.R. 2110
Kaushik Fiete, O.P., Balasubrahmanyam, D., Vyas, K.L. High-rel MIC technology for space 27280
Kautsky, J. *see* Elhay, S. 41152
Kautto, E. *see* Kahkonen, O.-P. 43319
Kavadias, S., Misiakos, K. Three-dimensional simulation of planar semiconductor diodes 11131
Kavadias, S., Misiakos, K., Loukas, D., Haralabidis, N. A silicon pixel detector with integrated amplification devices 7158
Kavakliogiu, K. *see* Eryurek, E. 32609
Kavanagh, K.L., Chang, J.C.P., Sadana, D., Cardone, F. Oxidation and diffusion at poly-SiGe/GaAs interfaces 1907
Kavanagh, K.L. *see* Chin, T.P. 9539
Kavanagh, K.L. *see* Talin, A.A. 11141
Kavanagh, P.B. *see* Germano, G. 15763
Kavanagh, R.C. *see* Moynihan, J.F. 17463
Kavanagh, R.C. *see* Rochford, C. 8348
Kavanaugh, J. *see* Tuttle, G. 43920
Kavaya, M.J. *see* Hawley, J.G. 7602
Kavcar, N., Hyland, M., Hill, R. Morphological, electrical and optical properties of $CuInSe_2$ thin films 27506
Kavchenkov, V.P. *see* Astakhov, Yu.N. 16490
Kaveeshwar, A. The STARSYS data messaging and geographic position determination system 30679
Kaveeshwar, A. The STARSYS data messaging and geopositioning system 45892
Kaveh, M. *see* Pierre, J.W. 23235
Kaveh, M. *see* Simanapalli, S. 29722
Kavehrad, M. *see* Hashemi, H. 45978
Kavehrad, M. *see* Higashi, A. 37824
Kavehrad, M. *see* Jiang, Q. 6034
Kavehrad, M. *see* Jiang, Q. 23007
Kavehrad, M. *see* Moulavi-Kakhki, M. 30777
Kavehrad, M. *see* Quan Jiang 37988
Kavehrad, M. *see* Simova, E.S. 12431
Kavehrad, M. *see* Simova, E.S. 44167
Kavehrad, M. *see* Tayebi, N. 14656
Kavehrad, M. *see* Yun, G. 23014
Kavehrad, M. *see* Zaccarin, D. 37090
Kavehrad, M. *see* Zaccarin, D. 37977
Kaversneva, T.T. *see* Faddeiev, L.P. 47761
Kavi, K.M. *see* Yang, S.-M. 30417
Kaviani, K. *see* Hu, K. 3201
Kaviani, K. *see* Kapre, R.M. 3385
Kawabata, A., Kobayashi, T., Usami, K., Goto, T. Fabrication of $YBa_2Cu_3O_{7-x}$-$PrBa_2Cu_3O_{7-y}$ hetero-structure by using a hollow cathode discharge sputtering system 2896
Kawabata, A. *see* Okada, Y. 772
Kawabata, E. *see* Mizokami, T. 38232
Kawabata, H. *see* Ito, Y. 14344
Kawabata, H. *see* Tsubata, T. 20206
Kawabata, I. *see* Shoki, H. 29342
Kawabata, K. *see* Fujise, M. 37741
Kawabata, K. *see* Furuta, T. 40654
Kawabata, K. *see* Iwasaki, H. 4264
Kawabata, K. *see* Shoki, H. 36407
Kawabata, K. *see* Umemura, S. 15897
Kawabata, K.-i., Umemura, S.-i. Study of efficient sonochemical reaction by focused ultrasound 15716
Kawabata, M., Sato, A., Sumiyoshi, I., Kubota, T. Novel photopolymer system and its application to color hologram 36052
Kawabata, M. *see* Okumura, N. 23336
Kawabata, S., Iida, T., Kawachi, T., Nakamura, S., Hibiya, T., Kato, H., Motoi, A., Suzuki, T., Matsumoto, K., Imura, S. Development of telescience technique for primary stage operations of space station 45902
Kawabata, S., Nukiyama, A. A high-performance 1.8-GHz vector network and spectrum analyzer 38422
Kawabata, S., Sumiyoshi, F., Kawashima, T., Mito, T., Takahata, K., Takano, H. Interstrand coupling effect on losses and current distributions in superconducting cable conductors 47534
Kawabata, T., Koyama, M., Tamai, S., Fujii, T., Uchida, R. A new PWM method of a three-level inverter considering minimum pulse width and neutral voltage balance control 16949
Kawabata, T. *see* Tamai, S. 8570
Kawabata, T. *see* Usui, T. 22938
Kawabata, T. *see* Yamada, T. 44797
Kawabata, Y., Imanishi, S. A study of combinations of quantizations by utilizing correlations in stereo music signals 13281
Kawabe, M. *see* Chun, Y.J. 660
Kawabe, M. *see* Okada, Y. 772
Kawabe, M. *see* Okada, Y. 42476
Kawabe, M. *see* Sugaya, T. 18143
Kawabe, S. *see* Ohnishi, R. 4797
Kawabe, T. *see* Kuroki, H. 10948
Kawabe, T. *see* Kuroki, H. 19567
Kawachi, K. *see* Kanazawa, M. 6908
Kawachi, K. *see* Uchida, S. 32444
Kawachi, M. *see* Albert, J. 44098
Kawachi, M. *see* Kataoka, T. 38115
Kawachi, M. *see* Tachikawa, Y. 14629
Kawachi, T. *see* Kawabata, S. 45902
Kawachi, Y. *see* Ito, K. 14345
Kawachi, Y. *see* Tomeoka, H. 24642
Kawada, M. *see* Kawajiri, K. 23583
Kawada, T. *see* Dokiya, M. 16737
Kawada, T. *see* Horita, T. 40457
Kawada, T. *see* Yokokawa, H. 17346
Kawada, Y. *see* Lim, M.H. 17788
Kawade, K. *see* Osa, A. 7151
Kawagishi, M. *see* Makishi, Y. 31837
Kawagoe, E., Kuroda, Y., Suyama, K., Maekawa, H. Development and application of diagnostic systems for substation equipment 32980
Kawagoe, T. *see* Hamada, M. 10152
Kawagoshi, T., Kumamoto, A., Hikihara, T., Hirane, Y., Oku, K., Nakamura, O., Tada, S., Mizuki, K., Inoue, Y. Harmonic voltage suppression by active filter with neural network controller 16178
Kawaguchi, E. *see* Perez, A.P. 13718
Kawaguchi, H. *see* Ebihara, D. 48368

Kawaguchi, H. *see* Ebihara, D. 48489
Kawaguchi, K., Wada, K. New results in graph routing 5475
Kawaguchi, K. *see* Tsukada, T. 10945
Kawaguchi, M. *see* Ishikawa, M. 48066
Kawaguchi, T., Kato, K., Kurihara, M. Advanced technology of supervisory and control system for latest thermal power plant 25212
Kawaguchi, T. *see* Sugimoto, T. 9836
Kawaguchi, Y. Solutions of $g''(\zeta)+(\zeta^n+a)g(\zeta)=0$ and their application 26266
Kawaguchi, Y. Long-distance propagation in a stratified atmosphere with an even power N profile 29174
Kawaguchi, Y. HDTV computer graphic art 30981
Kawaguchi, Y., Murase, H., Koyama, H. Response characteristics of resistive voltage divider for impulse voltage measurement 23835
Kawahara, A. *see* Kanno, T. 31272
Kawahara, H. Introduction to speech production and perception 44779
Kawahara, H. *see* Abe, K. 7260
Kawahara, H. *see* Abe, K. 15619
Kawahara, H. *see* Abe, K. 46930
Kawahara, H. *see* Aikawa, K. 21681
Kawahara, H. *see* Coyle, P. 46918
Kawahara, H. *see* Irino, T. 44981
Kawahara, K., Asahara, H., Sasaki, H., Kubokawa, J. Development of a supporting expert system for outage planning of electric power facilities 24886
Kawahara, K. *see* Fuma, M. 14853
Kawahara, K. *see* Oei, Y. 5170
Kawahara, K. *see* Okabe, T. 14828
Kawahara, K. *see* Sasaki, H. 1352
Kawahara, K. *see* Sasaki, H. 27106
Kawahara, K. *see* Sasaki, H. 42101
Kawahara, M. *see* Okayama, H. 43486
Kawahara, M. *see* Okayama, H. 45732
Kawahara, M. *see* Xu, C.Q. 3782
Kawahara, M. *see* Xu, C.Q. 36004
Kawahara, T., Horiguchi, M., Kawajiri, Y., Kitsukawa, G., Kure, T., Aoki, M. Subthreshold current reduction for decoded-driver by self-reverse biasing [DRAMs] 26925
Kawahara, T. *see* Kitsukawa, G. 26921
Kawahara, T. *see* Kitsukawa, G. 26953
Kawahara, T. *see* Nanjo, J. 19477
Kawahashi, A., Azuma, M., Shinojima, Y., Nagao, M. Multiplexing and data communications integrated circuits for automotive in-vehicle networks 33133
Kawahashi, A. *see* Nagao, M. 25919
Kawahashi, A. *see* Nakamura, S. 10327
Kawahigashi, M., Miyashita, Y., Kato, H. The importance of morphology on electrical strength of LDPE/XLPE insulations 43192
Kawahigashi, M. *see* Katsuta, G. 24969
Kawahira, H. *see* Sugawara, M. 2264
Kawahito, S., Choi, S.O., Ishida, M., Nakamura, T. Micromachined Hall elements for two-dimensional magnetic-field sensing 46350
Kawahito, S., Ishida, M., Nakamura, T., Kameyama, M., Higuchi, T. High-speed area-efficient multiplier design using multiple-valued current-mode circuits 35042
Kawai, A., Nagata, H., Morimoto, H., Takata, M. Adhesion of photoresist pattern baked at 80 to 325°C to inorganic solid surface 27886
Kawai, A., Nagata, H., Morimoto, H., Takata, M. Local peeling of photoresist film during ultraviolet light exposure 27887
Kawai, H., Nakagawa, S.-i., Yoshimoto, M., Horiba, Y., Ogihara, T., Tada, A. Testable design for cell-based design ASICs and its application to VLSI image signal processor 18763
Kawai, H. *see* Esashi, M. 46366
Kawai, H. *see* Funato, K. 19769
Kawai, H. *see* Kim, E.-K. 21669
Kawai, H. *see* Niwa, T. 39120
Kawai, H. *see* Takeuchi, Y. 11731
Kawai, J. *see* Nakanishi, Y. 24953
Kawai, J. *see* Sano, N. 25126
Kawai, J. *see* Tsukada, K. 20220
Kawai, K. *see* Hirai, K. 16576
Kawai, M. A study on the orbit analysis of the geosynchronous satellite ETS-V 39145
Kawai, M., Ito, H., Shima, J. Design strategies of automobile display devices 8958
Kawai, M. *see* Okada, K. 30666
Kawai, M. *see* Okada, K. 30676
Kawai, M. *see* Yamazaki, T. 23627
Kawai, M. *see* Yokoyama, M. 46720
Kawai, N., Hirano, T., Komuro, E., Namikawa, T., Yamazaki, Y. Magneto-optical properties of in-plane Bi-YIG films with oblique-incident light 35226
Kawai, N. *see* Hamada, H. 46226
Kawai, N. *see* Yamauchi, M. 7162
Kawai, O. *see* Morimatsu, E. 30965
Kawai, S., Iwatsuki, K., Suzuki, K., Nishi, S., Saruwatari, M., Sato, K., Wakita, K. 10 Gbit/s optical soliton transmission over 7200 km by using a monolithically integrated MQW-DFB-LD/MQW-EA modulator light source 37972
Kawai, S. *see* Araki, S. 20495
Kawai, S. *see* Hontsu, S. 2875
Kawai, S. *see* Iwatsuki, K. 30732
Kawai, S. *see* Nishio, M. 14360
Kawai, S. *see* Nishio, M. 30588
Kawai, S. *see* Sasaki, K. 11949
Kawai, T., Hanabusa, M. Nucleation and film growth in photochemical vapor deposition of aluminum thin film using dimethylaluminum hydride 10969
Kawai, T., Ishihara, M., Izumi, S., Sato, H., Onda, M., Inaniwa, Y., Tateishi, A., Hasegawa, H. Development of insulator-insert-type prefabricated joint for 77 kV XLPE power cable 7963
Kawai, T., Sagara, T., Syonowaki, Y., Tanaka, A. Magnetoresistive sensors 6451
Kawai, T. *see* Chiba, T. 16473
Kawai, T. *see* Hontsu, S. 2875
Kawai, T. *see* Kido, M. 7790
Kawai, T. *see* Kido, M. 39685
Kawai, T. *see* Ohta, I. 42218
Kawai, T. *see* Tomita, Y. 46515
Kawai, Y., Mori, T., Ohmori, K. E-2500 Series DMIX 37660
Kawai, Y. *see* Ishigami, S. 10685
Kawai, Y. *see* Ishigami, S.-I. 19585
Kawai, Y. *see* Katoh, Y. 20769
Kawai, Y. *see* Onoda, H. 10987
Kawai, Y. *see* Otaka, A. 27849
Kawaijiri, Y. *see* Kitsukawa, G. 26953
Kawajiri, K., Hisamori, Y., Oishi, T., Kiyota, H., Kawada, M., Isoda, M. A long life Stirling-cycle refrigeration unit for use in outer space 23583
Kawajiri, Y. *see* Kawahara, T. 26925
Kawajiri, Y. *see* Kitsukawa, G. 26921
Kawakami, A., Yamada, T., Mori, S. Present situation and prospects of power devices 33868
Kawakami, A., Zhen Wang, Komiyama, B. Measurements of dielectric constants and surface resistance for mm and submm wavelength region using Josephson effect 23865
Kawakami, A. *see* Zhen Wang 19073
Kawakami, H., Sati, G. Energy flow of Poynting vector of a horizontal YAGI-UDA antenna in the presence of a conductor half-space 4340
Kawakami, H., Yukimura, K. Electron swarm parameters calculated by simulation method and discussion of discharge instability from glow discharge to arc in KrF excimer laser 20598
Kawakami, H., Yukimura, K. Discharge-pumped excimer laser with coaxial ceramic capacitor and discussion of similarity law of laser output energy 20599
Kawakami, H., Yukimura, K. Simulation model of discharge-pumped XeCl laser 20600
Kawakami, H. *see* Izumi, M. 13484
Kawakami, H. *see* Katsuta, Y. 26666
Kawakami, H. *see* Katsuta, Y. 41185
Kawakami, H. *see* Kohari, K. 26672
Kawakami, H. *see* Nakagawa, N. 3441
Kawakami, H. *see* Ueta, T. 26650
Kawakami, H. *see* Yoshinaga, T. 26740
Kawakami, J. *see* Chiba, T. 16473
Kawakami, J. *see* Imamura, Y. 16300
Kawakami, J. *see* Kido, M. 7790
Kawakami, J. *see* Kido, M. 39685
Kawakami, K. *see* Nagao, K. 22160
Kawakami, K. *see* Takamasu, K. 38695
Kawakami, N., Ueda, S., Hombu, M., Ueda, A., Jifuku, Y. A large-capacity GTO inverter with low-loss snubber circuits 47960
Kawakami, S. *see* Shiraishi, K. 43393
Kawakami, T., Nagatuka, A., Maeda, M., Igarashi, S. RF attenuation measurement system with 1-kHz voltage ratio standard 23842
Kawakami, T. *see* Numai, T. 3665
Kawakami, Y., Hauksson, I., Stewart, H., Simpson, J., Galbraith, I., Prior, K.A., Cavenett, B.C. Exciton-related lasing mechanism in ZnSe-(Zn,Cd)Se multiple quantum wells 20853
Kawakami, Y., Ohnakado, T., Tsuka, M., Tokudera, S., Ito, Y., Fujita, Sz., Fujita, S. *p*-type ZnSe grown by molecular beam epitaxy with remote microwave plasma of N_2 26451
Kawakami, Y., Toyoda, T., Fujita, S., Fujita, S. Effect of photo-irradiation on the growth of ZnSe in metalorganic molecular beam epitaxy 41369
Kawakami, Y. *see* Isagawa, S. 10619
Kawakami, Y. *see* Saitoh, K. 43147
Kawakami, Y. *see* Saitoh, K. 43148
Kawakatsu, T. *see* Ebara, M. 38257
Kawakita, Y. *see* Kasuya, K. 20631
Kawakubo, A. *see* Itoh, T. 36574
Kawakubo, K., Hiraishi, H. An application of regular temporal logic to verification of fail-safeness of a comparator for redundant system 10248
Kawakubo, T., Sano, K., Oose, M. Heteroepitaxial TiN films grown by reactive ion beam epitaxy at room temperature 9617
Kawakyu, Y. *see* Hiramatsu, T. 18246
Kawalec, A., Filipiak, J. Wide-band dispersive lines with an acoustic surface wave 16025
Kawalko, S.F., Laxpati, S.R., Uslenghi, P.L.E. Scattering by rotationally symmetric bodies with fins and arbitrarily varying surface impedance 12580
Kawamata, M. *see* Deng, T.-B. 34162
Kawamata, M. *see* Kagoshima, T. 21747
Kawamata, M. *see* Murakosi, S. 13545
Kawamata, S. *see* Nihei, H. 40258
Kawamorita, S., Hara, K. A feedback-type current sensor using Hall ICs 14947
Kawamorita, S. *see* Hara, K. 39679
Kawamoto, E. *see* Wu, J. 18572
Kawamoto, H. *see* Grajew, G. 37613
Kawamoto, K. *see* Yugami, H. 25357
Kawamoto, M. *see* Harafuji, K. 18702
Kawamoto, R. *see* Toraichi, K. 13296
Kawamoto, S., Watanabe, Y., Kodake, T., Tsuchiya, K., Nakamura, Y., Narabu, T. CCD linear sensor employing high-speed driving dot sequential color method 23718
Kawamoto, S., Yoshimoto, M., Ishigame, A., Jianmin Zhao, Taniguchi, T. A method for modeling and stability evaluation of nonlinear dynamic system 24803
Kawamoto, S. *see* Ishigame, A. 24772
Kawamoto, T. *see* Ando, A. 38832
Kawamoto, T. *see* Takuma, T. 31372
Kawamoto, Y. *see* Kanno, R. 48076
Kawamoto, Y. *see* Yamamoto, T. 42431
Kawamura, A. 0.7-inch high-density LCDs serve viewfinders 23797
Kawamura, A. *see* Funato, H. 16964
Kawamura, A. *see* Funato, H. 17011
Kawamura, A. *see* Hoshi, N. 17137
Kawamura, A. *see* Yokoyama, T. 8649
Kawamura, A. *see* Yokoyama, T. 17013
Kawamura, H. Fuzzy network for decision support systems 219
Kawamura, H., Hongo, S., Yoroizawa, I. Region-based dichromatic estimation method for illumination color estimation 30100
Kawamura, H. *see* Shimizu, M. 46668
Kawamura, H. *see* Yamashita, O. 23828
Kawamura, I. *see* Yamada, Y. 15127
Kawamura, K., Hirao, M., Shiraha, M., Itoh, S., Takagi, H. Development of coal partial combustor system (slagging combustor) [for MHD generators] 25321
Kawamura, K. *see* Ashiwake, N. 287
Kawamura, K. *see* Ashiwake, N. 288
Kawamura, K. *see* Browne-Marke, D.D. 14062
Kawamura, K. *see* Kara, A. 13709
Kawamura, K. *see* Kojima, H. 45644
Kawamura, K. *see* Tanimoto, M. 34088
Kawamura, K. *see* Yamashita, I. 37385
Kawamura, M., Gotoh, T., shi Toriu, T., Sekiguchi, T. High speed recursive threshold selection based on edge and contour evaluation 22143
Kawamura, M. *see* Hirose, N. 14980
Kawamura, R., Hadama, H., Sato, K.-I., Tokizawa, I. Fast VP-bandwidth management with distributed control in ATM networks 37348
Kawamura, R., Sato, K.-I., Tokizawa, I. Self-healing ATM networks based on virtual path concept 37598
Kawamura, S. *see* Izawa, T. 18633
Kawamura, S. *see* Shimbo, A. 12980
Kawamura, S. *see* Shinbo, M. 30458
Kawamura, S. *see* Sukegawa, K. 2555
Kawamura, S. *see* Takagi, T. 3992
Kawamura, S. *see* Yamaguchi, M. 21180
Kawamura, T. Monte Carlo simulation of thin film growth on Si surfaces 667
Kawamura, T. Recent trends of international standard on impulse voltage measurements 38633
Kawamura, T., Kouno, T. Recent topics and future of high voltage engineering 40374
Kawamura, T. *see* Akbar, A. 47551
Kawamura, T. *see* Furuta, M. 19860
Kawamura, T. *see* Imai, Y. 16315
Kawamura, T. *see* Mori, K. 21777
Kawamura, T. *see* Okumura, K. 12631
Kawamura, T. *see* Sato, K. 27368
Kawamura, T. *see* Segawa, E. 24941
Kawamura, T. *see* Yamada, T. 25041
Kawamura, Y., Asai, H., Iwamura, H. Fabrication of resonant-tunnelling optical bistable laser diode 35771
Kawamura, Y., Inoue, A., Kojima, A., Masumoto, T. Nanocrystalline soft-magnetic cores produced by consolidation of $Fe_{86}Zr_7B_6Cu_1$ amorphous powder 20163
Kawamura, Y., Kobayashi, H., Iwamura, H. Type I/type II transition in InGaAlAs-InP multiple quantum well structures grown by gas source molecular beam epitaxy 27543
Kawamura, Y., Tanabe, T., Li, D., Toyoda, K. Studies on free electron lasers using a compact electro-static accelerator and laser induced photoelectrons 3694
Kawamura, Y. *see* Ohtsubo, H. 33571
Kawamura, Y. *see* Uenohara, H. 43863
Kawanaka, M., Iguchi, N., Fujieda, S., Furukawa, A., Baba, T. GeAs as a novel arsenic dimer source for *n*-type doping of Ge grown by molecular beam epitaxy 10823
Kawanaka, M., Iguchi, N., Furukawa, A., Sone, J. Small-sized collector-up Ge/GaAs heterojunction bipolar transistors with high gain, low base resistance, and high f_{max} 42206
Kawane, Y. *see* Nishi, T. 1007
Kawanishi, H., Sugimoto, Y., Tanaka, N., Ishikawa, T. Sub-100 nm patterning of GaAs using in situ electron beam lithography 2283
Kawanishi, S., Saruwatari, M. Ultra-high-speed PLL-type clock recovery circuit based on all-optical gain modulation in traveling-wave laser diode amplifier 45953
Kawanishi, S., Takara, H., Saruwatari, M., Kitoh, T. Ultrahigh-speed phaselocked-loop-type clock

recovery circuit using a travelling-wave laser diode amplifier as a 50 GHz phase detector 5978
Kawanishi, S., Takara, H., Uchiyama, K., Saruwatari, M., Kitoh, T. Fully time-division-multiplexed 100 Gbit/s optical transmission experiment 22991
Kawanishi, S., Takara, H., Uchiyama, K., Saruwatari, M., Kitoh, T. Single polarization completely time-division-multiplexed 100 Gbit/s optical transmission experiment 38126
Kawanishi, S., Takara, H., Uchiyama, T.K., Saruwatari, M., Kitoh, T. 100 Gbit/s, 100 km optical transmission with in-line amplification utilizing all-optical multi/demultiplexing and improved PLL timing extraction 30846
Kawanishi, S. *see* Uchiyama, K. 5981
Kawanishi, T. *see* Ogura, H. 12552
Kawano, H., Ashida, Y., Nagayasu, H. Negative and positive hydrogen ion production by slow electron impact of sodium hydride powder 15608
Kawano, H., Hasegawa, T., Nishio, S. Deterministic tree-type algorithm with reservation mechanism 13887
Kawano, H., Nishio, S., Hasegawa, T. Knowledge acquisition in communication networks: towards flexible network management 30319
Kawano, H. *see* Yoshikawa, T. 3608
Kawano, I. *see* Koba, S. 2870
Kawano, K. Effects of ridge depth on characteristics of shielded velocity-matched (SVM) Ti:$LiNbO_3$ optical modulators with ridge structures 20389
Kawano, K. High-speed shielded velocity-matched Ti:$LiNbO_3$ optical modulator 28506
Kawano, K. Present and future of ultrahigh speed optical devices 46025
Kawano, K., Kohtoku, M., Yoshimoto, N., Sekine, S., Noguchi, Y. 2×2 InGaAlAs/InAlAs multi-quantum well (MQW) directional coupler waveguide switch modules integrated with spot-size convertors 35458
Kawano, K. *see* Kitoh, T. 3087
Kawano, K. *see* Tsuji, H. 28422
Kawano, K. *see* Yoshimoto, N. 43533
Kawano, M., Aoyagi, T., Watanabe, H., Takiguchi, T., Nakajima, Y., Takemoto, A., Hirano, R. Extremely low power penalty in 2.5-Gb/s transmission experiment using 1.55-μm MQW-DFB lasers with optimized QW number 30825
Kawano, M., Mizuno, K., Yoda, H., Sakitani, Y., Andou, K., Saitou, N. Continuous writing method for high speed electron-beam direct writing system HL-800 D 27907
Kawano, N. *see* Uchiyama, H. 11494
Kawano, S., Yuminaka, T., Kobayashi, N. Remote and intelligent diagnosis system for elevators incorporating preventive maintenance 33116
Kawano, S. *see* Konishi, T. 2096
Kawano, T., Ebihara, H. Performance test of PDM-101 electronic pocket dosimeters using a ^{60}Co source 7507
Kawano, T. *see* Aoki, M. 11885
Kawano, T. *see* Aoki, M. 14597
Kawano, T. *see* Aoki, M. 28495
Kawano, T. *see* Aoki, M. 38120
Kawano, T. *see* Oishi, A. 38123
Kawano, T. *see* Okuno, Y. 41371
Kawano, T. *see* Tsuchiya, T. 9517
Kawano, Y. *see* Takeyasu, N. 42758
Kawanura, T. *see* Chang, H. 27559
Kawara, T. *see* Yonehara, H. 12392
Kawarabayashi, J. *see* Takahashi, H. 15675
Kawarada, H. *see* Katoh, M. 33702
Kawarasaki, M., Inoue, Y. Network management toward B-ISDN 22663
Kawarasaki, M., Terada, N. Perspective of an ATM platform: making network flexible to environmental changes 37313
Kawarasaki, M. *see* Inoue, Y. 30445
Kawaratani, T. *see* Hara, O. 10608
Kawasaki, H. *see* Fu, K.-Y. 2212
Kawasaki, H. *see* Jawarani, D. 19648
Kawasaki, H. *see* Olowolafe, J.O. 34820
Kawasaki, H. *see* Saito, Y. 19894
Kawasaki, H. *see* Sakata, H. 38503
Kawasaki, H. *see* Yoshinaga, H. 1605
Kawasaki, I. *see* Uchiyama, K. 10192
Kawasaki, K., Tsutsui, K., Furukawa, S. Selective growth of wire structures of GaAs on CaF_2 using focused electron beams 41319
Kawasaki, K. *see* Hachiya, S. 15128
Kawasaki, K. *see* Harada, T. 38042
Kawasaki, K. *see* Matsuzaka, T. 27872
Kawasaki, K. *see* Ohta, H. 27877
Kawasaki, K. *see* Tokumaru, M. 15992
Kawasaki, K. *see* Yagi, S. 30624
Kawasaki, M., Sumiya, M., Koinuma, H. Piezoelectric effect on plasma chemical vapor deposition of hydrogenated amorphous silicon films 27456
Kawasaki, M., Suzuki, H. Characterization of the initial stages of hydrogen-radical-assisted chemical-vapor deposition of amorphous silicon from disilane on cleaved and sputter-roughed graphite surfaces 41457
Kawasaki, M. *see* Takano, A. 41419
Kawasaki, N., Nomura, H. A new control law for realizing some good responses of DC-DC converters 8637
Kawasaki, S., Aihara, Y., Yoshioka, K., Takahashi, T., Soma, T. Microstructure and properties of lanthanum chromite films prepared by thermal spray-sintering process [solid oxide fuel cells] 17348
Kawasaki, S., Hamada, N. A realization method of 2-D separable-denominator digital filter based on reduced-dimensional decomposition 21761
Kawasaki, S., Ishizuka, K., Katsuda, S., Sohmuta, M. Magneto-optical disk for magnetic field modulation recording method with multi-pulsed laser irradiation 2805
Kawasaki, S., Itoh, T. Second harmonic uniplanar active integrated antenna array with strong coupling 29358
Kawasaki, S., Itoh, T. Quasi-optical planar arrays with FETs and slots 36438
Kawasaki, S., Lane, R.J., Tang, C.L. Thermal lens spectrometry using a broadly tunable optical parametric oscillator 44067
Kawasaki, S., Takahasi, M., Ishizuka, H., Sakamoto, K., Kishimoto, Y., Musyoki, S., Watanabe, A., Shiho, M. Analysis and optimal design study of tapered FEL amplifiers on the border of Raman and Compton regimes 44000
Kawasaki, S. *see* Fukushima, S. 39592
Kawasaki, S. *see* Imasaka, T. 21017
Kawasaki, S. *see* Sakamoto, K. 20930
Kawasaki, S. *see* Sakamoto, K. 43982
Kawasaki, S. *see* Sugimoto, H. 40101
Kawasaki, T., Hirata, Y., Takada, T., Maeno, T. Visualization and quantification technique of latent electric charge image using Pockels effect—high-sensitivity measurement using image lock-in amplifier 46594
Kawasaki, T., Terashima, T., Suzuki, S., Takada, T. Observation of AC surface discharge on insulating film by Pockels effect 35173
Kawasaki, T. *see* Imai, S. 44791
Kawasaki, T. *see* Sakurai, N. 16590
Kawasaki, T. *see* Tsuji, H. 28422
Kawasaki, T. *see* Uchishima, M. 5849
Kawasaki, Y. *see* Hara, O. 10608
Kawasaki, Y. *see* Horigome, M. 33447
Kawasaki, Y. *see* Kuroi, T. 42864
Kawase, M. Reliability of waterproof optical fiber cables 6016
Kawase, M., Ishihara, K. Next-generation optical fiber cable technology - towards fully optical transmission and innovation of transmission line OpS 38039
Kawase, M. *see* Nagasawa, S. 30847
Kawase, S., Takahashi, Y. Analysis software [for GPS geodesy] 46120
Kawase, Y., Kikuchi, H. 3-D dynamic analysis of DC electromagnet using finite element method with tetrahedral edge elements 21184
Kawase, Y., Yamaguchi, T., Miyatani, O., Ito, S. 3-D numerical analysis of transient dynamic behavior of AC electromagnets 36123
Kawase, Y. *see* Ito, S. 17127
Kawase, Y. *see* Kitsukawa, G. 26921
Kawase, Y. *see* Kitsukawa, G. 26953
Kawase, Y. *see* Osa, A. 7151
Kawashima, A. *see* Muroyama, M. 27792
Kawashima, H. New cuts for width-extensional mode quartz crystal resonators 20092
Kawashima, H. A forced vibration analysis of a KT-cut width-extensional mode quartz crystal resonator and its frequency temperature behavior 20110
Kawashima, H., Nakazato, M. Vibration analysis of length extensional mode quartz crystal resonator with plural vibration bars 28320
Kawashima, H., Nakazato, M. An analysis of frequency temperature characteristics for new cut width-extensional mode quartz crystal resonators 35194
Kawashima, H., Sugama, K. The influence on resonant frequency due to the weights deposited on two arms of quartz crystal tuning-fork type 20105
Kawashima, H., Sunaga, K. Frequency temperature behavior and its hysteresis of S-TCXOs using new shape GT cut quartz crystal resonators 20083
Kawashima, H., Sunaga, K. Frequency/temperature behavior, thermal hysteresis and ageing characteristics of quartz crystal oscillators for high precision clock 20104
Kawashima, H., Sunaga, K. Resonance frequency analysis by Galerkin's method for clamped-free, stepped flexural mode quartz crystal resonators and its application to quartz crystal tuning fork 35197
Kawashima, H. *see* Sato, T. 3676
Kawashima, K. *see* Hosoda, M. 44103
Kawashima, K. *see* Panina, L.V. 43275
Kawashima, M., Cheng-Tie Chen, Fure-Ching Jeng, Singhal, S. Adaptation of the MPEG video-coding algorithm to network applications 21965
Kawashima, M., Inoue, M., Tominaga, H. Variable bit-rate video transmission under usage parameter control 38268
Kawashima, M., Numata, F., Tominaga, H. Study on a very low bit-rate video coding algorithm 36815
Kawashima, M., Tokunaga, R., Hirai, Y. Contour map reconstruction via a multi-module parallel computational scheme 22147
Kawashima, M. *see* Tsuji, H. 9002
Kawashima, S., Johansson, G. Multipurpose use of the JAPC advanced compact simulator 16587
Kawashima, S. *see* Hajdu, J.B. 2827
Kawashima, T., Shirakawa, Y., Aoki, Y. Multisensor-based object identification using uncertain geometric models 45070
Kawashima, T. *see* Hikita, T. 17275
Kawashima, T. *see* Kawabata, S. 47534
Kawashima, T. *see* Morita, S. 22144
Kawashima, Y., Mizuno, Y. Reduction of detent torquq for permanent magnet synchronous motor by magnetic field analysis 48280
Kawasima, N. *see* Yamori, A. 4020
Kawasima, T. *see* Zhang, S. 31877
Kawata, A. *see* Hayashi, S. 24639
Kawata, A. *see* Hayashi, S. 24646
Kawata, H., Kasamatsu, N., Murata, K. Holographic lithography with endpoint detection of resist development 2282
Kawata, H.R., Oku, T., Otsuki, A., Murakami, M. NiGe-based ohmic contacts to n-type GaAs. II. Effects of Au addition 34604
Kawata, S. *see* Hayashi, S. 10937
Kawata, S. *see* Yamaguchi, T. 27616
Kawata, T. *see* Hoshi, K. 13990
Kawata, Y., Niki, N., Satoh, H., Kumazaki, T. Three-dimensional blood vessel reconstruction using a high-speed X-ray rotational projection system 24216
Kawatani, A. *see* Tanaka, H. 347
Kawatani, A. *see* Tanaka, H. 14582
Kawate, K. *see* Kataoka, K. 14350
Kawate, Y. *see* Fukumoto, Y. 11536
Kawate, Y. *see* Fukumoto, Y. 28417
Kawato, M. *see* Hirayama, M. 21686
Kawato, M. *see* Igarashi, H. 22037
Kawato, M. *see* Koike, Y. 39044
Kawato, S. 3D shape recovery by octree voting technique 22020
Kawatsu, H. *see* Akamatsu, K. 25972
Kawatsu, H. *see* Ozaki, Y. 25963
Kawatsuki, N. *see* Pakbaz, K. 21069
Kawauchi, K. *see* Hashimoto, K. 38799
Kawauchi, S. *see* Ito, Y. 8629
Kawauchi, Y. *see* Ueyama, T. 5819
Kawayachi, N. *see* Shibuya, T. 30948
Kawazawa, T. *see* Namihira, Y. 2964
Kawazawa, T. *see* Namihira, Y. 5874
Kawazawa, T. *see* Namihira, Y. 5888
Kawazoe, K., Kazama, H., Kato, S., Masamura, T. Multislotted ALOHA scheme for high-efficiency transmission of variable-length packets 45326
Kawazoe, Y., Hu, X., Honma, S. Studies of magneto-optical recording in multi-magnetic-layer disk by analytic and simulating approaches 28386
Kawazoe, Y. *see* Hu, X. 20151
Kawazoe, Y. *see* Hu, X. 20152
Kawazoe, Y. *see* Xiao Hu 35241
Kawazome, T. *see* Hirai, H. 22150
Kawazu, A. *see* Kageshima, M. 27444
Kawazu, S. *see* Takeda, O. 15522
Kawazu, Y., Fukuda, H., Hayashi, T., Iwabuchi, T. Characterisation of poly-Si/SiO_2/Si(100) structure by variable-angle spectroscopic ellipsometry 1973
Kawazu, Y. *see* Hayashi, T. 18703
Kawecki, A. *see* Kuhn, U. 22790
Kawecki, D. *see* Wingard, R.M. 32706
Kawkabani, B. *see* Chatelain, J. 24666
Kay, A., Reed, J.N. A rely and guarantee method for timed CSP: a specification and design of a telephone exchange 5652
Kay, A.G. Tapchanger condition monitoring and protection systems 47950
Kay, A.V. Time-dependent properties of a diode laser beam after propagation through expanding gun blast 47315
Kay, C. Improving the R&D-to-manufacturing link process 34345
Kay, G., de Jager, G. A versatile colour system capable of fruit sorting and accurate object classification 13834
Kay, J., Pasquale, J. The importance of non-data touching processing overheads in TCP/IP 30387
Kay, J. *see* Thompson, A.M. 22031
Kay, R.B. *see* Coyle, D.B. 30923
Kay, S.M., Nagesha, V. Maximum likelihood estimation of signals in autoregressive noise 36757
Kay, S.M., Sengupta, D. Detection in incompletely characterized colored non-Gaussian noise via parametric modeling 13181
Kaya, L., Honary, B. Combined coding and phase/frequency modulation employing array codes 4423
Kaya, L., Honary, B. Phase/frequency modulation employing array codes 4432
Kaya, L. *see* Honary, B. 4378
Kaya, M.H. Toward a greener paradise—the case for integrated energy planning in Hawaii 32374

Kaya, N., Matsumoto, H., Akiba, R. Rocket experiment METS (Microwave Energy Transmission in Space) 32381
Kaya, Y., Ishitani, H., Shimizu, H., Yamamoto, T., Natori, K. Research and development project of an advanced electric vehicle, IZA, developed by Tokyo Electric Power Company (TEPCO) 48223
Kaya, Y. *see* Ashikaga, T. 48225
Kaya, Y. *see* Fujii, Y. 25116
Kaya, Y. *see* Shimizu, H. 48224
Kaya, Y. *see* Stefanski, J. 32307
Kayahara, T. *see* Hashizume, M. 10210
Kayama, H. *see* Yamabe, M. 33647
Kayano, S. *see* Maeno, H. 26945
Kayano, S. *see* Sawada, K. 2661
Kayano, S. *see* Tsujihashi, Y. 41853
Kayanuma, K. *see* Iwanaga, T. 23345
Kaye, H. A meaningful way to apply telecommunications in a real context to solve problems facing society 33286
Kaye, M. *see* Reuster, D. 42130
Kaye, M. *see* Reuster, D. 44299
Kaye, R.D., Henriksen, K., Morisseau, D.S., Deye, J.A. Human factors in radiation oncology therapy: some software control interface issues 15912
Kaye, W. *see* Sharp, G. 20410
Kaye Ho Yui *see* Yui Kaye Ho
Kayhan, S.A., Chapparro, L.F., El-Jaroudi, A. Wold-Cramer evolutionary spectral estimators 13317
Kaynak, O. *see* Tunay, I. 16790
Kaypmaz, A. *see* Tuncay, R.N. 17527
Kays, R. *see* Amor, H. 30992
Kayser, T.L. *see* Clifford, J.J. 40909
Kayukawa, N., Oikawa, S., Aoki, Y., Yatsu, S. Effective OHM's law for a spatiotemporally fluctuating combustion plasma and its effects on the performance of the Faraday MHD channel 25782
Kayukawa, N. *see* Nishimura, R. 8781
Kayukawa, N. *see* Nishimura, R. 25289
Kayukawa, N. *see* Nishimura, R. 25766
Kayukawa, N. *see* Oikawa, S. 25783
Kaz, A., Aytur, O., Marshall, L.R. A continuously tunable diode-pumped UV-blue laser source 29006
Kaz, A. *see* Marshall, L.R. 3851
Kazachkov, E.A. *see* Gutman, E.E. 6633
Kazakevich, O.Ja. *see* Zalkind, V.I. 25725
Kazakevich, O.Ya. *see* Ganefeld, R.W. 25728
Kazakos, D., Cooper, A.B. Exponential error bounds for coding through noisy channels with inaccurately known statistics and for generalized decision rules 12915
Kazakos, D. *see* Choe, H.C. 44924
Kazakov, A.N., Klochko, V.I. Analysis of implementational complexity of suboptimal and quasi-orthogonal signal separation algorithm 4633
Kazakov, B.N., Safiullin, G.M., Solovarov, N.K. Application of a synchronous integrator in phase fluorometry 14918
Kazakov, S.Y. Pulse shape correction for RF pulse compression system 15497
Kazakov, S.Yu. *see* Arapov, L.N. 15283
Kazakov, V.I. *see* Bykovets, Yu.Ya. 25559
Kazakov, V.N. *see* Omelaev, A.I. 15092
Kazakova, L.P., Lebedev, E.A., Zakharova, N.B., Yatlinko, I.I., Isaev, A.I., Mekhtieva, S.I. Improvement of charge transport in Se-As glasses by doping with halogens 19353
Kazama, H. *see* Kawazoe, K. 45326
Kazama, H. *see* Sugawara, A. 1394
Kazama, M., Takayama, S., Haginoya, S. System for removal of organic chlorine compounds in water 24518
Kazama, S. *see* Suzuki, F. 38398
Kazama, Y. One-point feed printed crossed dipole with a reflector antenna combined with a reactively loaded parasitic loop for land mobile satellite communication antennas 4315
Kazami, K. *see* Uehara, G. 11539
Kazandzhan, N.N., Sukhorukov, I.V. The PRAM-MIS package of CAD programs for design of linear microwave integrated circuits (on an IBM-type personal computer) 1645
Kazanskii, A.G., Shamonina, E.A. Influence of doping on the photoconductivity of *a*-Si:H 34530
Kazanskii, A.G., Yarkin, D.G. Influence of the dopant concentration and temperature on the Staebler-Wronski effect in phosphorus-doped *a*-Si:H films 34531
Kazanskii, N.A. *see* Gorelov, G.V. 4527
Kazanskii, N.A. *see* Gorelov, G.V. 12987
Kazanskii, N.L. *see* Doskolovich, L.L. 12440
Kazantsev, Yu.N. *see* Apletalin, V.N. 31402
Kazanzides, P., Zuhars, J., Mittelstadt, B., Williamson, B., Cain, P., Smith, F., Rose, L., Musits, B. Architecture of a surgical robot 24370
Kazanzides, P. *see* Paul, H.A. 24369
Kazarezov, I.V. *see* Baryshev, Y.V. 31656
Kazarian, R.K. *see* Alexanian, A.G. 1917
Kazarin, L.S. *see* Zharov, O.A. 44950
Kazarinov, R.F., Pinto, M.R. Carrier transport in laser heterostructures 43909
Kazarinov, R.F. *see* Yaffe, H.H. 35463
Kazaryan, M.A. *see* Vlasov, D.V. 3420
Kazdaghli, A., Le Breton, P., D'Almeida, S., Sadarnac, D., Jugan, D., Marquet, D. 1500 W high power density rectifier 17046
Kazeminejad, A. *see* Chanussot, C. 18808
Kazerounian, R. *see* Hoang, L. 18712
Kazimierczuk, M.K., Szaraniec, W. Electronic ballast for fluorescent lamps 40655
Kazimierczuk, M.K. *see* Czarkowski, D. 8496
Kazimierczuk, M.K. *see* Czarkowski, D. 9949
Kazimierczuk, M.K. *see* Czarkowski, D. 9954
Kazimierczuk, M.K. *see* Czarkowski, D. 18468
Kazimierczuk, M.K. *see* Czarkowski, D. 41631
Kazimierczuk, M.K. *see* Ivascu, A. 9948
Kazior, T.E., Brierley, S.K. The effect of rapid thermal annealing on the electrical and material characteristics of planar doped and uniformly doped GaAs/AlGaAs/InGaAs pseudomorphic HEMT structures 2597
Kazior, T.E., Patel, B.I. Selective gate recessing of GaAs/AlGaAs/InGaAs pseudomorphic HEMT structures using BCl_3 plasmas 10901
Kazlauskas, K. Inversion of linear periodically time-varying digital filters 42073
Kazmierczuk, M.K., Czarkowski, D., Thirunarayan, N. A new phase-controlled parallel resonant converter 25521
Kazmierkowski, M.P. Equivalent circuits of vector controlled induction motor 16843
Kazmierkowski, M.P., Dzieniakowski, M.A. Review of current regulation methods for VS-PWM inverters 17081
Kazmierkowski, M.P., Kasprowicz, A. Improved torque and flux vector control of PWM inverter-fed induction motor drive 8853
Kazmierkowski, M.P., Kasprowicz, A. Direct control of torque and flux of a cage motor energized from a transistorized voltage inverter 47878
Kazmierkowski, M.P., Viet, P.H., Dzieniakowski, M.A. Neural networks based current regulator for PWM inverters 16984
Kazmierski, C. *see* Blez, M. 12152
Kazmierski, C. *see* Chusseau, L. 35887
Kazmierski, C. *see* Grabmaier, A. 37992
Kazmierski, C. *see* Mathoorasing, D. 35781
Kazmierski, C. *see* Mathoorasing, D. 46012
Kazmierski, M. *see* Apanasewicz, S. 44250
Kazmierski, T.J. *see* Nichols, K.G. 41562
Kazmierski, T.J. *see* Nichols, K.G. 42083
Kazor, A., Boyd, I.W. Growth and modeling of CW-UV induced oxidation of silicon 19611
Kazor, A. *see* Boyd, I.W. 27696
Kazovsky, L. *see* Fiksman, G. 5899
Kazovsky, L.G., Barry, C.F., Hickey, M.J., Noronha, C.A., Poggiolini, P.T. A multi-Gbit/s optical LAN utilizing a passive WDM star: towards an experimental prototype 5485
Kazovsky, L.G., Poggiolini, P.T. STARNET: a multi-gigabit-per-second optical LAN utilizing a passive WDM star 5563
Kazovsky, L.G. *see* Chlamtac, I. 30393
Kazovsky, L.G. *see* Chlamtac, I. 30857
Kazovsky, L.G. *see* Fong, T.K. 14628
Kazovsky, L.G. *see* Fong, T.K. 45999
Kazovsky, L.G. *see* Jay, D. 30702
Kazovsky, L.G. *see* Kalman, R.F. 30703
Kazuchits, N.M. *see* Brinkevich, D.I. 9590
Kazuchits, N.M. *see* Brinkevich, D.I. 18230
Kazuhiro Date *see* Gyu Chang Lee 26534
Kazumura, M. *see* Nagata, S. 34271
Kazuno, Y., Horie, T., Homma, T., Nemoto, Y., Matsuoka, H. Use of lone cell of PC12h-R as a sensing material for neurite growth initiating activity 38574
Kazyuchits, N.M. *see* Bondarenko, V.P. 28682
Kchao, C., Stubeer, G.L. Analysis of a direct-sequence spread-spectrum cellular radio system 22814
Ke, J.-Y., Chen, C.H. A new approach to the microstrip lines with finite strip thickness and conductivity 4206
Ke, M.-K. *see* Cheo, B.R. 6953
Ke Chen *see* Chen Ke
Ke Daoming, Tong Qinyi, Feng Yaolan Influence of the leakage current in a pn junction on high temperature integrated MOSFET's alternating characteristics 2676
Ke Daoming, Tong Qinyi, Feng Yaolan High temperature electrical characteristics analysis of CMOS digital integrated circuits 33948
Ke Gong *see* Gong Ke
Ke Lan *see* Lan Ke
Ke Liu, Ren Jiang, Qian Zhang, Yong-Qing Cheng, Jing-Yu Yang Calibration of multiple sensors by a planar calibration object 46281
Ke Liu, Ren Jiang, Yong-Qing Cheng, Jing-Yu Yang Camera calibration based on coplanar points 23698
Ke Liu *see* Yong-Qing Cheng 30016
Ke Liu *see* Yong-Qing Cheng 44925
Ke Shyh-Yeong *see* Shyh-Yeong Ke
Ke Wu Electromagnetic analysis of multiconductor losses and dispersion in high-speed interconnects 26203
Ke Wu, Ji Li, Bosisio, R.G. A low-loss unidirectional dielectric radiator (UDR) for antenna and space power combining circuits 44596
Ke Wu *see* Ming Yu 12711
Ke Xiao The algorithm converting raster to 2DRE quadtree 13689
Ke Yanling *see* Yanling Ke
Ke-Chong Yang *see* Yang Ke-Chong
Ke-Li Wu *see* Litva, J. 27283
Ke-Qiang Liao, Mason, L. Self-optimizing window flow control in high-speed data networks 5150
Ke-qin Wu *see* Wu Ke-qin
Kealy, P.S., Hook, S.J. Separating temperature and emissivity in thermal infrared multispectral scanner data: implications for recovering land surface temperatures 39355
Keam, R.B., Williamson, A.G. Analysis of a dielectrically sheathed coaxial-line to general radial-line environment junction 12707
Keam, R.B., Williamson, A.G. Broadband design of coaxial line/rectangular waveguide probe transition 36309
Kean, T.F. The electric vehicle in motor sport—overview 17567
Keana, J.F.W. *see* Wybourne, M.N. 27899
Keane, J. *see* Hanna, S.M. 6976
Keane, M. *see* Ambikairajah, E. 13048
Keane, M. *see* Ambikairajah, E. 29518
Keang-Po Ho, Kahn, J.M. Equalization technique to reduce clipping-induced nonlinear distortion in subcarrier-multiplexed lightwave systems 23012
Keang-Po Ho *see* Jingshown Wu 14622
Kearley, M.Q. *see* Hall, J.P. 43670
Kearney, D.A., Gol, O. Solution methods for lumped permeance induction machine models 40217
Kearney, M.J. *see* Robertson, D.A. 42207
Kearney, R.E. *see* Perreault, E.J. 24278
Kearney, R.J. *see* Labroo, S. 12539
Kearney, S.M. Evaluating direct load control 7766
Kearns, R. *see* Cutler, A. 13002
Kearns, R. *see* Cutler, A. 29516
Keating, A.J., Lowery, A.J. Fast wavelength detection technique for multi-wavelength photonic packet networks 5972
Keating, P.A., Byrd, D., Flemming, E., Todaka, Y. Phonetic analyses of word and segment variation using the TIMIT corpus of American English 44774
Keay, B.J., Guimaraes, P.S.S., Kaminski, J.P., Allen, S.J., Jr., Hopkins, P.F., Gossard, A.C., Florez, L.T., Harbison, J.P. Superlattice transport in intense terahertz electric fields 42529
Kebede, L.W. An iterative method of imaging 45049
Kebichi, O. *see* Castro Alves, V. 10162
Kechang Jia *see* Jia Kechang
Kechek, A.G. *see* Kanskaya, L.M. 38486
Kecheng Lu *see* Lu Kecheng
Kechouane, M., Beldi, N., Mohammed-Brahim, T., L'Haridon, H., Salvi, M., Gauneau, M. 1.54 μm photoluminescence of erbium implanted hydrogenated amorphous silicon 10844
Kechu Yi *see* Yi Kechu
Keck, F.S., Kerner, W. Registration of dissolved glucose *in vitro* and *in vivo* by a combined microdialysis/amperometric method 6602
Keck, H. Flow calculation and model tests for water turbines tools for potential evaluation and optimisation of modernisation 47795
Keck, S., Leighton, J., Morgner, R. New composite packaging 33368
Kecskemety, B.J. *see* Anagnostopoulos, C.N. 38564
Keda Wang, Daxing Han, Silver, M. Thickness dependence of electroluminescence in a-Si:H p-i-n devices 28657
Keddam, M. *see* Sapoval, B. 25628
Keddie, J.L. *see* Shacham-Diamand, Y. 783
Kedem, B. *see* Barnett, J.T. 36725
Keding Zhou *see* Zhou Keding
Kedmi, J. *see* Gruhlke, R. 35933
Kedzia, J., Willner, B. Electrification current in the spinning disk system 47925
Kee, E.D. Risk-shifting and hidden costs in NUG power purchase contracts 8039
Kee, E.D. Economic shut-down of nuclear plants: recent case studies and industry outlook 8094
Kee, R.J., Irwin, G.W. Trellis based filtering 21811
Kee, R.J., Irwin, G.W. Investigation of trellis based filters for tracking 38141
Kee, R.J. *see* McCarty, K.F. 840
Kee Chaing Chua, Te Cheng Pang, Kin Mun Lye Performance analysis of idle-signal casting multiple access (ICMA) protocols under pure Rayleigh fading and no capture 13908
Kee Lim Kok *see* Kok Kee Lim
Kee Yang Seung *see* Seung Kee Yang
Kee-Soo Nam *see* Jong-Son Lyu 11192
Kee-Soo Nam *see* Yoon-Ho Song 9742
Keefe, D. New clock strategies for timing skew problems 10064
Keefe, M. *see* Chettri, S.R. 5043
Keefer, M.E. *see* Clark, W.D. 15212
Keeffe, W.M. *see* Moskowitz, W.P. 17595
Keefover, M.D. Reducing electric utility costs 39458
Keel, T.A. *see* Pearton, S.J. 19559
Keeler, R.J. *see* Chandrasekar, V. 39377
Keeler, W.J., Harrison, D.A., Dubowski, J.J. Substrate photoluminescence: an aid in the evaluation of pulsed laser evaporation and epitaxial growth of $Cd_{1-x}Mn_xTe$ epilayers on (111)GaAs 41278

Keeley, D. Transportation of digitally compressed signals in distribution networks 46241
Keeling, L.A. *see* Greenlief, C.M. 41393
Keeling, M.J. *see* Brindhaban, S.A. 38797
Keelty, M. *see* Takats, P. 37740
Keely, M. *see* Abbott, B. 7245
Keem, J. *see* Gutman, G. 28582
Keen, J.M. *see* Aylett, B.J. 42791
Keen, J.M. *see* Hurley, P.K. 19563
Keenan, D.M. *see* Grenander, U. 4879
Keenan, W.A. *see* Larson, L.A. 2027
Keene, M.N., Goodyear, S.W., Chew, N.G., Humphreys, R.G., Satchell, J.S., Edwards, J.A., Lander, K. Low-noise $YBa_2Cu_3O_7$-$PrBa_2Cu_3O_7$ multiturn flux transformers 20213
Keener, J.E. *see* Chilson, P.B. 39376
Keeney, R. *see* McDermott, T. 1068
Keere, V.Vande *see* Vande Keere, V.
Keerthipala, W. *see* McLaren, P.G. 32495
Keerthipala, W.W.L., Jayasinghe, R.P., McLaren, P.G., Lucas, J.R. A simulation model for capacitively coupled voltage transformers in relay studies 7989
Keery, W.J. *see* Postek, M.T. 10637
Keery, W.J. *see* Postek, M.T. 19316
Kees, N., Weinberger, M., Detlefsen, J. Doppler measurement of lateral and longitudinal velocity for automobiles at millimeter waves 6128
Keese, C.R. *see* Giaeve, I. 31323
Keese, W. *see* Borg, M. 19106
Keesen, H.-W. *see* de With, P.H.N. 38287
Keeton, K., Mah, B.A., Seshan, S., Katz, R.H., Ferrari, D. Providing connection-oriented network services to mobile hosts 22566
Keezer, D.C. MCM test using available technology 1755
Keezer, D.C., Wenzel, R.J. Calibration techniques for a gigahertz test system 6287
Kegel, A. *see* Hollemans, W. 45789
Kegel, A. *see* Prasad, R. 5774
Kegel, A. *see* Prasad, R. 5787
Kegel, A. *see* Wesselman, E. 30645
Kegel, A., Prasad, R. *(editors)* Proceedings IEEE First Symposium on Communications and Vehicular Technology in the Benelux 33255
Keh Kwang-Hee *see* Kwang-Hee Keh
Keh-Chiarng Huarng, Chien-Chung Yeh Gram-Schmidt forward-backward generalized sidelobe canceller 36644
Keh-Yih Su, Chin-Hui Lee Speech recognition using weighted HMM and subspace projection approaches 36612
Kehara, S. *see* Yamashita, K. 41905
Kehias, L. *see* Bayraktaroglu, B. 10439
Kehias, L. *see* Bayraktaroglu, B. 27204
Kehl, L.J. *see* Budai, D. 7426
Kehl, W., Maier, F., Chau, T., Schapeler, G., Bigham, J. Model based maintenance for telecommunication networks 37349
Kehl, W. *see* Hopfmuller, H. 14209
Kehne, D., Reiser, M. Measurements of space charge and finite geometry effects on emittance in the University of Maryland high perveance electron gun 15481
Kehoe, R. *see* Abbott, B. 7245
Kehoe, R. *see* Abbott, B. 31776
Kehr, D. The design of tracer heating elements for piping and containers 48469
Kehr, M., Breuer, H., Schettler, H. The new 800 MW lignite-fired units of VEAG and Boxberg and Schwarze Pumpe 32628
Kehr, M. *see* Schuster, H. 47702
Kehrli, U. *see* Leipold, D. 11896
Keidel, R. *see* Bachler, J. 46934
Keiding, S.R. *see* Pedersen, J.E. 23623
Keig, W.E. *see* Ganezer, K.S. 46941
Keijian Teng *see* Teng Keijian
Keijser, M.de *see* de Keijser, M.
Keil, E. Review of high energy e^+e^- colliders 15267
Keil, G. *see* Clausnitzer, G. 31621
Keil, G. *see* Clausnitzer, G. 31622
Keil, K., Niebert, N., Kugler, H.-J. The Mobilise enterprise model: foundation and application 37753
Keil, U.D., Dykaar, D.R., Kopf, R.F., Darack, S.B. Femtosecond reflectivity measurements and second harmonic generation in nonresonant excitation of photoconductive switches 43635
Keil, U.D. *see* Dykaar, D.R. 744
Keilers, C.H., Jr., Fu-Kuo Chang Damage detection and diagnosis of composites using built-in piezoceramics 33778
Keiller, R.A. *see* Allen, P.J. 38154
Keilson, J. *see* Ibe, O.C. 30203
Keinanen, H. *see* Torronen, K. 16500
Keinath, R. *see* Minoli, D. 26040
Keinonen, T., Riihola, P. Reprocessibility of dichromated gelatin reflection gratings 3937
Keinonen, T. *see* Salminen, O. 21097
Keinonen, T. *see* Schwider, J. 12457
Keishi, T. *see* Nishimura, E. 43974
Keissarian, F., Ibrahim, M.K., Daemi, M.F. Image coding and image activity measurement 4922
Keith, B.E. Perspectives on NFS file server performance characterization 45569
Keith, M.W. *see* Memberg, W.D. 24351
Kejriwal, H. *see* Thapar, B. 47028
Kekre, H.B. *see* Khalil, E.A. 45599
Keksz, W.O. *see* Pullen, J.L. 47163
Kelber, J.A. *see* Cheek, R.W. 829
Kelber, J.A. *see* Cheek, R.W. 18255
Kelbert, M.Ya. *see* Karpelevich, F.I. 17986
Kelch, J., Wein, B. Model based segmentation of the tongue surface using a modified scale space filter 31859
Kelekar, S.G., Hart, G.W. Synthesis of protocols and protocol converters using the submodule construction approach 14119
Kelemen, A., Imecs, M., Birou, I. Fuzzy controller for field-oriented robot drive with induction motor 17519
Kelemen, A. *see* Imecs, M. 40570
Keli Hu *see* Youyi Lin 44158
Kelkar, P. *see* Salokatve, A. 12146
Kella, O., Taksar, M.I. A heavy-traffic limit for the cycle counting process in G/G/1, optional interruptions and elastic screen Brownian motion 41050
Kellali, S., Jecko, B., Reineix, A. Implementation of a surface impedance formalism at oblique incidence in FDTD method 12564
Kellar, J. *see* Blood, W. 26209
Kelleher, P. *see* Matyas, R. 37737
Keller, B. *see* Koenemann, B. 1186
Keller, B.M. *see* Pfitzenmaier, G. 27141
Keller, C., Tadros, Y. Are paralleled IGBT modules or paralleled IGBT inverters the better choice? 8566
Keller, D. *see* Bonicel, J. 5997
Keller, D. *see* Krukar, R.H. 2147
Keller, E., Bukhman, J. A method for accelerating cycles of learning in the semiconductor equipment industry 9224
Keller, F.L. Basic electronic systems certification 39219
Keller, G.Y. *see* Denike, A.C. 8178
Keller, H. *see* Sagesser, K. 45740
Keller, J. *see* Abolhassan, F. 26933
Keller, J. *see* Rosenfield, M.G. 27934
Keller, J.H., Forster, J.C., Barnes, M.S. Novel radio-frequency induction plasma processing techniques 1986
Keller, J.M. *see* Chen, S.S. 21947
Keller, J.M. *see* Krishnapuram, R. 5126
Keller, P. Digital cellular networks 14476
Keller, P. *see* Adam, J. 47635
Keller, R. *see* Hauth, W. 27155
Keller, R.C. *see* Boone, T. 34708
Keller, R.G. *see* McMurray, R.E., Jr. 15633
Keller, T. *see* Wu, C.E. 2058
Keller, U. *see* Adams, L.E. 20805
Keller, U. *see* Ober, M.H. 3484
Kellerer, A.M. Nuclear energy in Europe and its radiologic effects 8046
Kellerman, D. Low temperature glass+ceramic fired to molded AlN heatsinks for high power IC packaging 17886
Kellermann, K., Willeke, G. Observation of silicon etch pit formation in quiescent concentrated aqueous HF solutions 42707
Kellermann, W. On the integration of subband echo cancellation into subband coding schemes 13095
Kelley, C. *see* Abbott, B. 7245
Kelley, D.F., Stutzman, W.L. Array antenna pattern modeling methods that include mutual coupling effects 36433
Kelley, D.F. *see* Bartz, M. 23483
Kelley, J.H. *see* Soures, J.M. 3410
Kelley, M. *see* Abbott, B. 31776
Kelley, M.C. *see* Chao-Song Huang 47259
Kelley, M.H. *see* Coakley, K.J. 4000
Kelley, P. Testing video processors 14784
Kelley, P. A fiber optic documentation system 46234
Kelley, R. *see* McCammon, D. 19924
Kelley, R. *see* Osterman, D.P. 24128
Kelley, R.L. *see* Audley, M.D. 24127
Kelley, R.L. *see* Stahle, C.K. 24036
Kelley, R.L. *see* Stahle, C.K. 24129
Kelley, R.L. *see* Szymkowiak, A.E. 24130
Kelley, W.D. *see* Fullett, K.D. 7520
Kelley, W.D. *see* Fullett, K.D. 7535
Kellie, J.D. *see* Lohmann, D. 46810
Kelliher, J.T., Bachmann, K.J. Chemical beam epitaxy of GaP using triethylgallium and tertiarybutylphosphine 41383
Kelliher, J.T., Thornton, J., Dietz, N., Lucovsky, G., Bachmann, K.J. Low temperature chemical beam epitaxy of gallium phosphide/silicon heterostructures 18189
Kelliher, T.P. *see* Owens, R.M. 36683
Kellner, A.L. *see* Costa, J.M. 30704
Kellner, A.L. *see* Lam, B.C. 20776
Kellner, E. *see* Forster, G. 23528
Kellner, E. *see* Frank, M. 24026
Kellner, E. *see* Nagel, U. 24049
Kellner, W. MESFETs and HEMTs for power MMICs 27312
Kello, J.E. *see* Harrington, D.K. 39770
Kells, K. *see* Fichtner, W. 2639
Kellum, R. *see* Eskeldson, D.D. 38596
Kelly, A., Ambikairajah, E. Hidden control neural networks and neural prediction models for the task of speaker verification 13047
Kelly, A. *see* Ambikairajah, E. 29518
Kelly, A.E. *see* Sherlock, G. 28489
Kelly, B. *see* Jennings, A. 11789
Kelly, C.E. *see* Hartman, R.F. 7551
Kelly, D. *see* Lowrey, T. 1236
Kelly, G.E. *see* Allred, L.G. 19197
Kelly, H.P. Linear drives 32882
Kelly, J. *see* Weber, R. 22436
Kelly, J.G., Griffin, P.J., Fan, W.C. Benchmarking the Sandia Pulsed Reactor III cavity neutron spectrum for electronic parts calibration and testing 33335
Kelly, J.J., Stebbins, R.D. PCB regulations and procedures for risk management including PCB clean-up policy and procedures 8478
Kelly, J.J. *see* Weckesser, J. 17237
Kelly, K. Transmission access, resource planning, and the energy policy act of 1992 32320
Kelly, L. *see* Goldstein, D.H. 32168
Kelly, L.G. *see* Ross, W.E. 28533
Kelly, M. *see* Redman, D.A. 10868
Kelly, M.A., Kapoor, S., Olson, D.S., Hagstrom, S.B. Diamond growth from sputtered atomic carbon and hydrogen gas 859
Kelly, M.A. *see* Olson, D.S. 1834
Kelly, M.B. TMN and the OMNIPoint programme 37328
Kelly, M.J. A second decade of semiconductor heterojunction devices 19704
Kelly, M.J. *see* Anthony, C.J. 20880
Kelly, M.J. *see* Chittipeddi, S. 2120
Kelly, M.J. *see* Chittipeddi, S. 2254
Kelly, M.J. *see* Tewordt, M. 42525
Kelly, M.T., Chun, J.K.M., Bocarsly, A.B. High efficiency chemical etchant for the formation of luminescent porous silicon 42705
Kelly, P. *see* Kaffashan, A. 32542
Kelly, P.M., White, J.M. Preprocessing remotely-sensed data for efficient analysis and classification 21922
Kelly, P.V. *see* Lynch, S. 2061
Kelly, R. The promise of VR for network management 5371
Kelly, S.M.J. *see* Brabec, T. 12080
Kelly, W.M. *see* Corbett, B. 20521
Kelly, W.M. *see* Corbett, B. 20555
Kelly, W.M. *see* Lyons, B.N. 1391
Kelly, W.M. *see* Lyons, B.N. 6413
Kelm, B.R. *see* Sims, R.I. 48316
Kelm, P. *see* Wilhelm Heuser, F. 25140
Kelner, G. *see* Dmitriev, V.A. 19652
Kelsey, J. *see* Kendall, H.W. 46970
Kelsey, S., Challipoyil, P. Mercury-free alkaline batteries 33001
Kelsey, T.P., Saluja, K.K., Lee, S.Y. An efficient algorithm for sequential circuit test generation 18678
Kelsh, M.A. *see* Sahl, J.D. 39112
Kelso, D. *see* Feldman, C.L. 24308
Kembo, Y. *see* Noguchi, M. 17931
Kemeny, P.C., Hubregtse, J., Wiskin, P. Small capacity optical fibre systems (SCOFS): a new field trial 38021
Kemeny, P.C. *see* Majewski, M.L. 35849
Keming Du, Loosen, P., Kochmann, H. Properties of a high-power CO_2-laser with an adaptive mirror 35940
Keming Zhao *see* Zhao Keming
Kemmather, B., Kraus, H., Jochum, J., Gutsche, M. Photolithographic fabrication of tunnel junction detectors 20201
Kemmather, B. *see* Jochum, J. 7297
Kemmather, B. *see* Jochum, J. 20199
Kemmather, B. *see* Jochum, J. 31724
Kemmather, B. *see* Kraus, H. 20189
Kemmather, B. *see* Kraus, H. 24133
Kemmer, J. *see* Verbitskaya, E. 24077
Kemmerling, R. *see* Schulz, W. 17628
Kemmeter, H. *see* Ipatov, P. 47686
Kemp, G.V., Broadhurst, A.D. Application of digital signal processing to acoustic simulation of auditoria 14850
Kemp, I.J. *see* Allan, M. 8452
Kemp, J.W. *see* White, S.W. 10196
Kemp, K. *see* Drew, M. 11042
Kemp, R. *see* Marlow, B.K. 6463
Kemp, R.C., Stringer, A., Zlatsin, Y. Estimation of temperatures during dry crosslinking of high voltage XLPE insulated cable 7959
Kempainen, S. Low-voltage-swing CMOS drives 100-MHz bus 42016
Kempel, L.C., Senior, T.B.A. Scattering by a small cavity-backed hole 21213
Kempel, L.C., Volakis, J.L. TM scattering by a metallic half plane with a resistive sheet extension 4045
Kemper, K.W. *see* Myers, E.G. 31642
Kempf, J. *see* Bender, M. 22564
Kempinski, W. *see* Rumpel, D. 39514
Kempkes, J., Sattler, P.K. Comparison of true running at different concepts of controlling brushless DC-motors 8846
Kempny, M., Vanek, O., Cervenak, J. Piezoresistance effect in $A^{III}B^{V}$ semiconductors 14979
Kempson, V.C. *see* Anderson, R.J. 6911
Kempson, V.C. *see* Wilson, M.N. 7113
Kempter, R. *see* Schirmacher, W. 1823
Kempton, E.A.J. *see* Begley, M. 14411
Ken Hsu *see* Chau-Jern Cheng 11753
Ken Q-Q Li, Pose, R. Ordered search—a new method of image compression with Kohonen networks 13771
Ken Yuh Hsu *see* Ching-Cherng Sun 11755

Ken-Cheng Zeng *see* Jun-Hui Yang 12967
Ken-ichi Hasegawa *see* Takahashi, H. 38994
Ken-ichi Hatekeyama, Hirada, T. Absorbing and shielding techniques of electromagnetic waves 21282
Ken-Ichi Sato *see* Tsong-Ho Wu 37259
Kenarangui, R., Tabatabayee, N.M. On-line electric power systems state estimation using Kalman filtering 16239
Kendall, H.W., Kelsey, J., Korytov, A., McCurley, D., Osborne, L.S., Rosenson, L., Ross, G.D., Taylor, F.E., Verdier, R., Wadsworth, B., Barabash, L.S., Bonushkin, Yu., Glebov, V., Golutvin, A., Gonzales, A., Milner, C., Mitselmakher, G., Murat, P., Villasenor, L., Yost, G. Tests of a muon chamber prototype based on limited streamer drift tubes 46970
Kendall, J. Object oriented techniques for lifecycle modelling of complex control systems 30521
Kendall, K. Composite SOFC designs for small scale cogeneration 17287
Kendall, P.C., Stern, M.S., Burke, S.V. Planar waveguide analysis by the spectral index method. I. Rib and uniformly buried waveguides 12680
Kendall, P.C. *see* Matin, M.A. 28479
Kendall, S. *see* Rhodabarger, D. 39906
Kendall, W.B., Stocker, A.D. Self-adaptive calibration for staring infrared sensors 31296
Kendelewicz, T. *see* Meissner, P.L. 1939
Keng Leng Goh An occlusion detection technique based on early surface information 21988
Ken'ichi Kubodera *see* Asobe, M. 35351
Kenington, P.B., Bennett, D.W. Living in harmony—industrial microwave heating and cellular radio 12637
Kenington, P.B., Parsons, K.J., Bennett, D.W. Broadband linearisation of high-efficiency power amplifiers 33912
Kenington, P.B. *see* Bennett, D.W. 23282
Kenington, P.B. *see* Bennett, D.W. 41692
Kenjo, T., Matsuyama, H., Yamakoshi, Y. Morphological effects on Pt/ZrO_2 fuel cell cathodes 40456
Kenjo, T. *see* Takahashi, H. 16884
Kenkare, P.U., Mazure, C., Hayden, J.D., Pfiester, J.R., Ko, J., Kirsch, H.C., Ajuria, S.A., Crabtree, P., Vuong, T. Scaling of poly-encapsulated LOCOS for 0.35 μm CMOS technology 35081
Kenmotsu, Y. *see* Kobayashi, J. 40293
Kenne, P., O'Kane, M. Micro-measures of speech recogniser effectiveness 13001
Kenne, P. *see* O'Kane, M. 4580
Kenne, P. *see* O'Kane, M. 13008
Kennedy, A.J. *see* Schleicher, R.W. Jr. 39844
Kennedy, A.J. *see* Simon, W.A. 47667
Kennedy, D.C., Quintana, V.H. Neural network regulators for synchronous machines 32845
Kennedy, D.N. *see* Worth, A.J. 39022
Kennedy, G.T., Grant, R.S., Sibbett, W. Self-mode-locked NaCl:OH^- color-center laser 3524
Kennedy, G.T., Pless, V. On designs and formally self-dual codes 29463
Kennedy, G.T. *see* Davies, D.A.O. 5975
Kennedy, G.T. *see* Fisher, M.A. 12404
Kennedy, G.T. *see* Grant, R.S. 3488
Kennedy, I., Thomson, E., Atherton, M., Rotter, K. On the use of 3D scanning and surface matching to locate patients undergoing radiotherapy planning and treatment 47068
Kennedy, J.J. *see* Vydyanath, H.R. 10791
Kennedy, K.J. The dilemma of US industrial research and development focusing on the short term 33290
Kennedy, M.P. Three steps to chaos. I. Evolution 26637
Kennedy, M.P. Three steps to chaos. II. A Chua's circuit primer 26638
Kennedy, M.P. Synthesis of continuous three-segment voltage-controlled piecewise-linear resistors for Chua's circuit family using operational amplifiers, diodes and linear resistors 33858
Kennedy, M.P., Chai Wah Wu, Pau, S., Tow, J. Digital signal processor-based investigation of Chua's circuit family 1247
Kennedy, M.P. *see* Dedieu, H. 29421
Kennedy, M.T., Cuellar, E., Roberts, D.R., Stipek, M. Stress-free aging of optical fiber in water and humid environments. II 2994
Kennedy, M.T. *see* Cuellar, E. 2987
Kennedy, M.T. *see* Cuellar, E. 3065
Kennedy, M.T. *see* Cuellar, E. 35366
Kennedy, R.A., Anderson, B.D.O., Bitmead, R.R. Blind adaptation of decision feedback equalizers: gross convergence properties 29578
Kennedy, R.A. *see* Crisafulli, S. 36581
Kennedy, R.A. *see* Pulford, G.W. 44853
Kennedy, R.S. *see* Alexander, S.B. 6055
Kennedy, S.A. Five ways to a smarter genetic algorithm 9426
Kennedy, S.P. *see* Hummels, D.M. 10238
Kennedy, S.P. *see* Musavi, M.T. 4638
Kennedy, T.A. *see* Molnar, B. 19506
Kennedy, T.A.B. *see* Mertens, C.J. 3818
Kennedy, W.K. *see* Clark, M.V. 37777
Kennedy, W.N., Girgis, R.S., Baldwin, C.J., Lindgren, S.R. New low-loss compact designs for large power transformers 40278
Kennedy, W.O. *see* Sachdev, M.S. 32418
Kennel, G., Snider, D. Gray-scale transformations of digital film data for display, conversion, and film recording 36883
Kenner, V.H. *see* Popelar, S.F. 929
Kennerly, S. *see* Graft, R. 11849
Kenney, A.S. *see* Garren, A.A. 46763
Kenney, C.J., Parker, S.I., Peterson, V.Z., Snoeys, W.J., Plummer, J.D., Chye Huat Aw A prototype monolithic pixel detector 46973
Kenney, C.S., Laub, A.J. Small-sample statistical condition estimates for general matrix functions 41161
Kenney, J.S., Hunt, W.D. A physically-based small-signal circuit model for heterostructure acoustic charge transport devices 2747
Kenney, J.S., Hunt, W.D. A small-signal equivalent circuit model for heterostructure acoustic charge transport devices 2778
Kenney, J.S. *see* Schoenbach, K.H. 11842
Kenney, J.S. *see* Schoenbach, K.H. 28621
Kenney, T.J., D'Luna, L.J., Milch, J.R., Brown, G.W., Cook, W.A., Shafer, M.E., Berarducci, T.N. A serial/parallel color matrix, 2D convolution and 9-Tap filter ASIC with a systems perspective 22168
Kenney, V. *see* Abbott, B. 7245
Kennington, J.L., Mohammadi, F. The singly constrained assignment problem: a Lagrangian relaxation heuristic algorithm 41088
Kennis, P. *see* Huret, F. 10389
Kennon, H.Z. Power facility site selection in the 1990s 32523
Kenny, P., Boulianne, G., Garudadri, H., Trudelle, S., Hollan, R., Lennig, M., O'Shaughnessy, D. Experiments in continuous speech recognition using books on tape 29560
Kenny, P. *see* Boulianne, G. 29561
Kenquan Zheng *see* Zheng Kenquan
Kent, A.J. *see* Brambilla, M. 35917
Kent, A.J. *see* Coates, A.B. 35650
Kent, J. *see* Spicher, T. 32831
Kent, J.T. *see* Arslan, O. 467
Kent, J.T. *see* Gough, J.J. 47074
Kent, M. *see* Sworder, D.D. 31297
Kent, S. *see* Votava, M. 46324
Kent, S.D. *see* Douglas, B.L. 16027
Kent, S.D. *see* Douglas, B.L. 32143
Kent, S.T. Internet privacy enhanced mail 5422
Kenyon, A.J. *see* Golan, G. 32123
Kenyon, D.A., Williams, J.E.B., Foster, H.M., Stefanov, J., Strelouhov, H. The performance of DECT under multipath channel conditions 30662
Kenyon, I. *see* Cronstrom, H. 31804
Kenyon, I. *see* Webster, K. 31792
Kenyon, I.R. Optoelectronic readout from LHC detectors 46983
Kenyon, W.G. Progress in the search for high yield/low waste materials and processes 27379
Keogh, D.B. The Sojourn times of variable bit-rate video coder models 36911
Keong, L.K. *see* Yew, K.T. 30371
Keong Chan Sze *see* Sze Keong Chan
Keough, S. *see* Reed, M. 8180
Kephart, R. *see* Abbott, B. 7245
Kepka, O. *see* Jiricka, K. 46147
Keplinger, F. *see* Urban, G. 46525
Keqi Zhang, Fengshan Zhang, Yixun Yan Problems of controlling the optical thickness of infrared coatings during deposition 11803
Keqi Zhang *see* Yixun Yan 47270
Keqiang Shen *see* Shen Keqiang
Ker Ming-Dou *see* Ming-Dou Ker
Ker-Chang Chang, Cheng-Kuan Tso Two-dimension template-based encoding for quadtree representation 13797
Ker-Chang Chang, H., Shing-Hong Chen Progressive image transmission by dynamic binary thresholding 45208
Ker-Chung Wann, Zalewski, J. Scheduling messages in real-time with application to the SSC Message Broadcast System 45629
Kerambrum, A. *see* He Zhiyong 46884
Keramidas, V.G. *see* Ramesh, R. 11372
Keramidas, V.G. *see* Ramesh, R. 28307
Keramidas, V.G. *see* Ramesh, R. 28337
Keramidas, V.G. *see* Ramesh, R. 33693
Keramidas, V.G. *see* Ramesh, R. 35136
Keramidas, V.G. *see* Ramesh, R. 43226
Keramidas, V.G. *see* Tanaka, M. 11449
Keratishvili, N.G. *see* Ginzburg, V.M. 15033
Keratishvili, N.G. *see* Ginzburg, V.M. 23915
Keravnou, C. *see* Tassou, S.A. 39957
Kerbelev, A.M., Nazin, A.V., Tsypkin, Ya.Z. Matrix algorithms of adaptation in neural networks 11726
Kerber, M. *see* Hauenschild, J. 14668
Kerboua, H., Sebille, D., Miserey, F. 1200 V snubberless symmetrical GTO for AC switches 2494
Kercan, V., Djelic, V., Mocnik, Z., Sturm, M. Hydro power plants on the Drava River in Slovenia. Two approaches for refurbishment 16712
Kercel, S.W., Muhs, J.D. Repeatable sensitivity of OTDR-based reentrant loop strain measurement using single-mode and graded-index fibers 31261
Kerdiles, J.-F. *see* Devaux, F. 43523
Kerdiles, J.F. *see* Devaux, F. 43408
Kerdiles, J.F. *see* Mathoorasing, D. 46012
Kerek, A. *see* Dell'Acqua, A. 7283
Kerek, A. *see* Dell'Acqua, A. 46998
Kerekes, I., Anido, G., Bradlow, H.S. Efficient transmission of high bursty data traffic in B-ISDN networks 37591
Kerekgyarto, S. *see* Eichler, H.J. 3745
Keren, D., Cooper, D., Subrahmonia, J. Describing complicated objects by implicit polynomials 36987
Keren, D., Werman, M. Probabilistic analysis of regularization 21941
Keresztes-Nagy, Z. Connection technique of optical thick films and optical fibers 20361
Keresztes-Nagy, Z., Harsanyi, G. Technology of optical waveguide thick films 35425
Kerfoot, I.B., Bresler, Y. Design and analysis of an information theoretic algorithm for vector field segmentation 4905
Kergosien, B. *see* Glotin, F. 7019
Keri, A.J.F. *see* Andrei, R.G. 32201
Kerins, W.J. Analysis of towed decoys 24572
Kerkhof, A.C., Spaans, E. Accounting in UMTS 22907
Kerkhof, J.C.van *see* van Kerkhof, J.C.
Kerkhoff, H.G. *see* Koopman, R.J.H. 18547
Kerkhoff, H.G. *see* van Brakel, G. 18662
Kerley, L.M. Adaptive Gaussian integration with the HP48S 601
Kerlirzin, P., Refregier, P. Robustness of linear multilayer neural nets: theoretical analysis and image compression application 13548
Kerman, N. *see* Mihuc, M. 16650
Kermani, A. *see* Thakur, R.P.S. 2175
Kermanshahi, B.S., Poskar, C.H., Swift, G., McLaren, P., Pedrycz, W., Buhr, W., Silk, A. Artificial neural network for forecasting daily loads of a Canadian electric utility 16269
Kermouche, R., Savaria, Y., Audet, D. Harvest model of an integrated hierarchical-bus architecture 41985
Kern, A., Kunz, U. Development of a modular simulation system for power electronics and control applications 8868
Kern, A., Kunz, U. A modular simulation system for power electronics and control applications 17492
Kern, A., Lux, K.-J., Kunz, U. Development of a simulation system for electrical drives and control applications 40547
Kern, D. *see* Ford, C.J.B. 27512
Kern, D. *see* Mii, Y. 43122
Kern, D.P. Surface modification and atomic manipulation with scanning microprobes 27998
Kern, D.P. *see* Ferrera, J. 27909
Kern, D.P. *see* Kim, H.S. 27404
Kern, D.P. *see* Rishton, S.A. 27550
Kern, D.P. *see* Rishton, S.A. 28164
Kern, F.W., Jr. *see* Itano, M. 10922
Kern, H.P. *see* Babi, J. 32977
Kern, R. *see* Jiles, D.C. 33780
Kern, R.S., Stockham, T.G., Jr., Strong, D.C. Descreening via linear filtering and iterative techniques 29756
Kern, R.S. *see* Rowland, L.B. 700
Kern, S. *see* Fuld, B. 8591
Kern, W. *see* Bar-Yam, Z. 46864
Kernan, T. Open networking in the nanosecond nineties 37480
Kerner, B.S. *see* Niedernostheide, F.-J. 28073
Kerner, W. *see* Keck, F.S. 6602
Kerns, D. A monolithic Si UV detector-dosimeter 15031
Kerns, Q.A. Electrical noise around accelerators 6893
Kerns, S.E. *see* Brown, A.O. 35077
Kerns, S.E. *see* Massengill, L.W. 34067
Kerns, S.E. *see* Milanowski, R.J. 34979
Kerouanton, A., Gambrell, A., Jumel, Y. New lithium-thionyl chloride spiral wound D-size cell for medium and high current applications 17160
Kerov, S. A q-analog of the hook walk algorithm for random Young tableaux 9374
Kerpez, K.J. Constellations for good diversity performance 12916
Kerr, D. *see* Girach, K. 14570
Kerr, D. *see* Kaufmann, G.H. 23944
Kerr, H. *see* Kasten, P.R. 39840
Kerr, I.D. For safety's sake: data acquisition in hostile environments 23465
Kerr, J. *see* Kimpton, D. 19845
Kerr, P.L. *see* Myers, E.G. 31642
Kerr, R. CDMA digital cellular 30620
Kerr, R. The CDMA digital cellular system---an ASIC overview 37765
Kerr, T.H. Emulating random process target statistics (using MSF) 44868
Kerridge, B. Thermal analysis enlists fluid dynamics 26204
Kerridge, B. EMC components administer first aid 36257
Kerrison, A., Adcock, N. A structured approach to operations and maintenance of the access network 5363
Kerry, J. *see* Hornung, S. 5629
Kersch, A., Morokoff, W., Werner, C. Selfconsistent simulation of sputter deposition with the Monte Carlo method 33705
Kersey, A.D. *see* Davis, M.A. 31246
Kersey, A.D. *see* Marrone, M.J. 6515

Kersey, A.D. *see* Sirkis, J.S. 20306
Kershaw, S.M., Sandler, M.B. Sigma-delta modulation for audio DSP 23356
Kershaw, S.M., Sandler, M.B. Simulation of sigma-delta data converters using SPICE 42006
Kershner, R.L., O'Brien, B. Training operators the American way [nuclear plants] 16518
Kershulis, S., Mykolaitis, G., Paulvichius, G., Reklaitis, A. Monte Carlo study of steady state and transient electron transport in GaAs FET's 43021
Kersjes, R., Eichholz, J., Langerbein, A., Manoli, Y., Mokwa, W. An integrated sensor for invasive blood-velocity measurement 7321
Kerslake, T.W., Quinn, R.D. Solar dynamic modules for Space Station Freedom: the relationship between fine-pointing control and thermal loading of the aperture plate. II. Results 24440
Kerslake, T.W. *see* Quinn, R.D. 24443
Kersley, L., Heaton, J.A.T., Pryse, S.E., Raymund, T.D. Experimental ionospheric tomography with ionosonde input and EISCAT verification 47245
Kersley, L. *see* Raymund, T.D. 7621
Kerslick, G. *see* Kuang, E. 1807
Kersten, H., Snijkers, R.J.M.M., Schulze, J., Kroesen, G.M.W., Deutsch, H., de Hoog, F.J. Energy transfer from radio frequency sheath accelerated CF_3^+ and Ar^+ ions to a Si wafer 42683
Kersten, P., Glaw, V., Reichl, H. Excimer laser structuring of epoxy resin layers for MCM-L applications 10562
Kersten, T. *see* Beyer, H.A. 23701
Kersten, W.J. *see* Craciun, V. 34723
Kersting, K.J. *see* Smith, R.C. 8184
Kersz, I. *see* Apanasewicz, S. 44250
Kertamus, N.J. *see* Schlager, R.J. 16654
Kervalishvili, P.D. *see* Bykovskii, Yu.A. 38438
Kervarrec, J. *see* Borgne, M. 30808
Kervrann, C., Heitz, F., Bouthemy, P. A Markovian approach to non-supervised segmentation of textured natural images 22286
Keryer, G. *see* Guibert, L. 33126
Kerzhentseva, N.P. *see* Voronenko, V.P. 14585
Kesan, V.P. *see* Anwar, A.F.M. 19889
Kesan, V.P. *see* Arienzo, M. 11161
Kesan, V.P. *see* Bassous, E. 1891
Keser, H.O. *see* Lambilly, H.D. 2649
Keshav, S. *see* Berenbaum, A. 5471
Keshava Murthy, V., Madhu Kumar, K., Vani, M.B., Jagadish Kumar, D., Mohan, C.S., Prasanna, B.S. A 2K×1K space switch ASIC for use in digital exchanges 45710
Kesidis, G. Modeling to obtain the effective bandwidth of a traffic source in an ATM network 37079
Kesidis, G., Walrand, J. A review of quick simulation methods for queues 22331
Kesidis, G., Walrand, J., Chang, C.-S. Effective bandwidths for multiclass Markov fluids and other ATM sources 22309
Keskitalo, N., Hallen, A. Resistivity profile measurements of proton-irradiated n-type silicon 19330
Kesler, L. *see* deFigueiredo, R.J.P. 39144
Kesler, S. *see* Ben-Yaakov, S. 7626
Kessal, L. *see* Demigny, D. 41928
Kessel, W., Schumacher, B. NO_x reduction with primary and secondary measures 39963
Kessel'man, I.G. *see* Zhilyaev, B.E. 31227
Kessener, Y.A.R.R. *see* Pulsford, N.J. 19755
Kessener, Y.A.R.R. *see* Pulsford, N.J. 34599
Kessi, O., Nencib, S. Etching of Si(111) by SF_6 plasma in a triode RF (13.56 MHz) multipolar reactor 2190
Kessler, D.H., McGough, K., Basch, T., Bangham, M., Mitchell, P. Improved NO_x control through the application of expert system technology 8183
Kessler, C. *see* Olivera, G.H. 24379
Kessler, D., Boucherok, F. HDTV subband & DCT coding schemes; an efficiency comparison 38295
Kessler, F. *see* Zedlitz, R. 33714
Kessler, I., Krishna, A. On the cost of fairness in ring networks 5483
Kessler, I. *see* Bar-Noy, A. 5818
Kessler, I. *see* Bar-Noy, A. 45816
Kessler, L.W. *see* Martell, S.B. 40932
Kessler, L.W. *see* Semmens, J.E. 9276
Kessler, L.W. *see* Wey, A.C. 9838
Kessler, T., Komp, G. Design of rotationally invariant C-8/4 trellis codes 29453
Kessler, T.J., Lin, Y., Armstrong, J.J., Velazquez, B. Phase conversion of lasers with low-loss distributed phase plates 35949
Kessler, T.J. *see* Armstrong, J.J. 36038
Kessler, T.J. *see* Lin, Y. 35944
Kessler, T.J. *see* Skupsky, S. 35932
Kessler, T.J. *see* Soures, J.M. 3410
Kessler, T.J. *see* Yung-Ho Chuang 35945
Kessler, W.J. *see* Davis, S.J. 28697
Kessler, W.J. *see* Miller, H.C. 28696
Kessling, G., Birnbacher, D., Berg, C. A weighing device for use on a ship 15222
Kester, J.E. Some limitations of object-oriented design 17797
Kester, J.J. *see* Brauer, M.L. 35990
Kester, L.J.H.M. *see* Zondervan, A. 46867
Kester, O., Rao, R., Rinolfi, L. Beam emittance measurement from CERN thermionic guns 7137
Kester, R.C. *see* Greenstein, D. 47059
Kester, W. *see* Bruce, I. 10230
Kesteren, H.W.van *see* van Kesteren, H.W.
Kesterson, J.W. Relative-phase modeling speeds SPICE simulation of modulated systems 18530
Kesti, S. *see* Ahtianen, A. 30235
Keswick, P. *see* Givens, J. 43093
Keszegh, L. *see* Hyben, P. 1388
Ketabchi, M. *see* Marshall, G.F. 46556
Ketata, K. *see* Ketata, M. 1946
Ketata, M., Ketata, K., Dubon-Chevallier, C., Debrie, R. Deposition and etching of refractory ohmic contacts to GaAs for self-aligned technology 1946
Ketcham, M.G. An integrated environment for modeling large scale electronics manufacturing 280
Ketchel, J., Naser, J. A human factors view of new technology in nuclear power plant control rooms 39761
Ketchen, M.B. *see* Foglietti, V. 28411
Ketchpel, R.D. *see* Watson, G.W. 6671
Ketchum, J.W. *see* Leung, Y.S. 21585
Ketchum, J.W. *see* Liu, Y.-J. 5766
Ketel, T.J. *see* Blok, H.P. 38935
Ketseoglou, T. Certain generalizations on the slotted collision channel without feedback 45305
Ketterson, A.A. *see* Ballegeer, D.G. 10902
Ketterson, A.A. *see* Morikuni, J.J. 35633
Ketterson, A.A. *see* Nummila, K. 2598
Ketterson, J.B. *see* Fulin Xiong 21023
Ketterson, J.B. *see* Rippert, E.D. 23603
Ketterson, J.B. *see* Yi, X.J. 33637
Kettle, L.J. *see* Judd, D.A. 7284
Kettleborough, J.G., Smith, I.R., Al-Hadithi, K., Vahder, V.V. Current profiling for torque pulsation minimisation in brushless DC motor drives 48279
Kettleborough, J.G. *see* Abdulrahman, S.M. 25860
Keun Gil Sang *see* Sang Keun Gil
Keun Ryu Hyung *see* Hyung Keun Ryu
Keun Wook Jung, Don Wook Kim, Sang Keun Gil, Han Kyu Park Surface flatness test using 2-bucket algorithm phase-shifting interferometry 46608
Keunings, R. *see* de Souza, C.C. 26382
Keunseop Park *see* Soon-Gul Lee 43358
Keur, J.M.van der *see* van der Keur, J.M.
Keusseyan, R.L., Dilday, J.L. Electric contact phenomena in conductive adhesive interconnections 19238
Keusseyan, R.L., Dilday, J.L. Barrier thick film approach for the enhancement of thermal cycling reliability of soldered thick films 19253
Keusseyan, R.L., Dilday, J.L. Electric contact phenomena in conductive adhesive connections 34423
Keusseyan, R.L., Dilday, J.L. Thermal cycling reliability of electronic interconnections for automotive 'under-the-hood' applications 40634
Keuter, M. *see* Finders, J. 9634
Keutgens, W. *see* Wu, J. 18572
Keutzer, K. *see* Ashar, P. 1138
Keutzer, K. *see* Cheng, K.-T. 10093
Keutzer, K. *see* Devadas, S. 26803
Keutzer, K. *see* Devadas, S. 26804
Keutzer, K. *see* Devadas, S. 26861
Keutzer, K. *see* Devadas, S. 41605
Keutzer, K. *see* Shen, A. 26874
Kevorkian, P. Snapshots of dynamical evolution of attractors from Chua's oscillator 26736
Kewitsch, A., Segev, M., Yariv, A., Neurgaonkar, R. Controlled, periodic domain formation in strontium barium niobate induced by volume holograms 21119
Kexheng Wang *see* Wang Kexheng
Kexin Chen *see* Chen Kexin
Kexiong Tan *see* Tan Kexiong
Kexun Jiang *see* Jiang Kexun
Key, J.R. Estimating the area fraction of geophysical fields from measurements along a transect 32065
Key, M.H. *see* Cairns, G. 35648
Key, M.H. *see* Danson, C.N. 3569
Key, M.H. *see* Houliston, J.R. 20655
Key, M.H. *see* Shaw, M.J. 3423
Key, M.H. *see* Wark, J.S. 35644
Key, M.H. *see* Zhang, J. 3454
Key, M.H. *see* Zhang, J. 3455
Key, M.H. *see* Zhang, J. 20651
Key, P.L. *see* Yuce, H.H. 5922
Key, T.S., Lai, J.-S. Comparison of standards and power supply design options for limiting harmonic distortion in power systems 7702
Key Lee Moon *see* Moon Key Lee
Keyes, L.A. An evolutionary role for small comsats 30687
Keyhani, A. *see* Tumageanian, A. 25410
Keys, L.K. *see* Hirschfeld, R.A. 40840
Keyser, R. *see* Muller, H. 46319
Keyser, R.M. *see* Twomey, T.R. 38837
Keyser, V.De *see* De Keyser, V.
Kezai, T., Vander Vorst, A. Modeling resonance in waveguide-to-microstrip junctions by unilateral fin line resonators 42164
Kezos, A. *see* Mardapittas, A.S. 47293
Kezunovic, M. New approaches to expert system utilization for fault diagnosis 47593
Kezunovic, M., Kojovic, L., Abur, A., Fromen, C.W., Sevcik, D.R., Phillips, F. Experimental evaluation of EMTP-based current transformer models for protective relay transient study 47936
Kezunovic, M., Rikalo, I., Fromen, C.W., Sevcik, D.R. Expert system reasoning streamlines disturbance analysis 47610
Kezunovic, M., Spasojevic, P. An expert system for DFR file classification and analysis 39676
Kezunovic, M., Spasojevic, P., Fromen, C.W., Sevcik, D.R. An expert system for transmission substation event analysis 32507
Kezunovic, M. *see* Phadke, A.G. 47608
Khabakhpashov, A.G. *see* Martinez-Davalos, A. 7342
Khabarov, E.N. *see* Aksyutenkov, V.A. 20912
Khabayev, P.V. *see* Larkin, S.Y. 15185
Khabibullin, I.G. *see* Man'ko, V.S. 10753
Khabipov, M.I. *see* Kaplunenko, V.K. 20184
Khachai, O.A. *see* Novgorodova, E.N. 47221
Khachan, J., Pigott, J.R., Brand, G.F., Falconer, I.S., James, B.W. A simple microwave plasma source for diamond deposition 869
Khachatrian, L.H. *see* Blaum, M. 36521
Khachatryan, V.K. *see* Kalinin, N.D. 14364
Khachaturov, B.A. *see* Kachanov, V.A. 7163
Khachen, W., Suthar, J., Laghari, J.R., Sarjeant, W.J. High energy density capacitor dielectric mismatch and aging characteristics 17147
Khachen, W., Suthar, J., Stokes, A., Dollinger, R., Dunbar, W.G. Aerospace-specific design guidelines for electrical insulation 24408
Khachen, W. *see* Hammoud, A.N. 43150
Khadem, M., Ipakchi, A., Alexandro, F.J., Colley, R.W. Application of neural networks to validation of feedback flow rate in a nuclear power plant 32615
Khadilkar, S.V. *see* Bhargava, R. 8118
Khadim, M. *see* Dammel, R. 11065
Khadjivanov, L.P., Taskov, B.T., Aliazidi, A.A., Tsankov, B.P. Application of priority queueing mechanisms to ATM multiplexing and traffic control 13880
Khadkikar, P. The principles and properties of thermostat metals 1653
Khadr, A. *see* Baudron, J. 22419
Khadra, L., Dickhaus, H., Lipp, A. Representations of ECG—late potentials in the time frequency plane 39043
Khadzhi, B.A. Most effective signal-like interference for distinguishing orthogonal signals 4677
Khageh, M., Trenner, A. Brake control and active input voltage protection in vehicles on DC mains 25899
Khaidukov, N.M. *see* Kaminskii, A.A. 3497
Khaimov, G.M. *see* Kuzhekov, S.L. 16922
Khairnar, R.S., Sharma, A.K., Mathew, R., Tyagi, M.S., Kumar, M., Naik, R.N., Chopra, A.K. Fabrication and characterisation of type-M dispenser cathodes for microwave tubes 27424
Khaitun, F.I., Pleshanov, Y.V. Discrete signal storage in laser radars 14715
Khaitun, F.I. *see* Pikkel, E.V. 12505
Khajanchee, A. *see* Shrivastava, P.K. 9968
Khajeh-Noori, Y. *see* Davis, C. 11301
Khajehnouri, K. *see* Bahuguna, R.D. 3914
Khakani, M.A.El *see* El Khakani, M.A.
Khakimov, M. *see* Yunusov, M.S. 10849
Khakzar, K. V5 interfaces between digital local exchanges and access networks 37263
Khalab, J.M., Ibrahim, M.K. Enhanced beamforming techniques for broad-band satellite applications 14550
Khalaj, B.H., Aghajan, H.K., Kailath, T. Automated direct patterned wafer inspection 435
Khalaj, B.H., Aghajan, H.K., Kailath, T. Digital image processing techniques for patterned wafer inspection 17929
Khaldi, M.R., Sarkar, A.K., Lee, K.Y., Park, Y.M. The modal performance measure for parameter optimization of power system stabilizers 32221
Khaled, E.E.M., Chowdhury, D.Q., Hill, S.C., Barber, P.W. Transient internal and scattered fields of a sphere illuminated with a pulsed Gaussian beam 44294
Khalfet, J., Chemouil, P. Application of fuzzy control to adaptive traffic routing in telephone networks 45484
Khalfin, V.B. *see* Garbuzov, D.Z. 35827
Khalid, M. *see* Khalil, E.A. 45599
Khalidi, A., Lafage, B., Taxil, P., Clifton, M.J. Water transport in the porous electrodes of a hydrogen-oxygen fuel cell 33015
Khalifa, A.M.A. *see* Sabbagh, J.A. 16662
Khalil, D., Tedjini, S. An electrooptic switching structure on III-V semiconductors using the coherent coupling of radiation modes 3175
Khalil, D. *see* Tedjini, S. 30768
Khalil, E.A., Khalid, M., Kekre, H.B. Data traffic in a new centralized switch node architecture for LAN 45599
Khalil, H.S. *see* El-Bakry, M. 40562
Khalil, H.S. *see* Shehata, S.A. 33901
Khalil, I.S. *see* Lumetta, S. 47399
Khalil, M.S. High voltage direct current cables with polymeric insulation: the state of the art 16320

Khalili, P., Jain, R. Using a sequence of intensity and texture images to form an environment model for navigation 22223
Khalimov, G.Z. *see* Belov, S.P. 30700
Khalladi, M. *see* Porti, J.A. 44606
Khamankar, R. *see* Kim, J. 28254
Khambadkone, A.M. *see* Holtz, J. 40321
Khamisy, A. *see* Cidon, I. 5203
Khamisy, A. *see* Cidon, I. 37074
Khammash, M.H. *see* Vittal, V. 39474
Khamsehpour, B., Davies, S.T. Angle lapping of multilayer structures for thickness measurements using focused ion beam micromachining 34662
Khan, A., Rajan, P.K. Design of SLM-constrained MACE filters using simulated annealing optimization 36858
Khan, A.A. *see* Al-Akhras, M.A. 43010
Khan, A.A. *see* Mohibullah 25785
Khan, A.H. *see* Bhargava, B. 25018
Khan, A.J. *see* Prasad, M. 47493
Khan, A.M. Problems and policies for transitional economies 179
Khan, H.U., Ahmad, J., Mahmood, A., Fatmi, H.A. Text compression as rule based pattern recognition 13482
Khan, H.U., Fatmi, H.A. Text compression using rule based encoder 36500
Khan, I., Ferguson, B. The Reliability Centered Maintenance Program at Ontario Hydro's Bruce Nuclear Generating Station A 16571
Khan, I., Robertson, R. Work sampling studies Bruce Nuclear Generating Stations 'A' and 'B' 16541
Khan, M.A. An overview of System X exchange 14335
Khan, M.A. High responsivity photoconductive GaN ultraviolet detectors 23582
Khan, M.A. Public relations in telecommunication 37209
Khan, M.A. Rural electronic exchanges 37678
Khan, M.A., Bhattarai, A., Kuznia, J.N., Olson, D.T. High electron mobility transistor based on a GaN-$Al_xGa_{1-x}N$ heterojunction 2566
Khan, M.A., Kuznia, J.N., Bhattarai, A.R., Olson, D.T. GaN-$Al_xGa_{1-x}N$ heterostructures deposition by low pressure metalorganic chemical vapor deposition for metal insulator semiconductor field effect transistor (MISFET) devices 18265
Khan, M.A., Kuznia, J.N., Olson, D.T., Blasingame, M., Bhattarai, A.R. Schottky barrier photodetector based on Mg-doped *p*-type GaN films 15010
Khan, M.A. *see* Adesida, I. 2185
Khan, M.Abdullah *see* Abdullah Khan, M.
Khan, M.Asif *see* Asif Khan, M.
Khan, Md.Rezwan *see* Rezwan Khan, Md.
Khan, M.F. *see* Ahsan, J. 527
Khan, M.F. *see* Khan, M.R. 28294
Khan, M.H. *see* D'Souza, K. 22813
Khan, M.I. *see* Azzam-ul-Asar, J.R. 24854
Khan, M.J. Interactive manufacturing & costing system (I-MACS) for multi-pair telecommunication cables 5707
Khan, M.R., Khan, M.F. An alternate layer matching technique for dielectric materials 28294
Khan, M.S., Swartzlander, E. Design and implementation of an interface control unit for rapid prototyping 18756
Khan, O.S., Mahmood, S., Bowdler, K., Tatam, R.P. An interferometric technique for measuring the frequency response of optical detector-amplifier combinations 23553
Khan, O.S., Tatam, R.P. Optical frequency shifter based on stimulated Brillouin scattering in a birefringent optical fibre ring resonator 3825
Khan, P.K.S. *see* Basher, E. 47844
Khan, R. *see* Uddin, B. 16831
Khan, R.H., Gill, E.W., Saoudy, S.A., Hickey, K., Dawe, B.J., Walsh, J. Experimental results from a long-range HF ground wave coastal surveillance radar 23181
Khan, R.R. *see* Noel, E. 13606
Khan, R.U. *see* Biur, A.P. 28302
Khan, S., McDonald, J.R., Farrell, J. Automation of interlocking management systems in distribution substations 8717
Khan, S. *see* Rai, S. 13747
Khan, S.A., Qu, D.N., Burge, R.E. Experimental analysis of diffraction by wavelength-sized metallic gratings in the microwave region 29122
Khan, S.A. *see* Briggs, P.R., Jr. 5708
Khan, S.H., Abdullah, F. Finite element modelling of electrostatic fields in process tomography capacitive electrode systems for flow response evaluation 46680
Khan, S.H., Ivanov, A.A. Calculation of static characteristics of linear step motors for control rod drives of nuclear reactors—an approximate approach 8813
Khan, S.I., Khan, S.R., Rahman, M.A. Analysis of a three phase direct frequency changer for input unbalance correction 16958
Khan, S.R. NO_x reduction technologies for fossil power plants, lessons learned 39964
Khan, S.R. *see* Khan, S.I. 16958
Khan, W., Hossain, M., Sherwani, N. Minimum skew multiple clock routing in synchronous ASIC systems 18558
Khan, W., Hossain, M., Sherwani, N. Zero skew clock routing in multiple-clock synchronous systems 26770
Khan-Cheema, U.M., Klipstein, P.C., Austing, D.G., Smith, J.M., Mason, N.J., Walker, P.J., Hill, G. Interface effects, band overlap and the semimetal to semiconductor transition in InAs/GaSb interband resonant tunnelling diodes 42852
Khanarian, G., Mortazavi, M.A., East, A.J. Phase-matched second-harmonic generation from free-standing periodically stacked polymer films 3834
Khandani, A.K., Kabal, P. Shaping multidimensional signal spaces. I. Optimum shaping, shell mapping 44640
Khandani, A.K., Kabal, P. Shaping multidimensional signal spaces. II. Shell-addressed constellations 44849
Khandekar, A.B., Patil, N.B., Chandra, A.K. Design of software for a safety system—RAPP-3 CTM 16534
Khandekar, A.B. *see* Ganesh, G. 16556
Khandelwal, G.S. *see* Lamkin, S.L. 47167
Khandkar, A. *see* Hartvigsen, J. 17317
Khandkar, A. *see* Milliken, C. 17343
Khangura, K.S., Middleton, N.V., Ollivier, M.M. Vehicle anti-theft system uses radio frequency identification 25925
Khanifar, A., Anand, V., Parker, A.E. Photoparametric amplifier/converter in lightwave communication systems 30746
Khanifar, A. *see* Anand, V. 5936
Khanifar, A. *see* Anand, V. 41569
Khanifar, A. *see* Andreu, O. 5795
Khanin, Ya.I., Koryukin, I.V. Instabilities and chaos in the multimode lasers 12281
Khanin, Yu.N. *see* Larkin, I.A. 42840
Khanna, M.K. *see* Haldar, S. 28128
Khanna, S. Redefining accuracy [PC design] 19211
Khanna, S.M., Rejeb, C., Jorio, A., Parenteau, M., Carlone, C., Gerdes, J.W., Jr. Electron and neutron radiation-induced order effect in gallium arsenide 34513
Khanna, S.M. *see* Webb, J.B. 10663
Khanniche, M.S., Lake, I.D.W. Real time hysteresis controller for relay testing 39670
Khannur, A.M., Kameshwar, E.V. Speech recognition 21678
Khanov, D., Andreev, A.A., Mavlyanov, R.K., Turgunov, T., Charykuliev, A. Injection *p-i-n* light emitting diodes in wide-gap amorphous hydrogenated silicon-carbon alloys 20552
Khanov, D., Andreev, A.A., Mavlyanov, R.K., Turgunov, T., Charykuliev, A. Tunneling mechanism of injection and current transfer in *p*-DiDn light-emitting structures based on amorphous hydrogenerated alloys 20553
Khansari, M. *see* Peifang Zhou 30068
Khansari, M.R.K., Leon-Garcia, A. A fast algorithm for optimal linear interpolation 13224
Khansari, M.R.K., Leon-Garcia, A. Subband decomposition of signals with generalized sampling 44742
Khanwilkar, P. *see* Bearnson, G.B. 15923
Khaparde, S.A., Parnerkar, A., Hiremath, N.S., Sheshaprasad, B.J. Adaptive training of artificial neural network 32205
Khaparde, S.A., Warke, N., Agarwal, S.H. Adaptive relaying using artificial neural network 16452
Kharadly, M.M.Z., Chan, A.Y. Proposed microwave technique for on-line measurement of moisture content in green lumber 31396
Kharas, D. *see* Mil'shtein, S. 17400
Kharbat, A.M. *see* Mahmoud, S.F. 43398
Kharbina, I.L. *see* Gerasimov, V.I. 8068
Kharchenko, A.T. *see* Zotov, A.V. 19623
Kharchenko, I.P. *see* Vinogradov, E.M. 44398
Khardekar, R.K. *see* Rai, V.N. 47994
Khare, A., Yoshikawa, T. A new moment-based method for low noise ordering of cascade form FIR digital filter 13467
Khare, A., Yoshikawa, T. A new ordering method for FIR filters based on finite word length effect on moments of impulse response 27080
Khare, A. *see* Yoshikawa, T. 1338
Khare, J., Griep, S., Oberle, H.-D., Maly, W., Schmitt-Landsiedel, D., Kollmer, U., Walker, D.M.H. Key attributes of an SRAM testing strategy required for effective process monitoring 10176
Khare, N. *see* Khare, S. 35266
Khare, P.K., Shrivastava, S., Srivastava, A.P. A study of electrical conduction in solution grown doped ethyl cellulose films 43212
Khare, R., Hu, E.L., Brown, J.J., Melendes, M.A. Micromachining in III-V semiconductors using wet photoelectrochemical etching 27749
Khare, R., Young, D.B., Hu, E.L. Limitations to the bandgap-selective photoelectrochemical etching of GaAs/$Al_xGa_{1-x}As$ heterostructures 19617
Khare, S., Gupta, A.K., Khare, N. Studies on YBCO and BSCCO thick film RF-SQUIDS at liquid nitrogen temperatures 35266
Kharinov, M.I. *see* Kolyadin, N.M. 25853
Kharisov, G.G. *see* Bezotosnyi, V.V. 43942
Kharitonov, V.V. *see* Vydai, A.V. 26191
Kharkovskiy, A.V. *see* Konz, F. 3570
Kharkovsky, A.V. *see* Fefelov, A.P. 3192
Kharlanov, Yu.Ya. *see* Vasilenko, Yu.N. 12740
Kharlashkin, I.A. *see* Tunik, A.A. 5536
Kharton, V. *see* Shuk, P. 6644
Khartsiev, V.E. *see* Kasherininov, P.G. 11832
Kharzheev, Yu. *see* Budagov, J. 46955
Khasanov, O.K., Smirnova, T.V., Fedotova, O.M., Korolev, A.E. Recording and reading of information by ultrashort light pulses in optically dense resonant media 11567
Khasnabish, B. A new method for evaluating packet routing policies in supra-high-speed metropolitan (or wide) area networks 30401
Khasnabish, B., Ahmadi, M., Hlynka, M., Shridhar, M. Trading nodal storage capacity with incremental transmission capacity 5222
Khasnabish, B. *see* Erfani, S. 18869
Khastgir, P. *see* Choudhury, P.K. 36324
Khastgir, P. *see* Ojha, S.P. 3135
Khater, M.M. *see* Green, T.C. 40520
Khatib, H. Renewable energy in developing countries 25109
Khatib, H. Electrification for developing countries 39525
Khatibzadeh, A. *see* Costa, D. 42877
Khatibzadeh, A. *see* Liu, W. 1507
Khatibzadeh, A. *see* Liu, W. 19070
Khatir, Z. *see* Hampikian, P. 2432
Khatizbadeh, A. *see* Liu, W. 34261
Khatri, F.I. *see* Doerr, C.R. 28465
Khatri, R.K. High resolution aerial imaging and surveillance 38355
Khatskelevich, I.G. *see* Kudryashov, R.A. 9069
Khatskelevich, Ya.D., Berezkin, V.V., Kichayev, L.N. The noise immunity of FM-4 signals in a channel with a repeater 29668
Khattak, A.S. Refracting type laser beam scanner with minimum across-scan error 12501
Khattib, N. *see* Sinchuk, O.N. 40687
Khavin, N.G. *see* Arapov, L.N. 15283
Khavroshin, D.L., Manenkov, A.A., Popov, S.Yu., Sokolov, S.Yu. Pulsed laser excited microwave photoconductivity applications to high resolution defect diagnostics of ion and laser beam modified semiconductor surface 20515
Khaw, H.C., Loh, H.T., Nee, A.Y.C. A framework for an intelligent design tool for the IC encapsulation mould 9294
Khawaja, R. *see* Bhingarde, S. 43074
Khayata, R., Chia-Chi Huang Characterizing wireless indoor communications: measurements in the ISM bands with a directional antenna 36184
Khazan, L.S. *see* Tkhorik, Yu.A. 19439
Khazins, D.M. *see* Fanourakis, G.K. 24011
Khe Tszin-Lyan *see* U Vei-Khan 39668
Khebir, A. *see* Kobeissi, H. 19711
Khebir, A. *see* Kouki, A.B. 34211
Kheifets, S. *see* Ruth, R.D. 46776
Kheifets, S.A. *see* Heifets, S.A. 36330
Khelfa, A. *see* Julien, C. 42453
Kheng, K. *see* Bassani, F. 10848
Kheong Siew Chee *see* Siew Chee Kheong
Kher, S.S. *see* Hwang, S.-D. 42784
Kheradpir, S., Stinson, W., Vucetic, J., Gersht, A. Real-time management of telephone operating company networks: issues and approaches 30332
Khermosh, G. *see* Kronik, L. 35935
Kheruvimov, A.N. *see* Alekseev, I.N. 46922
Khesin, M., Johnson, S.A. Combustion control: new environmental dimension 32703
Khesin, M. *see* Rubashkin, A.S. 32687
Khetan, A. *see* Tipper, D. 37499
Khiara, A. *see* Chahboun, N. 41424
Khiari, F.Z., Abdel-Aal, R.E., Muhammad, R. Beam emittance reconstructions at the KFUPM 350 keV ion accelerator 46809
Khiari, F.Z. *see* Aksoy, A. 31674
Khiari, F.Z. *see* Phelps, R.A. 38798
Khichenko, V.I. *see* Safronova, O.G. 23734
Khilenko, V.V. A new method of calculating the transient and steady-state values of the probabilities of a state in data-transmission systems 30161
Khil'ko, G.I. *see* Luchvich, A.A. 23905
Khil'ko, G.I. *see* Lukhvich, A.A. 16038
Khilo, N.A. *see* Goncharenko, A.M. 3708
Khim, S.Y. *see* Lam, D. 10178
Khimchenko, M.Yu. *see* Sazhin, S.V. 25649
Khimmatkulov, O. *see* Abduraimov, A. 11139
Khincha, H.P. *see* Govinda Rao, C. 40086
Khincha, H.P. *see* Sreerama, K.R. 32261
Khitko, V. *see* Kovyazina, T. 41251
Khitrova, G. *see* Boggavarapu, D. 12249
Khitrova, G. *see* Lee, S.G. 28984
Khizhnyak, A.I. *see* Golovin, A.B. 12272
Khizhnyak, A.I. *see* Zherdienko, V.V. 44101
Khizhun, A.F., Saiko, Yu.V. Unified autocorrelation method of analysing electroencephalograms and some results of its application 7418
Khlopenkov, P.R. Reconstruction of the Samara hydroelectric station as an energy-storage hydroelectric station with ecologization of the Volga and Don 16718
Khlopkin, N.S. *see* Buinitskii, B.A. 8092
Khloponin, L.V. *see* Altshuler, G.B. 28918
Khludkov, S.S. *see* Chmill, V.B. 31762

Khlyap, G.M., Andrukhiv, M.G., Shkumbatiuk, P.S., Bochkariova, L.V. Characteristics of $Hg_{0.8}Cd_{0.2}Te/PbS$ heterostructures 10720
Khlybov, A.I. *see* Mogilin, V.I. 26759
Khlyunev, A.L. *see* Mikhailova, E.D. 48491
Khlyustikov, I.N. SQUID magnetometer measurements of thin epitaxial iron films 6740
Khmyrova, I. *see* Ryzhii, V. 43641
Khoda-Baksh, R. *see* Boreham, B.W. 3684
Khodabakhsh, F. *see* Munukutla, S. 32694
Khodabandeh, A. *see* Ambrosini, G. 38419
Khodabandeh, A. *see* Ambrosini, G. 38898
Khodakovskii, N.I. *see* Derkach, V.P. 28055
Khoder, A.F. *see* Bosland, P. 9775
Khoder, A.F. *see* Omari, A. 23843
Khodyrev, V.Yu. *see* Gorodnichev, V.B. 46954
Khodyrev, V.Yu. *see* Kachanov, V.A. 7163
Khoe, G., Heydt, G., Borges, I., Demeester, P., Ebberg, A., Labrujere, A., Rawsthorne, J.R. Coherent multicarrier technology for implementation in the customer access 6054
Khoe, G.-D. Coherent multicarrier lightwave technology for flexible capacity networks 38074
Khoini-Poorfard, R., Johns, D.A. Time-interleaved oversampling convertors 1284
Khoini-Poorfard, R., Johns, D.A. Stabilizing adaptive lattice IIR structures by projection of constraints 21816
Khokhar, A., Prasanna, V.K. Mapping stereo and image matching algorithms onto parallel architectures 4927
Khokhlov, A.F. *see* Beneking, G. 41433
Khokhlov, D.R. *see* Chesnokov, S.N. 38506
Khokhlov, D.R. *see* Vereshchagina, L.N. 18297
Khokhlov, G.I. *see* Andreyev, G.A. 30603
Khokhlov, M.Yu. *see* Voronov, V.I. 12022
Khokle, W.S. *see* Bhatnagar, P.S. 42152
Khokle, W.S. *see* Gupta, R.P. 28402
Khokle, W.S. *see* Thakur, D.K. 2468
Kholin, I.V. *see* Dudin, A.Yu. 3431
Kholin, I.V. *see* Zayarnyi, D.A. 3724
Kholmatov, A.H. *see* Abdurazakov, A.A. 38933
Kholodar, G.A. *see* Vetrov, A.P. 27564
Kholodenko, A.G. *see* Babintsev, V.V. 7210
Kholodenko, A.G. *see* Batalov, A.A. 46920
Kholodnyi, S.D., Leonov, V.M. Reducing the energy losses in the metallic casings of single-core cable by inductive compensation of the current 39609
Kholodnykh, A.I. *see* Krasnikov, V.V. 7639
Khomchenko, A.V. *see* Sotskii, A.B. 43476
Khomenko, A., Shlyagin, M., Miridonov, S., Tentori, D. Wavelength-scanning technique for distributed fiber-optic sensors 15068
Khomenko, A., Shlyagin, M., Miridonov, S., Tentori, D. Polarimetric technique for fiber-optic sensors 31245
Khomenko, A.V. *see* Miridonov, S.V. 44170
Khomenko, E.V. *see* Kalinkin, S.I. 24484
Khomenko, S.I. *see* Fefelov, A.P. 3192
Khomenko, S.I. *see* Konz, F. 3570
Khondker, A.N. *see* Morrisey, R.A. 2587
Khonina, S.N. *see* Doskolovich, L.L. 12288
Khoo, I.C., Ping Zhou, Yu Liang, Hong Li Dynamics of transient probe beam amplification via coherent multiwave mixing in a local nonlinear medium-nematic liquid crystal 44058
Khoo, I.C. *see* Zhou, P. 12397
Khoo, T.L. *see* Davids, C.N. 24115
Khoo Hock *see* Wong, P.P. 9318
Khopin, V.F. *see* Abramov, A.A. 11609
Khopin, V.F. *see* Anoykin, E.V. 28474
Khopin, V.F. *see* Belov, A.V. 3019
Khopin, V.F. *see* Belov, A.V. 38002
Khor, E.E. *see* Mital, D.P. 8464
Khorana, B.M. *see* Joenathan, C. 3891
Khorev, S.A. *see* Astrov, Yu.A. 42393
Khorev, S.V. *see* Babin, S.A. 12014
Khorev, S.V. *see* Babin, S.A. 44017
Khorozov, O.A. *see* Klimenko, Yu.A. 1152
Khoshgoftaar, T.M., Lanning, D.L., Pandya, A.S. A comparative study of pattern recognition techniques for quality evaluation of telecommunications software 45436
Khoshnevis, B., Yeh, Z. An automatic measurement planning system for CMMs 6323
Khoshnevissan, M. *see* Casperson, L.W. 28846
Khosia, Y.P. *see* Kumar, R. 2025
Khosla, N. *see* Sadananda, R. 33840
Khosla, P.K. *see* Nelson, B. 22068
Khosla, R., Dillon, T. A neuro-expert system approach to power system problems 24804
Khosla, R., Dillon, T.S. Applying an integrated neuro-expert system model in a real-time alarm processing system 24664
Khosropour, P. *see* Zupac, D. 34975
Khosru, M. *see* Deen, Q. 42584
Khosru Quazi Deen Mohd *see* Quazi Deen Mohd Khosru
Khotanzad, A. *see* Davila, C.E. 7434
Khotuntsev, Yu.L., Mogilevskaya, L.Ya., Grinberg, G.S., Leonov, V.G. Computer modeling of impedance and gain characteristic measurement conditions of bipolar transistors for large signals 11153
Khotuntsev, Yu.L., Mogilevskaya, L.Ya., Leonov, V.G., Grinberg, G.S. Computer modeling of power amplifiers and self-excited oscillators employing bipolar transistors with optimum energy characteristics 1074
Khoury, J., Biernacki, A.M., Woods, C.L., Cronin-Golomb, M. Photorefractive quadratic processor for signal recovery from multiplicative complex noise 13607
Khoury, J., Fu, J., Cronin-Golomb, M., Woods, C.L. Photorefractive deamplification of additive signal-dependent noise 13608
Khouzam, K., Khouzam, L. Optimum matching of direct-coupled electromechanical loads to a photovoltaic generator 25680
Khouzam, L. *see* Khouzam, K. 25680
Khouzam, N. *see* Pei, S. 10236
Khovansky, V. *see* Artamonov, A. 31697
Khozyainov, M.A. Elimination of overloads in a power system by alteration of the network configuration 16165
Khramchenkov, D.V. *see* Arkhipov, V.I. 28298
Khramov, V.A. *see* Afanas'ev, V.N. 47139
Khramov, V.Y. *see* Altshuler, G.B. 28918
Khramtsova, E.A. *see* Zotov, A.V. 19623
Khrebtov, A.I. *see* Danilov, V.V. 43556
Khrebtov, I.A., Krayukhin, M.B., Klimov, A.Yu., Leonov, V.N., Pavel'ev, D.G., Tkachenko, A.D. Two-channel receiver based on high-temperature superconductor bolometers 6486
Khrebtov, I.A. *see* Leonov, V.N. 31236
Khrenov, G., Ryzhii, V., Kartashov, S. AlGaAs/GaAs HBT collector optimization for high frequency performance 19785
Khrenov, G., Ryzhii, V., Kartashov, S. Monte Carlo modelling of hot-electron relaxation in the base region of AlInAs/GaInAs heterojunction bipolar transistors 34925
Khrilev, L.S. *see* Vol, M.A. 16668
Khrimyan, A.A. *see* Lesnikov, E.V. 20542
Khristov, V. *see* Dimova, R. 12920
Khromova, G.G. *see* Bobrovikov, A.A. 31545
Khromova, G.V. Convergence rate of function approximations on some compact classes in the problem of function reconstruction 590
Khrushchev, I.Yu., Dianov, E.M., Richardson, D.J. Generation of 800 MHz stable train of subpicosecond solitons from a figure-8 fibre laser 28799
Khrushchev, I.Yu. *see* Deryagin, A.G. 35834
Khrushchev, I.Yu. *see* Grudinin, A.B. 3535
Khryapov, P.A. *see* Bugaev, S.P. 27413
Khrytan'kov, L.M. *see* Savin, S.K. 22759
Khryzhanovskiy, D.I. *see* Vetrov, A.P. 27564
Khubchandani, A. *see* Paik, H.W. 21983
Khubua, J. *see* Budagov, J. 46955
Khudukon, B.Z., Tereshchenko, E.D., Galinov, A.V., Popov, A.A., Nygren, T. Determination of drift velocity and anisotropy of irregularities in the auroral ionosphere using radio source scintillation 7594
Khudyaev, A.A. *see* Kuznetsov, B.I. 40523
Khurana, I.S., Vaz, R.F., Cyganski, D., Wright, C.R. Information theoretic approach to model-based 3-D object recognition using orthogonal transforms 5060
Khurgin, J. *see* Obeidat, A. 28512
Khurgin, J.B. *see* Li, S. 2400
Khurgin, J.B. *see* Li, S. 12447
Khurgin, J.B. *see* Li, S. 19397
Khuri-Yakub, B.T. *see* Degertekin, F.L. 34663
Khuri-Yakub, B.T. *see* Hadimioglu, B. 16089
Khuri-Yakub, B.T. *see* Haller, M.I. 16070
Khuri-Yakub, B.T. *see* Hsieh, C.P. 9840
Khurram, M.U., Ahmed, H.M. Hybrid lattice: an efficient nonlinear lattice structure 1340
Khurram, M.U., Ahmed, H.M. An extended nonlinear transform domain adaptive filter 4705
Khurram, M.U. *see* Ahmed, H.M. 36734
Khursheed, A. *see* Dinnis, A.R. 28246
Khursheed, A. *see* Dinnis, A.R. 31376
Khusainov, I.G. *see* Abdullin, I.S. 27675
Khusanov, E.K. *see* Aksinenko, V.D. 7265
Khutortsev, V.V. Spatial differential filtering principles for the parameters of trajectories of objects moving along one-dimensional manifolds 29620
Khutortsev, V.V. Application of the group properties of discrete estimation algorithms to the problem of planning measuring instruments 36688
Khutortsev, V.V., Kalienko, I.V. A method of reducing computing costs in the terminal filtering of random processes 36695
Khvoshchinskaya, Z.G. *see* Barinov, V.A. 16127
Khvoshchinskaya, Z.G. *see* Barinov, V.A. 39535
Khvostikov, V.P. *see* Gordeev, N.Yu. 20761
Khwang, T.E., Mital, D.P. An intelligent vision system for inspection of surface mounted devices 26224
Khwang Teoh Eam *see* Eam Khwang Teoh
Ki Baik Heung *see* Heung Ki Baik
Ki Bog Lee *see* Chang Joon Bae 47655
Ki Ho Jun *see* Il Song Han 1375
Ki Hwan Ahn *see* Il Song Han 1375
Ki Jang Yoon *see* Yoon Ki Jang
Ki Joo Seung *see* Seung Ki Joo
Ki Kim Sung *see* Sung Ki Kim
Ki Lee Chang *see* Chang Ki Lee
Ki Park Yong *see* Yong Ki Park
Ki Ro Jung *see* Doh Hoon Kim 2377
Ki Young Nam *see* Seung Jae Lee 32245
Ki-Ho Baik, Ronse, K., Van den hove, L., Roland, B. A new simplified positive tone DESIRE process using liquid phase silylation in DUV lithography 11075
Ki-Ho Baik *see* Pforr, R. 2277
Ki-Hong Oh *see* Yoon-Ho Kim 16887
Ki-Kang Lee *see* Yong Eui Lee 33731
Ki-Sig-Kang, Se-Woo Cheon, Soon-Heung Chang Development of an expert system for performance evaluation and diagnosis in nuclear power plants 39762
Ki-Soo Kim, Ismail, Y., Springer, G.S. Measurements of strain and temperature with embedded intrinsic Fabry-Perot optical fiber sensors 15055
Ki-Soo Kim, Kollar, L., Springer, G.S. A model of embedded fiber optic Fabry-Perot temperature and strain sensors 15054
Ki-Sung Park *see* Kwang-Ryong Oh 35500
Ki-Tae Kim *see* Sang-Yong Lee 26774
Ki-Woong Whang *see* Heung-Sik Tae 33622
Ki-Woong Whang *see* Kyung Cheol Choi 15138
Kia Yong Lim *see* Lim Kia Yong
Kiaei, S. *see* Allstot, D.J. 1211
Kiaei, S. *see* Allstot, D.J. 18895
Kiamilev, F., Krishnamoorthy, A.V., Esener, S.C. Modular architecture for smart pixel switching networks 5666
Kiamilev, F., Morris, J., Childers, J., Sharma, R., Badoni, V., Feldman, M., Stevenson, D.S. Optically interconnected MCMs for gigabit ATM switches 5671
Kiamilev, F. *see* Feldman, M.R. 28547
Kian Tiong Yap *see* Yap Kian Tiong
Kianfar, S. *see* Bosseboeuf, A. 19548
Kiang, J.-F., Lin, S.H. Propagation analysis of signal fading for basic exchange radios 4108
Kiang, M.-H. *see* Georges, J.B. 30586
Kiang, M.-H. *see* Solgaard, O. 12092
Kiang, R. *see* Trahan, R. 2629
Kiang, Y.W. *see* Chang, J.F. 37917
Kiang Shaw-Hwa *see* Shaw-Hwa Kiang
Kiani, P. *see* Abdallah, N. 41587
Kiat, H. *see* Germano, G. 15763
Kiat Yong Siong *see* Yong Siong Kiat
Kibbel, H. *see* Engvall, J. 19387
Kibbel, H. *see* Erben, U. 42209
Kibbel, H. *see* Jorke, H. 1881
Kibbel, H. *see* Splett, A. 38521
Kibble, H. *see* Gruhle, A. 19793
Kibbler, A.E. *see* Kurtz, S.R. 9739
Kibeya, S. *see* Vandamme, L.K.J. 19365
Kibi, Y. *see* Saito, T. 19170
Kibi, Y. *see* Tabuchi, J. 1664
Kichaev, A.V., Kashereninov, P.G., Kuzmin, S.L., Klementiev, A.V., Yaroshetskii, I.D. Two-dimensional photodetector with the light controlled area of photosensitivity 38519
Kichaev, A.V. *see* Kashereninov, P.G. 11558
Kichaev, A.V. *see* Kashereninov, P.G. 11832
Kichaev, A.V. *see* Kashereninov, P.G. 15002
Kichaev, A.V. *see* Kashereninov, P.G. 34644
Kichayev, L.N. *see* Khatskelevich, Ya.D. 29668
Kicher, T.P. *see* Memberg, W.D. 24351
Kichimi, H. TOF counter design for KEK B-factory 7169
Kida, K. *see* Ito, A. 18258
Kida, M. *see* Ono, N. 27660
Kida, T. The optimum approximation of multi-dimensional signals using parallel wavelet filter banks 21804
Kida, T. Theory of generalized interpolatory approximation of multi-dimensional signals 36652
Kida, T., Mochizuki, H. Study of generalized linear interpolation approximation for multi-dimensional waveforms 21773
Kida, T., Mochizuki, H. Systematic consideration of the superiority of generalized linear interpolation approximation 44893
Kida, T., Sa-Nguankotchakorn, S. Multichannel multirate sampling of low-pass stochastic signals 13446
Kida, Y. *see* Ueda, T. 32487
Kidambi, M.R., Tyagi, A., Madani, M.R., Bayoumi, M.A. Parameterized modeling of open-circuit critical volume for three-dimensional defects in VLSI processing 43077
Kidave, K.C.S. Advantages and disadvantages of pair gain systems 45745
Kidd, A.K. *see* Shaw, M.J. 3423
Kiddle, P. Millimetric wave systems—the attractive access radio solution 14444
Kidner, C. *see* Eisele, H. 10463
Kidner, D.B., Smith, D.H. Data structures for terrain modelling and ground cover data 36214
Kidner, S., Taylor, C.A., II, Clarke, R. Low energy kinetic threshold in the growth of cubic boron nitride films 41463
Kido, J., Hongawa, K., Okuyama, K., Nagai, K. Bright blue electroluminescence from poly(*N*-vinylcarbazole) 11827
Kido, J., Hongawa, K., Okuyama, K., Nagai, K. White light-emitting organic electroluminescent devices using the poly(N-vinylcarbazole) emitter layer doped with three fluorescent dyes 35587
Kido, J., Kohda, M., Okuyama, K., Nagai, K., Okamoto, Y. Organic electroluminescent devices with polymeric materials 35569
Kido, M., Chiba, T., Kawakami, J., Yoneda, K., Kawai, T., Kudou, H. High-precision voltage

measuring method using an adaptive digital filter in electric power systems 39685
Kido, M., Chiba, T., Kudou, H., Kawakami, J., Kawai, T. Digital input filters for measurement, control and protection in electric power systems 7790
Kido, M. *see* Chiba, T. 16473
Kido, S. *see* Araki, N. 7618
Kido, T. In-process inspection technique for active-matrix LCD panels 11702
Kido, T. In-process functional inspection technique for TFT-LCD arrays 31360
Kido, Y. *see* Kurata, S. 17042
Kido, Y. *see* Murashige, S. 17044
Kido, Y. *see* Ogoma, T. 17039
Kidoguchi, I. *see* Ban, Y. 3678
Kidoh, H. *see* Ogawa, T. 11373
Kieback, D. *see* Biegelmeier, G. 207
Kieda, S., Ashiwake, N., Daikoku, T., Zushi, S. Application of stochastic finite element method to thermal analysis for computer cooling 321
Kieda, S. *see* Hirasawa, S. 9215
Kiefer, J. *see* Brunnett, G. 26334
Kiefer, R. Synchronous digital hierarchy (SDH) communications systems: new measurement methods 22426
Kieffer, J.C. A survey of the theory of source coding with a fidelity criterion 36503
Kieffer, J.C. *see* Nantel, M. 11914
Kiehl, M. *see* Buchauer, O. 41170
Kiehlmann, D., Klein, U., Peiniger, M., Vogel, H. Development and industrial fabrication of Superconducting Accelerator Modules 15507
Kiehlmann, D., Peiniger, M., Vogel, H. Design and fabrication of normal conducting accelerator sections 15525
Kielczynski, P., Pajewski, W., Szalewski, M. Nonuniform velocity distribution on the surface of ultrasonic transducers as a source of non-diffracting beams 16061
Kielczynski, P., Pajewski, W., Szalewski, M. Ultrasonic transducers with Bessel function distribution of vibrational amplitude on their surfaces 47302
Kielsznia, R. *see* Drabik, W. 15331
Kiely, A.B., Coffey, J.T. On the capacity of a cascade of channels 21468
Kiely, C.J. *see* Hurley, P.K. 19563
Kiely, C.J. *see* Mullan, C.A. 2083
Kiely, C.J. *see* Mullan, C.A. 9504
Kiely, C.J. *see* Xing, Y.R. 9542
Kiely, J.H., Morgan, D.V., Rowe, D.M. The design and fabrication of a miniature thermoelectric generator using MOS processing techniques 33077
Kiely, P.A., Vang, T.A., Micovic, M., Lepore, A., Taylor, G.W., Malik, R., Docter, D.P., Evaldsson, P.A., Claisse, P.R., Brown-Goebeler, K.F., Storz, F. Submicrometre gate length scaling of inversion channel heterojunction field effect transistor 43026
Kiely, P.A. *see* Taylor, G.W. 11887
Kien Aun Ng *see* Ng Kien Aun
Kienbock, M., Muller, U. Application potential for high-energy coatings in power plant engineering 47618
Kiener, C., Wirner, C., Boxleitner, W., Gornik, E., Bohm, G., Weimann, G. Investigation of the mean free path of hot electrons in GaAs-AlGaAs heterostructures 27558
Kiener, S. *see* Nishikata, A. 4164
Kiener, S. *see* Nishikata, A. 44441
Kienlin, A.v. *see* Meier, J. 24027
Kieny, C. Three electrotechnical field problems 21168
Kienzle, K. New generation explosion protected switches. Miniature limit switches series 8064 42274
Kienzle, K. Explosion-protected electrical apparatus in pressurized enclosures "p" 47822
Kienzle, K. New flameproof encapsulated miniature circuit breakers 48006
Kienzle, K. *see* Volker, P. 48446
Kienzle, M. *see* Tetzlaff, W. 46246
Kienzle, M.G. *see* Birkett, C.L. 24309
Kienzle, T. *see* Wu, C. 24368
Kienzle, T.C., III, Stulberg, S.D., Peshkin, M., Quaid, A., Wu, C.-h. An integrated CAD-robotics system for total knee replacement surgery 24367
Kiers, H.A.L., Marchetti, G.M. Handling large numbers of observation units in three-way methods for the analysis of qualitative and quantitative two-way data 41141
Kierstead, J. *see* Hemmer, P.R. 35319
Kierstead, J.A. *see* Anderson, D.F. 46870
Kierstead, J.A. *see* Woody, C.L. 7253
Kierstead, M. *see* Hutchison, S.B. 20719
Kiese, G. *see* Mundinger, H.J. 34657
Kiesel, P., Gulden, K.H., Hofler, A., Kneissl, M., Knupfer, B., Dankowski, S., Riel, P., Wu, X., Smith, J.S., Weimann, G., Dohler, G.H. Optical bistability of p-i-n and n-i-p-i structures at very low optical power 35492
Kiesel, P. *see* Gulden, K.H. 33639
Kiesel, P. *see* Knupfer, B. 43528
Kiesewetter, W., Panait, J. The sunshine 'on line'—point-to-multipoint as an economical alternative to other types of telecommunication services 30615
Kieslich, A., Doleschel, H., Faller, F., Forchel, A., Stoffel, N.G. Investigation of the longitudinal and lateral distribution of implantation induced damage in GaAs/InGaAs heterostructures 27652
Kieslich, A. *see* Reithmaier, J.P. 27656
Kiessling, A., Wenke, L. Real-time holographic interferometry using degenerated four-wave mixing in $Bi_{12}TiO_{20}$ 36063
Kiessling, F. *see* Brodkorb, A. 48346
Kiessling, J., Steffens, T. Comparison of a programmable 3-channel compression hearing system with single-channel AGC instruments 24356
Kiessling, R. A battery model for monitoring of and corrective action on lead-acid EV batteries 40626
Kietzke, F.K. *see* Gerlach, H. 25884
Kieu, H. *see* Dixit, G.A. 19656
Kieu, L.H., Ngan, K.N. Layered video coder with self-concealed capability using frequency scanning technique 38242
Kih, J., Jeong, D.-K., Kim, W. Optimisation of interconnection lines 44494
Kih Joongsik *see* Joongsik Kih
Kihara, H. *see* Seno, K. 26923
Kihara, J. *see* Ihara, I. 9823
Kihara, N. *see* Nakase, M. 27939
Kihara, T., Kozuka, T., Miyajima, H., Komori, H. Supply and installation of 220 kV XLPE cable in DESU project of India 24951
Kihira, S. Makers seek to adapt D-sub connection technology to strict anti-EMI needs 34310
Kihlblom, B. *see* Hoglund, M. 5655
Kihlstrom, K.E. *see* Martens, J.S. 28414
Kihm, K.D., Cheeti, S.K.R. Laser specklegram technique for measurements of local and global heat transfer coefficients in electronic packaging problems 361
Kii, T. *see* Kunieda, H. 15683
Kiiveri, H.T. *see* Dunne, R.A. 4674
Kiiveri, P. *see* Gilgen, H.H. 3079
Kijima, H. *see* Pomponi, R. 45737
Kijima, Y. *see* Awaji, N. 15371
Kijima, Y. *see* Mitsunobu, S. 6996
Kikel, A. *see* Goldsmith, C.L. 10401
Kikbney, G.P., Filaretov, V.F., Yurchik, F.D. A compact remote-controlled submersible 30366
Kikkawa, H., Tsuge, H., Deguchi, M., Umezu, M., Ikeda, K. Mechanical design for APEX7400/7700 14347
Kikkawa, S. Number of degrees of freedom, Fisher's information, and frequency-time products of a random process 12810
Kikkawa, T. *see* Ohori, T. 2583
Kikkawa, Y., Toko, K., Yamafuji, K. Taste sensing of tomatoes with a multichannel taste sensor 46357
Kikkawa, Y. *see* Matsuno, T. 42105
Kikuchi, A., Hoshi, H., Kishino, K. Substrate nitridation effects on GaN grown on GaAs substrates by molecular beam epitaxy using RF-radical nitrogen source 41313
Kikuchi, A. *see* Nomura, I. 43861
Kikuchi, H. Extraterrestrial and terrestrial meteorologico-electric environment with noise and chaos 44430
Kikuchi, H. *see* Imai, Y. 6086
Kikuchi, H. *see* Kawase, Y. 21184
Kikuchi, H. *see* Mikoshiba, H. 11272
Kikuchi, H. *see* Takizawa, K. 3217
Kikuchi, H. *see* Takizawa, K. 43552
Kikuchi, K. Theory of noise in optical amplifiers 3563
Kikuchi, K. An H-L junction room temperature long-wavelength IR detector using the avalanche effect 6509
Kikuchi, K. An uncooled FIR detector using the avalanche injection effect 38507
Kikuchi, K., Amano, M., Zah, C.E., Lee, T.P. Analysis of origin of nonlinear gain in 1.5 μm semiconductor active layers by highly nondegenerate four-wave mixing 28985
Kikuchi, K., Lorattanasane, C. Compensation for pulse waveform distortion in ultra-long distance optical communication systems by using midway optical phase conjugator 38082
Kikuchi, K. *see* Hirata, Y. 27052
Kikuchi, K. *see* Kajiyama, Y. 37601
Kikuchi, K. *see* Sakata, H. 16945
Kikuchi, K. *see* Shirai, Y. 10595
Kikuchi, K. *see* Sudoh, T.K. 43885
Kikuchi, K. *see* Takushima, Y. 45937
Kikuchi, K. *see* Tokizawa, I. 37662
Kikuchi, M. *see* Watanabe, T. 31965
Kikuchi, N., Sasaki, S. Noise analysis for optical frequency conversion using nearly degenerate four wave mixing in semiconductor optical amplifier 3869
Kikuchi, N. *see* Aoki, M. 14597
Kikuchi, N. *see* Aoki, M. 38120
Kikuchi, N. *see* Kitajima, S. 38007
Kikuchi, S., Koide, Y. High speed, high gradation contact type linear image sensor BASIS multichip contact sensor 23720
Kikuchi, S., Tsurumoto, K. Design and characteristics of a new magnetic worm gear using permanent magnet 43337
Kikuchi, T., Obi, H., Maruyama, T. An IGBT three-level VVVF inverter for rolling stock 40618
Kikuchi, T. *see* Kizaki, M. 41517
Kikuchi, T. *see* Tsutsumi, Y. 2697
Kikuchi, T. *see* Yonekura, T. 16378
Kikuchi, Y., Kondo, K., Nomura, H., Gomei, Y. Analysis of sub-0.15 μm pattern replication in synchrotron radiation lithography 27863
Kikuchi, Y. *see* Kase, M. 42848
Kikuchi, Y. *see* Miyagaki, S. 9582
Kikuchi, Y. *see* Nakamura, M. 18274
Kikuchi, Y. *see* Nomura, Y. 2958
Kikuchi, Y. *see* Uchida, N. 27994
Kikuiri, N. *see* Uchida, N. 27994
Kikukawa, Y. *see* Makishi, Y. 31837
Kikuno, T. *see* Igarashi, H. 30244
Kikuoka, Y. *see* Takeuchi, S. 16741
Kikushima, K. *see* Matsui, S. 14659
Kikuta, S. *see* Hirano, K. 7314
Kikuta, T. *see* Ijichi, T. 28857
Kikuta, T. *see* Kasukawa, A. 12106
Kikuta, T. *see* Kasukawa, A. 35896
Kikuta, T. *see* Kominami, M. 29348
Kikuta, T. *see* Namegaya, T. 12184
Kikuta, T. *see* Ohkubo, M. 12185
Kikutani, E., Katsura, T., Obina, T., Kasuga, T., Tobiyama, M. Bunch feedback systems 7000
Kikuyama, H., Waki, M., Miyashita, M., Yabune, T., Miki, N., Takano, J., Ohmi, T. A study of the dissociation state and the SiO_2 etching reaction for HF solutions of extremely low concentration 42699
Kilakos, K., Reed, B. Fractionally colouring total graphs 26311
Kilchenmann, P. *see* Baban, I. 8519
Kilcoyne, M.K., Scott, J.W., Plombon, J. Packaging of optical interconnect arrays for optical signal processing and computing 33366
Kilcoyne, S.P. *see* Lott, J.A. 3610
Kildal, P.-S. Artificially soft and hard surfaces in electromagnetics and their application to antenna design 29281
Kildal, P.-S., Johansson, M., Hagfors, T., Giovanelli, R. Analysis of a cluster feed for the Arecibo trireflector system using forward ray tracing and aperture integration 23250
Kil'dishev, A.V. External magnetic field of a system comprising a ferromagnetic body and a current-carrying circuit 3988
Kileny, P.R. *see* Zwolan, T.A. 15922
Kilevics, P.G. Helicopters facilitate 500-kV live-line spacer maintenance 16398
Kiley, N.R.C. *see* Boehm, J. 48365
Kilger, M., Dietl, T. Interpretation-driven low-level parameter adaptation in scene analysis 36886
Kilgore, G.A. *see* Helgeson, M.A. 39228
Kilgore, K.L., Peckham, P.H. Grasp synthesis for upper-extremity FNS. I. Automated method for synthesising the stimulus map 31985
Kilgore, K.L., Peckham, P.H. Grasp synthesis for upper-extremity FNS. II. Evaluation of the influence of electrode recruitment properties 31986
Kilgus, D.B.T. *see* Svetkoff, D.J. 6588
Kilian, A. *see* Kyunghwan Oh 35761
Kilian, A. *see* Zhang, Q. 3041
Kilian, J. *see* Dwork, C. 21536
Kilian, K., Maier, R., Schult, O., Speth, J. The Cooler Synchrotron 'COSY' at Julich —GeV proton accelerator for nuclear and particle physics 23956
Kilian, K. *see* Ernst, J. 31659
Kilian, K. *see* Nake, C. 31611
Kiliani, W. *see* Huenert, R. 34847
Killeen, K.P., Breiland, W.G. In situ spectral reflectance monitoring of III-V epitaxy 41298
Killeen, K.P. *see* Chalmers, S.A. 9607
Killeen, T.L. *see* Niciejewski, R. 47274
Killinger, D.K. *see* Chuan He 43782
Killinger, D.K. *see* Menzies, R.T. 44186
Killinger, M. *see* Duvillier, J. 35527
Kilmartin, L., Ambikairajah, E. A hybrid MLP-RBF based speaker verification system 4554
Kilmartin, L. *see* Ambikairajah, E. 29518
Kilmartin, S., Skala, G.F., Reichman, B.M. Prefault monitor for air cooled generators 32830
Kilmer, J.P. *see* Yuce, H.H. 5875
Kilner, J.A., Beyer, G.P., Chater, R.J. ^{18}O studies of altered layers formed in Si and SiO_2 by ion bombardment 27605
Kilner, J.A. *see* Nejim, A. 34613
Kilner, J.A. *see* Yupu Li 2091
Kilpela, A., Vainshtein, S., Kostamovaara, J., Myllyla, R. Subnanosecond, high power laser pulses for time-of-flight laser distance meters 6145
Kim, A., Domenico, L.D., Youmans, R., Balekdjian, A., Weiner, M., Jasper, L. Monolithic photoconductive ultra-wideband RF device 3335
Kim, A. *see* Weiner, M. 28637
Kim, B., Kameyama, M., Higuchi, T. Unified scheduling of high performance parallel VLSI processors for robotics 1250
Kim, B. *see* Ota, K. 40454
Kim, B.C., Kang, H., Kim, C.Y., Chung, J.W. Ion beam nitridation of a Si(111) surface: effects of ion reactivity and thermal treatment 27680
Kim, B.H. *see* Kwon, S.S. 42572

Kim, B.K. *see* Yoon, J.K. 34995
Kim, B.M. *see* Taylor, A.P. 18229
Kim, B.W. *see* Mao, E. 1888
Kim, B.Y. *see* Barriere, A.S. 34510
Kim, C., Park, C.-M., Youn, J. Slot reuse based on address comparison in the DQDB protocol 14124
Kim, C., Selister, S.I., Morris, J.W., Jr. Microstructural mechanism of electromigration failure in narrow interconnects 34798
Kim, C. *see* Abbott, B. 7245
Kim, C.-H. *see* Lee, J.-U. 43175
Kim, C.-J. *see* Kobayashi, D. 19685
Kim, C.-W. *see* Yano, K. 19913
Kim, C.B. Automatic VHDL synthesizability checking based on the user-defined rules for ASIC design 18657
Kim, C.H., Eorn, H.J., Park, T.H. A series solutions for TM-mode radiation from a flanged parallel-plate waveguide 29340
Kim, C.H., Hinkson, J. Advanced Light Source instrumentation overview 6969
Kim, C.T. *see* Lee, Y.J. 19907
Kim, C.Y. *see* Kim, B.C. 27680
Kim, D., Fahrenbruch, A.L., Lopez-Otero, A., Bube, R.H. Effect of electron irradiation and excess Cd on ion-assisted doping of p-CdTe thin films 10814
Kim, D.H., Netzelmann, U. Nondestructive testing of ceramic coatings on steel by photoacoustic, photothermal and high-frequency ultrasound techniques 33782
Kim, D.H. *see* Lee, Y.H. 35603
Kim, D.H. *see* Won, C.Y. 16848
Kim, D.I. Multiple-capture performance of DS-SS packet radio systems with common spreading code 22765
Kim, D.S., Un, C.K. Two-level contention resolution scheme for WDM networks with control channels 14634
Kim, D.T. *see* Huang, J.Y. 15448
Kim, D.Y., Kang, T.W., Leem, J.Y., Kim, T.W. Photoluminescence of GaAs epitaxial layers on Si with growth assisted by electron-beam irradiation 702
Kim, D.Y., Kwon, O.S., Bang, J.H. The design of the high speed amplifier circuit for using in the analog subsystems 9977
Kim, D.Y., Lian Li, Jeng, R.J., Kumar, J., Fiddy, M.A., Tripathy, S.K. Nonlinear optical photoresponsive polymer for reversible optical data storage 20247
Kim, D.Y. *see* Honnenhalli, S. 18693
Kim, E.-K., Wu, J.-T., Tamura, S., Sato, Y., Close, R., Taketani, H., Kawai, H., Inoue, M., Ono, K. Comparison of neural network and k-NN classification methods in vowel and patellar subluxation image recognitions 21669
Kim, G. *see* Kim, O. 18820
Kim, G.H. *see* Tidwell, S.C. 3733
Kim, G.H. *see* Yoon, M. 7024
Kim, G.H. *see* Yoon, M. 15563
Kim, H. A Voronoi approach for checking pad diameter in printed circuit boards 26563
Kim, H., Ko, Y., Jung, K.-H. Artificial neural-network based feeder reconfiguration for loss reduction in distribution systems 24682
Kim, H. *see* Li, L. 41500
Kim, H. *see* Ling, H. 44302
Kim, H. *see* Park, S. 20875
Kim, H.G. *see* Kang, K.S. 16513
Kim, H.H. *see* Liu, T.M. 20025
Kim, H.H. *see* Parker, I.D. 43660
Kim, H.J., Im, J.S., Thompson, M.O. Excimer laser induced crystallization of thin amorphous Si films on SiO_2: Implications of crystallized microstructures for phase transformation mechanisms 9685
Kim, H.J., Li, C.-C. A nonorthogonal wavelet edge detector with four filter-coefficients 22107
Kim, H.J., Tasaki, Y., Torii, S., Watada, M., Ebihara, D. Study of the rope-less elevator with linear synchronous motor 40630
Kim, H.J. *see* Bernstein, A. 31661
Kim, H.J. *see* Paik, J.K. 14778
Kim, H.J. *see* Pi, W.K. 43280
Kim, H.J. *see* Wang, M.-Z. 31689
Kim, H.M. *see* Choi, Y.W. 1909
Kim, H.M. *see* Xie, K. 3645
Kim, H.S., Byun, Y.T., Lee, K.C. A Korean pronunciation education system in a multimedia environment 36597
Kim, H.S., Yu, M.L., Staufer, U., Muray, L.P., Kern, D.P., Chang, T.H.P. Oxygen processed field emission tips for microcolumn applications 27404
Kim, H.Y. *see* Lee, S.J. 24929
Kim, I., Alferness, R.C., Buhl, L.L., Koren, U., Miller, B.I., Young, M.G., Newkirk, M.A., Chien, M.D., Koch, T.L., Raybon, G., Burrus, C.A. InGaAs/InGaAsP MQW optical amplifier integrated with grating-assisted vertical-coupler noise filter 43888
Kim, I. *see* Alferness, R.C. 45985
Kim, I. *see* Park, S. 20875
Kim, I.Y., Yang, H.S. Efficient image labeling based on Markov random field and error backpropagation network 13641
Kim, J. A phase modulator with variable maximum phase deviation 21489
Kim, J., Bliss, W.G. Coefficient quantization noise in block digital filters 10324
Kim, J., Bliss, W.G. Analysis of coefficient quantization noise in block digital filters 27081
Kim, J., Joshi, A.B., Yoon, G.W., Kwong, D.L. Effects of residual surface nitrogen on the dielectric breakdown characteristics of regrown oxides 19599
Kim, J., Nguyen, T.V., White, R.E. Thermal characteristics of a nickel-hydrogen battery 48079
Kim, J., Son, J., Wakana, S., Nees, J., Williamson, S., Whitaker, J., Kwon, Y., Pavlidis, D. Time-domain network analysis of MM-wave circuits based on a photoconductive probe sampling technique 1651
Kim, J., Sudhama, C., Khamankar, R., Lee, J. Ultra-thin sputtered PZT films for ULSI DRAMs 28254
Kim, J., Varadan, V.V., Varadan, V.K. Modeling integrated sensor/actuator functions in realistic environments 23523
Kim, J. *see* Constable, A. 12312
Kim, J. *see* Lee, J. 35140
Kim, J. *see* Sudhama, C. 10186
Kim, J. *see* Yoon, G.W. 2698
Kim, J.-H. *see* Lee, S.-W. 6203
Kim, J.-K. *see* Ra, S.-W. 22046
Kim, J.-K. *see* Seo, K.-S. 13518
Kim, J.-Y., Wehring, B.W., Unlu, K. Converging neutron guide for neutron focusing at the Texas Cold Neutron Source 23965
Kim, J.B. *see* Vickers, B.J. 22635
Kim, J.G., Kim, S.W. Adaptive retransmission control for slotted frequency-hopped spread-spectrum multiple access systems 30190
Kim, J.G., Lee, M.K., Lee, D.H., Lee, I., Templin, F., Snopko, P. Record/playback interfaces: DSC-HDTV, HD-VCR and D3 VTR 6251
Kim, J.G. *see* Liu, H. 18176
Kim, J.H., Tsurumi, T., Kamiya, T., Daimon, M. Growth of bismuth silicate films on Si and its dielectric properties 41436
Kim, J.H. *see* Huang, J.Y. 15448
Kim, J.M.S., Dewan, S.B. Steady-state analysis of dual converters with circulating-current mode used in four-quadrant DC magnet power supplies 40328
Kim, J.O., Bau, H.H., Liu, Y., Lynnworth, L.C., Lynnworth, S.A., Hall, K.A., Jacobson, S.A., Korba, J.A. Torsional sensor applications in two-phase fluids 14929
Kim, J.S. *see* Abedini, Y.S. 31271
Kim, J.S. *see* Chan, V.-H. 35012
Kim, J.S. *see* Huang, J.Y. 15448
Kim, J.W., Chen, C.W., Vogt, T.J., Woods, L.M., Robinson, G.Y., Lile, D.L. Strained layer $In_xGa_{1-x}As/GaAs$ and $In_xGa_{1-x}As/In_yGa_{1-y}P$ multiple-quantum-well optical modulators grown by gas-source MBE 20370
Kim, J.W., Un, C.K. A robust adaptive array based on signal subspace approach 21434
Kim, J.W. *see* Chen, C.W. 20566
Kim, K. Construction of DES-like S-boxes based on Boolean functions satisfying the SAC 12966
Kim, K., Hansen, J. Combining experts' opinions. An application to target identification 21981
Kim, K., Hansen, J. Development of fuzzy algorithm for tracking of maneuvering targets 23138
Kim, K., Lee, K., Lee, T., Lee, C., Chung, S., Chun, J., Lee, J. Development of a MUSE-to-NTSC converter 14780
Kim, K. *see* Lee, J.A. 10189
Kim, K.-J., Byrns, R., Chattopadhyay, S., Donahue, R., Edighoffer, J., Gough, R., Hoyer, E., Leemans, W., Staples, J., Taylor, B., Xie, M. An infrared free electron laser system for the proposed chemical dynamics research laboratory at LBL based on a 500 MHz superconducting linac 43996
Kim, K.-J., Suemitsu, M., Miyamoto, N. Hydrogen desorption kinetics from the growing Si(100) surface during silane gas-source molecular beam epitaxy 18139
Kim, K.-J. *see* Leemans, W.P. 28891
Kim, K.-J. *see* Pellegrini, C. 44002
Kim, K.-S., Yu, S.-C., Kim, K.-Y., Noh, T.-H., Kang, I.-K. Low temperature magnetization in nanocrystalline $Fe_{88}Zr_7B_4Cu_1$ alloy 43281
Kim, K.-Y. *see* Kim, K.-S. 43281
Kim, K.H. Structuring DRB computing stations in highly decentralized LAN systems 14125
Kim, K.H., Shokri, E. Minimal-delay decentralized maintenance of processor-group membership in TDMA-bus LAN systems 45582
Kim, K.H. *see* Lee, S.J. 24929
Kim, K.I. CDMA cellular engineering issues 5781
Kim, K.M. *see* Kwak, B.J. 29693
Kim, K.M. *see* Wagner, L.F. 11176
Kim, K.S., Quigley, A.I., LaParre, D., Lines, M.E. Measurement and theory of the pressure dependence of zero-dispersion wavelength for communications fibers 23071
Kim, K.S., Stolen, R.H., Reed, W.A., Quoi, K.W. Measurement of the nonlinear index of silica-core and dispersion-shifted fibers 35413
Kim, K.S. *see* Beck, P.A. 6427
Kim, K.W. *see* Tian, H. 35024
Kim, K.W. *see* Woolard, D.L. 19712
Kim, K.Y., Abidi, A.A. A CMOS interface IC for CCD imagers 18912
Kim, K.Y., Hwang, H.I., Lee, J.Y., Choo, W.K. Preparation and microstructural characterization of ferroelectric thin film $PbTiO_3$ on Si, MgO, and sapphire deposited by DC reactive multitarget co-sputtering 9778
Kim, K.Y., Sachse, W. Some novel applications of point source and point detector for ultrasonic waves 16072
Kim, M., Sovero, E.A., Hacker, J.B., De Lisio, M.P., Chiao, J.-C., Li, S.-J., Gagnon, D.R., Rosenberg, J.J., Rutledge, D.B. A 100-element HBT grid amplifier 1584
Kim, M. *see* Bae, J.W. 3626
Kim, M. *see* Bae, J.W. 28806
Kim, M. *see* Bae, J.W. 28816
Kim, M. *see* Brusenbach, P. 28820
Kim, M. *see* Brusenbach, P.R. 12145
Kim, M. *see* Rutledge, D.B. 27288
Kim, M. *see* Shtengel, G. 35858
Kim, M. *see* Shtengel, G. 44021
Kim, M.C. *see* Chanson, S.T. 30234
Kim, M.J. *see* Maracas, G.N. 746
Kim, M.K. *see* Hemmer, P.R. 35319
Kim, O., Kim, G., Kim, W. Settling time reduction technique for high speed DACs 18820
Kim, O. *see* Moini, A. 18913
Kim, P. *see* Tench, D.M. 17832
Kim, P.C. *see* Alexander, J.P. 24110
Kim, S., Ali, S., White, J. A vector surface integral approach to computing inductances of general 3-D structures 1652
Kim, S., Song, I., Sun Yong Kim A composite signal detection scheme in additive and signal-dependent noise 21803
Kim, S. *see* Hara, K. 31683
Kim, S. *see* Sandhu, G. 19658
Kim, S. *see* Yasuoka, K. 24018
Kim, S.-D. *see* Kim, S.-Y. 6202
Kim, S.-D. *see* Kim, T.-S. 13267
Kim, S.-D. *see* Lee, S.-W. 6203
Kim, S.-H., Cherney, E.A., Hackam, R. Thermal characteristics of RTV silicone rubber coatings as a function of filler level 43203
Kim, S.-Y., Gopal, N., Pillage, L.T. AWE macromodels of VLSI interconnect for circuit simulation 28241
Kim, S.-Y., Lee, J.-H., Kim, S.-D., Jang, K.-H., Lee, K.-B. A systolic realization of symmetric block matching algorithm for HD-MAC system 6202
Kim, S.B., Powers, E.J. Orthogonalised frequency domain Volterra model for non-Gaussian inputs 21796
Kim, S.B. *see* Kirscht, F.G. 2011
Kim, S.C. *see* Won, C.Y. 16848
Kim, S.F. *see* Alekseevskii, N.E. 20178
Kim, S.G., Asahi, H., Seta, M., Asami, K., Gonda, S., Yano, M., Inoue, M. Optical properties of InAs/AlSb superlattices grown by gas source molecular beam epitaxy 42524
Kim, S.H. Quantum mechanical theory of free-electron two-quantum Stark emission driven by transverse motion 3686
Kim, S.H., Scholtz, R.A. An optimum generalized cross-spectrum symbol-rate detector 13273
Kim, S.H. *see* Teti, J.G., Jr. 23197
Kim, S.K., Kang, T.W., Kim, T.W. Electrical transport properties of AlAs/GaAs resonant tunneling diodes 11135
Kim, S.K. *see* Lee, Y.P. 11450
Kim, S.P., Su, W.-Y. Recursive high-resolution reconstruction of blurred multiframe images 13630
Kim, S.U. ESD induced gate oxide damage during wafer fabrication process 28248
Kim, S.W. *see* Kim, J.G. 30190
Kim, S.W. *see* Stouraitis, T. 26849
Kim, S.Y. *see* Son, J.C. 29576
Kim, T., Yonezawa, N., Liu, J.W.S., Liu, C.L. A scheduling algorithm for conditional resource sharing—a hierarchical reduction approach 41588
Kim, T. *see* Libera, M. 34667
Kim, T. *see* Liu, W. 34261
Kim, T.-S., Kim, S.-D. Newton/LMS algorithm using modified DCT 13267
Kim, T.J., Campbell, E.W., Kostuk, R.K. Determination of average refractive index of spin coated DCG films for HOE fabrication 38725
Kim, T.S. *see* Henderson, T. 19390
Kim, T.S. *see* Hill, D.G. 28095
Kim, T.W., Jung, M., Lee, J.I., Ihm, G., Noh, S.K., Lee, K.-S., Lee, S.J., Lim, K.Y. Magneto-transport and electric sub-band studies on a strained $InAs_{0.3}P_{0.7}/InP$ single quantum well 42474
Kim, T.W. *see* Kim, D.Y. 702
Kim, T.W. *see* Kim, S.K. 11135
Kim, U. *see* Bae, M. 29540
Kim, U.S. *see* Sethi, R.B. 854
Kim, W. *see* Kih, J. 44494
Kim, W. *see* Kim, O. 18820
Kim, W. *see* Yang, J. 27007
Kim, W.S., Aderholz, M., Kleemann, W. Calibration of polar Kerr rotation and ellipticity measurements 23920
Kim, W.S. *see* Kleinefeld, T. 28359
Kim, W.Y. *see* Chung, I.J. 11226

Kim, W.Y. *see* Oh, C.H. 11228
Kim, Y., Hunt, W.D., Hickernell, F.S., Higgins, R.J. Surface acoustic wave properties of ZnO films on [100]-cut [110]-propagating GaAs substrates 11429
Kim, Y., Rajala, S.A. Parallel image segmentation using a Hopfield neural network with annealing schedule for neural gains 30064
Kim, Y. *see* Choi, W.J. 42708
Kim, Y. *see* Hunt, W.D. 2746
Kim, Y. *see* Hunt, W.D. 2758
Kim, Y.-G. *see* Blume, A. 483
Kim, Y.-G. *see* Lee, D.-H. 6227
Kim, Y.-W. *see* Tsu, R. 18221
Kim, Y.H., Lee, H.S. New total carrier phase estimator in fully phase modulated signals 12818
Kim, Y.H. *see* Harris, C.F. 36847
Kim, Y.J., Fukuda, H., Michihira, A., Nakaoka, M. Soft-switched PWM DC-DC high-power converter with quasi resonant-poles and parasitic reactive resonant components of high-voltage transformer 47979
Kim, Y.J., Michihira, M., Nakaoka, M. Multi-resonant soft-switching PWM DC-DC high-power converter with quasi resonant-poles and resonant AC tank using interal parasitic circuit components of high-voltage transformers and cable 8559
Kim, Y.J., Nakaoka, M. Advanced development of 50 kW multi-resonant soft-switching PWM DC-DC converter with resonant-pole and resonant AC tank topologies using internal parasitic circuit components 32918
Kim, Y.S. *see* Chung, I.J. 11226
Kim, Y.S. *see* Lee, S.K. 28151
Kim, Y.S. *see* Lee, S.K. 34999
Kim, Y.S. *see* Oh, C.H. 11228
Kim, Y.S. *see* Park, J.H. 24702
Kim, Y.W., Allen, M.G., Hartman, N.F. Micromechanically based integrated optic modulators and switches 3151
Kim Beomsup *see* Beomsup Kim
Kim Bo Woo *see* Bo Woo Kim
Kim Bong-Gyu *see* Bong-Gyu Kim
Kim Bum Man *see* Bum Man Kim
Kim Byung Chul *see* Byung Chul Kim
Kim Cha Yeon *see* Cha Yeon Kim
Kim Chang-Dong *see* Chang-Dong Kim
Kim Cheol Sang *see* Cheol Sang Kim
Kim Cheol-Hong *see* Cheol-Hong Kim
Kim Cheol-Jung *see* Cheol-Jung Kim
Kim Chi Thi Ngo *see* Zuckerwar, A.J. 47295
Kim Chil-Min *see* Chil-Min Kim
Kim Chonghoon *see* Chonghoon Kim
Kim Choon Ng *see* Gordon, J.M. 48482
Kim Choong-Ki *see* Choong-Ki Kim
Kim Choongun *see* Choongun Kim
Kim Chung Hee *see* Chung Hee Kim
Kim Chunghee *see* Chunghee Kim
Kim Dae Hwan *see* Dae Hwan Kim
Kim Dae Sik *see* Dae Sik Kim
Kim Dae Yong *see* Dae Yong Kim
Kim Do-Heyoung *see* Do-Heyoung Kim
Kim Doh Hoon *see* Doh Hoon Kim
Kim Don Wook *see* Don Wook Kim
Kim Dong Gil *see* Dong Gil Kim
Kim Dong Seop *see* Dong Seop Kim
Kim Dong Wook *see* Dong Wook Kim
Kim Dong-Su *see* Dong-Su Kim
Kim Donggil *see* Donggil Kim
Kim Donghwan *see* Donghwan Kim
Kim DooHyun *see* DooHyun Kim
Kim DooHyun David *see* DooHyun David Kim
Kim Eung-Kyeu *see* Eung-Kyeu Kim
Kim Eung-Sik *see* Eung-Sik Kim
Kim Han Min *see* Han Min Kim
Kim Han S. *see* Han S. Kim
Kim Han-Heung *see* Han-Heung Kim
Kim Han-Soo *see* Han-Soo Kim
Kim Hee Chan *see* Hee Chan Kim
Kim Heung Rak *see* Heung Rak Kim
Kim Heung Sik *see* Heung Sik Kim
Kim Ho Sung *see* Ho Sung Kim
Kim Ho Yong *see* Ho Yong Kim
Kim Hong Koo *see* Hong Koo Kim
Kim Hong-Man *see* Hong-Man Kim
Kim Hoyong *see* Hoyong Kim
Kim Hyeon Soo *see* Hyeon Soo Kim
Kim Hyeong Joon *see* Hyeong Joon Kim
Kim Hyeong-Kyo *see* Hyeong-Kyo Kim
Kim Hyeong-Soo *see* Hyeong-Soo Kim
Kim Hyeongdong *see* Hyeongdong Kim
Kim Hyeongyu *see* Hyeongyu Kim
Kim Hyo-Joong *see* Hyo-Joong Kim
Kim Hyo-Sung *see* Hyo-Sung Kim
Kim Hyo-Tae *see* Hyo-Tae Kim
Kim Hyong Shik *see* Hyong Shik Kim
Kim Hyoun Soo *see* Hyoun Soo Kim
Kim Hyung Myung *see* Hyung Myung Kim
Kim In-Soo *see* In-Soo Kim
Kim Insik *see* Insik Kim
Kim Jae Guen *see* Jae Guen Kim
Kim Jae Hyun *see* Jae Hyun Kim
Kim Jae Hyup *see* Jae Hyup Kim
Kim Jae Moon *see* Jae Moon Kim
Kim Jae-Cheol *see* Jae-Cheol Kim
Kim Jae-Hwan *see* Jae-Hwan Kim
Kim Jae-Kyoon *see* Jae-Kyoon Kim
Kim Jeong Hyun *see* Jeong Hyun Kim
Kim Jeong Moog *see* Jeong Moog Kim
Kim Jeong-Soo *see* Jeong-Soo Kim
Kim Jeong-Yeop *see* Jeong-Yeop Kim
Kim Jin Hyung *see* Jin Hyung Kim
Kim Jin Soo *see* Jin Soo Kim
Kim Jin-Woong *see* Jin-Woong Kim
Kim Jinhwan *see* Jinhwan Kim
Kim Jong Gyu *see* Jong Gyu Kim
Kim Jong Sung *see* Jong Sung Kim
Kim Jong Won *see* Jong Won Kim
Kim Jong-Hun *see* Jong-Hun Kim
Kim Jong-Shik *see* Jong-Shik Kim
Kim Jong-Wan *see* Jong-Wan Kim
Kim Joon-Seek *see* Joon-Seek Kim
Kim Ki-Soo *see* Ki-Soo Kim
Kim Ki-Tae *see* Ki-Tae Kim
Kim Kiseon *see* Kiseon Kim
Kim Kook Hun *see* Kook Hun Kim
Kim Kuk Hun *see* Kuk Hun Kim
Kim kwan-Joon *see* kwan-Joon Kim
Kim Kwang Ho *see* Kwang Ho Kim
Kim Kwang Nam *see* Kwang Nam Kim
Kim Kwang Soo *see* Kwang Soo Kim
Kim Kwang-Bae *see* Kwang-Bae Kim
Kim Kwang-Ho *see* Kwang-Ho Kim
Kim Kwang-Je *see* Kwang-Je Kim
Kim Kwang-Joon *see* Kwang-Joon Kim
Kim Kyu-Tae *see* Kyu-Tae Kim
Kim Kyung Chun *see* Kyung Chun Kim
Kim Kyung Yong *see* Kyung Yong Kim
Kim Kyung-Ho *see* Kyung-Ho Kim
Kim Min Gi *see* Min Gi Kim
Kim Moo-Song *see* Moo-Song Kim
Kim Moohwan *see* Moohwan Kim
Kim Moonil *see* Moonil Kim
Kim Myong Seob *see* Myong Seob Kim
Kim Myung-Sun *see* Myung-Sun Kim
Kim Myunghwan *see* Myunghwan Kim
Kim Nak-Myung *see* Nak-Myung Kim
Kim Nam *see* Nam Kim
Kim Sang-Bae, Han Yong-Su, Do Man-Hee Dependence of internal differential quantum efficiency on cavity length and its implications in measuring optical losses of laser diodes 3580
Kim Sang-Gi *see* Sang-Gi Kim
Kim Sang-Joon *see* Sang-Joon Kim
Kim Sang-Yeon *see* Sang-Yeon Kim
Kim Sangyoub *see* Sangyoub Kim
Kim Se Il *see* Se Il Kim
Kim Se Yun *see* Se Yun Kim
Kim Seog-Hyeon *see* Seog-Hyeon Kim
Kim Seog-Joong *see* Seog-Joong Kim
Kim Seong Dae *see* Seong Dae Kim
Kim Seong Jung *see* Seong Jung Kim
Kim Seong-Dae *see* Seong-Dae Kim
Kim Seong-Il *see* Seong-Il Kim
Kim Seong-Jun *see* Seong-Jun Kim
Kim Shi Yul *see* Shi Yul Kim
Kim Shi-Ho *see* Shi-Ho Kim
Kim Song Gang *see* Song Gang Kim
Kim Sun Yong *see* Sun Yong Kim
Kim Sun Young *see* Sun Young Kim
Kim Sung Chul *see* Sung Chul Kim
Kim Sung Chun *see* Sung Chun Kim
Kim Sung Ki *see* Sung Ki Kim
Kim Sung Rak *see* Sung Rak Kim
Kim Sung-Chun *see* Sung-Chun Kim
Kim Sung-Jhl *see* Sung-Jhl Kim
Kim Sung-Kyun *see* Sung-Kyun Kim
Kim Tae Gak *see* Tae Gak Kim
Kim Tae Gon *see* Tae Gon Kim
Kim Tae I. *see* Tae I. Kim
Kim Tae-Woong *see* Tae-Woong Kim
Kim Taeil *see* Taeil Kim
Kim Tai Yun *see* Tai Yun Kim
Kim Tong Seop *see* Tong Seop Kim
Kim Wang Sup *see* Wang Sup Kim
Kim Won Tae *see* Won Tae Kim
Kim Won-Chul *see* Won-Chul Kim
Kim Wonchan *see* Wonchan Kim
Kim Wonjong *see* Wonjong Kim
Kim Woo Yeol *see* Woo Yeol Kim
Kim Yeo Hwan *see* Yeo Hwan Kim
Kim Yeon-seuk *see* Yeon-seuk Kim
Kim Yi Han *see* Yi Han Kim
Kim Yong *see* Yong Kim
Kim Yong Han *see* Yong Han Kim
Kim Yong Tae *see* Yong Tae Kim
Kim Yong Tee *see* Yong Tee Kim
Kim Yong-Sang *see* Yong-Sang Kim
Kim Yoon-Ho *see* Yoon-Ho Kim
Kim Yoonkee *see* Yoonkee Kim
Kim Youn Tae *see* Youn Tae Kim
Kim Young Duk *see* Young Duk Kim
Kim Young Jin *see* Young Jin Kim
Kim Young Woong *see* Young Woong Kim
Kim Young-Chun *see* Young-Chun Kim
Kim Young-Han *see* Young-Han Kim
Kim Young-Seok *see* Young-Seok Kim
Kim Young-Wug *see* Young-Wug Kim
Kim-Fu Lim, Sr., Holley, M. Design with complex PLDs 41806
Kim-Minh Nguyen, Lefebvre, M.C. A family of module generators for the layout synthesis of I/O buffers 34015
Kimata, M. *see* Akiyama, A. 46503
Kimata, M. *see* Seto, T. 31283
Kimata, M. *see* Suga, I. 8630
Kimata, M. *see* Togami, Y. 46489
Kimball, C.V. *see* D'Angelo, R. 16057
Kimbara, K. *see* Shimada, Y. 9248
Kimber, E.M., Patel, B.L., Hadjifotiou, A.P. 12 GHz PIN-HEMT optical receiver front end 45932
Kimber, I. Generic techniques for the identification of wanted and unwanted modulations on pulses 36491
Kimberley, P. EDI: status in the Asia-Pacific region 45666
Kimble, T.C., Himel, M.D., Guenther, K.H. Optical waveguide characterization of dielectric films deposited by reactive low-voltage ion plating 11636
Kimchi, R. *see* Gopher, D. 15963
Kime, C.R. *see* So, B.S. 1145
Kime, K. *see* Shinoda, M. 28944
Kimel, I., Elias, L.R. Computer simulation of mode evolution in long pulse FELs 43987
Kimerling, L.C. Fundamentals of semiconductor processing 11259
Kimerling, L.C. *see* Michel, J. 43654
Kimerling, L.C. *see* Ren, F.Y.G. 11868
Kimerling, L.C. *see* Ren, F.Y.G. 20584
Kimia, B.B. *see* Sapiro, G. 509
Kimiaei, S. *see* Larsson, S.A. 15744
Kimishima, M., Ashizuka, T. 18-40 GHz semi-monolithic balanced cascade amplifiers using AlGaAs/InGaAs P-HEMT and GaAs MESFET 1581
Kimishima, S. *see* Nii, M. 17889
Kimmel, R. *see* Sapiro, G. 509
Kimmel, W.D., Gerke, D.D. Three keys to ESD systems design 21269
Kimmitt, M.F. *see* Doucas, G. 4003
Kimock, F.M. *see* Pickrell, D.J. 19241
Kimoto, H. *see* Takahashi, H. 26930
Kimoto, K. *see* Mochizuki, K. 26397
Kimoto, M. *see* Fujimoto, K. 22266
Kimoto, M. *see* Nogami, M. 40431
Kimoto, M. *see* Nogami, M. 40432
Kimoto, T., Asai, M., Yasuda, Y. Shape description by a distribution function based on skeleton structure 29910
Kimoto, T., Matsunami, H. Surface kinetics of adatoms in vapor phase epitaxial growth of SiC on 6H-SiC{0001} vicinal surfaces 26429
Kimoto, T., Urushidani, T., Kobayashi, S., Matsunami, H. High-voltage (>1 kV) SiC Schottky barrier diodes with low on-resistances 42847
Kimoto, Y. *see* Nakajima, K. 14772
Kimpton, D., Kerr, J. A simple trap-detrap model for accurate prediction of radiation induced threshold voltage shifts in radiation tolerant oxides for all static or time variant oxide fields 19845
Kimura, A., Nido, M., Murata, S., Shimizu, J.-I., Naniwae, K., Suzuki, A. Strain dependence of the linewidth enhancement factor in long-wavelength tensile- and compressive-strained quantum-well lasers 20803
Kimura, A. *see* Midorikawa, M. 23503
Kimura, G. *see* Inoue, M. 37177
Kimura, G. *see* Oosawa, H. 17019
Kimura, H., Aoki, N., Konagai, C., Shirayama, S., Miyazawa, T. Development of 200 W high-performance copper vapor laser with 6 cm diameter, 300 cm length 35684
Kimura, H., Takata, J., Iwanade, H., Sakao, M., Harashima, T., Kitta, M. Packaging technology used to develop the MELCOM80 GS700 10 small business computer 34114
Kimura, H. *see* Baba, H. 14536
Kimura, H. *see* Matsubara, G. 2888
Kimura, H. *see* Ohno, Y. 34080
Kimura, H. *see* Sayama, H. 10164
Kimura, H. *see* Sayama, H. 26941
Kimura, H. *see* Shibata, T. 10488
Kimura, I., Stubbe, P., Rietveld, M.T., Barr, R., Ishida, K., Kasahara, Y., Yagitani, S., Nagano, I. Collaborative experiments by Akebono satellite Tromso ionospheric heater, and European incoherent scatter radar 47250
Kimura, I. *see* Fujiwara, H. 37562
Kimura, I. *see* Kobayashi, K. 15682
Kimura, I. *see* Nagano, I. 29699
Kimura, I. *see* Wakayama, T. 23151
Kimura, I. *see* Yagitani, S. 44340
Kimura, I. *see* Zhao, H. 30243
Kimura, J. *see* Ito, N. 23740
Kimura, J. *see* Miyamoto, S. 23929
Kimura, J. *see* Okuyama, T. 23338
Kimura, J. *see* Saito, A. 23743
Kimura, J. *see* Taniguchi, T. 16463
Kimura, K. Analysis of "An MOS four-quadrant analog multiplier using simple two-input squaring circuits with source followers" 34191
Kimura, K. A bipolar four-quadrant analog quarter-square multiplier consisting of unbalanced emitter-coupled pairs and expansions of its input ranges 42097
Kimura, K. *see* Fujii, Y. 9605
Kimura, K. *see* Hasegawa, T. 11386
Kimura, K. *see* Kogure, M. 2164
Kimura, K. *see* Kurita, H. 20036
Kimura, K. *see* Morikawa, E. 14535
Kimura, K. *see* Nishioka, H. 3461
Kimura, K. *see* Okamura, M. 43676
Kimura, K. *see* Sandoh, Y. 48306
Kimura, K. *see* Shirai, S. 5674
Kimura, K. *see* Tokiwa, Y. 39576

Kimura, K. *see* Tomita, N. 45995
Kimura, M. *see* Kase, M. 42848
Kimura, M. *see* Kusaka, H. 5724
Kimura, M. *see* Miyagaki, S. 9582
Kimura, M. *see* Ogawa, T. 2328
Kimura, M. *see* Ohishi, H. 7479
Kimura, M. *see* Tomo, Y. 27947
Kimura, M. *see* Udono, H. 33682
Kimura, M. *see* Yano, K. 2535
Kimura, M. *see* Yano, K. 19913
Kimura, N., Funaki, T., Dahroji, Matsu-ura, K., Takenaka, K. Improving stability of power system by forced commutation static VAr compensator 16242
Kimura, N., Funaki, T., Li, A., Matsu-ura, K. Dynamic behavior of forced commutation static VAr compensator applied for reactive power compensation of HVDC converter 16158
Kimura, N. *see* Araki, N. 7618
Kimura, N. *see* Funaki, T. 7919
Kimura, N. *see* Masuda, T. 40579
Kimura, N. *see* Ohkuma, J. 31580
Kimura, S. Development of an automated consumables control system 8905
Kimura, S., Kashima, S., Haneda, H. Precise timing verification of logic circuits under combined delay model 26880
Kimura, S., Sato, E., Sagae, M., Shikoda, A., Oizumi, T., Takahashi, K., Tamakawa, Y., Yanagisawa, T. Disk-cathode flash X-ray tube driven by a repetitive two-stage Marx pulser 7393
Kimura, S., Tanaka, M., Hatooka, Y., Matumoto, Y., Akaishi, A. Development of flexible RF cable for S-band inter-satellite communication antenna of ETS-VI 21433
Kimura, S., Tsubota, S., Haneda, H. Preciseness of discrete time verification 18617
Kimura, S. *see* Hasegawa, K. 3232
Kimura, S. *see* Ichikawa, Y. 25333
Kimura, S. *see* Noda, H. 42922
Kimura, S. *see* Yamada, H. 31377
Kimura, T. Concurrent engineering and virtual production 17791
Kimura, T., Murakami, K. An in-vehicle communications LSI set for automotive electronic control systems 33134
Kimura, T., Murano, K., Sakano, T., Nishino, S. Laser scanning mirror manufactured by transfer process method 3282
Kimura, T., Nishimura, T., Murotani, T., Ono, H. Vapor phase epitaxy of InP with halide transport on earth and under microgravity 18223
Kimura, T., Okura, Y., Sonoda, T. The use of metal-organic chemical vapor deposition to grow buried InP layers 18257
Kimura, T., Sakaguchi, H., Takashima, M., Noda, K. Temperature gradient type calorimeter using optical fiber coupler 15063
Kimura, T. *see* Alberti, S. 3405
Kimura, T. *see* Inoue, T. 27000
Kimura, T. *see* Inoue, T. 41936
Kimura, T. *see* Matsuda, H. 48338
Kimura, T. *see* Nishimura, T. 3633
Kimura, T. *see* Oguri, T. 10140
Kimura, T. *see* Onozawa, S. 18677
Kimura, T. *see* Rullier, J.L. 43694
Kimura, T. *see* Sasaki, M. 42940
Kimura, T. *see* Seno, K. 34047
Kimura, T. *see* Sugimoto, H. 19554
Kimura, T. *see* Suzuki, S. 32723
Kimura, T. *see* Ura, S. 43524
Kimura, T. *see* Yamamura, S.'i. 34572
Kimura, T. *see* Yoshida, K. 5878
Kimura, W.D. *see* Steinhauer, L.C. 15471
Kimura, W.D. *see* Tidwell, S.C. 3733
Kimura, Y., Taniguchi, Y., Ando, T., Takai, Y., Shimizu, R., Ikuta, T. A practical method for modulation of accelerating voltage for active modulation image processing electron microscopy 34488
Kimura, Y., Yamada, E., Nakazawa, M. Erbium-doped fiber amplifier for optical soliton transmission system 30733
Kimura, Y. *see* Kondo, T. 26995
Kimura, Y. *see* Nakazawa, M. 3482
Kimura, Y. *see* Nakazawa, M. 28972
Kimura, Y. *see* Ogai, K. 27868
Kimura, Y. *see* Yamanouchi, T. 15849
Kimura, Y. *see* Yoshida, E. 3520
Kimura, Y. *see* Yoshida, E. 3567
Kimura, Y. *see* Yoshida, E. 28764
Kin Lu Wong, Horng-Dean Chen Resonance in a spherical annular-ring microstrip structure 21420
Kin Man Yu, Ager, J.W., III, Bourret, E.D., Walker, J., Walukiewicz, W. High dose Cl implantation in ZnSe: impurity incorporation and radiation damage 34519
Kin Man Yu, Moll, A.J., Walukiewicz, W., Derhacobian, N., Rossington, C. Amphoteric substitutionality and lattice distortion of Ge in InP 42644
Kin Man Yu *see* Moll, A.J. 19535
Kin Man Yu *see* Moll, A.J. 42638
Kin Man Yu *see* Seongil Im 18137
Kin Mun Lye *see* Kee Chaing Chua 13908
Kin-Lu Wong, Hong-Twu Chen Resonance in a spherical-circular microstrip structure with an airgap 18998
Kin-Lu Wong, Hong-Twu Chen, Wei-Lin Huang Resonance and radiation of a spherical-circular microstrip patch antenna on a uniaxial substrate 4299
Kin-Lu Wong, Nan-Cheng Chen Analysis of a broadband hemispherical dielectric resonator antenna with a dielectric coating 36379
Kin-Lu Wong *see* Hong-Twu chen 4286
Kin-Lu Wong *see* Horng-Dean Chen 36389
Kin-Lu Wong *see* Jeen-Sheen Row 4300
Kin-Lu Wong *see* Jeen-Sheen Row 18985
Kin-Lu Wong *see* Shyh-Yeong Ke 21422
Kin-Lu Wong *see* Shyh-Yeong Ke 44557
Kin-Lu Wong *see* Wen-Shyang Chen 44573
Kinal, G.V. *see* van Dierendonck, A.J. 23244
Kinard, J.R., Knight, R.B.D., Martin, P., Klonz, M., de Vreede, J.P.M., Dessens, J. Intercomparison of NIST, NPL, PTB, and VSL thermal voltage converters from 100 kHz to 1 MHz 6283
Kinard, J.R., Zhen, Z., De-Xiang Hang, Rebuldela, G., Janik, D., de Vreede, J. Intercomparison of thermal converters at NIM, NIST, PTB, SIRI, and VSL from 10 to 100 MHz 6284
Kinashi, K. *see* Niwano, M. 27679
Kinashi, K. *see* Niwano, M. 42715
Kinbara, A. *see* Michizono, S. 1810
Kincaid, B.E. *see* Becker, R.A. 35462
Kincaid, B.E. *see* Becker, R.A. 43521
Kincaid, J.E., McGregor, M.A. Electrical noise considerations in facility/plant design 455
Kincaid, N. *see* Corcoran, S.F. 42541
Kincaid, R.K. *see* Park, S.K. 26280
Kinch, M.A. *see* Schiebel, R.A. 11133
Kind, D., Braun, E. Metrology in electricity 25065
Kindblom, P. *see* Adam, W. 7259
Kindblom, P. *see* Adam, W. 31715
Kindblom, P. *see* Adam, W. 46929
Kindel, R. *see* Hagood, N. 28328
Kinder, R. *see* Vyparina, V. 23844
Kindermann, J., Windheuser, C. Unsupervised sequence classification 4495
Kindermann, R. Measuring instruments for testing of protective equipment 31346
Kindler, E. *see* Gomm, D. 18014
Kindt, S., Linlin Li, Petermann, K., Braun, R.-P. Limits of frequency conversion in injection-locked semiconductor lasers 35800
Kindyak, A.S., Kolosov, V.A., Demchenko, A.I., Makutina, L.I. Dispersive magnetostatic-wave delay lines with predefined parameters 11502
King, B.A., Cooper, E.B. Comparison of ship's heading determined from an array of GPS antennas with heading from conventional gyrocompass measurements 47278
King, B.J. *see* Auchincloss, P.S. 46953
King, B.J. *see* Kinnel, T.S. 38880
King, B.T., Tobin, W. Charge-coupled device detection of two-beam interference with partially coherent light 38551
King, C. British Coal's first 3.3 kV coal face 48502
King, C.A. *see* Chapman, J.W. 24689
King, C.A. *see* Moriya, N. 42448
King, C.A. *see* Ross, F.M. 34912
King, C.C. *see* Schuegraf, K.F. 20006
King, C.F. *see* White, T.R. 19664
King, C.N. *see* Yu, J.E. 42655
King, D.L. *see* Zhao, J. 20534
King, E.E. *see* Huang, D.-H. 35013
King, E.E. *see* Wang, J.J. 15640
King, G., Baumgardner, D. Gasket materials improve enclosure performance and cost 33386
King, G.A. *see* Wardak, A.A. 34106
King, I.D., Aspden, P.L. Travelling wave predictions by the delta boundary operator method 12583
King, L. High speed 80 volt H-bridge driver ICs 41658
King, L. High speed 80 volt H-bridge driver ICs 41675
King, L. *see* Livingstone, F.R. 36088
King, M.A. *see* Hademenos, G.J. 15755
King, M.A. *see* Soares, E.J. 15759
King, N.J. *see* Horton, J.A. 5624
King, P.H. *see* Hyman, S.A. 7436
King, R. *see* Cox, S.J. 38836
King, R. *see* Johnson, P.C. 41442
King, R. *see* Rowles, C. 4579
King, R. *see* Thanedar, P. 626
King, R.A. *see* Fuhr, J. 40283
King, R.D., Konrad, C.E. Advanced on-road electric vehicle AC drives—concept to reality 48319
King, R.F. *see* McAdams, R. 15594
King, R.L. *see* Brooks, D.L. 47859
King, R.L. *see* Draper, R.M. 47860
King, R.L. *see* Grantham, W.C. 47402
King, R.L. *see* Novosel, D. 47413
King, R.N. *see* Lacovangelo, C.D. 27391
King, R.W., Vonwiller, J.P. Undergraduate education for speech technology: an introductory course for electrical engineers and linguists 9157
King, R.W. *see* Dowling, A.R. 4566
King, R.W. *see* Hunt, A.J. 14072
King, R.W. *see* Luo, S.-H. 5134
King, R.W. *see* Maher, A.G. 12997
King, R.W.P., Sandler, S.S. The electromagnetic field of a vertical electric dipole in the presence of a three-layered region 44543
King, R.W.P. *see* Bannister, P.R. 4314
King, S. The programmer/handler interface 1203
King, S. A blackboard architecture for building decision support systems 37220
King, S. *see* Dexheimer, O. 37298
King, S. *see* Parsons, S. 37351
King, S.K. *see* Viveash, J.P. 47195
King, T.-J., McVittie, J.P., Saraswat, K.C., Pfiester, J.R. Electrical properties of heavily doped polycrystalline silicon-germanium films 42451
King, T.A. *see* Ahmad, H.B. 43758
King, T.A. *see* Liao Jianghong 20876
King, T.A. *see* Liao Jianghong 20939
King, T.G. *see* Thornley, J.K. 11419
King, T.J. *see* Hack, M. 19870
King, W. *see* Chen, B. 20026
King, W.L., van der Meijden, M.A.M.M., Al-Said, A., Bakic, K., Antikainen, J., Donovan, J.A., Eggleton, M.N., Ehmcke, B., van Geert, E., Hepburn, M., Jonsson, T., Valentin, J.G., Mazzoni, M., Nordby, M., Sullivan, G.R. Interaction between transmission and distribution system planning: density and size of substations 24888
King Chi-Yeh *see* Chi-Yeh King
King Chung-Ta *see* Chung-Ta King
King Chwan-Wen *see* Chwan-Wen King
King Hong-Jeung *see* Hong-Jeung King
King Tsu-Jae *see* Tsu-Jae King
Kingdon, H. Altera FLEX8000—the benefits of FPGAs and EPLDs combined 41790
Kingetsu, T., Sakai, K. Seeded epitaxial growth of close-packed metal films and their superlattices on silicon substrates 41377
Kinglsey, P. Selecting nonfriction stopping methods [motor braking] 32878
Kingon, A.I. *see* Al-Shareef, H.N. 34293
Kingon, A.I. *see* Gifford, K.D. 11369
Kingsbury, N.G. *see* Karunasekera, S.A. 29960
Kingsbury, N.G. *see* Tay, D.B.H. 10331
Kingsbury, N.G. *see* Tay, D.B.H. 13623
Kingsley, C. *see* Mahmood, M. 969
Kingsley, J. *see* Hsiao, G.S. 34850
Kingsley, L. *see* Weiner, M. 28637
Kingsley, L. *see* Zhang, X.-C. 44182
Kingsley, L.E., Donaldson, W.R. Numerical analysis of electric field profiles in high-voltage GaAs photoconductive switches and comparison to experiment 35574
Kingsley, P. New invention reduces DC-motor speed ripple 16882
Kingston, A.E. *see* Holden, P.B. 28691
Kingston, J.J. *see* Black, R.C. 23854
Kingston, J.J. *see* Fork, D.K. 28309
Kingston, J.J. *see* Wellstood, F.C. 28409
Kiniklis, P. *see* Pitas, I. 22006
Kinjo, M. *see* Nakao, Z. 17957
Kinjo, S., Kiya, H., Ochi, H. An efficient realization of the frequency sampling filter (FSF) bank and its application to the sub-band adaptive filter 10317
Kinjo, S. *see* Ochi, H. 4590
Kinnel, T. *see* Bernstein, A. 31661
Kinnel, T. *see* Wang, M.-Z. 31689
Kinnel, T.S., Sandler, P.H., Smith, W.H., Arroyo, C., Bachmann, K.T., Bazarko, T., Bolton, T., Foudas, C., King, B.J., Lefmann, W.C., Leung, W.C., Mishra, S.R., Oltman, E., Quintas, P.Z., Rabinowitz, S.A., Sciulli, F.J., Seligman, W.G., Shaevitz, M.H., Merritt, F.S., Oreglia, M.J., Schumm, B.A., Bernstein, R.H., Borcherding, F.O., Fisk, H.E., Lamm, M.J., Marsh, W., Merritt, K.W.B., Schellman, H., Yovanovitch, D.D., Bodek, A., Budd, H.S., de Barbaro, P., Sakumoto, W.K. Hadron shower energy and direction measurements using drift chambers 38880
Kinney, C.F. *see* Chong, C.K. 27430
Kinney, E.R. Beam-induced target depolarization 31650
Kinney, J. *see* Le, T.T. 20011
Kinney, T.A., Brown, R.A. Application of turbulence modeling to the integrated hydrodynamic thermal-capillary model of Czochralski crystal growth of silicon 643
Kinney, T.A. *see* Bornside, D.E. 652
Kinney, W. *see* Wake, M. 15366
Kinniment, D.J., Kappos, E., Acarnley, P.P. Experience of the use of ASIC methods in a motor control application 8453
Kinnison, J.D. *see* Suter, J.J. 23840
Kinno, A. *see* Oku, T. 31019
Kino, G.S. *see* Chang, F.C. 11044
Kino, G.S. *see* Chim, S.S.C. 34869
Kino, G.S. *see* Liu, A.C. 43548
Kino, G.S. *see* Wu, X.D. 6774
Kino, G.S. *see* Wu, X.D. 14915
Kinomura, M. *see* Mizushina, S. 7361
Kinose, R. *see* Mori, S. 17625
Kinoshita, A. *see* Aoyagi, H. 19615
Kinoshita, C.M. *see* Nihous, G.C. 39973
Kinoshita, H. Generation of high-density O_2 supermagnetron plasma over lower cathode by radio frequency power supply to upper cathode 34784

Kinoshita, H., Huang, T.H., Kwong, D.L. Modeling of boron diffusion and activation for nonequilibrium rapid thermal annealing application 2066
Kinoshita, H., Huang, T.H., Kwong, D.L., Bakeman, P.E., Jr. Boron diffusion in fluorine preamorphized silicon during rapid thermal annealing 2065
Kinoshita, H., Kurihara, K., Mizota, T., Haga, T., Takenaka, H., Torii, Y. Large-area, high-resolution pattern replication by the use of a two-aspherical-mirror system 27833
Kinoshita, H., Suzuki, S., Asai, H. A piecewise-linear analysis of bipolar transistor circuits using switch-level pattern dynamics 26663
Kinoshita, H. *see* Huang, T.-H. 2069
Kinoshita, H. *see* Huang, T.H. 19526
Kinoshita, H. *see* Sekioka, S. 11346
Kinoshita, H. *see* Yunibhand, K. 30099
Kinoshita, K. Digital cellular systems take firm hold of global markets 37831
Kinoshita, K. Multimedia LAN services 45614
Kinoshita, K., Arisaka, S., Kobayashi, T. Fabrication and characterization of bi-epitaxial grain boundary junctions in $YBa_2Cu_3O_{7-\delta}$ 2897
Kinoshita, K., Landgrebe, A.R. Analysis of power and energy for fuel cell systems 25671
Kinoshita, K., Nakamura, M. VFD makers eye position in public-display market 23805
Kinoshita, K., Saito, T. ATM LAN technologies for integrated business communication services 37312
Kinoshita, K. *see* Cairns, E.J. 17289
Kinoshita, K. *see* Chen, C.-X. 45349
Kinoshita, K. *see* Higami, Y. 18616
Kinoshita, K. *see* Kajihara, S. 33958
Kinoshita, K. *see* Komatsu, M. 37147
Kinoshita, K. *see* Miura, Y. 10089
Kinoshita, K. *see* Miura, Y. 11313
Kinoshita, K. *see* Nimura, H. 14591
Kinoshita, K. *see* Rubio, A. 34007
Kinoshita, K. *see* Shibatani, S. 10109
Kinoshita, K. *see* Wen Xiaoqing 11280
Kinoshita, K. *see* Xiaoqing, W. 1188
Kinoshita, M. *see* Iwamoto, S. 24807
Kinoshita, N. *see* Sampei, S. 37728
Kinoshita, S., Okiyama, T., Kuwahara, H. Optimized bandwidth of optical filter in optical preamplifier 30757
Kinoshita, T., Nakahashi, T., Maruyama, M. Variable-bit-rate HDTV codec with ATM-cell-loss compensation 5590
Kinoshita, T., Nakahashi, T., Maruyama, M. A variable bit-rate HDTV codec for ATM networks 31020
Kinoshita, T. *see* Isomura, M. 40463
Kinoshita, T. *see* Maya, Y. 37464
Kinoshita, T. *see* Tamura, K. 23979
Kinoshita, T. *see* Yamamoto, T. 28757
Kinoshita, Y. *see* Kuroi, T. 42864
Kinoshita, Y. *see* Przybilla, K.J. 11052
Kinoshita, Y. *see* Roschert, H. 11047
Kinosita, N., Kojima, Y. Power system simulator 47346
Kinosita, S. *see* Suzuki, T. 24156
Kinosky, D., Qian, R., Mahajan, A., Thomas, S., Munguia, P., Fretwell, J., Banerjee, S., Tasch, A. Hydrogen plasma cleaning of the Si(100) surface: removal of oxygen and carbon and the etching of Si 34737
Kinosky, D., Qian, R., Mahajan, A., Thomas, S., Munguia, P., Fretwell, J., Banerjee, S., Tasch, A., Magee, C. HF/alcohol preparation of wafers for the reduction of haze in low temperature Si epitaxy by remote plasma chemical vapor deposition 33699
Kinosky, D. *see* Qian, R.Z. 9587
Kinosky, D.S., Qian, R., Mahajan, A., Thomas, S., Fretwell, J., Munguia, P., Banerjee, S., Tasch, A. Remote plasma cleaning and ion-induced hydrogen desorption from the silicon (100) surface and its applications to Si epitaxy 10962
Kinouchi, Y. *see* Nagashino, H. 897
Kinpara, Y. *see* Doki, S. 16764
Kinra, V.K. *see* Zhu, C. 6807
Kinross-Wright, J. *see* Nguyen, D.C. 43972
Kinross-Wright, J.M. *see* Sheffield, R.L. 44008
Kinsella, K. *see* Markham, J.R. 6680
Kinser, D.L. *see* Davidson, J.L. 23546
Kinser, J. *see* Juday, R.D. 30120
Kinsho, M. *see* Mori, Y. 15572
Kinsler, P., Fernee, M., Drummond, P.D. Limits to squeezing and phase information in the parametric amplifier 3809
Kinsman, C.M. Multi-utility DSM trials 7775
Kinsner, W., Langi, A. Speech and image signal compression with wavelets 29543
Kinsner, W. *see* Ferens, K. 29915
Kinsner, W. *see* Grieder, W. 29544
Kinsner, W. *see* Wall, L. 29452
Kinsner, W. *see* Wall, L. 29916
Kintaka, K. *see* Fujimura, M. 20971
Kinter, T.M. *see* Zheng, Y. 7406
Kintz, G. *see* Hutchison, S.B. 20719
Kintzer, E.S. *see* Adams, L.E. 20805
Kintzer, E.S. *see* Livas, J.C. 6049
Kintzer, E.S. *see* Walpole, J.N. 20824
Kinugasa, N., Yokoyama, A., Chigira, A., Ohara, A., Ishizuka, Y., Masui, H. Y/C 1-chip IC AN2400 for camcorders 38341
Kinugasa, T. *see* Imaide, T. 14826
Kinugasa, T. *see* Ohtsubo, H. 14823
Kinugawa, M. TFT cell technology for high density SRAMs 26959
Kinzel, H. *see* Braun, P. 47704
Kinzer, R.L. *see* Johnson, W.N. 7147
Kinzl, L. *see* Strecker, W. 47031
Kinzy Jones, W., Yangqing Liu, Morrone, A. The effect of thermal exposure on the structure and mechanical properties of Al-1%Si bonding wire 18301
Kinzy Jones, W. *see* Schardt, C. 17876
Kiosse, G.A. *see* Molin, A.N. 33673
Kipchatov, A.A., Krasichkov, L.V. Modification of the structure of a strange attractor in the band-pass filtering of chaotic oscillations 36659
Kiper, A. *see* Yigit, I. 37453
Kipfer, P. *see* Collischon, M. 12297
Kipnis, P. *see* Brodsky, J. 8787
Kipp, R. Compact power relay T92 switches up to 30 A 34309
Kipp, R., Chan, C.H. Triangular-domain basis functions for full-wave analysis of microstrip discontinuities 21317
Kipp, R., Chan, C.H., Yang, A.T., Yao, J.T.W. Simulation of high-frequency integrated circuits incorporating full-wave analysis of microstrip discontinuities 1641
Kippelen, B., Peyghambarian, S.N., Lyon, S.R., Padias, A.B., Hall, H.K., Jr. New highly efficient photorefractive polymer composite for optical-storage and image-processing applications 2930
Kippelen, S.B., Peyghambarian, N., Lyon, S.R., Padias, A.B., Hall, H.K., Jr. Dual-grating formation through photorefractivity and photoisomerization in azo-dye-doped polymers 20294
Kippen, M. *see* Schonfelder, V. 7146
Kippenberg, H. *see* Heitzinger, F. 40360
Kipper, A. *see* Deitinghoff, H. 31557
Kipper, U. *see* Wolf, D. 13092
Kira, H. *see* Kusagaya, T. 1764
Kirabayashi, O. *see* Chikada, N. 16309
Kirakosyants, V.Ye., Loginov, V.A. On the potential possibilities of the transmission of optical radiation through a randomly inhomogeneous medium 4139
Kiraly, L., Dapkus, D.A., II, Zhang, Y. Driving solenoids with a new, fully protected high-side DMOS switch 41660
Kiraly, L., Dapkus, D.A., II, Zhang, Y. Driving solenoids with a new, fully protected high-side DMOS switch 44264
Kiran, A.S., Roberts, D.J., Strudler, B.S. A "simulated" SMT production line 33325
Kiratani, Y. *see* Namegaya, T. 12184
Kirbie, H. *see* Yu, S.S. 15339
Kirbie, H.C. *see* Barnard, J.J. 31535
Kirbie, H.C. *see* Newton, M.A. 6930
Kirbie, H.C. *see* Newton, M.A. 31536
Kirby, A. *see* Alexander, S.B. 6055
Kirby, J.K. *see* Seaver, C.R., III 7879
Kirby, M. Low-dimensional processing of still and moving images 29815
Kirby, M., Miranda, R. Nonlinear reduction of high-dimensional dynamical systems via neural networks 33860
Kirby, R. *see* Saez, P. 23989
Kirby, R. *see* Schultz, D. 38807
Kirby, S., Lauritsen, J., Pack, G., Ha, A., Jowers, S., McNenny, R., Truong, T., Dell, J. Real-time automated failure analysis for on-orbit operations 23410
Kirby, S.K. *see* Ting, D.Z.-Y. 42455
Kirby, T. *see* Becher, C. 384
Kirch, H.J., Krause, C. Design and application of an oil-sealing structure made from transformerboard and used in HVDC converter-transformers 47485
Kirchenberger, U., Fischer, K., Schroder, D. Analysis of a constant frequency series-parallel multiresonant converter for high power and increased output voltages 16980
Kirchenberger, U. *see* Farhangi, S. 16970
Kircher, F. *see* Granier, M. 15547
Kircher, F. *see* Le Bars, J. 15544
Kirchgessner, J. *see* Moffat, D. 15431
Kirchgessner, J. *see* Padamsee, H. 6995
Kirchgessner, J. *see* Padamsee, H. 15428
Kirchheim, R. Electromigration, models and atomistic interpretation 2227
Kirchheim, R. Modelling electromigration and induced stresses in aluminum lines 34821
Kirchhoff, J. Priorities for district heat in the new Federal States 47737
Kirchner, D., Ressler, H., Grudler, P., Baumont, F., Veillet, C., Lewandowski, W., Hanson, W., Klepczynski, W., Uhrich, P. Comparison of GPS common-view and two-way satellite time transfer over a baseline of 800 km 6291
Kirchner, G., Miklautz, J., Nackler, K. Constructional items of the power house [Koralpe power station] 40051
Kirchner, G. *see* Meier, J. 24027
Kirchner, J. All cued up for VHF broadcasting 38231
Kirchner, P.D. *see* Chin, T.P. 9539
Kirchner, P.J. *see* Seabury, C.W. 27207
Kirchsteiger, C. On a possible antimony in the Bayesian modelling approach 25166
Kirchsteiger, C. Nonparametric estimation of time-dependent failure rates for probabilistic risk assessment 47658
Kirchsteiger, C., Bock, H. Improved research reactor probabilistic safety assessment with an increased amount of plant-specific data 25161
Kir'enin, I.A. *see* Berezin, G.L. 11547
Kiresuk, T.J. *see* Evans, D.F. 187
Kiriaki, S. *see* Fattaruso, J.W. 33934
Kiriaki, S. *see* Fattaruso, J.W. 42004
Kirichenko, A.F. *see* Polonsky, S.V. 41862
Kirichenko, A.M., Krushenik, S.D., Sigal, M.V., Kustov, V.P. Feasibility and usefulness of reconstructing obsolete power blocks of VVÉR-440 reactors 8093
Kirichuk, V.S. Adaptive algorithms of search for annular structures 33477
Kiriev, A. *see* Portelles, J. 2714
Kirihara, T., Ogawa, M., Inoue, H., Ishida, K. Lossless and low-crosstalk characteristics in an InP-based 2×2 optical switch 20375
Kirihara, T., Ogawa, M., Inoue, H., Kodera, H., Ishida, K. Lossless and low-crosstalk characteristics in an InP-based 4×4 optical switch with integrated single-stage optical amplifiers 45994
Kirihara, Y. *see* Tokunaga, H. 14015
Kirii, K. *see* Yamasaki, S. 40576
Kirilenko, A.A., Orlov, M.V., Tkachenko, V.I. Stepped model of smooth irregularities corrected for location of equivalent reflection surface 21296
Kirilenko, A.V. *see* Stognii, V.S. 32256
Kirilenko, E.K. *see* Zherdienko, V.V. 44101
Kirillin, K.L. *see* Zalogin, N.N. 14674
Kirillov, A.D. *see* Issinsky, I.B. 46804
Kirillov, D.N., Tuzkov, A.V. Synthesis of signals exposed to narrowband interference 21868
Kirillov, G.A. *see* Dolgopolov, Y.V. 35658
Kirillov, G.A. *see* Kalinovsky, V.V. 35661
Kirillov, G.A. *see* Pevny, S.N. 35657
Kirillov, V.G., Lavrov, A.M., Semenov, V.D., Sokolov, Yu.N., Tseluiko, A.V., Shelkov, E.M., Jurkin, V.A. Prospects for creation of the disk open cycle MHD-generators 25771
Kirillov, V.G., Mjasnikov, Ju.A., Rozdgestvensky, B.V., Semenov, V.D., Sokolov, Yu.N., Solames, A.A., Shelkov, E.M., Tseluiko, A.V., Jurkin, V.A. MHD generator of the coal fired U-25G facility 25763
Kirillov, V.G. *see* Aitov, N.L. 25757
Kirillov, V.G. *see* Zubtzov, V.M. 25823
Kirimoto, T. *see* Kondo, M. 23146
Kirino, F., Nakamura, J., Ohta, N., Kugiya, F. Relationship between magnetic characteristics and layer structure of NdTbFeCo magneto-optical recording film 28351
Kirino, F., Ohta, N., Kugiya, F. Influence of Nb, Pt addition for thermal stability of TbFeCo magneto-optical recording film 41492
Kirino, F., Okamine, S., Ohta, N. Read-write characteristics and reliability of quadri-layer magneto-optical disks using Cu-X(X=Al, Mn, Ni) layer as a metal reflective film 43299
Kirino, F. *see* Ide, H. 20425
Kirisawa, K. *see* Yoshida, M. 36945
Kiritani, S., Hirose, H., Imagawa, H. High-speed digital image analysis of vocal cord vibration in diplophonia 7354
Kiriyama, J. Concurrent engineering construction tool and its applications 17793
Kirjassof, D.E. Large-scale business process improvement: reducing total make-to-market cycle time 9179
Kirk, A., Jamieson, S., Imam, H., Hall, T. Experimental implementation of a 25 channel free-space optical switching architecture 28552
Kirk, A., Tabata, T., Ishikawa, M. Cellular processing with diffractive optical elements 28551
Kirk, A., Tabata, T., Ishikawa, M. Design of an optoelectronic cellular processing system with a reconfigurable holographic interconnect 43586
Kirk, A., Tabata, T., Ishikawa, M., Toyoda, H. Reconfigurable computer generated holograms 36042
Kirk, A. *see* Hamell, R.L. 23398
Kirk, A.G., Ishikawa, M., Jamieson, S., Hall, T.J. The design and fabrication of quasi-periodic computer generated holograms 12466
Kirk, B. *see* Olsen, L. 33902
Kirk, E.C.G. *see* van Vechten, D. 24131
Kirk, H.R. *see* Braga, N. 34908
Kirk, J. *see* Carlson, N.W. 20825
Kirk, J.B. *see* Abeles, J.H. 20863
Kirk, J.C., Jr. Using the fractal dimension (FD) to discriminate between targets and clutter 23124
Kirk, T.J., Winnick, J. A hydrogen sulfide solid-oxide fuel cell using ceria-based electrolytes 25662
Kirk, W.P. *see* Andrews, C.C. 19920
Kirk, W.P. *see* Andrews, C.C. 42992
Kirk, W.P. *see* Li, F. 27549
Kirk, W.P. *see* Szott, W. 1902
Kirk, W.P. *see* Wang, T. 6745
Kirke, B.K., Lazauskas, L. Experimental verification of a mathematical model for predicting the

performance of a self-acting variable pitch vertical axis wind turbine 8255
Kirkeby, O., Orduna, F., Nelson, P.A., Hameda, H. Inverse filtering in sound reproduction 23354
Kirkham, D.O., Shoubridge, P.J. The Telecom/DSTO Research ATM Network 37161
Kirkham, H., Allen, G., Agrawal, R. AbNET: an optical fiber solution for DA 7760
Kirkham, H., Johnston, A.R., Allen, G.D. Design considerations for a fiber optic communications network for power systems 47414
Kirkhorn, T., Nilsson, J., Holmer, N. Enhanced density resolution with continuous ink jet printing using dual ink densities 38969
Kirkland, L.V. An artificially intelligent-human interface for test/diagnosis 23451
Kirkland, L.V., Dean, J.S. ATE enabling technologies: present and future 38408
Kirkland, L.V., Sheppard, J.W., Simpson, W.R. Evaluating AI-ESTATE standards compliance using a functional intelligence ratio 23437
Kirkland, L.V. *see* Allred, L.G. 23446
Kirkner, D.J. *see* Minhan Chen 34886
Kirkpatrick, J.B. *see* Endres, T.J. 10020
Kirkpatrick, J.B. *see* Endres, T.J. 18531
Kirkpatrick, M., Dutra, L.A., Lyons, R.A., Osga, G.A., Pucci, J.J. Tactical symbology standards 16111
Kirkpatrick, M. *see* Malone, T.B. 16113
Kirleis, J.T. *see* Smart, C.J. 41470
Kirlin, P.S. *see* Kriss, R.U. 41472
Kirlin, R.L., Du, W., Cui, Y., Robertson, G., Zhang, Y., Driessen, P.F. Measured 900 MHz complex impulse responses in mountainous terrain: relationship to topographical map data 12600
Kirlin, R.L., Lu, W.S., Hedstrom, B., Leung, C.M. Towfish orientation and position estimation 6156
Kirmani, S.F., Haugen, P.R., Kranz, D.M. Profiling of multichip-module interconnects with a hybrid high speed triangulation range sensor 1756
Kirpanev, A.V. *see* Lavrov, V.Ya. 29086
Kirsaedter, K. *see* Ehrlich, I. 32336
Kirsanov, A.V. *see* Betin, A.A. 44105
Kirsch, H.C. *see* Kenkare, P.U. 35081
Kirsch, H.C. *see* Roth, S.S. 10149
Kirschbaum, M. *see* Dewald, N. 16197
Kirschen, D. *see* Heilbronn, B. 24818
Kirschen, D.S. *see* Krost, G. 32269
Kirschenhofer, P., Prodinger, H. A result in order statistics related to probabilistic counting 503
Kirschenhofer, P. *see* Flajolet, P. 41219
Kirschner, H. *see* Edinger, W. 25139
Kirschner, I., Leppavuori, S., Uusimaki, A. Relationship among preparation, structure and superconductivity in Tl-Ca-Ba-Cu-O compounds 20172
Kirschner, M.J. *see* Chang, E.K. 34414
Kirscht, F.-G., Weber, E.R., Fricke, P., Babanskaya, I., Buchheim, G. Oxygen precipitation and gettering in polysilicon-deposited Ca-Si wafers 2006
Kirscht, F.G., Kim, S.B., Yeh, J.J., Wildes, P.D., Zaumseil, P. Defect control in Cz silicon 2011
Kirss, R.U. *see* Danek, M. 18262
Kirstein, P.T. *see* Handley, M.J. 14292
Kirsteins, I.P., Tufts, D.W. Adaptive detection using low rank approximation to a data matrix 29721
Kirtley, K.B. *see* Richter, R. 445
Kirwan, B. Plant control diagnostic failure—just a matter of time? 39725
Kiryati, N., Szekely, G. Estimating shortest paths and minimal distances on digitized three-dimensional surfaces 13637
Kiryu, T. *see* Saitoh, Y. 31928
Kiryukhin, A.A. *see* Voron'ko, Yu.K. 28786
Kiryukhin, A.M. *see* Minin, V.I. 1287
Kiryushin, A.I. *see* Kochetkov, L.A. 25149
Kiryushin, Yu.I. *see* Dossadin, V.I. 12424
Kisaka, Y. *see* Horie, M. 33730
Kisatsky, P. *see* Gupta, L. 45093
Kisch, D.O., Galan, N. A new direct rotor field oriented scheme, using the third harmonic component of the air gap flux 8413
Kischefsky, J.A., Dolnik, T.G. Recloser control communication for distribution system automation and control 7771
Kisef, D. Resonant converter for induction heating with IGBT 33149
Kiselev, A.A. *see* Ivchenko, E.L. 42506
Kiselev, A.N. *see* Park, W.K. 9743
Kiselev, G.D., Luntovskii, A.O. Statistical analysis of designs in a design-automation system for digital circuits 18683
Kiselev, N.A., Lebedev, O.I., Orlikovsky, A.A., Sedelnikov, A.E., Valiev, K.A., Vasiliev, A.G., Vasiliev, A.L. Investigation of thermal stability of multilayered Si/$TiSi_2$-Al and Si/$TiSi_2$(TiN)-W-Al systems 10973
Kiselev, S.V., Kritsyn, V.A. Engineering method of calculating complex waveguide-slot antenna arrays 12774
Kiselev, V.M. *see* Gryaznov, N.A. 43727
Kiseleva, E.I. *see* Zakhidov, R.A. 40068
Kiseleva, N.N. *see* Zhuravleva, O.V. 43902
Kiselyov, B., Kleymjonov, S., Kulakov, N. Optoelectronic implementation of the Hopfield model using PDA as optical signal accumulator 11733
Kiselyov, B., Kulakov, N., Mikaelian, A., Shkitin, V., Glebov, S. Pattern weighting method for optical associative memory 11570
Kiselyov, B.S. *see* Okonov, D.E. 11564
Kiseon Kim, Coles, M.W., Dryer, J.E., Lambert, J.D. A VME-based quench detection and logging system for superconducting magnets 20221
Kish, D.J., Heydt, G.T. A new approach to power distribution system transient analysis using Walsh functions 24928
Kish, W.S. *see* Sathaye, S.S. 45579
Kishi, A. *see* Urayama, M. 27409
Kishi, G. *see* Hayashi, S. 44766
Kishi, G. *see* Kishimoto, W. 44642
Kishi, H. *see* Nakajima, K. 14772
Kishi, H. *see* Shizuno, H. 10528
Kishi, K. *see* Hara, T. 16319
Kishi, K. *see* Itsumi, M. 2696
Kishi, K. *see* Omura, Y. 42956
Kishi, K. *see* Takizawa, K. 43552
Kishi, K. *see* Tsuboi, H. 12524
Kishi, M., Iwata, H. Analysis and verifications of the harmonic distortions in feed-forward syllabic companders 14506
Kishi, T. *see* Kurihara, M. 48059
Kishi, Y. *see* Shimakura, Y. 24863
Kishida, S. *see* Iwabuchi, Y. 27852
Kishida, S. *see* Yamaguchi, K. 3366
Kishida, Y. *see* Okumura, N. 23336
Kishie, H. *see* Ohnishi, O. 9940
Kishigami, J. *see* Ohkubo, T. 11495
Kishigami, T. *see* Takeda, M. 11738
Kishii, S. *see* Nakanishi, T. 1966
Kishikawa, S. *see* Ishida, Y. 14854
Kishima, A. *see* Matsuo, T. 26651
Kishimoto, A. *see* Kuwabata, S. 18314
Kishimoto, A. *see* Tamba, N. 34046
Kishimoto, D. *see* Xu-Qiang Shen 26443
Kishimoto, K. *see* Kobayashi, H. 46536
Kishimoto, K. *see* Sawai, T. 37989
Kishimoto, M., Sakasai, K., Ara, K. Estimation of current distribution from magnetic fields by combination method of genetic algorithm and neural-network 21160
Kishimoto, N. *see* Nagaoka, N. 16336
Kishimoto, R. *see* Irie, K. 23324
Kishimoto, T. Flexible-heat-pipe cooling for high-power devices 360
Kishimoto, T., Itoh, M. Crystal growth and optical parametric oscillation in RTP 28962
Kishimoto, T., Suzuki, G. Virtual offices 23350
Kishimoto, T. *see* Awaji, N. 15371
Kishimoto, T. *see* Kasahara, H. 37249
Kishimoto, T. *see* Kodaira, M. 7123
Kishimoto, W., Takeuchi, M. On *m*-route flows in a network 13925
Kishimoto, W., Takeuchi, M., Kishi, G. Two-route flows in an undirected flow network 44642
Kishimoto, Y. *see* Kawasaki, S. 44000
Kishimoto, Y. *see* Sakamoto, K. 20930
Kishimoto, Y. *see* Sakamoto, K. 43982
Kishimura, S. *see* Yamaguchi, A. 27972
Kishinevsky, M., Kondratyev, A., Taubin, A., Varshavsky, V. Analysis and identification of speed-independent circuits on an event model 33978
Kishinevsky, M.A., Kondratyev, A.Yu., Taubin, A.R. Specification and analysis of self-timed circuits 41603
Kishino, F. *see* Ishibuchi, K. 4959
Kishino, F. *see* Ishii, H. 4958
Kishino, F. *see* Kajiwara, S. 30546
Kishino, F. *see* Tetsutani, N. 31004
Kishino, K. *see* Kikuchi, A. 41313
Kishino, K. *see* Nomura, I. 43861
Kishino, K. *see* Saka, T. 23991
Kishino, S., Yoshida, H., Niu, H. Optimizing gettering conditions for VLSI chips using simple yield model 10792
Kishioka, K., Ochiai, H. Wavelength demultiplexer utilizing stratified waveguides with a tapered buffer layer 23023
Kishiro, J. *see* Takayama, K. 43696
Kishita, Y. *see* Okuyama, H. 33594
Kishk, A.A. *see* Gordon, R.K. 44306
Kishk, A.A. *see* Junker, G.P. 4292
Kishk, A.A. *see* Junker, G.P. 29335
Kishk, A.A. *see* Junker, G.P. 36371
Kishk, A.A. *see* Qiu Mei-De 29154
Kisilevsky, B.S. *see* Coleman, G.E. 24291
Kisilevsky, H. Multiplicative independence in function fields 501
Kisker, D.W. *see* Lamelas, F.J. 33634
Kisker, D.W. *see* Pezeshki, B. 22713
Kisker, D.W. *see* Fuoss, P. *(editor)* 9105
Kiskh, A.A. *see* Shu, S. 21335
Kisler, Y. *see* Bernacki, S. 35199
Kislitsyn, O.N. *see* Skachkov, V.V. 4770
Kislitsyn, O.N. *see* Skachkov, V.V. 16100
Kislov, N.A. Direct STEM fabrication and characterization of self-supporting carbon structures for nanoelectronics 11102
Kislov, V.I. *see* Apollonov, V.V. 35924
Kislovski, A.S. Design of a 6 kW AC-DC convertor for centralised telecommunication power supply systems 17032
Kislovski, A.S. Recommended procedures for practical small-signal analysis of switching power cells 26693
Kislovski, A.S. Power tracking methods in photovoltaic applications 33050
Kislovski, A.S. *see* Redl, R. 25524
Kispal, I. *see* Szolgay, P. 1703
Kiss, A. *see* Eross, G. 1364
Kiss, G.D. *see* Reith, L.A. 2957
Kiss, I. *see* Bareith, A. 25129
Kiss, S. *see* Lipcsei, S. 39869
Kiss, S. *see* Por, G. 39870
Kissa, K. Modeling annealed proton-exchanged directional couplers with nonlinear diffusion theory 21308
Kissa, K., Maltenfort, A. Analysis of optical attenuators on proton-exchanged and annealed $LiNbO_3$ waveguides 3159
Kissell, T.M. *see* Pamart, J.L. 38032
Kissinger, G., Morgenstern, G., Richter, H. The gettering efficiency of a direct bonded interface 19490
Kissinger, G. *see* Kuhne, H. 33653
Kissinger, G. *see* Kuhne, H. 41428
Kissinger, G. *see* Schley, P. 23725
Kissinger, W. *see* Osten, H.J. 41311
Kissler, G. The future of airport communications 47215
Kissler, R. *see* Grasser, A. 24488
Kistenev, E., White, S., Pischalnikov, Y., Vrotopopov, Y., Rykalin, V. Timing resolution of 'Shish-Kebab' lead scintillator sandwich calorimeters 31694
Kistenev, E.P. *see* Babintsev, V.V. 7210
Kistenev, E.P. *see* Batalov, A.A. 46920
Kistenmacher, T.J., Ecelberger, S.A., Bryden, W.A. Growth dependence of thickness, morphology and electrical transport of InN overlayers on AlN-nucleated (00.1) sapphire 758
Kistenmacher, T.J., Ecelberger, S.A., Bryden, W.A. Structural and electrical properties of reactively sputtered InN thin films on AlN-buffered (00.1) sapphire substrates: dependence on buffer and film growth temperatures and thicknesses 1842
Kistenmacher, T.J., Ecelberger, S.A., Bryden, W.A. Seeded heteroepitaxy and the overgrowth of InN films: nucleation with lattice mismatched AlN 33662
Kistenmacher, T.J. *see* Bryden, W.A. 9740
Kistenmacher, T.J. *see* Wickenden, A.E. 33661
Kister, J., Franch, R.L. Advances in membrane probe technology 10038
Kistler, N. *see* Ver Ploeg, E. 19865
Kistler, N.A. *see* Hsiao, T.C. 42972
Kistler, R.C. *see* Boone, T. 34708
Kistner, J.C. Integrating CD-ROM into networked information services 14234
Kistner, J.M. *see* Veron, H. 23808
Kisu, T. *see* Kitsukawa, G. 26921
Kisu, T. *see* Kitsukawa, G. 26953
Kit Po Wong, Buon Sing Lau Fault distance estimation in transient stability assessment: an artificial neural network approach 24805
Kit Po Wong, Yin Wa Wong A parallel simulated annealing algorithm for short-term hydro scheduling 16185
Kit Po Wong, Yin Wa Wong, Yunbei Yu A simulated annealing approach to short-term hydro scheduling 16184
Kit-Man Chan, Tak-Shing Peter Yum The maximum mean time to blocking routing in circuit-switched networks 45374
Kita, A. *see* Ohtomo, A. 42914
Kita, H. *see* Gao, Y. 6847
Kita, H. *see* Gibson, G. 8139
Kita, H. *see* Gibson, G. 25216
Kita, H. *see* Kameoka, N. 39547
Kita, Y. A study on synthetic analysis of several types of stomach X-ray images based on flexible shape model 24202
Kita, Y. *see* Harata, Y. 33136
Kita, Y. *see* Kaneko, T. 9748
Kitabatake, M., Deguchi, M., Hirao, T. Simulations and experiments of SiC heteroepitaxial growth on Si(001) surface 661
Kitabayashi, H. *see* Ajioka, T. 34621
Kitabayashi, H. *see* Muto, H. 42925
Kitada, M., Nakatani, R. Magnetoresistive response of giant-magnetoresistive NiFe/Cu multilayer elements 2795
Kitada, O. *see* Tsujihashi, Y. 41853
Kitade, S., Fukuda, T., Osaka, K. Influence of embedded optical fibers on interlaminar shear strength of composite laminates 46475
Kitaev, M.Yu. The M/G/1 processor-sharing model: transient behavior 9383
Kitaeva, G.Kh. *see* Klyshko, D.N. 29010
Kitagawa, A. *see* Kanazawa, M. 6908
Kitagawa, G. *see* Xing-Qi Jiang 21734
Kitagawa, H. Text-to-speech system 44783
Kitagawa, H. *see* Ren, F.Y.G. 11868
Kitagawa, H. *see* Ren, F.Y.G. 20584
Kitagawa, K. *see* Morishita, N. 48339
Kitagawa, M. Irradiation effects on semiconductor devices by ionization radiation 42823
Kitagawa, M. *see* Fujino, T. 2681
Kitagawa, M. *see* Kanno, I. 43177
Kitagawa, M. *see* Nagata, T. 16167

Kitagawa, M. *see* Nara, K. 24913
Kitagawa, S. *see* Takeuchi, T. 16011
Kitagawa, T., Hattori, K., Shuto, K., Oguma, M., Temmyo, J., Suzuki, S., Horiguchi, M. Erbium-doped silica-based planar amplifier module pumped by laser diodes 35477
Kitagawa, T. *see* Maeda, H. 21856
Kitagawa, T. *see* Shuto, K. 28499
Kitagawa, Y. *see* Nakajima, K. 7013
Kitaguchi, H., Izumi, S., Kobayashi, K., Kaihara, A., Nakamura, T. Energy response of neutron area monitor with silicon semiconductor detector 38867
Kitahara, K. *see* Vezin, V. 33630
Kitahara, S. *see* Matsui, T. 46258
Kitahara, T. Micromachine technology 25481
Kitahara, T. *see* Ichikawa, F. 16160
Kitahara, T. *see* Tokiwa, Y. 7827
Kitahara, Y. Digital cellular network technologies 5803
Kitahara, Y. Personal mobile communications in microwave band 30641
Kitahara, Y. *see* Ejiri, K. 35232
Kitahashi, T. *see* Dan, S. 22033
Kitahashi, T. *see* Hayashi, Y. 45115
Kitahata, H., Takemura, H., Suzaki, T., Soda, M., Morikawa, T., Tezuka, H., Ogawa, C., Fujita, S., Tashiro, T. A 15.5 GHz bandwidth Si bipolar preamplifier 10508
Kitahata, T., Tamoto, K. Advances widen uses for chip monolithic ceramic capacitors 1662
Kitai, A. *see* Carkner, D. 19282
Kitai, A. *see* Kitayoshi, H. 3905
Kitaizumi, T., Murakami, H., Hoshimiya, N., Handa, Y. Presentation method of sensory information by using the tripolar electrocutaneous stimulation 31925
Kitaji, S. *see* Tanaka, M. 6239
Kitajima, H., Miyauti, M., Kojima, M., Hisatune, M., Mizuno, H. Optical measurement method for cutting edge centre position 15203
Kitajima, H., Miyauti, M., Kojima, M., Hisatune, M., Mizuno, H. Fine-wire-cylindrical-mirror type highly-sensitive one-dimensional displacement sensor 38466
Kitajima, H. *see* Ebitani, K. 37009
Kitajima, H. *see* Kojima, M. 14986
Kitajima, H. *see* Kojima, M. 31473
Kitajima, H. *see* Shirakawa, T. 46076
Kitajima, M. *see* Kuroki, H. 10948
Kitajima, M. *see* Kuroki, H. 19567
Kitajima, S., Kikuchi, N., Kuboki, K., Tsushima, H., Sasaki, S. Dispersion compensation with optical ring resonator in coherent optical transmission systems 38007
Kitakami, O. *see* Sakurai, T. 35237
Kitami, T. *see* Mori, H. 27497
Kitami, Y. *see* Bando, Y. 10636
Kitamori, S., Ohdaira, M. Recognition of voiceless stop consonants using a neural network 29525
Kitamura, A. *see* Fujishima, N. 42921
Kitamura, K., Nakamura, K. New transmitters added to FCX series 15238
Kitamura, K. *see* Futagi, T. 3355
Kitamura, K. *see* Mimura, H. 20559
Kitamura, M., Yamazaki, H., Yamada, H., Takano, S., Kosuge, K., Sugiyama, Y., Yamaguchi, M., Mito, I. High performance and highly reliable λ/4 shifted MQW-DFB-DC-PBH-LDs for Gb/s coherent optical communication systems 12159
Kitamura, M. *see* Hamamoto, K. 3168
Kitamura, M. *see* Kitamura, S. 43933
Kitamura, M. *see* Kuroda, N. 18142
Kitamura, M. *see* Sasaki, T. 706
Kitamura, M. *see* Sasaki, T. 3402
Kitamura, M. *see* Washio, T. 47648
Kitamura, N. *see* Nanjo, J. 19477
Kitamura, N. *see* Sugimura, H. 27725
Kitamura, O. *see* Terakado, S. 2131
Kitamura, O. *see* Terakado, S. 42703
Kitamura, S., Komatsu, K., Kitamura, M. Polarization-insensitive semiconductor optical amplifier array grown by selective MOVPE 43933
Kitamura, S. *see* Matsumoto, T. 24865
Kitamura, T., Hayahara, E., Ohta, E., Xie, Y. One method for improving cepstral-synthesized speech 29523
Kitamura, T., Hui, W., Iwata, A., Suzumura, N. Data reduction of speaker-dependent word recognition system for multi-speaker using CombNET-II 13131
Kitamura, T., Nakamura, S., Hira, M., Kurazono, S. Analysis of microstrip crossovers using the nonorthogonal finite-difference time-domain method 19140
Kitamura, T., Ohtani, R., Yamanaka, T. A numerical simulation on stress-induced failure in aluminum conductors of a microelectronic package based on surface and grain boundary diffusion 291
Kitamura, T. *see* Grajew, G. 37613
Kitamura, T. *see* Irie, M. 3943
Kitamura, T. *see* Irie, M. 3944
Kitamura, Y., Ariyoshi, M. Development and commercialization of electric vehicles in Daihatsu 48323
Kitamura, Y., Ishii, Y., Takatsu, N., Onishi, H. Recent technologies in wide-aspect and high-definition televisions 6216
Kitamura, Y. *see* Kajiwara, S. 30546
Kitamura, Y. *see* Sasaki, M. 1249
Kitani, I., Takahashi, T., Fukui, T., Arii, K. Electrical breakdown in polyphenylene sulfide films in very wide time and temperature ranges 11377
Kitani, M. *see* Kanaoka, M. 25965
Kitano, M. *see* Busso, E.P. 26519
Kitano, M. *see* Busso, E.P. 40947
Kitano, M. *see* Ogura, H. 12552
Kitano, N. *see* Ishida, M. 8651
Kitano, T. *see* Mikoshiba, H. 11272
Kitano, Y., Miyakawa, T. Textured image segmentation using probabilistic relaxation and LOG filters 22149
Kitano, Y. *see* Morita, H. 15908
Kitao, H. *see* Yamauchi, K. 44415
Kitao, M. *see* Yamada, S. 11676
Kitao, Y., Yoshizaki, S. Low-power ASIC series using 0.5 μm CMOS process 33960
Kitaoka, T. *see* Yamazaki, M. 48320
Kitaori, S., Noda, C., Furusawa, T. Channel coding scheme for 3/4 inch HDTV digital VCR 38300
Kitaori, S., Noda, C., Furusawa, T. Channel coding scheme for ¾ in HDTV digital VCR 46218
Kitatsuji, Y. *see* Iwakuro, H. 19433
Kitaura, Y. *see* Nagaoka, M. 42194
Kitaura, Y. *see* Shimizu, S. 26907
Kitawaki, N. Overview of quality assessment for multimedia communications 14014
Kitawaki, N. *see* Iai, S. 14798
Kitawaki, N. *see* Kurita, T. 14079
Kitawaki, N. *see* Moriya, T. 37633
Kitawaki, N. *see* Ogawa, M. 13019
Kitawaki, N. *see* South, C.R. 4461
Kitawaki, N. *see* Tachi, T. 23313
Kitayama, J. *see* Tahara, H. 44561
Kitayama, K. *see* Fukui, M. 11729
Kitayama, K. *see* Fukui, M. 11742
Kitayama, K. *see* Hashimoto, M. 11704
Kitayama, K. *see* Ito, F. 31241
Kitayama, Y. *see* Higashi, K. 27387
Kitayama, Y. *see* Ishikawa, H. 6014
Kitayama, Y. *see* Katsurashima, W. 5995
Kitayeva, T.I. *see* Aristarkhova, A.A. 9212
Kitayoshi, H., Rossiter, B., Kitai, A., Ashida, H., Hirose, M. Holographic imaging of microwave propagation 3905
Kitazaki, K.S. *see* Lou, L.F. 23579
Kitazawa, H., Tezuka, M., Takakuwa, H., Shimizu, K., Sagano, O., Nozawa, O., Karashima, S. Atomic and nuclear data for development of soft X-ray and gamma-ray lasers 11916
Kitazawa, K. High temperature superconducting materials 20180
Kitazawa, M., Shimada, K., Saito, N., Takahashi, S., Yagi, K. Mechanical and optical performance of a new PMMA based plastic fiber 3046
Kitazawa, S. *see* Noguchi, Y. 27161
Kitazawa, T. Analysis of electromagnetic wave scattering by thick strip grating 4059
Kitazawa, T., Polifko, D., Ogawa, H. Analysis of $LiNbO_3$ optical modulator using coplanar-type electrodes 3176
Kitazono, M. *see* Yamanaka, K. 23775
Kitchens, K. *see* Minten, K. 42295
Kitchin, M. *see* Pathak, V. 18832
Kitchin, R.H. *see* Etminan, S. 25934
Kitching, J., Shevy, Y., Iannelli, J., Yariv, A. Measurements of 1/f frequency noise reduction in semiconductor lasers using optical feedback with dispersive loss 43841
Kite, Y. *see* Yokomizu, Y. 11553
Kito, N. *see* Ishihara, T. 41245
Kito, S. *see* Kaneko, S. 38096
Kito, Y., Yokomizu, Y. Physical approach to high current arcs and recent trends of arc-interruption and application technologies 25592
Kito, Y. *see* Bong-Hwan Oh 7968
Kito, Y. *see* Furaya, A. 43840
Kito, Y. *see* Furuya, A. 12176
Kito, Y. *see* Ichiyanagi, K. 16709
Kito, Y. *see* Minowa, M. 23154
Kito, Y. *see* Takikawa, H. 8675
Kito, Y. *see* Yokomizu, Y. 16464
Kitoh, A. *see* Nakamura, S. 21679
Kitoh, A. *see* Yamashita, Y. 21690
Kitoh, M. *see* Fukumoto, M. 33009
Kitoh, R. *see* Fukuda, K. 11446
Kitoh, R. *see* Takasugi, A. 19010
Kitoh, S. *see* Masuda, S. 4007
Kitoh, T., Kawano, K. Analysis of Ti-diffused $LiNbO_3$ optical waveguides by a modified step segment method 3087
Kitoh, T. *see* Kawanishi, S. 5978
Kitoh, T. *see* Kawanishi, S. 22991
Kitoh, T. *see* Kawanishi, S. 30846
Kitoh, T. *see* Kawanishi, S. 38126
Kitoh, T. *see* Uchiyama, K. 5981
Kitson, B. *see* Everitt, H.J. 30317
Kitsukawa, G., Horiguchi, M., Kawaijiri, Y., Kawahara, T., Aikiba, T., Kawase, Y., Tachibana, T., Sakai, T., Aoki, M., Shukuri, S., Sagara, K., Nagai, R., Hasegawa, N., Yokoyama, N., Kisu, T., Yamashita, H., Kure, T., Nishida, T. 256 Mb DRAM technologies for file applications 26953
Kitsukawa, G., Horiguchi, M., Kawajiri, Y., Kawahara, T., Akiba, T., Kawase, Y., Tachibana, T., Sakai, T., Aoki, M., Shukuri, S., Sagara, K., Nagai, R., Ohji, Y., Hasegawa, N., Yokoyama, N., Kisu, T., Yamashita, H., Kure, T., Nishida, T. 256-Mb DRAM circuit technologies for file applications 26921
Kitsukawa, G. *see* Kawahara, T. 26925
Kitsuta, K. *see* Saotome, H. 15872
Kitta, M. *see* Kimura, H. 34114
Kittan, J. *see* Link, A. 31825
Kittel, A. *see* Hirsch, M. 34501
Kittel, A. *see* Richter, R. 42396
Kittel, W.A., Epstein, C.M., Hayes, M.H. EEG monitoring based on fuzzy classification 15873
Kittelmann, O. *see* Ringling, J. 12387
Kitter, J. *see* Palmer, P.L. 13617
Kittl, J.A. *see* Brunco, D.P. 6839
Kittler, J. *see* Eryurtlu, F. 13790
Kittler, J. *see* Pudil, P. 5096
Kittler, J. *see* Song, K.Y. 13733
Kittler, J. *see* Wong, K.C. 13727
Kitzenmaier, P., Boenick, U. Possibilities for detection and suppression of artifacts in EMG-signals 15846
Kitzerow, H.-G., Holter, G. Evaluation of the status of fluidized bed combustion in the thermal utilization of waste 32656
Kitzerow, H.-S. Polymer-dispersed liquid crystals. From the nematic curvilinear aligned phase to ferroelectric films 20409
Kitzerow, H.-S. *see* Molsen, H. 28525
Kiuchi, H., Sugimoto, Y., Kameyama, K. Differential GPS receiver 46117
Kiuchi, H. *see* Imae, M. 46118
Kiuchi, H. *see* Kaneko, A. 46119
Kiuchi, H. *see* Takahashi, Y. 30943
Kiuchi, H. *see* Takahashi, Y. 46121
Kiuchi, K. *see* Nagata, H. 3083
Kiunke, W. *see* Schulze, D. 34885
Kivshar, Y.S., Haelterman, M., Emplit, P., Hamaide, J.-P. Dark soliton jitter in fiber transmission systems 38048
Kivshar, Y.S., Quiroga-Teixeiro, M.L. Light-beam propagation at planar thin-film nonlinear waveguides 28478
Kivshar, Y.S., Quiroga-Teixeiro, M.L. Radiation effects in the light-beam scattering at nonlinear planar waveguides 36317
Kivshar, Y.S., Turitsyn, S.K., Spatschek, K.H., Quiroga-Teixeiro, M.L. Dynamics of average soliton in optical fibers with periodic amplification 36000
Kivshar, Y.S., Xiaoping Yang Dark solitons on backgrounds of finite extent 44091
Kivshar, Y.S., Yang, X. Perturbation-induced dynamics of dark solitons 35998
Kiya, H., Nishikawa, K., Iwahashi, M. A development of symmetric extension method for subband image coding 37026
Kiya, H. *see* Kinjo, S. 10317
Kiya, H. *see* Ochi, H. 13348
Kiyama, M. *see* Kaminaka, K. 2684
Kiyama, S. *see* Kuriyama, H. 27467
Kiyama, S.B. *see* Nishiwaki, H. 17385
Kiyan, R.V. *see* Petrov, M.P. 12060
Kiyan, R.V. *see* Petrov, M.P. 12063
Kiyatkin, D.V. *see* Ermolov, I.N. 41520
Kiymik, M.K. *see* Jones, O.C. 31509
Kiyokawa, M. *see* Matsui, T. 34227
Kiyono, S. *see* Okuyama, E. 23904
Kiyota, H., Okushi, H., Okano, K., Akiba, Y., Kurosu, T., Iida, M. Junction properties of polycrystalline diamond/hydrogenated amorphous silicon p-n heterojunctions 1875
Kiyota, H. *see* Iwasaki, T. 42555
Kiyota, H. *see* Kawajiri, K. 23583
Kiyota, H. *see* Okano, K. 42651
Kiyota, Y., Matsushima, M., Kaneko, Y., Kanetomo, M., Tamaki, Y., Muraki, K., Inada, T. Ultrashallow p-type layer formation by rapid vapor-phase doping using a lamp annealing apparatus 34669
Kizakevich, P.N., McCartney, M.L., Jochem, W.J., Raymer, J.H., Pellizzari, E.D. Estimating minute ventilation from activity-related cardiac measurements 15690
Kizaki, M., Tobita, T., Koya, T., Kikuchi, T. Present status of mechanical testing technology at the Research Hot Laboratory 41517
Kizaki, Y. *see* Mori, M. 42341
Kizawa, Y. *see* Nose, M. 32724
Kizhner, S. On capaciflector sensor imaging and ranging applications for robot control 38556
Kizhner Semion *see* Semion Kizhner
Kiziloglu, K. *see* Hashemi, M.M. 19891
Kiziloglu, K. *see* Shealy, J.B. 28191
Kiziloglu, K. *see* Shealy, J.B. 43012
Kizilyalli, I.C. *see* Roy, P.K. 11232
Kizuka, N. *see* Harada, N. 25827
Kizuki, H., Hayafuji, N., Fujii, N., Kaneno, N., Mihashi, Y., Murotani, T. Selective metalorganic chemical vapor deposition growth of GaAs on AlGaAs combined with in situ HCl gas etching 18153
Kizuki, H. *see* Mihashi, Y. 20849
Kjaer, J. *see* Lundsgaard, J.S. 17298
Kjaer, N. *see* Adam, W. 46929
Kjaer, S. The future 400 MW units of ELSAM at Aalborg and Skaerbaek 32627

Kjartanson, B.H. *see* Wan, A.W.L. 16016
Kjebon, O., Lourdudoss, S., Wallin, J., Westergren, U., Lindgren, S. Extremely low parasitic 1.55 μm lasers for direct amplitude high frequency modulation up to 20 GHz 37991
Kjebon, O. *see* Lourdudoss, S. 28862
Kjebon, O. *see* Oberg, M. 43929
Kjell, B. Determining composition of grain mixtures using texture energy operators 30032
Kjellberg, T., Hagberg, M., Eriksson, N., Larsson, A.G. Low-threshold grating-coupled surface-emitting lasers with etch-stop layer for precise grating positioning 28871
Kjellberg, T., Hagberg, M., Eriksson, N., Larsson, A.G. Dependence of threshold current and linearity on Bragg wavelength for grating-surface-emitting lasers 43925
Kjellberg, T., Nilsson, S., Klinga, T., Broberg, B., Schatz, R. Investigation on the spectral characteristics of DFB lasers with different grating configurations made by electron-beam lithography 20848
Kjellberg, T. *see* Eriksson, N. 28882
Kjellberg, T. *see* Hagberg, M. 12135
Kjellberg, T. *see* Hagberg, M. 43838
Kjellberg, T. *see* Nilsson, S. 28864
Kjellnas, S. *see* Krokoszinski, H.-J. 1038
Kjensmo, A. *see* Ohlckers, P. 11278
Kjersdam, F. Evaluation of project-organized engineering education 17762
Kkoshcheev, L.A. On the functional properties of long power system 24661
Klaasen, J.J.A. An efficient method for the performance analysis of bounded-wave nuclear EMP simulators 12628
Klaasen, J.J.A., Pont, W. Outline of a nuclear EMP simulator for ships (EMPSIS) 44387
Klaasen, W.A. *see* Stapper, C.H. 41903
Klaassen, B. *see* Paap, K.L. 982
Klaassen, D.B.M. *see* Streutker, G. 11172
Klaassen, F.M. *see* Smedes, T. 28125
Klaassen, N. Self-tuning state control for a poorly damped mechanical system 17460
Klaassen, T.O. *see* Burghoorn, J. 20654
Klaassens, J.B. *see* Antic, D. 8567
Klaassens, J.B. *see* Bauer, P. 8663
Klaassens, J.B. *see* Bauer, P. 16954
Klaassens, J.B. *see* Bauer, P. 17072
Klaassens, J.B. *see* Hofmeester, N.H.M. 8586
Klaassens, J.B. *see* van Wesenbeeck, M.P.N. 17061
Klabunde, J. *see* Amendola, G. 15300
Klabunde, J. *see* Angert, N. 6905
Klabunde, J. *see* Friedrich, J. 15302
Klabunde, J. *see* Jennewein, E. 23963
Kladas, A.G., Tegopoulos, J.A. Eddy currents modeling by using analytic elements 44249
Klaes, N.R. On-line tuning of the rotor resistance in an inverter-fed induction machine with direct-self-control 40170
Klaes, N.R. Parameter identification of an induction machine with regard to dependencies on saturation 48182
Klages, C.-P. *see* Jiang, X. 9611
Klages, C.-P. *see* Weber, A. 41476
Klages, C.-P. *see* Weber, A. 42754
Klages, H.O. *see* Doll, P. 46965
Klaisner, L. *see* Saez, P. 23989
Klaisner, L. *see* Schultz, D. 38807
Klaisner, L. *see* Schultz, D.C. 7140
Klamka, J. *see* Wolkenberg, A. 42213
Klamp, L. *see* Colestock, P.L. 15360
Klamra, W. *see* Moszynski, M. 15632
Klanderman, G.A. *see* Huttenlocher, D.P. 4788
Klanner, R. *see* Barber, D.P. 31578
Klappe, J.G.E., Barsony, I., Ryan, T.W. Ion implantation defect characterization by high-resolution X-ray diffraction 2085
Klappe, J.G.E., Fewster, P.F. Fitting of rocking curves from ion-implanted semiconductors 27644
Klappenberger, A.J. Computer design of equal shunt value tubular bandpass filters 42028
Klapper, A. The vulnerability of geometric sequences based on fields of odd characteristic 12958
Klapper, A., Goresky, M. Revealing information with partial period correlations 12981
Klapper, D.B., Othman, H.A., Akimoto, Y., Tanaka, H., Yoshizawa, J. Application of neural networks to direct stability analysis of power systems 16152
Klapper, D.B. *see* Sanchez-Gasca, J.J. 7721
Klapwijk, T.M. *see* Dierichs, M.M.Th.M. 35264
Klapwijk, T.M. *see* Hilbrandie, G.R. 35265
Klapwijk, T.M. *see* Honingh, C.E. 2885
Klar, H. *see* Prange, S.J. 34198
Klar, W. *see* Decker, R. 9231
Klara, J.M. HIPPS: beyond state-of-the-art. I 40013
Klara, J.M. HIPPS can compete with conventional PC systems. II 40014
Klas, G. Protocol optimization for a packet-switched bus in case of burst traffic by means of GSPN 22351
Klassner, F., Lesser, V., Nawab, H. Fusing multiple reprocessings of signal data 29717
Klassner, F. *see* Lesser, V. 44904
Klatskin, J. *see* Katz, A. 1593
Klatt, J., Kruger, D., Bugiel, E., Osten, H.J. Boron-controlled solid phase epitaxy of germanium on silicon: a new nonsegregating surfactant 18208
Klatt, R. *see* Balewski, K. 46775
Klauminzer, G. *see* Abele, C.C. 3743
Klaus, D.P. *see* Kwietniak, K.T. 2310
Klaus, D.P. *see* Rosenfield, M.G. 27934
Klaus, E.J. *see* Friedmann, T.A. 9681
Klaus, W. *see* Neubert, W.M. 3473
Klausbruckner, M.J., Pryputniewicz, R.J. Holographic and computational study of coupled vibrations of channel beams 3908
Klausing, H. *see* Kreitmair-Steck, W. 30913
Klausmeier-Brown, M.E. *see* Schultz, J.C. 1887
Klausnitzer, S. *see* Wenkel, J. 17549
Klavzar, S. *see* Batagelj, V. 33494
Klazura, G.E., Imy, D.A. A description of the initial set of analysis products available from the NEXRAD WSR-88D system 24478
Kleam, J., Anderson, J. Station living program, RCM, and the maintenance rule 32567
Kleckner, R.J., Domoto, G. Dynamics of a wire in positive corona discharge 11344
Kleczkowski, P. Oversampling analog to digital conversion in acoustic measurements 21708
Klee, H., Dumas, J. Theory, simulation, experimentation: an integrated approach to teaching digital control systems 40248
Klee, M., Waser, R. Undoped and doped perovskite films: sol-gel processing and characterization 9694
Kleef, J.van *see* van Kleef, J.
Kleeman, L. A three dimensional localiser for autonomous robot vehicles 30931
Kleeman, L. *see* Chung, E.C.Y. 18627
Kleemann, W. *see* Kim, W.S. 23920
Kleeven, W.J.G.M., Moerdijk, A.J., Botman, J.I.M., Delhez, J.L., Hugedoorn, H.I., van der Heide, J.A., Knoben, M.H.M., Theeuwen, M.F.H.J., Timmermans, C.J., Webers, G.A. Beam loading and beam breakup in a 1.3 GHz microtron accelerating cavity 7057
Kleeven, W.J.G.M. *see* Webers, G.A. 15537
Klefenz, F., Conen, W., Zoz, R., Manner, R. A systolic Hough transform processor as a second level trigger for drift chambers 38892
Klefenz, F., Noffz, K.-H., Conen, W., Zoz, R., Kugel, A., Manner, R. Track recognition in 4 μs by a systolic trigger processor using a parallel Hough transform 15666
Kleffner, C.-M., Grieser, M., Habs, D., von Hahn, R., Liebmann, J., Repnow, R., Stampfer, M., Deitinghoff, H., Schempp, A., Jaeschke, E., Papureanu, S. The RFQ-accelerator for the high current injector of the TSR 15524
Kleffner, C.-M. *see* Grieser, M. 15303
Kleffner, C.-M. *see* von Hahn, R. 15518
Kleffner, C.M. *see* Grieser, M. 6900
Klehmet, U. *see* Ettl, M. 30472
Klehr, A., Muller, R., Voss, M., Barwolff, A. Gigahertz switching behavior of polarization-bistable InGaAsP/InP lasers under high-frequency current modulation 35768
Kleider, J.P., Longeaud, C., Mencaraglia, D., Rolland, A., Vitrou, P., Richard, J. Density of states in thin film transistors from the modulated photocurrent technique: application to the study of metastabilities 34993
Kleider, J.P. *see* Longeaud, C. 3317
Kleider, J.P. *see* Rolland, A. 19830
Kleider, J.P. *see* Rolland, A. 28181
Kleier, S. *see* Guntermann, M. 37751
Kleihorst, E. Solution methods for steady state (DC) of nonlinear electronic circuits 41618
Kleihorst, R.P., de Haan, G., Lagendijk, R.L., Biemond, J. Motion compensated noise filtering of image sequences 22198
Kleijn, C.R. *see* Leunink, G.J. 828
Kleijn, W.B. Encoding speech using prototype waveforms 44757
Kleijn, W.B., Ramachandran, R.P., Kroon, P. Interpolation of the pitch-predictor parameters in analysis-by-synthesis speech coders 36609
Kleima, D. Is there a foundation for probability-theory? 12802
Kleiman, V. *see* Liu, S.-H. 967
Klein, A., Baier, P.W. Linear unbiased data estimation in mobile radio systems applying CDMA 5768
Klein, A., Baier, P.W. On the capacity of discrete-time synchronous Gaussian CDMA and TDMA channels 30646
Klein, A., Baier, P.W. Simultaneous cancellation of cross interference and ISI in CDMA mobile radio communications 37774
Klein, A. *see* Baier, P.W. 5719
Klein, A. *see* Blanz, J. 45837
Klein, A. *see* Demmel, F. 31373
Klein, B. Use LFSRs to build fast FPGA-based counters 41769
Klein, B. *see* Yahalom, R. 45631
Klein, E. *see* Cavedon, J.M. 15354
Klein, E.E., Purdy, J.A. Entrance and exit dose regions for a Clinac-2100C 31999
Klein, E.E. *see* Slessinger, E.D. 31998
Klein, F. *see* Dang Van Mien, H. 25251
Klein, F.J.de *see* de Klein, F.J.
Klein, G.E., Loudiana, M.A. Closely spaced object resolution enhancement and measurement techniques for AST 29838
Klein, G.O. Smart cards—a security tool for health information systems 36527
Klein, H. Checking of components having free form geometry 439
Klein, H. *see* Amendola, G. 15300
Klein, H. *see* Angert, N. 6905
Klein, H. *see* Balewski, K. 46775
Klein, H. *see* Baur, R. 46911
Klein, H. *see* Chen Chia-Erh 15520
Klein, H. *see* Friedrich, J. 15302
Klein, H. *see* Gross, P. 31566
Klein, H. *see* Gruneberg, K. 30985
Klein, H. *see* Hulsmann, P. 15517
Klein, H. *see* Kurz, M. 7073
Klein, H. *see* Sarstedt, M. 15329
Klein, H. *see* Stammnitz, P. 38286
Klein, H. *see* Weis, T. 23981
Klein, H.-U. *see* Lehr, H. 15324
Klein, H.A. *see* Barwood, G.P. 6297
Klein, H.W. A structured approach to mixed-signal simulation 9894
Klein, J. *see* Gelatos, C.M. 2111
Klein, J. *see* Jawarani, D. 19648
Klein, J.D. *see* Durden, S.L. 21252
Klein, J.L. *see* White, T.R. 19664
Klein, K.-F. *see* Bernhardt, A. 28443
Klein, K.-H. *see* Engelhardt, D. 17940
Klein, K.-H. *see* Engelhardt, D. 17954
Klein, K.F. *see* Paar, U. 3048
Klein, K.M. *see* Loechelt, G.H. 19515
Klein, L. *see* Freund, H. 16270
Klein, L. *see* Freund, H. 24870
Klein, L.A., Kassis, S.Y. Processing requirements for multisensor low-cost brilliant munitions 24577
Klein, M. *see* Gardos, M. 32482
Klein, M. *see* Goyal, R. 17892
Klein, M. *see* Henschel, H. 15623
Klein, M. *see* Kukhtarev, N. 21111
Klein, M. *see* Reisner, D.E. 40623
Klein, M. *see* Schuster, H. 47702
Klein, M.B. *see* Dunning, G.J. 44050
Klein, M.B. *see* Kukhtarev, N. 21101
Klein, M.J., Urbansky, R. Network synchronization—a challenge for SDH/SONET? 5893
Klein, M.V. *see* Gao, F. 2881
Klein, O., Donovan, S., Dressel, M., Gruner, G. Microwave cavity perturbation technique. I. Principles 19004
Klein, O. *see* Donovan, S. 19005
Klein, O. *see* Dressel, M. 19006
Klein, P. *see* Nimberger, A. 17188
Klein, P.B. *see* Freitas, J.A., Jr. 3320
Klein, P.B. *see* Tseng, W.F. 713
Klein, P.B. *see* Pomrenke, G.S. *(editor)* 9104
Klein, R., Klopp, G.T. The human factors impact of an expert system based reliability centered maintenance program 39751
Klein, R. *see* Bonicelli, T. 8580
Klein, R. *see* Janssen, H. 46836
Klein, R. *see* Neyer, A. 35426
Klein, R.B. *see* Saks, N.S. 34978
Klein, R.B. *see* Van den bosch, G. 34964
Klein, R.L., She, J., Felinchi, A. Critical mode identification and its application to load frequency control in power systems 24802
Klein, S. *see* Pisin Chen 7119
Klein, S. *see* Schmitzer, H. 43602
Klein, S.A. *see* Amnon Silverstein, D. 22083
Klein, S.S. *see* Rijken, H.A. 7185
Klein, S.T. *see* Bookstein, A. 4385
Klein, T. *see* Bersiner, L. 37669
Klein, U. *see* Anton, F. 15327
Klein, U. *see* Kichlmann, D. 15507
Klein, U. *see* Yoshida, H. 6752
Klein, W. *see* Rohr, T. 9632
klein Gebbinck, M. *see* Schouten, Th.E. 15838
Klein Koerkamp, M.M. *see* Horsthuis, W.H.G. 43506
Klein Wassink, R.J., Seegers, M.C., Verguld, M.M.F. Use of nitrogen in reflow soldering 34397
Kleindienst Muntwyler, S. *see* Muntwyler, U. 48294
Kleine-Altekamp, H. *see* Van Bogaert, J. 22418
Kleinefeld, T., Kim, W.S., Valentin, J., Weller, D. Magnetization reversal in CoPt magnetooptic recording alloys 28359
Kleiner, M., Dalenback, B.-I., Svensson, P. Auralization—an overview 14844
Kleiner, M. *see* Dalenback, B.-I. 14840
Kleinfelder, S. *see* Tkaczyk, S. 46989
Kleinfelder, S.A. *see* Milgrome, O.B. 18821
Kleinfeldt, D. Preparation of transformers with old oil, for overload operation 16926
Kleinfeller, J. *see* Dodd, A.C. 7229
Kleinfinder, S. *see* Amidei, D. 46890
Kleinhempel, W., Stammler, W., Bergmann, D. Radar signal processing for vehicle speed measurements 23206
Kleinhempel, W. *see* Elterich, A. 18542
Kleinhesselink, K.F., Menheere, W.M.M., Noordhuis, B. Modular design of a new HV switchgear system with solid insulation and vacuum interruption 25573
Kleinkauf, W. *see* Cramer, G. 32813

Kleinman, R.E., Roach, G.F. Obstacle reconstruction from backscattering data 4089
Kleinman, R.E., van den Berg, P.M. An extended range-modified gradient technique for profile inversion 4069
Kleinman, R.E., Van Den Berg, P.M. An extended range modified gradient technique for profile inversion 4087
Kleinman, R.E. *see* Asvestas, J.S. 44323
Kleinman, R.E. *see* Lindell, I.V. 44225
Kleinman, R.I. *see* Berry, W.B. 48376
Kleinod, M. *see* Jennewein, E. 23963
Kleinpenning, T. On the analysis of low-frequency noise in bipolar transistors 19759
Kleinpenning, T., Herve, P., Vermeulen, B. Coherence of 1/f voltage fluctuations at gate and drain in MODFET's 19886
Kleinpenning, T., Holden, A. 1/f noise in npn GaAs/AlGaAs HBT's 19761
Kleinpenning, T.G.M. *see* Markus, H.A.W. 19885
Kleinrock, L. On the modeling and analysis of computer networks 5446
Kleinrock, L. *see* Felderman, R.E. 5213
Kleinschmidt, P., Mitterreiter, I., Rank, C. A hybrid method for automatic chromosome karyotyping 22259
Kleinschnittger, F., Stockmann, A. Optimizing the scope of checking incoming goods. A CAQ application report 9329
Kleiss, J.A. Tradeoffs among types of scene detail for simulating low-altitude flight 24395
Kleissen, G.J. VHDL, an electronics jargon 18413
Kleitz, A. *see* Lebrun, D. 46623
Klelvenhagen, S.C. *see* Havercroft, J.M. 38884
Klem, J.F. *see* Wolford, D.J. 34583
Klemberg-Sapieha, J.E. *see* Guenther, P. 35123
Klement, S., Kratky, K.W., Nittmann, J. Practical time-series analysis with multifractal methods 40910
Klement, S., Nittman, J., Kratky, K.W., Acito, W.P. Multifractal analysis of airborne microcontamination particles 42604
Klementiev, A.V. *see* Kichaev, A.V. 38519
Klemm, R. Interrelations between matched-field processing and airborne MTI radar 6103
Klemm, R. Adaptive air- and spaceborne MTI under jamming conditions 23186
Klemme, G.A. *see* Hall, D.B. 14922
Klemola, S. *see* Aaltonen, H. 38838
Klempt, W. *see* Adam, W. 46929
Klenk, E. System tests for HVDC-installations 47487
Klenk, M. *see* Doussiere, P. 43932
Klenk, M. *see* Haisch, H. 12164
Klenk, M. *see* Ils, P. 27548
Klenk, M. *see* Mikkelsen, B. 38129
Klenk, R. *see* Rockett, A. 40470
Klenke, R.H. *see* Bell, R.H., Jr. 18560
Klep, I.J. *see* Cillik, I.I. 39886
Klepalov, Yu.A. *see* Fominykh, Yu.A. 25558
Klepczynski, W. *see* Kirchner, D. 6291
Klepka, O.P. *see* Klepka, P.K. 47834
Klepka, P.K., Klepka, O.P. Formulation of second Maxwell's equation for magnet-screened circuits 47834
Klepo, M. *see* Tomasic, D. 24856
Klepp, D.E. Managing the network revenue stream 22465
Klepper, O. *see* Franzke, B. 15382
Klepper, O. *see* Steck, M. 7061
Klepper, S.J. *see* Athas, G.J. 10015
Klepsch, T. *see* Brunsbach, B.-J. 8350
Klepser, B.-U. *see* Ramm, J. 34704
Klessmann, H., Herdam, G., Wawer, W. A fast neutron time-of-flight and scattering angle measuring system with online flight time correction 47010
Kleszczewski, Z. *see* Bodzenta, J. 18358
Kletskii, S.V. *see* Sochinskii, N.V. 33631
Klett, T. *see* Owen, H. 14561
Klett, T.M. *see* Owen, H.L. 30278
Klette, A. *see* Shan Yu 30015
Kleve, A. *see* Steele, J.P.H. 47308
Kley, E.-B., Possner, T., Goring, R. Realization of micro-optic and integrated optic components by electron-beam-lithographic surface profiling and ion exchange in glass 35467
Kley, E.-B. *see* Dannberg, P. 35473
Kley, E.B. *see* Waldhausl, R. 35430
Kleyer, A.I. Calculation of the characteristic of a free-electron laser with a waveguide cavity 43957
Kleyev, A.I., Manenkov, A.B., Rozhnev, A.G. Numerical methods of calculating dielectric waveguides (or fiber lightguides). Special methods (A review) 29257
Kleyev, A.I. *see* Romashin, N.L. 1799
Kleymjonov, S. *see* Kiselyov, B. 11733
Kleyn, A.W. *see* de Graaf, M.J. 46827
Klick, D., Knight, F.K. Time-resolved beam profiler for pulsed lasers 6829
Klicker, J. A very compact two-dimensional triangulation-based scanning system for robot vision 6595
Klicker, J. *see* Ley, D. 38712
Kliem, H. Non-linear dielectric response by protons in amorphous insulators 35099
Klier, H. Specification of telecommunication exchange technological control interfaces 30579
Klier, J. *see* Luttich, F. 15115
Kligfield, P. *see* Stein, K.M. 24285
Klijn, P.L.A.J. *see* Goemans, P.A.F.M. 8325
Klima, J. Analytical solution of the current response in a space vector pulse width modulated induction motor drive 8421
Klima, J. The pulse width modulation and its influence to the induction motors 32872
Klima, M., Kostal, E. Technical applications of acoustoopic signal processing units 6367
Klima, O. *see* Juska, G. 28603
Klima, O. *see* Kocka, J. 40482
Klimakow, A., Dziesiaty, J., Korostelin, J., Lehr, M.U., Peka, P., Schulz, H.-J. Vapour growth, EPR and optical study of ZnSe:Ti single crystals 33581
Kliman, J. *see* Bogdzel, A.A. 46958
Klimek, D., Aldag, H. 10 Hz kilowatt class dye laser system 28746
Klimek, D. *see* Mandl, A. 12032
Klimenko, E.Yu. *see* Voloshin, I.F. 20225
Klimenko, V.A. *see* Baranov, I.A. 12660
Klimenko, Yu.A., Samoilenko, Yu.I., Khorozov, O.A. On one model of a controllable logic element at the microlevel. II 1152
Klimenkov, E.V. *see* Brouk, V.L. 15456
Klimkans, A.B. *see* Rutkis, M.A. 12358
Klimke, M.G. *see* Eichfeld, H.P. 34107
Klimkovich, B.V. *see* Aristarkhova, A.A. 9212
Klimkowski, K., Hao Ling Performance evaluation of moment-method codes on an Intel iPSC/860 hypercube computer 619
Klimov, A.A. *see* Plyatsko, S.V. 42450
Klimov, A.I. *see* Bugaev, S.P. 27413
Klimov, A.Yu. *see* Khrebtov, I.A. 6486
Klimovitsky, I.K. Calculation of the growth velocity for liquid encapsulated Czochralski grown GaAs crystals 645
Klimusheva, G.V. *see* Iljin, A.G. 3228
Klindworth, A. *see* Schutz, B. 18814
Kline, G.R. *see* Lakin, K.M. 1490
Kline, G.R. *see* Lakin, K.M. 11440
Kline, G.R. *see* Lakin, K.M. 42210
Kline, R.A., Parasnis, N.C., Konanur, R.V. Ultrasonic monitoring of the dynamic properties of composites during manufacture 9848
Kline, R.A. *see* Wang, Y.Q. 9815
Klinevskii, M.G. *see* Gryazanov, N.S. 15469
Kling, W.L. *see* Eggleton, M.N. 24873
Klinga, T. *see* Kjellberg, T. 20848
Klinga, T. *see* Nilsson, S. 28864
Klinga, T. *see* Oberg, M. 28686
Klingbeil, H. *see* Beilenhoff, K. 19129
Klingenberg, H.H. Microwave-excited excimer laser—an overview 20609
Klingenstein, M., Kuhl, J., Rosenzweig, J., Moglestue, C., Hulsmann, A., Schneider, J. Time-resolved photocurrent response of metal-semiconductor-metal photodetectors to double-pulse excitation 15001
Klingenstein, M., Kuhl, J., Rosenzweig, J., Moglestue, C., Hulsmann, A., Schneider, J., Kohler, K. Photocurrent gain mechanisms in metal-semiconductor-metal photodetectors 31224
Klinger, J.P. *see* Gaujacq, C. 39971
Klinger, L., Glickman, E., Katsman, A., Levin, L. Time dependence of stress and hillock distributions during electromigration in thin metal film interconnections 27774
Klinger, P.M. *see* Sobolev, N.A. 42625
Klinger, T., Pfutzner, H., Schonhuber, P. Stress effects on the domain configuration of amorphous and crystalline soft magnetic materials 35222
Klinger, V.M., Kuhn, M., Horn, R., Hinken, J.H. Superconducting stripline resonators and filters for the UHF range 1466
Klingle-Wilson, D. *see* Hermes, L.G. 39379
Klingler, M., Szelag, M., Heddebaut, M. Electromagnetic susceptibility of digital LSI circuits mounted on a printed circuit board 41727
Klingshirn, C. Laser processes in wide gap II-VI semiconductors 35793
Klingshirn, C. *see* Grohs, J. 3803
Klingshirn, C. *see* Langbein, W. 3844
Klinke, R. *see* Kokozinski, R. 43039
Klinken, J.Van *see* Van Klinken, J.
Klinkenbusch, L. *see* Blume, S. 4075
Klinz, B., Rudolf, R., Woeginger, J. On the recognition of permuted bottleneck Monge matrices 33483
Klipstein, P.C. *see* Khan-Cheema, U.M. 42852
Klisinski, M., Runesson, K. Improved symmetric and non-symmetric solvers for FE calculations 33566
Klisnick, A. *see* Zeitoun, P. 43709
Klitzing, K.v. *see* Eberl, K. 41341
Klitzing, K.v. *see* Haug, R.J. 43030
Klitzing, K.von *see* von Klitzing, K.
Klochko, V.I. *see* Kazakov, A.N. 4633
Klochko, V.K. Detection of moving images of point and extended objects in a series of television frames 13579
Klochkov, A.P. *see* Belousov, S.P. 14760
Klockhaus, H., Blasius, P., Weck, K.-H. Long-term ageing tests on PE/XLPE medium voltage-cables of different construction 24959
Klockhaus, H. *see* Blechschmidt, H.H. 24957
Kloeser, J. *see* Zakel, E. 27389
Kloffenstein, T. *see* Ficner, S. 11087
Klokocnik, J. *see* Straka, J. 6162
Klontz, K.W., Esser, A., Bacon, R.R., Divan, D.M., Novotny, D.W., Lorenz, R.D. An electric vehicle charging system with 'universal' inductive interface 8948
Klonz, M. *see* Dintner, H. 6282
Klonz, M. *see* Kinard, J.R. 6283
Klonz, M. *see* Sasaki, H. 6280
Klonz, M. *see* Takahashi, K. 6285
Kloosterman, S.H. Design and implementation of a user-oriented speech recognition interface: the synergy of technology and human factors 44754
Klop, J.J., Ianculescu, G.D. Control and sensitivity analysis for the solar array pointing system of the space station Freedom 24436
Klopman, B.B.G., Gerritsma, G.J., Rogalla, H. The propagation characteristics of wave-guiding structures with very thin superconductors; application to coplanar waveguide $YBa_2Cu_3O_{7-x}$ resonators 1473
Klopp, G.T. *see* Klein, R. 39751
Klopp, K.A. *see* Jenn, D.C. 44634
Klose, N. *see* Gorlich, S. 39001
Klosko, S.M. *see* Koblinsky, C.J. 7605
Kloss, A. Large converter systems and power line disturbances 7734
Kloss, A. Converter harmonics in the frequency range 3:10 kHz 16998
Kloss, A. *see* Joho, R. 17059
Klosterbuer, S.F. *see* Halbig, J.K. 38913
Klosterbuer, S.F. *see* Sprinkle, J.K., Jr. 38914
Klosters, D. *see* Hinsen, G. 29567
Klotsche, R. *see* Dampz, J. 22708
Klotz, W.-D. Controlling the ESRF accelerators 15281
Klove, T. *see* Encheva, S. 44708
Klovning, A. *see* Benvenuti, A. 7252
Klovskii, D.D. *see* Belous, S.A. 29730
Kluepfel, H.M. *see* Bhattacharyya, R. 5274
Kluev, V.F. *see* Arapov, L.N. 15283
Klug, D.-A. *see* Greenlief, C.M. 41393
Klug, G. *see* Kulka, D. 17434
Klug, L. Properties of an axial field AC servomotor drive 40546
Klug, M.A., Halle, M.W., Lucente, M., Plesniak, W.J. A compact prototype one-step ultragram printer 36047
Kluge, H. *see* Alberts, W.G. 39126
Kluit, P.M. *see* Adam, W. 46929
Klumper, C. *see* Lohmann, D. 46810
Klumper, Ch. *see* Euteneuer, H. 15286
Klumperink, E.A.M. Cascadable CMOS current gain cell with gain insensitive phase shift 9973
Klumpp, A., Hacker, E., Sigmund, H. All-dry siloxane based resist system: plasma induced chemical vapor deposition and reactive ion etch development 28036
Klumpp, M. *see* Witte, F.-O. 1255
Klus, J.P. New and emerging technologies: a competitive edge for national success 174
Klusener, S., van Vlijmen, B., van Waveren, A. Service independent building blocks. I. Concepts, examples and formal specifications 37616
Klustner, K. Meeting the network challenge 45586
Klute, G.K., Rodriguez, A. Test and evaluation of a zero-g treadmill restraint system 15949
Klyachkin, L.E. *see* Bagraev, N.T. 10826
Klyachkin, L.E. *see* Bagraev, N.T. 19481
Klyachkin, L.E. *see* Bagraev, N.T. 19502
Klykken, A. *see* Hopland, S. 5927
Klyshko, D.N., Kitaeva, G.Kh., Penin, A.N. Parametric photometer—a device for standardless non-destructing measurement of radiation spectral brightness 29010
Klyuev, V.V., Sosnin, F.R. Modern ionizing-radiation nondestructive-test systems 18354
Klyui, N.I., Litovchenko, V.G., Romanyuk, B.N., Melnik, V.P. Investigation of multilayer SOI structures by electroreflectance spectroscopy 19442
Klyukin, A.L. *see* Kovtonyuk, N.F. 3225
Kmetec, J.D., Kubo, T.S., Kane, T.J., Grund, C.J. Laser performance of diode-pumped thulium-doped $Y_3Al_5O_{12}$, $(Y,Lu)_3Al_5O_{12}$, and $Lu_3Al_5O_{12}$ crystals 28792
Kmetec, J.D. *see* Chiu, P.H. 20701
Knab, T.D. *see* Burger, C.P. 15058
Knadler, C.E., Jr., Vakilzadin, H. *(editors)* International Conference on Simulation in Engineering Education. Proceedings of the 1993 SCS Western Simulation Multiconference on Simulation in Engineering Education 26000
Knaflitz, M. *see* D'Alessio, T. 31923
Knamori, T. *see* Asobe, M. 28969
Knapek, E. *see* Hintermaier, M. 28041
Knapik, D.A. *see* Sayer, M. 28322
Knapp, B., Brugger, H. Application of neural network for filtering purposes in the field of automatic generation control 32517
Knapp, C.W. *see* Beeson, K.W. 43541
Knapp, O., Jansen, H. Environmental considerations in product development 17795
Knapp, O. *see* Ertel, J. 17796
Knapp, P., Ari, N. Electromagnetic compatibility in industrial plants — requirements and planning 44378
Knauer, J.P. *see* Soures, J.M. 3410
Knecht, L. *see* Badertscher, A. 7311

Knecht, W. Nonlinear noise filtering and beamforming using the perceptron and its Volterra approximation 36610
Kneis, H. *see* Muller, U. 46907
Kneisel, P. Radio-frequency superconductivity technology: Its sensitivity to surface conditions 2924
Kneisel, P. *see* Kako, E. 15505
Kneisel, P. *see* Saito, K. 15491
Kneissl, M. *see* Gulden, K.H. 33639
Kneissl, M. *see* Kiesel, P. 35492
Kneissl, M. *see* Knupfer, B. 43528
Kneissl, U. *see* Govaert, K. 31556
Knepper, R.W. *see* Pelella, M.M. 11171
Knepper, R.W. *see* Wagner, L.F. 11176
Knessl, C. *see* Yang, Y. 5196
Kneubuhl, F.K. Ultrashort-pulse and peculiar mid- and far-infrared gas lasers 20607
Kneubuhl, F.K., Scherrer, D.P., Moix, D.B. Modern aspects of far-infrared gas lasers 11954
Kneubuhl, F.K. *see* Knittel, J. 35682
Kneubuhl, F.K. *see* Wilke, I. 35444
Kniehl, R. *see* Cramer, G. 32812
Kniehl, R. *see* Cramer, G. 40064
Kniffen, D.A. *see* Thompson, D.J. 7145
Kniga, A.A. *see* Sidorkin, V.T. 25821
Knigge, S., Zumkley, S., Wingen, G., Humbach, O., Dragoman, M., Chaix, C., Jager, D. Optical bistability in hybrid AlAs/GaAs Bragg reflectors 3802
Knight, A. *see* Inggs, M.R. 14694
Knight, A. *see* Inggs, M.R. 14707
Knight, C.E. *see* Stephens, J.O. 48373
Knight, D. Broadband signalling and the evolution to an intelligent network 22677
Knight, D.G., Miner, C.J., Watt, B., Wu, C.M., Fox, K., Emmerstorfer, B., Maritan, C., Hennessy, J. Optimization of selective area epitaxy for fabrication of circular grating distributed-Bragg-reflector surface-emitting lasers 18152
Knight, D.G. *see* Tarof, L.E. 20524
Knight, D.J.E., Hansell, P.S., Leeson, H.C., Duxbury, G., Meldau, J., Lawrence, M. A review of user requirements for, and practical possibilities for, frequency standards for the optical fibre communication bands 6294
Knight, D.J.E., Pharaoh, K.I., Barwood, G.P., Humphreys, D.A., Hodges, C.J., Lawrence, M., Cameron, K. Frequency standards at 1.523 μm based on ^{20}Ne and at 1.56 μm derived from the 0.780 μm Rb frequency standard 6295
Knight, D.L. *see* Mahafza, B.R. 46069
Knight, F.K. *see* Klick, D. 6829
Knight, G. *see* Jian, P. 27780
Knight, G. *see* Pavlou, G. 14047
Knight, I.G. *see* Hodge, K.G. 38054
Knight, J.A.G. *see* Brown, L.A. 44161
Knight, J.D., West, J.N. A two-axis micropositioner for optical fiber alignment 23488
Knight, J.D. *see* West, J.N. 23487
Knight, L. *see* Adams, J.W. 27082
Knight, L.V. *see* Karain, W.I. 31813
Knight, R.B.D. *see* Kinard, J.R. 6283
Knight, R.D. *see* Domijan, A., Jr. 32502
Knight, R.H., Webster, G.R., Flyen, T. A novel induction motor suitable for use in a potentially explosive atmosphere 8384
Knight, R.P., Marchant, C.J., Rogers, J.G. Electrical, control and instrumentation aspects of the Drax flue gas desulphurisation plant 25191
Knight, R.W. *see* Romanczuk, C.S. 25922
Knight, T., Jr. *see* DeHon, A. 33897
Knight, U.G. *see* Heilbronn, B. 24818
Knight, W. *see* Boothroyd, G. 222
Knippels, G.M.H. *see* Bakker, R.J. 20924
Knirsch, M. *see* Genz, H. 15271
Knishevskaja, L. *see* Burneika, I. 43537
Knisley, J.R. Bringing back the electrical systems at the WTC 39581
Knittel, J., Scherrer, D.P., Kneubuhl, F.K. The first optical-free-induction-decay system with a tunable single-mode high-pressure CO_2 laser 35682
Knize, R.J. Efficiency of degenerate four-wave mixing in a two-level saturable absorbing medium 3777
Knizhnik, E.I. *see* Vasilenko, A.I. 38907
Knizia, M. *see* Heiermann, G. 39896
Knizova, M. *see* Ruhl, G. 34842
Knobbe, H.K. *see* Jacob, J. 15458
Knoben, M.H.M. *see* Kleeven, W.J.G.M. 7057
Knobloch, H. *see* Aust, E. 43495
Knobloch, J. *see* Moffat, D. 15431
Knobloch, J. *see* Sterk, S. 33019
Knoch, L.K. *see* Loechelt, G.H. 19515
Knoche, T. *see* Neyer, A. 35426
Knochel, R. *see* Hauschild, T. 31393
Knockaert, L. A class of statistical and spectral distance measures based on Bose-Einstein statistics 21719
Knodler, R., Sopka, J., Harbach, F., Grunling, H.W. Photoelectrochemical cells based on dye sensitized colloidal TiO_2 layers 8759
Knoernschild, G.F. Digital communications technology for air transport applications 39167
Knoess, R. Saving spin test time on the Frame 9F 16682
Knoll, A. Investigations in COST 206 on motion adaptive filtering applied to HDTV 14804
Knoll, A. *see* Bruyland, I. 13779
Knoll, A. *see* De Lameillieure, J. 14803
Knoll, A. *see* Meinkoehn, J. 36715
Knoll, D.A., Ishii, K. Sliding cube tunes microstrip transmission lines 18948
Knoll, G.F. *see* Jordanov, V. 18822
Knoll, G.F. *see* McGregor, D.S. 47017
Knoll, G.F. *see* Martin, J.B. 15721
Knoll, G.F. *see* Valentine, J.D. 11836
Knoll, W. *see* Aust, E. 43495
Knoll, W. *see* Herminghaus, S. 43463
Knoll, W. *see* Ito, S. 35504
Knollenberg, R.G. Sensors for particle measurement in corrosive liquids and gases 6454
Knoop, B. *see* Jordan, K. 24187
Knoop, M. *see* Kohle, S. 17607
Knop, I. *see* Chao, M.L. 33000
Knop, J.M. *see* Hall, D.B. 14922
Knopf, G.K. *see* Gupta, M.M. 29822
Knopp, J. *see* Soutar, C. 28529
Knorpp, K. *see* Seno, K. 26923
Knorpp, K. *see* Seno, K. 34047
Knorr, A., Binder, R., Wright, E.M., Koch, S.W. Amplification, absorption, and lossless propagation of femtosecond pulses in semiconductor amplifiers 3584
Knorr, D.B. The role of texture on the reliability of aluminum-based interconnects 34818
Knorr, D.B., Rodbell, K.P. Effects of texture, microstructure, and alloy content on electromigration of aluminum-based metallization 2207
Knorr, D.B. *see* Dunlop, J.A. 842
Knorr, D.B. *see* Felton, L.E. 876
Knorr, D.B. *see* Licata, T.J. 34819
Knorr, D.B. *see* Liu, W.-T. 26185
Knorr, R. *see* Willer, B. 48304
Knorr, U. IDAS—a new simulation system for complex power electronic and drive systems 40545
Knorr, U. Fuzzy controlled inverter and digital control structures-a straightforward simulation approach using the simulation tool IDAS for complex power electronics and drive systems 47983
Knott, E.F. Dielectric constant of plastic foams 20030
Knotts, G.L. *see* Hill, E.K. 9829
Knouse, D.R. *see* Willems, G.C. 23504
Knowles, E.A. *see* Gabella, P. 17930
Knowles, P.H. Integration of a class of transcendental Liouvillian functions with error-functions. Part II 18081
Knowles, W.M.C., Andreeff, T. Nuclear operations branch outage management strategy 16608
Knowles, W.M.C., Andreeff, T., Gordon, C.W., Jobe, C.I. Approach for the management of plant aging [nuclear power stations] 8110
Knowlton, W.B., Itoh, K.M., Beeman, J.W., Emes, J.H., Loretto, D., Haller, E.E. Ge-Au eutectic bonding of Ge {100} single crystals [dark matter detector applications] 19422
Knox, D., Panchanathan, S. Parallel searching techniques for routing table lookup 5326
Knox, F.M. *see* Forysiak, W. 28468
Knox, K.T. Error diffusion: a theoretical view 29758
Knox, M.E., Sbuttoni, P.J., Stangel, J.J., Kumar, M., Valentino, P. Solid state 6×6 transfer switch for cylindrical array radar 6135
Knox, R. *see* Dalal, V. 20531
Knox, R. *see* Moradi, B. 26506
Knox, W.H. Dispersion measurements for femtosecond-pulse generation and applications 46648
Knox, W.H., Gordon, J.P. Frequency-domain dispersion measurements in tunable mode-locked lasers 20934
Knudsen, B.A. *see* Benz, M.G. 11517
Knudsen, D.R., Ingold, J.P., Brown, G.D. Fiber optic cable systems for Navy ships 6020
Knudsen, D.R., Ingold, J.P., Brown, G.D. Fiber optic cable systems for navy ships 6089
Knudsen, J.E. *see* Fuldseth, A. 29566
Knudsen, L.R. Cryptanalysis of LOKI 91 12950
Knudsen, L.R. Cryptanalysis of LOKI 12963
Knudsen, L.R. Iterative characteristics of DES and s^2-DES 21541
Knudsen, L.R. *see* Damgard, I.B. 29498
Knudsen, L.R. *see* Nyberg, K. 21546
Knudsen, M. *see* Borsting, H. 16835
Knudsen, N.A. *see* Lundsgaard, J.S. 17298
Knudsen, P.D., Brainard, R.L., Schell, K.T. A photoimageable dielectric for sequential PWB fabrication 34370
Knudson, A.R. *see* Dussault, H. 34901
Knudson, A.R. *see* McMorrow, D. 34924
Knudson, A.R. *see* Weatherford, T.R. 35030
Knudson, A.R. *see* Weatherford, T.R. 43005
Knudson, J. *see* Szymanski, J.J. 38862
Knudtson, G. *see* Lamoree, J.D. 32349
Knupfer, B., Kiesel, P., Kneissl, M., Dankowski, S., Linder, N., Weimann, G., Dohler, G.H. Polarization-insensitive high-contrast GaAs/AlGaAs waveguide modulator based on the Franz-Keldysh effect 43528
Knupfer, B. *see* Kiesel, P. 35492
Knutson, J.R. *see* Knuttel, A. 38716
Knutson, J.R. *see* Williamson, C.K. 1816
Knutson, K., Coste, W.H., Adams, G. IREMM—an inter-regional electric market model for forecasting the price of bulk power transactions applicable to long term planning 7903
Knutsson, H., Barman, H., Haglund, L. Robust orientation estimation in 2D, 3D and 4D using tensors 13693
Knutsson, H., Haglund, L., Granlund, G.H. Adaptive filtering of image sequences and volumes 13677
Knutsson, H. *see* Granlund, G.H. 36937
Knutsson, H. *see* Nordberg, K. 13445
Knuttel, A., Schmitt, J.M., Knutson, J.R. Low-coherence reflectometry for stationary lateral and depth profiling with acousto-optic deflectors and a CCD camera 38716
Knuttel, A. *see* Williamson, C.K. 1816
Knutz, B.C., Berg, R.W., Hjuler, H.A., Bjerrum, N.J. Mechanism of reaction in $NaAlCl_4$ molten salt batteries with nickel felt cathodes and aluminum anodes. II. Experimental results and comparison with model calculations 25637
Knutz, B.C., Hjuler, H.A., Berg, R.W., Bjerrum, N.J. Mechanism of reaction in $NaAlCl_4$ molten salt batteries with nickel felt cathodes and aluminum anodes. I. Modeling of the battery properties at thermodynamic equilibrium 25636
Knuutila, J.E.T. *see* Ahonen, A.I. 24214
Knuutila, J.E.T. *see* Ahonen, A.I. 31919
Knuyt, G. *see* Stulens, H. 34815
Knyaz, A.I. Circular waves in the channel waveguides 4240
Knyaz, A.I., Solomko, A.V. Separation of signals with coincident angles of arrival in a two-beam radio channel 13189
Knyaz'kov, V.A. *see* Ezhov, V.F. 15117
Ko, C.C., Bachl, R. Sensitivity of complex response zeros of linear power inversion arrays in the presence of random amplitude and phase errors 29692
Ko, C.C., Wu, Z.Y. A robust source tracking algorithm for partially adaptive arrays 12777
Ko, C.C. *see* Chan, H. 21647
Ko, C.Y., Chen, K.C., Lu, C.C. Performance of slotted ALOHA in multiple joint cells of wireless networks 37433
Ko, D. *see* Park, H. 34751
Ko, G.C., Wen, J. Fast null steering algorithm for arbitrary two-dimensional power inversion arrays 21432
Ko, H., Baran, R., Arozullah, M. Neural network based novelty filtering for signal detection enhancement 13239
Ko, H.L., Lee, G.S., Barfknecht, A.T. Design and experiments on a high-resolution multi-gigahertz sampling rate superconducting A/D converter 27009
Ko, H.L. *see* Lee, G.S. 28413
Ko, I. *see* Namkung, W. 15292
Ko, I. *see* Namkung, W. 15293
Ko, J. *see* Chou, J.W. 19881
Ko, J. *see* Jyh-Kuang Lin 1216
Ko, J. *see* Kenkare, P.U. 35081
Ko, J.-S., Lee, J.-H., Youn, M.-J. Robust digital position control of brushless DC motor with adaptive load torque observer 40246
Ko, J.S., Lee, J.H., Chung, S.K., Youn, M.J. A robust digital position control of brushless DC motor with dead beat load torque observer 16883
Ko, K., Ng, C.-K., Herrmannsfeldt, W.B. Modeling accelerator structures and RF components 46702
Ko, K. *see* Arcioni, P. 15435
Ko, K. *see* Berg, W. 15418
Ko, K. *see* Ng, C.-K. 46708
Ko, K. *see* Rimmer, R. 15511
Ko, K. *see* Tantawi, S. 46747
Ko, K.-T., Cheung, C.C. Dimensioning of both-way circuits with overflows to separate routes 30261
Ko, K.-Y., Chen, S., Braunstein, G., Zheng, L.-R., Lee, S.-T. Simultaneous implant activation and isolation formation in GaAs in a single high-temperature anneal 2081
Ko, K.K., Pang, S.W. Surface damage on GaAs etched using a multipolar electron cyclotron resonance source 19592
Ko, K.K., Pang, S.W. Controllable layer-by-layer etching of III-V compound semiconductors with an electron cyclotron resonance source 27745
Ko, K.Y., Chen, S., Lee, S.-T., Braustein, G. Implantation-induced voids for thermally stable electrical isolation in GaAs 2044
Ko, M.H. *see* Ching, P.C. 34112
Ko, P.K. *see* Assaderaghi, F. 19835
Ko, P.K. *see* Chan, M. 42942
Ko, P.K. *see* Ma, Z.J. 42990
Ko, P.K. *see* Parke, S. 20024
Ko, P.K. *see* Quader, K.N. 18904
Ko, P.K. *see* Quader, K.N. 34956
Ko, P.K. *see* Tu, R.H. 17956
Ko, P.K. *see* Wann, H. 19880
Ko, S.-J., Forest, T.M. Image sequence enhancement based on adaptive symmetric order statistics 22157
Ko, S.K. *see* Yang, L.W. 11167

Ko, U., Schenck, S., Svejda, F., La, S. A 0.65 μm, low-voltage/low-power optimized CMOS gate array 18665
Ko, V.T.K. *see* White, N.M. 6376
Ko, Y. *see* Kim, H. 24682
Ko, Y.T. *see* Yoo, J.S. 35842
Ko Chul Gi *see* Chul Gi Ko
Ko Jong Sun *see* Jong Sun Ko
Ko Mei-Fei *see* Mei-Fei Ko
Ko Ping *see* Ping Ko
Ko Yunseok *see* Yunseok Ko
Ko-Tai Ho *see* Dau-Chyrh Chang 44572
Koai, K., Sonnenberg, K., Wenzl, H. Influence of crucible support and radial heating on the interface shape during vertical Bridgman GaAs growth 41233
Koak, B.H. *see* Choi, S.W. 2072
Koak, B.H. *see* Choi, S.W. 28205
Koak, B.H. *see* Park, H.H. 34740
Koak Byong Hwa *see* Byong Hwa Koak
Koak Byung-Hwa *see* Byung-Hwa Koak
Koay, G.L., Lowery, A.J., Tucker, R.S. Effect of optical feedback on short-haul lightwave systems using Fabry-Perot lasers 38022
Koba, R. *see* Singh, R.K. 857
Koba, S., Uchiya, M., Nakao, A., Higo, S., Kawano, I., Ogushi, T. Fabrication of Bi-Sr-Ca-Cu-O/barrier/Bi-Sr-Ca-Cu-O junction by treatment with carbonated water 2870
Kobanovich, I.V. Radiation resistance of synthetic quartz crystals 20069
Kobara, J. *see* Imai, M. 1295
Kobaru, T. *see* Yagoh, S. 32725
Kobashi, K. *see* Miyata, K. 816
Kobashi, S., Akagi, K., Imase, M., Sasaki, K., Fujii, M., Tani, M., Saito, M. A PWR plant predictive simulator for an operator support system 16589
Kobasz, W. *see* Rao, B.M.L. 17193
Kobatake, M. *see* Kono, T. 25173
Kobayakawa, K. *see* Grajew, G. 37613
Kobayakawa, K. *see* Sato, Y. 48071
Kobayashi, A., Naito, Y., Ishigami, T., Izumi, A., Hanagata, T., Nakashima, K. A 1/2-in 380 k-pixel progressive scan CCD image sensor 31317
Kobayashi, A. *see* Fukaumi, T. 42260
Kobayashi, A. *see* Mukaiyama, Y. 8676
Kobayashi, A. *see* Nishimura, E. 43974
Kobayashi, A. *see* Suzuki, K. 25568
Kobayashi, A. *see* Toda, H. 25569
Kobayashi, A. *see* Ushida, K. 48035
Kobayashi, D., Kim, C.-J., Fujita, H. Photoresist-assisted release of movable microstructures 19685
Kobayashi, H. Recent progress and problems in high field electroluminescence of inorganic materials 35595
Kobayashi, H. High Speed Mounter TCM-1000 42318
Kobayashi, H., Hara, F. Recognition of Six basic facial expression and their strength by neural network 4882
Kobayashi, H., Kishimoto, K., Nakato, Y. Reactions of hydrogen at the interface of palladium-titanium dioxide Schottky diodes as hydrogen sensors, studied by workfunction and electrical characteristic measurements 46536
Kobayashi, H., Kogetsu, Y., Ishida, T., Nakato, Y. Increases in photovoltage of "indium tin oxide/silicon oxide/mat-textured n-silicon" junction solar cells by silicon preoxidation and annealing processes 8752
Kobayashi, H., Kogetsu, Y., Nakato, Y. Mechanism of hydrogen sensing by platinum/silicon oxide/silicon MIS tunneling diodes 46534
Kobayashi, H. *see* Hagihara, J. 39492
Kobayashi, H. *see* Higashi, T. 12183
Kobayashi, H. *see* Ichiyanagi, K. 16709
Kobayashi, H. *see* Ishikawa, H. 12825
Kobayashi, H. *see* Jeong, S.K. 16851
Kobayashi, H. *see* Katagiri, T. 22743
Kobayashi, H. *see* Kawamura, Y. 27543
Kobayashi, H. *see* Kojima, H. 14606
Kobayashi, H. *see* Kojima, H. 45644
Kobayashi, H. *see* Kusunoki, T. 25172
Kobayashi, H. *see* Matsumoto, T. 18942
Kobayashi, H. *see* Matsumoto, T. 34206
Kobayashi, H. *see* Nakajima, J. 6165
Kobayashi, H. *see* Ogita, S. 28859
Kobayashi, H. *see* Okada, C. 2100
Kobayashi, H. *see* Sankarshanan, P.N. 18777
Kobayashi, H. *see* Sato, I. 15299
Kobayashi, H. *see* Shimizu, M. 30822
Kobayashi, H. *see* Suyitno, A. 16879
Kobayashi, H. *see* Tachikura, M. 30814
Kobayashi, H. *see* Tsubomura, H. 17398
Kobayashi, H. *see* Watanabe, I. 5947
Kobayashi, H. *see* Yoshida, Y. 6954
Kobayashi, H. *see* Yoshikawa, T. 3608
Kobayashi, I. The dawn of fiber-optic access networks 45680
Kobayashi, I., Tsuji, H. Research and development of fiber-optic subscriber network systems 23063
Kobayashi, I. *see* Okada, K. 30843
Kobayashi, J., Asaka, H., Mitsui, H., Sone, M., Terayama, I., Kenmotsu, Y. Expert system with fuzzy clustering method for diagnosis on lifetime of transformers 40293
Kobayashi, J.H. *see* Jackson, C.M. 1403
Kobayashi, J.H. *see* Kobayashi, K.W. 2890
Kobayashi, K. Vector diffraction modeling: polarization dependence of optical readout/servo signals 2937
Kobayashi, K. Optical, thermomechanical and MOS properties of ZnO- and PbO-based glasses 18322
Kobayashi, K. Observation of magnetic domains in thin-film heads by electron microscopy 28378
Kobayashi, K. On coding theorems with modified length functions 36550
Kobayashi, K., Komori, A., Watanabe, K. Filtering of spatial frequency components in the pattern of radio wave intensity and speed measurements by a radio wave spatial filter 31479
Kobayashi, K., Matsubara, T., Matsushima, S., Okada, G. Growth of ZnO films by low-pressure organometallic chemical vapor deposition 850
Kobayashi, K., Matsumoto, Y., Seki, K., Kato, S. A full digital modem for offset type modulation schemes 37651
Kobayashi, K., Nakagome, Y., Yamanaka, A., Yamamoto, S., Fujita, Y., Tamai, T., Kanazawa, S., Kimura, I. Characteristic behavior of neutrons in the lead slowing-down spectrometer coupled to electron linac 15682
Kobayashi, K., Susuki, T., Adachi, S. Chemical treatment effects on Si surfaces in SC2 solutions studied by spectroscopic ellipsometry 19608
Kobayashi, K. *see* Ara, K. 38745
Kobayashi, K. *see* Endo, K. 20858
Kobayashi, K. *see* Fujiura, K. 818
Kobayashi, K. *see* Hayata, K. 3805
Kobayashi, K. *see* Hirai, M. 36125
Kobayashi, K. *see* Isagawa, S. 10619
Kobayashi, K. *see* Kitaguchi, H. 38867
Kobayashi, K. *see* Koshikawa, S. 4054
Kobayashi, K. *see* Kuwano, N. 26444
Kobayashi, K. *see* Lovell, D.R. 10750
Kobayashi, K. *see* Magara, T. 17630
Kobayashi, K. *see* Masuda, T. 40579
Kobayashi, K. *see* Morita, H. 31932
Kobayashi, K. *see* Morita, H. 44680
Kobayashi, K. *see* Nishida, Y. 28798
Kobayashi, K. *see* Sakamoto, K. 27870
Kobayashi, K. *see* Sakamoto, K. 27912
Kobayashi, K. *see* Sano, K. 12389
Kobayashi, K. *see* Sato, T. 7379
Kobayashi, K. *see* Seno, K. 26923
Kobayashi, K. *see* Seno, K. 34047
Kobayashi, K. *see* Sugawara, T. 6690
Kobayashi, K. *see* Ueno, Y. 12173
Kobayashi, K. *see* Wakiwaka, H. 44271
Kobayashi, K.W., Kobayashi, J.H., Leung, M., Oki, A.K., Matloubian, M., Chan, S., Streit, D.C. A cryogenic GaAs HBT microwave amplifier and its application to a superconductor digital IC 2890
Kobayashi, K.W., Oki, A.K., Umemoto, D.K., Claxton, S., Streit, D.C. GaAs HBT PIN diode attenuators and switches 1592
Kobayashi, K.W., Tran, L.T., Bui, S., Velebir, J.R., Oki, A.K., Streit, D.C. Low power consumption InAlAs-InGaAs-InP HBT SPDT PIN diode X-band switch 19119
Kobayashi, K.W., Umemoto, D.K., Velebir, J.R., Jr., Oki, A.K., Streit, D.C. Integrated complementary HBT microwave push-pull and Darlington amplifiers with p-n-p active loads 10501
Kobayashi, M., Hori, Y. Test of copper duct at PF 7005
Kobayashi, M., Ishihara, T., Gotoh, M. Power penalty due to optical reflections in erbium-doped fiber preamplifier 20676
Kobayashi, M., Ono, M., Kakuichi, O. Earth environment and remote sensing technologies using satellites 7588
Kobayashi, M., Otuka, K. Gas insulating transformers 25507
Kobayashi, M., Shinkawa, T., Sato, T., Sugimoto, S., Korzhik, M.V., Fyodorov, A.A., Kachanov, V.A. $YAlO_3$:Ce-Am light pulsers as a gain monitor for undoped CsI detectors in a magnetic field 31667
Kobayashi, M. *see* Hamamoto, Y. 38301
Kobayashi, M. *see* Hua, G.C. 9537
Kobayashi, M. *see* Ishibashi, S. 22672
Kobayashi, M. *see* Koide, A. 25613
Kobayashi, M. *see* Motoyama, Y. 30667
Kobayashi, M. *see* Nakano, M. 11360
Kobayashi, M. *see* Shimatsu, T. 28357
Kobayashi, M. *see* Shintaku, T. 11709
Kobayashi, M. *see* Sugimoto, S. 7230
Kobayashi, M. *see* Suzuki, M. 14758
Kobayashi, M. *see* Tachikawa, K. 11514
Kobayashi, M. *see* Tokita, S. 41370
Kobayashi, M. *see* Tomitori, M. 26414
Kobayashi, M. *see* Tosaka, H. 9754
Kobayashi, M. *see* Xie, W. 9536
Kobayashi, N., Kataoka, N., Shima, T., Fujimori, H. Effect of magnetic annealing on soft magnetic properties of Fe-Si-B-Nb-Cu multilayers 35217
Kobayashi, N. *see* Ando, S. 3592
Kobayashi, N. *see* Kawano, S. 33116
Kobayashi, N. *see* Makimoto, T. 806
Kobayashi, N. *see* Saito, H. 12098
Kobayashi, N. *see* Tanigawa, S. 10732
Kobayashi, N. *see* Uwai, K. 18283
Kobayashi, N. *see* Yamauchi, Y. 9751
Kobayashi, R. *see* Suzuki, M. 14758
Kobayashi, S., Oka, S., Nonoyama, A., Fujita, T. GaAs Schottky diodes for sampling oscilloscope with 10 GHz bandwidth 23773
Kobayashi, S., Saito, Y., Nagai, Y., Yamamoto, Y. Vacuum breakdown strength of vacuum-degassed oxygen-free copper electrodes 2702
Kobayashi, S., Yokoi, K., Harada, T., Endo, S. Twisted-pair cable for broadband data transmission 34301
Kobayashi, S. *see* Abu-Dayah, A. 20547
Kobayashi, S. *see* Bao Xue Chen 11638
Kobayashi, S. *see* Haginomori, E. 16298
Kobayashi, S. *see* Katoh, K. 23796
Kobayashi, S. *see* Kimoto, T. 42847
Kobayashi, S. *see* Maruyama, S. 11378
Kobayashi, S. *see* Muruyama, S. 20038
Kobayashi, S. *see* Ohsugi, T. 46838
Kobayashi, S. *see* Ohsugi, T. 46839
Kobayashi, S. *see* Saito, Y. 2704
Kobayashi, S. *see* Saito, Y. 27002
Kobayashi, S. *see* Sasaki, F. 12336
Kobayashi, S. *see* Sugiyama, T. 20413
Kobayashi, S. *see* Takagi, H. 17278
Kobayashi, S. *see* Tamura, N. 46889
Kobayashi, S. *see* Ueda, A. 16763
Kobayashi, T. Progress in high-temperature superconducting electronics 2904
Kobayashi, T. Convergence of top-notch electronic techniques produces multi-functional analyzers 38428
Kobayashi, T., Hamano, Y., Sung-Woo An, Shirai, K. Phoneme recognition using probability ratio between phoneme-group-pair 44789
Kobayashi, T., Horikawa, K., Ushida, F. A proposal of software operation system information model 37344
Kobayashi, T., Hou, G.R., Maki, T., Shikama, S. Depth profile measurement of activated boron-concentration in diamond thin films utilizing Schottky diode *C-V* curves 19732
Kobayashi, T., Kushibiki, J., Chubachi, N. Improvement of measurement accuracy of line-focus beam acoustic microscope system 16032
Kobayashi, T., Narui, H., Dohsen, M., Matsuda, O., Mori, Y., Narushima, T. An individually addressed dense 100-laser array 3642
Kobayashi, T., Shomura, K., Saito, R., Fujiwara, H., Shiina, T., Ogata, N., Hamanaka, S. Development of ASIC based H1 rate video codec 46208
Kobayashi, T. *see* Chan-Hoon Park 43349
Kobayashi, T. *see* Fujimoto, S. 20266
Kobayashi, T. *see* Fukumitsu, H. 46268
Kobayashi, T. *see* Hashimoto, K. 21692
Kobayashi, T. *see* Iwata, Y. 7312
Kobayashi, T. *see* Kamohara, S. 10860
Kobayashi, T. *see* Kanno, T. 4523
Kobayashi, T. *see* Kawabata, A. 2896
Kobayashi, T. *see* Kinoshita, K. 2897
Kobayashi, T. *see* Kubo, M. 20269
Kobayashi, T. *see* Kurishima, K. 28096
Kobayashi, T. *see* Kurishima, K. 34926
Kobayashi, T. *see* Kushibiki, J. 16028
Kobayashi, T. *see* Masuda, M. 28387
Kobayashi, T. *see* Nakajima, H. 1553
Kobayashi, T. *see* Nishimura, E. 43974
Kobayashi, T. *see* Ogata, A. 6952
Kobayashi, T. *see* Onishi, H. 7962
Kobayashi, T. *see* Sakamoto, K. 20930
Kobayashi, T. *see* Sekiguchi, T. 16461
Kobayashi, T. *see* Shibata, M. 8904
Kobayashi, T. *see* Shirai, K. 13100
Kobayashi, T. *see* Shouji, H. 8089
Kobayashi, T. *see* Sugaya, T. 20276
Kobayashi, T. *see* Sugiyama, T. 42195
Kobayashi, T. *see* Suzuki, A. 10173
Kobayashi, T. *see* Taira, T. 3523
Kobayashi, T. *see* Takeuchi, S. 44059
Kobayashi, T. *see* Tokuda, K. 4542
Kobayashi, T. *see* Usami, K. 28408
Kobayashi, T. *see* Wada, Y. 42480
Kobayashi, T. *see* Wada, Y. 43666
Kobayashi, T. *see* Yamagata, T. 18737
Kobayashi, T. *see* Yamamoto, F. 16575
Kobayashi, T. *see* Yamazaki, T. 17130
Kobayashi, T. *see* Yoshida, Y. 6954
Kobayashi, Y., Aoki, M., Satoh, K. Long-term reliability testing of electric double layer capacitors 19171
Kobayashi, Y., Araki, A., Kamiya, Y. A test of 3-GeV operation at the Photon Factory storage ring 15291
Kobayashi, Y., Imai, T., Sakakibara, T. Phenomenological description of 'coherence peak' of high-T_c superconductors by improved three-fluid model 28397
Kobayashi, Y., Kogami, Y., Katoh, M. A method of evaluating the temperature dependences of dielectric resonators and materials 31407
Kobayashi, Y., Nihei, Y., Mizumoto, J., Sato, T., Shimba, M. Frequency stabilization of a semiconductor laser by modified direct FSK using the PEAK method 12125
Kobayashi, Y., Senju, T. Field analysis of shielded uniaxial-dielectric rod resonators 1453
Kobayashi, Y., Senju, T. Resonant modes in shielded uniaxial-anisotropic dielectric rod resonators 42180

Kobayashi, Y. *see* Adachi, H. 43864
Kobayashi, Y. *see* Aoki, M. 34292
Kobayashi, Y. *see* Fukuda, H. 27843
Kobayashi, Y. *see* Horie, M. 33730
Kobayashi, Y. *see* Imai, T. 2872
Kobayashi, Y. *see* Ishii, K. 10137
Kobayashi, Y. *see* Kowaka, M. 3414
Kobayashi, Y. *see* Kubo, M. 20269
Kobayashi, Y. *see* Noda, S. 3394
Kobayashi, Y. *see* Sawai, T. 37989
Kobayashi, Y. *see* Tanaka, H. 347
Kobayashi, Y. *see* Tanaka, H. 14582
Kobayashi, Y. *see* Uchino, K. 20270
Kobayashi Ei-ichi *see* Ei-ichi Kobayashi
Kobeda, E., Mazzeo, N.J., Gambino, J.P., Ng, H., Patton, G.L., Warnock, J.D., Basavaiah, S., White, J.F., Cressler, J.D. Fabrication of tungsten local interconnect for VLSI bipolar technology 11291
Kobeissi, H., Ghannouchi, F.M., Khebir, A. Finite element solution of the nonlinear Poisson equation for semiconductor devices using the fixed-point iteration method 19711
Kobeissi, H. *see* Anderson, B. 34783
Kobelev, A.S. Obtaining the convergence of nonlinear problems in the design of highly saturated electrical machines by the finite-element method 8289
Kobel'kov, G.M. *see* Veretentseva, T.V. 41187
Kober, H. Design guidelines for cost-effective manufacture of flexible printed circuits (FPCs) 1699
Kober, H. *see* Vieth, J. 31943
Kober, V., Garcia, J., Szoplik, T., Yaroslavsky, L.P. Nonlinear image processing based on optical-digital method of local histogram calculation 13532
Koberidze, A.V. *see* Golovko, Ya.D. 11471
Koberna, M. Broadband acoustic emission sensor with a conical active element in practice 24473
Koberstein, D. *see* Carey, T. 39191
Kobiela, J. *see* Garthe, D. 39424
Koblents, B., Belanger, M., Woods, D., McLane, P.J. Asynchronous timing and Doppler recovery in DSP based DPSK modems for fixed and mobile satellite applications 37937
Koblents, B., McLane, P.J. Asynchronous timing recovery in DSP based PSK modems 22710
Koblinsky, C.J., Ryan, J., Braatz, L., Klosko, S.M. A direct evaluation of the Geosat altimeter wet atmospheric range delay using very long baseline interferometry observations 7605
Koblitz, N. *see* Fellows, M. 12934
Koblitz, N. *see* Fellows, M.R. 12848
Koblizek, P. *see* van der Laan, M.D. 36657
Koblowski, S. *see* David, G. 27266
Kobolla, H. Dichromated gelatine transmission holograms for 1 .5 μm wavelength 29026
Kobolla, H. *see* Volkel, R. 3374
Kobolla, H. *see* Volkel, R. 10588
Kobori, H. *see* Fujimoto, S. 20266
Kobori, M. *see* Sakurai, N. 16590
Kobotiatis, L. *see* Dalas, E. 8734
Kobrinski, H. *see* Tsong-Ho Wu 37261
Kobukata, F. *see* Hisanaga, K. 14346
Kobyakov, A.E. *see* Torchigin, V.P. 30589
Koc, C.K., Chen, G. Inversion of all principal submatrices of a matrix 33533
Koc, U.-V. *see* Lawson, W. 6872
Kocanda, W. *see* Brenner, T. 46067
Kocarev, L., Chua, L.O. On chaos in digital filters: Case $b = -1$ 10302
Kocarev, L., Halle, K.S., Eckert, E., Chua, L.O. Experimental observation of antimonotonicity in Chua's circuit 27108
Kocarev, L. *see* Belykh, V.N. 1003
Koch, A.R. *see* Eray, M. 23741
Koch, B., Christophe, P. Arc voltage for arcing faults on 25(28)-kV cables and splices 16333
Koch, C. *see* Perez, F. 43101
Koch, C. *see* Telle, H.R. 3868
Koch, D. *see* Braun, P. 32655
Koch, D.B. *see* Takla, M.B. 41585
Koch, F. *see* Kux, A. 28648
Koch, F. *see* Meiners, U. 43017
Koch, G., Schmidt, E. A numerical current comparison protection with digital measured value transmission over fibre-optic cable 16447
Koch, G.J., Deyst, J.P., Storm, M.E. Single-frequency lasing of monolithic Ho,Tm:YLF 3478
Koch, H., Pircher, C. Design tools for high voltage switchgear 8670
Koch, H., Pircher, C. High voltage switchgear designed and produced under strict quality control 32969
Koch, H. *see* Enpuku, K. 2883
Koch, J.A. *see* Moreno, J.C. 35646
Koch, J.H. *see* Blok, H.P. 38935
Koch, K.-J. *see* Bayha, E. 22964
Koch, L. *see* Fritsch, J.P. 24204
Koch, M. *see* Geiser, W. 30658
Koch, M.W. *see* Fogler, R.J. 30868
Koch, P., Bagchi, K.K., Hermansen, K. On realistic and efficient scheduling of DSP algorithms onto multiprocessor architectures 26978
Koch, R. Heating by waves in the ion cyclotron frequency range 44583
Koch, R. *see* Woods, A. 23816
Koch, R.C.N., Prasad, R., Bons, J.H. An asymmetric speech coding algorithm using vector quantization and silence deletion 21653
Koch, R.De Mello *see* De Mello Koch, R.
Koch, R.H. *see* Foglietti, V. 28411
Koch, R.H. *see* Laibowitz, R.B. 20208
Koch, R.H. *see* Sun, J.Z. 2901
Koch, S., Kaufman, H. Image restoration using extended Kalman filters 5029
Koch, S. *see* Hirayama, Y. 10700
Koch, S. *see* Woias, P. 6608
Koch, S.W. *see* Boggavarapu, D. 12249
Koch, S.W. *see* Chow, W.W. 43943
Koch, S.W. *see* Jahnke, F. 20877
Koch, S.W. *see* Knorr, A. 3584
Koch, S.W. *see* Lee, S.G. 28984
Koch, S.W. *see* Pereira, M.F., Jr. 21045
Koch, S.W. *see* Pereira, M.F., Jr. 35865
Koch, S.W. *see* Peyghambarian, N. 36
Koch, S.W. *see* Ru, P. 12245
Koch, S.W. *see* Ru, P. 43832
Koch, T. *see* Ardo, A. 30513
Koch, T.L. *see* Alferness, R.C. 45985
Koch, T.L. *see* Choa, F.S. 3134
Koch, T.L. *see* Kim, I. 43888
Koch, T.L. *see* Santoro, M.A. 5684
Koch, T.L. *see* Santoro, M.A. 22712
Koch, T.L. *see* Tennant, D.M. 28851
Koch, V.R. *see* Dominey, L.A. 48090
Kochanov, E.S. *see* Zimin, E.F. 36097
Kochegarov, Yu.V. *see* Vorobjev, L.E. 12246
Kochelap, V.A., Zakhleniuk, N.A. Hydrodynamical fluctuations in hot electron gas of semiconductors: cross-correlation effects 10640
Kochelap, V.A. *see* Sokolov, V.N. 19364
Kochemasov, G.G. *see* Dolgopolov, Y.V. 35658
Kochemasov, G.G. *see* Pevny, S.N. 35657
Kochemasov, V.N. *see* Zharov, A.N. 26931
Kocher, M., Rose, K. Silicon assembler design of a DCT/IDCT ASIC for real-time JPEG/MPEG compression 22169
Kochergov, E.G. *see* Shmerko, V.P. 36854
Kocherhans, B. *see* Seeger, H. 25073
Kocherzhevskiy, V.G. *see* Erokhin, G.A. 29316
Kochetkov, A.A. *see* Andreeva, R.I. 20816
Kochetkov, L.A., Kiryushin, A.I., Oshkanov, N.N. Sodium-cooled fast reactors in Russia: looking beyond the year 2000 25149
Kochetkov, V. *see* Denisov, S. 31708
Kochetkov, V.I. *see* Belikov, S.V. 7199
Kochetkov, V.I. *see* Belikov, S.V. 7200
Kochetkov, V.I. *see* Gilitskii, Yu.V. 46921
Kochetkova, A.M., Shlyonov, S.A. Pulse shape and its spectrum transformation in a homogeneous Kerr medium 21049
Kochetov, I.V. *see* Konev, Yu.B. 43729
Kochetov , I.V. *see* Konev, Yu.B. 11960
Kochev, K.D. *see* Ganchev, M.G. 9676
Kochmann, H. *see* Keming Du 35940
Kochnev, I.V. *see* Garbuzov, D.Z. 35827
Kochnev, I.V. *see* Sobolev, M.M. 43822
Kocho, K. Multimedia networking. Roadblocks and solutions 37435
Kocho, K. Adding multimedia to your network: can it be done? 45632
Kochtanek, T.R. Education for telecommunications: fundamentals for navigating the resources of the Internet 30451
Koci, J. Power and control systems of power system telecontrol (HDO) transmitters 32331
Kociszewska-Szczerbik, M. *see* Januszewski, S. 8612
Kock, A., Gmachl, C., Gornik, E., Rosenberger, M., Thanner, C., Korte, L. A novel surface emitting GaAs/AlGaAs laser diode beam steering device based on surface mode emission 35770
Kock, A., Rosenberger, M., Gmachl, C., Gornik, E., Thanner, C., Korte, L. A novel surface emitting GaAs/AlGaAs laser diode beam steering device based on surface mode emission 35829
Kock, A., Seeberg, A., Rosenberger, M., Gmachl, C., Gornik, E., Thanner, C., Korte, L. Novel surface emitting GaAs/AlGaAs laser diodes based on surface mode emission 3587
Kock, A. *see* Gmachl, C. 35863
Kock, A. *see* Rosenberger, M. 35866
Kock, J.A.de *see* de Kock, J.A.
Kock, L.de *see* de Kock, L.
Kocka, J., Juska, G., Klima, O., Sipek, E., Nobile, G., Terzini, E., Conte, G. Demonstration of space-charge-limited time of flight as a new tool for characterization of real a-Si:H solar cells 40482
Kocka, J. *see* Juska, G. 28603
Kocka, J. *see* Juska, G. 42440
Kocon, S. *see* Churoux, P. 11752
Kocot, A., Wrzalik, R., Vij, J.K. Pyroelectric and electro-optical effects in the SmC* phase of a polysiloxane liquid crystal 28526
Kocsis, F. *see* Baudron, J. 22419
Kocsis, M.K. Measurement of peripheral damage caused by scratches on silicon wafers 2170
Koczara, W., Bialoskorski, P. Single-phase two-level controlled rectifier with power factor equal to unity 8511
Koczara, W., Bialoskorski, P. Controllability of the simple three phase rectifier operating with unity power factor 8597
Koczara, W., Bialoskorski, P. Multilevel boost rectifiers as a unity power factor supply for power electronics drive and for battery charger 17083
Koda, H. *see* Tohne, T. 29980
Koda, R. *see* Vyne, R.L. 9995
Koda, S. *see* Okada, F. 20742
Koda, Y., Ruskey, F. A gray code for the ideals of a forest poset 490
Kodachi, N. *see* Kohno, M. 2349
Kodaira, J. *see* Yasui, Y. 6977
Kodaira, M., Awaji, N., Kishimoto, T., Asai, O., Haraguchi, M. Performance of SORTEC 1-GeV synchrotron radiation source facility and future plan 7123
Kodaira, M. *see* Awaji, N. 15371
Kodaira, Y. Surface-mount technology opens up new avenues in switch markets 27337
Kodake, T. *see* Kawamoto, S. 23718
Kodama, H., Hieda, I., Kuchinomachi, Y., Takeichi, H., Matsumoto, H. Non-invasive ultrasonic urination sensor for ambulatory patient support 39015
Kodama, I. *see* Yamamoto, H. 2786
Kodama, K. *see* Endo, M. 12011
Kodama, K. *see* Ishiyama, H. 15698
Kodama, K. *see* Takizawa, K. 43552
Kodama, M. Low temperature thermal cleaning of GaSb surface and fabrication of near ideal Au-GaSb Schottky diode 28074
Kodama, M. Molecular beam epitaxy of $In_{0.23}Ga_{0.77}Sb$ grown on GaAs and GaSb substrates and the fabrication of planar $In_{0.23}Ga_{0.77}Sb$ transferred electron devices 33633
Kodama, M. Influence of Ga droplets and related morphological defects on the MBE-GaSb film and GaSb p-n diode characteristics 33658
Kodama, M. Defect evaluation and electrical characteristics of GaSb and $In_{0.17}Ga_{0.83}Sb$ films grown by molecular beam epitaxy 34508
Kodama, M., Kuninaka, M. Frequency characteristics of the radiation boundary condition in finite-difference time-domain method and its improvement 36109
Kodama, N., Fukke, H., Katsumoto, M., Akagi, M., Uesaka, Y. Fabrication and properties of ultra-thin coated film for high density magnetic recording barium ferrite particulate media 43303
Kodama, N., Fukke, H., Uesaka, Y., Katsumoto, M. Agglomerates and media-noise of ultra-thin coated rigid disks 20147
Kodama, N., Inoue, H., Fukke, H., Uesaka, Y., Katsumoto, M. Effects of particle size on read/write properties of Ba ferrite and C-γFe_2O_3 coated media 2802
Kodama, R., Funanokawa, W., Wada, M., Shiraishi, K., Tokeshi, K. Local area information management system 14351
Kodama, R. *see* Tsunemi, H. 11939
Kodama, S. *see* Hayashi, G. 35498
Kodama, S. *see* Lee, D.-I. 14123
Kodama, S. *see* Maeda, H. 21856
Kodama, S. *see* Nishimura, T. 26298
Kodama, S. *see* Takahashi, H. 15675
Kodama, T., Fukuda, T. Customer premises networks of the future 45637
Kodama, T., Yamamoto, Y. Sensorless vector-control inverter, THYFREC-VT201S 17040
Kodama, T. *see* Esaki, H. 37077
Kodama, Y., Romagnoli, M., Wabnitz, S. Stabilisation of optical solitons by an acousto-optic modulator and filter 35967
Kodama, Y., Romagnoli, M., Wabnitz, S., Midrio, M. Role of third-order dispersion on soliton instabilities and interactions in optical fibers 28467
Kodama, Y., Wabnitz, S. Analysis of soliton stability and interactions with sliding filters 30829
Kodas, A.J.T.T. *see* Droes, S.R. 27688
Kodas, T.T. *see* Farkas, J. 34795
Kodas, T.T. *see* Hampden-Smith, M.J. 19640
Kodas, T.T. *see* Jain, A. 19653
Kodas, T.T. *see* Jain, A. 19661
Kodas, T.T. *see* Jain, A. 27800
Kodas, T.T. *see* Jain, A. 34796
Kodate, K., Abe, M., Kariya, M., Kamiya, T. Multiple beam generator using zone plate array considering intensity distribution of Gaussian beam 11882
Koden, M., Shiomi, M., Tamai, K., Wada, T., Sakaguchi, K., Shiomi, Y. Ferroelectric liquid-crystal mixtures containing new chiral γ-lactone compounds 11701
Kodera, H. *see* Kirihara, T. 45994
Kodera, M. *see* Nakata, S. 15352
Kodera, S. *see* Suzuki, H. 33349
Kodera, Y. *see* Ninomiya, T. 8640
Kodis, M.A. *see* Freund, H.P. 1809
Kodis, M.A. *see* Freund, H.P. 34481
Kodymova, J. *see* Schmiedberger, J. 12008
Kodymova, J. *see* Schmiedberger, J. 35669
Koeberer, G. *see* Herchenbach, H. 33171
Koechlin, F. *see* Vallet, C. 15513
Koegel, J.F. On the design of multimedia interchange formats 5328
Koegler, G. *see* Mirau, P.A. 35100
Koehler, A. *see* Suter, J.J. 23840
Koehler, J.A. *see* Kustov, A.V. 39385
Koehler, K. *see* Persch, G. 28367

Koehler, U. *see* Hoge, D. 48340
Koek, B., Jennings, B., Grant, R. Patterning issues of 256 MB dynamic random access memory X-ray masks 27974
Koek, B. *see* Weber, J.-P. 38077
Koek, B.H., Chisholm, T., Davey, J.P., Romijn, J., Run, A.J.v. A Schottky-emitter electron source for wide range lithography applications 27867
Koek, B.H., Chisholm, T., van Run, A.J., Romijn, J., Davey, J.P. An electron beam lithography tool with a Schottky emitter for wide range applications 28002
Koelen, B.van *see* van Koelen, B.
Koelle, D., Miklich, A.H., Dantsker, E., Ludwig, F., Nemeth, D.T., Clarke, J., Ruby, W., Char, K. High performance DC SQUID magnetometers with single layer $YBa_2Cu_3O_{7-x}$ flux transformers 28416
Koelle, D., Miklich, A.H., Ludwig, F., Dantsker, E., Nemeth, D.T., Clarke, J. DC SQUID magnetometers from single layers of $YBa_2Cu_3O_{7-x}$ 6455
Koelsch, R. *see* Borland, J.O. 27664
Koenderink, J.J. *see* Florack, L.M.J. 13497
Koene, B. *see* Adam, W. 7259
Koene, B. *see* Adam, W. 31715
Koene, B. *see* Adam, W. 46929
Koenemann, B., Barlow, J., Chang, P., Gabrielson, R., Goertz, C., Keller, B., McCauley, K., Tischer, J., Iyengar, V., Rosen, B., Williams, T. Delay test: the next frontier for LSSD test systems 1186
Koenemann, B. *see* Aizenbud, Y. 1120
Koenig, C. The legal regime governing the exploitation of natural resources on the Moon 32532
Koenig, H. *see* Petrenko, A. 30229
Koenig, J.M. *see* Mens, A. 6596
Koenig, U. *see* Erben, U. 42209
Koep, D. UG cable fault locating tips and techniques 39677
Koepfler, G. *see* Rudin, L. 45176
Koepke, K.P. Status of the Tevatron low beta and separator projects 15376
Koepke, P., Thomas, W. Energy balance of solar power plants: results of a one-dimensional model 47808
Koerkamp, H.M.M.K. *see* Hoekstra, H.J.W.M. 3102
Koerkamp, M.M.Klein *see* Klein Koerkamp, M.M.
Koerner, H., Erb, H.P., Melzner, H. Evaluation of Ti and TiN thicknesses for tungsten plug contact metallization 19625
Koessler, R.J., Feltes, J.W. Time-domain simulation investigates voltage collapse 7720
Koester, S., Bolognesi, C.R., Hu, E.L., Kroemer, H., Rooks, M.J. Quantized conductance in an InAs/AlSb split-gate ballistic constriction with 1.0 μm channel length 42526
Koester, S.J., Bolognesi, C.R., Hu, E.L., Kroemer, H., Rooks, M.J., Snider, G.L. Design and analysis of InAs/AlSb ballistic constrictions for high temperature operation and low gate leakage 27546
Koetke, J. *see* Brede, R. 12039
Koets, E., Kruit, P., Chisholm, T. Optimum switching time for a beam-size switch (250 nm⟺1000 nm) in a vector scan electron beam lithography machine 28001
Koetter, L. *see* Fiebich, M. 15803
Koezuka, H. *see* Fuchigami, H. 2531
Koezuka, H. *see* Fujino, T. 27955
Koezuka, H. *see* Kumada, T. 11048
Koezuka, T., Suto, Y., Ando, M. I/O pin solder point inspection system 431
Koffend, J.B. *see* Bouvier, A.J. 12013
Koffers, K. *see* Pohlmann, W. 14635
Kofman, D. Blocking probability, throughput and waiting time in finite capacity polling systems 9389
Kofstad, P. *see* Petrov, A.N. 17270
Kofstad, P. *see* Sutija, D.P. 17366
Koga, H., Arimoto, S. Asymptotic optimality of modified spherical codes with scalar quantization of gain for memoryless Gaussian sources 21595
Koga, H. *see* Kuwabara, T. 11583
Koga, J., Tajima, T., Machida, S. Three dimensional δf simulations of beams in the SSC 46753
Koga, J.K., Tajima, T. Particle diffusion from the beam-beam interaction in synchrotron colliders 46794
Koga, K., Itoh, T., Kusumoto, S., Araki, K., Yasui, J., Takeuchi, H., Aoki, S. Improvement of heterodyne alignment technique for X-ray steppers 27895
Koga, K., Ueda, R., Sonoda, T., Minari, Y. Open loop control of synchronous motor using inverters 16805
Koga, K. *see* Higaki, N. 34086
Koga, K. *see* Nakajima, K. 23824
Koga, K. *see* Nomura, A. 22152
Koga, K. *see* Tsubakiyama, H. 29457
Koga, K. *see* Tsubakiyama, H. 29458
Koga, M., Suzuki, T., Kohchi, A., Komine, K. Surface-mount techniques for crystal-applied devices 26183
Koga, M. *see* Aisawa, S. 45954
Koga, R., Pinkerton, S.D., Lie, T.J., Crawford, K.B. Single-word multiple-bit upsets in static random access devices 34072
Koga, R., Pinkerton, S.D., Moss, S.C., Mayer, D.C., LaLumondiere, S., Hansel, S.J., Crawford, K.B., Crain, W.R. Observation of single event upsets in analog microcircuits 33915
Koga, T., Shinagawa, M., Hasako, S. Synthesis of Lienard's equations having more than one periodic solution 1097
Koga, T. *see* Niwa, T. 39120
Koga, T. *see* Oyama, J. 17017
Koga, T. *see* Oyama, J. 25537
Koga, T. *see* Shibuya, T. 30948
Koga, T. *see* Suhara, Y. 1325
Kogami, Y. *see* Kobayashi, Y. 31407
Kogan, F.L. *see* Barinov, V.A. 16127
Kogan, F.L. *see* Barinov, V.A. 39535
Kogan, L.K. *see* Gorkunov, E.S. 41508
Kogan, L.Kh. *see* Gorkunov, E.S. 41526
Kogan, V.A., Ulanov, I.M. Investigation of the prospect for the design of transformer-type plasmatrons 25847
Kogan, V.I., Jones, T.L. An explanation for the decline in URD cable failures and associated nonhomogeneous Poisson process 47528
Kogan, V.Z. Information quality and the universe of infologemes: fragments of a theory 44645
Koganezawa, K. Fast Householder QR decomposition 9372
Koganezawa, N. *see* Aida, T. 19284
Kogetsu, Y. *see* Kobayashi, H. 8752
Kogetsu, Y. *see* Kobayashi, H. 46534
Kogiku, I. *see* Noguchi, K. 30288
Koglin, E., Harnau, V. On-line load optimisation in electricity supply 47374
Koguchi, H. *see* Ihara, I. 9823
Koguchi, M. *see* Hiruma, K. 18150
Koguchi, M. *see* Okuno, Y. 41371
Koguchi, M. *see* Yazawa, M. 18158
Koguchi, N., Ishige, K., Takahashi, S. Growth of GaAs epitaxial microcrystals on a S-terminated GaAs(001) by VLS mechanism in MBE 9667
Koguchi, N. *see* Chikyow, T. 9603
Koguchi, N. *see* Chikyow, T. 26422
Kogure, M., Futatsuki, T., Takano, J., Isagawa, T., Kimura, K., Ogata, Y., Tanaka, F., Ohmi, T. Influence of organic impurities in hydrogen peroxide for advanced wet chemical processing 2164
Kogure, T. *see* Chong Siew Tan 14787
Koh, H.C. *see* Ngan, K.N. 23308
Koh, S. *see* Ganapathiraman, R. 2242
Koh, S.N. *see* Er, M.H. 29357
Koh, S.W. *see* Perez, R.A. 9213
Koh, Y.B. *see* Han, W.S. 28032
Koh Sugoong *see* Sugoong Koh
Koh Young-Bum *see* Young-Bum Koh
Koh-ichi Mochiki *see* Takahashi, H. 38994
Kohama, T. *see* Ninomiya, T. 8640
Kohan, T. *see* Hasegawa, T. 7789
Kohara, M. *see* Gofuku, E. 19247
Kohara, T. *see* Asahi, H. 33599
Kohara, T. *see* Choi, H. 1139
Kohara, T. *see* Choi, H. 18618
Kohara, T. *see* Sato, K. 33409
Koharagi, H., Tahara, K., Etoo, T., Saitoo, Y., Takahashi, N. Verification of commutation spark reduction for brushes of large DC motors 25459
Koharagi, H., Tahara, K., Nitobe, M., Etoo, T., Suzuki, N., Takahashi, N. An analysis and design of diverterless DC motors 8433
Kohari, K., Saito, T., Kawakami, H. On a hysteresis oscillator including periodic thresholds 26672
Kohashi, Y. *see* Yamane, S. 9040
Kohata, M. *see* Peng, F.Z. 7697
Kohaupt, R.-D. Multi-bunch instabilities: observations, cures 6985
Kohazi-Kis, A. *see* Farkas, G. 10611
Kohchi, A. *see* Koga, M. 26183
Kohda, H., Wada, K. A new model for carbon doping in GaAs-effect of the methyl radical 42648
Kohda, M. A study of modifying pruning strategies for DP beam search at a preset input frame 12983
Kohda, M. *see* Kido, J. 35569
Kohda, S. *see* Shirai, S. 5674
Kohda, T., Tsuneda, A. Pseudonoise sequences by chaotic nonlinear maps and their correlation properties 4405
Kohiki, S., Nishitani, M., Wada, T. Enhanced electrical conductivity of zinc oxide thin films by ion implantation of gallium, aluminum, and boron atoms 34504
Kohiyama, K. *see* Otobe, Y. 14794
Kohl, A., Juillaguet, S., Fraisse, B., Schwedler, R., Royo, F., Peyre, H., Bruggeman, F., Wolter, K., Leo, K., Kurz, H., Camassel, J. Growth and characterization of $In_{0.53}Ga_{0.47}As/In_xGa_{1-x}As$ strained-layer superlattices 9643
Kohl, A. *see* Averin, S.V. 46424
Kohl, A. *see* Finders, J. 9634
Kohl, A. *see* Kusters, A.M. 35021
Kohl, A. *see* MacLeod, R.W. 19393
Kohl, A. *see* Shi Changxin 31213
Kohl, C. *see* Ranmuthu, I.W. 11506
Kohl, D. Elements and arrays for gas mixtures 23748
Kohl, D. *see* Zalar, A. 10991
Kohl, P. *see* Laursen, K. 6738
Kohl, P.A. *see* Cloud, T.A. 9304
Kohl, P.A. *see* Cloud, T.A. 17899
Kohl, P.A. *see* Harris, D. 8732
Kohl, P.A. *see* Propst, E.K. 19556
Kohl, P.A. *see* Propst, E.K. 42734
Kohl, R., Eggers, G. PAMELA—linearized solid state power amplifier at Ku-band frequency 29361
Kohlberg, I., Elliot, P., Patrick, E., Waltermyer, T., Hadlock, D., Szerszen, P. Electromagnetic shielding for large unbounded radiators 44442
Kohlberg, I. *see* Hadlock, D. 39116
Kohle, S., Knoop, M., Lichterbeck, R. Arc reactances in three-phase electric-arc furnaces 17607
Kohle, S. *see* Josefowitz, W. 48270
Kohlenbach, U. Effective moduli from ineffective uniqueness proofs. An unwinding of de La Vallee Poussin's proof for Chebycheff approximation 585
Kohler, B., Bernet, S., Renn, A., Wild, U.P. Storage of 2000 holograms in a photochemical hole-burning system 21125
Kohler, C. *see* Reimer, K. 28005
Kohler, D. *see* Samoc, A. 12355
Kohler, F. *see* Huss, H. 29657
Kohler, J.L. *see* Sottile, J., Jr. 32859
Kohler, J.L. *see* Trutt, F.C. 47868
Kohler, K. *see* Braunstein, J. 19142
Kohler, K. *see* Braunstein, J. 27263
Kohler, K. *see* Bronner, W. 20585
Kohler, K. *see* Fernandez de Avila, S. 34668
Kohler, K. *see* Hornung, J. 3380
Kohler, K. *see* Hulsmann, A. 27315
Kohler, K. *see* Klingenstein, M. 31224
Kohler, K. *see* Thiede, A. 27025
Kohler, K. *see* Thiede, A. 33996
Kohler, K. *see* Waschke, C. 44119
Kohler, R. *see* Jenichen, B. 9538
Kohler, U., Andersohn, L., Dahlheimer, B. Time-resolved observation of CVD-growth of silicon on Si(111) with STM 9612
Kohler, U. *see* Horn-von Hoegen, M. 33648
Kohler, U. *see* Pietsch, G.J. 34756
Kohler, U. *see* Pietsch, G.J. 42667
Kohler, W., Dischinger, T., Scharli, U. Measurement of fast transients in HV substations and their effects on secondary equipment 48025
Kohlmann-von Platen, K.T., Chlebek, J., Weiss, M., Reimer, K., Oertel, H., Brunger, W.H. Resolution limits in electron-beam induced tungsten deposition 26508
Kohlmyer, S.G. *see* Lewellen, T.K. 15738
Kohlrusch, J. *see* Janocha, H. 31480
Kohlstedt, H. *see* Schneider, J. 2887
Kohma, K. DCC (Digital Compact Cassette) 31080
Kohmoto, O., Alexander, C., Jr. Magnetic anisotropy of metal-evaporated tapes 28377
Kohmoto, S., Ide, Y., Sugimoto, Y., Asakawa, K. GaAs surface cleaning/etching using plasma-dissociated Cl radical 19587
Kohmoto, S. *see* Yoshikawa, T. 3608
Kohn, E., Hadaller, G.I. Fuel testing to simulate a Darlington channel and fuel damage 8082
Kohn, G. Staudinger 5—design and experience of commissioning and initial operation 32626
Kohn, L., Smith, B., Harrer, H., Nossek, J.A. A flexible PC-controlled analog/digital test set for CNNs 1365
Kohn, K.Von *see* Von Kohn, K.
Kohn, M.M. *see* Horwitz, A.E. 24173
Kohn, M.M. *see* Schneider, K. 24171
Kohn, O. *see* Bernhardt, A. 28443
Kohn, O. *see* Fabian, H. 3029
Kohn, O. *see* Henschel, H. 2960
Kohn, O. *see* Henschel, H. 3001
Kohn, O. *see* Henschel, H. 3138
Kohn, O. *see* Henschel, H. 35376
Kohn, S. *see* Grunwald, A.J. 39255
Kohne, H. Mobilisation: four ICs mobilise the last reserves of quality of the television picture 6192
Kohnle, A., Neuwirth, R., Schuberth, W., Stein, K., Hohn, D.H., Gabler, R., Hofmann, L., Euing, W. Evaluation of essential design criteria for IRST systems 32153
Kohno, A. *see* Sameshima, T. 34950
Kohno, A. *see* Sekiya, M. 42975
Kohno, J. *see* Morita, H. 15908
Kohno, K. *see* Takahashi, N.S. 43655
Kohno, M., Kodachi, N., Yajima, K., Miura, S. Subhalf micron stepper with a reticle particle monitor 2349
Kohno, M. *see* Mochizuki, M. 1573
Kohno, M. *see* Ogata, T. 17229
Kohno, M. *see* Sakai, T. 6712
Kohno, R., Wang, H., Imai, H. Adaptive array antenna combined with tapped delay line using processing gain for spread-spectrum CDMA systems 37711
Kohno, R. *see* He, Y. 22060
Kohno, R. *see* Hefeng Wang 30599
Kohno, R. *see* Hoshikuki, A. 5730
Kohno, R. *see* Mabuchi, T. 4407
Kohno, R. *see* Saito, H. 4455
Kohno, R. *see* Yim, C. 44618

Kohno, R. *see* Yoon, Y.C. 5714
Kohno, T. *see* Furuta, A. 10416
Kohno, T. *see* Kanazawa, M. 6908
Kohno, T. *see* Matsuzaka, T. 27872
Kohno, T. *see* Ohta, H. 27877
Kohno, Y., Hayashi, Y., Iwamoto, S. An application of the mapping theorem and Kharitonov theorem to dynamical stability analysis 24640
Kohno, Y. *see* Ida, M. 7122
Kohno, Y. *see* Suemasu, T. 28086
Kohonen, T. *see* Mantysalo, J. 44773
Kohriki, T. *see* Ohsugi, T. 46838
Kohriki, T. *see* Ohsugi, T. 46839
Kohtala, E., Koivuranta, K. A program operating in a workstation environment for LV and MV network design 24879
Kohtoku, M. *see* Kawano, K. 35458
Kohya, K. *see* Hisanaga, K. 14346
Kohya, Y. *see* Tsuji, H. 28422
Kohzen, A. *see* Akahori, Y. 35625
Kohzen, A. *see* Akahori, Y. 35640
Kohzen, A. *see* Akahori, Y. 37979
Koicki, S. *see* Neskovic, N. 15583
Koide, A., Kobayashi, M. 6.6 kV gas insulating transformer unit 25613
Koide, H. *see* Yoshida, T. 17281
Koide, M. *see* Sugawara, A. 1394
Koide, T., Wakabayashi, S., Yoshida, N. An optimal channel pin assignment algorithm for hierarchical building-block layout design 19955
Koide, Y. *see* Kikuchi, S. 23720
Koidl, P. *see* Bender, G. 10691
Koidl, P. *see* Schneider, H. 6484
Koidl, P. *see* Wagner, J. 9646
Koike, A. *see* Hoshino, K. 2895
Koike, H. Phone based interface 22477
Koike, M. *see* Rajendran, V. 6482
Koike, N., Yanagisawa, T. Verification of the possibility of separation of sound source direction by using a pair of pressure microphones 38762
Koike, S. *see* Fukunaga, C. 46852
Koike, S. *see* Saitoh, Y. 7254
Koike, S. *see* Saitoh, Y. 46854
Koike, S. *see* Sandoh, H. 22295
Koike, S. *see* Shinozaki, K. 16742
Koike, S. *see* Takahara, H. 3372
Koike, T. Properties of reverberant transfer functions and source waveform recovery 4759
Koike, T., Miyahara, M. Analysis of spatially-weighted MSW transducers 2858
Koike, T. *see* Kusaka, T. 26966
Koike, T. *see* Tachieda, H. 45688
Koike, Y., Kawato, M. Trajectory formation from surface EMG signals using a neural network model 39044
Koike, Y., Tagaya, A., Nihei, E., Teramoto, S., Yamamoto, T., Fujii, K., Sasaki, K. High-efficiency polymer optical fiber amplifier 3496
Koike, Y. *see* Ishigure, T. 3050
Koike, Y. *see* Yamamoto, T. 28757
Koikov, S.N. *see* Borisova, M.E. 10530
Koilpillai, R.D., Chennakeshu, S., Toy, R.L. Equalizer performance with diversity for U.S. digital cellular 37792
Koilpillai, R.D. *see* Nguyen, T.Q. 13350
Koinuma, H. *see* Kawasaki, M. 27456
Koinuma, H. *see* Takano, A. 41419
Koinuma, T. Broadband network services 45418
Koinuma, T., Takahashi, T. ATM node system technologies - providing high-speed data and multi-media communication services 37661
Koishi, K. *see* Sanada, M. 43106
Koistinen, O., Valmu, H., Raisanen, A., Vdovin, V., Dryagin, Y., Lapkin, I. A 110 GHz ozone radiometer with a cryogenically cooled planar Schottky mixer 7598
Koistinen, O.P., Valmu, H.T., Raisanen, A., Vdovin, V.F., Dryagin, Y.A., Lapkin, I.V. A 110 GHz ozone radiometer with a cryogenic planar Schottky mixer 47271
Koivisto, P.K., Tretyakov, S.A., Oksanen, M.I. Waveguides filled with general biisotropic media 4230
Koivisto, P.K. *see* Tretyakov, S.A. 4242
Koivuranta, K. *see* Kohtala, E. 24879
Koiwa, I., Nakai, K., Higemoto, N., Sawai, H. Application of calcium lanthanum chromite cathode for DC-type monocolor plasma display panel (PDP) 1817
Koiwa, I., Saurai, H. A study on binder of thick-film cathode for DC-type plasma display panel 23832
Koiwa, K. *see* Ide, T. 19186
Koizumi, H. *see* Nagata, S. 34271
Koizumi, H. *see* Sasaki, I. 30815
Koizumi, H. *see* Yoshimi, M. 39680
Koizumi, K. *see* Tsuji, H. 28422
Koizumi, N., Kushiro, N., Igarashi, K. The super-MELSAVE: a new office lighting system 8979
Koizumi, N., Okuno, K., Takahashi, Y., Tsuji, H., Nishi, M., Yoshida, K., Sugimoto, M., Isono, T., Sasaki, T., Hiue, H., Yasukawa, Y., Hosono, F., Sasaki, T., Wadayama, Y., Tsukamoto, H., Shimamoto, S. Experimental results on instability caused by non-uniform current distribution in the 30 kA NbTi Demo Poloidal Coil (DPC-U) conductor 20227
Koizumi, N. *see* Murata, Y. 35149
Koizumi, N. *see* Tsuji, H. 28422
Koizumi, O. *see* Yamamura, H. 48322
Koizumi, T., Saito, S. Small-amplitude bus drive and signal transmission technology for high-speed memory-CPU bus systems 18840
Koizumi, T. *see* Kurebayashi, M. 14792
Koizumi, Y. *see* Maeda, S. 14424
Kojecky, B., Garaj, M. Influence of electron irradiation on silicon power diodes 1042
Kojecky, B. *see* Benda, V. 2507
Kojecky, B. *see* Benda, V. 11190
Kojima, A. *see* Kawamura, Y. 20163
Kojima, A. *see* Nishihara, H. 8959
Kojima, H., Iijima, Y., Kobayashi, H., Kanekiyo, T. Visual communication system in an apartment house using fiber optics 14606
Kojima, H., Kobayashi, H., Kanekiyo, T., Kawamura, K. Visual communication system in closed areas using an extended ISDN protocol 45644
Kojima, H. *see* Ando, A. 38832
Kojima, H. *see* Ito, H. 46164
Kojima, H. *see* Miyazaki, H. 42676
Kojima, H. *see* Tanaka, S. 27006
Kojima, K., Morgan, R.A., Mullaly, T., Guth, G.D., Focht, M.W., Leibenguth, R.E., Asom, M.T. Reduction of *p*-doped mirror electrical resistance of GaAs/AlGaAs vertical-cavity surface-emitting lasers by delta doping 3579
Kojima, K. *see* Catchmark, J.M. 12218
Kojima, K. *see* Morgan, R.A. 20829
Kojima, K. *see* Otsuka, T. 40358
Kojima, K. *see* Pan, Z.G. 12137
Kojima, K. *see* Shijun Jiang 35855
Kojima, K. *see* Shijun Jiang 35890
Kojima, K. *see* Suga, Y. 9031
Kojima, M., Hisatsune, M., Mizuno, H., Kitajima, H. Novel optical measurement method for precision cutting tools 31473
Kojima, M., Hisatune, M., Mizuno, H., Kitajima, H. Application of a fine-wire-reflection-mirror to high sensitive displacement sensor 14986
Kojima, M. *see* Kitajima, H. 15203
Kojima, M. *see* Kitajima, H. 38466
Kojima, N. *see* Ohsawa, H. 23317
Kojima, O. *see* Konma, N. 17112
Kojima, S., Kan, M., Yokoyama, S., Ueda, T. Evaluation of backflashover taking induced voltages by return stroke current into consideration 24994
Kojima, T. Circuit configuration 6177
Kojima, T., Fujimura, A., Miyake, M., Fujino, T., Yoshida, H., Yamagishi, A. Concatenated coding scheme with variable coding gain 21521
Kojima, T., Hayashi, H. 3D boundary-element method analysis of the light beam scattering from arbitrarily shaped pits on a conducting plane 12616
Kojima, T., Miyake, M., Fujino, T. Differential detection scheme for DPSK using phase sequence estimation 12824
Kojima, T. *see* Asahara, T. 14401
Kojima, T. *see* Morioka, Y. 16228
Kojima, Y., Izui, Y., Kyomoto, S., Goda, T. Voltage controller with recurrent neural networks 16177
Kojima, Y., Izui, Y., Kyomoto, S., Goda, T. Voltage and reactive power control using recurrent neural networks 16229
Kojima, Y., Mukai, H., Nakajima, K., Aizaki, N. Improved registration accuracy in E-beam direct writing lithography 27875
Kojima, Y. *see* Kinosita, N. 47346
Kojima, Y. *see* Nakajima, K. 27873
Kojima, Y. *see* Saitoh, N. 9699
Kojima, Y. *see* Sasaki, N. 6198
Kojovic, L. *see* Kezunovic, M. 47936
Kok, C.W., Chan, S.C., Leung, S.H. Image coding using DCT of wavelet coefficients 13659
Kok, C.W., Leung, S.H. The spectral theory of multirate filter banks 13347
Kok, C.W. *see* Chan, S.C. 14849
Kok, E. *see* Zondervan, A. 46867
Kok Kee Lim Decentralized control of underload-tap changer in power systems 7800
Kok Swang Tan, Hinberg, I. Temperature distribution beneath pediatric electrosurgical dispersive electrodes: a model study 47112
Kok-Guan Lim, Prager, R. Integrating visual modules—a Bayesian approach 22230
Kok-Hoo Yeap *see* Yachyang Sun 33812
Kokai, Y. *see* Morelato, A. 16225
Kokame, H. *see* Mori, T. 462
Kokar, M.M. Qualitative dynamics and fusion 21741
Kokar, M.M. *see* Korona, Z. 22231
Kokar, M.M. *see* Zavoleas, K.P. 21852
Kokaram, A., Rayner, P. An algorithm for line registration of TV images based on a 2-D AR model 13812
Kokarev, G.S. *see* Brainin, E.I. 41511
Kokavec, J. *see* Usak, P. 2922
Kokelj, P., Turk, I. Electrical simulation of heat field in electromagnetic devices 44257
Kokhanovski, S.A. *see* Zelenski, A.N. 31634
Kokhlov, G.I. *see* Andreyev, G.A. 44339
Kokkedee, J.A., Thier, C., Jansen, A.G.M. Discrete resistance fluctuations in pressure-type point contacts 1671
Kokkinakis, G. *see* Epitropakis, G. 13051
Kokkinakis, G. *see* Fakotakis, N. 13126
Kokkinakis, G. *see* Yiourgalis, N. 13050
Kokkinias, P. *see* Adam, W. 46929
Kokko, A. CYMIC—an easier way of CFB combustion 8171
Kokkos, A., Popplewell, A., O'Reilly, J.J. A power efficient coding scheme for low-frequency spectral suppression 21620
Kokorin, A.M. *see* Dolinsky, A.V. 15287
Kokorin, A.M. *see* Dolinsky, A.V. 15677
Kokornaczyk, E. A four quadrant motor driver 40338
Kokoulin, M.A. *see* Babayan, G.E. 20183
Kokozinski, R., Hosticka, B.J., Klinke, R. Rule-based adaptive configuration selection for analog design systems 43039
Koktavy, B., Sikula, J., Vasina, P. Current fluctuations in a M-I-M system 19478
Kokubo, K. *see* Mori, K. 6252
Kokubo, T. *see* Honda, K. 11064
Kokubo, T. *see* Jeffries, A.T., III 11068
Kokubo, Y. *see* Agui, T. 13751
Kokubu, T. *see* Tamba, N. 34046
Kokubun, K., Ichimura, S., Sekine, S., Shimizu, H. Measurement of extreme-high-vacuum pressure by laser ionization 6848
Kokubun, T. *see* Kashima, N. 37643
Kokubun, Y., Asakawa, S. ARROW-type polarizer utilizing form birefringence in multilayer first cladding 43480
Kokubun, Y., Funato, N., Takizawa, M. Athermal waveguides for temperature-independent lightwave devices 45963
Kokubun, Y., Takizawa, M., Taga, S. Three-dimensional athermal waveguide for narrow-band optical filters 35552
Kokubun, Y. *see* Katsumata, M. 30355
Kokumai, M. *see* Okazaki, K. 25713
Kokusenya, N. *see* Itakura, K. 38565
Kola, R.R., Celler, G.K., Harriott, L.R. Roughness effects during focused ion beam repair of X-ray masks with polycrystalline tungsten absorbers 11105
Kola, R.R. *see* Cummings, K.D. 27973
Kola, R.R. *see* Fang, C.C. 27984
Kola, R.R. *see* Farrow, R.C. 27894
Kola, R.R. *see* Harriott, L.R. 2313
Kola, R.R. *see* Mixon, D.A. 27966
Kola, R.R. *see* Ross, F.M. 34912
Kolar, D. *see* Hrovat, M. 882
Kolar, D. *see* Hrovat, M. 883
Kolar, D. *see* Hrovat, M. 35255
Kolar, D. *see* Valant, M. 9805
Kolar, J.W., Ertl, H., Zach, F.C. Analysis and design of a new three-phase power conditioner providing sinusoidal input currents and multiple isolated DC outputs 32926
Kolar, J.W., Ertl, H., Zach, F.C. Approximate determination of the current RMS value of the DC link capacitor of single-phase and three-phase PWM converter systems 40339
Kolarik, T. Cooperative computing in loosely-coupled distributed systems 37447
Kolata, J.J. *see* Hitachi, A. 38882
Kolatchevsky, N.N. *see* Kolatchevsky, V.V. 11466
Kolatchevsky, V.V., Kolatchevsky, N.N. Magnetic noise in samples with rectangular hysteresis loop 11466
Kolawa, E., Sun, X., Reid, J.S., Chen, J.S., Nicolet, M.-A., Ruiz, R. Amorphous $W_{40}Re_{40}B_{20}$ diffusion barriers for ⟨Si⟩/Al and ⟨Si⟩/Cu metallizations 10998
Kolawa, E. *see* Chen, J.S. 27570
Kolawa, E. *see* Reid, J.S. 11000
Kolb, J.A. Leading engineering teams: leader behaviors related to team performance 40843
Kolb, V.H.L. The significance of the cogeneration industry from an energy and environmental viewpoint 47736
Kolbas, R.M. *see* Hwang, Y. 3643
Kolbas, R.M. *see* Mishra, U.K. 743
Kolbas, R.M. *see* Steckl, A.J. 2076
Kolbas, R.M. *see* Steckl, A.J. 10819
Kolbas, R.M. *see* Yin, L.-W. 35017
Kolbas, R.M. *see* Zhang, D. 20544
Kolbesen, B. *see* Bergholz, W. 2642
Kolbesen, B.O. Defect aspects of advanced device technologies 11110
Kolbesen, B.O., Cerva, H., Gelsdorf, F., Zoth, G., Bergholz, W. Process-induced defects in silicon VLSI technology 2002
Kolbesen, B.O., Dellith, M., Booker, R., Cerva, H., Gelsdorf, F., Bergholz, W. Process-induced defects in silicon technology 19929
Kol'Chenko, L.A. *see* Abramov, A.A. 11609
Kolchina, G.P. *see* Milvidskaya, A.G. 27485
Koldehoff, A. *see* Rein, H.-M. 11182
Kolechitskii, Ye.S., Moiseyev, V.N., Plis, A.I., Plis, V.I. Electromagnetic fields created by current pulses 36096
Kolechitsky, E.S., Plis, A.I., Plis, V.I., Moiseev, V.N., Burmistrov, M.M. Method of preset currents for prediction of electromagnetic fields 21167
Koleli, F. *see* Turut, A. 10730
Kolen, A., Pesch, E. Genetic local search in combinatorial optimization 33495
Kolenbrander, K.D. *see* Chiu, L.A. 41461
Kolenbrander, K.D. *see* Werwa, E. 41462
Kolentsov, K. *see* Beshkov, G. 33671
Koles, Z.J. *see* Soong, A.C.K. 31913
Kolesar, E.S., Jr. *see* Lyke, J.C., Jr. 17909

Kolesar, P.J. The relevance of research on statistical process control to the total quality movement 26222
Koleske, D.D., Gates, S.M. Surface morphology of Si on Si(100) grown below 500 °C using H/Cl exchange chemistry 701
Koleske, D.D., Gates, S.M. Atomic layer epitaxy of Si on Ge(100) using Si_2Cl_6 and atomic hydrogen 33593
Koleski, J. *see* Balis, U.J. 39062
Kolesnichenko, Yu.V. *see* Espinosa-Ortiz, N. 44499
Kolesnik, E.S. *see* Zakhozhii, V.O. 31122
Kolesnikov, A.I. *see* Potapov, A.A. 47227
Kolesnikov, A.N. *see* Efimov, V.M. 37005
Kolesnikov, E.B. *see* Babokin, G.I. 8918
Kolesnikov, E.B. *see* Babokin, G.I. 9067
Kolesnitsky, O.K. *see* Kozshemjako, V.P. 11767
Kolesov, S. *see* Kaparkov, D. 27128
Kolev, E. *see* Diaz, J. 43923
Kolev, E. *see* Mobarhan, K. 12213
Kolias, J.T. *see* Heck, H.L. 403
Kolias, N.J., Compton, R.C. A microstrip-based unit cell for quasi-optical amplifier arrays 1561
Koliopoulos, P. *see* Stefanou, G.D. 26344
Kolitsi, Z., Messaris, G., Panayiotakis, G., Pallikarakis, N. A modular phantom for digital tomosynthesis X ray units 24180
Koljonen, T. A feature-rich Pan-European paging service 14478
Kollakowski, S. *see* Schade, U. 38515
Kollar, I., Rolain, Y. Complex correction of data acquisition channels using FIR equalizer filters 23468
Kollar, I. *see* Daboczi, T. 13258
Kollar, I. *see* Rahim, A.A. 4689
Kollar, L. *see* Ki-Soo Kim 15054
Kollberg, E. *see* Ekstrom, H. 27237
Kollberg, E. *see* Vendik, O. 11531
Kollberg, E. *see* Zirath, H. 27274
Kollberg, E.L. *see* Acharya, P.R. 36398
Kollenburg, P.A.M.van *see* van Kollenburg, P.A.M.
Koller, D., Martin, M.C., Stephens, P.W., Mihaly, L. A chamber for the in-situ IR measurement of C_{60} thin films while doping with alkali metals 43342
Koller, G.G. *see* Rawlins, G.S. 37699
Koller, R.D., Wilamowski, B.M. A ladder prototype synthesis algorithm 10261
Koller, T. *see* Gerig, G. 39021
Kollers, G. Procedure to optimize the effectiveness of man-made smoke screens for fixed installations 47333
Kollias, S., Sukissian, L. Adaptive segmentation of textured images using linear prediction and neural networks 4895
Kollias, S. *see* Delopoulos, A. 13785
Kollias, S. *see* Sukissian, L. 45147
Kollmann, M. *see* Bountis, T. 31593
Kollmeier, B., Peissig, J., Hohmann, V. Binaural noise-reduction hearing aid scheme with real-time processing in the frequency domain 24354
Kollmer, U. *see* Khare, J. 10176
Kolloros, F. Electrical equipment in the Koralpe power station 40050
Kolluri, S.V., Chandorkar, A.N., Dhaul, A. Indium doping of silicon using an evaporated indium film source 2030
Kolluru, M.S. *see* Feng, G.L. 44686
Kolluru, M.S. *see* Rao, T.R.N. 21516
Kolobkova, E.V. *see* Nikonorov, N.V. 20350
Kolobov, A.V. Photo-induced atomic processes in vitreous chalcogenides 28053
Kolobov, A.V. *see* Horton, J.H. 33749
Kolobov, N.A. *see* Panjukhin, A.V. 27676
Kolobov, V.M., Rushchapkin, W.A. Acoustic wave amplification under reflection at the surface of electrode placed in a seeded combustion gas [MHD generators] 25730
Kolobrodov, V.G. *see* Ivanov, V.V. 46512
Kolodieva, S.V. *see* Romanov, L.N. 20068
Kolodinski, S., Werner, J.H., Wittchen, T., Queisser, H.J. Quantum efficiencies exceeding unity due to impact ionization in silicon solar cells 8761
Kolodzey, J. *see* Laskar, J. 19071
Kolodziejczyk, K., Wolf, L. Spatial filtering application to image comparison 4951
Kolodziejski, L.A. *see* Coronado, C.A. 41337
Kolodziejski, L.A. *see* Ho, E. 9669
Kolodzy, P.J. Multidimensional automatic target recognition system evaluation 7685
Kolokol'tsev, V.M., Papshev, V.A., Stepin, A.V., Shuvaev, V.G. A force sensor based on strain-sensitive piezoelectric resonators 38453
Kolomensky, Al.A., Maznev, A.A. Laser-acoustic cleaning of mechanical microparticles from surfaces 24555
Kolomiets, A.M. *see* Bazarov, G.P. 25759
Kolomiets, A.M. *see* Bazarov, G.P. 48146
Kolomiets, A.M. *see* Zarubin, L.A. 16688
Kolomvas, A. *see* Petrou, M. 22011
Kolonko, J. *see* Abbott, B. 7245
Koloski, T.S. *see* Calvert, J.M. 2309
Koloski, T.S. *see* Calvert, J.M. 11036
Koloski, T.S. *see* Dulcey, C.S. 11089
Koloski, T.S. *see* Marrian, C.R.K. 19696
Koloski, T.S. *see* Suh, D. 27969
Kolosov, V.A. *see* Kindyak, A.S. 11502
Kolosova, E.V. *see* Glebovsky, V.G. 33717
Kolosovskaya, A.E. *see* Ziling, C.C. 28508
Kolotii, V.A. *see* Brainin, E.I. 41511
Kolotushkin, Yu.V. *see* Viktorov, E.A. 3534
Kolpakov, D.N. *see* Ivanov, Yu.V. 46042
Kolpatzik, B.W., Bouman, C. Color palette design for error diffusion 38629
Kolpatzik, B.W. *see* Flohr, T.J. 22086
Kolrep, H. Automation and representation in complex man-machine systems 39336
Kols, H. *see* Bengtsson, T. 2694
Kols, H. *see* Bergquist, H. 11379
Kols, M. *see* Marinko, J. 11385
Kolschbach, V., Trondle, H. Fiber optic guided underwater vehicles 6002
Kolseth, C.S. *see* Bostak, C.J. 17814
Kolson, D.J., Dutt, N., Nicolau, A. Ultra fine-grain template-driven synthesis 41943
Koltchanov, I. *see* Eichler, H.J. 12062
Koltick, D. Status of high rate—low occupancy scintillating fiber charged particle tracking 24085
Koltick, D. *see* Abbott, B. 7245
Koltick, D. *see* Abbott, B. 31776
Koltin, E., Eizenberg, M. Stable Schottky contacts to n-type GaAs produced by Ge rich Co-Ge metallization 1938
Kol'tsov, V.B. *see* Glazov, V.M. 34492
Kol'tsov, Yu.V. Multichannel shaper of sampling pulses 41722
Koltunowicz, W. *see* Colombo, E. 48020
Koltunowicz, W. *see* Colombo, E. 48021
Kolundzija, B.M., Popovic, B.D. General localised junction model in the analysis of wire-to-plate junctions 36351
Kolvisto, P. Polarization properties of plane waves in transversely bianisotropic uniaxial medium 21226
Kolvo, H.N. *see* Ralpala, J. 9358
Kolyadin, N.M., Kuroyedov, Yu.D., Polulyakh, Ye.P., Plotnikova, L.A., Spiridonov, A.V., Kharinov, M.I., Sukhov, I.V. Superconducting magnet systems for pulse power engineering 25853
Kolyadin, N.M. *see* Velikhov, Ye.P. 25755
Kolyadin, S.A. *see* Dmitriev, M.F. 44028
Kolycheva, L.I. *see* Razumovskii, V.V. 32070
Kolyer, J.M. Realistic testing of ESD materials 18328
Kolyshkin, A.A. *see* Derun, E.N. 40989
Kolzer, P. Iterative phase calibration procedure for planar phased array antennas 44614
Koma, A. *see* Abe, H. 9616
Komaba, N. *see* Ohno, S. 35590
Komaki, K. Domain structure and permeability of electrodeposited NiFe strip films 11485
Komaki, K. *see* Takayama, R. 6598
Komaki, S. *see* Harada, H. 14657
Komaki, S. *see* Hee-Jin Lee 14377
Komaki, S. *see* Ohuchi, M. 13856
Komaki, S. *see* Okuno, T. 14514
Komaki, S. *see* Ouchi, M. 14421
Komar, R.J., Mak, H.-B. Digital signal processing for BGO detectors 7280
Komarov, A.O. *see* Mal'tsev, V.A. 43367
Komarov, A.P. *see* Ivanova, N.L. 11694
Komarov, A.P. *see* Kuz'mina, I.I. 3222
Komarov, F. *see* Kovyazina, T. 41251
Komarov, F.F. *see* Yankov, R.A. 19542
Komarov, F.F. *see* Yankov, R.A. 27596
Komarov, K.P. Soliton mechanism of compression of ultrashort light pulses in passively mode locked solid-state lasers with broadband-gain active media 3881
Komarov, M.M. *see* Zuyeva, E.Yu. 47168
Komarov, V.A., Babkin, S.E., Il'yasov, R.S. Electromagnetic-acoustic transduction of horizontally polarized waves in magnetoelastic materials 18386
Komarov, V.A., Babkin, S.E., Il'yasov, R.S. Electromagnetic-acoustic transduction of Love waves in the system ferromagnetic coating-substrate 41536
Komarov, V.A., Pakhomov, P.A. Reverse and reciprocal quasisteady-state electromagnetic-acoustic transduction of the zeroth Lamb modes 47309
Komarov, V.I. *see* Batalov, A.A. 46920
Komarovskaya, Ya.D. *see* Tkachenko, T.M. 28353
Komarow, E. Optimization of scanning process in accelerator for food preservation 15466
Komaru, M. *see* Ishikawa, T. 34248
Komashko, V.A. *see* Golyshev, N.V. 11541
Komatitsch, D. *see* Alexandre, F. 42882
Komatsu, K., Katto, J., Yasuda, Y. A new structure of parallel filter bank allowing perfect reconstruction 30002
Komatsu, K. *see* Ebina, K. 20617
Komatsu, K. *see* Hamamoto, K. 3168
Komatsu, K. *see* Hashimoto, T. 11933
Komatsu, K. *see* Kitamura, S. 43933
Komatsu, M. Three dimensional resist profile simulation 2338
Komatsu, M., Hayashida, Y., Kinoshita, K. Throughput performances of ARQ protocols operating over generalized two-state Markov error channel 37147
Komatsu, M. *see* Chen, C.-X. 45349
Komatsu, M. *see* Hayashi, K. 10041
Komatsu, M. *see* Ooki, H. 34858
Komatsu, M. *see* Saito, S. 9668
Komatsu, T., Aizawa, K., Saito, T. Very high resolution image acquisition via reconstruction using multiple lower-resolution cameras various in their pixel apertures 31015
Komatsu, T., Igarashi, T., Aizawa, K., Saito, T. Very high resolution imaging scheme with multiple different-aperture cameras 45077
Komatsu, T. *see* Miyasaka, M. 42913
Komatsu, T. *see* Saito, T. 22014
Komatsu, T. *see* Saito, T. 22284
Komatsu, Y. *see* Adachi, N. 1837
Komatsu, Y. *see* Toriumi, Y. 38299
Komeichi, M. *see* Naoi, S. 4945
Komem, Y. *see* Tamir, S. 33691
Komeno, J. *see* Bove, P. 43016
Komeno, J. *see* Ohori, T. 2583
Komesu, K. *see* Yamashita, K. 24663
Komesu, T. *see* Imada, G. 20637
Kometani, H., Sakabe, S., Hirao, T., Nakabayashi, Y. Analysis of armature current and magnetic force at rotor dampers in superconducting generator on sudden 3-phase short-circuit 40108
Kometani, J. *see* Nalamasu, O. 11060
Kometani, J.M. *see* Neenan, T.X. 27956
Kometani, N. *see* Sawada, M. 42953
Komeza, K., Wiak, S. Electromagnetic field calculation of a leakage transformer by means of finite element method with Hermitian elements 47940
Komiak, J.J., Yang, L.W., Brozovich, R.S., Fu, S.T., Smith, D.P. Broadband high-efficiency HBT MMIC power amplifier fabricated with realigned process 1618
Komilov, A. *see* Mirzabaev, M. 25677
Komilov, A. *see* Mirzabaev, M. 33041
Komilov, A. *see* Mirzabaev, M. 40478
Kominami, M., Takagi, T., Sawa, S., Kikuta, T. Transient response of resistively loaded dipole antennas for pulse radar 29348
Kominami, M. *see* Wakabayashi, H. 29391
Kominato, T. *see* Sasayama, K. 38116
Komine, H. Average-power scaling for ultraviolet-pumped β-barium borate and lithium triborate optical parametric oscillators 3854
Komine, K. *see* Koga, M. 26183
Komine, T., Yamada, H. Analysis on statistical multiplexing characteristics of ATM cells with voice and video inputs 5179
Komirenko, S.I. *see* Danyuk, D.L. 1086
Komisarchik, T.N., Goldstein, A.D., Prutkovskii, E.N., Gribov, V.V. Preheating the cycle air of a combined-cycle plant in modes of operation with restricted capacity of the gas stage 16690
Komisarczuk, P., Hadjitheodosiou, M.H., Coakley, F., Jeans, T., Smythe, C. End-to-end protocol performance in ATM/satellite interconnected LANs 14186
Komisarczuk, P. *see* Hadjitheodosiou, M.H. 22590
Komissarova, M.V., Sukhorukov, A.P. Properties of a parametric light amplifier in which the frequencies are multiples of one another 28987
Komiya, H. Future technological and economic prospects for VLSI 28252
Komiya, H., Yoshimoto, M., Ishikura, H. Future technological and economic prospects for VLSI 17783
Komiya, K. *see* Itoh, K. 5788
Komiya, K. *see* Uehira, K. 46225
Komiya, S. Ultrahigh vacuum measurement 31506
Komiya, S. *see* Morohashi, S. 31814
Komiya, T., Mizuno, S., Sano, T., Ozawa, K., Osaka, K., Asano, Y. Development of high-density extensible mechanical switching system 5877
Komiyama, A., Hashimoto, M. A new class of crosstalk in image fibers 43419
Komiyama, B. *see* Kawakami, A. 23865
Komiyama, B. *see* Zhen Wang 19073
Komiyama, H. *see* Saito, T. 27798
Komiyama, H. *see* Shimogaki, Y. 827
Komiyama, S., Morita, H., Hosako, I. Continuous wavelength tuning of inter-valence-band laser oscillation in p-type germanium over range of 80-120 μm 12228
Komiyama, S. *see* Motoki, T. 46196
Komiyama, S. *see* Taniguchi, K. 16974
Komiyama, S. *see* Taniguchi, K. 25547
Komiyama, S. *see* Toda, K. 38585
Komm, R. *see* Gutierrez, S. 34427
Komm, R. *see* Schiesser, T. 42301
Komm, R. *see* Thune, P. 34438
Komochkov, M.M. *see* Aleinikov, V.E. 15648
Komoda, M. *see* Ono, S. 19931
Komoda, M. *see* Yoshimoto, M. 27598
Komoda, N. *see* Yamamoto, M. 47256
Komooka, M. *see* Nakajima, H. 5638
Komori, A. *see* Kobayashi, K. 31479
Komori, F., Nishiguchi, N., Hikita, M., Mizutani, T. Construction of expert system prototype for degradation diagnosis and measurement system using personal computer—application for degradation diagnosis of PD statistical parameter using phase information 14874
Komori, F., Nishiguchi, N., Hikita, M., Mizutani, T. Degradation diagnosis and estimation of residual life of insulating material using pattern

recognition of phase angle resolved partial discharge pulse occurrence distribution 20056
Komori, F. *see* Noriaki, N. 23415
Komori, H. *see* Kihara, T. 24951
Komori, K. *see* Dong, J. 3674
Komori, K. *see* Matsuda, H. 48338
Komori, K. *see* Yidong Huang 43850
Komori, M., Matsushita, T., Takeo, M. Estimation of hysteretic levitation pressure and stiffness in high T_c superconducting bearings 11510
Komori, M. *see* Oishi, A. 38123
Komori, S. *see* Shima, K. 33138
Komp, G. *see* Kessler, T. 29453
Kompa, G. Fundamentals in successful experimental active device modelling 27252
Kompa, G. *see* Macho Cacho, L. 27222
Kompa, G. *see* Werthof, A. 2580
Kompa, K.L. *see* Fuss, W. 11942
Kompa, K.L. *see* Motzkus, M. 12343
Kompaneets, V.V. *see* Zhitinskaya, M.K. 34550
Kompanets, I.N. *see* Aleksandrovich, S.V. 3229
Kompaniets, G.V. *see* Ponomarev-Stepnoi, N.N. 7549
Kompella, V.P., Pasquale, J.C., Polyzos, G.C. Multicast routing for multimedia communication 5297
Kompella, V.P. *see* Pasquale, J.C. 13972
Komu, M. Methods for tissue characterization in low field magnetic resonance imaging 24239
Komukai, T. *see* Ogimoto, K. 16170
Komukai, T. *see* Yamamoto, T. 35716
Komura, H. *see* Ogusu, K. 21091
Komura, S. *see* Ebihara, D. 48368
Komura, S. *see* Ebihara, D. 48489
Komura, T. *see* Ishibashi, K. 24855
Komurka, J., Ratering-Schnitzler, B. Changes in the VDEW disturbance statistics for determining disturbance appearance, reductions and complements 47409
Komuro, E. *see* Kawai, N. 35226
Komuro, M. *see* Haraichi, S. 27716
Komuro, M. *see* Hiroshima, H. 27835
Komuro, M. *see* Inoue, T. 27983
Komuro, M. *see* Wada, T. 27537
Komuro, S. *see* Toriumi, Y. 38299
Komuro, T. *see* Ishigohka, T. 34306
Komuro, T. *see* Tsukada, K. 46364
Komzsik, L., Poschmann, P. Iterative solution techniques for finite element applications 9487
Kon, H. *see* Mizutani, T. 35163
Kon Max Wong *see* Qiang Wu 4605
Konagai, C. *see* Kimura, H. 35684
Konagai, M. *see* Alonso, J.C. 33659
Konagai, M. *see* Ming Oi 9581
Konagai, M. *see* Oshima, T. 33626
Konagai, M. *see* Qi Ming 18172
Konagai, M. *see* Qi Ming 26441
Konagai, M. *see* Shirahama, M. 18198
Konagai, M. *see* Shirakashi, J. 41332
Konagai, M. *see* Tabuchi, K. 8751
Konak, K. *see* Lezal, D. 3011
Konaka, A. *see* Woody, C.L. 7253
Konaka, S., Ugajin, M., Matsuda, T. Deep submicrometer super self-aligned Si bipolar technology with 25.4 ps ECL 35065
Konaka, S. *see* Ugajin, M. 11295
Konakova, R.V. *see* Tkhorik, Yu.A. 19439
Konanur, R.V. *see* Kline, R.A. 9848
Konashi, K. *see* Sato, I. 15299
Konba, I. *see* Nagao, M. 35169
Konchakov, P.D. *see* Zenchenko, S.A. 43592
Koncnik, D., Gorisek, J. Distributed system and station computer in coordinated/integrated substation 110/20 kV 24754
Koncul, M. *see* Bachler, J. 46915
Konczakowska, A. 1/f noise as indicator of quality of power transistors 19762
Konczakowska, A. *see* Cichosz, J. 23868
Konczykowska, A., Zuberek, W., Dangla, J. Characterization of semiconductor devices using technological and geometric parameters 11116
Konczykowska, A. *see* Hassaine, N. 5902
Konczykowska, A. *see* Wang, H. 2447
Konda, A. *see* Krasawa, T. 22017
Konda, S.L. *see* Subrahmanian, E. 9208
Kondapuram, V.S.G. *see* Burrows, V.A. 42737
Kondepudy, R., Healey, G. Color texture models for machine vision 29765
Kondo, A. *see* Inase, T. 2807
Kondo, H. Simulation technology for power devices 42830
Kondo, H. *see* Jongsuck Bae 34255
Kondo, H. *see* Uenishi, A. 34876
Kondo, I. *see* Tsuji, H. 28422
Kondo, J. *see* Hori, H. 15133
Kondo, K. Redundant systems for multibeam transponder 30677
Kondo, K., Gunji, H., Eto, Y., Gonda, A., Naka, K., Owashi, H. A video coding scheme for HDTV digital VCRs 30986
Kondo, K. *see* Katsuta, G. 24969
Kondo, K. *see* Kikuchi, Y. 27863
Kondo, K. *see* Nabekawa, Y. 20678
Kondo, K. *see* Yamada, M. 19571
Kondo, M., Ishikawa, S., Fujisaka, T., Kirimoto, T., Hashimoto, T. Multi-beam airborne pulsed-Doppler radar system and its PRF tuning effect for clutter rejection 23146
Kondo, M. *see* Anayama, C. 3630
Kondo, M. *see* Furaya, A. 43840
Kondo, M. *see* Furuya, A. 12176
Kondo, M. *see* Hano, M. 20166
Kondo, M. *see* Inou, K. 11299
Kondo, M. *see* Ishida, Y. 14603
Kondo, M. *see* Tanaka, M. 31640
Kondo, M. *see* Tsuji, H. 28422
Kondo, N., Fujiwara, N., Abematsu, A. A study for measurement accuracy of the spectroscopic thin film thickness measurement system 15213
Kondo, N., Nanishi, Y., Fujimoto, M. Direct growth of AlGaAs/GaAs single quantum wells on GaAs substrates cleaned by electron cyclotron resonance (ECR) hydrogen plasma 26449
Kondo, N. *see* Shirasaki, H. 1981
Kondo, S., Matsumoto, S., Nagai, H. Metalorganic chloride vapor phase epitaxial growth of III-V compounds in a single reactor 686
Kondo, S. *see* Airphaiboon, S. 13749
Kondo, S. *see* Amano, T. 9613
Kondo, S. *see* Grajew, G. 37613
Kondo, S. *see* Mori, S. 17625
Kondo, S. *see* Nishimura, E. 43974
Kondo, S. *see* Seung Hak Yang 8355
Kondo, S. *see* Wada, Y. 28231
Kondo, S. *see* Wada, Y. 42480
Kondo, S. *see* Wada, Y. 43666
Kondo, S. *see* Yoshimoto, N. 43533
Kondo, T., Kimura, Y., Sonehara, N. Single-board SIMD processors using gate-array LSIs for parallel processing 26995
Kondo, T., Saito, K., Kurata, T., Miyake, K. PBX operation management system 14349
Kondo, T. *see* Wu, J. 11644
Kondo, T. *see* Wu, J. 20362
Kondo, Y. *see* Ishii, H. 20911
Kondo, Y. *see* Kasaya, K. 11893
Kondo, Y. *see* Mawatari, H. 43862
Kondo, Y. *see* Sato, K. 12167
Kondo, Y. *see* Sato, K. 35626
Kondo, Y. *see* Suwa, K. 37816
Kondo, Y. *see* Tohmori, Y. 12169
Kondoh, C. *see* Kadota, M. 28344
Kondoh, E., Tanaka, K., Ohta, T. Homoepitaxial growth of diamond by an advanced hot-filament chemical vapor deposition method 9522
Kondoh, E. *see* Katagiri, T. 2218
Kondoh, E. *see* Takeyasu, N. 42758
Kondoh, J., Shiokawa, S. A liquid sensor based on a shear horizontal SAW device 6412
Kondoh, K. *see* Fukuzawa, S. 18738
Kondoh, K. *see* Nakajima, K. 27873
Kondoh, M. *see* Sugimoto, T. 14699
Kondoh, Y., Hosaka, Y., Ishii, K. Kernel Optimum Nearly-analytical Discretization (KOND) algorithm applied to parabolic and hyperbolic equations 18086
Kondor, S. *see* Gordon, M. 39277
Kondou, K. *see* Nakajima, K. 10056
Kondou, K. *see* Watanabe, T. 17539
Kondou, T. *see* Saito, S. 10870
Kondoz, A.M., Evans, B.G. A high quality voice coder with integrated echo canceller and voice activity detector for VSAT systems 22948
Kondoz, A.M., Evans, B.G. A high quality voice coder with integrated echo canceller and voice activity detector for mobile satellite applications 37631
Kondoz, A.M. *see* Atungsiri, S.A. 30656
Kondoz, A.M. *see* Ong, L.K. 29556
Kondoz, A.M. *see* Soheili, R. 13026
Kondrashikhin, A.B., Shcherbakov, I.Yu. Optimisation of millimetric-waveband Y-circulators for integrated circuits 27197
Kondrashikhin, A.B., Shcherbakov, I.Y. A method of accounting for gross faults in multi-detector wavelength meters 31392
Kondrat'ev, B.S. *see* Zhilyaev, Yu.V. 1896
Kondrat'ev, F.V. *see* Buinitskii, B.A. 8092
Kondratyev, A. *see* Kishinevsky, M. 33978
Kondratyev, A.Yu. *see* Kishinevsky, M.A. 41603
Kone, O. *see* Castanet, R. 30239
Konecni, S. *see* Magnusson, R. 44164
Konecny, J. *see* Schejbal, V. 30865
Koneev, S.M.A. *see* Bout, D.A. 25722
Konefal, T. *see* Marvin, A.C. 41876
Konemann, B., Noto, P. A test generation methodology for high-performance computer chips and modules 10202
Konenkamp, I. *see* Erbar, M. 36298
Konenkamp, R., Henninger, R. Recombination in nanophase TiO_2 films 27488
Konenkamp, R. *see* Wahi, A. 27606
Konev, V.A., Mikhnev, V.A. Multiparameter diagnosing of sheet dielectrics in open guide structures 23848
Konev, Yu.B., Kochetov , I.V., Koornosov, A.K., Mirzakarimov, B.A. Multiquantum vibrational exchange CO laser kinetical model 11960
Konev, Yu.B., Kochetov, I.V., Kurnosov, A.K., Mirzakarimov, B.A. Calculation of the kinetics of a CO laser allowing for multiquantum VV exchange 43729
Konforti, N. *see* Lebreton, G. 13510
Konforti, N. *see* Mendlovic, D. 21918
Kong, C.H. *see* Thompson, C.M. 7444
Kong, C.S., Sng, Y.H. An investigative study of the unequal current division between parallel low-voltage cables 7939
Kong, D.T. *see* Bagheri, M. 5909
Kong, G., Stuart, R.A. Definition of gain in waveguide free electron lasers 12261
Kong, G. *see* Stuart, R.A. 43702
Kong, J. *see* Schlag, M. 26893
Kong, J.A. *see* Jiqing Xia 44280
Kong, J.A. *see* Johnson, J.T. 24508
Kong, J.A. *see* Johnson, J.T. 47287
Kong, J.A. *see* Nghiem, S.V. 7638
Kong, J.A. *see* Veysoglu, M.E. 12567
Kong, J.A. *see* Yueh, S.H. 47262
Kong, S.H. *see* Nguyen, D.C. 43972
Kong, S.H. *see* Sheffield, R.L. 44008
Kong, W., Solanki, R. The effect of ultraviolet radiation on a ZnS:Tb thin film electroluminescent device 43648
Kong, X. *see* Vaz, C. 36753
Kong De-Yin *see* Xu Zeng-Pu 31187
Kong Guanglin *see* Sun Guosheng 19331
Kong Hong Jin *see* Hong Jin Kong
Kong Jin Hyeung *see* Jin Hyeung Kong
Kong Leung Hiu *see* Leung Hiu Kong
Kong Lin-Shu *see* Lin-Shu Kong
Kong Meiying *see* Liang Jiben 41247
Kong Meiying *see* Meiying Kong
Kong Sik On *see* Sik On Kong
Kong Xuan *see* Xuan Kong
Kong Yue *see* Wang Dayong 20507
Kongara, P. *see* Oomman, B.G. 1731
Kongzhen Niu *see* Niu Kongzhen
Konheim, A.G. *see* Bor, S.S. 5216
Konig, D., Frontzek, F.R., Dricot, F., Reher, H.J., Judd, M. Principles of a new arc-tracking test of cables and wires for spacecraft 35154
Konig, D., Quint, I. Multifactor aging mechanisms on the surface of model post insulators 47548
Konig, D. *see* Ballat, J. 8703
Konig, D. *see* Ballat, J. 8704
Konig, D. *see* Bossmeyer, T.M. 21875
Konig, D. *see* Brechtken, D. 8014
Konig, D. *see* Brechtken, D. 17815
Konig, D. *see* Frohlich, K. 8701
Konig, D. *see* Frontzek, F.R. 8705
Konig, D. *see* Frontzek, F.R. 8708
Konig, F., Morsch, G., Kamp, M., Luth, H., Hostalek, M., Pohl, L. Metalorganic molecular beam epitaxy of AlGaAs using APAH 9515
Konig, F. *see* Hornfeldt, S. 32902
Konig, F.M. Mechanically equalizable headphone for in-front-localization 23353
Konig, G.M. Clock reference pulse supply system for the German Television Centre (ZDF) 46165
Konig, H. *see* Ulrich, A. 30237
Konig, M. *see* Lochel, B. 33672
Konig, U. SiGe/Si-bipolar and quantum well transistors, results and prospects 11160
Konig, U. Challenges for a Si/Ge heterodevice technology 27619
Konig, U. *see* Bleise, Ch. 17315
Konig, W. *see* Felhauer, T. 5792
Konigstein, D. Advances in partial discharge detection technique [GIS] 8679
Konijn, J., Hopfner, K., Lundermann, P., Gruwe, M., Mommaert, C., Vilain, P., Wilquet, G., Fabre, J.-P., Flegel, W., Meijerdrees, R., Stefanini, G., Winter, K., Wong, H., Aoki, S., Gregoire, G., Lemaitre, V., Michel, L., Frekers, D., Nakamura, M., Niwa, K., Wong, H.T. The scintillating fibre tracker system of the CHORUS experiment 24087
Konijn, J. *see* Blok, H.P. 38935
Konijn, J. *see* Zondervan, A. 46867
Konik, H., Laget, B., Calonnier, M. Image segmentation using local-base pyramids 45062
Konik, W.S. *see* DeVeau, G.F. 6006
Koning, N.de *see* de Koning, N.
Koning, O.J. *see* Labrujere, A.C. 6065
Koning, O.J. *see* Labrujere, A.C. 30807
Koning, O.J. *see* van Deventer, M.O. 45996
Konishi, C. *see* Hagiwara, H. 31948
Konishi, E. *see* Hirata, Y. 43062
Konishi, H. *see* Kusumoto, K. 27020
Konishi, H. *see* Kusumoto, K. 38252
Konishi, K. *see* Makino, M. 48287
Konishi, T., Tanida, J., Ichioka, U. Pure optical parallel array logic system—an optical parallel computing architecture 35538
Konishi, T., Uesugi, K., Takaoka, K., Kawano, S., Yoshimura, M., Yao, T. Characterization of HF-treated Si(111) surfaces 2096
Konishi, T. *see* Makino, M. 48287
Konishi, T. *see* Shirasaki, T. 24810
Konishi, Y. Approximate minimum phase equivalent networks of quasi-TEM uniform coupled lines used for VHF-UHF band pass filter 42029
Konishi, Y., Allen, S.T., Reddy, M., Rodwell, M.J.W., Smith, R.P., Liu, J. AlAs/GaAs Schottky-collector resonant-tunnel-diodes 10462
Konishi, Y., Iwakuni, M., Yamada, J. Consideration on the frequency limitation of Wilkinson power divider with coupled wires in ferrite 46231
Konishi, Y. *see* Fujise, M. 37741
Konishi, Y. *see* Tsukude, M. 1229
Konkel, W.H. *see* Ahlgren, W.L. 755
Konma, N., Kojima, O., Ishii, H. Interrupting capability of thermal puffer chamber with the arc driving coil at 24/36 kV 17112
Konmura, M. *see* Yamamoto, K. 38866
Konnikov, S.G. *see* Goloshchapov, S.I. 15183

Konnikov, S.G. *see* Sobolev, M.M. 43822
Konno, K.-i., Wada, H., Matsukawa, K. A 2.45 GHz wireless IC card system for automatic gates 1609
Konno, M. *see* Sugawara, S. 43231
Konno, Y. *see* Kaneko, Y. 25585
Konno, Y. *see* Yagi, N. 34090
Kono, H. *see* Kuwahara, K. 38601
Kono, J. *see* Arai, A. 25003
Kono, N., Nagahara, T., Fujimoto, K., Kashiwagi, Y., Kakinoki, H. Low temperature fabrication of poly-Si TFTs using in-situ chemically cleaning method 18270
Kono, T., Kobatake, M. Seismic analysis and visualization for piping in nuclear power plants 25173
Kono, T., Tsukamoto, S., Nagamune, Y., Sogawa, F., Nishioka, M., Arakawa, Y. Exciton radiative lifetime in GaAs quantum wires grown by metalorganic chemical-vapor selective growth 42414
Kono, Y., Doi, A., Fukushima, T., Minagawa, K. A heuristic approach to VAr allocation planning enhancing tradeoff study 32351
Kono, Y. *see* Iyoda, I. 39551
Kononchuk, O.V., Yakimov, E.B. Processes of defect formation and gettering under dry etching of Si and GaAs and measurements of diffusion length profile 19544
Kononenko, A.G. *see* Bolkova, E.D. 31435
Kononenko, S. *see* Efimov, S. 15384
Kononenko, S. *see* Gladkikh, P. 15400
Kononenko, S. *see* Gladkikh, P. 15562
Kononenko, S. *see* Zelinsky, A. 7037
Kononenko, V.K., Kuleshov, Ye.M. Properties of nonreciprocal attenuators with circularly dichroic mirror based on a semiconductor-metal structure 42144
Kononenko, V.K., Manak, I.S., Afonenko, A.A. Radiation oscillation processes in quantum-well heterolasers 43948
Kononenko, V.K. *see* Afonenko, A.A. 12096
Kononets, Ya.F. *see* Beletskii, A.I. 20545
Kononets, Ya.F. *see* Vlasenko, N.A. 43621
Kononov, V.I. Probabilistic and information characteristics of iconic systems 21935
Konopka, J. *see* Rothberg, S. 165
Konoplev, Yu.N., Mamaev, Yu.A., Starostin, V.N., Turkin, A.A. Laser mirrors at 0.63 μm with reduced reflection at 3.39 μm 28926
Konoplyanko, Z.D. *see* Zhenchuk, E.Ya. 44745
Konorov, I. *see* Brons, S. 46865
Konorov, P.P. *see* Bota, S.A. 34628
Konorski, J., Nowicki, K., Wozniak, J. Performance of the Cooperative Random Token protocol for high-speed radio LANs 45343
Konovalov, S.I., Kuz'menko, A.G. Directivity of a circular system of acoustic radiators under pulsed conditions 18333
Konovalov, V.A., Kuznetsov, M.I., Murin, B.P., Paramonov, V.V., Senichev, Yu.V. The perspectives of applications of the fast-acting varactors with low losses in high-current cyclic and linear accelerators 15495
Konovalov, V.V. *see* Kalinovsky, V.V. 35661
Konovodchenko, E.V. *see* Belyaeva, A.I. 38735
Konrad, A. *see* Chen, Q. 41204
Konrad, A. *see* Chen, Q. 44248
Konrad, A. *see* Lo, J.O.Y. 41207
Konrad, C.E. *see* King, R.D. 48319
Konrad, C.E. *see* Sims, R.I. 48316
Konrad, J. *see* Radecki, J. 10326
Konrad, W. *see* Hagedorn, P. 16899
Konstantinides, K. *see* Bhaskaran, V. 4839
Konstantinides, K. *see* Drukarev, A. 24252
Konstantinidis, S. *see* Jurgensen, H. 21551
Konstantinou, K., Gardner, P., Paul, D.K. Optimisation method for feedforward linearisation of power amplifiers 1551
Konstantinou, K., Gardner, P., Paul, D.K. Feedforward linearization of microwave amplifiers 19059
Konstantinov, O.V. *see* Inovenkov, A.N. 2394
Konstantinov, V.I. *see* Anan'ev, V.D. 47677
Konstantinova, A.V., Pen, E.F., Sinyukov, A.M., Shelkovnikov, V.V. Optical amplification in photopolymer material 29064
Konstantinova, A.V. *see* Gerasimova, T.N. 29063
Konstantoulakis, G.E. *see* Doumenis, Gr.A. 14273
Konstanzer, M. Avoidance of transformer switch-on transients 8482
Konstanzer, M. Switching transformers on gently 25518
Konta, M. *see* Yasukawa, S. 39819
Kontaxakis, G., Tzanakos, G. A study of certain characteristics of the EM algorithm for image reconstruction in positron emission tomography 38973
Konter, J.A. *see* Abplanalp, M. 24046
Kontoleon, J.M. *see* Mehdi, K.A. 26928
Kontorovich, V.Ka., Glushankov, Eu.I., Primak, S.L. Analysis of electromagnetic interference effect on complex systems: combined approach 44385
Kontovasilis, K.P., Mitrou, N.M. Stochastic fluid models for a buffer loaded by Markov modulated traffic with Near Complete Decomposability characteristics 45317
Kontro, J., Koski, A., Sjoberg, J., Vaananen, M. Digital car audio system 6269
Kontro, J. *see* Kalliojarvi, K. 10245
Kontsevich, L.L., Petrov, A.P., Vergelskaya, I.S. Reconstruction of shape from shading in color images 45035
Konuma, K. *see* Tanabe, A. 31270
Konuma, M., Bauser, E. Water vapor controlling selective reactive ion etching of SiO_2/Si in NF_3 plasma 2118
Konuma, M. *see* Weishart, H. 41372
Konuma, R. *see* Nakahira, Y. 5673
Konyaev, V.P. *see* Bezotosnyi, V.V. 43942
Konyashenko, E.A., Chuikov, V.D., Shmykov, V.N. Interaction of receiving dipoles of unequal length 12737
Konynenberg, A.W., Williamson, A.C. An approach for SDH network testing 13977
Konyshev, A.N., Kratenko, M.Yu., Yuldashev, A.A. Television method for measuring light flux intensity in the focal zone for solar concentrator 31492
Konyshev, V. *see* Musha, T. 39075
Konz, F., Frenz, M., Romano, V., Forrer, M., Weber, H.P., Kharkovskiy, A.V., Khomenko, S.I. Active and passive Q-switching of a 2.79 μm Er:Cr:YSGG laser 3570
Koo, J.Y. *see* Hwang, S.C. 7977
Koo, T.T. *see* Mikulan, P.I. 34865
Koo, Y.M. *see* Lee, Y.P. 11450
Koo Han Min *see* Min Koo Han
Koo Ja-Yoon *see* Ja-Yoon Koo
Koo Kang Bong *see* Bong Koo Kang
Koo Kim Hong *see* Hong Koo Kim
Koo Lee Jae *see* Jae Koo Lee
Koo Yeon Seol *see* Yeon Seol Koo
Koob, H. ABB service focus on trouble-free gas turbine and combined cycle operation 16681
Kooi, J.W., Walker, C.K., LeDuc, H.G., Schaffer, P.L., Hunter, T.R., Benford, D.J., Phillips, T.G. A low noise 665 GHz quasi-particle waveguide receiver 43360
Kooi, P.S. *see* Cai, M. 44553
Kooi, P.S. *see* Hum, P.J. 21355
Kooi, P.S. *see* Li, L.W. 36200
Kooi, P.S. *see* Li, L.W. 44351
Kooi, P.S. *see* Tan, K.S. 23120
Kooi, P.S. *see* Wang, B.K. 29238
Kooi, P.S. *see* Yeo, T.S. 12648
Kook, T. *see* Roy, P.K. 11232
Kook Hun Kim *see* Seung Jae Lee 32245
Kool, L.J.Schultze *see* Schultze Kool, L.J.
Kool, P.S. *see* Gan, Y.B. 27134
Koolen, J.H. On uniformly geodetic graphs 26292
Koon Seng Lim, Deng, R.H., Ranai, K. Exact and approximate models to obtain average throughput of the FDDI MAC protocol.1. Symmetric systems 22359
Koon Seng Lim, Deng, R.H., Ranai, K. Exact and approximate models to obtain average throughput of the FDDI MAC protocol. II. Asymmetric systems 37138
Koon Teo Pit *see* Teo Pit Koon
Koonen, A.M.J. *see* Laarhuis, J.H. 6080
Koonen, A.M.J. *see* Laarhuis, J.H. 35542
Koontz, J. *see* Ingle, L. 10596
Koontz, R. *see* Ruth, R.D. 46776
Koop, M.J. *see* Apateanu, L. 17219
Koop, M.J. *see* Hollenkamp, A.F. 40420
Koopman, R.J.H., Kerkhoff, H.G. A general-purpose high-density sea-of-gates architecture 18547
Koopmann, G.H. *see* McDevitt, T.E. 31531
Koops, H.W.P., Hubner, B., Watanabe, M. Metrology-chip for measurement of diameter and astigmatism of an electron beam with nm resolution using moire amplification 31470
Koops, H.W.P., Kretz, J., Rudolph, M., Weber, M. Constructive three-dimensional lithography with electron-beam induced deposition for quantum effect devices 27916
Koops, H.W.P. *see* Elsner, H. 27914
Koops, H.W.P. *see* Elsner, H. 28003
Koops, H.W.P. *see* Griesinger, U.A. 27923
Koops, H.W.P. *see* Kretz, J. 33692
Kooren, G. Fourteen video channels over a single optical fibre 23330
Koori, N., Nohtomi, A., Hirota, M. Effect of methylal quenching gas for self-quenching streamer (SQS) tube with Ar-isoC_4H_{10}-methylal mixture 15657
Koori, N. *see* Nohtomi, A. 46966
Koornosov, A.K. *see* Konev, Yu.B. 11960
Koos, M. *see* Toth, L. 10651
Koos, M. *see* Vazsonyi, E.B. 34773
Koosha, A.R., Sunthankar, S. A highly directional ultrasonic sensor 47291
Kootsookos, P., Tsoi, A.C., Lovell, B. Speech enhancement for robust speaker verification 13049
Kootsookos, P.J. *see* Quinn, B.G. 44888
Kooyman, J. *see* Helgeson, M. 39224
Kop, P.K. *see* Assaderaghi, F. 10760
Kopachkov, A.R. *see* Dmitriev, V.A. 32940
Kopanskaya, F.Ya. *see* Ivashchenko, A.I. 1944
Kopanski, J.J. *see* Ghezzo, M. 2417
Kopanski, M. *see* Giannini, F. 1555
Kopchenov, V.E. *see* Nikolaev, V.A. 38876
Kopczynska, D. *see* Zielinski, J.S. 7856
Kopec, G.E. Least-squares font metric estimation from images 13626
Kopec, M. *see* Szabo, T.E. 39929
Kopec, M. *see* Turowski, J. 47941
Kopeika, N.S. *see* Hadar, O. 45206
Kopeika, N.S. *see* Sadot, D. 29777
Kopeika, N.S. *see* Sadot, D. 46501
Kopell, N. *see* Ermentrout, B. 42106
Koper, Z.A. *see* Murawski, K. 3017
Kopernik, A., Sand, R., Choquet, B. The future of three-dimensional TV 30967
Kopf, D. *see* Hager, G.D. 12005
Kopf, R.F., Schubert, E.F., Harris, T.D., Becker, R.S., Gilmer, G.H. Modification of GaAs/AlGaAs growth-interrupted interfaces through changes in ambient conditions during growth 18178
Kopf, R.F. *see* Dykaar, D.R. 744
Kopf, R.F. *see* Fullowan, T.R. 2455
Kopf, R.F. *see* Hunt, N.E.J. 11870
Kopf, R.F. *see* Keil, U.D. 43635
Kopf, R.F. *see* Pearton, S.J. 2581
Kopf, R.F. *see* Pearton, S.J. 43023
Kopf, R.F. *see* Ren, F. 2486
Kopf, R.F. *see* Witmer, S.B. 2471
Kopf, W. *see* Burker, E. 32445
Kopilovich, L.Y., Sodin, L.G. Sectioned nonequidistant linear antenna arrays based on difference sets 4327
Kopishinskaya, E.P. *see* Mozol', P.E. 42415
Kopl, R. *see* Treitinger, L. 30837
Kopmeiners, R. Analytical evaluation of imperfect diversity branches applied to polarization diversity measurements at 1800 MHz 37893
Kopnov, V.A., Kanajev, E.I. Optimal control limit for degradation process of a unit modelled as a Markov chain 26139
Koposova, E.V. *see* Dryagin, Yu.A. 6729
Koposova, E.V. *see* Vlasov, S.N. 42159
Kopp, B.A., Barnett, J.C. C-band receive module for phased-array antenna applications using commercially available monolithic microwave integrated circuits 44629
Kopp, D. *see* Zarrow, P. 33352
Kopp, V.I. *see* Belashenkov, N.R. 20696
Kopp, V.I. *see* Zel'dovich, B.Ya. 12341
Kopp, W.F. *see* Fu, S.T. 1534
Koppang, P.A. *see* Owings, H.B. 23387
Koppe, F. Dissipation of heat in power electronics 26692
Koppelaar, A.G.C. Matrix equalization for OFDM systems 12822
Koppelman, D.M., Oruc, A.Y. The complexity of routing in Clos permutation networks 45293
Koppes, A. *see* Zeppenfeldt, F. 22117
Koprinarova, J.B. *see* Andreev, A.T. 35347
Koprinkov, I.G., Naylor, G.A., Pique, J.P. Generation of 10 mW tunable narrowband radiation around 210 nm using a 6.5 kHz repetition rate copper vapour laser pumped dye laser 20663
Kopriva, O. Historical development of high voltage switchgear 25580
Koprivnikar, J. *see* Matko, V. 14989
Kops, L. *see* Attia, M.H. 38459
Kopsachilis, V., Koubias, S., Papadopoulos, G. Performance evaluation of a new multiple access protocol for interprocess communication in industrial environment 5535
Kopylov, D.A., Raikhel'son, M.K. Median prediction in a differential pulse-code modulation picture coder 13503
Kopylov, I.P., Novikov, Yu.D., Myakshina, I.G. Taking account of the saturation of steel in calculating the inductive resistance corresponding to differential and slot scattering in asynchronous motors 25417
Kopylov, I.V. Problems of theory and practice in space electromechanics 24381
Kopylov, V.B. *see* Ignat'ev, A.S. 2425
Kopylov, Yu.V. *see* Popov, A.V. 29140
Kopylova, T.N., Maier, G.V., Panchenko, A.N., Tarasenko, V.F., Degtyarenko, K.M., Sukhanov, V.V., Tel'minov, E.N., Lomaev, M.I., Mel'chenko, S.V., Kuznetsova, R.T., Samsonova, L.G. High-power narrow-band dye laser pumped by a XeCl Joule exciplex laser 3468
Korablev, B.A. Dynamic vibrational testing of aeronautical and space technology products and the requirements on computer test systems 7518
Korablev, E.M. *see* Proklov, V.V. 3249
Korablev, E.M. *see* Proklov, V.V. 20439
Koral, K.F. *see* Zasadny, K.R. 7347
Korany, E.A. Implementation and performance study of a generalized iterative algorithm for image reconstruction from the Hartley transform intensity 4587
Korba, J.A. *see* Kim, J.O. 14929
Korbel, N. *see* Ashdown, B. 13937
Korber, M.L., Richardson, E.F. A 3.67 GHz permanent magnet, biased YIG-tuned fundamental feedback oscillator 1535
Korchemkin, Yu.B., Mayorov, A.V., Pikush, V.V. Method and results of calculations of rectangular waveguides, partially filled with a dielectric and ferrite 44497
Korchemskaya, E.Y., Soskin, M.S., Taranenko, V.B. Optical filtration of color images by means of dynamic Weigert-effect in polymer media with bacteriorhodopsin 13515
Korchenko, Yu.S. *see* Dobrokhodov, S.B. 4768
Korchevoi, Yu.P. *see* Zalkind, V.I. 25725

Korchuganov, V.N., Samorukov, M.M. SR complex SIBERIA: the beginning of the commissioning 15386
Kordak, R. Torque control of electrical and hydrostatic power units with highly dynamic characteristics 40044
Kordas, R., Szubzda, B. Composite materials for the contacts of low voltage switches 10550
Korde, R., Cable, J.S., Canfield, L.R. One gigarad passivating nitrided oxides for 100% internal quantum efficiency silicon photodiodes 35585
Kordesch, A.V. *see* Macek, M. 42755
Kordic, S., Wolters, R.A.M., Troost, K.Z. Correlation between stress voiding of Al(Si)(Cu) metallizations and crystal orientation of aluminum grains 10990
Kordos, P. *see* Fawcett, P.N. 19348
Kordos, P. *see* Marso, M. 2424
Kordus, A. *see* Andruszkiewicz, J. 40389
Korec, J., Held, R. Comparison of DMOS/IGBT-compatible high-voltage termination structures and passivation techniques 11316
Koren, G., Polturak, E., Cohen, D., Aharoni, E., Patlagan, L. All $YBa_2Cu_3O_7$ Josephson edge junctions with $YBa_2CoCu_2O_7$ as the barrier/insulator 35275
Koren, I., Koren, Z., Stepper, C.H. A unified negative-binomial distribution for yield analysis of defect-tolerant circuits 2614
Koren, I. *see* Taylor, F.J. 21832
Koren, U. *see* Alferness, R.C. 45985
Koren, U. *see* Glance, B.S. 6067
Koren, U. *see* Hansen, P.B. 37985
Koren, U. *see* Heismann, F. 35440
Koren, U. *see* Kim, I. 43888
Koren, U. *see* Reichmann, K.C. 22714
Koren, U. *see* Tennant, D.M. 28851
Koren, U. *see* Young, M.G. 23005
Koren, Z. *see* Koren, I. 2614
Korenaga, Y., Ando, Y. A sound-field simulation system and its application to a seat-selection system 14846
Korenberg, M.J. *see* Adeney, K.M. 36706
Korenic, E.M., Jacobs, S.D., Houghton, J.K., Schmid, A., Kreuzer, F. Nematic polymer liquid-crystal wave plate for high-power lasers at 1054 nm 44033
Korenjak-Cerne, S. *see* Batagelj, V. 33494
Korennov, B.E., Smirnov, I.A., Igolka, L.P., Mamontov, N.I. Supplying heat to a large town from an out-of-town thermal power station 8156
Korennov, B.E. *see* Smirnov, I.A. 8158
Korennov, V.E. *see* Igolka, L.P. 8157
Korenyi-Both, A.L. *see* Wu, R.L.C. 41409
Korepanov, S. *see* Morosanu, C. 31771
Korepanov, V.E., Vashchenko, L.E., Melnik, M.M., Svishch, D.P. Low-threshold amplifiers 41703
Koreshev, S.N. *see* Gerke, R.R. 36074
Koretski, A.V. *see* Chmill, V.B. 31762
Koretz, B. *see* Goldstein, J.R. 25657
Korevaar, E., Bloom, S., Slatnick, K., Chan, V., Chen, I., Rivers, M., Foster, C., Choi, K., Liu, C.S. Status of SDIO/IS&T lasercom testbed program 6046
Korevaar, E. *see* Shiow-Hwa Lin 28628
Korhonen, M.A., Borgesen, P., Brown, D.D., Che-Yu Li Microstructure based statistical model of electromigration damage in confined line metallizations in the presence of thermally induced stresses 10989
Korhonen, M.A., Borgesen, P., Brown, D.D., Che-Yu Li The effect of thermally induced stresses on electromigration lifetime of near-bamboo interconnects 34797
Korhonen, M.A. *see* Borgesen, P. 34805
Korhonen, M.A. *see* Brown, D.D. 34810
Korhonen, T., Sakamoto, H., Watase, Y. Application of transputers to second level trigger at VENUS 15644
Korhonen, T., Sakamoto, H., Watase, Y. Experience using the VENUS parallel processor trigger 38925
Korhonen, T. *see* Tanaka, M. 46975
Koring, J., Schmitz, A. Simplifying cancellation of cross-talk for playback of head-related recordings in a two-speaker system 39423
Korjagina, G.M. *see* Batsyn, M.Ya. 25316
Korkhov, Y.P. *see* Demidenko, B.Ya. 18342
Korman, C.E. *see* Gwo-Chung Tai 42981
Korman, C.S., Bicknell, W., Hennessy, W., Daum, W., Roshen, W., Steigerwald, R.L. High density integrated power—a new concept in power integration 18481
Korman, P. An algorithm for computing unstable solutions of semilinear boundary value problems 33558
Kormany, Z. A new method and apparatus for measuring the mean energy of cyclotron beams 31555
Kormanyos, B.K., Ostdiek, P.H., Bishop, W.L., Crowe, T.W., Rebeiz, G.M. A planar wideband 80-200 GHz subharmonic receiver 34278
Korn, G. *see* Ringling, J. 12387
Korn, G. *see* Rudd, J.V. 12086
Korn, I. Relation between bit and symbol error probabilities for frequency shift keying with limiter-discriminator-integrator detection 29451
Kornatzky, Y., Shimony, S.E. Predicting image features for tracking and navigation 13731
Kornblit, A. *see* Krukar, R. 2133
Kornblit, A. *see* Krukar, R.H. 2147
Kornblit, A. *see* Yu, C.H.D. 19851
Kornblit, M.J. Maintaining the integrity of a changing power system 9017
Korneev, S.S. *see* Barsky, A.G. 36057
Korneev, Yu.P. *see* Buzulutskov, F. 24056
Kornegay, K.T., Brodersen, R.W. An architecture for a reconfigurable IEEE 1149.n master controller board 14883
Kornelios, N. *see* Dimoulas, A. 2567
Korner, H.-J. *see* Ulrich, A. 20602
Korner, H.J. *see* Friese, J. 7193
Korner, H.J. *see* Friese, J. 7274
Kornev, A.F., Pokrovskii, V.P., Soms, L.N., Stupnikov, V.K. Laser systems with internal scanning 36091
Kornev, A.F. *see* Mak, A.A. 28936
Kornev, V.I. *see* Zubenko, V.I. 8524
Korneyev, N.N. *see* Goncharenko, A.M. 3708
Kornhuber, C. *see* Becker, W. 31878
Kornienko, A. *see* Kaminskii, A.A. 43761
Kornienko, L.S. *see* Dianov, E.M. 44135
Kornilios, N. *see* Georgakilas, A. 740
Kornilovskaya, L.D. *see* Kotov, Yu.D. 31769
Kornilov, N.V., Semenova, N.N. Timing property of BGO-detector 7150
Kornilovskaya, D.D. *see* Belikov, S.V. 7199
Kornilovskaya, L.D. *see* Britvich, G.I. 7165
Kornowski, A., Giersig, M., Vogel, R., Chemseddine, A., Weller, H. Nanometer-sized colloidal germanium particles: wet-chemical synthesis, laser-induced crystallization and particle growth 26390
Kornreich, F., Montague, T.J., Rautaharju, P.M. Best ECG leads for diagnosing acute myocardial infarction by multivariate analysis of body surface potential maps 39051
Kornyakova, O.V. *see* Ber, B.Ya. 33624
Korobitsina, J.L. *see* Gadiyak, G.V. 19579
Korobkin, D.V., Jr. *see* Dianov, E.M. 28805
Korobkin, D.V., Jr. *see* Dianov, E.M. 35352
Korobkin, V.V., Sonin, A.Yu. Distinctive features of the lasing of organic dyes 28749
Korobkin, V.V. *see* Karpov, V.B. 21054
Korobkov, D.L. *see* Bendorf, Ye. 36684
Korobkov, L.S. *see* Eremin, A.G. 24438
Korobkov, L.S. *see* Eremin, A.G. 24439
Korobov, O.G. *see* Aleksandrov, V.V. 40289
Korobov, V., Shapira, Y., Ber, B., Faleev, K., Zushinskiy, D. Effect of deposition parameters on the properties of In_2O_3/InP junctions 33704
Korobov, Yu.F. Optimization of a multichannel communications system employing frequency division of asynchronous signals 13992
Korol, A.S. *see* Oseledchik, Yu.S. 26398
Korol', E.N. *see* Aleksandrov, Yu.N. 29736
Korolenko, P.V. *see* Vol'pov, A.L. 14919
Korolev, A.E., Nazarov, V.N. Resonance dynamic gratings as the feedback element in the external cavity of a semiconductor laser 12123
Korolev, A.E. *see* Khasanov, O.K. 11567
Korolev, A.L. *see* Gorkunov, E.S. 41526
Korolev, A.N., Kotov, A.F., Yaroshevskaya, K.Sh. Linearization of the equations of nonlinear filtering 13291
Korolev, A.N., Kotov, A.F., Yaroshevskaya, K.S. The equations of state and filtering of processes with a dynamic structure 21737
Korolev, N.I. Reliability of the correlation point-picture matching technique 37006
Korolev, V.D. *see* Gordeev, E.M. 32421
Korolev, Yu.D. *see* Kozyrev, A.V. 10601
Koroleva, L.A., Panchenko, V.P., Sizov, V.V., Tselikov, A.N., Yakushev, A.A., Burakov, V.A., Butov, V.G. Investigation of insulating walls erosion for pulsed MHD generator 25756
Koroleva, L.A. *see* Burakov, V.A. 25706
Korol'kov, S.A., Mamaev, A.V., Shkunov, V.V. Double phase conjugation of asynchronous optical beams 21051
Korol'kov, S.A. *see* D'yakov, V.A. 21050
Korol'kov, V.I., Orlov, N.Yu., Rozhkov, A.V., Sultanov, A.M., Golov, M.A. A generator based on GaAs-AlGaAs photon-injection switch for pulsed pumping of semiconductor laser 12292
Korol'kov, V.I. *see* Abashkina, S.A. 3326
Korol'kov, V.I. *see* Zhebulev, I.A. 28650
Korolyov, A.N. 'ISTOK'—a leading Russian microwave R&D facility 1543
Korona, Z., Kokar, M.M. Landing aircraft tracking using fusion of FLIR and laser range finder 22231
Korondi, P. Comparison of two types of the tolerance band controlled converters 17003
Korostelin, J. *see* Klimakow, A. 33581
Korotaev, I.A. *see* Borovikhin, E.A. 13882
Koroteev, N. *see* Walther, H. *(editor)* 9123
Korotin, B.N. *see* Usanov, D.A. 11128
Korotkov, A.S. Active ladder filter noise analysis by means of continuants 18857
Korotkov, A.S. Minimal number of components in circuits of generalized convertors of impedance 42049
Korotkov, A.S., Mikhalev, P.G. The imittance criterion of the stability of ARC-filters based on positive impedance converters 27050
Korotkov, D.A. About one method of radar image processing 46100
Korotky, S.K. *see* Hansen, P.B. 37985
Korotky, S.K. *see* Heismann, F. 14593
Korotky, S.K. *see* Heismann, F. 38093
Korotun, A.A. *see* Bulychev, Yu.G. 14741
Korovin, L.I. *see* Bryksin, V.V. 3904
Korovin, L.I. *see* Bryksin, V.V. 29033
Korovin, L.I. *see* Bryksin, V.V. 35361
Korovin, V.M., Raikher, Y.L. Increasing the reliability of ultrasonic inspection with use of magnetoliquid acoustic contact 18337
Korpar, S. *see* Cindro, V. 27399
Korpar, S. *see* Staric, M. 46905
Korporaal, A. *see* Adam, W. 7259
Korporaal, A. *see* Adam, W. 31715
Korporal, K.D. *see* Brown, R.J. 32103
Korppi-Tommola, J.E.I. *see* Oksanen, J.A.I. 3734
Korrai, D.R., Reddy, D.C. A fourth order cumulant based adaptive algorithm for the identification of nonlinear Hammerstein models 13437
Kors, J.A. Interference removal with an improved incremental estimation filter 39064
Kors, J.A. *see* Schijvenaars, R.J.A. 39068
Korschinek, G. *see* Henkelmann, T. 46817
Korshunov, A.S. *see* Bogodaev, N.V. 21038
Korshunov, A.S. *see* Bogodaev, N.V. 21052
Korshunov, F.P. *see* Berezina, G.M. 2094
Korshunov, I.P. *see* Armand, N.A. 12790
Korshunov, V.N. *see* Akopov, S.G. 12661
Korshunova, Ye.N., Pereyaslavets, M.L. Approximate method of calculating the excitation of a three-dimensional resonator antenna 12722
Korshunova, Ye.N., Sivov, A.N., Shatrov, A.D. Electrodynamics of plane applicator antennas with semitransparent walls 4289
Korst, J. *see* Essink, G. 18781
Korst, J.H.M. *see* Verhaegh, W.F.J. 26598
Korsunov, A.R. A computer-controlled attenuator for the 1-4-GHz band 42156
Korsunov, A.R., Tsarenko, V.T. A signal compression and protection unit for radiophysical measurements in the 1-4-GHz range 31147
Kort, J.B.J.M.De *see* De Kort, J.B.J.M.
Kort, K.de *see* de Kort, K.
Kortbawi, D. *see* Goyer, J.R. 8683
Korte, C. *see* Alexander, J.P. 24110
Korte, C. *see* Alexander, J.P. 46860
Korte, J.J., Auslender, A.H. Optimization of contoured hypersonic scramjet inlets with a least-squares parabolized Navier-Stokes procedure 15969
Korte, L. *see* Kock, A. 3587
Korte, L. *see* Kock, A. 35770
Korte, L. *see* Kock, A. 35829
Korte, P.A.J.de *see* de Korte, P.A.J.
Kortright, J.B., Gullikson, E.M., Denham, P.E. Masked deposition techniques for achieving multilayer period variations required for short-wavelength (60-Å) soft-X-ray imaging optics 27821
Kortsarz, G. *see* Bar-Ilan, J. 22620
Korvink, J.G. *see* Schwarzenbach, H.U. 31181
Koryabin, A.V., Polezhaev, V.I., Shmal'gauzen, V.I. Measurement of the thermooptic aberrations of active elements based on yttrium aluminate and garnet 28771
Koryabin, A.V. *see* Vorontsov, M.A. 3757
Koryagina, G.M. *see* Bystrova, O.V. 25314
Koryagina, G.M. *see* Morozov, G.N. 25362
Korystin, V.I. Cyclic phasing for composite transmission of binary data using Walsh signals 29737
Korytov, A., Nehrlich, E., Osborne, L.S., Rosenberg, B., Rosenson, L., Ross, G.D., Sears, J., Taylor, F.E., Verdier, R., Wadsworth, B. Performance of limited streamer drift tubes 31775
Korytov, A., Osborne, L.S., Paradiso, J., Rosenson, L., Taylor, F.E. Multi-point wide-range precision alignment technique for the GEM detector 46949
Korytov, A. *see* Kendall, H.W. 46970
Koryukin, I.V. *see* Khanin, Ya.I. 12281
Korze, D., Zazula, D. Higher-order cumulants at signal processing 44930
Korzec, D. *see* Liu, H.X. 34739
Korzhavyy, A.P. *see* Antov, R.D. 1777
Korzhenevich, E.L. *see* Ginzburg, V.M. 15033
Korzhenevich, I.M. Time spread function of electron-optical converter with an accelerating slit diaphragm 1811
Korzhenevich, I.M. Optimum-sensitivity deflection system of high-speed image converter 44253
Korzhenevich, I.M., Rutskoy, B.Yu. Measuring the shape of the short electric pulses of a spark gap by means of an image converter streak camera 31431
Korzhenevich, Ye.L. *see* Ginzburg, V.M. 23915
Korzhik, M.V. *see* Drobyshev, G.Yu. 15687
Korzhik, M.V. *see* Kachanov, V.A. 7163
Korzhik, M.V. *see* Kobayashi, M. 31667
Korzhik, V., Yakovlev, V. Nonasymptotic estimates of information protection efficiency for the wire-tap channel concept 21460
Korzunin, G.S., Tsyrlina, S.I., Chistyakov, V.K., Bratuseva, E.V. Experience with technological quality control of anisotropic transformer steel 41527
Korzycki, E. A possibility and advantages resulting from eliminating of diode fuses in traction rectifiers type PK-09/0.06 48183
Kos, A. A reduction of a thermal model of power hybrid circuits 34459
Kos, A.B. *see* Thompson, C.A. 38473

Kos, T.M. *see* Connors, J.E. 2344
Kosa, T. *see* Hajto, J. 27608
Kosai, H. *see* Garate, E. 46812
Kosaka, H., Ogura, I., Saito, H., Sugimoto, M., Kurihara, K., Numai, T., Kasahara, K. Pixels consisting of a single vertical-cavity laser thyristor and a double vertical-cavity phototransistor 43686
Kosaka, H. *see* Kajita, M. 43683
Kosaka, H. *see* Numai, T. 12193
Kosaka, T., Sagayama, S. An algorithm for automatic HMM structure generation in speech recognition 4558
Kosaka, T., Takami, J., Sagayama, S. Speaker-independent speech recognition and speaker adaptation using speaker-mixture successive state splitting algorithm 44786
Kosaka, T. *see* Sagayama, S. 14081
Kosaki, K. *see* Ishikawa, T. 34248
Kosaki, M. *see* Ishida, T. 6772
Kosaki, M. *see* Nagao, M. 35169
Kosaki, M. *see* Nagao, M. 43144
Kosanovic, B. *see* Mingui Sun 7433
Kosanovich, S., Mittra, R. Modeling of discontinuities in microwave and millimeter wave integrated circuits using the curvilinear finite difference time domain approach 1601
Kosar', A.V., Kozlov, A.V. Spectral characteristics of thin-layer interference filters 3303
Kosar, A.V., Putrina, E.V. The effect of variation of the refractive index and thickness of layers in thin-layer interference filters on their optical parameters 3286
Kosarev, A.I. *see* Florinskii, V.Y. 35036
Kosarev, I.G. *see* Gavrishchuk, O.P. 31765
Kosarev, V.V. *see* Savin, S.K. 22759
Kosareva, O.G. *see* Kandidov, V.P. 28939
Kosareva, Y.G. *see* Lisitsyn, M.V. 39705
Kosc, P., Fedak, V., Profumo, F. AC drives for high performance applications using fuzzy logic controllers 17427
Kosc, P., Profumo, F., Fedak, V. Robust fuzzy logic control for DC motors speed-loop 25462
Kosch, H.H.J., Rossier, F., Sturm, J., Wustefeld, K.H. Linking design tools for effective top-down design 26900
Koscielniak, S.R. Some longitudinal dynamics of bunched beams 31598
Kosek, J. *see* Sarangapani, S. 17302
Kosek, J. *see* Surampudi, S. 33014
Kosek, J.A. *see* LaConti, A.B. 17143
Koseki, H. *see* Sugimoto, T. 9006
Koseki, H. *see* Tsutsu, H. 27804
Koseki, T., Sone, S., Yokoi, T., Ebihara, D., Noda, Y., Osawa, S. Investigation of secondary slot pitches of a cage-type linear induction motor 48361
Koseki, T. *see* Hashimoto, Y. 23960
Koseki, Y. *see* Inoue, T. 27000
Koseki, Y. *see* Inoue, T. 41936
Koseki, Y. *see* Sawada, M. 42953
Kosel, P.B., Krishna, T.R. Computer simulation and characterization of MBE growth of heterostructures in AlGaAs/GaAs 2593
Kosel, T. *see* van Daalen, M. 34203
Koseleff, P.-V. Relations among Lie formal series and construction of symplectic integrators 9467
Koselja, M., Kubelka, J., Kvapil, J. Cooperation effect of radiation in Nd:YAP 28753
Koseluk, B. *see* Roberts, D. 47275
Kosevich, A.M. *see* Voinova, M.V. 20118
Koshchavtsev, N.F. *see* Aleksandrovich, S.V. 3229
Koshcheev, L.A., Posse, A.V., Shershnev, Yu.A. Prospects in applications of turn-off rectifiers in power engineering 47970
Koshel, J. *see* Wong, V. 20963
Koshelets, V.P., Shitov, S.V., Shchukin, A.V., Baryshev, A.M., Filippenko, L.V., Fischer, G.M., Mygind, J. Josephson tunnel junction microwave attenuator 10492
Koshelev, O.G., Mikhailov, I.V. A phase method for defining the lifetime of minority charge carriers in the base of a photoconverter 33039
Koshelev, V.I. *see* Bugaev, S.P. 27413
Koshevaya, S.V. *see* Gontar, I.A. 44352
Koshiba, M., Sasaki, S., Hirayama, K. A simple analysis method for a planar dielectric waveguide with periodic metal strips 4200
Koshiba, M., Zhuang, X.-P. An efficient finite-element analysis of magnetooptic channel waveguides 21315
Koshiba, M. *see* Alam, M.S. 21356
Koshiba, M. *see* Gotoh, H. 1898
Koshiba, M. *see* Hayata, K. 3805
Koshiba, M. *see* Hayata, K. 29021
Koshiba, M. *see* Hirayama, K. 12692
Koshiba, M. *see* Hirayama, K. 21299
Koshiba, M. *see* Kaji, R. 11261
Koshiba, M. *see* Maruyama, S. 36344
Koshiba, M. *see* Tsuji, Y. 1899
Koshiba, M. *see* Xiu-Ping Zhuang 35423
Koshiba, M. *see* Yamamoto, T. 36326
Koshiba, M. *see* Yamamoto, T. 44511
Koshiba, S., Noge, H., Akiyama, H., Inoshita, T., Nakamura, Y., Shimizu, A., Nagamune, Y., Tsuchiya, M., Kano, H., Sakaki, H., Wada, K. Formation of GaAs ridge quantum wire structures by molecular beam epitaxy on patterned substrates 18209
Koshiba, S., Noge, H., Ichinose, H., Akiyama, H., Nakamura, Y., Inoshita, Y., Someya, T., Wada, K., Shimizu, A., Sakaki, H. MBE growth of GaAs nanometer-scale ridge quantum wire structures and their structural and optical characterizations 41349
Koshiba, S. *see* Nakamura, Y. 41344
Koshiba, Y. *see* Morishita, K. 20309
Koshida, N., Koyama, H. Luminescence from silicon 11826
Koshida, N., Koyama, H., Yamamoto, Y., Collins, G.J. Visible electroluminescence from porous silicon diodes with an electropolymerized contact 20543
Koshii, H. Simulator training for PWR operators at NTC 16580
Koshikawa, S., Kobayashi, K., Eizawa, T. Wiener-Hopf analysis of the high-frequency diffraction by a strip: higher order asymptotics 4054
Koshimizu, H., Murakami, K., Numada, M. On the warp model of Hough transform—for designing transform functions of EHT 36903
Koshinz, D.G. *see* Beranek, M.W. 23683
Koshinz, D.G. *see* Capron, B.A. 45945
Koshiro, I. *see* Miyamoto, H. 17361
Koshisako, H. *see* Tsujino, J. 16902
Koshishiba, H., Yoshimura, M., Nakagawa, Y. Simulation of X-ray generation based on electron trajectory calculation 31815
Koshkarev, D.G., Vorobiev, L.G. New algorithm for RFQ matching sections design 7008
Koshmak, V.K., Makkaveyev, V.I., Svetikov, Y.V. Mathematical modeling of digital optical fiber transmission systems operating at rates of up to 10 Gbit/s* 14613
Koshner, V. *see* Kaminskii, A.A. 3498
Koshoubu, N. *see* Yamada, Y. 15127
Kosichkin, Yu.V. *see* Bryanov, D.I. 1931
Kosicka, M. *see* Nieniewski, M. 16896
Kosicki, M., Dylis, W. Load dividing regulation of mechanically coupled drives 48493
Kosicki, M. *see* Janaszek, M. 48154
Kosiec, J. *see* Bachler, J. 46934
Kosier, S.L., Shrimpf, R.D., Nowlin, R.N., Fleetwood, D.M., DeLaus, M., Pease, R.L., Combs, W.E., Wei, A., Chai, F. Charge separation for bipolar transistors 34922
Kosina, H., Selberherr, S. A hybrid device simulator that combines Monte Carlo and drift-diffusion analysis 28071
Kosinski, J. *see* Himmel, J. 20117
Kosinski, J. *see* Lu, Y. 27529
Kosinski, J. *see* McGowan, R. 2748
Kosinski, J. *see* McGowan, R. 2776
Kosinski, J.A., Ballato, A. Designing for low acceleration sensitivity 11394
Kosinski, J.A., Ballato, A. Advances in acceleration sensitivity measurement and modeling 20102
Kosinski, J.A. *see* Gualtieri, J.G. 11357
Kosinski, J.A. *see* Gualtieri, J.G. 20048
Kosinski, J.A. *see* Gualtieri, J.G. 35139
Kosinski, J.A. *see* Montress, G.K. 18518
Kosinski, S.G. *see* Krause, J.T. 35414
Kosintsev, V.A. *see* Bratash, V.A. 40686
Kosintsev, V.A. *see* Zhaboev, M.N. 40689
Koska, W. *see* Wake, M. 15366
Koske, P. *see* Grajew, G. 37613
Koski, A. *see* Kontro, J. 6269
Koskinen, K., Makela, H., Rintanen, K., Penttinen, A., Halme, A. A piloting system for autonomous robots in outdoor applications 13383
Koskinen, K. *see* Kauppi, I. 15218
Koskinen, L., Astola, J. Soft morphological filters: a robust morphological filtering method 36882
Koskinen, L. *see* Kuosmanen, P. 21760
Koskinen, M., Kostamovaara, J. An averaging mode time-to-amplitude converter with picosecond resolution 10375
Koslov, J.W. Service time patterns for engineering support activities 40864
Koslowski, B., Baur, C., Moller, R., Dransfeld, K. Atomic scale variation of tunneling current noise on GaAs(110) measured by scanning tunneling microscopy 27481
Koslowski, H., Gastaldi, P. A new hybrid electric vehicle concept 48257
Koslowski, H.R. A real-time multiradian phase detector for interferometry based on a digital phase locked loop circuit 38435
Kosman, S. *see* Hseih, B.-C. 2686
Kosmin, L.J. Teaching Internet end-users effective searching strategies across diversified databases 14233
Kosmin, L.J. Finding elusive E-mail addresses using online resources 30356
Kosmol, P., Nissen, I. A minimal residual class of algorithms for linear systems 33528
Kosnik, W. Controlling contrast in target acquisition simulations involving complex backgrounds 16108
Kosolap, D.N., Sukhodoev, P.F., Srybnik, M.V., Miroshnichenko, V.A. Stability of the rate of scanning a laminated optical deflector 20957
Kosolapenko, V.I. *see* Erukhimov, L.M. 44346
Kosonocky, W.F. *see* Chen, S.Y. 31908
Kossanyi, J. *see* Bachir, S. 35566
Kossat, R. *see* Loch, M. 14588
Kossat, R. *see* Loch, M. 38027
Kossentini, F., Chung, W.C., Smith, M.J.T. Low bit rate coding of Earth science images 7580
Kossentini, F., Smith, M.J.T., Barnes, C.F. Finite-state residual vector quantization 45215
Kossiavas, G. *see* Brachat, P. 36425
Kossler, R.D. *see* Collins, J. 29169
Kosslowski, S., Dickmann, J., Narozny, P., Geyer, A., Maile, B.E., Schurr, A., Haspeklo, H., Wolk, C., Dambkes, H., Wolff, I. InP based high gain Ka-band three stage coplanar waveguide monolithic amplifier 19144
Kosslowsky, S. *see* Paoloni, C. 1589
Kost, A. *see* Jinxing Shen 44252
Kostal, E. *see* Klima, M. 6367
Kostamovaara, J. *see* Kaisto, I. 46622
Kostamovaara, J. *see* Kilpela, A. 6145
Kostamovaara, J. *see* Koskinen, M. 10375
Kostamovaara, J. *see* Maatta, K. 6792
Kostamovaara, J. *see* Maatta, K. 6806
Kostamovaara, J. *see* Nissila, S. 3530
Kostamovaara, J. *see* Ruha, A. 47093
Kostanyan, R.B. *see* Arutyunyan, S.M. 28750
Kostarakis, P. *see* Adam, W. 7259
Kostarakis, P. *see* Adam, W. 31715
Kostarakis, P. *see* Dangakis, K. 37826
Kostarakis, P. *see* Papavramidis, A. 37801
Kostecki, E. *see* Lamoree, J.D. 32349
Kostek, P. *see* Oman, H. 24382
Kostek, S., Randall, C.J. Modeling of a piezoelectric transducer and its application to full waveform acoustic logging 32076
Kostek, S. *see* D'Angelo, R. 16057
Kostelak, R.L., Pierrat, C., Garofalo, J.G., Vaidya, S. Printing of phase-shifting mask defects 27944
Kostelak, R.L. *see* Fullowan, T.R. 10899
Kostelak, R.L. *see* Garofalo, J. 26898
Kostelich, E.J. Nonlinear dynamics and time series analysis: a basic introduction 36449
Kostenberger, G. Hydrology and water industry [Koralpe power station] 40049
Kostenich, Yu.V. *see* Bermas, T.B. 43752
Kostenko, M.V. Parabolic approximation method of solving equations [in engineering problems] 18068
Kostenko, M.V., Novikova, A.N. Probability of lightning breakthrough on overhead transmission line conductors: operating experience and its generation 24996
Kostenko, V.A. The features of the construction of effective computer systems for digital signal processing based on systolic processors 14923
Koster, M. *see* Biesenack, J. 33836
Koster, N.B. *see* Louis, E. 26510
Koster, U., Blennemann, K.P., Schulte, A. Contact reactions at Cu/a-Ge thin film couples 27575
Koster, W. *see* Feder, D.O. 17228
Kostial, H. *see* Daweritz, L. 26401
Kostial, H. *see* Daweritz, L. 41351
Kostial, H. *see* Krispin, P. 10706
Kostic, D.J., Bojkovic, Z.S. An analytic solution of the choppers ripple currents 48000
Kostic, I. *see* Rangelow, I.W. 28038
Kostic, I. *see* Safrankova, J. 38510
Kostic, M.B., Shirkoohi, G.H. Numerical analysis of a class of foundation grounding systems surrounded by two-layer soil 25016
Kostic, Z.I. *see* Maric, S.V. 5568
Kostin, A.A. *see* Baksht, F.G. 38823
Kostin, M.V., Shevchenko, V.V. Theory of artificial magnetic substances based on ring currents 2781
Kostin, N.A., Tavkina, T.P. Source of reverse pulse current for plating baths 9038
Kostinski, A.B., Kwiatkowski, J.M., Jameson, A.R. Spaceborne radar sensing of precipitation above an ocean surface: polarization contrast study 39382
Kostinski, A.B. *see* Wang, Z. 46071
Kostiouchenko, S.V. *see* Filiouguine, I.V. 11981
Kostiouchenko, S.V. *see* Filiouguine, I.V. 11982
Kostka, P. *see* Henschel, H. 15623
Kostogiannis, J., Perkis, A. A robust error masking hybrid spectral quantisation scheme for noisy channels 13025
Kostov, A. *see* Popovic, D.B. 24323
Kostov, K.G. *see* Vichev, B.I. 14958
Kostov, K.G. *see* Yovchev, I.G. 21176
Kostromin, V.P. *see* Dumesh, B.S. 10618
Kostrzewski, A. *see* Lin, F. 3899
Kostrzewski, A. *see* Sadovnik, L. 36859
Kostsov, E.G. Electrooptical memory medium based on thin ferroelectric films 28434
Kostuk, R.K. *see* Kim, T.J. 38725
Kostyuk, V.S. *see* Mogilenko, N.F. 9891
Kostyukovskii, A.G. Information model of a tracking heliostat for a tower power plant 40060
Kostyukovskii, A.G. *see* Artemiev, V.M. 32797
Kosuge, K. *see* Kitamura, M. 12159
Kosuge, M. *see* Tanaka, S. 27006
Kosugi, H., Matsumoto, T., Uwano, T., Enoki, T. A high-efficiency linear power amplifier using an envelope feedback method 18509
Kosugi, H. *see* Adachi, H. 18514
Kosugi, M. Robust identification of human face using mosaic pattern and BPN 4888
Kosugi, S., Maeno, K., Honma, H. Effects of xenon gas on generation and propagation of

shock waves in the cavity of excimer laser 11986
Kosugi, S., Maeno, K., Honma, H. Measurement of gas temperature profile in discharge region of excimer laser with laser Schlieren method 12016
Kosugi, S. *see* Maeno, K. 11978
Kosugi, T., Iwase, H., Gamo, K. Characteristics of ion beam assisted etching of GaAs surface stoichiometry 27738
Kosy, D.W., Grinberg, V.S., Siegel, M.W. Screening digital relay data to detect power network fault response anomalies 47576
Kosyakin, S.V. *see* Lotkova, Ye.D. 10314
Kosykh, A.V., Ionov, B.P., Vasiliev, A.M. Temperature dynamic model and temperature dynamic compensation of crystal oscillators 20082
Kosynkin, V.D. *see* Gembarzhevskii, G.V. 14983
Kot, A.C., Tufts, D.W., Vaccaro, R.J. Analysis of linear prediction by matrix approximation 21720
Kot, C. *see* Ng, B.P. 36661
Kot, J.S. Application of Nystrom methods to electric- and magnetic-field integral equations 4252
Kot, J.S. *see* Batechlor, R.A. 5733
Kot, M. *see* Walachova, J. 42458
Kot, N.Cl. *see* Aleksandrov, A.V. 7142
Kot, N.Cl. *see* Aleksandrov, A.V. 31655
Kot Chichung *see* Chichung Kot
Kota, C. *see* Demczyk, B.G. 34813
Kota, C. *see* Maughan, R.L. 31979
Kota, K., Cavallaro, J.R. CMOS processor element for a fault-tolerant SVD array 34110
Kotaev, G.G. *see* Apanasevich, P.A. 3882
Kotaka, H. *see* Hoshino, K. 2895
Kotaka, I. *see* Mitomi, O. 43532
Kotaka, I. *see* Sato, K. 35626
Kotaka, I. *see* Wakita, K. 20791
Kotaka, I. *see* Wakita, K. 28518
Kotaka, I. *see* Wakita, K. 35456
Kotaki, H., Takegawa, Y., Mori, Y., Mitsuhashi, K., Takagi, J. Elevated polycide source/drain shallow junctions with advanced silicidation processing and Al plug/collimated PVD (physical vapor deposition)-Ti/TiN/Ti/polycide contact for deep-submicron complementary metal-oxide semiconductors 42763
Kotaki, Y., Soda, H. Analysis of static and dynamic wavelength shifts in modulator integrated DFB lasers 35824
Kotani, K. Fundamentals and application of color image processing technology. 9. Color reproduction in computer graphics 36938
Kotani, K. *see* Gan, Q. 22146
Kotani, K. *see* Myung Hwan Yun 14974
Kotani, K. *see* Seki, H. 35938
Kotani, K. *see* Shibata, T. 33964
Kotani, M., Fujimoto, K., Matsumoto, H. Evaluation method for defect depth with acoustic impulse signal 9866
Kotani, M., Matsumoto, H., Kanagawa, T. Performance of neural networks having non-monotonous activation functions 32141
Kotani, M. *see* Suzuki, M. 13279
Kotani, M. *see* Yamazaki, K. 24137
Kotani, N. *see* Kunikiyo, T. 42967
Kotani, N. *see* Sayama, H. 26941
Kotani, N. *see* Tanizawa, M. 28132
Kotani, T., Nakanishi, T., Nomura, K. Fabrication of a new pyroelectric infrared sensor using MgO surface micromachining 31230
Kotani, T. *see* Torii, Y. 35254
Kotecki, D.E., Colgan, E.G., Rose, A. Reactor issues important for the deposition of selective tungsten by chemical vapor deposition using the SiH_4 reduction of WF_6 41487
Kotegawa, R. *see* Miura, N. 11950
Kotegawa, R. *see* Miura, N. 35668
Kotelenetz, N.F. On evaluation of effectiveness of electromechanical energy conversion (as a discussion) 47832
Koteles, E.S. The use of strain of optimize quantum well device performance 12210
Koteles, E.S., Choudhury, A.N.M.M., Levy, A., Elman, B., Melman, P., Koza, M.A., Bhat, R. Quantum well shape modification in quaternary quantum wells 2040
Kotel'nikov, I.N., Rylik, A.S., Shul'man, A.Ya. Magnetooscillations and anisotropy of the zero-voltage anomaly in an *n*-GaAs/Au tunnel junction in a quantizing magnetic field 34606
Kotel'nikov, I.N. *see* Ganichev, S.D. 38518
Kotel'nikov, I.N. *see* Mokerov, V.G. 42652
Kotelnikov, S., Galaktionov, V., Karpinchik, K., Stepanov, E. Diode laser-based spectroscopy in atmospheric monitoring in Karadag National Park 24497
Kotenko, L.P. *see* Doronin, S.A. 36696
Kotera, H., Kanamori, K. Fundamentals and application of color image processing technology. 5. Color reproduction in printing and hardcopy 4944
Kotera, M., Yamaguchi, S., Umegaki, S., Suga, H. Simulation of scanning electron microscopy image for trench structures 28057
Kotha, A. *see* Harvey, J.E. 36222
Kothari, D.P. *see* Verma, H.K. 7806
Kothari, M.L., Nanda, J., Bhattacharya, K. Discrete mode power system stabilisers 7841
Kothari, M.L. *see* Nanda, J. 32213
Kothari, R. *see* Qian, G. 43348
Kothe, D. *see* Buksa, J. 24444
Kother, D. *see* Becks, T. 42230
Kotikova, L. *see* Skorynin, Yu.V. 38382
Kotilainen, P. *see* Gustafsson, J. 6980
Kotilainen, P. *see* Gustafsson, J. 46790
Kotkin, G.L. *see* Ginzburg, I.F. 15573
Kotlar, A.J. *see* Miller, M.S. 6844
Kotler, V.R. *see* Burov, D.V. 16647
Kotlicki, A. *see* Meagher, G. 24042
Kotlikov, E.N., Shifrin, B.F. Minimization of absorption in mirrors based on fluoride and zinc selenide films 3287
Kotlyar, V.V. *see* Doskolovich, L.L. 12288
Kotlyarov, V.N. Method of determining limiting operating conditions of wideband multipole oscillators 10008
Kotoh, K., Irube, M., Muta, M., Nishikawa, M. Analytical method of calibration for moisture sensor of capacitor type 6862
Kotoh, M. *see* Taniguchi, H. 20330
Kotov, A.F. *see* Korolev, A.N. 13291
Kotov, A.F. *see* Korolev, A.N. 21737
Kotov, A.K., Reznik, A.N. A frequency-independent antenna matching HTSC microbolometer 2886
Kotov, A.S. Heat-conducting unit for the insulation of powerful semiconductor instruments from coolants 33385
Kotov, I. *see* Denisov, S. 31708
Kotov, I.V., Krasnokutskii, R.N., Kurbakov, V.I., Shchukin, A.V. A scintillation 1024-channel hodoscope (photomultiplier, voltage divider, and power supply) 7212
Kotov, I.V. *see* Gilitskii, Yu.V. 46921
Kotov, I.V. *see* Vasil'ev, A.V. 7195
Kotov, I.V. *see* Vasil'ev, A.V. 7211
Kotov, N.V., Kurochkin, V.V. Estimation of a coefficient of compression of generated colored images by the LZW method 37003
Kotov, V.G. *see* Ganefeld, R.W. 25728
Kotov, V.M. Composite switching of 2×2 optical channels 28566
Kotov, V.M. Acousto-optic frequency splitter-shifter for fiber-optic gyroscopes 31255
Kotov, V.M., Shkerdin, G.N. Two-coloured Bragg splitting [for laser anemometers] 3245
Kotov, Yu.A., Mesyats, G.A., Rukin, S.N., Filatov, A.L. Solid-state current switch for the generation of nanosecond power pulses 25520
Kotov, Yu.D., Kurochkin, A.V., Suslov, A.Yu., Yurov, V.N., Galochkin, K.E., Malinovskaya, S.A., Kornilonvskaya, L.D., Lebedeva, L.P. Scintillator anticoincidence detector using wavelength-shifting lightguides 31769
Kotova, S.P. *see* Chernyshev, A.K. 43892
Kotrba, V. Heat transfer and air flow through interrib channel of closed induction motor 40212
Kotropoulos, C., Auge, E., Pitas, I. Two-layer learning vector quantizer for color image quantization 21994
Kotropoulos, C., Magnisalis, X., Pitas, I., Strintzis, M.G. Nonlinear ultrasonic image processing based on signal-adaptive filters and self-organizing neural networks 39016
Kotrotsios, G. *see* Binggeli, M. 6537
Kotsarevskaya, I.V. Impact of filling parameters on dispersion of H_{0p} modes in multicomposition cylindrical waveguides 29241
Kotschenreuther, J. Intelligent networks: market and customer requirements 45662
Kotsuji, A. *see* Matsuki, J. 40118
Kotsuka, Y., Enomoto, K., Uchida, H. Analysis of mean scattered power on the basis of formulation of quasi-Gaussian distribution 4072
Kotta, G. *see* Shultz, E.K. 14093
Kottapalli, K., Gerber, J., Pengelly, R.S. SPICE simulator speeds microwave and RF analysis 19019
Kottapalli, K. *see* Hill, A. 10505
Kottapalli, K. *see* Petre, P. 27167
Kotthaus, J.P. *see* Hertel, G. 42520
Kotthaus, J.P. *see* Lettau, C. 42517
Kotthaus, J.P. *see* Simon, A. 15027
Kotthaus, J.P. *see* Utzmeier, T. 42500
Kotthoff, K. Evaluation of operating experience 25138
Kottick, D., Blau, M. Operational and economic benefits of battery energy storage plants 16740
Kottick, D., Blau, M., Edelstein, D. Battery energy storage for frequency regulation in an island power system 24674
Kottke, B. *see* Faltin, K. 16492
Kottke, M.L. *see* Sitaram, A.R. 2110
Kottsieper, J., Waldschmidt, K. Application of the novel associative programmable array-structure multi-match-PLA in synthesis of decomposed finite state machines 1126
Kotula, F. *see* Robinson, J.D. 7363
Kotzar, G. *see* Singerman, R. 24150
Kotze, J.J., Van Schalkwyk, J.J.D. Image coding through skeletonization 13830
Kotzias, B.D., Murray, D.O., III Review of a photodefinable polyimide process for manufacturing multichip modules 9257
Kotzias, B.D., Nader, A.E., Murray, D.O., III, Lautenberg, W.J. Application of a photodefinable polyimide process for manufacturing multichip modules 309
Kotzle, G. Radiometry—when other methods fail 31819
Kou, S. *see* Lin, M.H. 650
Kou, S. *see* Ming-Hsien Lin 651
Kou, Y. *see* Jabbari, B. 4814
Kou-Chen Liu *see* Biing-Der Liu 28160
Kouada, A.I. On the propriety of domination and the existence of Pareto-efficient points in convex vector-valued optimisation 41111
Kouba, E.T., Rogers, K., Ruck, D.W., Bauer, K.W., Jr. Recurrent neural networks for radar target identification 30869
Koubao Ding, Xiumiao Zhang Field-enhanced carrier-generation effect of deep-level centers in semiconductors 10642
Koubele, V. *see* Hlidek, P. 20523
Koubias, S. *see* Kopsachilis, V. 5535
Koudriavtsev, N.N. *see* Filiouguine, I.V. 11981
Koudriavtsev, N.N. *see* Filiouguine, I.V. 11982
Koui, Y., Seno, S., Takada, Y., Ideguchi, T., Ishizaka, M. Proposal and evaluation of time critical communication protocol on LAN 22638
Kouki, A.B., Khebir, A., Bosisio, R.G., Ghannouchi, F.M. A novel technique for the analysis of dielectric height variations in microstrip circuits 34211
Kouki, A.B., Mittra, R., Chi Hou Chan Analysis of a thin slot discontinuity in the reference plane of a microstrip structure 18954
Koukos, A.K. *see* Mitrou, N.M. 13860
Koukourlis, C.S., Houlis, P.H., Sahalos, J.N. A general purpose differential digital modulator implementation incorporating a direct digital synthesis method 41718
Koukourlis, C.S., Trigonidis, V.K., Sahalos, J.N. Differential synchronous demodulation for small signal amplitude estimation 18528
Koukourlis, C.S. *see* Kyriacou, G.A. 24267
Koul, R. *see* Bhat, C.L. 31793
Koul, R.Kumar *see* Kumar Koul, R.
Koulisch, M., Morel, F. Protection of a high-voltage industrial network: example of the Solvay factory at Tavaux 17638
Koullias, I.A., Havens, J.H., Post, I.G., Bronner, P.E. A 900 MHz transceiver chip set for dual-mode cellular radio mobile terminals 37861
Koullias, I.A. *see* Stetzler, T.D. 10135
Koulsha, A.V. *see* Phelps, R.A. 38798
Koumaru, M. *see* Kametani, H. 10764
Koumaru, M. *see* Uedono, A. 19471
Koumpis, A. *see* Stephanidis, C. 37567
Kounavis, P., Mytilineou, E. Trapping and recombination processes in amorphous semiconductors studied by the optical bias dependence of the modulated photoconductivity 34544
Kouno, T. *see* Kaneko, S. 38096
Kouno, T. *see* Kawamura, T. 40374
Kouno, T. *see* Takahashi, T. 38635
Kounushi, F. *see* Matsumoto, N. 35898
Kouptsidis, J. *see* Balewski, K. 46775
Koura, M. *see* Takayanagi, K. 34946
Kouris, S.S. *see* Polichronakis, I.P. 21341
Kourkoumelis, C. *see* Adam, W. 46929
Kourkoutas, C.D., Papaioannou, G.J. A fast solution of Poisson's equation in FETs 28061
Kourkoutas, C.D. *see* Euthymiou, P.C. 7201
Kourogi, M., Enami, T., Ohtsu, M. A monolithic optical frequency comb generator 43535
Kourogi, M., Nakagawa, K., Ohtsu, M. A highly accurate frequency counting system for 1.5 μm wavelength semiconductor lasers 3660
Kourogi, M., Nakagawa, K., Ohtsu, M. Wide-span optical frequency comb generator for accurate optical frequency difference measurement 35499
Kourogi, M. *see* Nakagawa, K. 35955
Kourra, L., Tanaka, Y. Dedicated silicon solutions for fuzzy logic systems 41965
Kousa, M.A., Turner, L.F. Multichannel adaptive forward error-correction system 5136
Kousik, G.S. *see* Ling, Z.G. 34499
Koussoulas, N.T. Performance analysis of circuit-switched networks with state-dependent routing 22373
Koutchouk, J.-P. Self-compensation of the LEP distributed skew gradient 6927
Koutras, C. *see* Shacham-Diamand, Y. 783
Koutras, M.V., Papadopoulos, G.K., Papastavridis, S.G. Reliability of 2-dimensional consecutive-k-out-of-n:F systems 41026
Koutroubinas, S. *see* Antonakopoulos, T. 5455
Koutsonikos, J. *see* Antonakopoulos, T. 5455
Koutsougeras, C. *see* Israel, P. 28515
Koutsoukos, A. *see* Doran, W.G. 32649
Kouvatsos, D. Maximum entropy analysis of queueing network models 5224
Kouvatsos, D.D. Entropy maximisation and queueing network models 30201
Kouvatsos, D.D., Tabet-Aouel, N.M., Denazis, S.G. Approximate analysis of discrete-time networks with or without blocking 45318
Kouvatsos, D.N., Kung, J.-H., Hatalis, M.K., Jaccodine, R.J. Fluorinated gate oxide films utilized in polysilicon thin transistors 11230
Kouvatsos, D.N. *see* Kung, J.-H. 28182
Kouw, P.M. *see* de Vries, J.P.P.M. 7391
Kouwenberg, B. *see* Kaptein, E. 26169
Kouzaki, T. *see* Niwa, M. 42576
Kouzaki, T. *see* Ogawa, S. 801
Kouzaki, T. *see* Ogawa, S. 10757

Kouzeki, D. *see* Nakanishi, S. 9194
Kouzes, R.T., Lowry, M.M. ACQUIRE: a data acquisition system for CAMAC on SUN workstations 46320
Kouzumi, H., Kuroda, K., Suzuki, T. Optical measurement of crack propagation with high resolution 900
Kovac, J. *see* Satka, A. 43637
Kovac, M., Ranganathan, N. ACE: a VLSI chip for Galois field GF(2^m) based exponentiation 41951
Kovac, O. *see* Kapas, M. 6410
Kovac, R.J. *see* Green, G.D. 2976
Kovacevic, J. *see* Herley, C. 13303
Kovacevic, J. *see* Herley, C. 44969
Kovacevic, M.A. *see* Stojcev, M.K. 33819
Kovach, K., Alexander, P., Johnson, D. The ARINC veracious differential reference station concept and status 46129
Kovacic, S.J. *see* Swoger, J.H. 3336
Kovacic, Z., Bogdan, S., Ban, Z., Crnosija, P. Adaptive time optimal control of thyristor converter current 8658
Kovacich, M. Track acquisition performance analysis 29638
Kovacik, J.M. *see* Chase, D.L. 8196
Kovacik, J.M. *see* Garrity, T.F. 7904
Kovacs, A. Simulation of substations based on nonnumerical methods 32981
Kovacs, A. *see* Huster, R. 27709
Kovacs, A.L. *see* Dolhert, L.E. 9285
Kovacs, F., Hosszu, G. A proposed method for dynamic fitting of MOS model parameters 19821
Kovacs, G., Lubking, G.W., Vellekoop, M.J., Venema, A. Love waves for (bio)-chemical sensing in liquids 15097
Kovacs, G., Szatmari, S. Parallel operation of gas-filled switches using current-balancing transformers 8687
Kovacs, G., Szatmari, S. KrF gain module for short-pulse off-axis amplification 28743
Kovacs, G. *see* Martinoia, S. 7427
Kovacs, G. *see* Opris, I. 34160
Kovacs, K. Analysis of negative sequence capability of turbogenerator rotors 40113
Kovacs, M. *see* Limpaecher, R. 32118
Kovacs, S.J. *see* Hall, A.F. 7412
Kovacs, Z. *see* Szabo, L. 40269
Kovacs, Z. *see* Viorel, I.A. 40268
Kovacs, Z.M. *see* Dalla Betta, G.F. 1378
Kovacs, Z.M.V. *see* Golzio, D. 36272
Koval, D.O., Leonard, J., Licsko, Z.J. Power quality of small rural industries 9016
Koval, D.O., Ratusz, J.-P. Substation reliability simulation model 25619
Koval, D.O. *see* Hughes, B.M. 47500
Koval', I. *see* Sherstobitov, V.E. 21056
Koval, V.P. *see* Zagoruiko, V.V. 19085
Koval, Y.I. *see* Borzenko, T.B. 27752
Kovalchick, J. *see* Katz, A. 42788
Kovalchik, P.G. *see* Yenchek, M.R. 9066
Koval'chuk, B.M. *see* Abdullin, E.N. 3429
Kovalcin, S. *see* Gardos, M. 32482
Kovalen', V.Yu. *see* Belyaev, V.N. 46991
Kovalen', V.Yu. *see* Belyaev, V.N. 47009
Kovalenko, A.D. *see* Issinsky, I.B. 46804
Kovalenko, A.N., Kozlov, A.Yu. Electrodynamical model of thin-film resistor 10589
Kovalenko, A.N., Kozlov, A.Yu. A mathematical model of a lossy microstrip line 18952
Kovalenko, A.V., Bochkova, T.M. Ionizing radiation detectors in the form of scintillator substrate-planar $ZnSe_xTe_{1-x}$ photodetector-ZnSe structures 15645
Kovalenko, A.V. *see* Mekekechko, A.Yu. 6647
Kovalenko, O.V. *see* Kabanova, M.V. 34304
Kovalenko, P.P. *see* Abdushukurov, D.A. 38843
Kovalenko, V.A. *see* Brykin, M.V. 25735
Kovalenkova, N.V. *see* Vinogradov, K.M. 21932
Kovalev, A.A., Zhdanovich, S.N. Recording and development of optical information on photothermoplastic media by using YAG-Nd laser radiation 11565
Kovalev, A.S. *see* Vasil'eva, A.N. 27397
Kovalev, B.F. Algorithm for calculating the inductive resistance of rotor scattering in a salient-pole asynchronous condenser motor with magnetic shunts 40164
Kovalev, F.I. *see* Florentsev, S.N. 40334
Kovalev, K.L. *see* Kovalev, L.K. 25773
Kovalev, L.K., Larionoff, A.E., Poltavets, V.N., Kovalev, K.L. Theoretical and experimental studies of Faraday multi-pole MHD generators 25773
Kovalev, L.K. *see* Bout, D.A. 25722
Kovalev, M.M., Pisaruk, N.N. A matroid approach to decomposition 9869
Kovalev, N.N. Hydroelectric plant turbines (state-of the art and problems) 25257
Kovalev, S.S. *see* Katalev, V.V. 15461
Kovalev, V.G. *see* Leonov, V.V. 40669
Kovalevich, O.M. *see* Gordon, B.G. 8067
Kovalevskaya, G.G., Meredov, M.M., Russu, E.V., Salikhov, Kh.M., Slobodchikov, S.V. Si MOS photodetectors as detectors of hydrogen 34607
Kovalevskaya, G.G. *see* Slobodchikov, S.V. 11846
Koval'skaya, R.I. *see* Abramov, B.I. 40524
Kovalsky, L.J. Current consolidation system hardware for the lA_4 MHD channel 25364
Kovanic, P. Smart matrices 21818
Kovanis, V. *see* Dunlap, D.H. 1351
Kovanis, V. *see* Newell, T.C. 33931
Kovanis, V. *see* Newell, T.C. 36635
Kovanis, V. *see* Simpson, T.B. 43944
Kovar, J. *see* Schmiedberger, J. 12008
Kovar, J. *see* Schmiedberger, J. 35669
Kovar, M., Dvorak, L., Cerny, S. Application of pyroelectric properties of $LiTaO_3$ single crystal to microcalorimetric measurement of the heat of adsorption 23928
Kovar, M. *see* Yan, J. 34781
Kovaucevic, M. *see* Bannister, J. 5562
Kovbasiuk, V.I. *see* Buznikov, A.E. 25727
Kovbasiuk, V.I. *see* Bystrova, O.V. 25314
Kovrigin, A.I. *see* Golovnin, I.V. 28910
Kovtonyuk, N.F., Boproshnev, A.V., Klyukin, A.L., Sokolov, A.V. Liquid-crystal display with a space-time light modulator 3225
Kovtonyuk, N.F. *see* Belyaev, V.V. 3226
Kovtun, V. *see* Bellamy, E.H. 46956
Kovyazina, T., Kutas, A., Khitko, V., Gaiduk, P., Komarov, F., Solovev, V., Bondarenko, V., Troyanova, G. Heteroepitaxy of GaAs on porous silicon: the structure of the interface 41251
Kowaka, M., Kobayashi, Y., Wakabayashi, O., Itoh, N., Fujimoto, J., Ishihara, T., Nakarai, H., Mizoguchi, H., Amada, Y., Nozue, Y. Stability of krypton fluoride laser in real stepper mode operation 3414
Kowal, B.W., Scherz, C.J., Quinlivan, R. C-17 flight control system 39164
Kowalczuk, J., Hervigo, R., Ebrahimi, T., Dufaux, F., Moccagatta, I., Mlynek, D., Kunt, M. VLSI implementations for a new video codec 22681
Kowalczuk, Z., Gertler, J. Generating analytical redundancy for fault detection systems using flowgraphs 33440
Kowalczyk, A., Dale, M., Rowles, C. Low cost speech recognition for simple dialogue understanding 13028
Kowalczyk, M.L. *see* Rotman, S.R. 29723
Kowalczyk, M.L. *see* Rotman, S.R. 32157
Kowalczyk, R.S. *see* Jones, C.E. 31632
Kowalczyk, R.S. *see* Poelker, M. 31631
Kowalczyk, S.P., Logdlund, M., Fahlman, M., Salaneck, W.R. Characterization of palladium acetylacetonate as a CVD precursor for Pd metallization 41484
Kowalczyk, S.P. *see* Seidler, P.F. 41485
Kowalczyk, T.C., Singer, K.D., Cahill, P.A. Anomalous dispersion enhanced Cerenkov phase-matching 44106
Kowalczyk, T.C. *see* Beuhler, A.J. 3085
Kowald, W. *see* Boden, A. 38859
Kowalewicz, R., Lubrano di Scampamorte, M., Maury, S., Milner, S., Riege, H., Christiansen, J., Frank, K., Neuner, U., Stetter, M., Tkotz, R. Beam tests with the CERN plasma lens 15411
Kowalski, F.V., Balle, S., Littler, I.C.M., Bergmann, K. Lasers with internal frequency shifted feedback 28911
Kowalski, F.V. *see* Balle, S. 3469
Kowalski, H. Computing at ZEUS 38886
Kowalski, M. *see* Bachler, J. 46934
Kowalski, O.P. *see* Mowbray, D.J. 33629
Kowalski, S. Historical labels in open distributed IT systems: an ITSEC/ECMA specification 22607
Kowalski, S. An accountability server for health care information systems 37403
Kowalski, T. *see* Czolowska, B. 8303
Kowalsky, W., Prank, U. Planar MSM-modulators and photodetectors with integrated Fabry-Perot resonator for arrayed configurations in high bandwidth optical interconnects 3388
Kowalsky, W. *see* Rompf, C. 35627
Kowalsky, W. *see* Rompf, C. 43681
Kowalsky, W. *see* Sickmoller, M. 35571
Kowalsky, W. *see* Sickmoller, M. 46441
Kowel, S. *see* Kulick, J. 29057
Koy Chin Mee *see* Mee Koy Chin
Koya, T. *see* Kizaki, M. 41517
Koya, Y. *see* Sasaki, M. 38563
Koyahara, S. *see* Matsubara, M. 20256
Koyakumaru, Y., Miyanaga, H. Basic characteristics of a self-excited induction generator under secondary excitation at constant voltage 25448
Koyama, E. *see* Hagiwara, H. 31948
Koyama, F., Liou, K.-Y., Dentai, A.G., Raybon, G., Burrus, C.A. GaInAs/GaInAsP strained quantum well monolithic electroabsorption modulator/amplifier by lateral bandgap control with nonplanar substrates 11685
Koyama, F., Liou, K.-Y., Dentai, A.G., Raybon, G., Burrus, C.A. Measurement of chirp parameter in GaInAs/GaInAsP quantum well electroabsorption modulators by using intracavity modulation 43529
Koyama, F., Liou, K.-Y., Dentai, A.G., Tanbun-ek, T., Burrus, C.A. Multiple-quantum-well GaInAs/GaInAsP tapered broad-area amplifiers with monolithically integrated waveguide lens for high-power applications 20793
Koyama, F. *see* Baba, T. 20855
Koyama, F. *see* Kaneko, Y. 20762
Koyama, F. *see* Uchida, T. 12190
Koyama, F. *see* Uchida, T. 18226
Koyama, H. *see* Inoue, S. 13485
Koyama, H. *see* Ishii, M. 38637
Koyama, H. *see* Kawaguchi, Y. 23835
Koyama, H. *see* Koshida, N. 11826
Koyama, H. *see* Koshida, N. 20543
Koyama, K., Tsuruoka, Y. Speeding up elliptic cryptosystems by using a signed binary window method 12933
Koyama, K. *see* Itoh, M. 14328
Koyama, K. *see* Matsushima, I. 3427
Koyama, K. *see* Miyasaka, T. 19270
Koyama, K. *see* Moride, H. 13949
Koyama, K. *see* Ooi, K. 27850
Koyama, K. *see* Owadano, Y. 3424
Koyama, K. *see* Shizuya, H. 36573
Koyama, M., Arai, T., Tanimoto, H., Yoshida, Y. A 2.5-V active low-pass filter using all-n-p-n Gilbert cells with a 1-V_{p-p} range 42042
Koyama, M. *see* Arai, T. 27055
Koyama, M. *see* Ida, S. 33343
Koyama, M. *see* Kato, N. 37874
Koyama, M. *see* Kawabata, T. 16949
Koyama, M. *see* Tamai, S. 8570
Koyama, N. Use of dual aspect ratios prompts creation of crossover switching system for broadcast cameras 38309
Koyama, N. *see* Ishikawa, C. 11492
Koyama, S. *see* Murase, H. 38403
Koyama, T. *see* Hikita, T. 17275
Koyama, T. *see* Matsuo, H. 23072
Koyama, T. *see* Tsunetomo, K. 33580
Koyama, Y. *see* Yugami, H. 25357
Koyamada, Y., Nakano, H., Furukawa, S. Ray tracing analysis of light radiation from sharp bends in graded-index multimode fibers 2984
Koyamada, Y. *see* Katagiri, T. 5863
Koyamada, Y. *see* Sankawa, I. 6003
Koyamada, Y. *see* Sankawa, I. 11622
Koyamada, Y. *see* Shimizu, K. 12248
Koyamada, Y. *see* Shimizu, K. 21021
Koyamada, Y. *see* Shimizu, K. 35417
Koyamada, Y. *see* Shimizu, K. 35899
Koyanagawa, T. *see* Nii, M. 17889
Koyanagi, H. *see* Maeda, K. 28146
Koyanagi, K. *see* Ogawa, M. 20272
Koyanagi, M., Nakano, T., Etoh, T., Aibara, R. Optical RAM-bus memory for parallel processing system 2942
Koyanagi, M., Takata, H., Okano, H., Yokoyama, S. Three-dimensional memory LSI with optical interconnections 1224
Koyanagi, M., Uchikawa, H., Kanabara, M., Takahashi, H., Kaneko, T. Digital signal processor for audio equipment, model μPD6383GF 10190
Koyanagi, M. *see* Miyake, K. 43682
Koyanagi, M. *see* Morin, M. 19463
Koyanagi, M. *see* Nagata, T. 43680
Koyanagi, M. *see* Shimatani, T. 42924
Koyanagi, M. *see* Yokoyama, S. 41434
Koyanagi, T., Yoshizato, T., Horimoto, N., Takashima, T., Satoh, S., Maeda, H., Nakano, H. Fetal heart rate variation described using a probability distribution matrix 38971
Koyano, Y. *see* Onishi, M. 28459
Koyashiki, T., Okada, R., Kuwata, Y., Ishizawa, M., Ohshima, K. Field test on a fuel cell energy system for telecommunications equipment 17322
Koyashiki, T. *see* Nozaki, Y. 8652
Koymen, H. *see* Degertekin, F.L. 16033
Koymen, H. *see* Karaman, M. 13505
Koymen, H. *see* Karaman, M. 31834
Koynov, S. *see* Schwarz, R. 34500
Ko.Young T. *see* Young T. Ko.
Koyuncu, B. PC-based ultrasonic flaw detection using a random signal correlation technique 4654
Koyuncu, B., Balasubramanian, K. A fast algorithm for detecting the phase angle and power factor 8028
Koza, M. *see* Kamiya, I. 9608
Koza, M.A. *see* Caneau, C. 703
Koza, M.A. *see* Koteles, E.S. 2040
Koza, M.A. *see* Poguntke, K.R. 46014
Kozachok, A.G. Holographic measurement systems. [A brief review of the works of the Department for Holographic Methods of Measurements and Automation of Scientific Investigations at Novosibirsk Electrotechnical Institute] 12435
Kozaitis, S.P., Cofer, R.H., Foor, W.E. Statistical design of ternary phase-only filters for distortion invariance 4949
Kozaitis, S.P., Cofer, R.H., Foor, W.E. Design of distortion-invariant correlation filters using supervised learning 30118
Kozaitis, S.P. *see* Cofer, H. 22232
Kozaitis, S.P. *see* Cofer, R.H. 21926
Kozaki, S. *see* Hakamata, K. 12604
Kozaki, S. *see* Park, T.J. 12581
Kozaki, S. *see* Rao, T.C.K. 36181
Kozaki, S. *see* Wang, P.Y. 12514
Kozaki, T., Takase, A., Yanagi, J., Tanabe, S., Gohara, S. ATM switching system with bandwidth control function 22732
Kozakoff, D.J. Geometric optics radome analysis wall incorporating effects of wall curvature 21415

Kozakoff, D.J. Reflectometer measurement approach for radome boresight error and loss contours 21457
Kozakoff, D.J., Wiltse, J.C. Overview of system engineering methods and objectives [MMICs] 19122
Kozakura, Y. *see* Takada, K. 31442
Kozanecki, A., Gillin, W.P., Sealy, B.J. Characterization of thermally annealed $In_{0.2}Ga_{0.8}As/GaAs$ single quantum wells by optical spectroscopy and ion beam techniques 19375
Kozarenko, E.N. *see* Cianfarani, C. 31731
Kozarev, A. *see* Temerinac, M. 22196
Kozawa, A., Sato, A., Brodd, D., Yamashita, M. Recent Japanese production and technology of primary and rechargeable Li and MH batteries 40398
Kozawa, A. *see* Yoshio, M. 48048
Kozawa, T., Uesaka, M., Yoshida, Y., Tagawa, S. Effects of impurities on processes of acid generation in chemically amplified resists for electron beam and X-ray lithography 27878
Kozawa, T. *see* Ogata, A. 6952
Kozawaguchi, H. *see* Hikita, M. 3170
Kozek, T. *see* Szolgay, P. 1703
Kozek, W. On the generalized Weyl correspondence and its application to time-frequency analysis of linear time-varying systems 13327
Kozek, W., Hlawatsch, F. A comparative study of linear and nonlinear time-frequency filters 13326
Kozel, V.M. *see* Cherdyntsev, V.A. 22777
Kozela, A. *see* Ernst, J. 31659
Kozen, D., Zaks, S. Optimal bounds for the change-making problem 41074
Kozera, R. Recent existence and uniqueness results in photometric stereo 4965
Kozeratskaya, L.N., Lebedeva, T.T., Sergienko, I.V. Stability of discrete optimization problems 26329
Kozeratskaya, L.N., Lebedeva, T.T., Sergienko, T.I. Regularization of integer vector optimization problems 26330
Kozhakov, A.V. *see* Artyushin, V.V. 14402
Kozhemyakin, S.M. *see* Bolyukh, V.F. 25371
Kozhevnikov, V.L. *see* Fulin Xiong 21023
Kozhevnikov, V.N., Pavlenko, A.P. Atmospheric disturbances over mountains and air flight safety 32028
Kozhoridze, G.D. *see* Aleshkevich, V.A. 43382
Kozhukhovskii, A.D., Levashnikov, A.A., Litvin, A.I. Fast Reed-Muller code decoding algorithms 12921
Kozick, R.J., Kassam, S.A. Coherent source location using autocorrelation matrix smoothing with transmit/receive arrays 44913
Kozicki, M.N. *see* Rastogi, P. 10921
Kozienko, M.T. *see* Kukhtin, V.P. 15581
Kozik, J.P. *see* Gauldin, M.A. 22728
Kozik, V.I., Tverdokhleb, P.E. 3-D optical integrated circuits in associative memory 28433
Kozin, V. *see* Efimov, S. 15384
Kozlik, C. *see* Hoffmann, P. 3750
Kozlov, A.A. *see* Shul'gin, B.V. 46882
Kozlov, A.V. *see* Kosar', A.V. 3303
Kozlov, A.Yu. *see* Kovalenko, A.N. 10589
Kozlov, A.Yu. *see* Kovalenko, A.N. 18952
Kozlov, D.G. The effect of repeater characteristics and signal parameters on the noise immunity of a frequency division multiplexed satellite communications system 37960
Kozlov, L.V., Raldugin, A.N., Formicheva, M.A., Gavrev, V.S. The NZD-011 electronic instrument for automated ultrasonic inspection 18338
Kozlov, S.A. *see* Azarenkov, A.N. 12337
Kozlov, S.A. *see* Chertkov, V.A. 34135
Kozlov, S.I., Potashnikov, A.K. A system for recording and processing X-ray images 24197
Kozlov, S.N., Likhanskii, V.V. Field dynamics of optically coupled lasers with random fluctuations of eigenfrequencies 43955
Kozlov, V.A., Svakhin, A.S., Ter-Mikirtychev, V.V. Evanescent field thin-film optical amplifier 28758
Kozlov, V.A. *see* Andreev, A.Ts. 15051
Kozlov, V.A. *see* Antipov, A.V. 7196
Kozlov, V.N. *see* Kalinin, A.V. 19315
Kozlov, V.P., Sedunov, E.V. Optimization of multiplex measuring systems in the presence of statistical signal fluctuations 14861
Kozlov, V.V., Fradkin, E.E. Generation of pulses in a laser with a coherent filter 44100
Kozlov, V.V. *see* Sokolov, I.A. 19565
Kozlovskaya, I.A. *see* Timofeyeva, A.A. 12731
Kozlovskii, V. *see* Zakharenkov, L. 10756
Kozlovskiy, B.B. RC-CR-conversion of distributed structures 34159
Kozlovskiy, V.V. Synthesis of comb structures using surface impedance 12671
Kozlovsky, V.S. *see* Lukin, E.S. 25796
Kozlovsky, W.J., Lenth, W. Fast amplitude modulation of the blue 429-nm output from a frequency-doubled GaAlAs diode laser 28873
Kozlovsky, W.J. *see* Hurst, J.E., Jr. 20422
Kozlovsky, W.J. *see* Risk, W.P. 12220
Kozlowski, A.J. *see* Kwasniok, P.J. 38642
Kozlowski, D.A. *see* Jones, B.K. 3329
Kozlowski, F. *see* Lang, W. 35591
Kozlowski, F. *see* Richter, A. 28662
Kozlowski, F. *see* Steiner, P. 11877
Kozlowski, F. *see* Steiner, P. 20560
Kozlowski, K.R. *see* Dutkiewicz, P. 17138
Kozlowski, L.J., Bailey, R.B., Cabelli, S.A., Cooper, D.E., Gergis, I.S., Chen, A.C.-Y., McLevige, W.V., Bostrup, G.L., Vural, K., Tennant, W.E., Howard, P.E. High-performance 5-μm 640×480 HgCdTe-on-sapphire focal plane arrays 46502
Kozlowski, L.J., Bailey, R.B., Vural, K. 640×480 MWIR HgCdTe FPA 31285
Kozlowski, M. Problems of electric strength of power transformers in current CIGRE proceedings 16930
Kozlowski, M. *see* Aubin, J. 25519
Kozlowski, M. *see* Kacprzak, J. 17530
Kozlowski, M.R. *see* Chow, R. 3293
Kozlowski, T. *see* Anderson, G. 38901
Kozlyayev, L.I. *see* Daurtsev, I.A. 14612
Kozlyuk, V.N. *see* Vasily'ev, A.V. 32810
Kozma, L. *see* Kukhlevsky, S.V. 3446
Kozma, L. *see* Kukhlevsky, S.V. 11926
Kozma, L. *see* Kukhlevsky, S.V. 12026
Kozono, J.-I., Irii, H. Evaluation of speech quality impairment due to burst bit errors 44769
Kozono, S., Tanaka, T., Aoyama, S. A study on delay spread prediction method in digital mobile communication systems 14507
Kozshemjako, V.P., Krasilenko, V.G., Kolesnitsky, O.K. Converters of halftone image in number of binary slices for the digital optoelectronic processors 11767
Kozu, T. *see* Ohsaki, Y. 47273
Kozu, T. *see* Thurai, M. 29168
Kozubskii, E.V. *see* Aksinenko, V.D. 7265
Kozuch, D.M. *see* Abernathy, C.R. 41328
Kozuch, D.M. *see* Stavola, M. 2195
Kozuh, M., Vojnovic, D., Cepin, M., Jordan-Cizelj, R. System modelling for Krsko IPE 39827
Kozuh, M. *see* Cepin, M. 47687
Kozuh, M. *see* Prosek, A. 39875
Kozuh, M. *see* Susnik, J. 39826
Kozuka, S. *see* Kurokawa, T. 14538
Kozuka, T. *see* Kihara, T. 24951
Kozuma, T. *see* Inagaki, Y. 8090
Kozunov, A.V. *see* Nikolaev, V.A. 38876
Kozunov, A.V. *see* Nikolaev, V.A. 39128
Kozurman, I. *see* Volkov, I.V. 32188
Kozyev, V.B., Novikov, G.V. Amplitude-phase conversion in the tube stages of single-sideband transmitters 14765
Kozyrev, A.B., Samoilova, T.B., Shaferova, S.Yu. Nonlinear behavior of NbN and $YBa_2Cu_3O_{7-x}$ superconductive films at microwaves 28396
Kozyrev, A.V., Korolev, Yu.D., Rabotkin, V.G., Shemyakin, I.A. Processes in the prebreakdown stage of a low-pressure discharge and the mechanism of discharge initiation in pseudospark switches 10601
Kozyrev, E.V. *see* Baryshev, Y.V. 31656
Kozyrev, S.V. *see* Zelikman, M.A. 2894
Kpalma, K., Haese-Coat, V., Ronsin, J. A hierarchical multiresolution texture image segmentation 30074
Kponou, A., Alessi, J., Hershcovitch, A., DeVito, B. The BNL polarized H^- ion source development program 46821
Kraabel, B. *see* Zhang, C. 20557
Kraan, W.H. *see* Por, P.T. 31583
Kraayeveld, J.R., Verbruggen, A.H., Radelaar, S. Comparison between 1/F noise high-resolution resistometric, and lifetime electromigration studies of Al and Al(Si) 34830
Krabach, T. *see* Herring, M. 23712
Krabach, T.N., Staller, C., Dejewski, S., Cunningham, T., Herring, M., Fossum, E.R. InGaAs detectors for miniature infrared instruments 23630
Krabach, T.N. *see* Watson, D.M. 15025
Krabbenborg, B.H. *see* Wolbert, P.B.M. 35091
Krackhardt, U., Streibl, N., Schwider, J. Fabrication errors of computer generated multilevel phase-holograms 36079
Krackhardt, U. *see* Volkel, R. 3374
Kradinova, L.V., Polubotko, A.M., Popov, V.V., Prochukhan, V.D., Rud, Yu.V., Skoriukin, V.E. Novel zero-gap compounds, magnetics: $CuFeS_2$ and $CuFeTe_2$ 1867
Kraehenbuehl, F., Wavre, J.J. Long term service experience of XLPE and EPR cables in MV and HV networks 7957
Kraemer, H. *see* Maghon, H. 32741
Kraemer, H. *see* Termuehlen, H. 8207
Kraemer, R. Novel architecture for a +20 dBm, 20 GHz signal generator 10457
Kraft, A., Gorig, B., Heckner, K.-H. ITO coated n-GaAs electrodes for photoelectrochemical solar cells 40394
Kraft, A. *see* Greenham, N.C. 35600
Kraft, A. *see* Greenham, N.C. 35615
Kraft, C. Dynamic Kanban semiconductor inventory management system 269
Kraft, G. *see* Seireg, R. 10081
Kraft, O., Bader, S., Sanchez, J.E., Jr., Arzt, E. Observation and modelling of electromigration-induced void growth in Al-based interconnects 34806
Kraft, O. *see* Sanchez, J.E., Jr. 2208
Kraft, R. Resonant cavity vircator driven by a thermionic cathode electron beam gun 34478
Kraft, V., Andrews, J.R. Design, evaluation and acquisition of a speech database for German synthesis-by-concatenation 13058
Kragh, H., Blaabjerg, F., Pedersen, J.K. Reduce of the acoustic noise effect from PWM-VSI inverter controlled AC-drives by music and random modulation 8875
Kragness, R. *see* Draper, C. 34747
Krah, J.-O. *see* Holtz, J. 8908
Krahn, F. *see* Wilczewski, F. 11612
Krahn, P. *see* Lohmann, D. 46810
Kraimer, W.A. *see* Wolkoff, E.A. 4313
Krainak, M.A. *see* Hayden, W.L. 6040
Krainskii, I.S. *see* Lugansky, L.B. 2918
Kraisingdecha, P. *see* Shwe, C. 19521
Kraiskii, A.V. *see* Zubov, V.A. 21960
Krajcar, D. *see* Skriec, D. 39563
Krajewski, A., Mazzinghi, P. Study of the reflectivity of ceramic materials for laser-cavity mirrors 28427
Krajewski, W., Salon, S.J. Comparison of the BEM and FEM approach for the electromagnetic field analysis in a zoned medium 12513
Krajnik, E. A simple and reliable phase unwrapping algorithm 13458
Krakauer, D. ESD protection in a 3.3 V submicron silicided CMOS technology 28276
Krakiwsky, E.J. *see* Gao, Y. 38181
Kral, R. Using the signature analyzer for component test 1727
Kralij, D.R. *see* Carin, L. 4303
Kralikova, B. *see* Beranek, J. 35659
Kralikova, B. *see* Krasa, J. 38849
Kralikova, B. *see* Skala, J. 40652
Kralj, D., Carin, L. Ultra-wideband characterization of lossy materials: short-pulse microwave measurements 6756
Kralj, D. *see* Carin, L. 4267
Kralj, D. *see* Carin, L. 36170
Krall, A.D., Glancy, B.C., Sandusky, H.W. Microwave interferometry of shock waves. I. Unreacting porous media 23858
Krall, A.D. *see* Glancy, B.C. 23859
Krall, J., Ting, A., Esarey, E., Sprangle, P. Enhanced acceleration in a self-modulated-laser wake-field accelerator 6896
Krall, J. *see* Colombant, D.G. 19300
Kramarenko, V.I. *see* Gadiyak, G.V. 19579
Kramarskii, V.A. *see* Smorodin, V.I. 32825
Kramberg-Walker, C. The need to provide writing support for academic engineers 116
Kramer, C. *see* Bertness, K.A. 41301
Kramer, C.J. Evolution of monofacet beam deflectors for high resolution imaging applications 15072
Kramer, D. *see* Burkmann, K. 15463
Kramer, D. *see* Clausnitzer, G. 31622
Kramer, D. *see* Dutz, H. 31657
Kramer, D. *see* Reichertz, L.A. 31658
Kramer, E. *see* Muschong, G. 4012
Kramer, G., Lipphardt, B., Weiss, C.O. Coherent frequency synthesis in the infrared 23379
Kramer, J., Seitz, P., Steigmeier, E.F., Auderset, H., Delley, B., Baltes, H. Light-emitting devices in industrial CMOS technology 11863
Kramer, J. *see* Cheung, S.C. 30512
Kramer, J.D.R., Jr., Reid, W.S. Track-before-detect processing for a range-ambiguous radar 23182
Kramer, K., Pokojski, M. Wind energy utilisation in Berlin 32804
Kramer, K.-J., Talwar, S., Carey, P.G., Ishida, E., Ashkenas, D., Weiner, K.H., Sigmon, T.W. Impurity distribution and electrical characteristics of boron-doped $Si_{1-x}Ge_x/Si$ p^+/N heterojunction diodes produced using pulsed UV-laser-induced epitaxy and gas-immersion laser doping 1882
Kramer, L.A. *see* Brandt, M.E. 39006
Kramer, M., Bruckner, V., Shatkovski, E. Q-switch and multipass amplification in a pulsed YAG laser using phase conjugation by stimulated Brillouin scattering 35992
Kramer, M. *see* Arango, M. 13971
Kramer, M.J. *see* Weir, S.T. 28395
Kramer, N., van Berkel, C. Reverse current mechanisms in amorphous silicon diodes 42839
Kramer, O. *see* Gronau, G. 38659
Kramer, O. *see* Pogatzki, P. 27308
Kramer, P.A. *see* Glazer, J. 446
Kramer, R.A. *see* Douglas, L.D. 47425
Kramer, R.A. *see* Hekmat, R. 14551
Kramer, S., Spears, M., Tuller, H.L. Solid electrolyte figures of merit: rare earth titanate pyrochlores 17337
Kramer, S. *see* Giles, C.R. 3504
Kramer, S. *see* Murphy, J.B. 7125
Kramer, S.L. Longitudinal bunch profile measurements with striplines 7089
Kramer, S.L. *see* Bozoki, E. 7049
Kramer, S.L. *see* Zhang, X. 15408
Kramer-Fuhrmann, O. *see* Schafers, L. 48432
Krames, M.R. *see* Caracci, S.J. 3399
Krames, M.R. *see* Caracci, S.J. 3631
Krames, M.R. *see* Caracci, S.J. 35843
Krammer, D. Sums of three squares and q-series 493
Krammer, M. *see* Bosio, C. 15618
Krampe, R. *see* Doege, E. 23882
Krane, R.J. *see* Ahmed, I. 40954

Kranjec, P., Drnovsek, J., Lindic, M., Fefer, D., Jeglic, A. Evaluation of temperature effects on a precision DC voltage reference source 41645
Krankenhagen, R. *see* Krause, S. 6621
Kranz, C. *see* Schuhmann, W. 31325
Kranz, D. *see* Agarwal, A. 18772
Kranz, D.M. *see* Kirmani, S.F. 1756
Kranz, H.-G. Diagnosis of partial discharge signals using neural networks and minimum distance classification 35113
Krapels, M.J. *see* Zigic, A. 37895
Krapivni, V.E. *see* Zalkind, V.I. 25725
Krasa, J., Pietrikova, M., Juha, L., Chvojka, M., Kralikova, B., Masek, K., Skala, J., Krousky, E., Trousil, J., Plichta, J., Darickova, A. A comparison of Si P-I-N diodes and thermoluminescent detectors responses in the soft X-ray region 38849
Krasa, J. *see* Laska, L. 12009
Krasawa, T., Obata, M., Konda, A., Shimizu, Y. Parallel image processing for defect inspection by layered structure of transputers 22017
Krasichkov, L.V. *see* Kipchatov, A.A. 36659
Krasikov, I., Roditty, Y. More on vertex-switching reconstruction 41066
Krasilenko, V.G. *see* Kozshemjako, V.P. 11767
Krasil'nikov, M.A., Kuzelev, M.V., Panin, V.A., Filippychev, D.S. Theory of an amplifier based on a relativistic electron beam with a dielectric-plasma filling 29195
Krasilnikova, T.G. *see* Vorob'ev, V.V. 47249
Krasilov, Yu.I. *see* Dyachenko, P.P. 20660
Krasinski, J.S. *see* Pearson, G.W. 3075
Krasinski, J.S. *see* Pearson, G.W. 5960
Kraske, W.F. Resolvable analysis and synthesis of synthetic aperture radar imagery 38134
Krasner, B., Lo, S.-C.B., Mun, S.K. Vector quantization distortion of medical ultrasound features 31856
Krasniewski, A., Pilarski, S. High quality testing of embedded RAMs using circular self-test path 1231
Krasnikov, V.V., Makarov, A.A., Pshenichnikov, M.S., Razumikhina, T.B., Solomatin, V.S., Kholodnykh, A.I. Laser route gas analyzer of atmospheric pollutions 7639
Krasnitskiy, V.Ya. *see* Aristarkhova, A.A. 9212
Krasnobaev, L.Ya., Omelyanovskaya, N.M., Makarov, V.V. The effect of fluorine on the redistribution of boron in ion-implanted silicon 19508
Krasnogenov, E. *see* Bogdanova, N. 23516
Krasnokutskii, R.N. *see* Kotov, I.V. 7212
Krasnoperova, A.A., Reilly, M.T., Turner, S., Ocola, L., Cerrina, F. Prebake and post-exposure bake effects on the dissolution of AZ-PF 11077
Krasnoperova, A.A., Turner, S.W., Ocola, L., Cerrina, F. Effect of low-solubility surface layer on development of AZ-PF514 27965
Krasnoperova, A.A., Xiao, J., Cerrina, F., di Fabrizio, E., Luciani, L., Figliomeni, M., Gentili, M., Yun, W., Lai, B., Gluskin, E. Fabrication of hard X-ray phase zone plate by X-ray lithography 31816
Krasnoperova, A.A. *see* Reilly, M.T. 11078
Krasnopevtsev, E.A. *see* Borynyak, L.A. 12436
Krasnopevtsev, E.A. *see* Borynyak, L.A. 12439
Krasnopolin, I.Y. Instrumentation for the absolute calibration of electromotive-force and voltage sources based on an integrated array of Josephson junctions 38632
Krasnoproshin, V. *see* Vatlin, S. 568
Krasnov, G.A. *see* Mukhamedyarov, R.D. 15984
Krasnov, V.V. *see* Kudryashov, V.A. 28044
Krasovskii, S.V., Rodina, L.P., Usanov, D.A. Doubling period effect in a quasi-active p-i-n diode 42193
Kraspenova, A. *see* Luciani, L. 27926
Krastelev, E. *see* Agafonov, A. 46721
Krastev, V. *see* DiBitonto, D. 31722
Krasyuk, T.V. *see* Belokopytov, G.V. 2743
Kraszewski, A., Nelson, S. Microwave permittivity of pecan nuts 15168
Kratenko, M.Yu. *see* Konyshev, A.N. 31492
Kratky, K.W. *see* Klement, S. 40910
Kratky, K.W. *see* Klement, S. 42604
Kratsch, D. *see* Gimbel, J. 41061
Kratz, J.W. Rework, its risk and cost factors related to deployment 40903
Kratzer, D., Talbot, C. Wafer diagnostics using focused ion beam technology 35041
Kratzig, E. *see* Buse, K. 12420
Kratzig, E. *see* Buse, K. 21122
Kratzig, E. *see* Buse, K. 35306
Kratzig, E. *see* Buse, K. 44144
Krauhausen, M. *see* Noll, R. 9825
Kraus, A. *see* Lohmann, D. 46810
Kraus, D., Bohme, J.F. Maximum likelihood location estimation of wideband sources using the EM algorithm 4695
Kraus, D., Maiwald, D., Bohme, J.F. Maximum likelihood source location estimation via EM algorithm 13244
Kraus, D. *see* Maiwald, D. 24476
Kraus, E.J., Heijmans, H.J.A.M., Dougherty, E.D. Gray-scale granulometries compatible with spatial scalings 22063
Kraus, G. *see* Meier, J. 24027
Kraus, H., Gutsche, M., Jochum, J., Kemmather, B. Physics, fabrication, and characterization of thin films 20189
Kraus, H., Jochum, J., Kemmather, B., Gutsche, M. X-ray and particle detection with superconducting tunnel junctions 24133
Kraus, H. *see* Jochum, J. 7297
Kraus, H. *see* Jochum, J. 20199
Kraus, H. *see* Jochum, J. 31724
Kraus, H. *see* Kemmather, B. 20201
Kraus, J., Deimel, P.P. Full-width-half-maximum and confinement of optical modes in multiple-quantum-well laser structures 45940
Kraus, J., Meschede, H., Liu, Q., Prost, W., Tegude, F.J., Lakner, H., Kubalek, E. Novel $In_yGa_{1-y}As/GaAs$ graded superlattice channel ($0.2 \leq y \leq 0.4$) for pseudomorphic $Al_xGa_{1-x}As/In_yGa_{1-y}As$ HFET 2594
Kraus, J., Reimers, J., Gruger, K. A VLSI chip set for DPCM coding of HDTV signals 23307
Kraus, J. *see* Safrankova, J. 38510
Kraus, J.-M., Schroer, G. Helmet-mounted displays for rotary-wing aircraft: operational requirements and technical approach 47199
Kraus, J.M. *see* Leger, A. 47200
Kraus, J.S. *see* Berger, S.D. 27903
Kraus, J.S. *see* Farrow, R.C. 27894
Kraus, R. High data rates at lower power consumption 41745
Kraus, R., Kreidl, J. High speed serial/parallel converter chip: the 'Autobahn' IC 45686
Kraus, S.C., Czolk, R., Reichert, J., Ache, H.J. Optimization of the sol-gel process for the development of optochemical sensors 6471
Kraus, U.E. *see* de Couasnon, T. 14774
Kraus, U.E. *see* Hirtz, G. 6228
Krause, A. *see* Funhoff, D.J.H. 11050
Krause, A.E. *see* Yonah, Z.O. 32847
Krause, B.A. *see* McCalley, J.D. 47438
Krause, C. *see* Kirch, H.J. 47485
Krause, E. *see* Paik, W.H. 30991
Krause, F.L. *see* Busch, J.F., Jr. 24848
Krause, G. *see* Forsyth, P.A. 24649
Krause, H. *see* Bollmann, R. 46869
Krause, H.-P. *see* Li, B. 42702
Krause, J. Thickness measurement on multilayered structures by SAW dispersion 23885
Krause, J.T., Kammlott, G.W., Kosinski, S.G., Riggs, R.S. Improved strengths (3.7 GPa) of arc fusion splices for high yield-high reliability 35414
Krause, M. *see* Hofmann, W. 40535
Krause, R. *see* Williams, B.R. 47591
Krause, R.L. Optoelectronic feedback control techniques for linear and switch mode power supplies 47981
Krause, S., Krankenhagen, R., Moritz, W., Grohmann, I., Unger, W., Gross, T., Lippitz, A. Influence of the LaF_3/metal interface on the properties of a low temperature oxygen sensor 6621
Krause, S. *see* Park, J.C. 10864
Krause, S.J., Chen, B.L., Seraphin, S., Roitman, P. Defects in SOI materials 1968
Krause, S.J. *see* Lee, J.D. 10776
Krause, T.D. Network survivability: one size doesn't fit all 45372
Krause, W.J. *see* Kahn, J.M. 23082
Krause, W.J. *see* Kahn, J.M. 38010
Kraushaar, K.H., Rahder, C., Kahle, H. Fuzzy-based controller improves denox performance in power plants 8153
Krauss, T. *see* Gontijo, I. 28828
Krauss, U. *see* Beier, J. 24203
Krausz, F. *see* Stingl, A. 28796
Krausz, F. *see* Szipocs, R. 28586
Krauz, P. *see* Devaux, F. 35619
Krauze, U. *see* Pawluk, K. 42267
Kravchenko, A.A., Magaev, L.G. Electron gun with a ribbon beam 1773
Kravchenko, G.V. *see* Shashkin, A.A. 11196
Kravchenko, N.I., Kravchenko, N.N. Detection characteristics in problem of searching for a complex signal by the dichotomy method 44805
Kravchenko, N.I., Kravchenko, V.F., Rvachev, V.L. Method for calculating modes in electrical modulators with a semicoaxial resonator with a uniaxial crystal as an example 3171
Kravchenko, N.N. *see* Kravchenko, N.I. 44805
Kravchenko, V.F., Pazynin, L.A. Thermal radiation of a conductor located above a dielectric half-space 14673
Kravchenko, V.F., Shcherbak, V.I., Parshutkin, A.V. Comparative analysis of optimal and quasi-optimal acousto-optical frequency measurement devices 15162
Kravchenko, V.F. *see* Kravchenko, N.I. 3171
Kravchenko, V.F. *see* Veretel'nik, V.V. 1417
Kravchuk, L.V. *see* Bylinsky, Yu.V. 7009
Kravets, L.I. *see* Apel, P.Yu. 38904
Kravetz, V.G. *see* Petrov, V.V. 46554
Kravitz, S.H. *see* Carson, R.F. 3387
Kravtchinskaia, E. *see* McKenzie, D.R. 27502
Kravtsov, I.A., Meshcheryakov, A.V. Low-frequency fluctuations in Gunn diode generators of millimeter band harmonics 10433
Kravtsov, I.A., Meshcheryakov, A.V. Parasitic low-frequency oscillations in a millimeter-wave Gunn oscillator 19026
Kravtsov, N.V. *see* Golovnin, I.V. 28910
Kravtsov, N.V. *see* Zagumennyi, A.I. 35748
Kravtsov, N.V. *see* Zolotoverkh, I.I. 44023
Kravtsov, V., Agizim, A., Goryacheva, H., Karplyuk, I. Spectrum analyzer for the investigation of non-linear phenomena—structure and applications 46331
Krawczak, A.T., Wilson, B.K. Analysis of emergency diesel generators for improved reliability 39778
Krawczyk, A., Tegopoulos, J.A. Numerical modelling of eddy currents 40837
Krawczyk, F. *see* Balewski, K. 46775
Krawczyk, R., Goretta, O., Kassighian, A. Temporal pulse spreading of a return lidar signal 24467
Krawczynska, E.G. *see* Ezquerra, N. 7335
Krayukhin, M.B. *see* Khrebtov, I.A. 6486
Krebs, D.J. *see* Coyle, D.B. 30923
Krebs, P. *see* Hanni, W. 9769
Krebs, S. Advanced engine management systems: the key to reduced emissions and improved performance 25909
Krebs, W.-D., Bjornard, T.A., Sofer, G.A. Advanced fuel technology by Siemens for economic nuclear power generation and ecological use of fuel resources 39846
Krechko, Yu.A. *see* Antipov, A.V. 7196
Krecke, M. *see* Goffaux, R. 32823
Krefter, K.-H. Experiences with test procedures for plastic insulated cables in medium-voltage networks 16321
Krefter, K.-H., Niemand, T. Application-oriented quality assurance in the electricity distribution network 7924
Krefter, K.-H. *see* Bach, R. 7952
Kregar, V., Trontelj, L., Krivokapic, Z. Optimization of n-channel LDMOS transistors for high voltage power integrated circuits 2542
Kreidel, H.-J. *see* Euteneuer, H. 15286
Kreidl, J. *see* Kraus, R. 45686
Kreifeldt, J.G. *see* Levine, S.H. 45190
Kreiger, F.C. Heat transfer in high-current thermal batteries 17178
Kreindelin, V.B. *see* Shloma, A.M. 23135
Kreinin, O. *see* Maayan, E. 26433
Kreinovich, V. *see* Flores, B.C. 23088
Kreis, T.M. Computer aided evaluation of fringe patterns 12409
Kreiser, I. *see* Edeleman, R. 2627
Kreisinger, V. *see* Adam, J. 1666
Kreithen, D.E., Halversen, S.D. A discrimination algorithm and the effect of resolution 23128
Kreithen, D.E., Halversen, S.D. A theoretical analysis of a ranking discrimination algorithm 23142
Kreithen, D.E., Halversen, S.D., Owirka, G.J. Discriminating targets from clutter 6116
Kreitmair-Steck, W., Klausing, H., Wolframm, A.P., Weiss, G. HeliRadar—a synthetic aperture radar with rotating antennas 30913
Kreitzberg, T. A parallel toolset for intervisibility analysis 4120
Krejci, I., Vanysek, P. Effect of zinc and iron ions on the electrochemistry of nickel oxide electrode: slow cyclic voltammetry 25651
Krejcik, P., Corbett, J., Ecklund, S., Emma, P., Fieguth, T., Helm, R., Kulikov, A., Limberg, T., Moshammer, H., Ross, M., Siemann, R., Spence, W., Woodley, M. Recent improvements in the SLC positron system performance 15394
Krejcik, P. *see* Decker, F.J. 15369
Krejcik, P. *see* Minty, M. 15342
Krejcik, P. *see* Stege, R.E., Jr. 15348
Krekel, M. *see* Eversheim, P.D. 31625
Krekel, P.F.C. *see* van Lawick van Pabst, J. 29824
Kreling, B. Digital HDTV mixer provides digital video effects (DVE) 23312
Kremann, R.W., Bates, T., Cumming, R.G., Adamson, E.J. A cost savings approach to distributed control systems introduction to older power plants 16649
Kremenetskiy, S.D. *see* Bulkin, V.M. 21193
Kremens, R.L. *see* Soures, J.M. 3410
Krementsky, J.I. Evaluation of insulation conditions in high voltage equipment using nondestructive tests 35153
Kremer, F. *see* Ito, S. 35504
Kremer, H. *see* Mylonas, J. 39915
Kremer, J. *see* Bohm, M. 24335
Kremer, R. *see* Dragoman, M. 43069
Krempasky, L. *see* Usak, P. 2922
Kremser, C., Unterrainer, K., Gornik, E., Murdin, B., Pidgeon, C.R. Direct evidence for the role of streaming motion in the hot-hole p-Ge laser 20778
Kremser, R. *see* Garn, H.F. 36284
Krenek, P. Nonisothermal electrical conductivity of combustion products in open-cycle MHD channel 25794
Krening, D. *see* Buchner, S. 33989
Krenkova, O. Analytic approach to eliminating the torque stress caused by restarting of synchronous motors 40124
Krenn, H. *see* Glod, P. 42408
Krenn, H. *see* Springholz, G. 9666
Krenz, R. *see* Grocholewski, S. 13105
Krepp, D. *see* Colombi, J. 29546
Kresge, J.S. *see* Heck, H.L. 403

Kreshman, H., Nern, H.-J., Nour Eldin, H.A. Closed-loop performance and control for steam power station 39981
Kreshman, H., Nern, H.J., Nour Eldin, H. The boiler compartment model for the animation of the long term steam dynamics 39980
Kreshman, H., Nern, H.J., Nour Eldin, H.A. The long term dynamics of the thermo-mechanical energy conversion in steam turbines 39982
Kreshman, H. *see* Nern, H.J. 40006
Kreskovsky, J.P. *see* Grubin, H.L. 11251
Kreskovsky, J.P. *see* Witmer, S.B. 2471
Kress, B.C., Lee, S.H. Iterative design of computer generated Fresnel holograms for free-space optical interconnections 21116
Kress, B.C. *see* Zaleta, D. 43570
Kress, D.W. *see* Montress, G.K. 18518
Kressner, A. *see* Cho, S.M. 16636
Kresteva, E.N. *see* Vichev, B.I. 14958
Kretchmer, J. *see* Ghezzo, M. 2417
Kretschmer, W. *see* Eversheim, P.D. 31625
Kretz, J., Rudolph, M., Weber, M., Koops, H.W.P. Three-dimensional structurization by additive lithography, analysis of deposits using TEM and EDX, and application to field-emitter tips 33692
Kretz, J. *see* Griesinger, U.A. 27923
Kretz, J. *see* Koops, H.W.P. 27916
Kretz, T. *see* Stroh, R.J. 34952
Kreuger, F.H. Do materials exist? [insulation] 2720
Kreuger, F.H., Gulski, E., Krivda, A. Classification of partial discharges 35109
Kreuger, F.H., Wezelenburg, M.G., Wiemer, A.G., Sonneveld, W.A. Partial discharge. XVIII. Errors in the location of partial discharges in high voltage solid dielectric cables 32423
Kreuger, F.H. *see* Jing, T. 32949
Kreuk, C.W.De *see* De Kreuk, C.W.
Kreutz, R., Nick, W., Peschel, H., Rzezonka, B., Sommer, F., Tran, A., Krischel, D. Design considerations on the SSC collider quadrupole magnets 15550
Kreutzmann, H. *see* Bernstein, A. 31661
Kreutzmann, H. *see* Wang, M.-Z. 31689
Kreuzer, F. *see* Korenic, E.M. 44033
Kreuzer, M., Tschudi, T., Eidenschink, R. Erasable optical storage in bistable liquid crystal cells 20244
Krevetskii, A.V. *see* Plekin, V.Ya. 4877
Krevetskii, A.V. *see* Plekin, V.Ya. 23136
Krey, C. *see* Buvry, M. 13696
Krey, C. *see* Zagrouba, E. 13712
Krey, C. *see* Zagrouba, E. 30024
Krey, E.-A. *see* Dopheide, D. 46672
Kreye, H. *see* Henschel, M. 7854
Kreysa, E. *see* Roberts, A. 42170
Kriauciunas, R. *see* Gailiusis, B. 25267
Kriauciuniene, J. *see* Gailiusis, B. 25267
Krichen, S. *see* Aguili, T. 36307
Krichman, I.S. *see* Zhukov, S.F. 8001
Krichnan, A., Ahuja, N. Range estimation from focus using a non-frontal imaging camera 45221
Krick, J.T. *see* Ma, Z.J. 42990
Kriebel, D. *see* Haumesser, F.P. 47720
Kriechbaum, M. *see* Shu Yuan 42494
Kriechbaum, M. *see* Springholz, G. 9666
Kriegel, K. *see* Hoffmann, F. 41075
Krieger, A. *see* Brotherton, T. 14733
Krieger, A. *see* Marple, L. 21893
Krieger, A.S. *see* Hogan, J.P. 15760
Krieger, C.D., Ley, H., Westphal, B.R. Contact profilometry digital data acquisition and conversion 23474
Kriegsmann, G.A. *see* Smith, P.D. 12714
Krier, A. *see* Mao, Y. 9527
Krier, A. *see* Parr, A.T.J. 15102
Kriezis, E.E., Chrissoulidis, D.P. EM-wave scattering by an inclined strip grating 36132
Kriezis, E.E. *see* Antonopoulos, C.S. 44336
Kriezis, E.E. *see* Golias, N.A. 21165
Kriezis, E.E. *see* Theodoulidis, T.P. 26538
Krijn, M.P.C.M. *see* van der Poel, C.J. 3589
Krikelis, N.J. *see* Rekkas, C.M. 39162
Krikunov, S.A. *see* Oseledchik, Yu.S. 26398
Krile, T.F. *see* Timucin, D.A. 36893
Krill, J.A. *see* Huting, W.A. 1397
Krill, J.A. *see* Huting, W.A. 18951
Krim, H., Drouiche, K., Pesquet, J.C. Multiscale detection of nonstationary signals 13315
Krim, H., Proakis, J.G. A data-based enumeration technique of coherent signals 13248
Krim, H., Proakis, J.G. Smoothed eigenspace-based parameter estimation 21820
Krim, N.B. Vannevar Bush and the early days of Raytheon 17693
Krimmer, C. *see* Stolzel, C. 11529
Kringhoj, P., Svensson, B.G. Impurity profiles in InP from ion implantation at elevated temperatures 2049
Kringhoj, P. *see* Thomsen, E.V. 42632
Kringhoj, P. *see* Weyer, G. 42629
Kringlebotn, J.T., Morkel, P.R., Reekie, L., Archambault, J.-L., Payne, D.N. Efficient diode-pumped single-frequency erbium:ytterbium fiber laser 28791
Kringlebotn, J.T., Morkel, P.R., Reekie, L., Archambault, J.-L., Payne, D.N. Efficient single-frequency erbium: ytterbium fibre laser 28800
Krings, T. *see* Wolf, H. 42631
Krinitsyn, A.N. *see* Buzulutskov, F. 24056
Krinizs, K. *see* Por, G. 39870
Kripfgans, O. *see* Schmitt, R.M. 15769
Krisch, A.D. *see* Luppov, V.G. 31588
Krisch, A.D. *see* Phelps, R.A. 38798
Krisch, K. *see* Green, M.L. 832
Krisch, K. *see* Mau-Tsu Tang 27600
Krischan, K. *see* Zadravec, D. 16973
Krischel, D. *see* Anton, F. 15327
Krischel, D. *see* Kreutz, R. 15550
Krischel, D. *see* Lehr, H. 15324
Krischer, S. The backward walk approach in FSM verification 1173
Krischer, W. *see* Borer, K. 7221
Krishchuk, N.G., Aksenov, V.A., Malashkin, G.Yu. Software for calculations of the stressed and strained condition of insulators during design 25008
Krishen, K. Future trends in antennas and propagation for the US Space Program 37970
Krishen, K. *see* Collin, M.-F. 23565
Krishenko, L.P. *see* Akopov, F.A. 25797
Krishna, A., Hajek, B., Pietracaprina, A. Sharper analysis of packet routing on a butterfly 37164
Krishna, A. *see* Kessler, I. 5483
Krishna, G.Hari Rama *see* Hari Rama Krishna, G.
Krishna, H., Sun, J.-D. On theory and fast algorithms for error correction in residue number system product codes 21515
Krishna, H. *see* Lin, K.-Y. 12923
Krishna, H. *see* Lin, K.-Y. 14892
Krishna, H. *see* Sharma, K.K. 9351
Krishna, H. *see* Sharma, K.K. 41004
Krishna, H. *see* Sun, J.-D. 12834
Krishna, H. *see* Sun, J.-D. 44896
Krishna, P.S.R. *see* Carlile, C.J. 47001
Krishna, T.R. *see* Kosel, P.B. 2593
Krishna Dutt, R.V.S. *see* Pramanik, A. 6718
Krishna Kumar, P.T., Sobanadri, J. Estimation of uncertainties in absolute neutron cross-section measurement 39859
Krishna Mohan, N., Masalkar, P.J., Sirohi, R.S. Electronic speckle pattern interferometry with holo-optical element 3915
Krishna Moorthy, P.A. *see* Varughese, J. 16932
Krishna Rao, M.Rama *see* Rama Krishna Rao, M.
Krishnagopal, S., Sessler, A.M. Generation of harmonic radiation using the multi-cavity free-electron laser 44111
Krishnakumar, A.S. A synthesis system for communication protocols 22355
Krishnakumar, S. *see* Ozguz, V.H. 35502
Krishnamoorthy, A. *see* Ford, J. 28546
Krishnamoorthy, A.V. *see* Kiamilev, F. 5666
Krishnamoorthy, A.V. *see* Marsden, G.C. 20473
Krishnamoorthy, D. *see* Malghan, V.R. 25343
Krishnamoorthy, G. *see* Nestor, J.A. 9897
Krishnamoorthy, R. Performance analysis of digital cellular radio 37899
Krishnamurthi, K., Harrison, R.G. Analysis of symmetric-varactor-frequency triplers 1538
Krishnamurthi, R., Gupta, S.C. The error performance of Gray encoded QPSK and 8-PSK schemes in a fading channel with cochannel interference 36563
Krishnamurthy, H. *see* Agrawal, M. 14120
Krishnamurthy, M., Lorke, A., Petroff, P.M. Self-organized lateral superlattice formation by vertical exchange reactions 41308
Krishnamurthy, M., Williams, D.R.M., Petroff, P.M. Dynamics of periodic step-bunching during growth on vicinal GaAs(110) surfaces: computer simulations and experiments 9544
Krishnamurthy, M. *see* Leonard, D. 10713
Krishnamurthy, M. *see* Lorke, A. 9600
Krishnamurthy, M. *see* Mirin, R. 18161
Krishnamurthy, M. *see* Wong, K.C. 669
Krishnamurthy, N. *see* Ghosh, J. 45295
Krishnamurthy, R., Woods, J.W., Francos, J.M. Adaptive, model-based restoration of textures by generalized Wiener filtering 29946
Krishnamurthy, R. *see* Saha, A. 41845
Krishnamurthy, S. *see* Mann, L.L. 9811
Krishnamurthy, V., Moore, J.B. On-line estimation of hidden Markov model parameters based on the Kullback-Leibler information measure 4615
Krishnamurthy, V. *see* Seshagiri Rao, V. 15972
Krishnan, A., Ahuja, N. Use of a non-frontal camera for extended depth of field in wide scenes 4980
Krishnan, B.R. *see* Graetsch, U.M. 13998
Krishnan, C.N. *see* Ravisekhar, T. 6114
Krishnan, J. *see* Cairns, G. 35648
Krishnan, K.K. *see* Chhokra, R.S. 14875
Krishnan, K.M., Honda, Y., Hirayama, Y., Futamoto, M. Microstructure and epitaxy of c-axis oriented single crystal cobalt films grown on rigid underlayers 41429
Krishnan, M., Bastien, S.P., Sunak, H.R.D. Optimization of Pr^{3+} doped fluoride fiber amplifiers and substantial performance improvement with a pump reflecting mirror 3510
Krishnan, R., Pethe, S.N., Roy, R., Shanker, O. Analysis of side coupled standing wave linear accelerator structure by the perturbation method 15319
Krishnan, R., Rao, K.K. On the use of time series techniques in shape recognition applications 4934
Krishnan, R., Srinivasan, S. Topologies for uninterruptible power supplies 17002
Krishnan, R. *see* Maxemchuk, N.F. 22522
Krishnan, R. *see* Ramamurthy Acharya, B. 41430
Krishnan, S., Sahli, S., Wey, C.-L. Test generation and concurrent error detection in current-mode A/D converters 1282
Krishnan, S. *see* Lian, S. 9557
Krishnan, S.M., Ho Nai Choon, Pillay, P.K. Three dimensional medical imaging and manipulation for neurosurgery 24205
Krishnaprasad, P.S. *see* Pati, Y.C. 13333
Krishnapuram, R., Keller, J.M., Ma, Y. Quantitative analysis of properties and spatial relations of fuzzy image regions 5126
Krishnapuram, R. *see* Chung-Hoon Rhee, F. 22260
Krishnasamy, P. *see* Rajeswari, M. 432
Krishnaswami, K., Karakashian, A.S., Wong, C. Characterization of n-GaAs-Au Schottky diodes as grating coupled photodetectors 23618
Krishnaswamy, D., Mehrotra, K., Mohan, C.K., Ranka, S. Storing temporal sequences of patterns in neural networks 29860
Krishnaswamy, D. *see* Shankar, R.V. 29862
Krishnaswamy, J. *see* Murphy, J.B. 7125
Krishnaswamy, M. *see* Rajagopal, K.R. 8812
Krishnaswamy, S. *see* Chatters, T. 901
Krishnaswamy, S. *see* Pouet, B. 3924
Krishnaswamy, S. *see* Pouet, B. 26535
Krishtafovich, I.A., Sinitsyna, I.Z. Stray capacitance of the windings of transformer-rectifier structures of high-voltage converters of electrical energy 32912
Krisov, T.A. *see* Gesheva, K.A. 18251
Krispin, P., Hey, R., Kostial, H., Horicke, M. Formation of intrinsic defects at MBE-grown GaAs/AlAs interfaces 10706
Kriss, R.U., Gordon, D., Kirlin, P.S. Alternative organometallic precursors for CVD of tungsten 41472
Krist, K., Wright, J.D. Fabrication methods for reduced temperature solid oxide fuel cells 17283
Krist, P., Gerber, R., Boehm, J., Whitley, S. Pondermotive interactions between arrays of permanently magnetized rectangular prisms 43338
Kristensen, M., Beijersbergen, M.W., Woerdman, J.P. Angular momentum and spin-orbit coupling for microwave photons 18967
Kristensen, S., Christensen, H.I. Continuous reconstruction of scene objects 29829
Kristensson, G., Rikte, S. Transient wave propagation in a reciprocal bi-isotropic media at oblique incidence 4079
Kristensson, G. *see* Friden, J. 29142
Kristiansen, E. *see* Ohlckers, P. 11278
Kristiansen, H., Bjorneklett, A., Buran, T. Cooling of VLSI circuits by the use of two-phase flow in liquid channels 362
Kristiansen, H., Fallet, T., Bjorneklett, A. A study on the evaporation heat transfer in the cooling of high power electronics 40975
Kristiansen, H. *see* Bjorneklett, A. 365
Kristiansen, H. *see* Bjorneklett, A. 34464
Kristiansen, H. *see* Bjorneklett, A. 40976
Kristiansen, H. *see* Ohlckers, P. 11278
Kristiansen, P.E. *see* Vangen, K. 17070
Kristof, E., Llic, R. Characterization of radiation field in a containment of nuclear power plant by passive radiation detectors 39825
Kristofik, J. *see* Stepanek, B. 27650
Kristol, D.M. *see* Lee, D. 5238
Kristya, V.I. *see* Antov, R.D. 1777
Kritskii, A.G., Smirnyi, M.F., Kapusta, L.V. High-productivity digital ferroprobe coercimeter FK-1 18344
Kritsyn, V.A. *see* Kiselev, S.V. 12774
Kritzinger, P. Information technology research in the European Community 13936
Kritzinger, P.S., Wheeler, G. Semi-Markovian analysis of protocol performance 13889
Krivacic, R.T. *see* Kantarjiev, C.K. 22569
Krivandina, E.A. *see* Antipov, A.V. 7196
Krivanek, M. *see* Stursa, J. 15406
Krivda, A. *see* Gulski, E. 35111
Krivda, A. *see* Kreuger, F.H. 35109
Krivine, J.-P., Delouis, I. Cooperative expert systems: collaboration among artificial and human experts for power systems planning 39558
Krivocheev, M.I. The first twenty years of HDTV: 1972-1992 6234
Krivokapic, I. *see* Osmokrovic, P. 43171
Krivokapic, Z. *see* Kregar, V. 2542
Krivokhatskiy, A.S. *see* Nikolaev, V.A. 39128
Krivolapchuk, V.V. *see* Kanskaya, L.M. 38486
Krivonogov, S.M. *see* Nikolaev, V.A. 38876
Krivoruchko, V.I. *see* Gordienko, Y.E. 29242
Krivoruchko, V.O. Compression of colored generated images 37004
Krivosheev, S.I. *see* Bocharov, Yu.N. 8522
Krivoy, S.R. *see* Bearnson, G.B. 15923

Kriz, M. The international standardization in the field of electric distribution systems and information technique 29203
Kriz, O. *see* Balek, V. 33627
Krizaj, D., Amon, S. Breakdown voltage of elliptic PN junctions 1904
Krizan, P. *see* Cindro, V. 27399
Krizan, P. *see* Staric, M. 46905
Krizek, M. On approximation of the Neumann problem by the penalty method 41198
Krizman, M. *see* Mrdakovic, D. 7829
Krizman, M. *see* Mrdakovic, D. 16234
Krizmanic, J.F. The depletion properties of silicon microstrip detectors with variable strip pitch 46840
Krob, M., Benidir, M. Blind identification of a linear-quadratic mixture: application to quadratic phase coupling estimation 4745
Kroc, R. *see* Qutaishat, S. 46872
Krodkiewski, J.M., Ding, J., Zhang, N. Identification of unbalance change using a non-linear mathematical model for multi-bearing rotor systems 40083
Kroeger, R. *see* Carey, R. 31749
Kroemer, H. *see* Bolognesi, C.R. 28190
Kroemer, H. *see* Bolognesi, C.R. 43000
Kroemer, H. *see* Koester, S. 42526
Kroemer, H. *see* Koester, S.J. 27546
Kroemer, H. *see* Nguyen, C. 1914
Kroemer, H. *see* Simon, A. 15027
Kroemer, H. *see* Utzmeier, T. 42500
Kroemer, H. *see* Wong, K.C. 669
Kroes, F.B., van Beuzekom, M.G., Dobbe, N.J., van Es, J.T., Jansweijer, P.P.M., Kruijer, A.H., Luigjes, G., Sluijk, T.G.B. Improvement of the 400 kV linac electron source of AmPS 7141
Kroesen, G.M.W. *see* Kersten, H. 42683
Kroger, B.J. Minimal rules for articulatory speech synthesis 13111
Kroger, P., Kusch, A., Frost, J. Rapid design of digital filters, based on input of poles and zeros 27084
Krogstad, H.E. *see* Vachon, P.W. 7625
Krohn, B.J. *see* Sullivan, J.A. 3426
Krokhin, V.V., Novikov, V.K. Transient processes in measuring the static characteristics of magnetic materials 35207
Krokoszinski, H.-J., Kjellnas, S. Advanced power modules for drives and automation 1038
Krol, D.M., DiGiovanni, D.J., Pleibel, W., Stolen, R.H. Observation of resonant enhancement of photoinduced second-harmonic generation in Tm-doped aluminosilicate glass fibers 3770
Krol, G. *see* Bechstedt, U. 6934
Krol, G. *see* Bechstedt, U. 15536
Krol, M.R., Boncek, R.K. Bit error rate and noise analysis of an InGaAs photoconductive gate at gigabit per second data rates 5898
Krolik, J.L. Sensor array processing performance evaluation via bootstrap resampling 38172
Krolik, J.L., Swingler, D.N. On the mean-square error performance of adaptive minimum variance beamformers based on the sample covariance matrix 45007
Krolikowski, J. *see* Doroba, K. 7227
Krolikowski, W., Trutschel, U., Cronin-Golomb, M., Schmidt-Hattenberger, C. Solitonlike optical switching in a circular fiber array 36028
Krolikowski, W., Yang, X., Luther-Davies, B., Breslin, J. Dark soliton steering in a saturable nonlinear medium 28995
Krolikowski, W. *see* Gizinski, P. 8936
Krolikowski, W. *see* Yang, X. 12395
Kroll, N., Smith, D.R., Schultz, S. Photonic band gap structures: a new approach to accelerator cavities 6877
Kroll, N. *see* Rimmer, R. 15511
Kroll, N. *see* Tantawi, S. 46747
Kroll, N.M., Farkas, Z.D., Lavine, T.L., Menegat, A., Nantista, C., Ruth, R.D., Wilson, P.B. A high-power SLED II pulse compression system 15668
Kroll, N.M. *see* Ruth, R.D. 46776
Kroll, R. *see* Riefenstahl, U. 17623
Kroll, R.I. Experiences using object oriented programming methodology with C [wind tunnels] 47175
Kroll, S., Elman, U. Photo-echo-based logical processing 12382
Kroll, S., Tidlund, P. Recording density limit of photon-echo optical storage with high-speed writing and reading 20240
Kroll, U., Meier, J., Goetz, M., Howling, A., Dorier, J.-L., Dutta, J., Shah, A., Hollenstein, Ch. Influence of higher deposition temperature on a-Si:H material properties, powder formation and light-induced degradation, using the VHF (70 MHz) glow discharge technique 33711
Kroll, U. *see* Jones, S.J. 41422
Kromer, I. *see* Nador, L. 7974
Kromin, A.K. *see* Veiko, V.P. 20382
Kromjong, C.J. *see* Renkens, J.J.H. 36409
Kromp, K.H. *see* Heindler, M. 39884
Kromp, W. *see* Heindler, M. 39884
Krompholz, H. *see* Hegeler, F. 35127
Kron, T., Butson, M., Wong, T., Metcalfe, P. Readout of thermoluminescence dosimetry chips using a contact planchet heater 47137
Kronberg, F.A. *see* Wong, G.S. 24455
Kronberger, H. *see* Fabjan, Ch. 40583
Kronenberg, M.L., Baker, J.W., Rissmiller, P., Bytella, J. A comparison of heat outputs attributed to lithium film formation and repair in $Li/SOCl_2$ and Li/MnO_2 cells 17167
Krongauz, V.A. *see* Weiss, V. 3918
Kronhamn, T.R. AEW performance improvements with the ERIEYE phased array radar 23170
Kronik, L., Khermosh, G., Cohen, M., Ruschin, S. Effects of mirror jitter and loss modulation in Q-switched lasers: a state-space analysis 35935
Kroninger, W., Bleicher, J. Antialiasing—lenses of too high quality 11797
Kronkvist, I. *see* Benvenuti, A. 7252
Kronland-Martinet, R. *see* Guillemain, P. 13309
Kronmuller, H. *see* Schmidts, H.F. 35211
Kroon, P. *see* Kleijn, W.B. 36609
Krooswyk, E.D., Siegfriedt, W.E. Continuous emission monitoring systems: status of the regulations and the technologies 32693
Kropachev, G.N. *see* Balabin, A.I. 46785
Kropf, F. *see* Gfirtner, H. 24168
Kropf, T. *see* Haberl, O.F. 6335
Kropfli, R.A. *see* Matrosov, S.Y. 39378
Kropholler, H.W. *see* Guesalaga, A. 38386
Kropik, W. *see* Hadrian, W. 7972
Kroposki, B.D. *see* Rahman, S. 25681
Kropp, P. Green strength of surface mount adhesives 34389
Kropp, P. Green strength of surface mount adhesives 34419
Kropp, W.R. *see* Riley, S.P. 7217
Kroschel, K., Lange, K. A real time system for noise reduction based on subarrays 30335
Krose, B.J.A., Compagner, K.M., Groen, F.C.A. Accurate estimation of environment parameters from ultrasonic data 38710
Krosnicki, J.W. *see* Fijalkowski, B.T. 47165
Kross, B. *see* Weisenberger, A. 1815
Kross, B. *see* Wojcik, R. 7244
Kross, B. *see* Wojcik, R. 31687
Kross, B. *see* Wojcik, R. 46866
Krost, A., Bohrer, J., Roehle, H., Bauer, G. Strain distribution in InP/InGaAs superlattice structure determined by high resolution x-ray diffraction 27508
Krost, A., Heinrichsdorff, F., Schnabel, F., Schatke, K., Bimberg, D., Cerva, H. Optical and crystallographic properties of high perfection InP grown on Si (111) 41292
Krost, A. *see* Bohrer, J. 42522
Krost, A. *see* Grundmann, M. 41302
Krost, A. *see* Schnabel, R.F. 26438
Krost, G., Rumpel, D., Spanel, U., Kirschen, D.S. Information requirements of EMS based expert systems 32269
Krost, G. *see* Heilbronn, B. 24818
Krost, G. *see* Rumpel, D. 39493
Krotkus, A., Pasiskevicius, V., Lideikis, T., Treideris, G., Lescinskas, D., Jasutis, V. Ultrafast photoconductors from low-temperature MOCVD-grown GaAs and InGaAs epitaxial layers 31226
Krotkus, A. *see* Pachebutas, V. 10725
Krotkus, A. *see* Pasiskevicius, V. 3340
Krotov, A.V. *see* Golovin, O.V. 22767
Krotz, W. *see* Ulrich, A. 20591
Krotz, W. *see* Ulrich, A. 20602
Krotz, W. *see* Ulrich, A. 43726
Krotz, W. *see* Wieser, J. 20644
Krousky, E. *see* Krasa, J. 38849
Krowne, C.M. Electromagnetic properties of nonreciprocal composite chiral-ferrite media 29148
Krowne, C.M., Blakey, P.A. Submillimeter wave low-temperature admittance of *n*-GaAs and *n*-InP diode structures 2428
Krozer, V., Grub, A. A novel fabrication process and analytical model for Pt/GaAs Schottky barrier mixer diodes 19066
Krozer, V. *see* Grub, A. 10466
Krsanac, D. *see* Kalman, S. 37671
Krsic, I. *see* Ivancic, M. 38412
Krstic, S. *see* Osmokrovic, P. 43171
Kruangam, D., Boonkosum, W., Panyakeow, S. Visible thin film light emitting diode using a-SiN:H/a-SiC:H heterojunctions 28664
Kruangam, D. *see* Boonkosum, W. 35612
Kruangam Dusit *see* Dusit Kruangam
Kruaval, G.B., Parsons, J.D. Morphological structure of silicon carbide grown by chemical vapor deposition on titanium carbide using silane and ethylene 41254
Kruaval, G.B. *see* Parsons, J.D. 41255
Kruchinin, S. *see* Artamonov, A. 31697
Kruck, J.F., Dambrine, G., Cappy, A. Characterizations of field effect devices in V band 27219
Kruck, K. *see* Borsch, H. 15552
Kruczek, R.M. *see* Ianniello, J.W. 39333
Krueger, A. *see* Fukushima, Y. 15662
Krueger, M.S. *see* Angello, L.C. 8123
Krug, P.A., Eggleton, B., Coll, P. Growth of holographically written optical fibre Bragg gratings 36061
Krug, P.A. *see* Eggleton, B. 38019
Krug, S. *see* Feldmann, K. 40921
Kruger, A., Haba, J., Kanda, N., Nagashima, Y., Tatsumi, D., Ogawa, K., Sakuda, M., Sumiyoshi, T. Electron identification with an upgraded VENUS detector 38860
Kruger, D., Kurps, R., Zaumseil, P. Investigation of defect generation and precipitation in antimony implanted silicon 19504
Kruger, D. *see* Klatt, J. 18208
Kruger, D. *see* Kuhne, H. 33653
Kruger, D. *see* Lippert, G. 33619
Kruger, D. *see* Morgenstern, T. 18294
Kruger, D. *see* Ramm, J. 19545
Kruger, F.J. *see* Gereth, R. 33006
Kruger, J. *see* Dossel, O. 15821
Kruger, J.H. *see* van Ross, A. 48239
Kruger, K. *see* Dietmayer, K. 31125
Kruger, K. *see* Fischer, U.H.P. 30818
Kruger, M. Compact power supply with high-speed synchronous generator 48237
Kruger, R. *see* Bosse, H. 31209
Kruger, R.P. *see* Miller, E.K. 44189
Kruger, T. *see* Schiele, W. 9886
Kruger, U. *see* Fischer, U.H.P. 30818
Kruger, W. *see* Visser, H. 47124
Kruglik, S.G. *see* Apanasevich, P.A. 3882
Kruglov, A.A. *see* Capeans, M. 24060
Kruglov, V.I., Volkov, V.M. Auto-waveguide regime of propagation of laser radiation with a helical structure of the phase and the problem of its propagation in media with different mechanisms of nonlinearity 35987
Kruhler, W. *see* Lampert, M.D. 35575
Kruhler, W. *see* Ostendorf, H.-C. 28090
Kruijer, A.H. *see* Kroes, F.B. 7141
Kruijshoop, A. *see* Hsieh, R.-C. 6001
Kruis, J.-S. *see* van den Hemel, M. 38192
Kruiskamp, M.W., Leenaerts, D.M.W. A CMOS peak detect sample and hold circuit 46992
Kruit, P. *see* Koets, E. 28001
Krukar, D.M. *see* Krukar, R.H. 6780
Krukar, R., Kornblit, A., Clark, L.A., Kruskal, J., Lambert, D., Reitman, E.A., Gottscho, R.A. Reactive ion etching profile and depth characterization using statistical and neural network analysis of light scattering data 2133
Krukar, R.H., Naqvi, S.S.H., McNeil, J.R., Hush, D.R., Franke, J.E., Niemczyk, T.M., Keller, D., Gottscho, R.A., Kornblit, A. Analyzing simulated and measured optical scatter for semiconductor process verification 2147
Krukar, R.H., Prins, S.L., Krukar, D.M., Petersen, G.A., Gaspar, S.M., McNeil, J.R., Naqvi, S.S.H., Hush, D.R. Using scattered light modeling for semiconductor critical dimension metrology and calibration 6780
Krulc, Z. Some special applications of geoelectrical investigations 33456
Krull, W.A. *see* Boesch, H.E., Jr. 34688
Krull, W.A. *see* Stahlbush, R.E. 34687
Krulle, C.A. *see* Quenter, D. 11551
Krumbugel, M.A., Totzeck, M. Calculation of the diffraction nearfield of weak phase objects by a simple adaptation of the uniform asymptotic theory 44337
Krummann, W. *see* Bogorad, A. 39304
Krummenacher, F. *see* Campbell, M. 46972
Krummrich, P. *see* Grebel, H. 1389
Krummrich, P.M. Prospects of pumping Pr^{3+}-doped fiber amplifiers at 980 nm 3543
Krump, G. ADC and DAC converter boards—how does their performance correspond to specifications? 27014
Krumpelt, M. *see* Kumar, R. 17321
Krumpholz, M., Russer, P. A generalized method for the calculation of TLM dispersion relations 29128
Krumpholz, M., Russer, P. Discrete time-domain Greens functions for three-dimensional TLM modelling of the radiating boundary conditions 44522
Krumpholz, O., Pressmar, K., Schlosser, E. LED-carrier with reflector for plastic optical fibers 5881
Krumrey, M. *see* Gaines, D.P. 27822
Krumrey, M. *see* Stephan, K.-H. 11808
Krupanidhi, S.B. *see* Mohan Rao, G. 41431
Krupenin, V.A., Lotkhov, S.V., Vyshenskii, S.V. Photo- and electron-beam lithography sharing common stencil 27891
Krupezevic, D.V., Brankovic, V.J., Arndt, F. The wave-equation FD-TD method for the efficient eigenvalue analysis and S-matrix computation of waveguide structures 44540
Krupezevic, D.V. *see* Braknovic, V.J. 4203
Krupka, J., Cros, D., Aubourg, M., Guillon, P. Study of whispering gallery modes in anisotropic single-crystal dielectric resonators 34225
Krupka, J. *see* Modelski, J. 27151
Krupke, W.F. *see* DeLoach, L.D. 43756
Krupke, W.F. *see* Payne, S.A. 20731
Krupke, W.F. *see* Payne, S.A. 43787
Kruppa, W., Boos, J.B. Transient response measurement of kink effect in InAlAs/InGaAs/InP HEMTs 35027
Kruppa, W. *see* Boos, J.B. 1554
Kruse, A., Reichel, T., Zech, G. A high resolution induction strip readout for wire chambers 31734
Kruse, D.L. High performance BLDC/stepper motor controller doesn't need encoder 40249
Kruse, D.L. BLDC/stepper motor controller for high performance incremental motion 47892
Kruse, H. *see* Bernt, P. 30557
Kruse, J.W. *see* Gao, F. 2881

Kruse, K.-D., ter Haseborg, J.L., Wendt, D.O. EM environment for automobiles between 10 kHz and 1 GHz—frequency dependence, parasitic radiators, shielding effects 44448
Kruse, P.W. *see* Cole, B.E. 9777
Kruse, P.W. *see* Johnson, B.R. 31269
Kruse, T. *see* Glunz, W. 953
Krusell, W.C. *see* Hitchens, W.R. 845
Krusell, W.C. *see* Hitchens, W.R. 9795
Kruseman, B. *see* Schwering, P. 32155
Krushenik, S.D. *see* Kirichenko, A.M. 8093
Krusic, P.J. *see* Fagan, P.J. 9804
Krusius, J.P. *see* O'Brien, D.E. 40946
Krusius, J.P. *see* Osse, A.L.M. 42566
Kruskal, J. *see* Krukar, R. 2133
Krusor, B.S. *see* Bour, D.P. 43922
Kruszewski, J., Beblowska, M., Bieiski, J., Medzilo, S. Current applications of ion exchange processes. Examples 43489
Kruszynska, M.N. *see* Zondervan, A. 46867
Krutemeier, F., Schulz, K., Lichtenberger, S. Experiences with a digital real time simulator for testing a combined startup and excitation control unit 16686
Kruys, J. HIPERLAN, applications and requirements 37428
Kruzelecky, R.V. *see* Boudreau, M. 26490
Kruzelecky, R.V. *see* Pang, Z. 26503
Kruzhaev, V.V. *see* Germanenko, A.V. 34617
Kruzhilin, Y. Laser prospects for SPS and restoration of the ozone layer 32011
Kryder, M.H. *see* Du, M. 20419
Kryder, M.H. *see* Sui, X. 2799
Krygier, J. Problems of energy-saving operation of induction motors 8423
Krylov, A.I., Panasenkov, A.A., Kulygina, G.S. Numerical simulation of secondary particles in electrostatic accelerator 46739
Krylov, A.R. *see* Aleinikov, V.E. 15648
Krylov, G.G., Sergeyev, S.V. Influence of the radiationless energy transfer on optical switching in an anisotropic dye laser with saturable absorber 3467
Krylov, G.G. *see* Gaisenok, V.A. 43750
Krylov, S.V. *see* Jermendy, L. 7973
Krylov, V.D. *see* Nikonenkov, N.V. 32968
Krylova, N.O. *see* Chetwynd, D.G. 38703
Krymov, A.L. *see* Shul'gin, B.V. 46882
Krynetski, I., Szymczak, H., Szymczak, R., Zawadzki, J. Thermal expansion and magnetoelastic coupling in single-crystal $HoCo_3Ni_2$ 35210
Krynov, G.S. *see* Arapov, L.N. 15283
Kryshkin, V.I., Lapshin, V.G., Mysnik, A.I., Polyakov, V.A., Ronzhin, A.I., Chuiko, B.V. A calorimeter with wavelength shifting fibers and scintillators parallel to the beam 7194
Kryshkin, V.I. *see* Buzulutskov, A.F. 31710
Kryshkin, V.I. *see* Buzulutskov, A.F. 31767
Kryshkin, V.I. *see* Buzulutskov, F. 24056
Kryskowski, D., Maxwell, J.R. Detection and estimation of spectral emissivity in the thermal infrared 29840
Kryuchenko, Yu.V. *see* Litovchenko, V.G. 19291
Kryukov, I.I. A comparative analysis of transmission ultrasonic testing methods 18335
Kryzhanovsky, V. *see* Bochkov, A. 20642
Krzeminski, Z., Jaderko, A. Main magnetic path saturation effect in observer system of the induction motor 16880
Krzeminski, Z. *see* Bogalecka, E. 8407
Krzemiriski, Z., Bielewicz, Z. Output voltage measurements in current controlled voltage source inverter 40337
Krzhimovskii, V.I. *see* Zelikman, M.A. 2894
Krzymien, W.A. *see* Benterud, K.P. 23015
Krzysko, M. Bayes estimators of the discriminant scores in the statistical group classification problems 488
Ksendzov, A. *see* George, T. 10705
Kshirsagar, S.P., Hartley, D.A., Harvey, D.M., Hobson, C.A. Design and application of parallel digital signal processor based image processing system for industrial inspection 34105
Kshirsagar, S.P., Hobson, C.A., Hartley, D.A., Harvey, D.M. Image processing system architecture using parallel arrays of digital signal processors 22098
Kshirsagar, S.T. *see* Dusane, R.O. 9697
Ksica, L. The PBS internal combustion turbines in cogeneration of power and heat 32744
Ku, C.C. *see* Lee, K.Y. 24862
Ku, D.C. *see* Filo, D. 34026
Ku, K.-M., Chiu, P.P.K. A combined method for stroke segmentation and feature extraction for handwritten characters 29907
Ku, W.H. *see* Cesear, T.M. 10032
Ku, W.H. *see* Soni, T. 29812
Ku, W.H. *see* Yacoub, G.Y. 27026
Ku Chao-Chee *see* Chao-Chee Ku
Kuan, C.H., Choi, K.K., Chang, W.H., Farley, C.W., Chang, F. Suppression of partition noise in infrared hot-electron transistors 20532
Kuan, C.H., Tsui, D.C., Choi, K.K., Chang, W.H., Chang, C., Farley, C. Background limited infrared hot-electron transistor at 77 K 23636
Kuan, C.H., Tsui, D.C., Choi, K.K., Newman, P.G., Chang, W.H. Hot-electron distribution in multiple quantum well infrared photodetectors 15016
Kuan, C.H. *see* Choi, K.K. 2472
Kuan, H. *see* Su, Y.K. 9571
Kuan Min Lee *see* Ruey-Shi Chu 29388
Kuan-Min Lee, Ruey-Shi Chu, Sien-Chang Liu A built-in performance-monitoring/fault isolation and correction (PM/FIC) system for active phased-array antennas 36413
Kuan-Teck Chang *see* Teck-Seng Low 25870
Kuanchih Wang *see* Hanqi Zhuang 46334
Kuang, E., Davis, T.J., Kerslick, G., Nation, J.A., Schachter, L. Transit time isolation of a high power microwave amplifier 1807
Kuang, L. *see* Visser, A. 31475
Kuang Chen Hsiung *see* Hsiung Kuang Chen
Kuang Jiao-xun Approximate methods for generalized inverses of operators in Banach spaces 9448
Kuang Jiao-Xun, Lu Lian-Hua On the unique solvability of the nonlinear systems in MBDM 41174
Kuang Shi *see* Chen Guangju 38375
Kuang Shiann-Rong *see* Shiann-Rong Kuang
Kuang-Chao Chen *see* Lai-Juh Chen 26492
Kuang-Chao Fan, Kuang-Pu Wen Non-contact automatic measurement of free-form surface profiles on CNC machines 38681
Kuang-Chao Fan, Wu, J.H. A parallel beam scanning system for flatness measurements of thin plates 23897
Kuang-Chien Chen, Fujita, M. Network resynthesis algorithms for delay minimization 18642
Kuang-Hua Chang *see* Choi, K.K. 41212
Kuang-Lung Tsai *see* Der-Cherng Liu 42477
Kuang-Pu Wen *see* Kuang-Chao Fan 38681
Kub, F.J. Multiple-gate MOSFET magnetic-field sensing device and amplifier 46413
Kub, F.J., Anderson, G.W. Compressing photodetectors for long optical pulses using a lateral blooming drain structure 11835
Kuba, E. *see* Mochinaga, Y. 17538
Kubalek, E. *see* Bohm, C. 2645
Kubalek, E. *see* Bohm, C. 43046
Kubalek, E. *see* David, G. 27266
Kubalek, E. *see* David, G. 42238
Kubalek, E. *see* Kraus, J. 2594
Kubalek, E. *see* Mertin, W. 1650
Kubalek, E. *see* Mertin, W. 42237
Kubalek, E. *see* Schottler, M. 43050
Kubalek, E. *see* Taenzler, F. 42236
Kuball, M. *see* Grohs, J. 3803
Kuban, D. *see* Zimmermann, S. 38554
Kubarev, V.A. The effect of transverse inhomogeneity of the pumping field on electron motion in nonadiabatic magnetic undulators with guiding magnetic field 4001
Kubarev, V.A. *see* Aleksandrov, A.F. 1790
Kubarev, V.A. *see* Aleksandrov, A.F. 1802
Kubarev, V.A. *see* Aleksandrov, A.F. 11908
Kubarev, V.A. *see* Aleksandrov, A.F. 29105
Kubarev, V.A. *see* Aleksandrov, A.F. 46803
Kubasik, J. *see* Jajszczyk, A. 22400
Kubat, M., Flotzinger, D., Pfurtscheller, G. Discovering patterns in EEG-signals: comparative study of a few methods 24286
Kubata, V.G. *see* Antyufeev, V.I. 29739
Kubata, V.G. *see* Bykov, V.N. 31410
Kube, G. *see* Angert, N. 6905
Kubecek, V. *see* Agnesi, A. 20983
Kubelka, J. *see* Koselja, M. 28753
Kubena, R.L. Resolution limits of focused-ion-beam resist patterning 11104
Kubiak, G.D., Berger, K.W., Haney, S.J., Tichenor, D.A., Stulen, R.H. High-power laser plasma sources: soft X-ray projection lithography and other applications 19687
Kubiak, G.D., Hwang, R.Q., Schulberg, M.T., Tichenor, D.A., Early, K. Chemically amplified soft-X-ray resists: sensitivity, resolution, and molecular photodesorption 27827
Kubiak, G.D., Tichenor, D.A., Chow, W.W., Sweatt, W.C., Himel, M.D. Resist performance in soft X-ray projection lithography 2308
Kubiak, G.D. *see* Early, K. 27828
Kubiak, G.D. *see* Haney, S.J. 27814
Kubiak, G.D. *see* Taylor, G.N. 28037
Kubiak, G.D. *see* Tichenor, D.A. 27831
Kubiak, J.A., Carnero, A., Ramfrez, J.A., Ojeda, J.M., Aguirre, J.E. Analysis of improved and original designs of the last stage blade 32530
Kubiatowicz, J. *see* Agarwal, A. 18772
Kubic, J. *see* Abbott, B. 7245
Kubica, J.M., Gazecki, J., Reeves, G.K. Mechanism of intensity modulation in ARROW waveguides 35428
Kubichek, R. *see* Irii, H. 4464
Kubik, R.D. *see* Bahar, E. 30919
Kubik, R.D. *see* Bahar, E. 36198
Kubina, S.J., Trueman, C.W., Gaudine, D., Ramos, A. Creation, visualization and analysis — the dynamics of complex models 44198
Kubina, S.J. *see* Luu, Q.C. 47170
Kubina, S.J. *see* Trueman, C.W. 41221
Kubista, E. *see* Witternigg, N. 4097
Kubler, D. *see* Eichhholtz, A. 47701
Kubler, L. *see* Diani, M. 807
Kubler, O. *see* Gerig, G. 39021
Kubli, R.A. *see* Elko, G.W. 47306
Kubo, H. *see* Dong, Y. 19008
Kubo, H. *see* Kanno, R. 48076
Kubo, H. *see* Miyatake, T. 46448
Kubo, K. *see* Dhaouadi, R. 8877
Kubo, K. *see* Dhaouadi, R. 33160
Kubo, K. *see* Shishido, T. 15356
Kubo, K. *see* Tanaka, M. 6239
Kubo, K. *see* Yoshizumi, K. 28574
Kubo, M., Harada, S., Takeshima, H., Kobayashi, T., Ohmori, T., Kobayashi, Y. Prerecorded signal characteristics of high-density optical disks 20269
Kubo, M. *see* Fujimoto, R. 25964
Kubo, M. *see* Hayashi, E. 25974
Kubo, S. *see* Miyahara, K. 20215
Kubo, T. *see* Ishida, M. 8501
Kubo, T. *see* Okamura, H. 31623
Kubo, T.S. *see* Kmetec, J.D. 28792
Kubo, U. *see* Yamamoto, S. 893
Kubo, Y. *see* Okumura, K. 17354
Kubo, Y. *see* Terasawa, Y. 11596
Kubodera, K. Research and development on mechaphotonics for the promotion of interdisciplinary research and development 11888
Kubodera, K. Trend of the research on nonlinear-optical waveguide devices 28961
Kubodera, K. *see* Asobe, M. 28969
Kubodera, K. *see* Yokohama, I. 12326
Kubodera Ken'ichi *see* Ken'ichi Kubodera
Kubokawa, J., Sasaki, H., Okubo, Y., Yorino, N., Yokoyama, R., Tanabe, R. A fast solution method for multiobjective optimal power flow by an interactive approach 7826
Kubokawa, J. *see* Kawahara, K. 24886
Kubokawa, J. *see* Sasaki, H. 16637
Kuboki, K. *see* Kitajima, S. 38007
Kubono, R. Comparison of some characteristics of contact resistances of four kinds of Ag-Pd alloy contacts with frequent switching of a 30V, 10A DC resistive circuit 1680
Kubono, T. Some characteristics of Ag/Cd 11 wt% contacts on relays switching on and off a DC 30-V 10-A resistive circuit 42273
Kubono, T., Mogami, M. Some characteristics of switching contacts riveted on both supporting arms arranged partially parallel at these tips 19184
Kuboschek, M. *see* Otterstedt, J. 41995
Kubota, A. *see* Ohtsubo, H. 33571
Kubota, H., Matsuse, K. Simultaneous estimation of speed and rotor resistance of field oriented induction motor without rotational transducers 17424
Kubota, H., Nakazawa, M. Soliton transmission with long amplifier spacing under soliton control 5867
Kubota, H., Nakazawa, M. Soliton transmission control in time and frequency domains 6087
Kubota, H., Ozaki, Y., Matsumoto, M., Kanamori, H. Determination of X-ray tube focal spot position 7346
Kubota, H., Ozaki, Y., Matsumoto, M., Kanamori, H. Effects of X-ray tube-voltage ripple and current mode on patient dose 7505
Kubota, H., Suzuki, K., Yamada, E., Nakazawa, M. Ultralong distance soliton transmission using soliton control 30731
Kubota, H. *see* Fukumoto, M. 21855
Kubota, H. *see* Fukumoto, M. 36747
Kubota, H. *see* Kabashima, S. 25830
Kubota, H. *see* Kubota, Y. 26178
Kubota, H. *see* Kurokawa, K. 28763
Kubota, H. *see* Mizobuchi, Y. 11984
Kubota, H. *see* Mizuno, K. 29655
Kubota, H. *see* Nakazawa, M. 3482
Kubota, H. *see* Oishi, K. 29659
Kubota, H. *see* Suzuki, K. 22997
Kubota, H. *see* Uwano, Y. 19187
Kubota, H. *see* Yoshida, M. 7267
Kubota, K., Sato, M., Ohtsuki, T., Suzuki, K. A CAM-based hardware implementation of the improved line-search algorithm 41593
Kubota, K. *see* Araki, S. 20495
Kubota, K. *see* Shiba, K. 18725
Kubota, K. *see* Ujiie, M. 45551
Kubota, K. *see* Yamanaka, Y. 43380
Kubota, M. *see* Eriguchi, K. 27721
Kubota, M. *see* Heyns, M.M. 34701
Kubota, M. *see* Tamura, N. 46889
Kubota, S., Kato, S., Feher, K. Inter-channel interference cancellation technique for CDMA mobile/personal communication systems 37773
Kubota, S., Kato, S., Ishitani, T. Novel Viterbi decoder VLSI implementation and its performance 4443
Kubota, S. *see* Fujino, T. 27955
Kubota, S. *see* Kumada, T. 11048
Kubota, S. *see* Liu, L.Y. 28793
Kubota, S. *see* Nunoya, Y. 31680
Kubota, T., Arikata, I., Amakawa, K., Ohshima, K. Digital control of arc length in pulsed MIG welding 33163
Kubota, T., Iwamoto, M. Measurement of displacement current across single monolayers with thermal stimulation 6719
Kubota, T. *see* Kawabata, M. 36052
Kubota, T. *see* Kurihara, K. 25408
Kubota, Y., Kanda, S., Kubota, H., Nakada, A., Sato, T. Assemble system using standard-cell unit 26178
Kubota, Y. *see* Itoh, J. 23344
Kubota, Y. *see* Yamasaki, H. 25824

Kubota, Y. *see* Yanagihara, N. 4938
Kubotani, S. *see* Yasaki, T. 25641
Kuboyama, S., Matsuda, S., Nakajima, M., Kanno, T., Ishii, T. Numerical analysis of single event burnout of power MOSFETs 34985
Kuboyama, S. *see* Kamimura, H. 35078
Kuboyama, Y., Shibuya, T., Sato, R. Transmission theory of a parallel-two-wire-transmission-line covered with three layer media 44490
Kuboyama, Y., Takasaki, I., Mitsui, H., Isono, H., Sone, M. Study of relation between micropoints and field emission by microchannel-plate with luminescent anode 42348
Kuboyama, Y. *see* Sato, S. 43165
Kuc, R. Three-dimensional tracking using qualitative bionic sonar 23228
Kuc, R. Three dimensional docking using qualitative sonar 38175
Kucera, J.F. Northern states power installs phase II of DAS project 32305
Kuchar, A. Universal network architecture employing passive optics, active remote nodes and decentralized switching 30810
Kucharska, M. *see* Pawluk, K. 42267
Kuchcinski, K., Drabent, W., Maluszynski, J. Automatic diagnosis of VLSI digital circuits using algorithmic debugging 33999
Kucherov, Yu.N., Rudenko, Yu.N. The state of the Russian electric power industry: an assessment and proposals 39526
Kucheryavaya, I.N. *see* Podol'tsev, A.D. 29085
Kucheryavaya, I.N. *see* Shcherba, A.A. 33164
Kucheryavenkov, A.I. *see* Rubashkin, S.G. 16006
Kuchi, T. *see* Nakada, T. 46426
Kuchibhotla, R., Campbell, J.C. Resonant microcavity photodetectors 23595
Kuchinomachi, Y. *see* Kodama, H. 39015
Kuchinskii, P.V., Lomako, V.M., Petrunin, A.P., Patrakeev, S.P., Surikov, I.N., Shakhlevich, L.N. Effect of nitriding on the radiation-induced change in the electrical properties of silicon-based MIS structures 10936
Kuchinskii, V.I. *see* Deryagin, A.G. 35834
Kuchma, I. *see* Fromzel, V. 20659
Kuchta, A.W. *see* Schroter, S. 38540
Kuchta, D.M., Mahon, C.J. Mode selective loss penalties in VCSEL optical fiber transmission links 43938
Kuchta, D.M. *see* Wilson, G.C. 28825
Kuck, B. *see* Schlote, J. 26478
Kuck, S., Petermann, K., Pohlmann, U., Schonhoff, U., Huber, G. Tunable room-temperature laser action of Cr^{4+}-doped $Y_3Sc_xAl_{5-x}O_{12}$ 35714
Kuck, S. *see* Eilers, H. 28777
Kuck, S. *see* Ryba-Romanowski, W. 43802
Kuckelhaus, K. *see* Tavlykaev, R. 43477
Kuczka, J.H., Hopmann, A.R. NEC versus IEC methods of protection for Class I, Division 1 versus Zone 1, hazardous (classified) locations—a comparative analysis 205
Kuczynski, M.A., Lao, W., Dong, A.M., Wong, B.C., Nicholas, H.T., Itri, B.A., Samueli, H. A 1 Mb/s digital subscriber line transceiver signal processor 30562
Kudeki, E., Wright, J.W. Estimates of the scattering cross section of equatorial electrojet irregularities over the 3- to 7-MHz frequency band 47258
Kudela, R. Growth in $In_{1-x}Ga_xAs$ by vapour phase epitaxy and analysis of growth conditions 18179
Kudelainen, V.I. *see* Aleksandrov, A.V. 7142
Kudelainen, V.I. *see* Aleksandrov, A.V. 31655
Kudelainen, V.I. *see* Aleksandrov, A.V. 38805
Kudelya, A.M., Il'in, V.A., Denisov, A.G. Microwave detection by endface Josephson junction in controlled signal mode 19022
Kudielka, K.H. *see* Neubert, W.M. 38107
Kudija, C.T. *see* Harty, R.B. 39306
Kudinov, A.A. *see* Kudinov, V.A. 18310
Kudinov, E.K. *see* Shelykh, A.I. 11546
Kudinov, V.A., Kudinov, A.A., Vorob'yov, B.V., Denisov, A.Yu. A method of reduction of thermal conductivity problems for multilayer structures to single layer structures 18310
Kudo, H., Saito, T. Reconstruction of emission tomographic images using the compound Gauss-Markov random field 24259
Kudo, H. *see* Hashimoto, Y. 23960
Kudo, H. *see* Inoguchi, K. 43865
Kudo, H. *see* Saito, T. 15806
Kudo, H. *see* Saito, T. 24238
Kudo, I. *see* Uchiyama, K. 10192
Kudo, K., Achiha, M., Onoda, J. Study on high quality conversion for PAL television signals 23299
Kudo, K., Arai, S., Shim, J.I. Linewidth reduction of DSM lasers due to effects of composite cavity and distributed reflectors 12278
Kudo, K., Nagashima, Y., Tamura, S., Arai, S., Huang, Y., Suematsu, Y. $Ga_{0.66}In_{0.34}As/GaInAsP/InP$ tensile-strained single-quantum-well lasers with 70-nm period wire active region 20780
Kudo, K. *see* Arai, S. 28834
Kudo, K. *see* Fukada, S. 42748
Kudo, K. *see* Lee, J.-S. 9615
Kudo, K. *see* Lee, J.-S. 33601
Kudo, K. *see* Maruyama, S. 11378
Kudo, K. *see* Miyake, Y. 12206
Kudo, K. *see* Mori, F. 26184
Kudo, K. *see* Muruyama, S. 20038
Kudo, M., Mishima, T., Washima, M. Electrical and optical properties of selectively doped $Al_{0.25}Ga_{0.75}As/In_yGa_{1-y}As$ ($0.25 \leq y \leq 0.45$) pseudomorphic heterostructures grown by molecular-beam epitaxy 26408
Kudo, R. *see* Suzuki, T. 39495
Kudo, S. *see* Sugawara, S. 43231
Kudo, T. *see* Ishihara, T. 17331
Kudo, T. *see* Ozeki, T. 38097
Kudo, T. *see* Przybilla, K.J. 11052
Kudo, T. *see* Roschert, H. 11047
Kudo, Y. *see* Imaide, T. 14826
Kudoh, E. On the capacity of DS/CDMA cellular mobile radios under imperfect transmitter power control 5786
Kudoh, H. Very low voltage dual polycide gate 0.8 μm CMOS process 'Andromeda' 35068
Kudoh, Y. *see* Matsumura, Y. 17863
Kudou, H. *see* Kido, M. 7790
Kudou, H. *see* Kido, M. 39685
Kudrak, E.J., Abys, J.A. A designed experiment to determine porosity 38754
Kudratillaev, A.S. *see* Islamova, V.I. 39669
Kudrin, B.I., Baryshnikov, O.P., Fufaev, V.V. Determining the frequency and extent of servicing and repair of electrical machines in specialised works 8290
Kudrja, E.A. *see* Tshidjenko, I.M. 25835
Kudrolli, A. *see* Sridhar, S. 44529
Kudryashev, V.E. *see* Kalinkin, S.I. 24484
Kudryashov, B.D. Error probability for repeat request systems with convolutional codes 36511
Kudryashov, R.A., Ermakov, S.A., Nissenbaum, I.A., Novoselov, Yu.B., Fraishteter, V.P., Khatskelevich, I.G. Trends and opportunities for saving energy resources in the production of oil in Western Siberia 9069
Kudryashov, V.A., Borzenko, T.B., Krasnov, V.V., Aristov, V.V. New microlithography technologies based on resist irradiation by low energy electrons 28044
Kudryashov, V.A. *see* Borzenko, T.B. 27752
Kudryavtsev, A.N. *see* Nikonenkov, N.V. 32968
Kudryavtsev, A.V. *see* Zheleznyi, V.B. 21185
Kudryavtsev, V.G. *see* Katalev, V.V. 15461
Kudryavtsev, Ye.P., Neklepayev, B.N. Analysis of the deflection of flexible conductors under short-circuit conditions 39615
Kudu, K. *see* Aints, M. 11349
Kudumakis, P.E., Sandler, M.B. Synthesis of audio signals using the wavelet transform 23368
Kudva, J.N., Marantidis, C., Gentry, J., Blazic, E. Smart structures concepts for aircraft structural health monitoring 38387
Kudva, J.N. *see* Marantidis, C. 38388
Kuebart, W., Reemstma, J.H., Grosskopf, H., Gyuro, I., Kaiser, D., Conrad, H., Gross, H., Grotjahn, F., Eisele, H. Monolithically integrated 10 Gbit/s InP-based receiver OEICs: design and realization 35624
Kuebart, W. *see* Kaiser, D. 28671
Kuech, T. *see* Chen, C.-P. 19424
Kuech, T. *see* Fuoss, P. *(editor)* 9105
Kuech, T.F. *see* Chen, C.-P. 34909
Kuech, T.F. *see* Redwing, J.M. 41256
Kuech, T.F. *see* Wolford, D.J. 34583
Kueck, J.D. Testing deficiencies in auxiliary feedwater systems 16539
Kuehler, J. *see* Wood, M. 46891
Kuehlmann, A., Bergamaschi, R.A. Timing analysis in high-level synthesis 26869
Kuehlmann, A. *see* Bergamaschi, R.A. 34025
Kuehn, C.E. *see* Davis, J.L. 21248
Kuehn, S.E. Motor-operated valve testing and diagnostics 39784
Kuehn, S.E. Retrofit control technology reducing NO_x emissions 39903
Kuehne, J.W. *see* Chapman, R.A. 20003
Kuei Chu-Hua *see* Chu-Hua Kuei
Kuek, S.S., Wai-Choong Wong, Vijayan, R., Goodman, D.J. A predictive load-sharing scheme in a microcellular radio environment 22842
Kuelz, K.W. *see* Hsia, P.-W. 24328
Kuen-Bey Chen *see* Pin-Chieh Hsu 40900
Kuen-Chyuan Lin *see* Chang, E.Y. 27572
Kuen-Sane Din, Guo-Chung Chi Investigation of GaAs deep etching by using reactive ion etching technique 10905
Kuen-Sane Din, Guo-Chung Chi CHF_3 and NH_3 additives for reactive ion etching of GaAs using CCl_2F_2 and $SiCl_4$ 10906
Kuenen, J.C. *see* van der Gevel, M. 34187
Kuester, E.F. *see* Chang, D.C. 10479
Kuester, E.F. *see* DeLyser, R.R. 12748
Kufa, V.A. Model of a magnetically hard material consisting of normally distributed biaxial particles 35208
Kuffel, E. *see* Ming Yu 41168
Kuffel, J. *see* Li, Y.M. 32504
Kuffel, R. *see* McLaren, P.G. 32495
Kuffer, M. State of the art steam conditioning valve technology. I. Function, application and duties 32629
Kuffer, M. State of the art steam conditioning valve technology. II 40001
Kufner, M. *see* Brenner, K.-H. 11663
Kufner, M. *see* Brenner, K.H. 20369
Kufner, M. *see* Frank, M. 11662
Kufner, S. *see* Brenner, K.-H. 11663
Kufner, S. *see* Brenner, K.H. 20369
Kufner, S. *see* Frank, M. 11662
Kug-Hyun Song, Soon-Ja Park Gas sensing characteristics of tin dioxide with small crystallites 15114
Kuga, K. *see* Yoshimoto, H. 20144
Kuga, N., Arai, H. A method of suppressing the mutual coupling between two inverted-F antennas 36442
Kuga, S. *see* Inoue, K. 36850
Kuga, Y., Ishimaru, A., Rice, D. Velocity of coherent and incoherent electromagnetic waves in a dense strongly scattering medium 21240
Kugel, A. *see* Klefenz, F. 15666
Kugeler, K., Barnert, H. The application of the HTR for electricity and process heat production 39843
Kugi, A. Nonlinear regulation methods for electrical machines 16826
Kugimiya, K., Ueda, I., Iizima, K. Characterization of thin PZT films on platinum films 11368
Kugiya, F. *see* Futamoto, M. 2843
Kugiya, F. *see* Ide, H. 20425
Kugiya, F. *see* Kirino, F. 28351
Kugiya, F. *see* Kirino, F. 41492
Kugiya, F. *see* Maeda, T. 20424
Kugiya, F. *see* Minemura, H. 20271
Kugizaki, R., Curtis, D., Turner, J. Automatic geometry correction in a single lens light-valve projector 38620
Kugler, H. *see* Amendola, G. 15300
Kugler, H. *see* Bossart, R. 7139
Kugler, H.-J. *see* Keil, K. 37753
Kugler, K.H. *see* Clausnitzer, G. 31622
Kuh, E.S. *see* Shen Lin 33833
Kuh, E.S. *see* Tianxiong Xue 33832
Kuhara, K. *see* Iseki, M. 41499
Kuhl, D. *see* Hieronymi, F. 20567
Kuhl, G. Conflicts between EMC regulations in Germany 29213
Kuhl, J. *see* Klingenstein, M. 15001
Kuhl, J. *see* Klingenstein, M. 31224
Kuhl, K. *see* Lang, W. 19488
Kuhl, K. *see* Sandmaier, H. 14961
Kuhl, M. *see* Eberl, G. 29066
Kuhlman, M.A. *see* Bassett, R.N. 351
Kuhlow, B., Pawlowski, E., Ferstl, M. Two-dimensional arrays of diffractive microlenses for optical interconnects 12456
Kuhlow, B. *see* Pawlowski, E. 29047
Kuhlow, B. *see* Pawlowski, E. 44166
Kuhmichel, A. *see* Bachler, J. 46934
Kuhn, C. *see* Maazouzi, C. 31746
Kuhn, E. *see* Wehrli, W. 32665
Kuhn, G. *see* Althaus, H.-L. 37990
Kuhn, G.J. The use of secret-key techniques in forward information verification 12945
Kuhn, H. Organized monolayer assemblies—their role in constructing supramolecular devices and in modeling evolution of early life 42332
Kuhn, J.A. *see* Wu, W.-C.S. 41694
Kuhn, M. *see* Breide, S. 23268
Kuhn, M. *see* Klinger, V.M. 1466
Kuhn, O., Maude, D.K., Portal, J.C., Henini, M., Eaves, L., Hill, G., Pate, M. Modulated blue shift of the quantum well electroluminescence in a GaAs/AlAs superlattice resonant tunnelling device 43650
Kuhn, O. *see* Hayden, R.K. 34578
Kuhn, P.J. *see* Bafutto, M. 5256
Kuhn, T., Niemann, H., Schukat-Talamazzini, E.G., Eckert, W., Rieck, S. Context-dependent modeling in a two-stage HMM word recognizer for continuous speech 13136
Kuhn, T. *see* Mast, M. 36599
Kuhn, T. *see* Varani, L. 19707
Kuhn, U., Kawecki, A. Fading forecast for terrestrial radio links in central Europe 22790
Kuhn, W. *see* Kummer, M. 31071
Kuhn, W. *see* Visser, A. 31475
Kuhne, H. How hydrogen influences axial growth rate distribution during silicon deposition from silane 846
Kuhne, H. Regulated DC/DC converter with higher output voltage 41626
Kuhne, H., Kissinger, G., Zaumseil, P., Hinrich, S., Richter, H. How CVD Si/Ge layer growth is controlled by each one of the reaction gas components 41428
Kuhne, H., Morgenstern, T., Fischer, A., Kissinger, G., Kruger, D. On chemically vapour-deposited Si/Ge growth in a multi-wafer deposition process at atmospheric pressure 33653
Kuhne, H. *see* Morgenstern, T. 18294
Kuhne, M., Jirmann, J. Measurement aids for the UHF amateur 45752
Kuhne, S. *see* Riefenstahl, U. 17623
Kuhnel, H. *see* Buhmann, J. 21608
Kuhnel, V. *see* Kaatze, U. 24551
Kuhnell, B.T. *see* Liu Chao 31107
Kuhner, G. *see* Sulz, G. 6642
Kuhnert, E. Reliable accident protection and high operating security through GPS—supported network management technique 16437
Kuhnke, K. *see* Jakob, P. 27682
Kuhnle, P.F. *see* Hamell, R.L. 23398
Kuhns, F. Automating testability analysis of analog circuits and systems 23442
Kuhns, F.G. *see* Rosenbaum, F.J. 1308

Kuhpour, M. *see* Sarstedt, M. 15329
Kuhr, J.-C. *see* Hingst, T. 42586
Kuhs, U. *see* Beek, R. 26210
Kui Dai *see* Dai Kui
Kui Fang *see* Fang Kui
Kui Zhao *see* Qingyuan Wang 20590
Kui Zhao *see* Zhao Kui
Kuie-Lin Lo *see* Ching-Tsai Pan 17479
Kuijer, P.G. *see* Langerak, J.J. 38909
Kuijk, M., Heremans, P., Vounckx, R., Borghs, G. The double heterostructure optical thyristor in optical information processing applications 11773
Kuijpers, R.J. *see* Reuhman-Huisken, M. 28015
Kuijt, J.J. *see* Heine, E. 15566
Kuik, R. *see* Van Hoesel, S. 33496
Kuin Su Yan *see* Yan Kuin Su
Kuindersma, P.I., Mols, P.P.G., Hofstad, G.L.A. v.d., Cuypers, G., Tomesen, M., Dongen, T.v., Binsma, J.J.M. Non-linear dispersion compensation: repeaterless transmission of 10 Gb/s NRZ over 107 km standard fibre with an EA-MOD/DFB module 38132
Kuindersma, P.I., Mols, P.P.G., van der Hofstad, G.L.A., Cuypers, G., Tomesen, M., van Dongen, T., Binsma, J.J.M. Packaged, integrated DFB/EA-MOD for repeaterless transmission of 10 Gbit/s over 107 km standard fibre 5984
Kuindersma, P.I. *see* Staring, A.A.M. 43926
Kuiper, L. *see* Schonfelder, V. 7146
Kuipers, U., Patzwald, D. Photovoltaic test and demonstration installation in Germany 40057
Kuivalainen, P. *see* Grahn, K. 2460
Kuixun Lin *see* Xuanying Lin 27472
Kujath, M.R., Graham, W.B. Measurement system testbed for the robotic evaluation and characterization of the space station remote manipulator system 47172
Kujawinska, M. *see* Poon, C.Y. 6814
Kujszczyk, S., Nazarko, J., Charytoniuk, W. Determination of loads of low voltage power networks 16273
Kujuro, A., Yasuda, H. Systems evolution in intelligent buildings 22398
Kuk Hun Kim *see* Seung Jae Lee 16310
Kuk Jin Chun *see* Sang Jik Kwon 42653
Kukaswadia, A.K. *see* Ji, W. 44088
Kukharchik, P.D. *see* Bovbel, Ye.I. 1335
Kukharev, A.V., Lipovskii, A.A. Second-harmonic generation in proton-exchanged optical waveguides 35427
Kukhlevsky, S.V., Kozma, L. The role of excitation parameters in high repetition-rate N_2-TE lasers 3446
Kukhlevsky, S.V., Kozma, L. Analysis of area scaling in N_2 waveguide lasers 11926
Kukhlevsky, S.V., Kozma, L. Diffusion-relaxed waveguide N_2 lasers 12026
Kukhtarev, N., Bo Su Chen, Caulfield, H.J., Venkateswaru, P. One-way image transmission via distorting media and real-time interferometry in photorefractive crystal 29780
Kukhtarev, N., Bo Su Chen, Venkateswarlu, P., Salamo, G., Klein, M. Reflection holographic gratings in [111] cut $Bi_{12}TiO_{20}$ crystal for real time interferometry 21111
Kukhtarev, N., Dovgalenko, G., Duree, G.C., Jr., Salamo, G.J., Sharp, E.J., Wechsler, B.A., Klein, M.B. Single beam polarization holographic grating recording 21101
Kukhtarev, N., Henry, M., Venkateswarlu, P., Abdeldayem, H., Frazier, D. Image processing by holographic gratings in fluorescein-doped boric acid glass 12415
Kukhtarev, N.V., Volyar, A.V., Gnatovsky, A.V. Polarized phase conjugation and some principles of parallel information transmission by a fiber/crystal system 12398
Kukhtarev, N.V. *see* Iljin, A.G. 3228
Kukhtin, V.P., Kozienko, M.T., Lamzin, E.A., Rozhdestvensky, B.V., Severgin, Yu.P., Smirnov, Yu.V., Solames, A.A., Shukeilo, I.A. A proposal of heavy nuclei accelerating complex 15581
Kukiello, P., Rabczuk, G. Fundamental mode operation conditions for a 1.2 kW transverse flow CO_2 laser for industrial applications 11973
Kukiello, P., Sliwinski, G. Characteristics of transverse DC excitation for a 1.2 kW CO_2 laser 11970
Kukiello, P. *see* Cenian, A. 11974
Kukiello, P. *see* Rabczuk, G. 11972
Kukimoto, H. Doping of wide-gap II-VI compounds for short-wavelength visible light emitting devices 42630
Kukimoto, Y., Fujita, M. Rectification method for lookup-table type FPGA's 26859
Kukita, Y. *see* Anoda, Y. 16615
Kukjin Chun *see* Youngjoo Yee 41884
Kukkal, P. *see* Sankarshanan, P.N. 18777
Kukla, M.J. *see* Lotshaw, W.T. 20724
Kukla, M.J. *see* Lotshaw, W.T. 20980
Kuklin, A.E. *see* Babin, S.A. 12014
Kuksa, V.I. *see* Morozov, A.K. 30162
Kuksenkov, D.V. *see* Deryagin, A.G. 35834
Kukuchi, S., Tanaka, T., Sugimoto, S., Okada, M., Homma, M., Arai, K. Crystallization to fine $TbFe_2$ grains and magnetic properties in rapidly quenched Fe-Tb-B alloys 43258
Kukula, J. *see* Monteiro, J. 41841
Kukura, P. End-to-end synchronization in ATM network 30186
Kukush, V.D., Ogranovich, V.M. Probabilistic estimation of mismatch errors in an output microwave power meter 31391
Kul Lee Yim *see* Yim Kul Lee
Kula, W. *see* Sobolewski, R. 28398
Kulak, A.I. *see* Makuta, I.D. 42424
Kulakov, A.A. *see* Novokhatski, A.V. 38820
Kulakov, B.A. *see* Aksinenko, V.D. 7265
Kulakov, M. *see* Donig, F. 27727
Kulakov, N., Shkitin, V., Mikaelian, A., Glebov, S. Optical associative memory with pattern weighting 11563
Kulakov, N. *see* Kiselyov, B. 11570
Kulakov, N. *see* Kiselyov, B. 11733
Kulakowski, P., Malik, M., Bashir, Y., Heald, S., Odemuyiwa, O., Camm, A.J. Dynamic number of segments of spectral temporal mapping of the signal-averaged electrocardiogram derived from duration of the QRS complex 15854
Kularatna, A.D.V.N. Techniques based on bipolar power transistor arrays for regulation of AC line voltage 1030
Kulbachinskii, V.A., Kytin, V.G., Kadushkin, V.I., Shangina, E.L., de Visser, A. Quantum corrections to the conductivity and quantum Hall effect in GaAs-GaAlAs multiple quantum well structures 34566
Kulej, T. *see* Guzinski, A. 1085
Kuleshov, E.L. Nonparametric spectral estimates of stationary random processes on finite realizations 13275
Kuleshov, N.V. *see* Mikhailov, V.P. 21043
Kuleshov, S.A. *see* Kulish, V.V. 43964
Kuleshov, V.K. *see* Berdonosov, V.A. 18341
Kuleshov, V.K. *see* Pilipovich, V.A. 11751
Kuleshov, Ye.M. *see* Kononenko, V.K. 42144
Kuleshov, Yu.A. *see* Kalmykov, A.I. 16010
Kulesza, F. *see* Estes, R. 371
Kulesza, W., Marks-Wojciechowska, Z. The correlator controllable by computer 4364
Kulick, J., Kowel, S., Leslie, T., Ciliax, R. IC vision-a VLSI based holographic display system 29057
Kulick, J. *see* Jiang, C.-L. 35813
Kulik, O.V. *see* Pikalov, M.G. 41894
Kulik, P.L. *see* Danilov, V.V. 18968
Kulikov, A. *see* Braun, H. 15298
Kulikov, A. *see* Krejcik, P. 15394
Kulikov, A. *see* Saez, P. 23989
Kulikov, A. *see* Schultz, D. 38807
Kulikov, A.M. *see* Alebastrov, V.A. 39388
Kulikov, A.Yu. *see* Dostov, V.L. 731
Kulikov, F.S. *see* Mishin, D.D. 16818
Kulikov, G.S., Mezdrogina, M.M., Persheev, S.K. Diffusion doping with silver of hydrogenated amorphous silicon containing boron impurities 10853
Kulikov, S.M. *see* Dolgopolov, Y.V. 35658
Kulikov, S.M. *see* Pevny, S.N. 35657
Kulikov, S.V. *see* Anan'ev, V.D. 47677
Kulikov, V.A., Maresov, A.G., Matveets, L.V., Snigirev, O.V. Detection of microwave radiation by thin film bridges on a bicrystalline substrate 46398
Kulikovskii, K.A. *see* Groznetskii, B.N. 21867
Kulikovskiy, B.N. *see* Dyachenko, P.P. 20660
Kulikovsky, A.V. *see* Mal'tsev, V.A. 43367
Kulin, T.M. *see* Johnson, Z.W. 39310
Kulinichenko, A.V. *see* Britvich, G.I. 7165
Kulinski, S. *see* Izewska, J. 7472
Kulish, V.V., Kuleshov, S.A., Lysenko, A.V. Nonlinear self-consistent theory of two-stream superheterodyne free electron lasers 43964
Kuljic, Z. *see* Zdenkovic, J. 17461
Kulka, D., Klug, G., Gens, W., Berger, G. Technique of optimized PWM for minimizing torque harmonics 17434
Kulkarni, A. *see* Damle, S.H. 30907
Kulkarni, A.D., Nagpurkar, V.B. Knowledge based pattern recognition using an associative processor 5067
Kulkarni, A.K., Jagannathan, V., Jain, R.P., Nakra, A.N. Online flux mapping system for large sized PHWRs—simulation model and its verification 16618
Kulkarni, D. *see* Manganaris, S. 23409
Kulkarni, M.S., Ratna, P., Kannan, S., Venkateswaran, T.V. A data logger for personnel monitoring TLD readers 24000
Kulkarni, P.V. *see* Prior, J.O. 24074
Kulkarni, S. *see* Chen, B. 20026
Kulkarni, S.K. *see* Panse, M.S. 33773
Kulkarni, S.K. *see* Panse, M.S. 39035
Kulkarni, S.R., Mitter, S.K., Tsitsiklis, J.N., Zeitouni, O. PAC learning with generalized samples and an applicaiton to stochastic geometry 4588
Kulke, B. *see* Lauer, E.J. 23987
Kulke, R., Sporkmann, T. Coplanar waveguide elements for a European CAD environment 27138
Kulke, R. *see* Becks, T. 42230
Kull, P. Extension and upgrading of SF_6 switchgear 32958
Kulla, P., Sevcik, P., Chrenek, M., Misun, J. System for digital 1D-image processing with 1024 pixel CCD sensor 38560
Kulla, P. *see* Sevcik, P. 36944
Kullberg, G. *see* Qi Huang 21146
Kuller, L. *see* Ehrhardt, A. 22306
Kuller, L. *see* Schnabel, R. 38076
Kuller, L. *see* Schnabel, R. 38128
Kullig, P. *see* Goehlich, L. 16340
Kullmann, W.H. Separation of sources of neuromagnetic examinations 31941
Kullmer, R. *see* Kargl, P.B. 2249
Kullmer, R. *see* Kargl, P.B. 9747
Kulman, J. *see* Li, W.Q. 19033
Kul'minskii, A.M. *see* Voitovich, A.P. 20604
Kulon, G. *see* Hendrix, C.E. 4122
Kulon, G. *see* Hendrix, C.E. 36204
Kulseth, C.R., Roethke, E., Bhatnagar, R. User interface issues for evolving open systems 24703
Kultsar, E. Design geometry for enclosure shielding 4148
Kultsar, E. EMC modeling tutorial 21285
Kulusic, L. *see* Godinovic, N. 46710
Kulygina, G.S. *see* Krylov, A.I. 46739
Kulynych, J.J., Vladar, K., Jones, D.W., Weinberger, D.R. Three-dimensional surface rendering in MRI morphometry: a study of the planum temporale 24240
Kuma, S. *see* Nomura, K. 20168
Kuma, S. *see* Otoki, Y. 2568
Kuma, S. *see* Sasaki, Y. 1841
Kuma, S. *see* Sasaoka, T. 35293
Kumabe, H. *see* Ishihara, T. 33063
Kumada, M. *see* Kanazawa, M. 6908
Kumada, M. *see* Kanazawa, M. 15457
Kumada, T., Tanaka, Y., Ueyama, A., Kubota, S., Koezuka, H., Hanawa, T., Morimoto, H. Study on the over-top coating suppressing surface insoluble layer generation for chemical amplification resist 11048
Kumada, T. *see* Fujino, T. 27955
Kumada, T. *see* Shimizu, T. 19167
Kumagai, A. *see* Kamimura, T. 38311
Kumagai, H., Toyoda, K., Matsumoto, M., Obara, M. Comparative study of Al_2O_3 optical crystalline thin films grown by vapor combinations of $Al(CH_3)_3/N_2O$ and $Al(CH_3)_3/H_2O_2$ 26493
Kumagai, H. *see* Thurai, M. 29168
Kumagai, K. *see* Inoue, T. 27000
Kumagai, K. *see* Inoue, T. 41936
Kumagai, K. *see* Miyata, K. 816
Kumagai, M. *see* Majima, A. 10841
Kumagai, M. *see* Saito, S. 10870
Kumagai, N., Fukahori, H., Kumagai, N., Tanno, E. Discharge characteristics of aromatic nitroso compounds-carbon composite electrodes for lithium primary cells 40395
Kumagai, N., Satodate, K., Tanno, K. Kinetics of electrochemical lithium intercalation into Nb_2O_5 as an electrode material for secondary lithium batteries 48084
Kumagai, N. *see* Kumagai, N. 40395
Kumagai, S. *see* Lee, D.-I. 14123
Kumagai, S. *see* Nishimura, T. 26298
Kumagai, T. *see* Yamagata, Y. 40377
Kumagai, Y., Hasegawa, F., Park, K. Planar to columnar transformation of PtSi in the epitaxial growth process of Si/PtSi/Si(111) double heterostructures 41282
Kumagai, Y., Ishimoto, K., Mori, R., Hasegawa, F. Temperature dependence of boron adsorption during HBO_2 irradiation on Si(111) surface evaluated by reflection high-energy electron diffraction 19607
Kumagai, Y. *see* Kamruzzaman, J. 18928
Kumagawa, M. *see* Hayakawa, Y. 33589
Kumagawa, M. *see* Suzuki, I. 726
Kumagawa, M. *see* Suzuki, I. 34588
Kumagawa, M. *see* Yamada, T. 1849
Kumagaya, M. *see* Yokota, K. 10805
Kumagaya, M. *see* Yokota, K. 19780
Kumai, S. *see* Narahara, T. 20285
Kumakura, H. *see* Nomura, K. 20168
Kumamaru, K. *see* Hong-Bin Zha 13713
Kumamoto, A. *see* Kawagoshi, T. 16178
Kumamoto, E. *see* Fujii, S. 15765
Kumamoto, S., Okuno, K. Array transducer composed of porous ceramic rectangular prism 20058
Kumamoto, S. *see* Obara, Y. 19221
Kumamoto, Y. *see* Aoki, K. 14848
Kumamoto, Y. *see* Maruyama, T. 24374
Kumano, T., Noguchi, K., Miyake, S., Uchiyama, T., Aoki, N., Kamisada, Y., Ichihara, M., Oda, Y. R&D for high efficient Nb_3Sn superconducting wire by tube method in Super-GM 2868
Kumano, T. *see* Miki, I. 17426
Kumano, T. *see* Miki, I. 25872
Kumanoya, M. *see* Hamada, M. 10152
Kumanoya, M. *see* Slater, M. 26957
Kumar, A., Bar-Shalom, Y. Time-domain analysis of cross-correlation for multitarget/multipath time delay estimation 4601
Kumar, A., Bar-Shalom, Y., Oron, E. Precision tracking based on segmentation with optimal layering for imaging sensors 29848
Kumar, A., Gallawa, R.L. Bent rectangular core waveguides: an accurate perturbation approach 44528
Kumar, A., Ghatak, A.K. Space-time and gauge symmetry and solitons in optical fibres 21079
Kumar, A., Hansen, P. Digital bus-zone protection 7994

Kumar, A., Varshney, R.K., Ghadirli, S. Highly selective LP_{01} mode coupler/filter for dual mode elliptical core fibres 20332
Kumar, A., Wilisch, W.C.A., Lewis, N.S. The electrical properties of semiconductor/metal, semiconductor/liquid, and semiconductor/conducting polymer contacts 42546
Kumar, A. *see* Dwivedi, P.K. 11822
Kumar, A. *see* Ghatak, A. 20331
Kumar, A. *see* Jain, V.K. 3365
Kumar, A. *see* Naseer, A.R. 41785
Kumar, A. *see* Sharma, R.P. 21245
Kumar, A. *see* Singh, G.K. 40157
Kumar, A. *see* Singh, K. 29366
Kumar, A. *see* Thakur, D.K. 2468
Kumar, A.B.R. *see* Adapa, R. 39557
Kumar, B., Crowcroft, J. Integrating security in inter-domain routing protocols 22337
Kumar, B., Schaffer, J.D., Nookala, M., Scanlon, L.G., Jr. An electrochemical study of PEO:$LiBF_4$-glass composite electrolytes 25650
Kumar, B., Weisman, P.T., Marsh, R.A. The effect of mechanical excitation on performance of polymer batteries 17207
Kumar, B. *see* Lowbridge, P. 8957
Kumar, B. *see* Singh, I. 29575
Kumar, B. *see* Sinha, A.K. 24117
Kumar, B.P.Ajith *see* Ajith Kumar, B.P.
Kumar, B.Shiva *see* Shiva Kumar, B.
Kumar, B.V.K.Vijaya *see* Vijaya Kumar, B.V.K.
Kumar, B.V.Ratish *see* Ratish Kumar, B.V.
Kumar, C.V.R.Vasant *see* Vasant Kumar, C.V.R.
Kumar, D. Au/AuGeNi contacts to GaAs formed by rapid electron-beam processing 1930
Kumar, D.Jagadish *see* Jagadish Kumar, D.
Kumar, D.V., Raju, V.V., Kuppurajula, A. A real-time closed loop controller for security dispatch 7746
Kumar, E. Nonlinear modelling and analysis of differential input differential output amplifier based canonic RC oscillators 41709
Kumar, G., Sivashanugam, A., Sridharan, R. Performance characteristics of magnesium/para-nitrophenol cells in 2:1 magnesium electrolytes 8736
Kumar, G.S., Rangan, S. Distributed applications under TCP/IP 30213
Kumar, H., Erjavic, S. Test equipment correlation: a statistical approach 237
Kumar, J. *see* Kim, D.Y. 20247
Kumar, J. *see* Lakshmikumar, K.R. 37862
Kumar, J. *see* Santhanaraghavan, P. 33587
Kumar, K.A., Diwan, S.G. Real time Aanderaa current meter data collection system 16007
Kumar, K.Madhu *see* Madhu Kumar, K.
Kumar, K.S., Feldman, P.L., Jacobus, P.L. Pulse energization: a precipitator performance upgrade technology following low sulfur coal switching 8175
Kumar, K.S. *see* Helfritch, D.J. 32699
Kumar, K.V.R. *see* Vishvakarma, B.R. 29289
Kumar, L., Sharma, M.S., Raju, R.S., Srivastava, V., Gupta, R.K., Sharma, S.K., Verma, R., Sinha, A.K., Kapoor, S., Gupta, S.S., Sharma, R.K., Agarwala, S.S.S., Joshi, S.N. Development of a 30 W (peak) S-band helix travelling-wave tube 30908
Kumar, M., De Brabander, G.N., Chen, P., Boyd, J.T., Steckl, A.J., Choo, A.G., Jackson, H.E., Burnham, R.D., Smith, S.C. Optical channel waveguides in AlGaAs multiple quantum well structures formed by focused ion beam induced compositional mixing 10818
Kumar, M. *see* Ahmad, S. 27226
Kumar, M. *see* Hanczor, M. 6134
Kumar, M. *see* Hanczor, M. 46098
Kumar, M. *see* Issogna, P. 6125
Kumar, M. *see* Khairnar, R.S. 27424
Kumar, M. *see* Knox, M.E. 6135
Kumar, M.V.C. *see* Gupta, S.C. 6115
Kumar, N., Schmidt, H., Chenggang Xie Flat panel displays based on nano-crystalline diamond thin films 46543
Kumar, N. *see* Kalra, P.K. 24811
Kumar, P. *see* Hingorani, S. 10514
Kumar, P. *see* Narsaiah, A. 16510
Kumar, P.C.S. *see* Panicker, J. 30607
Kumar, P.T.Krishna *see* Krishna Kumar, P.T.
Kumar, P.V. *see* Hammons, A.R., Jr. 5181
Kumar, P.V. *see* Hammons, A.R., Jr. 12845
Kumar, P.V. *see* Moreno, O. 36506
Kumar, R. Requirements for a fuel cell for transportation application 17305
Kumar, R. ACMOS: an adaptive CMOS high performance logic 43117
Kumar, R., Krumpelt, M., Myles, K.M. Solid oxide fuel cells for transportation: a clean, efficient alternative for propulsion 17321
Kumar, R., Ram Nath, Dutt, M.B., Dhaul, A., Khosia, Y.P., Sharma, B.L. Characterization of furnace-annealed Si-implanted InP:Fe 2025
Kumar, R. *see* Arakawa, T. 27860
Kumar, R. *see* Ohta, T. 34860
Kumar, R. *see* Sharma, R.P. 21245
Kumar, R. *see* Sundara Raman, N. 37724
Kumar, R. *see* Verma, A.K. 4201
Kumar, R.A., Cook, R.L. The role of advanced optical diagnostics in monitoring and controlling an MHD power plant. II. 50 MW, POC topping cycle 25806
Kumar, R.R., Aditya, S., Chadha, D. Modes of a shielded conductor-backed coplanar waveguide 29259
Kumar, S., Chopra, D.R., Smith, G.C. Characterization of chemically vapor deposited tungsten on low pressure chemically deposited and reactively sputtered titanium nitride films 2237
Kumar, S., Danshin, T. A direct $\pi/4$ DQPSK modulator with memory based prefiltering and predistortion 26757
Kumar, S., Singh, K. Influence or different developers ana bleach processes on diffraction efficiency and scattering of holograms 3922
Kumar, S., Singh, K. Amplitude and bleached phase holograms recorded with a pulsed Nd:YAG laser at 532 nm wavelength 29027
Kumar, S., Vijay, S.K., Gwal, A.K. Some results of night-time scintillations at low latitude 36201
Kumar, S. *see* Cibere, J.J. 31184
Kumar, S. *see* Donald, D.A. 29185
Kumar, S. *see* Lockerbie, I. 27187
Kumar, S. *see* Salt, J.E. 37709
Kumar, S. *see* Saxena, A.K. 42545
Kumar, S. *see* Sharma, R.V. 36175
Kumar, S. *see* Varshney, P. 22852
Kumar, S. *see* Varshney, P. 37844
Kumar, S. *see* Willson, R. 32701
Kumar, S.P. *see* Veda Vyasa, A.L. 3276
Kumar, S.P.V. *see* Mukunda Rao, M. 22968
Kumar, S.Rajendra *see* Rajendra Kumar, S.
Kumar, U. *see* Neenan, T.X. 27956
Kumar, V. Physico-chemical characterisation of thermoset resin matrix of composite materials during curing by dielectric analysis 890
Kumar, V., Ammar, H.H., Kankanahalli, S. Modeling real time applications in distributed environment 22670
Kumar, V., Chandra, U., Gore, A.R., Bhattacharya, A.S. Training simulator for fuel handling system in NPP 8117
Kumar, V. *see* Ahmad, S.N. 8114
Kumar, V. *see* Balasubramanian, S. 10659
Kumar, V. *see* Balasubramanian, S. 42706
Kumar, V. *see* Folkard, M.A. 9563
Kumar, V. *see* Ghosh, S. 28591
Kumar, V. *see* Harish, C.M. 10485
Kumar, V. *see* Iyer, S.B. 34639
Kumar, V. *see* Jain, V.K. 3365
Kumar, Y.Ravi *see* Ravi Kumar, Y.
Kumar Bharath *see* Bharath Kumar
Kumar Gupta, S. *see* Pandey, Y.K. 37680
Kumar Koul, R. An optimal procedure for magnet sorting [particle accelerators] 38783
Kumar Prem *see* Prem Kumar
Kumar Rastogi, A., Tiwari, A.K., Shrivastava, R.P. A unique method for reducing losses of bends in dielectric optical wave guide 3103
Kumar Rastogi, A., Tiwari, A.K., Shrivastava, R.P. Strip dielectric waveguide antenna-for the measurement of dielectric constant of low-loss materials 6760
Kumar Sudershan *see* Sudershan Kumar
Kumaresan, R., Ramalingam, C.S., Sadasiv, A.G. On accurately tracking the harmonic components' parameters in voiced-speech segments and subsequent modeling by a transfer function 21706
Kumaresan, R. *see* Greiner, T. 24209
Kumashima, T. *see* Fujishiro, H. 33679
Kumashiro, S., Rohrer, R.A., Strojwas, A.J. Asymptotic waveform evaluation for transient analysis of 3-D interconnect structures 989
Kumazaki, K. *see* Haga, T. 707
Kumazaki, S. *see* Agnesi, A. 20983
Kumazaki, T. *see* Kawata, Y. 24216
Kumazawa, T., Oishi, M., Todoki, M. High-humidity deterioration and internal structure change of epoxy resin for electrical insulation 43217
Kumazawa, T. *see* Busso, E.P. 26519
Kumazawa, T. *see* Busso, E.P. 40947
Kumbasar, A.H. *see* Booske, J.H. 15472
Kumbhat, M., Ammar, H.H., Choudhry, M.A. The application of fuzzy logic to the design of on-line monitoring systems 25503
Kumble, B., Scott, C. Role of network intelligence in multimedia services delivery 37619
Kume, H. *see* Tanaka, H. 3035
Kume, M. *see* Imafuji, O. 12180
Kume, M. *see* Nagai, H. 20694
Kume, M. *see* Naitou, H. 3680
Kume, N. *see* Matsuoka, R. 6012
Kume, S. *see* Nishizawa, N. 35333
Kume, T., Hayashi, S., Yamamoto, K. Enhancement of photoelectric conversion efficiency in copper phthalocyanine solar cell by surface plasmon excitation 8762
Kume, T., Ryu, H., Nonaka, K., Fuson, L. Technologies and applications in open-loop PWM inverter drives 17452
Kume, Y. *see* Inuiguchi, M. 538
Kumekawa, H. *see* Yoshimi, M. 39680
Kumer, U., Chaddha, N. Comprehensive summary of performance-affecting factors of CCDs 2603
Kumm, W. *see* Abens, S. 17310
Kumme, R. Dynamic investigations of force transducers 31175
Kummer, M., Kuhn, W. ASE—audio and synchronization extension of compound documents 31071
Kummer, M. *see* Ellison, J.A. 46797
Kummerl, L. *see* Ao, R. 20259
Kummert, A. Fuzzy technology implemented in sonar systems 46111
Kummert, F. *see* Fink, G.A. 13155
Kummert, F. *see* Mast, M. 36599
Kummert, F. *see* Seestaedt, B. 13156
Kumomi, H., Yonehara, T. Transient nucleation and manipulation of nucleation sites in solid-state crystallization of a-Si films 41235
Kumoyama, K. *see* Kasuga, M. 6739
Kumozaki, K. A fiber-optic passive double star network for microcellular radio communication systems applications 14511
Kump, R.K. Why should the steel industry do anything with their PCB transformers? 33158
Kumpan, M.A. *see* Aleksandrovich, K.V. 6981
Kumpan, S.A. *see* Soures, J.M. 3410
Kumpel, W., Effing, U., Rittweger, M., Wolff, I. Parallel FDTD simulator for microwave structures 27168
Kumpfert, H. *see* Balewski, K. 46775
Kumpfmuller, H.-G. The impact of electronic components on the reliability of cars 8956
Kumshaev, S.B. *see* Atamanchuk, I.G. 27659
Kumura, F. *see* Ishikawa, M. 25367
Kun Cui *see* Cui Kun
Kun Lim Dong *see* Dong Kun Lim
Kun Mu Chen *see* Ilavarasan, P. 46031
Kun Pan, Chii-Maw Uang, Feng Cheng, Yu, F.T.S. Multimode fiber sensing by using mean-absolute speckle-intensity variation 46484
Kun Pan *see* Yu, F.T.S. 15067
Kun Tang Fu *see* Tang Fu Kun
Kun Xing *see* Xing Kun
Kun Yang *see* Yang Kun
Kun Zhang You *see* Zhang You Kun
Kun-Chih Wang, Huey-Liang Hwang, Tri-Rung Yew Novel sulfur treatment of SiO_2 surface for poly silicon growth on SiO_2/Si structure 34707
Kun-Chih Wang *see* Kuo-Chiang Hsu 42928
Kun-Chuan Lin *see* Chang, E.Y. 19420
Kun-Luh Chen *see* Heng-Sheng Huang 11319
Kun-Luh Chen *see* Heng-Sheng Huang 28273
Kun-Luh Chen *see* Jyh-Kuang Lin 1216
Kun-Lung Wu *see* Ming-Syan Chen 45581
Kun-Tao Yang *see* Yang Kun-Tao
Kun-Zen Chang, Ching-Yuan Wu Novel characteristics of the polysilicon high-low-emitter (PHL-emitter) bipolar transistor—high current gain and zero activation energy 19781
Kunakh, N.I., Chaika, G.E. A metal rod in a dielectric waveguide 36315
Kunc, V. *see* Trontelj, J. 2670
Kunchev, R., Veleva, L. Neural net vector quantizer for DCT coding of speech 4459
Kunchev, R.K. *see* Mironov, R.P. 13522
Kunchi Peng *see* Ruining Li 28775
Kunchi Peng *see* Peng Kunchi
Kunda, R.P. *see* Narain, P. 18550
Kundera, A., Mascibrodzki, I. Servo drives with synchronous motors 48155
Kundert, K.S., Clifford, I.H. Achieving accurate results with a circuit simulator 41564
Kundig, W., Holzschuh, E. Electron antineutrino mass from β-decay 47011
Kundikova, N.D. *see* Gol'tser, I.V. 12418
Kundu, A. *see* Jia-Lin Chen 37002
Kundu, M., Nasipuri, M., Basu, D.K., Nag, B., Bhattacharya, S., Das, P. A parallel architecture for real-time recognition of ECG waveforms 31960
Kundu, M.K. *see* Pal, S.K. 36972
Kundu, N. *see* French, M. 46849
Kundu, P., Chandra, D., Som, S.C. Fibre-optic medium-to-moderately high pressure sensor using the polarization change in single mode fibre due to geometrical effect 15061
Kundu, P. *see* Chaudhuri, B.B. 13527
Kundu, S., Huisman, L.M., Nair, I., Iyengar, V., Reddy, L.N. A small test generator for large designs 1154
Kundu, S. *see* Huisman, L.M. 37512
Kundur, P. *see* Morison, G.K. 24712
Kunemund, T.N. *see* Eichfeld, H.P. 34107
Kuner, D. *see* Ashby, L. 18788
Kung, A.H. Regenerative amplification of a single-frequency optical parametric oscillator 12386
Kung, D.S. Hazard-non-increasing gate-level optimization algorithms 26891
Kung, H.T. New flow control methods for high-speed networks 14165
Kung, J. Superiority and failure mode of automotive batteries insulated with polyethylene separators 40417
Kung, J. *see* Smith, E. 37302
Kung, J.-H., Kouvatsos, D.N., Hatalis, M.K. Polycrystalline silicon TFTs with various 800°C thermally grown gate oxides 28182
Kung, J.-H. *see* Kouvatsos, D.N. 11230
Kung, J.H., Hatalis, M.K., Kanicki, J. Performance of polycrystalline silicon thin film transistors with double layer gate dielectric 11229
Kung, J.T., Mills, R.N., Hae-Seung Lee Digital cancellation of noise and offset for capacitive sensors 23511
Kung, L., Vezzini, A., Reichert, K. Hybrid III: concepts for the electric system of a hybrid passenger car 48260
Kung, P. *see* Saxler, A. 18207

Kung, S.Y., Taur, J.S. Hierarchical perceptron (HiPer) networks for signal/image classifications 4636
Kung Chung-Yuan *see* Chung-Yuan Kung
Kung Gang-Feng *see* Yang Chuan-hou 5498
Kung Jung-Yuan *see* Jung-Yuan Kung
Kung Linliu *see* Chu, B. 47023
Kung Min-Chio *see* Min-Chio Kung
Kung Shih *see* Pan, I.J. 28453
Kung-Li Deng, Jyhpyng Wang Nanometer-resolution distance measurement with a noninterferometric method 38700
Kunieda, H., Tsusaka, Y., Suzuki, H., Ogasaka, Y., Awaki, H., Tawara, Y., Yamashita, K., Yamazaki, T., Itoh, M., Kii, T., Makino, F., Ogawara, Y., Tsunemi, H., Hayashida, K., Nomoto, S., Wada, M., Miyata, E., Hatsukade, I. Thirty-meter X-ray pencil beam line at the Institute of Space and Astronautical Science 15683
Kunieda, H. *see* Isshiki, T. 13544
Kunieda, H. *see* Ohtsuka, T. 19954
Kunieda, H. *see* Takeuchi, Y. 5634
Kunieda, T., Sugimoto, S., Sasaki, N. A synchronous digital hierarchy network management system 22437
Kunieda, T. *see* Hayashi, T. 30326
Kunieda, T. *see* Miura, H. 30324
Kunigita, M. *see* Yuki, M. 28280
Kunii, M. *see* Igaki, M. 43306
Kunii, T. *see* Arahira, S. 43900
Kunii, T. *see* Arahira, S. 43915
Kunii, T. *see* Katoh, Y. 20769
Kunii, Y. *see* Ugajin, M. 11295
Kunikiyo, T., Mitsui, K., Fujinaga, M., Uchida, T., Kotani, N. Reverse short-channel effect due to lateral diffusion of point-defect induced by source/drain ion implantation 42967
Kunikiyo, T. *see* Kamakura, Y. 42398
Kunimoto, F., Ohmi, T. Metal removal by wafer spin cleaning process with advanced chemical distribution system 34746
Kunimoto, W. *see* James, T.W. 28415
Kunimune, K. *see* Homma, T. 2729
Kunin, D.G. *see* Ametov, S.D. 28940
Kuninaka, M. *see* Kodama, M. 36109
Kunio, T. *see* Sugibayashi, T. 26919
Kunio, T. *see* Sugibayashi, T. 26954
Kunioka, A. *see* Nakada, T. 46426
Kunisch, J., Bahr, A., Rittweger, M., Wolff, I. Analysis of nonlinear microwave circuits using the compression approach 1493
Kunisch, J., Wolff, I. Determination of sampling points for nearly DFT-equivalent almost-periodic Fourier transforms 26648
Kunishima, I. *see* Iinuma, T. 11297
Kunitake, M. Research of neutral winds in the polar lower thermosphere using radar techniques 47272
Kunitomo, H. *see* Yoh, K. 27532
Kunitsin, V.E. *see* Zhuravlev, S.V. 29175
Kunji, A.M. *see* Cornick, K.J. 25984
Kunji Chen, Jun Xu, Xinfan Huang, Duan Feng, Dukui Zhuang, Qun Li, Wenyao Wang, Peihua Qiu Room temperature optical bistability in hydrogenated amorphous silicon-carbon alloys 12332
Kunkee, D.B. *see* Gasiewski, A.J. 6762
Kunkel, D.L. *see* Fuhr, P.L. 6527
Kunkel, M.W. *see* Baxa, E.G., Jr. 23203
Kuno, K. *see* Noro, Y. 1350
Kuno, K. *see* Watanabe, T. 31965
Kuno, S. *see* Miura, Y. 15241
Kuno, Y. *see* Tabata, A. 26514
Kuno, Y. *see* Woody, C.L. 7253
Kunov, H., Dajani, H., Seshagiri, B. Real-time method for measurement of noise exposure from sources in close proximity to the ear 15261
Kunst, M. *see* Swiatkowski, C. 33744
Kunst, M. *see* Swiatkowski, C. 34714
Kunt, M. Recent HDTV systems 14802
Kunt, M. *see* Basso, A. 30082
Kunt, M. *see* Cicconi, P. 36880
Kunt, M. *see* Cicconi, P. 45051
Kunt, M. *see* Dufaux, F. 22186
Kunt, M. *see* Ebrahimi, T. 22684
Kunt, M. *see* Karrakchou, M. 24157
Kunt, M. *see* Kowalczuk, J. 22681
Kunt, M. *see* Li, W. 22191
Kunt, M. *see* Moccagatta, I. 22195
Kuntman, H. *see* Tekdemir, E.I. 19768
Kuntz, M.R.F. Development and optimization of precursor materials for solid oxide fuel cells by the nitrate pyrolysis-process (NPA) 17340
Kuntz, W., Mores, R., Morse, M.J. CAN operated on an optical double ring at improved fault-tolerance 5445
Kuntze, A. *see* Amersfoort, M.R. 35455
Kuntzsch, C. *see* Scharf, R. 11264
Kunugi, T. *see* Tsuji, H. 28422
Kunz, A., Zimulinda, F., Heinlein, W.E. Fast three-dimensional split-step algorithm for vectorial wave propagation in integrated optics 21311
Kunz, A. *see* Moratzky, M. 35346
Kunz, H. Field or process buses in high voltage switching installations 25601
Kunz, K. *see* Luebbers, R. 29145
Kunz, K.S. Finite element/finite difference modeling in electromagnetic compatibility 44409
Kunz, K.S., Blocher, S.A. Time domain Smyth-Kirchhoff approximation to aperture coupling 44353
Kunz, K.S. *see* Zacharias, R.A. 39293
Kunz, R.E. *see* Rossi, M. 12455
Kunz, R.R., Allen, R.D., Hinsberg, W.D., Wallraff, G.M. Acid-catalyzed single-layer resists for ArF lithography 11030
Kunz, R.R., Allen, R.D., Hinsberg, W.D., Wallraff, G.M. Acid-catalyzed single-layer resists for ArF lithography 11061
Kunz, R.R., Hartney, M.A., Otten, R.W., Jr., Barouch, E., Hollerbach, U. Experiment and simulation of sub-0.25-μm resist processes for 193-nm lithography 2342
Kunz, R.R., Hartney, M.A., Rothschild, M. Resist alternatives for sub-0.35-μm lithography by using highly attenuated radiation 27826
Kunz, R.R. *see* Allen, R.D. 11103
Kunz, R.R. *see* Hartney, M.A. 11033
Kunz, R.R. *see* Hartney, M.A. 11072
Kunz, R.R. *see* Horn, M.W. 10924
Kunz, R.R. *see* Wallraff, G.M. 27957
Kunz, U. *see* Kern, A. 8868
Kunz, U. *see* Kern, A. 17492
Kunz, U. *see* Kern, A. 40547
Kunz, W., Pradhan, D.K. Recursive learning: An attractive alternative to the decision tree for test generation in digital circuits 10088
Kunze, W. *see* Gerlach, H. 25884
Kunzel, H., Bottcher, J., Hase, A., Heedt, C., Hoenow, H. Low temperature molecular beam epitaxy of Al(Ga)InAs on InP and its application to high electron mobility transistor structures 18187
Kunzel, H., Bottcher, J., Hase, A., Shramm, C. MBE growth and properties of high quality Al(Ga)InAs/GaInAs MQW structures 9639
Kunzel, H. *see* Stareev, G. 27565
Kunzinger, F.F. *see* Bursh, T.P., Jr. 22856
Kuo, A.T., Choudhury, R., Hata, W. Reliability study of TiN/AlCu/TiN interconnect in submicron CMOS process 34801
Kuo, A.T., Choudhury, R.K., Hata, W. Development of reliable multilayer metallization for submicron ULSI technology 19657
Kuo, C., Morton, B., Toms, T., Weidner, M., Chrudimsky, D., Choe, H., Bowers, M., Yeonseuk Kim, Chang, K.M., Smith, P. New submicron non-volatile memory modules for 16/32-bit devices 18714
Kuo, C. *see* Shen, P.K. 25630
Kuo, C. *see* Shen, P.K. 32989
Kuo, C.-C., Jean, F.-R., Wang, H.-C. New LSP encoding method based on two-dimensional linear prediction 21591
Kuo, C.-C.J. *see* Chang, T. 13620
Kuo, C.-C.J. *see* Chang, T. 13664
Kuo, C.-C.J. *see* Chang, T. 29601
Kuo, C.-C.J. *see* Haddadi, N. 29799
Kuo, C.-C.J. *see* Kaplan, L.M. 44982
Kuo, C.-C.J. *see* Katsavounidis, I. 29961
Kuo, C.-C.J. *see* Lee, K.M. 4985
Kuo, C.-C.J. *see* Lin, L.-C. 36726
Kuo, C.-C.J. *see* Lin, Y.C. 22119
Kuo, C.-C.J. *see* Xia, X.-G. 21827
Kuo, C.-C.J. *see* Xia, X.-G. 29705
Kuo, C.-C.Jay *see* Jay Kuo, C.-C.
Kuo, C.-T. *see* Tzer-Hsiang Huang 43624
Kuo, C.C. *see* Liu, C.T. 40593
Kuo, C.C.Y. Copper tape transfer for high power applications 19251
Kuo, C.C.Y. Thick film alloy resistor system for surge protection. IV 25054
Kuo, C.J. On the feedback holographic associative memory 12445
Kuo, C.J. Novel image encryption technique and its application in progressive transmission 21977
Kuo, C.J. Joint-transform correlator improved by means of the frequency-selective technique 45138
Kuo, H.-C. *see* Hsu, Y.-Y. 7837
Kuo, H.C. *see* Gurary, A.I. 9540
Kuo, H.C. *see* Lu, Y. 27529
Kuo, J. *see* Wright, S.L. 19871
Kuo, J.-L. *see* Liu, C.-T. 47897
Kuo, J.-M. *see* Principe, J.C. 36674
Kuo, J.B., Chen, C.S. Analytical drain current model for a-Si:H TFTs by simultaneously considering localised deep and tail states 2513
Kuo, J.B., Chen, S.S. Saturation region model for a-Si-H TFTs using a quasi-two-dimensional approach 2534
Kuo, J.B., Chen, S.S. Amorphous silicon TFT capacitance model using an effective temperature approach 19825
Kuo, J.B., Huang, H.J., Chen, S.S., Chiang, C.S. A BiCMOS dynamic defuzzify circuit for VLSI implementation of large-scale fuzzy logic controllers 18791
Kuo, J.B., Huang, H.J., Lu, T.C. Closed-form physical model for VLSI bipolar devices considering energy transport 35062
Kuo, J.B., Liao, H.J. A high-speed BiCMOS tristate buffer 10108
Kuo, J.B., Liao, H.J., Chen, H.P. A BiCMOS dynamic full adder circuit for VLSI implementation of high-speed parallel multipliers using Wallace tree reduction architecture 10141
Kuo, J.B., Lu, T.C., Ma, S.Y. Two-dimensional DC and transient analysis of a SiGe-base heterojunction bipolar device in an ECL buffer circuit 19984
Kuo, J.B., Mao-Chuan Tang, Jai-Hoon Sim An analytical back gate bias dependent threshold voltage model for SiGe-channel ultrathin SOI PMOS devices 34955
Kuo, J.B., Sim, J.H. Subthreshold characteristics of a SiGe-channel PMOS device operating at 77 K 19848
Kuo, J.B., Sim, J.H. Accumulation-type vs. inversion-type of an ultra-thin SIO PMOS device operating at 300 K and 77 K: subthreshold behavior and pull-up switching performance of a CMOS inverter 19994
Kuo, J.B., Su, K.W., Lou, J.H. 1.5V BiCMOS dynamic multiplier using Wallace tree reduction architecture 10096
Kuo, J.B., Tang, M.C., Sim, J.H. Modeling the effect of back gate bias on the subthreshold behavior of a SiGe-channel SOI PMOS device 11213
Kuo, J.B., Wang, J.Y., Chen, Y.G. Low-voltage BiCMOS dynamic minimum circuit using a parallel comparison algorithm for fuzzy controllers 26781
Kuo, J.B. *see* Lu, T.C. 43133
Kuo, J.B. *see* Shyh-Yih Ma 42917
Kuo, J.B. *see* Sim, J.H. 28139
Kuo, J.B. *see* Sim, J.H. 28201
Kuo, J.L. *see* Liu, C.T. 32881
Kuo, J.M., Chen, Y.K. Novel GaAs heterojunction bipolar transistors using $In_{0.5}Al_{0.5}P$ as emitter 42875
Kuo, J.M. *see* Bandara, K.M.S.V. 15014
Kuo, J.M. *see* Fitzgerald, E.A. 26440
Kuo, J.M. *see* Lothian, J.R. 10898
Kuo, J.M. *see* Pearton, S.J. 2043
Kuo, L.C. *see* Rung-Ywan Tsai 18268
Kuo, L.H., Salamanca-Riba, L., Depuydt, J.M., Cheng, H., Qiu, J. Dislocation nucleation mechanism and doping effect in p-type ZnSe/GaAs 42486
Kuo, M.H. *see* Chao, H.E. 25175
Kuo, S.-Y. YOR: a yield-optimizing routing algorithm by minimizing critical areas and vias 19960
Kuo, S.M., Chuang, H., Mallela, P.P. Integrated automotive signal processing and audio system 5806
Kuo, S.M., Jier Chen Multipath acoustic echo canceller with new PAP structure and TW-LMS algorithm 4586
Kuo, S.M., Zhibing Pan Distributed acoustic echo cancellation system with double-talk detector 22687
Kuo, S.P. Generation of ELF and VLF waves by a thermal instability excited in the HF heater-modulated polar electrojet 21249
Kuo, S.P., Ren, A., Huang, J. Generation of a frequency chirped pulse using phase velocity transitions in a rapidly created plasma 44375
Kuo, T. *see* Johnson, D. 15441
Kuo, W.-C. *see* Laih, C.-S. 44735
Kuo, Y., Libsch, F.R., Ghosh, A. Electrical and optical stress of self-aligned 2-photomask thin film transistors 28177
Kuo, Y., Schortt, A.G. Reactive ion etch processes for amorphous silicon thin film transistors. A $SiCl_4$ based chemistry 34765
Kuo, Y., Schrott, A.G. Reactive ion etching of thin film transistor materials with chlorofluorocarbon-free gases 27767
Kuo, Y. *(editor)* Proceedings of the First Symposium on Thin Film Transistor Technologies 26091
Kuo, Y.K. *see* Chen, W. 20949
Kuo, Y.S. *see* Su, S.J. 2612
Kuo Ching-Chih *see* Ching-Chih Kuo
Kuo Chung-Ming *see* Chung-Ming Kuo
Kuo Fang-Jang *see* Fang-Jang Kuo
Kuo Feng-Yang *see* Feng-Yang Kuo
Kuo Han-Ching *see* Han-Ching Kuo
Kuo Jyh-Ming *see* Jyh-Ming Kuo
Kuo Lee-Chin *see* Lee-Chin Kuo
Kuo Shyh-Shiaw *see* Shyh-Shiaw Kuo
Kuo Wang-Chuang *see* Wang-Chuang Kuo
Kuo Way *see* Way Kuo
Kuo Wen-Kai *see* Wen-Kai Kuo
Kuo Weng Ping *see* Ping Kuo Weng
Kuo Yau-Hwang *see* Yau-Hwang Kuo
Kuo Yue *see* Yue Kuo
Kuo Zhou *see* Zhou Kuo
Kuo-Chang Fu *see* Jong-Jy Shyu 27089
Kuo-Chiang Chuang *see* Chaur-Heh Hsieh 22041
Kuo-Chiang Hsu, Bor-Yir Chen, Huey-Tzy Hsu, Kun-Chih Wang, Tri-Rung Yew, Huey-Liang Hwang Thin film transistors made from hydrogenated microcrystalline silicon 42928
Kuo-Chin Fan, Chin-Chuan Han Parallel mechanism for detecting contours in binary images 30133
Kuo-Chu Chang, Mori, S., Chee-Yee Chong Performance evaluation of track initiation in dense target environments 38138
Kuo-Chu Chang, Mori, S., Chee-Yee Chong Evaluating a multiple-hypothesis multitarget tracking algorithm 44869
Kuo-Feng Liao *see* Sarrafzadeh, M. 26621

Kuo-Hua Wang, Ting-Ting Hwang, Cheng Chen Overlapped decompositions for communication complexity driven multilevel logic synthesis 18639
Kuo-Hua Wei *see* Sheng-Wen Shih 30038
Kuo-Peng, P., Cheron, Y., Piquet, H. A complete modelling of the series-resonant converter in ZCS mode 17063
Kuo-Shen Chen *see* Maw-Kae Hor 5002
Kuo-Shung Liu *see* Hsiu-Fung Cheng 18285
Kuo-Shung Liu *see* Jang-Cheng Ho 33683
Kuo-Wei Liu, Anwar, A.F.M. A self-consistent calculation of the small signal parameters for AlGaAs/GaAs and AlGaAs/InGaAs/GaAs HEMTs 19905
Kuochen Wang, Wang-Dauh Tseng Design for diagnosability and diagnostic strategies of WSI array architectures 41739
Kuohsu Wang *see* Jianmin Qiao 43351
Kuosmanen, P., Koskinen, L., Astola, J. An adaptive morphological filtering method 21760
Kupcak, D. *see* Schejbal, V. 30865
Kuper, F. *see* Luchies, J.M. 2520
Kuper, G. *see* Buse, K. 12420
Kuperman, W.A. *see* Baggeroer, A.B. 44879
Kuperman, W.A. *see* Collins, M.D. 24507
Kupershmidt, H., Ron, A. Ion-ripple wiggler for short wavelength lasers 3691
Kupersztych, J. Laser-driven free-electron laser via the relativistic aberration of light rays 28889
Kupfer, K. Data processing of measured values by microwave moisture measurements 6861
Kupfer, M., Florsheimer, M., Bosshard, Ch., Gunter, P. Phase-matched second-harmonic generation in $\chi^{(2)}$-inverted Langmuir-Blodgett waveguide structures 12351
Kupfer, T. *see* Herzberger, A. 37250
Kuphal, E. *see* Eisenbach, A. 26434
Kuphal, E. *see* Zengerle, R. 35451
Kupiszewski, J.A. *see* George, A.D. 44916
Kupitz, E., Tacken, J. DECOR—tightly integrated design control and observation 26616
Kupitz, J. *see* Cleveland, J. 47665
Kupka, R.K. *see* Chen, Y. 28031
Kuppens, S.J.M., van Kampen, H., van Exter, M.P., Woerdman, J.P. Measurement of the spontaneous emission factor of a 3.39 μm HeNe laser 43742
Kuppurajula, A. *see* Kumar, D.V. 7746
Kuppusamy, K. *see* Mohan, M.R. 7813
Kuppuswamy, T.S. Guidelines for electrostatic discharge protection 35120
Kupras, A. *see* Zielinski, J.S. 7856
Kuprianov, N.L. *see* Azyazov, V.N. 35662
Kupriyanov, A.P. *see* Zubenko, V.I. 8524
Kupriyanov, A.S. *see* Belchenko, Yu.I. 38825
Kupriyanov, E.V. *see* Beneking, G. 41433
Kupriyanova, T.A. *see* Gromova, T.I. 27524
Kuptsov, M.A. *see* Vasil'ev, A.V. 7195
Kuptsova, G.Z. *see* Arkhipova, T.A. 6559
Kurachi, I., Fukuda, Y. Improvement of "soft breakdown" leakage of off-state nMOSFETs induced by HBM ESD events using drain engineering for LDD structure 35011
Kurada, S., Rankin, G.W., Sridhar, K. Flow visualization using photochromic dyes: a review 44184
Kuragaki, T., Hattori, R., Yajima, K., Sato, K., Takano, H., Otsubo, M., Mitsui, S. The study on the Pt barrier effect in Al/Pt/Ti/n-GaAs 19425
Kurahashi, K. *see* Yamada, A. 31840
Kurakado, M., Takahashi, T., Matsumura, A. High resolution detection of X-rays with a Nb-based STJ detector 24050
Kurakake, H. *see* Higashi, T. 12183
Kurakami, H. DC plasma panels emphasize display quality, enable cost-effective production 46563
Kurakin, A.S., Chernigin, A.S. Reactive scattering resistance of two-winding gear-type electric motors 16864
Kuramata, K. *see* Nakajima, K. 9505
Kuramochi, A. *see* Ida, S. 33343
Kuramoto, K. *see* Hattori, S. 5287
Kuramoto, S. *see* Sato, M. 15160
Kuramoto, Y. *see* Inoshita, T. 19373
Kurano, M., Miyauchi, M., Shirakata, M., Saito, S., Washino, F., Kanbe, Y., Tanaka, T. Y5V multilayer ceramic chip capacitors of large-capacitance 19169
Kurashima, T. *see* Shimizu, K. 35417
Kurata, H., Sakaki, H. Electron transport via resonantly coupled energy levels in triple barrier structure investigated by magnetotunneling spectroscopy 42859
Kurata, N. *see* Ohya, J. 3568
Kurata, S. Digital control AC servo system 16784
Kurata, S., Kido, Y. Inverter for system integration, THYFREC-VT400U 17042
Kurata, T. *see* Ando, A. 38832
Kurata, T. *see* Kondo, T. 14349
Kurata, T. *see* Kurihara, M. 48059
Kurata, Y., Fujii, T., Hattori, M., Suzuki, T., Saito, Y., Matsuba, K. Multipurpose, high-performance fully continuous tandem cold mill 17635
Kuratomi, Y., Takimoto, A., Akiyama, K., Ogawa, H. Optical neural network using vector-feature extraction 3251
Kuratomi, Y., Takimoto, A., Akiyama, K., Ogawa, H. An optical neural network using a feature-extracting optical neuron device 11778
Kurayev, A.A. Coaxial gyroklystron with radial electrostatic field in drift tube 10617
Kurayev, A.A., Matveyenko, V.V., Sinitsyn, A.K. Traveling-wave peniotron 42368
Kurazono, S. *see* Horii, Y. 27195
Kurazono, S. *see* Horii, Y. 27196
Kurazono, S. *see* Kitamura, T. 19140
Kurbakov, A.I., Sobolev, N.A. Gamma-ray diffraction in the study of silicon 27466
Kurbakov, V.I. *see* Kotov, I.V. 7212
Kurbakov, V.I. *see* Vasil'ev, A.V. 7195
Kurbanova, U.Kh. *see* Bakhadyrkhanov, M.K. 34497
Kurbasov, S.V. *see* Efimovskii, S.V. 28732
Kurbasov, S.V. *see* Efimovskii, S.V. 28740
Kurbasov, S.V. *see* Efimovskii, S.V. 28741
Kurbatov, A.L., Prokof'ev, E.V., Romanov, O.G. Infrared photodetectors based on doped germanium 23648
Kurbel, R. *see* Lambrecht, A. 9640
Kurchaninov, L. *see* Bosio, C. 15618
Kurchaninov, L.L. *see* Gorodnichev, V.B. 46954
Kurdahi, F.J., Gajski, D.D., Ramachandran, C., Chaiyakul, V. Linking register-transfer and physical levels of design 19965
Kurdahi, F.J. *see* Hagen, L. 26894
Kurdahi, F.J. *see* Jha, P.K. 41783
Kurdahi, F.J. *see* Ramachandran, C. 26870
Kurdahi, F.J. *see* Rao, D.S. 9903
Kurdahi, F.J. *see* Sreenivasa Rao, D. 33837
Kurdak, C., Tsui, D.C., Parihar, S., Santos, M.B., Manoharan, H.C., Lyon, S.A., Shayegan, M. Surface resonant tunneling transistor: a new negative transconductance device 28198
Kurdi, B.N. *see* Risk, W.P. 11673
Kurdoghlian, A. *see* Lam, W. 19120
Kure, J. HVDC submarine links for transmission of electrical energy 39606
Kure, O., Sorteberg, I. XTP over ATM 14106
Kure, T. *see* Kawahara, T. 26925
Kure, T. *see* Kitsukawa, G. 26921
Kure, T. *see* Kitsukawa, G. 26953
Kure, T. *see* Wada, Y. 42480
Kure, T. *see* Wada, Y. 43666
Kurebayashi, M., Tokushuku, N., Miyamoto, M., Noro, Y., Koizumi, T. High density write-once optical disk for high definition television 14792
Kurematsu, A. *see* Sagayama, S. 14081
Kurennoi, S.S. Interaction of a beam with the accelerator vacuum chamber. Methods for calculating coupling impedance 15425
Kurennoy, S.S. Coupling impedance of pumping holes 6950
Kurennoy, S.S. Beam interaction with pumping holes in vacuum-chamber walls 7072
Kurennoy, S.S. *see* Stupakov, G.V. 44508
Kuretski, J.J. *see* Price, J.V. 8185
Kurfess, J.D. *see* Johnson, W.N. 7147
Kurfess, T.R. *see* Vasseur, H. 26214
Kurganevich, A.V. *see* Zhumik, V.V. 9918
Kurianovich, E.P. *see* Dubrovskaya, T.S. 15081
Kurianski, J. *see* Bergmann, R. 681
Kurianski, J. *see* Bergmann, R. 18191
Kurianski, J. *see* Zheng, G.F. 40494
Kuribara, M., Nemoto, K. Development of new UV-I.I. Cerenkov viewing device 46940
Kuribara, M. *see* Isawa, K. 23016
Kuribayashi, I. Needs for small batteries spur progress in lithium-ion models 8745
Kuribayashi, K., Okimura, K., Taniguchi, T. A discrimination system using neural network for EMG-controlled prostheses 7477
Kuribayashi, K., Takahashi, M., Taniguchi, T. An upper extremity prosthesis using SMA actuator 7476
Kuribayashi, M., Yamada, M., Mitsuhashi, T., Goto, N. A hierarchical global router for macro-block-embedded sea-of-gates 18614
Kuribayashi, S., Shiraishi, S. Advanced signalling protocol for broadband ISDN services 22664
Kuribayashi, T. *see* Kanemitsuya, K. 25903
Kuribayashi, T. *see* Sato, K. 27368
Kurihara, A. *see* Hisanaga, K. 14346
Kurihara, A. *see* Nishimura, Y. 14343
Kurihara, K., Wakui, G., Kubota, T. Analysis of pulsating torque for permanent-magnet synchronous motors at synchronous speed 25408
Kurihara, K. *see* Kajita, M. 43683
Kurihara, K. *see* Kinoshita, H. 27833
Kurihara, K. *see* Kosaka, H. 43686
Kurihara, K. *see* Numai, T. 12193
Kurihara, K. *see* Yatsui, K. 20952
Kurihara, M. On the construction and decoding of hyperelliptic codes 4448
Kurihara, M. Ideal class groups of cyclotomic fields and modular forms of level 1 18034
Kurihara, M., Kurata, T., Miura, T., Kishi, T. CrO_3-graphite intercalation compound cathodes with various stage numbers in a lithium secondary cell 48059
Kurihara, M. *see* Kawaguchi, T. 25212
Kurihara, N., Kaneko, A., Tanaka, M. Microstrip array antenna for PRESTAR 46124
Kurihara, N. *see* Mori, K. 23337
Kurihara, N. *see* Takahashi, Y. 30943
Kurihara, N. *see* Takahashi, Y. 46121
Kurihara, S. Multimedia application services 45657
Kurihara, Y., Saitoh, R. Bonding mechanism between Sn-Sb solder and evaporated multilayers 17834
Kurii, T. *see* Yamashita, B.T. 15950
Kuriki, M., Arai, H., Uehira, K., Sakai, S. Eye-contact technique using a blazed half-transparent mirror (BHM) [videophone applications] 45477
Kuriki, S., Suzuki, D. An AC bias readout scheme for high T_c DC-superconducting quantum interference devices 2884
Kurilko, V.I. *see* Bulyak, E.V. 46798
Kurilko, V.I. *see* Ivanov, G.M. 23959
Kurimo, M., Torkkola, K. Training continuous density hidden Markov models in association with self-organizing maps and LVQ 4494
Kurimoto, H. *see* Yoshio, M. 48048
Kurin, V.G. *see* Shestopalov, V.P. 10395
Kurin, V.G. *see* Shestopalov, V.P. 14374
Kurinami, K. *see* Sugiyama, M. 4498
Kurinec, S.K. *see* Pang, C. 34686
Kurio, T. *see* Nakanishi, S. 9194
Kurisaki, N. *see* Kanazawa, K. 6242
Kurisaki, Y. Globalization or regionalization? An observation of current PTO activities 22392
Kurishima, K., Kobayashi, T., Matsuoka, Y. Influence of launching energy on collector transport in InP/InGaAs double-heterojunction bipolar transistors 28096
Kurishima, K., Nakajima, H., Yamahata, S., Kobayashi, T., Matsuoka, Y. High-performance Zn-doped-base InP/InGaAs double-heterojunction bipolar transistors grown by metalorganic vapor phase epitaxy 34926
Kurishima, K. *see* Nakajima, H. 1553
Kurita, A., Kushida, T., Izumitani, T., Matsukawa, M. Room-temperature persistent spectral hole burning in Sm^{2+}-doped fluoride glasses 36026
Kurita, H., Hasegawa, T., Kimura, K. Dielectric breakdown characteristics of clean oil 20036
Kurita, H. *see* Araki, S. 20495
Kurita, S. *see* Saito, J. 20418
Kurita, S. *see* Takahashi, N.S. 43655
Kurita, T. A study on applications of statistical methods to flexible information processing 45220
Kurita, T. Image analysis based on robust statistics 45243
Kurita, T., Iai, S., Kitawaki, N. Effects of interaction between speech delay and video delay on communication quality 14079
Kurita, T., Otsu, N. A method of block truncation coding for color image compression 13576
Kuritchin, A.A. *see* Fanourakis, G.K. 24011
Kuritsyn, S.A., Liferenko, V.D., Lukin, I.A. Models of an optical fiber transmission system line circuit 14611
Kuriya, C. *see* Nishida, K. 23830
Kuriyama, H., Nohda, T., Ishida, S., Kuwahara, T., Noguchi, S., Kiyama, S., Tsuda, S., Nakano, S. Lateral grain growth of poly-Si films with a specific orientation by an excimer laser annealing method 27467
Kuriyama, H. *see* Ukita, M. 26922
Kuriyama, H. *see* Ukita, M. 34049
Kuriyama, T. *see* Ito, N. 23740
Kuriyama, T. *see* Makishima, H. 19293
Kuriyama, T. *see* Saito, A. 23743
Kuriyama, Y., Asaka, M., Sugiyama, T., Iizuka, N., Obara, M. Over 40 Gbit/s ultrahigh-speed multiplexer IC implemented with high f_{max} AlGaAs/GaAs HBTs 45914
Kuriyama, Y. *see* Nozu, T. 11155
Kuriyama, Y. *see* Sugiyama, T. 42195
Kurjakovic, V. *see* Selvage, J. 46233
Kurkin, I.P. *see* Sidorov, V.P. 9032
Kurkjian, C.R. Concerning the mechanical character of lightguide surfaces 35364
Kurkjian, C.R., Inniss, D. Current issues in mechanical reliability of optical fibers 3060
Kurkjian, C.R. *see* Inniss, D. 2986
Kurkjian, C.R. *see* Matthewson, M.J. 2992
Kurkov, A.S. *see* Anoykin, E.V. 28474
Kurkov, A.S. *see* Belov, A.V. 3019
Kurkov, A.S. *see* Belov, A.V. 38002
Kurnaev, S.A. *see* Astvatsatur'yan, E.R. 2619
Kurner, T., Cichon, D.J., Wiesbeck, W. Concepts and results for 3D digital terrain-based wave propagation models: an overview 4103
Kurner, T. *see* Geng, N. 36186
Kurnit, N.A. *see* Bigio, I.J. 20634
Kurnit, N.A. *see* Harris, D.B. 3422
Kurnit, N.A. *see* Sullivan, J.A. 3426
Kurnosov, A.K. *see* Berdyshev, A.V. 43737
Kurnosov, A.K. *see* Konev, Yu.B. 43729
Kurnosov, V.D. *see* Zhuravleva, O.V. 43902
Kurobe, T. *see* Suzuki, H. 33349
Kurochkin, A.P. *see* Bulkin, V.M. 21193
Kurochkin, A.V. *see* Kotov, Yu.D. 31769
Kurochkin, V.V. *see* Kotov, N.V. 37003
Kuroda, H., Fujimura, M., Nataochi, Y., Ikehara, M. Variable bit rate video coding method 13492
Kuroda, H. *see* Ikehara, M. 27068
Kuroda, K. *see* Kouzumi, H. 900
Kuroda, K. *see* Shimura, T. 3586

Kuroda, M. *see* Sasaki, M. 38603
Kuroda, N., Sugou, S., Sasaki, T., Kitamura, M. Selective growth of InGaAs/InP layers by gas source molecular beam epitaxy with atomic hydrogen irradiation 18142
Kuroda, S. *see* Haga, T. 4798
Kuroda, S. *see* Harada, N. 10097
Kuroda, S. *see* Sasakawa, K. 22153
Kuroda, S. *see* Seki, A. 6261
Kuroda, T., Takada, M., Yamada, O. An error correction method of FM multiplex broadcasting for mobile reception 38226
Kuroda, T. *see* Ando, A. 38832
Kuroda, T. *see* Iwakuro, H. 19433
Kuroda, T. *see* Yamada, O. 6173
Kuroda, Y., Nagatomo, M., Collins, P. Japanese perspective on power from space for Earth 32012
Kuroda, Y. *see* Dabbicco, M. 20854
Kuroda, Y. *see* Kawagoe, E. 32980
Kuroda, Y. *see* Ohno, S. 35590
Kuroda, Y. *see* Stevens, C.J. 42514
Kuroda, Y. *see* Tamura, T. 24296
Kuroe, S. *see* Iwase, Y. 48105
Kuroe, Y. Power electronics system simulation technology 41651
Kuroi, T., Kawasaki, Y., Ishigaki, Y., Kinoshita, Y., Inuishi, M., Tsukamoto, K., Tsubouchi, N. Bipolar transistor with a buried layer formed by high-energy ion implantation for subhalf-micron bipolar-complementary metal oxide semiconductor LSIs 42864
Kuroishi, M. *see* Aizawa, M. 17378
Kuroiwa, S. *see* Takeda, K. 5654
Kuroiwa, T. *see* Matsuguchi, M. 46365
Kurokawa, K. Evaluation and measurement technology of photovoltaic systems 8238
Kurokawa, K. Display devices and technical innovations 15129
Kurokawa, K. Graceful growth of technology 17981
Kurokawa, K. The technical problems of photovoltaic systems at the stage of their introduction and diffusion 25280
Kurokawa, K. A calibration method for the energy-integrating function in photovoltaic system monitoring 25281
Kurokawa, K., Sugawa, T., Kubota, H. Soliton interaction in the transmission of femtosecond solitons 28763
Kurokawa, K. *see* Tsuda, I. 25275
Kurokawa, N., Ueki, M., Aoki, M. Study of drill bit wear mechanism during drilling of printed wiring boards 34378
Kurokawa, T., Kozuka, S. A proposal of neural networks for the optimum frequency assignment problem 14538
Kurokawa, T. *see* Fukushima, S. 11606
Kurokawa, T. *see* Hirabayashi, K. 11812
Kurokawa, T. *see* Hirabayashi, K. 45947
Kurokawa, T. *see* Nonaka, K. 37657
Kurokawa, T. *see* Tsuda, H. 12217
Kurokawa, T. *see* Uenohara, H. 43863
Kurokawa, T. *see* Yamaguchi, M. 37682
Kurokawa, T. *see* Yamaguchi, M. 45722
Kuroki, H., Kawabe, T., Kitajima, M. Real-time ellipsometric observation of refractive index change under ultra thin oxide film growth 10948
Kuroki, H., Nakamura, K.G., Kawabe, T., Kitajima, M. Silicon wafer orientation dependence in the initial plasma oxidation processes 19567
Kuroki, K. *see* Takeuchi, K. 46425
Kuromori, K. An electromagnetic flowmeter with plural pairs of electrodes 31183
Kurosaka, T. *see* Yamamura, T. 25356
Kurosaki, M. *see* Watanabe, R. 7562
Kurosaki, T. *see* Fukuda, M. 5889
Kurosaki, T. *see* Fukuda, M. 28872
Kurosaki, T. *see* Suzuki, Y. 35773
Kurosarva, K. *see* Park, C. 37754
Kurosawa, A. *see* Sano, N. 25126
Kurosawa, K., Okada, K., Sakano, K., Ogata, W., Tsujii, S. Nonperfect secret sharing schemes and matroids 29487
Kurosawa, K., Yoshida, S., Mori, E., Takahashi, G., Saito, S. Development of an optical instrument transformer for DC voltage measurement 32503
Kurosawa, K. *see* Ogata, W. 21557
Kurosawa, K. *see* Ogata, W. 36577
Kurosawa, K. *see* Park, C. 29495
Kurosawa, K. *see* Saito, T. 12883
Kurosawa, K. *see* Satoh, T. 12815
Kurosawa, M., Uchiki, T., Hanada, H., Nakamura, K., Ueha, S. Simulation and experimental study on elastic fin ultrasonic motor 16903
Kurosawa, N. *see* Ohtsuka, T. 19954
Kurosawa, R. *see* Ben-Brahim, L. 16833
Kurosawa, T. *see* Miki, Y. 15184
Kurosawa, Y., Sawano, H., Miyamoto, M., Sato, N. Development of ribbon loose tube cable for optical subscriber loop 14316
Kurosawa, Y. *see* Hori, M. 39646
Kurosawa, Y. *see* Sato, T. 40375
Kurosawa, Y. *see* Ueda, T. 32487
Kurose, J. *see* Yates, D. 30164
Kurose, J.F. *see* Aras, C.M. 37076
Kuroshima, S. *see* Tanigaki, K. 9528
Kurosu, K. *see* Okamura, T. 25825
Kurosu, T. *see* Ikegami, T. 6298
Kurosu, T. *see* Iwasaki, T. 42555
Kurosu, T. *see* Kiyota, H. 1875
Kurosu, T. *see* Okano, K. 42651
Kurotaki, H. *see* Nagata, T. 43680
Kurova, I.A., Lupacheva, A.N., Meleshko, N.V., Ormont, N.N., Avakyants, L.P. Electrical properties of a-Si:H(B) films subjected to intense light pulses 42441
Kurova, I.A. *see* Zvyagin, I.P. 35565
Kurowski, W. Influence of a measurement time window on the FFT frequency spectrum 21843
Kuroyanagi, H. *see* Nakashima, K. 23825
Kuroyanagi, N. Ultra-compact TV transmitter uses microwaves, boasts portable design 38267
Kuroyanagi, S., Nishi, T., Maeda, T. Two-stage matrix wavelength-division photonic switching network 5681
Kuroyanagi, S. *see* Murakami, K. 45725
Kuroyanagi, S. *see* Nishi, T. 22740
Kuroyedov, Yu.D. *see* Kolyadin, N.M. 25853
Kurozumi, Y. Minimax curve approximation for points by characteristic method 33526
Kurpanek, G., Chan, K., Zheng, J., DeLano, E., Bryg, W. PA7200: a PA-RISC processor with integrated high performance MP bus interface 41918
Kurpiers, A.F., Danesfahani, G.R., Jeans, T.G. Simulation of a spread spectrum modem by SPW 5746
Kurps, R. *see* Kruger, D. 19504
Kurps, R. *see* Zeindl, H.P. 19546
Kurschner, H.-G. *see* Roth, R.W. 15519
Kurshan, D. *see* Sudarshan Rao 37787
Kurshan, R.P., Lamport, L. Verification of a multiplier: 64 bits and beyond 41813
Kurt, F. *see* Engeli, F. 37691
Kurtenbach, A. *see* Eberl, K. 41341
Kurths, J. *see* Voss, A. 15855
Kurtz, A.D. *see* Shor, J.S. 10747
Kurtz, A.D. *see* Shor, J.S. 34848
Kurtz, A.D. *see* Shor, J.S. 42677
Kurtz, S.R., Biefeld, R.M., Dawson, L.R., Baucom, K.C., Howard, A.J. Midwave (4 μm) infrared lasers and light-emitting diodes with biaxially compressed InAsSb active regions 35766
Kurtz, S.R., Olson, J.M., Arent, D.J., Kibbler, A.E., Bertness, K.A. Competing kinetic and thermodynamic processes in the growth and ordering of $Ga_{0.5}In_{0.5}P$ 9739
Kurtz, S.R. *see* Barbour, J.C. 10967
Kurtz, S.R. *see* Biefeld, R.M. 9524
Kurtz, S.R. *see* Biefeld, R.M. 41262
Kurtzke, C. Suppression of fiber nonlinearities by appropriate dispersion management 35332
Kurtzke, C., Gnauck, A. Operating principle of in-line amplified dispersion-supported transmission 14595
Kurtzke, C., Gnauck, A. How to increase capacity beyond 200 Tbit/s.km without solitons 38124
Kurtzke, C. *see* Splett, A. 30849
Kuruganty, S. Integration of HVDC links in the overall power system adequacy assessment 47362
Kuruganty, S. Effect of HVDC component enhancement on the overall system reliability performance 47461
Kuruma, S., Naruo, M., Mima, K., Nakai, S., Yamanaka, C. Numerical analysis of radiation build-up in FEL oscillator 43998
Kurumada, A., Sato, S., Sakai, N., Iwai, M., Takahashi, M., Yamashita, N. Observation of current contraction on metallic-graphite brushes and evaluation of their critical current densities by thermal shock tests 8259
Kurup, R.R. *see* Mahabala, H.N. 16454
Kurushin, Ye.A. *see* Abil'siitov, G.A. 11961
Kurusu, C. *see* Ippommatsu, M. 17267
Kurusu, C. *see* Kajimura, A. 17349
Kuryachii, A.P. Simulation of a system of combined heat shield of the radiation-evaporation type 47166
Kuryatov, V.N. *see* Indisov, V.O. 28925
Kuryatov, V.N. *see* Indisov, V.O. 35941
Kurz, H., Esser, A., Heesel, H., Lucovsky, G., Wang, C., Parsons, G. Optical detection of photoconductivity in hydrogenated amorphous silicon, a-Si:H, in the subpicosecond time domain 43614
Kurz, H. *see* Barth, R. 28401
Kurz, H. *see* Emmerichs, U. 21015
Kurz, H. *see* Gondermann, J. 42141
Kurz, H. *see* Kohl, A. 9643
Kurz, H. *see* Lucovsky, G. 27601
Kurz, H. *see* Stephens, D.J. 21016
Kurz, H. *see* von Kamienski, E.S. 1383
Kurz, H. *see* Waschke, C. 44119
Kurz, H. *see* Yasuda, T. 34618
Kurz, L. *see* Benteftifa, M.H. 4819
Kurz, L. *see* In-Kwan Hwang 22977
Kurz, M., Hulsmann, P., Glock, H.-W., Klein, H. Transversal loss factor of an RF-focussing iris structure with rectangular holes 7073
Kurz, M. *see* Balewski, K. 46775
Kurz, M. *see* Hulsmann, P. 15517
Kurz, P., Paschotta, R., Fiedler, K., Mlynek, J. Bright squeezed light by second-harmonic generation in a monolithic resonator 12322
Kurz, P. *see* Fiedler, K. 12379
Kurzfeld, A. European collaboration and funding sources 26136
Kurzhos, V.I., Gostev, V.V. Multilevel digital control of asynchronous servomotors 8357
Kurzhos, V.I. *see* Gostev, V.V. 8365
Kurzynowski, P. Polarization splitting coupler with metal intermediate layer. Theoretical analysis 4225
Kus, J., Vanzura, M. Starts of asynchronous motors 8363
Kusaba, R., Miyashita, H., Watanabe, T. An automated approach to generating leaf cells for a macro cell configuration 2662
Kusagaya, T., Kira, H., Tsunoi, K. Flip chip mounting using stud bumps and adhesives for encapsulation 1764
Kusaka, H. The role of vision and color image processing 45240
Kusaka, H., Nakai, T., Kimura, M., Niino, T. Rejection of narrow-band interference in a delay-lock loop using prediction error filters 5724
Kusaka, H. *see* Wakabayashi, H. 29391
Kusaka, T., Senba, N., Nishizawa, A., Takahashi, N., Shimoto, T., Koike, T. A silicon-on-silicon RISC module 26966
Kusakabe, C., Tomikawa, Y., Takano, T., Aoyagi, M. Characteristics of ultrasonic motor driven by pulse train in trapezoid form 25471
Kusakabe, C. *see* Xiaoduo Chen 25472
Kusakabe, H. *see* Hattori, K. 27910
Kusama, K. *see* Wu, X. 23147
Kusama, T. *see* Ogawa, T. 905
Kusamran, S., Yupapin, P.V.P. A robotic grip stress fibre optic sensor 23682
Kusamran, S. *see* Yupapin, P.V.P. 910
Kusanagi, T. *see* Nakashima, K. 23825
Kusano, K. *see* Yamada, H. 43142
Kusayanagi, A. *see* Tamura, A. 45651
Kusch, A. *see* Kroger, P. 27084
Kushawaha, V., Major, L. Pulsed laser performance at 1.06 μm from Nd:SGGM 35738
Kushibiki, J., Wakahara, T., Kobayashi, T., Chubachi, N. A calibration method of the LFB acoustic microscope system using isotropic standard specimens 16028
Kushibiki, J. *see* Kobayashi, T. 16032
Kushibiki, J. *see* Sannomiya, T. 16030
Kushida, T. *see* Kurita, A. 36026
Kushihashi, Y., Miwa, Y. Development of the tip luminescent capillary microelectrode for intercellular light stimulus 15688
Kushilevitz, E. *see* Bar-Yehuda, R. 45267
Kushiro, N. *see* Koizumi, N. 8979
Kushnarev, A.F. *see* Mukhachev, S.V. 8095
Kushner, H.J., Martins, L.F. Heavy traffic analysis of a data transmission system with many independent sources 5186
Kushner, M.J. *see* Choi, S.J. 42608
Kushner, M.J. *see* Hebner, G.A. 11937
Kushner, M.J. *see* Shon, J.W. 35677
Kushner, M.J. *see* Ventzek, P.L.G. 42674
Kushner, M.L. *see* Male, H. 39187
Kushnir, A.O. Asymptotic behavior of a renewal process thinned by an alternating process 471
Kushnirenko, A.E. *see* Cianfarani, C. 31731
Kusian, W., Pfleiderer, H. Uniform-field model of a-Si:H pin solar cells 40483
Kusian, W. *see* Ostendorf, H.-C. 28090
Kuske, B. *see* Burkmann, K. 15463
Kuske, P. Transverse impedance of BESSY 7051
Kuske, P. *see* Burkmann, K. 15463
Kusky, T.M., Lowman, P.D., Jr., Masuoka, P., Blodget, H.W. Analysis of Seasat L-band radar imagery of the West Bay-Indin Lake fault system, Northwest Territories 47235
Kusmierek, Z. The error of rectifier meters during the measurement of current voltage 6715
Kusmierek, Z. The measurement of active power at small value of power factor 6720
Kusse, B.R. *see* Struckman, C.K. 7115
Kussul, A.M. *see* Smol'nikov, A.P. 33333
Kusters *see* Shi Changxin 31213
Kusters, A.M., Kohl, A., Sommer, V., Muller, R., Heime, K. Optimized double heterojunction pseudomorphic $InP/In_xGa_{1-x}As/InP$ $(0.64 \leqslant x \leqslant 0.82)$p-MODFETs and the role of strain in their design 35021
Kusters, A.Meskida *see* Meskida Kusters, A.
Kusters, J.A., Johnson, J.L. A new cesium beam frequency standard performance data 23394
Kustom, R.L. *see* Bridges, J.F. 15499
Kustom, R.L. *see* Song, J.J. 15320
Kustom, R.L. *see* Song, J.J. 15438
Kustov, A. *see* Agafonov, A. 46721
Kustov, A.V., Uspensky, M.V., Sofko, G.J., Koehler, J.A., Mu, J. Aspect angle dependence of the radar aurora Doppler velocity 39385
Kustov, V.P. *see* Kirichenko, A.M. 8093
Kusuda, T. *see* Sakai, T. 6712
Kusuda, Y. *see* Ohno, S. 35590
Kusui, S. *see* Sakumoto, Y. 38593
Kusui, S. *see* Takahashi, K. 23771
Kusuki, T. *see* Sakaue, H. 18275
Kusumi, R. *see* Hayashi, T. 6564
Kusumi, S. *see* Shizuno, H. 10528
Kusumi, Y. *see* Nishikawa, K. 27693
Kusumoto, K., Matsuzawa, A., Murata, K. A 10-b 20-MHz 30-mW pipelined interpolating CMOS ADC 42002

Kusumoto, K., Matsuzawa, A., Murata, K., Oka, K., Konishi, H. Ultra-low-power video-use 10-bit CMOS ADC 38252
Kusumoto, K., Murata, K., Matsuzawa, A., Tada, S., Maruyama, M., Oka, K., Konishi, H. A 10 b 20 MHz 30 mW pipelined interpolating CMOS ADC 27020
Kusumoto, S. *see* Koga, K. 27895
Kusumoto, T. *see* Tokailin, H. 35596
Kusumoto, Y. *see* Sumi, S. 11478
Kusunoki, A. *see* Okumura, K. 17354
Kusunoki, A. *see* Takeuchi, S. 16741
Kusunoki, A. *see* Tanaka, M. 20506
Kusunoki, K. *see* Furuya, S. 16717
Kusunoki, M., Minowa, T., Honshima, M. High energy product of Nd-Fe-B magnet sintered with rare earth intermetallic compounds 43250
Kusunoki, T., Suzuki, M., Sasaki, S., Yaguchi, T., Aida, T. Fluctuation-free electron emission from non-formed metal-insulator-metal (MIM) cathodes fabricated by low current anodic oxidation 10607
Kusunoki, T., Uematsu, H., Kobayashi, H., Kyouya, M., Ochiai, M. Simulation on the dynamic characteristics of a reactor on ship 25172
Kusunoki, T. *see* Nakajima, K. 9505
Kusunose, H. *see* Aoyama, S. 2360
Kusunose, N. *see* Iwata, T. 17284
Kusuyama, K., Nakajima, Y., Murakami, Y. Lateral-solid phase epitaxial growth of single-crystal Al(110) films over striped SiO_2 patterns 657
Kuszelewicz, R. *see* Oudar, J.L. 20947
Kuszelewicz, R. *see* Raffle, Y. 18165
Kuszelewicz, R. *see* Rivera, T. 35963
Kuta, J.J., Van Driel, H.M., Landheer, D., Adams, J.A. Polarization and wavelength dependence of metal-semiconductor-metal photodetector response 23620
Kutanov, A., Abdrisaev, B., Irsaliev, J. Local holograms recording on photothermoplastic materials: applications in optical information processing 12422
Kutanov, A. *see* Akaev, A. 11569
Kutanov, A.A. *see* Akaev, A.A. 28571
Kutas, A. *see* Kovyazina, T. 41251
Kutay, M.A., Karaman, M., Bozdagi, G. Enhancement of images corrupted with signal dependent noise: application to ultrasonic imaging 31862
Kuther, T. Film capacitors: the right type for every application 10527
Kuther, T. *see* Schwarze, U. 12623
Kutiyal, R.S. *see* Sinha, P.K. 48363
Kutiyal, R.S. *see* Sinha, P.K. 48367
Kutlimratov, A. *see* Akhmetov, F.A. 40475
Kutner, V.B. *see* Chugreev, V.A. 31612
Kutner, V.B. *see* Efremov, A.A. 15586
Kutner, V.B. *see* Efromov, A.A. 15577
Kutovoi, G.P. The peculiarities of using the Siberia-Kazakhstan-Urals-Central Russia transmission lines for direct transmission of power under new economic conditions 7744
Kutscher, T.A. *see* Gregg, A.R. 7781
Kutsenko, A.B. *see* Il'inskii, A.V. 42470
Kutsenko, A.N. *see* Anisimov, V.A. 18353
Kutsukake, M. *see* Shirai, G. 39548
Kutsuna, K., Nabeta, T., Wada, A. A novel approach to instrumentation and application for oil concentration ratio measurement in refrigeration system 38736
Kutsuwada, N., Shohdohji, T., Okada, N., Izawa, H., Sugai, T., Nakamura, Y., Murata, T. Measurement of electric charge of electrophotographic toner 15188
Kutsuwada, N. *see* Akitsu, H. 13477
Kutsuwada, N. *see* Chun-Wei Lin 14878
Kutsuzawa, Y. *see* Homma, T. 2729
Kutt, R.N. *see* Antipov, V.G. 41252
Kutten, S. *see* Blundo, C. 21539
Kutten, S. *see* Garay, J.A. 5156
Kuttruff, T.H. Auralization of impulse responses modeled on the basis of ray-tracing results 13207
Kutulakos, K.N., Seales, W.B., Dyer, C.R. Building global surface models by purposive and qualitative viewpoint adjustment 30047
Kutuza, B.G. *see* Danilychev, M.V. 12590
Kutvonen, L., Kutvonen, P. Broadening the user environment with implicit trading 37518
Kutvonen, P. *see* Kutvonen, L. 37518
Kutyurin, Yu.G. *see* Solokhin, N.V. 18387
Kuver, A.M. *see* Lyle, R.P. 35495
Kuvshinov, A.A. Compensation of leakage currents from a capacitive storage connected to a controlled rectifier bridge 40302
Kuvshinov, M.I. *see* Mukhachev, S.V. 8095
Kuwabara, H. *see* Nakanishi, Y. 3348
Kuwabara, K. Evaluation of search strategy in the multistage negotiation 5246
Kuwabara, K. *see* Nishibe, Y. 22447
Kuwabara, K. *see* Takehisa, K. 35707
Kuwabara, N. *see* Murakawa, K. 12633
Kuwabara, O. *see* Uchida, N. 27994
Kuwabara, S., Uchida, N., Tojo, T., Higashiki, T., Yoshino, H. An excimer laser stepper with through-the-lens alignment 11024
Kuwabara, T., Mitsunaga, Y., Koga, H. Calculation method of failure probabilities of optical fiber 11583
Kuwabara, T., Shiba, K., Mitsunaga, Y. Preventive maintenance against optical fiber cable degradation 6093
Kuwabara, T. *see* Ochiai, A. 14270
Kuwabata, S., Kishimoto, A., Tanaka, T., Yoneyama, H. Electrochemical synthesis of composite films of manganese dioxide and polypyrrole and their properties as an active material in lithium secondary batteries 18314
Kuwagaki, M. *see* Ugajin, M. 11295
Kuwahara, H. *see* Kinoshita, S. 30757
Kuwahara, H. *see* Watanabe, S. 35331
Kuwahara, K., Morimoto, H., Matsushita, K., Saito, T., Kono, H. MD1620B signalling tester 38601
Kuwahara, K. *see* Ohtsuka, H. 2354
Kuwahara, K. *see* Ohtsuka, H. 27851
Kuwahara, K. *see* Ohtsuka, H. 27936
Kuwahara, K. *see* Onodera, T. 34859
Kuwahara, M. *see* Murakami, K. 32929
Kuwahara, T. *see* Kuriyama, H. 27467
Kuwahara, Y., Ishita, T., Matsuzawa, Y., Kadowaki, Y. An X-band phased array antenna with a large elliptical aperture 21436
Kuwahara, Y., Oshida, N., Matsuzawa, Y., Kato, M. Study on snow attaching to the TACAN antenna 46077
Kuwahata, A. *see* Asano, H. 24729
Kuwaki, A. *see* Arai, A. 25003
Kuwaki, N. *see* Azuma, Y. 6005
Kuwaki, N. *see* Unami, Y. 6004
Kuwamura, M. *see* Nakamura, M. 18274
Kuwano, H. *see* Cho, W. 19319
Kuwano, H. *see* Hosaka, H. 27340
Kuwano, H. *see* Sagala, P. 2412
Kuwano, N., Nagatomo, Y., Kobayashi, K., Oki, K., Miyoshi, S., Yaguchi, H., Onabe, K., Shiraki, Y. Transmission electron microscope observation of cubic GaN grown by metalorganic vapor phase epitaxy with dimethylhydrazine on (001) GaAs 26444
Kuwano, Y. *see* Maruyama, E. 33052
Kuwano, Y. *see* Matsuyama, T. 9687
Kuwano, Y. *see* Matsuyama, T. 40462
Kuwano, Y. *see* Ninomiya, K. 8780
Kuwano, Y. *see* Takeuchi, K. 46425
Kuwashima, S. *see* Hagiwara, H. 38186
Kuwashima, S. *see* Yamawaki, K. 47209
Kuwata, T., Morita, N., Watanabe, T., Yoshida, Y. Study of the laser processing of the covalent bond-ceramics, 4. Analysis on the deep hole processing 33758
Kuwata, T. *see* Morita, N. 44180
Kuwata, Y. *see* Koyashiki, T. 17322
Kuwata, Y. *see* Nozaki, Y. 8652
Kux, A., Lugli, P., Ostermeir, R., Koch, F., Deboy, G. Infrared and visible emission from Si layers 28648
Kuzelev, M.V., Panin, V.A. The theory of transversely inhomogeneous heavy-current beam-plasma amplifier under conditions of collective Cerenkov effect 4141
Kuzelev, M.V., Rukhadze, A.A., Strelkov, P.S., Shkvarunets, A.G. Microwave plasma oscillators and amplifiers 34476
Kuzelev, M.V. *see* Krasil'nikov, M.A. 29195
Kuzemskaya, I.G., Timofeev, Y.A. High-pressure diamond anvil cell for measuring resistance at low temperatures 38643
Kuzhekov, S.L., Chmykhalov, G.N., Tsygulev, N.I., Zil'berman, V.A., Khaimov, G.M., Sheinkman, A.G. The impact of transients on transients on performance of differential protection of transformers 16922
Kuziej, G.P. *see* Gray, P.E. 26109
Kuzik, V.E. *see* Belov, A.S. 31627
Kuzik, V.E. *see* Dudnikov, V.G. 46819
Kuzin, E.A. *see* Belotitskii, V.I. 2943
Kuzin, E.A. *see* Petrov, M.P. 12060
Kuzin, E.A. *see* Petrov, M.P. 12063
Kuzma, E. Contributions to the technology of critical temperature resistors 42256
Kuzma, T.J. *see* Lazofson, L.E. 22220
Kuzmak, P.M., Dayhoff, R.E. A bidirectional ACR-NEMA interface between the VA's DHCP Integrated Imaging System and the Siemens-Loral PACS 14242
Kuz'menko, A.G. *see* Konovalov, S.I. 18333
Kuz'michev, A.I. *see* Boldasov, V.S. 1781
Kuz'michev, D.K. *see* Boldasov, V.S. 1781
Kuz'michev, M.V., Pavlov, V.P., Prudnikov, I.V. Event-trace recorder to the CAMAC standard 6338
Kuz'michev, V.M. *see* Zakurenko, O.E. 31491
Kuzmicz, W. *see* Lichacz, C. 2665
Kuz'min, A.N. *see* Boev, S.G. 38665
Kuzmin, A.S. *see* Aulchenko, V.M. 7220
Kuz'min, B.I., Maksimov, V.A. Evaluation of the effectiveness of communication management systems based on additive and multiplicative representations of generalized utility functions 5370
Kuz'min, E.A. *see* Avdeev, S.P. 7198
Kuzmin, E.A. *see* Avdeyev, S.P. 7149
Kuz'min, G.P. *see* Aleksandrov, M.T. 15895
Kuz'min, I.I. *see* Levin, L.I. 8191
Kuzmin, S.L. *see* Kasherininov, P.G. 11558
Kuzmin, S.L. *see* Kasherininov, P.G. 11832
Kuzmin, S.L. *see* Kasherininov, P.G. 15002
Kuzmin, S.L. *see* Kichaev, A.V. 38519
Kuzmin, V.A., Mnatsakanov, T.T., Rostovtsev, I.L., Yurkov, S.N. Problems related to power semiconductor device modelling 2405
Kuzmin, V.A., Yurkov, S.N. Analysis of latch-effect in insulated gate bipolar transistors 2477
Kuz'min, V.V. *see* Smorodin, V.I. 32825
Kuz'min, Yu.I. *see* Dorogovtsev, S.N. 2893
Kuz'mina, I.I., Komarov, A.P., Nikitin, V.V., Onokhov, A.P. Dynamic properties of liquid-crystal optically controlled transparencies 3222
Kuzminov, D. *see* Banerjee, I. 42565
Kuzminov, S.V. *see* Aftanas, L.I. 24277
Kuz'minov, V.V., Novikov, V.M., Pomanskii, A.A., Pritychenko, B.V., Viyar, J., Garcia, E., Morales, A., Morales, J., Nunes-Lagos, R., Puimedon, J., Saens, K., Salinas, A., Sarsa, M. Cylindrical ionization chamber with compressed krypton 7164
Kuznetov, S.P. *see* Kuznetsov, A.P. 994
Kuznetsov, A.A., Ochkin, V.N., Trzesowski, Z., Zawadski, Z. Field structure and losses of an unstable resonator of a slab gas laser 11932
Kuznetsov, A.A., Skakun, V.S., Tarasenko, V.F., Fomin, E.A. Excimer electric-discharge tube with $\lambda \sim 126$, 146, or 172 nm 3421
Kuznetsov, A.A. *see* Aksinenko, V.D. 7265
Kuznetsov, A.B. *see* Belyaev, V.V. 3226
Kuznetsov, A.M. *see* Aleksandrov, A.F. 1794
Kuznetsov, A.M. *see* Aleksandrov, A.F. 42373
Kuznetsov, A.P., Kuznetov, S.P., Sataev, I.R., Chua, L.O. Self-similarity and universality in Chua's circuit via the approximate Chua's 1-D map 994
Kuznetsov, A.P., Kuznetsov, S.P., Sataev, I.R., Chua, L.O. Two-parameter study of transition to chaos in Chua's circuit: renormalization group, universality and scaling 26667
Kuznetsov, A.V., Vinck, A.J.H. A coding scheme for single peak-shift correction in (d, k)-constrained channels 21633
Kuznetsov, A.V. *see* Andreev, A.Ts. 15051
Kuznetsov, A.V. *see* Grudinin, A.B. 3535
Kuznetsov, A.V. *see* Sychugov, V.A. 43804
Kuznetsov, B.A. Acoustic-emission quality control of bimetal steel-titanium obtained by explosive welding 18339
Kuznetsov, B.I., Chausov, A.A. Synthesis of two-channel optimal-control system to determine the tension of cable winding strips 10542
Kuznetsov, B.I., Khudyaev, A.A., Nekrasov, I.M., Rusaev, V.I. Two-armature linear synchronous drive of processing center 40523
Kuznetsov, B.I., Prokopenko, Y.A. Dynamic characteristics of two-channel optimum control servosystems with separate loads 40266
Kuznetsov, E.V. *see* Gerasimov, V.I. 8068
Kuznetsov, G. High temperature cathodes for high current density 38815
Kuznetsov, G.I. *see* Arapov, L.N. 15283
Kuznetsov, G.I. *see* Baryshev, Y.V. 31656
Kuznetsov, I.A. *see* Shakshin, N.I. 41509
Kuznetsov, M., Verlangieri, P., Dentai, A.G. Frequency tuning characteristics and WDM channel access of the semiconductor three-branch Y3-lasers 43928
Kuznetsov, M., Verlangieri, P., Dentai, A.G., Joyner, C.H., Burrus, C.A. Widely tunable (45 nm, 5.6 THz) multi-quantum-well three-branch Y3-lasers for WDM networks 20785
Kuznetsov, M.I. *see* Konovalov, V.A. 15495
Kuznetsov, N.S. *see* Smol'nikov, A.P. 33333
Kuznetsov, S.P. *see* Kuznetsov, A.P. 26667
Kuznetsov, V. *see* Kaparkov, D. 27128
Kuznetsov, V.A., Lerer, A.M. Polarizability ratio of an eliptical hole in a screen near the interfaces of dielectrics 12560
Kuznetsov, V.D. *see* Avdeev, S.P. 6949
Kuznetsov, V.D. *see* Avdeev, S.P. 7198
Kuznetsov, V.D. *see* Avdeev, S.P. 7275
Kuznetsov, V.G., Lysenko, A.T., Grigor'ev, A.S. Minimisation of installed capacity and optimum control of the operation of balances compensators 7846
Kuznetsov, V.I. *see* Fominykh, Yu.A. 40359
Kuznetsov, V.P. *see* Vasilevskiy, M.I. 774
Kuznetsov, V.V., Kaparkov, D.I., Lofgren, M., Vendik, I.B. Non-reflective low-noise modulator: the beneficial application of HTSC at microwaves 27171
Kuznetsov, V.V. *see* Gal'chenko, S.A. 27172
Kuznetsov, W.D. *see* Avdeyev, S.P. 7149
Kuznetsova, G.N. *see* Berikashvili, V.Sh. 11614
Kuznetsova, R.T. *see* Kopylova, T.N. 3468
Kuznetsova, T.I. *see* Vlasov, D.V. 3420
Kuznia, J.N. *see* Adesida, I. 2185
Kuznia, J.N. *see* Asif Khan, M. 18162
Kuznia, J.N. *see* Khan, M.A. 2566
Kuznia, J.N. *see* Khan, M.A. 15010
Kuznia, J.N. *see* Khan, M.A. 18265
Kuznicki, Z.T. *L-H* interface improvement for ultra-high-efficiency Si solar cells 17384
Kuznicki, Z.T. Some aspects of the multi-interface structure for BSF solar cells 25694
Kuzuhara, M. *see* Ando, Y. 10461
Kuzuhara, M. *see* Iwata, N. 1533
Kuzumoto, M. *see* Takenaka, Y. 12276
Kuzyakin, S.P., Shtykov, V.V. Conductance matrix of surface acoustic wave delay line 11442
Kuzyk, M.G. *see* Welker, D.J. 35323

Kvacnikhov, L.A. *see* Dyatchuk, G.G. 48148
Kvam, E.P. *see* Bashir, R. 2033
Kvam, E.P. *see* Yen, H. 9564
Kvapil, J. *see* Koselja, M. 28753
Kvaratskheliya, N.G., Simaranov, S.Yu. Discrete steady-state moving-target tracking filters 4683
Kvasha, A.I. *see* Bylinsky, Yu.V. 7009
Kvashnin, G.P. *see* Prutkovskii, E.N. 8225
Kvashonkin, I.A., Umanskij, I.G., Sulygin, I.I., Libman, I.S. RF power amplifier for the first stage of the UNK 9975
Kvasnik, F. *see* Cai, X.Y. 2635
Kvasnikov, L.A. *see* D'yachuk, G.G. 25846
Kvasnikov, S.A. *see* Anan'ev, V.D. 47677
Kvit, A.V. *see* Bogonin, I.A. 26403
Kvitek, E. *see* Schejbal, V. 30865
Kvitek, J. *see* Popok, V. 34683
Kvols, K. *see* Dittmann, L. 14008
Kvon, Z.D. *see* Bykov, A.A. 19405
Kvon, Z.D. *see* Bykov, A.A. 43617
Kwa, S.S. *see* Chew, Y.T. 7377
Kwanitaal, T. The fundamentals of sensors 14988
Kwack, K.D. *see* Park, J.-G. 2672
Kwack, K.D. *see* Park, J.-G. 2678
Kwack Kae Dal *see* Kae Dal Kwack
Kwak, B.J., Kim, K.M., Cha, I.W., Youn, D.H. The output SINR of the linearly constrained beamformer 29693
Kwak, B.M. *see* Young-Ho Cho 31198
Kwak, D.-H. *see* Lee, J.-U. 43175
Kwak, Y.-S. *see* Lee, G.-S. 10861
Kwak, Y.-S. *see* Park, J.-G. 2672
Kwak, Y.-S. *see* Park, J.-G. 2678
Kwak Chong Hoon *see* Chong Hoon Kwak
Kwakkel, E. *see* Zondervan, A. 46867
Kwakman, L. *see* Werkhoven, C. 34736
Kwan, C.M. *see* Mestha, L.K. 7084
Kwan, C.M. *see* Mestha, L.K. 7093
Kwan, F., Minkus, H., Berson, B. Miniature hybrid MICs support MMIC subsystem design 19094
Kwan, H.K. Realisation of high-speed systolic IIR decimators and interpolators 10287
Kwan, J.W., Ackerman, G.D., Chan, C.F., Cooper, M.E., Cooper, W.S., deVries, G.J., Leung, K.N., Steele, W.F., Wells, R.P., West, A., Williams, M.D. A D surface-conversion source for neutral beam applications 38828
Kwan, K. *see* Chung, T. 394
Kwan, K.H. *see* Yung, K.L. 17425
Kwan, K.S., Tsai, M.H. Superconducting magnetic energy storage for voltage stabilizer in electric power systems 7847
Kwan, K.S., Tsai, M.H., Lu, C.F., Wu, C.J. Application of a superconducting magnetic energy storage unit for voltage profile improvement 7809
Kwan, K.W., Marshall, K. A bipolar IF device for GSM mobile telephone 14515
Kwan, M. Simultaneous attacks in differential cryptanalysis (getting more pairs per encryption) 12900
Kwan, M., Pieprzyk, J. A general purpose technique for locating key scheduling weaknesses in DES-like cryptosystems 12978
Kwan, M. *see* Brown, L. 12964
Kwan, M. *see* Peng, Z. 18743
Kwan, S. *see* Anderson, D.F. 42350
Kwan, S.W.L. *see* Kaplan, D.M. 7226
Kwan, T.J.T. *see* Fazio, M.V. 19303
Kwan, T.J.T. *see* Kato, K.G. 19304
Kwan, Y.L. *see* Babiuk, R. 16496
Kwan Un Chong *see* Chong Kwan Un
Kwan-dick Chan *see* Wing-yan Ng 15204
Kwan-Hwa Jan, Chen, P., Shubinsky, G. Machine vision system for verification and identification of tire treads 46310
kwan-Joon Kim *see* Jung-Seok Park 13171
Kwang Ho Kim The GaAs inversion-type MIS-FET using fluoride gate insulator 2559
Kwang Ho Kwon, Hyung Ho Park, Soo Min Lee, Byong Hwa Koak, Bo Woo Kim, Oh Joon Kwon, Yung Kwon Sung A study on the silicon surface and near-surface contamination by CHF_3/C_2F_6 RIE and its removal with thermal treatment and O_2 plasma exposure 2105
Kwang Hyun Bang *see* Chanyoung Chung 47657
Kwang Kyu Park *see* Bong Duc Choi 9384
Kwang Lee Joo *see* Joo Kwang Lee
Kwang Mean Park, Kae Dal Kwack An Ebers-Moll model for heterojunction bipolar transistors 2476
Kwang Nam Kim *see* Byung Chul Ahn 9794
Kwang Nam Kim *see* Byung Chul Ahn 28148
Kwang Soo Kim *see* Won Tae Kim 354
Kwang Soo Yoo, Sorensen, I.W., Glaunsinger, W.S. Adhesion, surface morphology, and gas sensing characteristics of thin-gold-film chemical sensors 31341
Kwang Wee Li *see* Wee Li Kwang
Kwang-Bae Kim *see* Joong-Ho Song 8833
Kwang-Bae Kim *see* Joong-Ho Song 16832
Kwang-Cheng Chen *see* Tay-Her Tsaur 38071
Kwang-Hee Keh *see* Sang-Shin Lee 20390
Kwang-Ho Kim, Deung-Yong Park, Jong-Keun Park A hybrid model of artificial neural network and fuzzy expert system for short-term load forecast 32358
Kwang-Je Kim *see* Ming Xie 28913
Kwang-Joon Kim *see* Han-Kee Jang 31075
Kwang-Joon Kim *see* In-Soo Kim 44945
Kwang-Ryong Oh, Ki-Sung Park, Dae-Kon Oh, Hong-Man Kim, Hyung Moo Park, KwyRo Lee A very low operation current InGaAsP/InP total internal reflection optical switch using p/n/p/n current blocking layers 35500
Kwang-Sub Jeong *see* Joon-Bon Yang 39717
Kwang-Ting Cheng Transition fault testing for sequential circuits 26806
Kwang-Ting Liu *see* Hun-Chang Sheu 6325
Kwankam, S.Y., Ningo, N.N., Bilikha, J., Nemathchou, F., Ngundam, J.M. Application of a new digital power line communication technology to remote reading of standard electric utility meters 25064
Kwankam, S.Y. *see* Ningo, N.N. 22748
Kwark, B., Yeh, C.-L., Ho, C.-H., Weichold, M.H., Chang, K., Taylor, H.F. Nonlinear optical microwave interactions in microstrip linear resonators in GaAs 35968
Kwark, Y.H. *see* Tong, F. 11899
Kwark, Y.H. *see* Tong, F. 35635
Kwark, Y.H. *see* Tong, F. 38105
Kwasnick, R.F., Possin, G.E., Hill, W.L., II Exploration of amorphous silicon thin film transistor degradation with thermal anneal 28147
Kwasnick, R.F. *see* Grant, A.R. 28145
Kwasniok, P.J., Kozlowski, A.J., Stuchly, S.S. An improved method of measuring power-line impedances using two current probes 38642
Kwatra, S.C. *see* Djouadi, A. 21912
Kway, W.L. *see* DeLoach, L.D. 43756
Kway, W.L. *see* Payne, S.A. 20731
Kway, W.L. *see* Payne, S.A. 43787
Kwentus, A.Y., Hing-Tsun Hung, Willson, A.N., Jr. An architecture for high-performance/small-area multipliers for use in digital filtering applications 41858
Kweon Seok Kyu *see* Seok Kyu Kweon
Kwiat, K.A. *see* Debany, W.H., Jr. 10047
Kwiat, P.G., Steinberg, A.M., Chiao, R.Y., Eberhard, P.H., Petroff, M.D. Absolute efficiency and time-response measurement of single-photon detectors 46453
Kwiatek, M.S. *see* Sansone, M.J. 44153
Kwiatkowski, J.M. *see* Kostinski, A.B. 39382
Kwiatkowski, M. Dimensioning aspects of the international B-ISDN control network 37579
Kwiatkowski, M. A management architecture for the international B-ISDN 45645
Kwiatkowski, S. *see* Kaminska, E. 10976
Kwiatkowski, S. *see* Piotrowska, A. 27779
Kwiatkowski, S. *see* Piotrowska, A. 34846
Kwiek, P. *see* Roland-Mieszkowski, M. 20442
Kwietniak, K.T., Rosenfield, M.G., Coane, P.J., Blair, C.R., Klaus, D.P. Mixed e-beam/optical lithography process for the fabrication of sub-0.25 μm poly gates 2310
Kwietniak, K.T. *see* Rosenfield, M.G. 27934
Kwietniak, K.T. *see* Sachdev, H.S. 28047
Kwo, K.-W., Kang, C.-S., Park, T., Sun, Y.-B., Sandler, N., Tribula, D. Low temperature tantalum pentoxide thin films 9796
Kwo-Jyr Wong, Ching-Han Hsu, Jay Kuo, C.-C Fractal-based image coding with polyphase decomposition 30097
Kwok, A.S., Chang, R.K. Stimulated resonance Raman scattering of Rhodamine 6G 3810
Kwok, C.K., Desu, S.B. Novel method for determining the Curie temperature of ferroelectric films 2718
Kwok, C.K., Mukherjee, B. Transparent (cut-through) bridging of CSMA/CD networks: performance analysis and implementation 37501
Kwok, C.K., Vijay, D.P., Desu, S.B., Parikh, N.R., Hill, E.A. Conducting oxide electrodes for ferroelectric films 35141
Kwok, H.H.L. *see* Deliyannides, G. 33974
Kwok, H.H.L. *see* Pennathur, S. 11247
Kwok, H.S. *see* Zheng, J.P. 11854
Kwok, P.C.K. *see* Arcelli, C. 29903
Kwok, P.C.K. *see* Arcelli, C. 45197
Kwok, R. *see* Fahnestock, M. 16013
Kwok, R. *see* Johnson, J.T. 24508
Kwok, R. *see* Johnson, J.T. 47287
Kwok, R. *see* Nghiem, S.V. 7638
Kwok, R. *see* Nghiem, S.V. 24509
Kwok, R. *see* Yueh, S.H. 39356
Kwok, R. *see* Yueh, S.H. 47262
Kwok, R.W.M. *see* Landheer, D. 42717
Kwok, T. *see* Rathore, H.S. 2211
Kwok, T.K. Effect of strain on diffusion kinetics and activation energy for Al grain-boundary diffusion: a computer simulation [metallisation] 2204
Kwok, W., Sun, H. Multi-directional interpolation for spatial error concealment 13525
Kwok Chee Yee *see* Chee Yee Kwok
Kwok-leung Yip Imaging characteristics and tone scale calibration of CRT multiformat printers 6365
Kwok-Tung Lo, Wai-Kuen Cham An efficient encoding algorithm for vector quantization of images 13803
Kwok-Wah Hung, Tak-Shing Peter Yum The coded tone sense protocol for multihop spread spectrum packet radio networks 37722
Kwok-Wah Hung, Tak-Shing Yum Staggered multicast protocol with collision-free acknowledgement in multihop spread spectrum packet radio networks 45767
Kwok-Wah Law, Cheung-Fat Chan Efficient quantization of the LPC coefficients using hybrid codebook structure 4578
Kwok-Wah Law *see* Cheung-Fat Chan 13140
Kwok-yan Lam, Gollmann, D. Freshness assurance of authentication protocols 14229
Kwon, K.H. *see* Park, H.H. 34740
Kwon, O.-J. *see* Lee, S. 2443
Kwon, O.J. *see* Park, H.H. 34740
Kwon, O.S. *see* Kim, D.Y. 9977
Kwon, S.S., Chae, H.I., Lim, K.J., Ryu, B.H., Eun, Y.S., Kim, B.H. Radiation effects on electrical conduction properties in MIS capacitor 42572
Kwon, T.M., Zervakis, M.E. Design of regularization filters with linear neural networks [image restoration] 22180
Kwon, W.H. *see* Im, S.W. 41634
Kwon, Y. *see* Abe, K. 7260
Kwon, Y. *see* Abe, K. 15619
Kwon, Y. *see* Abe, K. 46930
Kwon, Y. *see* Kim, J. 1651
Kwon, Y.A. Optimal operation of a switched reluctance motor 8315
Kwon, Y.D. *see* Choi, B.S. 23346
Kwon, Y.S. *see* Lee, Y.J. 19907
Kwon Hycog-In *see* Hycog-In Kwon
Kwon Jun-Sik *see* Jun-Sik Kwon
Kwon Kwang Ho *see* Kwang Ho Kwon
Kwon O-Kyun *see* O-Kyun Kwon
Kwon Oh Joon *see* Oh Joon Kwon
Kwon Oh Young *see* Oh Young Kwon
Kwon Sang Jik *see* Sang Jik Kwon
Kwon Seong-Ouk *see* Seong-Ouk Kwon
Kwon Sung Yung *see* Yung Kwon Sung
Kwon Young-Se *see* Young-Se Kwon
Kwon-Young Choi *see* Yong-Sang Kim 42930
Kwong, D.L. *see* Huang, T.-H. 2069
Kwong, D.L. *see* Huang, T.H. 19526
Kwong, D.L. *see* Joshi, A.B. 42955
Kwong, D.L. *see* Kim, J. 19599
Kwong, D.L. *see* Kinoshita, H. 2065
Kwong, D.L. *see* Kinoshita, H. 2066
Kwong, D.L. *see* Yan, J. 34781
Kwong, D.L. *see* Yoon, G.W. 2698
Kwong, K.C. *see* Flinders, F.M. 40327
Kwong, N. *see* Piehler, D. 3559
Kwong, R. *see* Sachdev, H. 28046
Kwong, R.W. *see* Sachdev, H.S. 28047
Kwong, S., Gang, W., Zheng, O.Y.J. Fundamental frequency estimation based on adaptive time-averaging Wigner-Ville distribution 13084
Kwong, V. *see* Pan, Y. 19842
Kwong, W.C., Prucnal, P.R. Ultrafast all-optical photonic packet switching 30713
Kwong, W.C., Zhang, J.-G., Yang, G.-C. 2^n prime-sequence code and its optical CDMA coding architecture 44739
Kwong Chui *see* McKinney, D. 41920
Kwong Fong Chi *see* Fong Chi Kwong
Kwor, R. *see* Wang, W.W. 20427
Kwor, R.Y. *see* Fang, Y. 23496
Kwor, R.Y. *see* Fang, Y. 23576
Kwun, H. Application of magnetically induced velocity changes of ultrasonic waves for NDE of material properties 922
Kwun, H., Hanley, J.J., Teller, C.M. Performance of a noncontact magnetostrictive AE sensor on a steel rod 915
Kwun Sook-Il *see* Sook-Il Kwun
KwyRo Lee *see* Kwang-Ryong Oh 35500
Kwyro Lee *see* Shi-Ho Kim 19847
Ky Nguyen Hong *see* Nguyen Hong Ky
Kyan, J. *see* McColgin, W.C. 2685
Kyarginskaya, L.G. *see* Dvoryanikina, G.G. 28593
Kye-Hwan Oh *see* Yeo-Song Seol 10889
Kye-Ik Jeon *see* Hyun-Ryong Cho 43008
Kyeong Han Seon *see* Seon Kyeong Han
Kyeong Ho Yang *see* Sang Gil Lee 36532
Kyeong Ho Yang *see* Sang Gil Lee 45076
Kyeong-Sik Min *see* Shi-Ho Kim 19847
Kyeongcheol Yang *see* Wei, V.K. 36515
Kyle, P. Rheology: materials in motion. II. Applying the science of rheology to the PCB lamination press 34355
Kylen, G. *see* Bonicel, J. 5997
Kyo Ho Park *see* Jeong Soo Byun 18149
Kyomasu, M. The integrated master slice type transimpedance amplifier photosensors using PIN-bipolar process 43645
Kyomoto, S. *see* Kojima, Y. 16177
Kyomoto, S. *see* Kojima, Y. 16229
Kyono, C.S., Tadayon, B., Twigg, M.E., Giordana, A., Simons, D.S., Fatemi, M., Tadayon, S. Diode structures from amorphous low-temperature GaAs 34562
Kyoo Jhee Yoon *see* Yoon Kyoo Jhee
Kyoo Lee Shang *see* Shang Kyoo Lee
Kyounghoon Yang, East, J.R., Haddad, G.I. Numerical study on the injection performance of AlGaAs/GaAs abrupt emitter heterojunction bipolar transistors 42868
Kyouya, M. *see* Kusunoki, T. 25172
Kyrala, G.A. *see* Taylor, A.J. 20625
Kyre, S. *see* Alexander, J.P. 46860

Kyriacou, D., Jahngen, E.G.E. An electrogenerative acidobasic cell utilizing biomass for the generation of electricity and molecular hydrogen 8733
Kyriacou, G.A., Koukourlis, C.S., Sahalos, J.N. A reconstruction algorithm of electrical impedance tomography with optimal configuration of the driven electrodes 24267
Kyriakides, N.K. *see* Sanderson, J.V.H. 47584
Kyska, G. *see* Falk, J. 34349
Kyte, S. Global virtual private networks 13985
Kytin, V.G. *see* Kulbachinskii, V.A. 34566
Kyu Chang Park, Tae Gon Kim, Sung Ki Kim, Sung Chul Kim, Myung Hak Hwang, Jung Mok Jun, Jin Jang Improved amorphous silicon solar cells using RPCVD 26487
Kyu Chang Park *see* Jin Jang 41438
Kyu Chang Park *see* Sung Chul Kim 18271
Kyu Ho Park *see* Dong Su Seong 22261
Kyu Ho Park *see* In Gook Chun 29975
Kyu Ho Park *see* Sang Seol Lee 10111
Kyu Kweon Seok *see* Seok Kyu Kweon
Kyu Lee Jong *see* Jong Kyu Lee
Kyu Nam Lim, Songcheol Hong, Singh, J. Theoretical study on optimum barrier height of $GaAs/Al_xGa_{1-x}As$ multiple quantum well modulator: Inhomogeneous broadening effects 3180
Kyu Park Han *see* Han Kyu Park
Kyu Park Kwang *see* Kwang Kyu Park
Kyu-Bock Cho A neuro fuzzy controller for inverter fed variable speed induction motor drive on the power system 17493
Kyu-Bock Cho Study of a learning pattern recognition system using artificial neural network for diagnosis and monitoring electrical motor 25439
Kyu-Bock Cho A new learning fuzzy logic controller (LFLC) using artificial neural network for inverter fed variable speed drive 33094
Kyu-Bock Cho Development of the adaptive learning controller of electromechanical system for electric power system under aspect of biological evolutionary principle 39490
Kyu-Bock Cho, Kyu-Chan Lee An adaptive fuzzy current controller with neural network for a field-oriented controller induction machine 40168
Kyu-Chan Lee *see* Kyu-Bock Cho 40168
Kyu-Tae Kim *see* Se Ii Park 2892
Kyuma, K. Photoelectronic coexistent neural network 43588
Kyuma, K. *see* Funatsu, E. 31235
Kyuma, K. *see* Hara, K. 20520
Kyuma, K. *see* Oita, M. 35320
Kyuma, K. *see* Toyoda, T. 15196
Kyun Rha Sa *see* Sa Kyun Rha
Kyung Cheol Choi, Shin, B.J., Ki-Woong Whang Improved pulsed-memory dc plasma display with non-discharge pulses applied to the auxiliary anode 15138
Kyung Cho Won *see* Won Kyung Cho
Kyung Chong-Min *see* Chong-Min Kyung
Kyung Chun Kim *see* Ji Ryong Cho 23555
Kyung Ha Lee *see* Byung Chul Ahn 34998
Kyung Hoon Yoon *see* Yong Eui Lee 33731
Kyung I. Kang *see* Jae S. Yoo 20916
Kyung Joo, Bose, T. Identification of a class of signals embedded in high measurement noise 13170
Kyung Kang Hee *see* Hee Kyung Kang
Kyung Sung Tae *see* Tae Kyung Sung
Kyung Taek Chung *see* Gi O Jeong 31831
Kyung Yong Kim, Wang Sup Kim, Yong Bai Son, Seok Jin Yoon, Sang Ok Yoon Microwave dielectric properties of CeO_2 added $(Pb_{0.63}Ca_{0.37})ZrO_3$ ceramic system 28293
Kyung-Bae Chough *see* Hong, B.W.-P. 34927
Kyung-Bae Chough *see* Jong-In Song 42188
Kyung-Hee Jung, Hoyong Kim, Yunseok Ko Network reconfiguration algorithm for automated distribution systems based on artificial intelligence approach 32254
Kyung-Hee Jung *see* Yunseok Ko 32268
Kyung-Ho Kim *see* Eui-Young Chung 18563
Kyung-Ho Park *see* Seong-Ju Park 717
Kyung-Hwa Rim *see* Chul Woo Lee 20433
Kyung-Woo Yi, Hyung-Tae Chung, Hong-Woo Lee, Jong-Kyu Yoon The effects of pulling rates on the shape of crystal/melt interface in Si single crystal growth by the Czochralski method 649
Kyung-Yong Chwa *see* Jung-Heum Park 37053
Kyunghwan Oh, Morse, T.F., Kilian, A., Reinhart, L., Weber, P.M. Continuous-wave oscillation of thulium-sensitized holmium-doped silica fiber laser 35761
Kyurkchan, A.G. On a new class of equations in diffraction theory 12555
Kyusojin, A., Akimoto, Y. A new method of best-fitting on curved surface 18070
Kyutoku, M. *see* Makino, M. 48287

La, D. A new dispensing technology: dispense-jet fluidshooting [for SMT] 34420
La, S. *see* Ko, U. 18665
La Baw, C. Thermal infrared imaging spectrometry with room temperature optics 24526
La Casa, J.de *see* de La Casa, J.
La Casiniere, A.De *see* De La Casiniere, A.
La Chapelle, M.de *see* de La Chapelle, M.
La Commara, M. *see* Campajola, L. 46877
la Cruz, G.Gonzalez de *see* Gonzalez de la Cruz, G.
la Cruz, J.M.de *see* de la Cruz, J.M.
La Delfe, P.C., Goeller, R.M., Murray, H.S. Smart skin structures for identifying and locating laser irradiation 23539
La Ferla, A. *see* Gasparotto, A. 10831
la Filolie, B.Varailhon de *see* Varailhon de la Filolie, B.
La Fontaine, B. *see* Nantel, M. 11914
La Fontaine, B. *see* Taylor, G.N. 28037
La Forge, L.E., Kaiyuan Huang, Agarwal, V.K. Almost sure diagnosis of almost every good element [logic testing] 41800
La Fosse, J.P.Mouchel *see* Mouchel La Fosse, J.P.
la Fuente, J.I.da *see* da la Fuente, J.I.
La Fuente, R.De *see* De La Fuente, R.
la Fuente, R.M.N.de *see* de la Fuente, R.M.N.
la Houssaye, P.R.de *see* de la Houssaye, P.R.
la Iglesia, R.Diaz de *see* Diaz de la Iglesia, R.
La Mantia, A. *see* Grimaldi, M.G. 18216
La Monica, S. *see* De Cesare, G. 31298
La Monica, S. *see* de Cesare, G. 31312
La Parra, H.Zelaya-De *see* Zelaya-De La Parra, H.
la Plaza, J.de *see* de la Plaza, J.
La Porta, T.F., Schwartz, M. Verification of the MultiStream Protocol (MSP) using COSPAN 37129
La Porta, T.F., Schwartz, M. Performance analysis of MSP: feature-rich high-speed transport protocol 45536
La Porta, T.F., Veeraraghavan, M. Evaluation of broadband UNI signaling protocol techniques 30524
la Puerta, J.De *see* De la Puerta, J.
la Ree, J.de *see* de la Ree, J.
la Rochette, H.de *see* de la Rochette, H.
La Rue, R.A., Colbeth, R.E., Davis, G.A., Yuen, C., Webb, C., Shih, C., Weiss, R.E. Performance of modulation-doped charge-coupled devices (MD-CCD's) in the microwave and millimeter-wave bands 34272
La Rue, R.A., Edgecumbe, J.P., Davis, G.A., Gospe, S., Aebi, V. High quantum efficiency photomultiplier with fast time response 19314
La Rue, R.M.De *see* De La Rue, R.M.
La Scala, M., Bose, A. Relaxation/Newton methods for concurrent time step solution of differential-algebraic equations in power system dynamic simulations 7753
La Scala, M., Sbrizzai, R., Torelli, F., Trovato, M. Enhancement of interconnected power system stability using a control strategy involving static phase shifters 16210
La Scala, N., Jr. *see* Sakai, J.W. 42850
la Soujeole, A.de *see* de la Soujeole, A.
la Tocnaye, J.L.de Bougrenet de *see* de Bougrenet de la Tocnaye, J.L.
La Tocnaye, J.L.De Bourgrenet De *see* De Bourgrenet De La Tocnaye, J.L.
la Torre, V.de *see* de la Torre, V.
la Veaux, S.C.de *see* de la Veaux, S.C.
la Vega, A.S.de *see* de la Vega, A.S.
La Via, F., Spinella, C., Reader, A.H., Duchateau, J.P.W.B., Hakvoort, R.A., van Veen, A. Structure and defect characterization of epitaxial $CoSi_2$ on Si(001) formed using an amorphous $Co_{75}W_{25}$ sputtered layer 2236
La Via, F., Spinella, C., Reader, A.H., Duchateau, J.P.W.B., Hakvoort, R.A., van Veen, A. Formation and characterization of epitaxial $CoSi_2$ on Si(001) 18147
Laak, F.A.L.van *see* van Laak, F.A.L.
Laaks, K. *see* Van Der Eems, B. 14099
Laakso, K., Simola, K., Pulkkinen, U. Assessing the reliability of maintenance [nuclear power plants] 47662
Laakso, T.I., Hartimo, I. How to determine the internal wordlength in floating-point implementations of recursive filters? 13410
Laakso, T.I., Ovaska, S.J., Vainio, O. Implementation of a time-varying MIMO system with error feedback 13234
Laakso, T.I. *see* Lang, M. 34148
Laamyem, M. *see* Ballon, J. 7203
Laamyem, M. *see* Ballon, J. 31716
Laamyem, M. *see* Ballon, J. 46910
Laan, M.D.van der *see* van der Laan, M.D.
Laan, P.C.T.van der *see* van der Laan, P.C.T.
Laanab, L. *see* Faure, J. 27617
Laanab, L. *see* Faye, M.M. 10856
Laanab, L. *see* Faye, M.M. 10862
Laar, J.A.Van *see* Van Laar, J.A.
Laarbuis, J.H., Koonen, A.M.J. An efficient medium access control strategy for high-speed WDM multiaccess networks 6080
Laarhuis, J.H., Koonen, A.M.J. Analysis and design of a high speed, wide range stepwise tunable optical filter/amplifier 35542
Laauwen, W. *see* le Grand, J.B. 24051
Laauwen, W.M. *see* Patel, C. 20200
Laaziz, Y., Bennouna, A., Ameziane, E.L. The effect of annealing on the optical and electrical properties of a-Si:H sputtered films 1829
Labachelerie, M.de *see* de Labachelerie, M.
Labadie, J.W. *see* McKean, D.R. 11009
Labanti, C. *see* Quadrini, E.M. 15991
Labat, J. *see* Staniewicz, R.J. 17246
Labat, J. *see* Staniewicz, R.J. 17250
Labat, N., Saysset, N., Bodi, D.O., Touboul, A., Danto, Y., Tedesco, C., Paccagnella, A., Lanzieri, C. Investigations of the origin of AlGaAs-GaAs HEMTs LF channel noise 19887
LaBaw, C. *see* Li-Jen Cheng 24470
Labay, V.A., Bornemann, J. An integrated T-septum waveguide diplexer for compact front-end applications 5642
Labazkin, A.P., Shcherbakov, G.I. Experimental investigation of current sheet in MHD-accelerator electrode wall region 25732
Labazkin, A.P. *see* Alfyorov, V.I. 24449
L'Abbate, A. *see* Salvetti, O. 38979
Labbe, D.E. NO_x emissions advisor and automation system 32710
Labbe, M. *see* Hakimi, S.L. 508
Labeau, M., Gautheron, B., Delabouglise, G., Pena, J., Ragel, V., Varela, A., Roman, J., Martinez, J., Gonzalez-Calbet, J.M., Vallet-Regi, M. Synthesis, structure and gas sensitivity properties of pure and doped SnO_2 6640
Labeau, M. *see* Gautheron, B. 6637
LaBel, K.A., Cooley, J.A., Stassinopoulos, E.G., Marshall, P., Crabtree, C. Single event test methodology for integrated optoelectronics 11881
LaBel, K.A., Marshall, P., Dale, C., Crabtree, C.M., Stassinopoulos, E.G., Miller, J.T., Gates, M.M. SEDS MIL-STD-1773 fiber optic data bus: Proton irradiation test results and spaceflight SEU data 39254
Labelle, G. On the symmetry and asymmetry of combinatorial structures 510
LaBelle, M. *see* Chang, D.C. 12511
Labeyrie, A. *see* Mourard, D. 46313
Labeyrie, G. *see* Staveteig, P.T. 28589
Labeyrie, M., Lebourgeois, R., Pate, M., Ganne, J.P. Tunable microwave devices using magnetic materials 20164
Labianca, N.C. *see* Angelopoulos, M. 27959
Labib, S.W. *see* Elias, S.S. 39690
Labib, S.W. *see* Mokaddis, G.S. 450
Labini, M.S. Electromagnetic model of a ground fault circuit interrupter 16465
Labini, M.Sylos *see* Sylos Labini, M.
Labit, C. *see* Tamtaoui, A. 13814
LaBoe, S.P., Longenecker, H.E., Jr., Doran, M.V. A facilitator controlled, database oriented, electronic meeting idea network development, classification and evaluation system 30545
Laboissiere, R. *see* Bailly, G. 13098
Laboure, E., Costa, F., Forest, F. Current measurement in static converters and realization of a high frequency passive current probe (50 A-300 MHz) 15159
Labourie, C. *see* Jacquet, J. 35974
Labourie, C. *see* Langanay, J. 35835
Labov, S.E. *see* Mears, C.A. 11528
Labov, S.E. *see* Mears, C.A. 20192
Labov, W. *see* Lennig, M. 36594
Labrie, B. *see* Sherick, J. 25308
Labrique, F. *see* Fu, Y. 16817
Labrique, F. *see* Robyns, B. 16859
Labrique, F. *see* Robyns, B. 16861
Labroo, S., Park, J.Y., Kearney, R.J., Yeh, W.-J. Mechanisms of magnetic separation of fine Y-Ba-Cu-O powders in a fluidized bed 12539
Labrujere, A. *see* Khoe, G. 6054
Labrujere, A.C., van Deventer, M.O., Koning, O.J. Coherent multi-channel technology in the local loop 30807
Labrujere, A.C., van Deventer, M.O., Koning, O.J., Bekooij, J.P., Tan, A.H.H., Roelofsen, G., de Lange, M.K., Boly, J.-P., Berendschot-Aarts, J.A.H.W., Spruijt, C.P., van Nielen, M.F.L., van den Brink, R.F.M., de Blok, K.M., van Bochove, A.K. COSNET—a coherent optical subscriber network 6065
Labs, J.-M. *see* Lochmann, S. 2950
Labs, W. Remote data acquisition: getting the data back home 14905
Labuda, S. *see* Rabczuk, G. 11972
Labudda, K.D., Shahidehpour, S.M. A fuzzy multi-objective approach to power system state estimation 32180
Labunov, V.A. *see* Bondarenko, V.P. 28682
Labuntsov, V.A., Daizhun, C. Three-phase rectifier with a capacitance filter and an improved waveform for the current drawn from the network 40304
Laburthe-Tolra, C. *see* DeReggi, A.S. 43137
Labus, H. *see* Dietrich, J. 7097
Lacabanne, C. *see* Mayoux, C. 43157
Lacaita, A., Ghioni, M., Cova, S., Zappa, F. Ultrafast single photon avalanche diodes without slow tails in the pulse response 20540
Lacalle-Melero, J.R. *see* Nishimura, F. 24714
Lacan, P., Colangeli, P. Software engineering methods in the HERMES on-board software 32055
Lacanette, K. *see* Stoian, L.L. 10225
LaCasse, S. *see* Lazar, J. 16467

Lacava, F. *see* Bencze, G.L. 38858
Lacaze, B. Statistical remarks about multipath-fading in microwave links 45776
Lacaze, B. *see* Puechmorel, S. 13342
Lacaze, B. *see* Tourneret, J.Y. 13440
Lacelle, C. *see* Sudersena Rao, T. 41331
Lacey, D.J. *see* Goldstein, D.H. 32168
Lacey, G., Waldron, R., Dinten, J.-M., Lilly, F. Flexible multi-sensor inspection system for solder-joint analysis 40995
Lacey, J.P.R. *see* Summerfield, M.A. 37975
Lach, E., Daums, D., Daub, K., Feeser, T., Idler, W., Laube, G., Luz, G., Schilling, M., Wunstel, K. 5 Gb/s wavelength conversion with simultaneous regeneration of extinction ratio using Y-lasers 28877
Lachapelle, G., Cannon, M.E., Lu, G. A comparison of P code and high performance C/A code GPS receivers for on the fly ambiguity resolution 7577
Lachapelle, G., Cannon, M.E., Lu, G. High-precision GPS navigation with emphasis on carrier-phase ambiguity resolution 30935
Lachapelle, G., Townsend, B. GPS/Loran-C: an effective system mix for vehicular navigation in mountainous areas 38179
Lachaud, G. Exponential sums as discrete Fourier transform with invariant phase functions 9459
Lachaume, J. Harmonic pollution in MV distribution systems 24931
Lacher, M. *see* Dietrich, T.R. 26530
Lacher, M. *see* Sulz, G. 6642
Lachinov, A.N. Polymer films as a material for sensors 14939
Lachkov, G.G. *see* Gorelov, V.A. 24887
Lachout, P. *see* Kankova, V. 566
Lachs, W.R. *see* Sutanto, D. 24838
Lacklison, D.E. *see* Matin, M.A. 35837
Lackmann, R. *see* Wieberneit, M. 41728
Lackpour, M., Chilingarian, G.V. Potential geothermal power in northwest Iran 40038
LaComb, L.J., Jr. *see* Corle, T.R. 34868
LaCombe, D.J., Hu, W.W., Bardsley, F.R. Reliability of 0.1 μm InP HEMTs 43006
Lacombe, R.H., Buchwalter, L.P., Holloway, K. Comparison of finite element stress analysis results with peel strength at the copper-polyimide interface 40931
LaConti, A. *see* Surampudi, S. 33014
LaConti, A.B., Sarangapani, S., Kosek, J.A., Forchione, J. Proton exchange membrane electrochemical capacitors and fuel cells for pulse power applications 17143
LaConti, A.B. *see* Swette, L.L. 33012
Lacoss, R.T. *see* Dudgeon, D.E. 7681
Lacoume, J.-L. *see* Amblard, P.-O. 45025
Lacoume, J.L., Gaeta, M., Amblard, P.O. From order 2 to HOS: new tools and applications 13390
Lacoume, J.L. *see* Amblard, P.O. 4732
Lacoume, J.L. *see* Amblard, P.O. 13340
Lacour, B., Brunet, H., Besaucele, H., Gagnol, C. High average power XeCl excimer laser 20627
Lacour, B. *see* Prigent, P. 11993
Lacour, P. *see* Ghosh, J. 34208
LaCour, P. *see* Ghosh, J. 42117
LaCourse, J. *see* Rideout, W. 39281
Lacourt, A. *see* Lantz, E. 44051
Lacovangelo, C.D., Jerabek, E.C., King, R.N. Ceramic metallization using molten salt and electroless plating 27391
Lacovara, P. *see* Wall, K.F. 12050
Lacquaniti, L.G., Irone, M., Barbacini, S., Merlo, F., Demo, P., Pellegrin, C., Dan, M. Heart rate variability and severe brain damage: preliminary data 7428
Lacquaniti, L.G. *see* Irone, M. 47091
Lacquaniti, V., Maggi, S., Menichetti, E., Rinaudo, G., Vanolo, M. Test of a Nb thin film superconducting detector 7187
Lacquet, B.M., Swart, P.L. A new electrical circuit model for porous dielectric humidity sensors 14968
Lacquet, B.M. *see* Aizenberg, G.E. 35305
Lacquet, B.M. *see* Swart, P.L. 2034
Lacquet, B.M. *see* Swart, P.L. 35446
Lacroix, A. *see* Hartwig, F. 13409
Lacroix, B., Croguenoc, A. Local integrated control unit for MV distribution substations 25607
Lacroix, F. *see* Gautier, B. 11811
Lacroix, S. *see* Dumais, P. 12384
Laczik, Z. *see* Falster, R. 2012
Laczko, F. The Motion Pictures Experts Group digital compression standard and its role in satellite systems 45149
Laczkowski, R. Chaotic movements of a magnetic dipole rotator 11511
Ladage, L., Lodde, G. A 45° compaction algorithm handling overconstraints 35055
Ladan, F.R. *see* Rivera, T. 35963
Ladbrooke, P.H., Hill, A.J., Bridge, J.P. Fast FET and HEMT solvers for microwave CAD 10446
Ladbrooke, P.H. *see* Cameron, N.I. 28210
Ladd, J., Xinhua Qin A GPS solution to precision approach and landing (even in the presence of anti-spoofing) 46130
Ladd, S.K. Designing 3D multichip modules for high volume applications—three case studies 9299
Lade, C.R. *see* Aikin, J.A. 16613
Lades, M. *see* Meissner, E. 38033
Ladeveze, P. *see* Coorevits, P. 41218
Ladew, R.A. *see* Goldberg, R.L. 15706
Ladieu, F., Bouchaud, J.-P. Conductance statistics in small GaAs:Si wires at low temperatures. I. Theoretical analysis: truncated quantum fluctuations in insulating wires 1900
Ladieu, F., Mailly, D., Sanquer, M. Conductance statistics in small insulating GaAs:Si wires at low temperature. II. Experimental study 1901
Ladikova-Roeva, I.F. Inter-related influence of electromagnetic, thermal and concentration fields on composite alloys 33165
Ladle Ristow, M. *see* Schultz, J.C. 1887
Ladner, R. *see* Cohn, D. 36988
Ladniak, L. *see* Borecki, J. 17049
Ladommatos, N., Balian, R.A., Horrocks, R., Cooper, L. Investigation of the benefits of controlling the start of combustion in a direct injection diesel engine using an optical sensor 48431
Ladouceur, F. *see* Hewlett, S.J. 35334
Ladouceur, H.D. *see* Baronavski, A.P. 44057
Laduca, A. *see* Draper, C. 34747
LaDuca, A.J. *see* Yan, R.H. 11181
Ladvanszky, J. *see* Berceli, T. 27293
Ladwig, R., Spencer, J. Data acquisition in automotive testing 14873
Ladygin, E.A. *see* Cianfarani, C. 31731
Laenen, R., Wolfrum, K., Seilmeier, A., Laubereau, A. Parametric generation of femtosecond and picosecond pulses for spectroscopic applications 20976
Lafage, B. *see* Khalidi, A. 33015
Lafarge, P. *see* Joyez, P. 43364
Lafarge, P. *see* Pothier, H. 35269
Laffely, A.J. *see* Musavi, M.T. 4638
Lafferty, P.M. *see* Nhan, E. 47204
Laffitte, P. The breakthrough of the electric vehicle: the necessary decisions that confront the public authorities 48196
LaFlame, D., Balling, P., Wu, J., Schroder, N., Wolf, H., Badessi, S., Crone, G. Multi-mode reflector antenna system optimization 12766
Laflamme, C. *see* Sanchez-Calle, V.E. 13149
Laflamme, C. *see* Shelah, S. 526
Laflere, W.H. *see* Depast, M. 28079
Laflere, W.H. *see* Poelman, D. 3346
Laflin, M.G. ELF/VLF spectrum measurements 4167
Laflin, N. Frequency planning for digital terrestrial television 30956
Lafon, L. *see* Therond, P. 39574
LaFontaine, D. Modified phase control AC/DC convertor—an alternative topology for a nonisolated world wide input voltage power supply 41655
Lafontaine, H. *see* Haghiri-Gosnet, A.M. 28214
Lafontaine, J.R.C. *see* Touzi, R. 38158
Lafontaine, P. *see* Belvaux, A. 16427
LaFontaine, W. *see* Choi, H.-C. 33392
Laforce, R. *see* Johnson, F.G. 9579
Lafore, D., Li, J.M., Arnould, J. Darlington analysis of dynamic current exchanges 1062
Lafore, D., Sanchez, A.C., Clavier, E. How to evaluate IGBT characteristics in operating conditions 32932
Lafore, D. *see* Arnould, J. 2495
Lafore, D. *see* Clavier, E. 28927
Lafore, D. *see* Guidini, R. 2562
Lafore, D. *see* Li, J.M. 2537
Laforgia, D. *see* Ficarella, A. 47762
Lafosse, X., Bailly, J.C. Experimental study and modelling of a microwave cholesteric structure 11696
Lafrey, R. *see* Misra, P. 38182
Lafuente, A. *see* Rodriguez, C. 16432
Lafuente, A. *see* Rodriguez, C. 32499
Lafyatis, G.P. *see* Woodard, N.G. 38502
Lagally, M.G. *see* Atwater, H.A. *(editor)* 40707
Lagana, D. Tariffs for national telephone traffic 37361
Lagarde, F. *see* Casanovas, J. 11345
Lagarkov, A.N. Electrophysical properties of heterogeneous composites in a high-frequency domain of electromagnetic field 33762
Lagasse, P. *see* Wauters, N. 38098
Lage, C. *see* Burnett, D. 34075
Lage, C. *see* Walczyk, F. 11330
Lage, M., Urios, M. Spectral analysis for broad and narrow band signal measurement 31412
Lagendijk, R.L. *see* Belfor, R.A.F. 14805
Lagendijk, R.L. *see* Bosveld, F. 31021
Lagendijk, R.L. *see* Franich, R.E.H. 29952
Lagendijk, R.L. *see* Frimout, E.D. 31048
Lagendijk, R.L. *see* Kleihorst, R.P. 22198
Lagendijk, R.L. *see* Sezan, M.I. 14806
Lagendijk, R.L. *see* van der Meer, P.J. 14305
Lagerquist, R. *see* Betz, R.E. 47848
Lagerstedt, B., Nyman, H. ATM in public telecommunications networks 5291
Lagerstrom, B. *see* Granestrand, P. 35501
Lagerstrom, B. *see* Hill, G.R. 6051
Lagerstrom, B. *see* Johansson, S. 6053
Laget, B. *see* Konik, H. 45062
Laget, J.P. *see* Joly, S. 44009
Laghari, J.R. Complex electrical thermal and radiation aging of dielectric films 20032
Laghari, J.R. *see* Hammoud, A.N. 43150
Laghari, J.R. *see* Khachen, W. 17147
Laghari, J.R. *see* Stokes, A.N. 43207
Lagier, Y. *see* Ventura, P. 16047
Lagleder, J., Schrader, J. Building networks through joint ventures [telecommunications networks] 5273
Lagniel, J. *see* Chamouard, P. 6944
Lago, A. *see* Shkolnikov, P.L. 3781
Lago, A.Dal *see* Dal Lago, A.
Lago, E.dal *see* dal Lago, E.
Lago, K.N. The Internet and the public library: practical and political realities 5529
Lagomarsino, S. *see* Derrien, J. 18145
Lagomasino, G.L. *see* Bustamante, J. 26335
Lagomichos, C. An ASIC technology optimised for synthesis 41771
Lagoo, K.D. *see* Kamat, Y.V. 31382
Lagostena, L. *see* Campestrini, L. 25939
Lagoubi, A. *see* Galun, E. 34774
Lagoudakos, M. *see* Avouris, N.M. 7747
Lagrange, A. *see* Rousset, A. 42257
Laguna, M. *see* Aboubacar, A. 38802
Laguna, P., Jane, R., Caminal, P. Automatic detection of wave boundaries in multilead ECG signals: validation with the CSE database 47107
Laguna, P., Vigo, D., Jane, R., Caminal, P. Automatic wave onset and offset determination in ECG signals: Validation with the CSE database 15882
Laguna, P. *see* Jane, R. 15876
Lagunas, M.A., Pages, A. BFN processing for satellite communications 30693
Lagunas, M.A., Pages-Zamora, A., Perez-Neira, A. High order learning in temporal reference array beamforming 21759
Lagunas, M.A., Perez-Neira, A., Najar, M., Pages, A. The Kolmogorov signal processor 18793
Lagunas, M.A. *see* Bilinskis, I. 21870
Lagunas, M.A. *see* Cabrera, M. 21506
Lagunas, M.A. *see* Najar, M. 4735
Lagunas, M.A. *see* Perez-Neira, A. 39437
Lagunova, T.S. *see* Voronina, T.I. 42416
Lahanas, M. *see* Bachler, J. 46934
Lahellec, C. *see* Rongere, F.-X. 25857
Laheurte, J.M., Papiernik, A., Mosig, J.R. Modeling of coaxial feed contribution to microstrip antenna impedance: comparison of a numerical model with analytical expressions 21455
Lahey, R.T., Jr. *see* Embrechts, M. 32618
Lahiri, P. *see* Biswas, B.N. 19047
Lahiri, S.K., Das, M.K., Das Gupta, A., Manna, I. 3D effects in VLSI/ULSI MOSFETs: a novel analytical approach to model threshold voltage 42965
Lahiri, S.K. *see* Das, S. 1830
Lahlou, M. Automation of a hydraulic installation. Modelling of low-pressure channels and concept of water level regulation 8234
Lahri, R. *see* Gadepally, K. 34802
Laht, W.V. Planning of the Canadian Broadcasting Centre Toronto, Canada 23264
Lahtchev, L.H., Fischer, F., Nour Eldin, H.A., Zaprianov, J. Distributed monitoring for a turbogenerator set diagnostic system 40088
Lahti, G.P., Perchiazzi, W.T. New technologies for a postaccident control room habitability assessment 32563
Lai, B. *see* Krasnoperova, A.A. 31816
Lai, C.-H. Domain decomposition methods for semiconductor device problems on a Cray S-MP 28072
Lai, C.-S., Wey, C.-L. An efficient output function partitioning algorithm for reducing hardware overhead in self-checking circuits and systems 18549
Lai, C.S. *see* Hathaway, M. 2655
Lai, E.C.C. Evaluation of the performance of a variable speed machine drive under steady state and transient state loading conditions 8836
Lai, E.M.-K. *see* Chew, T.-S. 30260
Lai, E.M.-K. *see* Fong, C.K. 37538
Lai, E.M.-K. *see* Hung, C.K. 37353
Lai, F. *see* Jou, Y.F. 13878
Lai, F. *see* Jou, Y.F. 45282
Lai, F. *see* Jung-Meng Huang 18706
Lai, F. *see* Tsai, Z. 22653
Lai, F.-S. The efficient implementation and analysis of a hybrid number system processor 10079
Lai, F.S., Hwang, W. Differential cascode voltage switch with the pass-gate (DCVSPG) logic tree for high performance CMOS digital systems 18673
Lai, G. *see* Chen, J. 44150
Lai, H.C., Ganapatyan, V., Grovenor, C.R.M., Hodby, J.W. The synthesis of thallium-based superconducting thin films by a simple thalliation process and response of step edge DC-SQUID structure 33725
Lai, J., Gauch, J., Crisman, J. Using color to compute optical flow 4989
Lai, J. *see* Majumdar, A. 40904
Lai, J.-S., Martzloff, F.D. Coordinating cascaded surge protection devices: high-low versus low-high 7988
Lai, J.-S. *see* Key, T.S. 7702
Lai, J.C.S., Milthorpe, J.F. Application of the sound intensity technique to acoustic measurements of electrical machines 40561
Lai, J.C.S. *see* Pulle, D.W.J. 8885
Lai, J.Z.C. On the sensitivity of camera calibration 6587

Lai, J.Z.C. Tracking multiple features using relaxation 22053
Lai, J.Z.C., Ming Chao, Ren-Sheng Cheng, Wei-Wei Chan The effects of a camera's intrinsic parameters on the determination of a coordinate frame 23351
Lai, K., Campbell, J.C. Design of a tunable GaAs/AlGaAs multiple-quantum-well resonant-cavity photodetector 46450
Lai, K.K. *see* Sun, T.C. 26159
Lai, K.T. *see* Chan, S.C. 14849
Lai, K.Y.A. *see* Leung, K.W. 4274
Lai, K.Y.A. *see* Leung, K.W. 29294
Lai, K.Y.A. *see* Luk, K.M. 12759
Lai, K.Y.A. *see* Luk, K.M. 21378
Lai, L.L. Expert systems for protection grading [of power systems] 16456
Lai, L.L., Ndeh-Che, F., Chari, T., Rajroop, P.J., Chandrasekharaiah, H.S. HVDC systems fault diagnosis with neural networks 16291
Lai, L.L. *see* Swarup, K.S. 47600
Lai, M. *see* Beaulieu, N.C. 22297
Lai, M.-J. Approximation order from bivariate C^1-cubics on a four-directional mesh is full 41138
Lai, M.K.F. Polygon-to-chain reductions work for networks with imperfect vertices 30255
Lai, M.K.F. Extending the A-M-S/Tucker model to connection level with precedence & pre-emption 37067
Lai, R., Chang, K.W., Wang, H., Tan, K., Lo, D.C., Streit, D.C., Liu, P.H., Dia, R., Berenz, J. A high performance and low DC power V-band MMIC LNA using 0.1 μm InGaAs/InAlAs/InP HEMT technology 27284
Lai, R., Jirachiefpattana, A. Verification of ISO ACSE protocol specified in Estelle 30223
Lai, R., Wojtowicz, M., Chen, C.H., Biedenbender, M., Yen, H.C., Streit, D.C., Tan, K.L., Liu, P.H. Highpower 0.15-mm *V*-band pseudomorphic InGaAs-AlGaAs-GaAs HEMT 19048
Lai, R. *see* Lo, D.C.W. 1638
Lai, R. *see* Pospieszalski, M.W. 1528
Lai, R. *see* Wang, H. 1580
Lai, R. *see* Wang, H. 19118
Lai, R. *see* Xiaobo Li 45361
Lai, S. The outlook of flash EPROM technology 18741
Lai, S.T. An improved Langmuir probe formula for modeling satellite interactions with near-geostationary environment 32086
Lai, S.T., Nener, B.D. Annealing behavior of deep-level defects in 1 MeV electron irradiated GaAs 34514
Lai, S.T. *see* Nener, B.D. 23869
Lai, V.S., Guynes, J.L. A model of ISDN (integrated services digital network) adoption in U.S. corporations 30529
Lai, Y. *see* Tai, K. 12216
Lai, Y.-C., Grebogi, C. Synchronization of a chaotic optical system using control 35539
Lai, Y.-L. *see* Chang, E.Y. 42563
Lai, Y.C. *see* Baxa, E.G., Jr. 23203
Lai, Y.M., Chen, R.M.M., Fong, A.S. A CAD technique for mass-production of microwave circuits 19121
Lai Chuxi *see* Wu Mingfang 1974
Lai Guanming *see* Guanming Lai
Lai Hang Yam *see* Yam Lai Hang
Lai Huei-Yang *see* Huei-Yang Lai
Lai Jian The status and trends of electric vehicles development in China 48192
Lai Jiun-Tsuen *see* Jiun-Tsuen Lai
Lai Ming-Shung *see* Ming-Shung Lai
Lai Say Teng *see* Say Teng Lai
Lai Sheng-Li *see* Sheng-Li Lai
Lai Wai-Sum *see* Wai-Sum Lai
Lai Wan Woo *see* Sabbagh, H.A. 18382
Lai Xuejia *see* Xuejia Lai
Lai Yeong-Lin *see* Yeong-Lin Lai
Lai-Juh Chen, Shaw-Tzeng Hsia, Kuang-Chao Chen The anisotropic plasma-enhanced chemical vapor deposition SiO_2/spin-on-glass process for 0.35 μm technology 26492
Laibowitz, R.B., Sun, J.Z., Foglietti, V., Gallagher, W.J., Koch, R.H. High-T_c, multilevel edge junction superconducting quantum interference devices with $SrTiO_3$ barriers operating at 77 K 20208
Laidani, N., Bonelli, M., Miotello, A., Guzman, L., Caliiari, L., Elena, M., Bertoncello, R., Glisenti, A., Capelletti, R., Ossi, P. Chemical and compositional changes induced by N^+ implantation in amorphous SiC films 10810
Laidig, M.R., Wurst, J.W. Technology implementation of stationary battery failure prediction 40451
Laidler, D. *see* Harvey, T.G. 43453
Laifa Dai *see* Dai Laifa
Laih, C.-S., Kuo, W.-C. Improved identity-based key sharing system for multiaddress communication 44735
Laih, C.-S., Tu, F.-K., Tai, W.-C. Remarks on LUC public key system 29439
Laih, C.-S., Yen, S.-M. On the design of conference key distribution systems for the broadcasting networks 4438
Laih, C.-S. *see* Matsumoto, T. 12956
Laih, C.-S. *see* Yen, S.-M. 4376
Laih, C.-S. *see* Yen, S.-M. 4427
Laih Chi Sung *see* Chi Sung Laih
Laih Chi-Sung *see* Chi-Sung Laih
Laibo, R., Il'ichev, E.V., Zakosarenko, V.M. Influence of light on a ceramic $YBa_2Cu_3O_{7-\delta}$ SQUID at 77 K 43361
Laijiu Chen *see* Chen Laijiu
Laine, A., Fan, J. Texture classification by wavelet packet signatures 21953
Laine, A., Fan, J. An adaptive approach for texture segmentation by multi-channel wavelet frames 22120
Laine, B. Manufacturing defects analyzers grow up 34352
Laine, D.C. *see* Martin, C.M. 20950
Laine, F. *see* Gal, O. 7059
Laine, P.P. *see* Ahonen, A.I. 24214
Laine, U.K. Famlet, to be or not to be a wavelet? 13359
Lainhart, M.E. *see* Bullock, D.L. 28902
Laird, D.L., Laudon, M.F., Engelstad, R.L. Practical considerations in X-ray mask mounting methodology 27985
Laird, D.L. *see* Laudon, M.F. 27858
Laird, J.E. *see* Huffman, S.B. 47159
Laird, J.E. *see* Pearson, D.J. 39160
Laird, J.S. *see* Sexton, F.W. 35074
Lairson, B.M. *see* Visokay, M.R. 28355
Lairson, B.M., Visokay, M.R., Brennan, S.B., Sinclair, R., Clemens, B.M. Structural properties of anisotropic PtCo(001) and PtFe(001) thin films on MgO(001) 28354
Lairson, B.M., Visokay, M.R., Sinclair, R., Clemens, B.M. Epitaxial PtFe and PtCo(001) thin films with perpendicular magnetic anisotropy 11476
Laitenberger, P. *see* Silva, L.A. 27612
Lajoie, J. *see* Bellwied, R. 31684
Lajoie-Mazenc, C. *see* Barbat, C. 24624
Lajoie-Mazenc, E. *see* David, A. 8816
Lajoie-Mazenc, E. *see* David, A. 8893
Lajoie-Mazenc, E. *see* David, A. 17513
Lajoie-Mazenc, E. *see* Puttgen, H.B. 8861
Lajoie-Mazenc, M. *see* Clenet, S. 8343
Lajoie-Mazenc, M. *see* Cros, J. 8455
Lajoie-Mazenc, M. *see* Cros, J. 17136
Lajzerowicz, J. *see* Armengaud, L. 31790
Lakatosh, W.J. *see* Pospieszalski, M.W. 1528
Lakdawala, V.K. *see* Panigrahi, S. 27475
Lakdawala, V.K. *see* Thomas, L.M. 28631
Lake, I.D.W. *see* Khanniche, M.S. 39670
Laker, M.R. *see* Brackenbury, L.E.M. 3254
Lakervi, E. *see* Lehtio, A. 8027
Lakervi, E. *see* Lehtio, A. 35130
Lakervi, E. *see* Roman, H. 24755
Lakew, B. *see* Brasunas, J.C. 31234
Lakhani, G., Mahendra, V. A synthesis algorithm for orthogonally structured gate matrix layouts 18600
Lakhotia, V. *see* Tobin, P.J. 34761
Lakhov, V.M. *see* Shul'gin, B.V. 46882
Lakhtakia, A. A unidirectionally conducting screen is a super-Brewster screen 4029
Lakhtakia, A. On the polarizability dyadics of electrically small, convex objects 12573
Lakhtakia, A. Application of the Waterman-Truell approach for chiral composites 21195
Lakhtakia, A. On the crucial role of impedance matching in chirolens design 36349
Lakhtakia, A. Time-dependent Beltrami fields in material continua: the Beltrami-Maxwell postulates 44196
Lakhtakia, A., Weiglhofer, W.S. Bianisotropic sphere in a uniaxial medium with application to complex composites 4080
Lakhtakia, A. *see* Weiglhofer, W.S. 4033
Lakhtikov, A.E. *see* Pavlovskii, A.I. 28713
Lakin, K.M., Kline, G.R., McCarron, K.T. High *Q* microwave acoustic resonators and filters 1490
Lakin, K.M., Kline, G.R., McCarron, K.T. Thin film bulk acoustic wave filters for GPS 11440
Lakin, K.M., Kline, G.R., McCarron, K.T. High-Q microwave acoustic resonators and filters 42210
Lakina, I.Y., Samosadnyi, V.T., Ryabeva, E.V., Sibirtsev, A.A. Calculation of neutron fluxes induced by galactic cosmic rays in an orbiting space station 24387
Lakner, H. *see* Kraus, J. 2594
Lakner, M. *see* Stupp, H. 1828
Laks, D.B., Van de Walle, C.G., Neumark, G.F., Pantelides, S.T. Acceptor doping in ZnSe versus ZnTe 2051
Lakshman, T.V. *see* Tsong-Ho Wu 37261
Lakshmanan, A.S. *see* Jayachandran, M. 41496
Lakshmanan, A.V. *see* Murali, V. 7500
Lakshmanan, M. *see* Bountis, T.C. 10014
Lakshmanan, M. *see* Karmarkar, J.S. 22226
Lakshmanan, M. *see* Murali, K. 5314
Lakshmanan, M. *see* Murali, K. 26656
Lakshmanan, M. *see* Murali, K. 26669
Lakshmanan, S. The robustness properties of univariate and multivariate reciprocal polynomials 18073
Lakshmeesha, V.K. *see* Srinivasan, V.V. 29368
Lakshmi, K.Sri *see* Sri Lakshmi, K.
Lakshmikumar, K.R., Friedman, V., Price, D.L., Le, T., Peterson, T.R., Barner, J.R., Green, D.W., Kumar, J. A modem/codec for cellular telephony 37862
Lakshmikumar, S.T., Rastogi, A.C. Selenization of Cu and In thin films for the preparation of selenide photo-absorber layers in solar cells using Se vapour source 33045
Lakshminarayana, D., Murty, T.G.K. A method to improve bandwidth of circularly polarized asymmetric beam horns 29290
Lakshminarayana, D. *see* Hara Prasad, B.V. 4343
Lakshminarayana, D. *see* Joshi, S. 8778
Lal, C., Shah, M.V., Bawa, S.C. Fabrication techniques for space electronics 26180
Lal, R. *see* Patrikar, R.M. 1952
Lal, R. *see* Patrikar, R.M. 19461
Lal Sharma, P. On IIR echo cancellation 10318
Lala, J.H., Nagle, G., Anagnostopoulos, G. Fault tolerant computer control for the maglev vehicles 17563
Lala, P.K. *see* Busaba, F.Y. 26839
Lala, P.K. *see* Busaba, F.Y. 41774
Lala, P.K. *see* Subramanian, S. 10155
Lalande, M. *see* Armengaud, L. 31790
Lalande, M. *see* Feix, N. 12713
Lalanne, F. *see* Ouabbou, A. 11098
Lalanne, P., Chavel, P., Garda, P., Devos, F. Optoelectronic retinas that perform stochastic global optimization 4809
Lalanne, P., Rodier, J.-C., Chavel, P., Belhaire, E., Garda, P.F. Optoelectronic devices for Boltzmann machines and simulated annealing 3273
Laletin, N.I., Lyul'ka, V.A. Effects of water loss in polycells of an RBMK reactor with fuel assemblies composed of 36 fuel elements 32587
Laliberte, G. *see* Loron, L. 8415
Lalinsky, T., Gregusova, D., Mozolova, Z., Breza, J., Vogrincic, P. High-temperature stable Ir-Al/n-GaAs Schottky diodes 42853
Lalinsky, T. *see* Osvald, J. 10751
Lalinsky, T. *see* Safrankova, J. 38510
Lall, P., Bhagath, S. An overview of multichip modules 9296
Lallemand, R. *see* Coquery, G. 1059
Lallemant, M. *see* Stuerga, D. 40661
Lallemant, M. *see* Stuerga, D. 40662
Lallet, E. *see* Budkowski, S. 14116
Lallouz, R. *see* Shalev, P. 44095
Lalo, A. *see* Hersen, B. 5078
Lalonde, R.J., Worthington, A., Hunt, J.W. Field conjugate acoustic lenses for ultrasound hyperthermia 15893
Laloni, C., Gutsche, R., Wahl, F.M. A factory-floor monitoring system for mobile robot guidance 14898
Lalou, J. Acoustic studies concerning the telephone set and telephone transmission quality—interactions between acoustics and telephony 14069
LaLumondiere, S. *see* Koga, R. 33915
Lam, A. *see* Garrison, D.P. 1022
Lam, A.C. Training and innovation: the Japanese way 26128
Lam, B.C., Kellner, A.L., Sushchik, M.M., Abarbanel, H.D.I., Yu, P.K.L. Observation of chaotic instability in the active mode locking of a semiconductor laser 20776
Lam, B.C. *see* Costa, J.M. 30704
Lam, C.M., Ishimaru, A. Calculation of Mueller matrices and polarization signatures for a slab of random medium using vector radiative transfer 4041
Lam, C.M., Ishimaru, A. Mueller matrix calculation for a slab of random medium with both random rough surfaces and discrete particles 44330
Lam, C.T., Yeh, R.H. Optimal replacement policies for multistate deteriorating systems 41009
Lam, D., Khim, S.Y. Effective tests for memories based on faults models for low PPM defects 10178
Lam, D. *see* Huang, K. 24806
Lam, F.K., Lam, H.Y. Constant sidelobe pulse compression filter for periodic sequence 30911
Lam, F.K. *see* Tsang, P.W.M. 45092
Lam, G.C.K. *see* Leung, D.Y.C. 8141
Lam, H.C. *see* Lee, C.K. 5025
Lam, H.Y. *see* Lam, F.K. 30911
Lam, J. *see* Chang, F.C. 9297
Lam, J.C., Hui, S.C.M., Chan, A.L.S. Overall thermal transfer value control of building envelope design. I. OTTV limits 9004
Lam, J.C., Hui, S.C.M., Chan, A.L.S. Overall thermal transfer value control of building envelope design. II. OTTV parameters 9005
Lam, J.F. *see* Schaffner, J.H. 46000
Lam, K. *see* Ahmad, R. 5158
Lam, K. *see* Ahmad, R. 13980
Lam, K. *see* Sun, T.C. 26159
Lam, K.-M., Yan, H. Fast greedy algorithm for active contours 29783
Lam, K.-Y., Beth, T. Timely authentication in distributed systems 14231
Lam, K.-Y. *see* Strack, H. 22606
Lam, K.P., Horne, E. Enhanced kernel estimation technique for pattern classification 13574
Lam, K.W. *see* Hung, S.L. 37151
Lam, K.Y. *see* Hung, S.L. 37151
Lam, K.Y. *see* Wang, B.K. 29238
Lam, L. China attacks 500-kV contamination problem 16414
Lam, L., Suen, C.Y. Automatic comparison of skeletons by shape matching methods 45203

Lam, L.T., Douglas, J.D., Pillig, R., Rand, D.A.J. Minor elements in lead materials used for lead/acid batteries. I. Hydrogen and oxygen-gassing characteristics 40427
Lam, L.T., Lim, O., Ozgun, H., Rand, D.A.J. Seeking enhanced lead/acid battery performance through the use of conductive tin-dioxide-coated glass-flakes 40415
Lam, L.T. *see* Manders, J.E. 40416
Lam, L.T.S., Lam, W.C.Y., Leung, D.N.K. Diagonal quantization of Hough transform: the worst case approach 13682
Lam, L.T.S., Lam, W.C.Y., Leung, D.N.K. A knowledge-based boundary convergence algorithm for line detection 45184
Lam, Q.M., Morgan, R.N. Multi-target tracking and data association using learning network systems: a conceptual design 21810
Lam, S.K. *see* Ng, J.M. 45643
Lam, S.W.C., Ip, H.H.S. Texture features extraction using generalized Voronoi polygons 13670
Lam, T. *see* Coppenbarger, R.A. 39193
Lam, W., Matloubian, M., Kurdoghlian, A., Larson, L., Igawa, A., Chou, C., Jelloian, L., Brown, A., Thompson, M., Ngo, C. High-efficiency InP-based HEMT MMIC power amplifier for Q-band applications 19120
Lam, W. *see* Wang, H. 1594
Lam, W.-k. *see* Choy, C.-s. 18770
Lam, W.-k. *see* Choy, C.-s. 26987
Lam, W.C.Y. *see* Lam, L.T.S. 13682
Lam, W.C.Y. *see* Lam, L.T.S. 45184
Lam, W.K. *see* Wan, K.W. 30617
Lam, W.K.C., Brayton, R.K., Sagiovanni-Vincentelli, A. Valid clocking in wavepipelined circuits 26615
Lam, Y.C. *see* Zhang, H. 26543
Lam, Y.W. *see* Cox, T.J. 32128
Lam Cheung *see* Cheung Lam
Lam Cheung-Wei *see* Cheung-Wei Lam
Lam Kat-Hung *see* Kat-Hung Lam
Lam Kwok-yan *see* Kwok-yan Lam
Lam Nguyen Huong *see* Nguyen Huong Lam
Lam Ta *see* Arugu, D.O. 2330
Lam Wai-Man *see* Wai-Man Lam
Lam Yip Gar *see* Gar Lam Yip
Lama, F., Derossi, A., Piacentini, M., Zema, N. Optical design of an extended range plane grating monochromator for a bending magnet beamline 31812
Lamakin, B.V. *see* Zhuravlyov, G.E. 39695
Lamana, J.M. *see* Camon, A. 6277
Lamanna, G. *see* Aleksandrov, A.V. 7142
Lamanna, G. *see* Aleksandrov, A.V. 31655
Lamanna, G. *see* Aleksandrov, A.V. 38805
Lamanna, G. *see* Calabrese, R. 34473
Lamanna, G. *see* Calabrese, R. 38804
LaManna, T.C. *see* Crawford, R.L. 7676
LaMarche, T. X-ray closes the inspection process loop 33416
Lamarque, F. Steam turbines associated with combined cycle plants 40021
Lamarque, G., Gasnier, S. Ground resistivity measurement with transputers 24475
Lamarre, L. Rural co-ops big on R and D 7810
Lamarre, L. The vision of distributed generation 8032
Lamarre, L. COHPing with particulates 16665
Lamarre, L. Living with lightning 44175
Lamarre, L. Electricity from whole trees 47744
Lamarre, L. *see* Courteau, R. 43193
Lamarre, L. *see* Fournier, D. 43146
Lamas Valverde, J. *see* Crotty, I. 31774
Lamb, C.M. *see* Wells, J. 17180
Lamb, H.H. *see* Bedge, S. 34718
Lamb, H.H. *see* Wan, Z. 34738
Lamb, J., Moss, M.G. Expanding photolithography process latitude with organic AR coatings 11039
Lamb, J.D., Asher, G.M., Woodall, D.R. Network realisation of bond graphs 18027
Lamb, K. *see* Spence, D.E. 43815
Lamb, M. *see* Wang, W. 9216
Lamb, R. *see* Winton, G.H. 27482
Lambard, J., Poignant, H. U^{3+}-doped bulk and fibre fluoride glasses 3010
Lambeck, P.V. *see* Hoekstra, T.H. 3124
Lambeck, P.V. *see* Hoekstra, T.H. 28500
Lambeck, P.V. *see* Hoekstra, T.H. 38078
Lambelet, P. *see* Limberger, H.G. 28473
Lambers, E.S. *see* Lampert, W.V. 19426
Lamberson, S.E. *see* Truesdell, K.A. 12000
Lambert, A., Booker, S., Smith, P.D. Transient antenna optimization 44576
Lambert, B., Toudic, Y., Rouillard, Y., Baudet, M., Guenais, B., Deveaud, B., Valiente, I., Simon, J.C. Optical properties of GaSb-AlSb heterostructures grown by molecular beam epitaxy 9637
Lambert, B., Toudic, Y., Rouillard, Y., Baudet, M., Guenais, B., Deveaud, B., Valiente, I., Simon, J.C. High reflectivity 1.55 μm (Al)GaSb/AlSb Bragg mirror grown by molecular beam epitaxy 28494
Lambert, B. *see* Guivarc'h, A. 41274
Lambert, B. *see* Perotin, M. 34695
Lambert, D. *see* Krukar, R. 2133
Lambert, D.T. *see* Senior, J.M. 23041
Lambert, D.T. *see* Senior, J.M. 30978
Lambert, J., Phadke, A.G., McNabb, D. Accurate voltage phasor measurement in a series-compensated network 47609
Lambert, J. *see* Pitsillides, A. 37585
Lambert, J.D. *see* Kiseon Kim 20221
Lambert, J.F. *see* Xiying Hu 37099
Lambert, M. *see* Ripoche, G. 3331
Lambert, M.A. *see* Post, R.F. 23961
Lambert, R. *see* McDonald, J.P. 45161
Lambert, R.M. *see* Horton, J.H. 33749
Lambert, S. *see* Chenoweth, A. 14567
Lambert, S. *see* Driemeyer, D. 14565
Lambert, S. *see* Jackson, J. 12097
Lambert, X. *see* Guinet, J. 42311
Lambert-Torres, G., Valiquette, B., Ribeiro, G.M., Do, X.D. PROCONTROL—a hybrid expert system for power system protection and control 32266
Lambert-Torres, G. *see* Ribeiro, G.M. 40380
Lamberti, L. *see* O'Shaughnessy, K. 47008
Lamberti, N. *see* Fiorillo, A.S. 9851
Lambertson, G. *see* Rimmer, R. 15511
Lambertson, G.R. Bunch-motion feedback for B-factories 7002
Lamberty, B.J. *see* Fitzsimmons, G.W. 29371
Lambeth, D.N. *see* Ross, W.E. 28533
Lambilly, H.D., Keser, H.O. Failure analysis of power modules: a look at the packaging and reliability of large IGBTs 2649
Lambinet, P. Trends in mixing signal ASIC partitioning 10344
Lamble, W. *see* Caussyn, D.D. 7026
Lamble, W. *see* Ellison, M. 38779
Lamble, W. *see* Lee, S.Y. 7040
Lambrecht, A., Kurbel, R., Agne, M. Shadow mask MBE for the fabrication of lead chalcogenide buried heterostructure lasers 9640
Lambrecht, A. *see* Agne, M. 35861
Lambropoulos, C. *see* Adam, W. 46929
Lambropoulos, P. New concepts in the generation of short wavelength coherent radiation 12348
Lambrozo, J. *see* Biegelmeier, G. 207
Lameillieure, J.De *see* De Lameillieure, J.
Lamekin, V.F. *see* Babkin, A.F. 6820
Lamelas, F.J., Fuoss, P.H., Kisker, D.W., Stephenson, G.B., Imperatori, P., Brennan, S. X-ray-scattering analysis of surface structures produced by vapor-phase epitaxy of GaAs 33634
Lamendola, R. *see* d'Agostino, R. 41452
Lamensdorf, D., Susman, L. Baseband-pulse-antenna techniques 36367
Lamer, G.R. *see* Buzak, T.S. 23812
Lamersdorf, W. *see* Merz, M. 37347
Laming, R.I., Richardson, D.J., Taverner, D., Payne, D.N. Transmission of 6 ps linear pulses over 50 km of standard fibre using midpoint spectral inversion to eliminate dispersion 38005
Laming, R.I. *see* Payne, D.N. 30838
Laming, R.I. *see* Townsend, J.E. 2963
Laming, R.I. *see* Zervas, M.N. 3506
Laming, R.I. *see* Zervas, M.N. 3516
Lamkin, S.L., Khandelwal, G.S., Shinn, J.L., Wilson, J.W. Space proton transport in one dimension 47167
Lamm, M. *see* Auchincloss, P.S. 46953
Lamm, M. *see* Liu, H.C. 31211
Lamm, M. *see* Wilson, P.H. 6501
Lamm, M.J. *see* Kinnel, T.S. 38880
Lamm, M.J. *see* Wake, M. 15366
Lammer, G. *see* Loschner, H. 27920
Lammerink, T.S.J., Tas, N.R., Elwenspoek, M., Fluitman, J.H.J. Micro-liquid flow sensor 6390
Lammerink, T.S.J. *see* Prak, A. 46360
Lamont, J.W., Fouad, A.A. Iowa State University's power program and industry-sponsored activities 32183
Lamont, M. *see* Bailey, R. 15273
Lamontagne, B. *see* Chenite, A. 2250
Lamoree, J.D., Kostecki, E., Knudtson, G., Vinett, P., Temple, R. Using a superconducting storage device to improve power quality 32349
Lamouler, P. *see* Simon, J.C. 28810
Lampard, G., Vu-Dinh, T. The effect of terrain on radio propagation in urban microcells 5779
Lampard, G.J. Fault-finding strategies for Telecom Australia's FTTCP field-trial 38018
Lampariello, P., Oliner, A.A. New equivalent networks with simple closed-form expressions for open and slit-coupled E-plane tee junctions 1475
Lampariello, P. *see* Frezza, F. 1450
Lamparter, H., Dietz, M. A mobile office partition as flexible internal leaf for studios in the new Freiburg Regional Studio 23260
Lampe, C.G., Hulskamp, J.P., Morrison, B. Real-time thermal profile measurement of hot strip steel for application to hot strip mill automation 38734
Lampe, D.R. *see* Sinharoy, S. 43225
Lampe, M. *see* Fernsler, R.F. 48490
Lampe, U., Fleischer, M., Meixner, H. Lambda measurement with Ga_2O_3 31335
Lampe, W. Rain intensities in nature and for laboratory tests 16295
Lampe, W., Wikstrom, D. Pollution testing of nonceramic insulators 16403
Lampe, W. *see* Akbar, A. 47551
Lampe, W. *see* Gutfleisch, F. 16406
Lampe, W. *see* Windmar, D. 16405
Lampel, M.C., Curtin, M.S., Burke, R., Cover, R., Rakowsky, G., Bennett, G.T. Power beaming with FEL lasers 29075
Lampel, M.C. *see* Cover, R.A. 20929
Lampela, H. Around the world in 80 minutes—library catalogues on the Internet 30514
Lamperski, J. SAW filters with weighted tapered interdigital transducers 2775
Lampert, C.M. Optical switching technology for glazings 11816
Lampert, C.M. Towards large-area photovoltaic nanocells: experiences learned from smart window technology 48140
Lampert, C.M., Visco, S.J., Doeff, M.M., Ma, Y.P., He, Y., Giron, J.-C. Characteristics of laminated electrochromic devices using polyorganodisulfide electrodes 35481
Lampert, M.D., Kruhler, W., Schwarz, R. Position-dependent electronic properties of hydrogenated amorphous silicon p-i-n diodes 35575
Lampert, W.V., Haas, T.W., Holloway, P.H. The effects of elemental sequence and pairing on interdiffusion and phase formation of Al-Ge-Ni ohmic contacts for (001) GaAs 27783
Lampert, W.V., Haas, T.W., Lambers, E.S., Holloway, P.H. The effects of growth sequence on the electronic properties of Al-Ge-Ni OHMIC contacts on (001) GaAs 19426
Lamping, G.A. *see* Abbott, R.C. 32682
Lamport, L. *see* Kurshan, R.P. 41813
Lampoura, S.S. *see* Malliaras, G.G. 28611
Lampoura, S.S. *see* Malliaras, G.G. 43652
Lamprecht, F. *see* Juen, S. 44015
Lamrini, M. *see* Bouvier, A.J. 12013
Lamure, C.A. Electric vehicles, environment, substructures and social habits 40603
Lamy, B. *see* Soulie, F.F. 22138
Lamy, C., Leger, J.M. Mechanistic studies of the electrooxidation of small organic molecules [direct methanol fuel cells] 17296
Lamzin, E.A. *see* Ananiev, S.M. 15680
Lamzin, E.A. *see* Kukhtin, V.P. 15581
Lan, C.W. Thermal-capillary analysis of floating-zone growth of tube crystals: steady-state and conduction dominated calculations 41236
Lan, G.L. *see* Wu, C.S. 19088
Lan, H.L., Okamoto, Y., Karan, H.I., Skotheim, T.A. Polymeric biosensors based on oxidation of NADH 23733
Lan, J.H. Creep of solder interconnects under combined loads 41493
Lan Chieh Huang A conservative pathline scheme for the two-dimensional Euler equations 41177
Lan Fang *see* Fang Lan
Lan Ge, Hou Tianjin, Zhao Gang, Jiang Dong, Wang Xinbang, Qu Qianhua Experimental study on gain-guided waveguide array (1×10) CO_2 laser 11921
Lan Ge *see* Ge Lan
Lan Jixiang, Tang Cuming, Jin Baoshen, Yan Mingzhen, Xu Yaonian, Wang Shungquan The investigation on reduction characteristics of seed for coal-fired MHD generation 25820
Lan Ke *see* Peng Huimin 3447
Lan Leu-Shing *see* Leu-Shing Lan
Lan Qin *see* Qin Lan
Lan Shan-Ming *see* Shan-Ming Lan
Lan Sun *see* Zhi-zhang Xu 3453
Lan Wu *see* Jianguo Chen 35784
Lan Wu *see* Wu Lan
Lanagan, M. *see* Birkhahn, R. 11524
Lanagan, M.T. *see* Cha, Y.S. 11522
Lanari, R., Hirosawa, H. Synthetic aperture radar data processing using nonstandard FFT algorithm: JERS-1, a case study 23105
Lanari, R., Moreira, J.R. Motion error determination from the signum-coded SAR raw data 24525
Lancaster, C.A. *see* Dowell, D.H. 12255
Lancaster, J. In house taping captures placement time and cost advantages 34390
Lancaster, M.J., Li, J.C., Porch, A., Chew, N.G. High temperature superconductor lumped element resonator 1465
Lancaster, M.J. *see* Ivrissimtzis, L.P. 29329
Lancaster, M.J. *see* Ivrissimtzis, L.P. 29354
Lancaster, M.J. *see* Ivrissimtzis, L.P. 44600
Lancaster, M.J. *see* Porch, A. 43350
Lanceri, L. *see* Benvenuti, A. 7252
Lancini, R., Migliorati, P., Peterc, D. A very fast algorithm for image display with a limited number of colors 22282
Lancis, T., Andres, P., Furlan, W.D., Pons, A. All-diffractive achromatic Fourier-transform setup 45144
Lancon, E. *see* Furlan, G. 13810
Landais, P., Duan, G.-H., Gaumont-Goarin, E., Garabedian, P., Jacquet, J. Transition time and turn-on jitter of optically triggered bistable lasers incorporating a proton bombarded absorber 20758
Landais, P. *see* Cinotti, L. 7341
Landais, P. *see* Jacquet, J. 35974
Landau, B. *see* Srikrishna, K. 11292
Landau, D.P. *see* Nijmeijer, M.J.P. 11620
Landau, H.J. On the density of phase-space expansions 21837
Landau, L. *see* Coutinho, A.L.G.A. 18104
Landeau, T. *see* Ruelle, N. 7595
Landecker, T.L. *see* Valk, E.C. 23872

Landegem, T.Van *see* Van Landegem, T.
Lander, H. Various aspects of multimedia computers 30296
Lander, K. *see* Keene, M.N. 20213
Lander, P., Berbari, E.J. Use of time-frequency representations to enhance the signal-to-noise ratio of the signal-averaged ECG 39054
Lander, P. *see* Berbari, E.J. 39047
Landers, R. *see* Velasquez, E.L.Z. 19612
Landers, T.L. *see* Qureshi, W.M. 41008
Landes, H. *see* Bruckner, B. 17374
Landes, H. *see* Lerch, R. 16048
Landes, T. Placement of capacitors and capacitor controls in distribution systems 7874
Landesman, B.T. New mathematical model for Gaussian beams 28950
Landgraf, B. *see* Rydberg, A. 36376
Landgrebe, A.R. *see* Kinoshita, K. 25671
Landgrebe, A.R., Sen, R.K., Wheeler, D.J. *(editors)* Proceedings of the Workshop on Direct Methanol-Air Fuel Cells 9085
Landgrebe, D.A. *see* Jeon, B. 21847
Landgrebe, D.A. *see* Lee, C. 24457
Landheer, D., Yousefi, G.H., Webb, J.B., Kwok, R.W.M., Lau, W.M. Deep-level transient spectroscopy of HF-cleaned and sulfur-passivated InP metal/nitride/semiconductor structures 42717
Landheer, D. *see* Kuta, J.J. 23620
Landheer, D. *see* Lu, Z.H. 42948
Landi, G. *see* Adriani, O. 46977
Landini, G. *see* Frontera, F. 15669
Landis, D., Hudson, C., McHugh, P. Applications of the IEE P1149.5 module test and maintenance bus 14884
Landis, D., Notman, J. PWB surface finishes for COB 10566
Landis, D., Notman, J. PWB surface finishes for COB 34348
Landis, D. *see* Madden, N. 38943
Landis, D. *see* Pfafman, T.E. 20123
Landis, E.N., Shah, S.P. Recovery of microcrack parameters in mortar using quantitative acoustic emission 41514
Landis, G.A., Cull, R.C. Integrated solar power satellites: an approach to low-mass space power 32013
Landis, G.A., Fatemi, N.S., Young, M.J., Bailey, S.G. Maskless texture etching of GaAs 19551
Landis, G.A. *see* Jain, R.K. 48129
Landis, G.P., Galysh, I. NRL/USNO two way time transfer modem design and test results 22705
Landkammer, B. *see* Ruckschloss, M. 839
Landman, R.J. *see* Seaver, C.R., III 7879
Lando, S.K., Zvonkin, A.K. Plane and projective meanders 518
Landreau, J. *see* Blez, M. 12152
Landrock, P. *see* Brandt, J. 12893
Landrock, R. *see* Ecke, W. 38541
Landron, C.O. *see* Baldwin, G.T. 15676
Landry, M. *see* Beauchemin, R. 25565
Landry, R., Stavrakakis, I. Queueing study of a 3-priority policy with distinct service strategies 30199
Landsbergen, D. *see* Bernt, P. 30557
Landstorfer, F.M., Stocker, K.E. Optimum shaped small reflector antennas for various applications 4310
Landstorfer, F.M. *see* Zhu, N.Y. 3966
Landstorfer, F.M. *see* Zhu, N.Y. 15970
Landstrass, M. *see* Annamalai, N.K. 34984
Landstrass, M.I. *see* Schauer, S.N. 33739
Landuyt, J.Van *see* Van Landuyt, J.
Landweer, G.E.N. *see* Tao, G. 33062
Landwehr, G. *see* Bacher, G. 43921
Landwehr, G. *see* Waag, A. 34692
Landy, C.F. *see* McCulloch, M.D. 8382
Landy, C.F. *see* Pagel, A. 8578
Landy, C.F. *see* Pagel, A. 47888
Landy, C.F. *see* Parsley, G.M.J. 8442
Landy, C.F. *see* Walliser, R.F. 8388
Landy, F. *see* Jacobs, R. 39774
Landy, M.S. Combining multiple cues for texture edge localization 36809
Lane, A.I. A paradigm for user services support of distributed computing 30437
Lane, A.P. *see* Chapman, R.A. 20003
Lane, B., Smatlak, D. Novel ECR reactor for plasma processing of III-V semiconductor compounds 10907
Lane, E. *see* Fullowan, T.R. 42894
Lane, E. *see* Katz, A. 9547
Lane, E. *see* Katz, A. 9710
Lane, E. *see* Katz, A. 18136
Lane, E. *see* Katz, A. 20903
Lane, E. *see* Katz, A. 42788
Lane, E. *see* Lee, C.H. 43878
Lane, E. *see* Pearton, S.J. 43023
Lane, E. *see* Yang, F. 11147
Lane, F. *see* Boyce, J. 6249
Lane, J. Rethinking Sonet Rings 5992
Lane, J. *see* Kasparis, T. 14837
Lane, J. *see* Kasparis, T. 38367
Lane, J. *see* Mwarania, E.K. 43765
Lane, L. *see* Risk, W.P. 3832
Lane, P., Borthwick, I., Bletchly, P., Williams, D., Yeung, A., Tan, K., Leung, C. Implications of second law analysis to power generation plants 16648
Lane, P. *see* O'Reilly, J. 5953
Lane, P. *see* O'Reilly, J. 14816
Lane, P.M., Darwazeh, I.Z., Moreira, P.M.R.S., O'Reilly, J.J. GaAs MMIC technology applied to signal shaping for high bit-rate optical communications 30791
Lane, P.M. *see* Darwazeh, I.Z. 5937
Lane, P.M. *see* O'Reilly, J.J. 14618
Lane, P.M. *see* O'Reilly, J.J. 23036
Lane, P.M. *see* O'Reilly, J.J. 30293
Lane, P.M. *see* Walther, U. 5933
Lane, R.A., Thacker, N.A., Seed, N.L. Stretch-correlation as a real-time alternative to feature based stereo matching algorithms 45236
Lane, R.G. *see* Stoksik, M.A. 44822
Lane, R.J. *see* Kawasaki, S. 44067
Lane, T. *see* Adams, J. 8211
Lane-Smith, S.P. *see* Reeve, J. 32392
Laner, E. *see* Ferranti, M. 8928
Lanera, D., Barna, K., Enk, J. The impact on neutral voltage of large-scale residential neutral isolation 39639
Laneuville, D. *see* Hersen, B. 5078
Laney, S. *see* Parmer, C. 27362
Lanfear, M. *see* Vaughan, A.S. 38091
Lanford, W.A. *see* Ding, P.J. 34841
Lanford, W.A. *see* Murarka, S.P. 10996
Lanford, W.A. *see* Shepard, C.L. 34843
Lanfranchi, C. *see* de Lucia, M. 46659
Lang, B. Implementing ISO 9000 standard in a pulp mill electrical and instrumentation department 9048
Lang, C.I. *see* Dabral, S. 294
Lang, E. *see* Drtina, P. 32717
Lang, E.J. *see* Hu, Q. 13336
Lang, G. Electricity prices in Japan—structure and level 47372
Lang, H.P. *see* Dammer, U. 28348
Lang, I.F. *see* Hasegawa, B.H. 15761
Lang, J.H. *see* Cameron, D.E. 47847
Lang, J.H. *see* Sepe, R.B. 40133
Lang, L. *see* Haas, R.W. 12780
Lang, M., Bamberger, J. Nonlinear phase FIR filter design according to the L_2 norm with constraints for the complex error 44834
Lang, M., Laakso, T.I. Simple and robust method for the design of allpass filters using least-squares phase error criterion 34148
Lang, M. *see* Brennecke, R. 24380
Lang, M. *see* Fritsch, J.P. 24204
Lang, M.A.I., Leeburn, K.W., Reynders, J.P., Jandrell, I.R., Bhutt, S. Development of a soil thermal resistivity probe 39347
Lang, M.A.I. *see* Cloete, M. 16369
Lang, O. *see* Schlaf, R. 33616
Lang, P.T., Mast, K.F., Renk, K.F., Schatz, W. Photoresponse of a miniaturized metal film bolometer to ultrashort mid- and far-infrared laser pulses 15023
Lang, R. *see* O'Brien, S. 12232
Lang, R. *see* Waarts, R. 29019
Lang, R.J. Design of aberration-corrected curved-mirror and curved-grating unstable resonator diode lasers 44018
Lang, R.J., Hardy, A., Parke, R., Mehuys, D., O'Brien, S., Major, J., Welch, D. Numerical analysis of flared semiconductor laser amplifiers 12197
Lang, R.J. *see* Dzurko, K.M. 12181
Lang, R.J. *see* Griffel, G. 43905
Lang, R.J. *see* Major, J.S., Jr. 43952
Lang, R.J. *see* O'Brien, S. 12198
Lang, R.J. *see* Wallis, R.H. 10510
Lang, T.F. *see* Soo Chin Liew 31868
Lang, V.A., Utesch, B.S., Fly, P.M. Effects of display format and colour coding schemes on visual monitoring performance using spatially and temporally distributed visual displays 23785
Lang, W., Muck, G., Rose, E., Bausells, J., Kuhl, K., Moldovan, N., Suski, J. Stress compensation techniques in thin layers applied to silicon micromachining 19488
Lang, W., Steiner, P., Kozlowski, F., Sandmaier, H. Porous silicon light-emitting p-n junction 35591
Lang, W. *see* Froschie, B. 28142
Lang, W. *see* Froschle, B. 2173
Lang, W. *see* Richter, A. 28662
Lang, W. *see* Steiner, P. 11877
Lang, W. *see* Steiner, P. 20560
Lang, Z. *see* Zhen Zhang 29823
Lang Hong Multiresolutional multiple-model target tracking 44866
Lang Tran Tien *see* Cazabat, M. 15049
Langan, D.A. *see* Chan, D.S.K. 29639
Langan, J. *see* Anderson, B. 34783
Langan, J.G. *see* Bohling, D.A. 1979
Langan, R.A. A safe, high performance 1.5 volt lithium/iron disulfide primary battery 32991
Langanay, J., Gaumont-Goarin, E., Emery, J.Y., Labourie, C., Provost, J.G., Starck, C., Le Gouezigou, O., Lesterlin, D. High FM bandwidth of DBR laser including butt-jointed electro-optical wavelength tuning sections 35835
Langaris, C. Waiting time analysis of a two-stage queueing system with priorities 9391
Langbein, W., Woggon, U., Gaponenko, S., UHrig, A., Klingshirn, C. Spectrally narrow nonlinear resonances in semiconductor doped glasses 3844
Langdon, A.B. *see* Callahan, D.A. 15473
Langdon, A.B. *see* Callahan, D.A. 46757
Langdon, A.B. *see* Friedman, A. 15477
Langdon, A.B. *see* Friedman, A. 31565
Langdon, A.B. *see* Friedman, A. 46758
Langdon, G., Manohar, M. Centering of context-dependent components of prediction error distributions of images 13562
Langdon, G. *see* Zandi, A. 4398
Langdon, G.G., Jr. *see* Cheng, J.-M. 13560
Lange, A.E. *see* Aubourg, E. 19925
Lange, B. *see* Bausch, H. 40628
Lange, D.A., Gibson, G.A., Falco, C.M. Growth and structure of $IrSi_3$ on Si(111) 41277
Lange, G.de *see* de Lange, G.
Lange, H. *see* Pauli, M. 9648
Lange, J. *see* Forster, A. 19746
Lange, K. *see* Kroschel, K. 30335
Lange, M.D. *see* Wijewarnasuriya, P.S. 27483
Lange, M.J. *see* Dong-Su Kim 46452
Lange, M.K.de *see* de Lange, M.K.
Lange, M.R., Pape, D.R. Orthogonal shear acoustic mode suppression in gallium phosphide acousto-optic Bragg cells 11713
Lange, N., Steibl, S. ASIC emulation on an FPGA basis 41743
Lange, P., Bernt, H., Hartmannsgruber, E., Naumann, F. Growth rate and characterization of silicon oxide films grown in N_2O atmosphere in a rapid thermal processor 19593
Lange, W. *see* Henschel, H. 15623
Lange-Gieseler, R. *see* von Criegern, R. 42616
Langedijk, J. *see* Kaan, A.P. 6928
Langenbacher, H., Chao, T.-H., Shaw, T., Yu, J. 64×64 thresholding photodetector array for optical pattern recognition 38431
Langenberg, K.J., Brandfass, M. An iterative solution to quantitative inverse scattering 4085
Langenhorst, R. *see* Pieper, W. 43377
Langer, D.W., Yabo Li, Fang, X.M., Coon, V. MOCVD growth and properties of erbium doped GaAs 9736
Langer, D.W. *see* Pomrenke, G.S. *(editor)* 9104
Langer, J.-G. *see* Skudelny, H.-C. 8601
Langer, J.M. *see* Dobaczewski, L. 10736
Langer, J.M. *see* Peaker, A.R. 9665
Langer, P. *see* Ingvarsson, T. 24809
Langer, W. *see* Pfitzenmaier, G. 27141
Langerak, J.J., de Haas, A.P., Bootsma, T.M.V., Kuijer, P.G., Oskamp, C.J., Voerman, J.M., Smit, W., Snellings, R.J.M. A versatile TPC read-out system 38909
Langerbein, A. *see* Kersjes, R. 7321
Langerveld, D. *see* Adam, W. 46929
Langeveld, E.M. *see* Schipper, W.J. 3325
Langfermann, J. *see* Orlik, B. 9024
Langford, M. *see* Unwin, D.J. 13837
Langford, R.M., Thomsen, C.E. The value to the anaesthetist of monitoring cerebral activity 39076
Langford, T. *see* Caldwell, B. 245
Langham, E. *see* Parashar, S. 32072
Langhe, P.De *see* De Langhe, P.
Langheim, J., Fetz, J. Driving behaviour of a vehicle with two induction motors for the rear wheels 48230
Langheim, J. *see* Fetz, J. 48229
Langheinrich, W., Beneking, H. Fabrication of metallic structures in the 10 nm region using an inorganic electron beam resist 27883
Langheinrich, W., Beneking, H. The resolution of the inorganic electron beam resist $LiF(AlF_3)$ 28039
Langheinrich, W. *see* Schmidt, G. 41345
Langhoff, C.A., Stokich, T., Heistand, B. Benzocyclobutene (BCB): a polymer system for passive optical interconnects 2929
Langhorn, C. *see* Gruhlke, R. 35933
Langhorne, C., Carlson, C., Chowdhury, S. Wide area network performance modeling of distributed energy management systems 47423
Langi, A. *see* Grieder, W. 29544
Langi, A. *see* Kinsner, W. 29543
Langkau, R. *see* Bollmann, R. 46869
Langlais, T. *see* Britten, P. 22929
Langley, J.D.S., Hall, P.S., Newham, P. Novel ultrawide-bandwidth Vivaldi antenna with low crosspolarisation 12776
Langley, R.J. *see* Batchelor, J.C. 45787
Langley, R.J. *see* Chang, T.K. 21444
Langley, R.J. *see* Lima, A.C.deC. 36428
Langlois, P. ATM network testing 37602
Langlois, P. *see* Harvey, E. 9499
Langmaier, A. *see* Biesenack, J. 33836
Langman, R.A. *see* Innes, A.G. 40560
Langmann, U. *see* Bussmann, M. 34139
Langmann, U. *see* Bussmann, M. 42018
Langner, J. *see* Piekoszewski, J. 48115
Langouche, G., Wu, M.F., De Wachter, J., Pattyn, H., Van Bavel, A.-M. Unusual diffusion and precipitation behavior of Ni and Cu in Si upon elevated-temperature ion implantation 42633
Langouche, G. *see* Wu, M.F. 10882
Langouche, G. *see* Wu, M.F. 27642
Langrana, N. *see* Shieh, S.-J. 38978
Langridge, K. *see* Peel, E. 37257
Langru Li *see* Jiazheng Lu 3995
Langru Li *see* Jiazheng Lu 3996
Langru Li *see* Li Langru
Langsford, A. Object modelling for OSI management 37310

Langstaff, D.P., Lawton, M.W., McGinnity, T.M., Forbes, D.M., Birkinshaw, K. A new ion detector array and digital-signal-processor-based interface 46942
Langstaff, D.P. *see* Birkinshaw, K. 47015
Langston, J. *see* Pei-yang Yan 2275
Languell, M.L. *see* McKinley, J.T. 44082
Langworthy, J. *see* Cutchin, J.H. 34064
Langworthy, J.B. *see* Weatherford, T.R. 39239
Lanier, C. *see* Glumineau, A. 8322
Lanier, L. *see* Rathe, R. 14835
Lanigan, M.J. Project control with delta analysis 26134
Lankford, R.J. *see* McDonald, M.G. 34393
Lankhorst, F.T.J.L., Bastiaens, H.M.J., Peters, P.J.M., Witteman, W.J. High specific laser output energy at 157 nm from an electron beam pumped $He/Ne/F_2$ gas mixture 11936
Lankhorst, M.M., Moddemeijer, R. Automatic word categorization: an information-theoretic approach 12805
Lankl, B. *see* Sebald, G. 14415
Lan'kova, S.M. *see* Bermas, T.B. 43752
Lannan, G. *see* Buchner, S. 33989
Lanning, D.L. *see* Khoshgoftaar, T.M. 45436
Lannoo, M. Some possibilities of using defects for applications in semiconductors 2393
Lano, R. *see* Bertinetto, F. 3656
Lansari, Y., Yu, Z., Ren, J., Boney, C., Cook, J.W., Jr., Schetzina, J.F. Integrated heterostructure devices (IHDs): a new approach for the fabrication of high-efficiency blue/green light emitters based on II-VI materials 11675
Lansari, Y. *see* Ren, J. 11886
Lansari, Y. *see* Yu, Z. 12252
Lansdowne, Z.F. Built-in test factors in a life cycle cost model 33323
Lansford, J.L. Hybrid mean/median Wiener filters 13439
Lansford, J.L. *see* McCormick, W.S. 36708
Lantes, B. *see* Ducoulombier, J.-M. 39851
L'Antigua, M. *see* Manettas, D. 3302
Lanting, C.J.M. *see* Guarneri, R.M. 14006
Lantto, V. *see* Huusko, J. 6619
Lantto, V. *see* Rantala, T.S. 6630
Lantz, E., Metin, D., Cornet, H., Lacourt, A. Transmission of a Gaussian beam through a nonlinear thin film near the total reflection state 44051
Lantz, E. *see* Vernotte, F. 18516
Lanyun Gao *see* Zhen Wu 28933
Lanza, A. *see* Abbrescia, M. 7270
Lanza, A. *see* Agnetta, G. 31780
Lanza, A. *see* Ambrosini, G. 38898
Lanza, A. *see* Cataldi, G. 31666
Lanza, R. *see* McFarland, E.W. 13524
Lanzano, G. *see* De Filippo, E. 46876
Lanzi, C. *see* Wupperman, B. 33937
Lanzieri, C. *see* Labat, N. 19887
Lanzoni, M., Briozzo, L., Ricco, B. A novel approach to controlled programming of tunnel-based floating-gate MOSFETs 41899
Lao, A., Loh, J., Meserschmitt, D.G. Cell-relay network simulation: a demonstration of heterogeneous large-system modeling 22313
Lao, W. *see* Kuczynski, M.A. 30562
Lao Martinez, H. *see* Bisson, F. 45463
Laopoulos, T. *see* Givelin, P. 1034
Laor, U. *see* Steiner, B. 11252
Lap Huynh, Rong-Feng Chang, Wushow Chou Performance comparison between TCP slow-start and a new adaptive rate-based congestion avoidance scheme 37543
Lap-Tak Cheng Organic nonlinear materials for optical frequency conversion 12324
LaParre, D. *see* Kim, K.S. 23071
Lape, K.M., Rahal-Arabi, T. A broadband time-domain technique for the measurement of the frequency dependent complex permittivity in lossy transmission line systems 6736
Lape, K.M. *see* Arabi, T.R. 23852
Lapena, C.N. *see* Miller, J.A. 18051
Lapham, J. *see* Feindt, S. 11302
Lapicque, F. *see* Zouari, I. 787
Lapidoth, A. Convolutional codes and finite interleavers for the block erasure channel 44694
Lapierre, L. *see* Duvanaud, C. 1515
Lapietra, F. *see* Mecca, J.P. 9279
Lapikas, L. *see* Blok, H.P. 38935
Lapin, N.G. *see* Bocharov, Yu.N. 8522
Lapin, V. *see* Benvenuti, A. 7252
Lapini, G. *see* Simmons, H.R. 47623
Lapin'sh, Ya.K. *see* Lorenc, A.A. 36716
Lapitskij, S.N. *see* Assev, A.A. 15570
Lapitsky, S.N., Lukyantsev, A.F., Seleznev, V.S., Shevtsov, P.V., Tomin, S.I. Possible approach to the creation of systems for high energy proton beam losses measurements. 1. Physical aspects and experimental results 7085
Lapitsky, S.N., Lukyantsev, A.F., Seleznev, V.S., Shevtsov, P.V., Tomin, S.I. Possible approach to the creation of systems for high energy proton beam losses measurements. 2. Mathematical aspects and experimental results 7086
Lapitsky, S.N., Rakhmatov, V.E., Seleznev, V.S. The sealed beam intensity monitors 7103
Lapkin, I. *see* Koistinen, O. 7598
Lapkin, I.V. *see* Koistinen, O.P. 47271
Laplante, P.A. An application of a single instruction computer to dilation and erosion of gray valued images 36792
Laplante, P.A., Sinha, D. An architecture for fuzzy morphological operations 36791
Laplante, P.A., Zalewski, D. A real-time image filtration system 5031
Laporta, P., Taccheo, S., Longhi, S., Svelto, O., Sacchi, G. Diode-pumped microchip Er-Yb:glass laser 3477
Laporta, P. *see* Cerullo, G. 35759
Laporta, P. *see* Sacchi, G. 43800
Laporte, P. *see* Louis, D. 28275
Lapp, D. *see* Whitman, J.W.E. 32105
Lapp, S., Dawson, J. Testing results and running cost projections for an aluminum-air lead acid battery hybrid electric van 48388
Lapray, C. *see* Ntoutoume, T. 7381
Lapshin, V.G., Inyakin, A.V., Polyakov, V.A., Rakhmatova, V.B., Rykalin, V.I. A long-term stability of scintillating elements of Wide Aperture Detector 31686
Lapshin, V.G. *see* Buzulutskov, A.F. 31710
Lapshin, V.G. *see* Kryshkin, V.I. 7194
Lapshin, V.P. *see* Nemtsev, I.Z. 24331
Laptev, G.D. *see* Golovnin, I.V. 28910
Lapucci, A., Canglioli, G. Phase-locked operation of a compact three-slab-sections radiofrequency discharge CO_2 laser 43716
Lapucci, A., Quercioli, F., Jafrancesco, D. Optimal phase filtering for high-power laser array far-field distribution 3731
Lapucci, A. *see* Meucci, R. 28693
Lapucha, D., Huff, M. Multisite real-time DGPS system using satellite data link: operational results 46143
Lapushkin, S.V. *see* Amelin, A.I. 7287
Lara, S.De *see* De Lara, S.
Laraocque, R. *see* Laroche, C. 16091
Larason, T.C. *see* Houston, J.M. 23605
Larat, C. *see* Feugnet, G. 20750
Laratta, A. *see* Galligani, E. 41120
Larbalestier, D.C. *see* Cooley, L.D. 35258
Larchenko, Yu.V. *see* Yerokhovets, V.K. 28438
Larchenko, Y.V. *see* Yerokhovets, V.K. 11801
Lardelli, S., Staufert, G., Jutz, J. Attenuation of a 850 nm laser beam by thin silicon laminas 28496
Lareau, R. *see* McLane, G. 10900
Lareau, R.T. *see* Chi-Hsien Lin 9790
Lareau, R.T. *see* Lee, H.S. 1937
Lareau, R.T. *see* Ravindra, N.M. 10740
Laredo, D., Netzer, D.W. The dominant effect of alumina on nearfield plume radiation 7564
Laresgoiti, I. *see* Abel, E. 39491
Laresgoiti, I. *see* Barandiaran, J. 32460
Laresgoiti, I. *see* Corera, J.M. 32225
Large, D.J. A/B switches: preparing for not-carried local TV stations 46170
Largent, C. *see* Zhuoyu Bao 35765
Lari, F., Zakhor, A. Automatic classification of active sonar data using time-frequency transforms 14732
Lari, F., Zakhor, A. Video compression based on camera motion 29921
Lari, F. *see* Zakhor, A. 13624
Laribee, J.F., Wasz, J.S. Network systems in a global economy: alternative, challenges and recent advances 30273
Larin, Yu.T. *see* Portnov, E.L. 14584
Larionoff, A.E. *see* Kovalev, L.K. 25773
Larionov, A.V. *see* Arapov, L.N. 15283
Larionov, I.M. *see* Ssakharov, S.A. 20099
Larionov, V.P. *see* Borisov, R.K. 15964
Larionov, V.P. *see* Borisov, R.K. 39244
Larionstsev, E.G. Theory of laser mode locking by external active modulation 44037
Larionstsev, E.G. *see* Zolotoverkh, I.I. 44023
Larkin, D.J. *see* Neudeck, P.G. 19751
Larkin, D.J. *see* Neudeck, P.G. 34907
Larkin, I.A., Khanin, Yu.N. Coherent and tandem tunneling in a resonant-tunneling diode with a spacer 42840
Larkin, I.A., Sukhorukov, E.V. Method to investigate the random potential in a quantum point contact 42495
Larkin, J. *see* Zhang, X.-C. 28986
Larkin, R. *see* Choi, S.H. 32739
Larkin, S.Y., Anischenko, S.E., Kamyshin, V.V., Khabayev, P.V. Millimeter-wave band microwave signal spectrum measurement on the basis of the Hilbert transform of Josephson junction function response 15185
Larkins, E.C. *see* Bender, G. 10691
Larkins, E.C. *see* Ralston, J.D. 12149
Larkins, E.C. *see* Ralston, J.D. 12243
Larkins, E.C. *see* Schneider, H. 6484
Larkins, E.C. *see* Schneider, H. 38496
Larkins, E.C. *see* Stohr, A. 28509
Larkins, R. *see* Young, M.R. 24302
Larner, C. *see* Lau, J. 42285
Larner, K. *see* Jianchao Li 47231
Larobina, M. *see* Alfano, B. 15724
Laroche, C., Ross, M.-J., Lefebvre, L., Laraocque, R., Hetu, R., L'Esperance, A. Sound propagation of reverse alarms used on heavy vehicles 16091
Laroche, C. *see* Gosselin, B. 32125
Laroia, R., Tretter, S.A., Farvardin, N. A simple and effective precoding scheme for noise whitening on intersymbol interference channels 21586
Laros, M. *see* Li, Y.X. 10940
Laros, M.A. DSM organizational requirements in a competitive marketplace 7769
LaRosa, C., Collins, H. Thermal test standardization and rating of connector housings 27343
Larose, C. *see* Kashyap, S. 46033
Larose, C. *see* Trueman, C.W. 41221
Larose, G. *see* Chandonnet, A. 3572
Larry, T. *see* Grace, M.P. 44609
Larsen, A.Nylandsted *see* Nylandsted Larsen, A.
Larsen, B. *see* Rosendale, G. 26950
Larsen, B.H. *see* Kaplunenko, V.K. 20184
Larsen, C. *see* Palsdottir, B. 28804
Larsen, C.A. *see* Jagadish, C. 719
Larsen, C.A. *see* Li, G. 33654
Larsen, C.C. Al-La-doped optical amplifier fiber with extremely low hydrogen sensitivity 35763
Larsen, D. *see* Bylsma, B. 15667
Larsen, D.M., Dittberner, K.L., Ekern, R.J., Spellman, P.J., Oxley, J.E. Magnesium battery characterization 17162
Larsen, D.M. *see* Oxley, J.E. 17161
Larsen, E. *see* Rygal, R. 6319
Larsen, E.R. *see* Bunn, D.W. 7888
Larsen, E.V. Thyristor-controlled series compensation—an overview 47432
Larsen, E.V. *see* Urbanek, J. 25605
Larsen, H. *see* O'Shaughnessy, K. 47008
Larsen, J. Results of the European Detailed Spectrum Investigation 3.4-105 GHz 23255
Larsen, J. *see* Clausen, T. 42559
Larsen, J.E. *see* O'Brien, M.T. 47465
Larsen, J.G., Dam, N.-E., Jacobsen, C.S., Baerendtsen, H.D., Sommerschield, J.G. Plates of melt-textured $YBa_2Cu_3O_{7-x}$ superconductors with long crystals 2878
Larsen, M.F. *see* Chilson, P.B. 39376
Larsen, M.F. *see* Palmer, R.D. 7616
Larsen, P. *see* Shelton, P. 7776
Larsen, P.K. *see* De Keijser, M. 33746
Larsen, P.K. *see* Taylor, D.J. 35193
Larsen, P.K. *see* van Glabbeek, J.J. 28324
Larsen, P.K. *see* Myers, E.R. *(editor)* 26053
Larsen, S.T., Ong-Hall, C.L., Stephenson, P.L. Cable rating methods applied to a real-time cable system monitor 16368
Larsen, S.T. *see* O'Shea, M.E. 16367
Larsen, T. *see* Raskmark, P. 24340
Larsen, T.L., Woodard, F.E., Pace, S.J. A new tape product for optical data storage 20288
Larsen, U. Satellite restoration of the submarine cable Denmark-Russia 1 45884
Larson, A.R. Unstable resonator modes for lasers with circular mirrors and high Fresnel numbers 12273
Larson, B. *see* Hausser, O. 31645
Larson, C. *see* Zuniga, M. 27971
Larson, C.E. *see* Allen, R.D. 11069
Larson, C.E. *see* MacDonald, S.A. 11073
Larson, C.F. *see* Wallraff, G.M. 27957
Larson, D. Wireless technology: how test fits in 30601
Larson, D. *see* Reinhardt, J. 35379
Larson, D. *see* Zhao, J.H. 2508
Larson, D.A. *see* Baumgartner, W.D. 19107
Larson, D.L. *see* Post, R.F. 23961
Larson, D.R. *see* Phelan, R.J., III 23588
Larson, D.R. *see* Veasey, D.L. 43460
Larson, E.N., Brock, M.J. Development of a single point gold bump process for TAB applications 10597
Larson, K. *see* Dunn, J.M. 19113
Larson, L., Jelloian, L., Rosenbaum, S., Schmitz, A., Thompson, M., Lui, M., Nguyen, L., Mishra, U. Manufacturing study of yield and performance dependence on gate length of submicron AlInAs-GaInAs HEMTs 34239
Larson, L. *see* Lam, W. 19120
Larson, L.A., Keenan, W.A., Johnson, W.H. A sheet resistance standard for ion implant 2027
Larson, L.E. *see* Brown, J.J. 27203
Larson, L.E. *see* Matloubian, M. 1503
Larson, L.E. *see* Matloubian, M. 28189
Larson, L.E. *see* Matloubian, M. 42211
Larson, L.E. *see* Rosenbaum, S.E. 1635
Larson, L.R., Sturett, M., Tindell, L. Optimizing the laser trim process window for CrSi thin film resistors on silicon within hybrids 19246
Larson, M.C. *see* Lord, S.M. 3165
Larson, M.C. *see* Trezza, J.A. 11678
Larson, M.C. *see* Trezza, J.A. 20397
Larson, M.C. *see* Trezza, J.A. 20404
Larson, R.W. *see* Johnson, G.E. 1646
Larson, V. *see* Stewart, C. 23091
Larsson, A. *see* Rich, D.H. 34559
Larsson, A.G. *see* Eriksson, N. 28882
Larsson, A.G. *see* Hagberg, M. 12135
Larsson, A.G. *see* Hagberg, M. 43838
Larsson, A.G. *see* Kjellberg, T. 28871
Larsson, A.G. *see* Kjellberg, T. 43925
Larsson, A.M., Meitzler, C.R. Performance of a BNL-type H^- ion source with circular permanent magnet cusps 46814
Larsson, A.M. *see* Antes, K.J. 7134
Larsson, B. *see* Pettersson, O.A. 7340
Larsson, C.U.S., Beutler, A., Bjorneholm, O., Federmann, F., Hahn, U., Rieck, A., Verbin, S.,

Moller, T. First results from the high resolution XUV undulator beamline BW3 at HASYLAB 31806
Larsson, J. *see* Svanberg, S. 28770
Larsson, M., Ekberg, M., Nikolajeff, F., Hard, S. Successive development optimization of resist kinoforms manufactured with direct-writing, electron-beam lithography 44148
Larsson, M. *see* Nikolajeff, F. 12459
Larsson, P., Svensson, C. Measuring high-bandwidth signals in CMOS circuits 2652
Larsson, P. *see* Yuan, J.-R. 18584
Larsson, R., Folkesson, B., Lindblad, T., Rebenstorf, B., Trankell, K., Widelov, A. Semi-Homogeneous Analogues to the Electrochemical Oxidation of Methanol [in fuel cells] 17295
Larsson, S. *see* Rutkis, M.A. 12358
Larsson, S.A., Kimiaei, S., Ribbe, T. Simultaneous SPECT and CT with shutter controlled radionuclide sources and parallel collimator geometry 15744
LaRue, A. *see* Piepho, J. 8122
LaRue, G.S. *see* Gossett, C.A. 34070
LaRue, W.W. *see* Schaffer, S.J. 37545
Laruelle, F., Faini, G. Thermally deactivated resonant current in high peak to valley current ratio (69:1) GaAs/GaAlAs resonant tunneling structures: a spectroscopic view of the emitter density of state 42509
Laruelle, F. *see* Bloch, J. 42496
Larumbe, A.M. *see* Crespo, M.A.R. 12990
Larzabal, P., Clergeot, H. Efficient recursive 'ML' bearing estimation in non stationary context 13252
las Heras, C.De *see* De las Heras, C.
Lasarova, V., Beshkov, G., Gesheva, K.A. Characterization of silicon nitride films deposited onto silicon 9717
Lascaray, J.P. *see* Haidoux, A. 9567
Lascaray, J.P. *see* Stoehr, M. 9645
Laschuk, A. *see* de Bastos, R.M.R. 12453
Lasenby, J., Fitzgerald, W.J. Entropic Volterra classifier (EVC) for use in data classification 29786
Lasewicz, P.T. *see* Rueger, L.J. 10003
Lasewicz, P.T. *see* Rueger, L.J. 20086
Lasgouttes, J.-M. *see* Bremaud, P. 478
Lash, A.A. *see* Bityurin, V.A. 25712
Lash, J.S., Gilgenbach, R.M. Copper vapor laser drilling of copper, iron, and titanium foils in atmospheric pressure air and argon 12503
Lashgari, A. Electric vehicle infrastructure market sustaining demand 40619
Lasiecka, I. *see* Bales, L. 18087
Lasiecka, I. *see* Hendrickson, E. 26374
Laska, J.E., Jr. *see* Teti, J.G., Jr. 23197
Laska, L., Krasa, J. Experimental determination of pyrolysis limit in pumping the iodine photodissociation laser 12009
Laskar, J., Bautista, J.J., Fujiwara, B., Scherrer, D., Feng, M. Low noise device and amplifier characterization for deep space communication applications 5858
Laskar, J., Nottenburg, R.N., Baquedano, J.A., Levi, A.F.J., Kolodzey, J. Forward transit delay in $In_{0.53}Ga_{0.47}As$ heterojunction bipolar transistors with nonequilibrium electron transport 19071
Laskar, J., Nottenburg, R.N., Levi, A.F.J. Forward transit delay in $In_{0.53}Ga_{0.47}As$ heterojunction bipolar transistors with nonequilibrium electron transport 28097
Laskar, J. *see* Moll, N. 35032
Laskawiec, J. *see* Gaglia, B.N. 39940
Laskey, W.E. *see* Sehgal, C.M. 7399
Laskowski, E.J. *see* Chirovsky, L.M.F. 20491
Laskowski, J. *see* Borkowska, R. 8735
Lasky, F.P. *see* Schell, C.M. 40434
Lasky, R.C. *see* Clement, D.P. 43436
Laslau, F. *see* Negut, G. 39880
Laslett, L.J. *see* Fawley, W.M. 31563
Lasmin, S. *see* Irons, F.H. 18830
Lasne, C. *see* Bonicel, J. 5997
Lassabatere, L. *see* Bertru, N. 41323
Lassagne, P. *see* Billon, T. 28156
Lassahn, M., Trenkler, G. A multi-channel magnetometer for field structure measurement based on time encoded flux-gate sensors 6741
Lassen, C. *see* Haskell, B. 33377
Lassen, H.E. *see* Olesen, H. 35816
Lassen, P.S., Long, S.I., Nary, K.R. Ultralow-power GaAs MESFET MSI circuits using two-phase dynamic FET logic 10100
Lasserre, J.L. *see* Lecointe, D. 29283
Lasseter, R.H. *see* Chandorkar, M.C. 16965
Lasseter, R.H. *see* Johnson, B.K. 32391
Lasseur, J. Use of electronic components in high temperature environments: the oil exploration industry issue 23531
Lassic, I. *see* Zavracky, P.M. 19464
Lassing, P. *see* Kaan, A.P. 6928
Lassing, P. *see* van der Linden, A. 15405
Lassing, P. *see* van der Linden, A. 15567
Last, D., Searle, M., Farnworth, R. The North-West European Loran C systems: coverage and performance predictions 46140
Last, D., Yi, B. Carrier-wave interference to Loran-C: a statistical evaluation 23110
Last, D. *see* Searle, M. 6163
Last, J.D. *see* Warner, E.S. 46133
Laszlo, C.A. *see* Qiaobing Xie 29887
Lataire, P. What is it necessary to teach about electric drives? 33099
Lataire, P. *see* Jones, R. 9028
Lataire, P. *see* Lecocq, D. 17475
Lataire, P. *see* Lecocq, D. 40508
Lataire, P. *see* Van Muylem, H. 48288
Lateef, K. *see* Choudhry, M.A. 47400
Latenko, V.I. *see* Bolkova, E.D. 31435
Latham, P.E., Nusinovich, G.S. Modeling relativistic gyroklystron amplifiers 1783
Latham, P.E. *see* Lawson, W. 6872
Latham, R.V., Abbot, A., Chalmers, I.D., Xu, N.S. Optical studies of surface flash-over 28296
Latham, W.P. Coupled chemical lasers 11990
Latif, A. *see* Peng, G.D. 35302
Latinskiy, S.M. Analysis of the effect of the parameters of the sum-difference converter of a single-pulse direction finder on the accuracy of the angular coordinates of a target 23153
Latiolais, P. *see* Chambers, B. 313
Latiolais, P. *see* Chambers, B. 9250
Latombe, J.-C. *see* Schweikard, A. 47120
Latorella, K.A., Gramopadhye, A.K., Prabhu, P.V., Drury, C.G., Smith, M.A., Shanahan, D.E. Computer-simulated aircraft inspection tasks for off-line experimentation 7530
Latoszynski, P. *see* Boes, P. 5689
Latour, Y. *see* Beauchemin, R. 25565
Latrasse, C. *see* de Labachelerie, M. 3657
Latrasse, C. *see* Dimarcq, N. 28837
Latreche, A. *see* Bensalem, A. 24881
Lattarulo, F. *see* Amoruso, V. 12515
Lattarulo, F. *see* Amoruso, V. 29087
Latter, T.D.T. Measurement of coating thickness via micro-resistance 15195
Lattimer, R.H., Crichton, J.D.A. The selection and application of a 6 MW variable speed cage induction motor drive 9073
LaTulipe, D.C. *see* Hartney, M.A. 11033
LaTulipe, D.C. *see* Hartney, M.A. 11072
Latuszek, A. Ultrasonic method of yielding the soldering alloy emulsion in colophony 16080
Latypov, A.F. *see* Vasilyev, E.N. 25844
Latyshev, A.B. *see* Vinogradov, E.A. 28350
Latyshev, L. System analysis of global space power problem 32014
Latyshev, Yu.I. *see* Alekseevskii, N.E. 20178
Lau, A., Sebele, M.G. Statistical quality control procedures for the establishment and continuous validation of on-line process analyzer capability 26216
Lau, C.K., Lin, C.-H., Packwood, D.L. Submicron BiCMOS process design for manufacturing 11329
Lau, F.C.M., Deeley, E.M. Waveform relaxation analysis of cascaded transmission lines 41611
Lau, H.K., Liu, P.C.K., Li, K.C. Hand-off analysis for an integrated satellite and terrestrial mobile system over a fading channel 37807
Lau, J., Erasmus, S. Reliability of fine pitch plastic quad flat pack leads and solder joints under bending, twisting, and thermal conditions 326
Lau, J., Erasmus, S. Review of packaging methods to complement IC performance 17838
Lau, J., Golwalkar, S., Boysan, P., Surratt, R., Forhringer, R., Erasmus, S. Solder joint reliability of a thin small outline package (TSOP) 10561
Lau, J., Miremadi, J., Gleason, J., Haven, R., Ottoboni, S., Mimura, S. No clean mass reflow of large plastic ball grid array packages 42296
Lau, J., Pao, Y.-H., Larner, C., Govila, R., Twerefour, S., Gilbert, D., Erasmus, S., Dolot, S. Reliability of 0.4 mm pitch, 256-pin plastic quad flat pack no-clean and water-clean solder joints 42285
Lau, J.C. *see* Bjorndahl, W.D. 41029
Lau, J.H. Closed-form solutions for the large deflections of curved optical glass fibers under combined loads 3073
Lau, J.H.K., Tayal, M., Nadeau, E., Pettigrew, M.J., Oldaker, I.E., Teper, W., Wong, B., Iglesias, F. Darlington N12 investigation modelling of fuel bundle movement in channel under pressure pulsing conditions 32624
Lau, K. *see* Liu, T.M. 20025
Lau, K. *see* Pepeljugoski, P. 43949
Lau, K.-C. *see* Wan, A.W.L. 16016
Lau, K.L. *see* Georges, J.B. 30586
Lau, K.M. *see* Liou, J.C. 1390
Lau, K.Y., Gee, C.M., Chen, T.R., Bar-Chaim, N., Ury, I. Signal-induced noise in fiber-optic links using directly modulated Fabry-Perot and distributed-feedback laser diodes 11585
Lau, K.Y., Georges, J.B. On the characteristics of narrow-band resonant modulation of semiconductor lasers beyond relaxation oscillation frequency 3623
Lau, K.Y. *see* Buckman, L.A. 28867
Lau, K.Y. *see* Georges, J.B. 30752
Lau, K.Y. *see* Georges, J.B. 45967
Lau, K.Y. *see* Pepeljugoski, P.K. 35856
Lau, K.Y. *see* Solgaard, O. 12092
Lau, K.Y. *see* Solgaard, O. 43881
Lau, K.Y. *see* Wilson, G.C. 12222
Lau, M., Okagaki, T. Applications of the phase transition theory in visual recognition and classifications 45216
Lau, M.Y., Tai, K.L., Frye, R.C., Saito, M., Bacon, D.D. A versatile, IC process compatible MCM-D for high performance and low cost applications 331
Lau, M.Y. *see* Frye, R.C. 35054
Lau, P., Papanikolopoulos, N.P., Boley, D.L. Gabor-QR decomposition for image encoding 21938
Lau, S. A top-down design methodology for large ASICs 26915
Lau, S.D. *see* Risk, W.P. 3832
Lau, S.D. *see* Risk, W.P. 11673
Lau, S.D. *see* Risk, W.P. 12220
Lau, S.F. *see* Wong, E.M.C. 5816
Lau, S.P., Marshall, J.M., Dyer, T.E., Hepburn, A.R., Davies, J.F. a-SiC:H thin film visible light-emitting diodes with highly conductive wide band gap a-SiC:H as the carrier injection layers 28665
Lau, S.S. *see* Haynes, T.E. 27633
Lau, S.S. *see* Haynes, T.E. 34678
Lau, S.S. *see* Tseng, W.F. 713
Lau, S.S. *see* Yu, L.S. 28823
Lau, S.S.Y. Global image enhancement using local information 29878
Lau, W.-c., Li, S.-q. Traffic analysis in large-scale high-speed integrated networks: validation of nodal decomposition approach 5173
Lau, W.H. *see* Chan, C.F. 4572
Lau, W.M. *see* Bello, I. 42697
Lau, W.M. *see* Huang, L.J. 10878
Lau, W.M. *see* Landheer, D. 42717
Lau, W.W. *see* Lu, Z.H. 42948
Lau, Y.Y. *see* Colombant, D.G. 19300
Lau, Y.Y. *see* Ganguly, A.K. 27419
Lau Buon Sing *see* Buon Sing Lau
Lau Ming-kong *see* Ming-kong Lau
Laub, A.J. *see* Kenney, C.S. 41161
Laubacher, D.B. *see* Shen, Z.-Y. 1576
Laube, G. *see* Baums, D. 3842
Laube, G. *see* Haisch, H. 12164
Laube, G. *see* Hildebrand, O. 45948
Laube, G. *see* Lach, E. 28877
Laube, G. *see* Schilling, M. 12171
Laube, S.J.P., Stark, E.F. Feedback control of pulsed laser deposition processes 18290
Laube, S.J.P. *see* Stark, E.F. 26489
Laubenbacher, C., Rothley, J., Sitomer, J., Beanlands, R., Sawada, S., Sutor, R., Muller, D., Schwaiger, M. An automated analysis program for the evaluation of cardiac PET studies: initial results in the detection and localization of coronary artery disease using nitrogen-13-ammonia 24249
Lauber, A. On the importance of a good workplace environment for industrial measurement quality 46270
Lauber, W.R., Bertrand, J.M. VLF propagation measurements in the Canadian Arctic 4127
Laubereau, A. *see* Laenen, R. 20976
Lauby, M.G. *see* Adler, R.B. 47543
Lauby, M.G. *see* Hsiao-Dong Chiang 32288
Laudat, F. *see* Sestakova, V. 27654
Laudato, D. *see* Barabino, M. 32654
Laude, J.P. *see* Hood, K.J. 6052
Laude, V., Maze, S., Chavel, P., Refregier, P. Amplitude and phase coding measurements of a liquid crystal television 3209
Laude, V. *see* Refregier, P. 45145
Lauder, R.D.T., Carter, J.N., Hanna, D.C., Tropper, A.C., Pask, H.M., Davey, S.T., Szebesta, D. Efficient amplification in the first telecommunications window 3549
Laudon, M.F., Laird, D.L., Engelstad, R.L., Cerrina, F. Mechanical response of X-ray masks 27858
Laudon, M.F. *see* Laird, D.L. 27985
Lauer, E.J., Barnard, J.J., Hewett, D.W., Kulke, B., Yu, S.S. Model experiment to search for emittance gain of recirculating heavy ion beam 23987
Lauer, E.J. *see* Sampayan, S.E. 34469
Lauer, G.S. IN architectures for implementing universal personal telecommunications 45818
Lauer, J.L. *see* Vlcek, B.L. 20149
Lauer, S. *see* Wolf, H. 42631
Lauf, R.J., Bible, D.W., Johnson, A.C., Everleigh, C.A. 2 to 18 GHz broadband microwave heating systems 25936
Laufer, E. *see* Nimberger, A. 17188
Laufer, R., Meiss, M., Reuter, E., Teschner, H.-G. Innovative steps in network management technique—three generations of data processing at Elektromark 16200
Lauger, D. *see* Staufert, G. 31204
Laughton, D., Free, C. Indoor propagation measurements at 2.45 GHz and 17 GHz 29167
Laughton, F.R., Marsh, J.H., Button, C. Antiguided laser array structure at 1.48 μm fabricated without overgrowth 35831
Laughton, F.R. *see* Marsh, J.H. 12253
Laughton, F.R. *see* Williams, K.A. 35838
Laughton, M. *see* Stagg, G.W. 47419
Laughton, M.A. Fuzzy systems theory and its applications to power systems 24885
Laugier, A. *see* Kadoun, A. 19350
Laugier, J. *see* Rossner, U. 41376
Laugier, P., Berger, G. Experimental results of ultrasonic monitoring of cryotherapy on in vitro skin samples of domestic pig 7396

Laugier, P. *see* Abouelkaram, S. 7673
Laulier, G. *see* Marteau, C. 1772
Launay, F. *see* Degueurce, L. 7102
Launay, P. *see* Alexandre, F. 42882
Launey, W.de *see* de Launey, W.
Launks, W. *see* Allard, J.F. 41532
Launois, H. *see* Aniel, F. 1499
Launois, H. *see* Chen, Y. 28031
Launois, H. *see* Haghiri-Gosnet, A.M. 28214
Laur, H. *see* Lopes, A. 6136
Laur, J.P. *see* Sanchez, J.-L. 1036
Laur, R. *see* Feng-Ming Yang 41950
Laur, R. *see* Wolter, S. 18815
Laura, P.A.A., Rossit, C.A., Bambill, D.V. Comments on 'A procedure defining behavior of weight functions near the edge for best convergence using the Galerkin method' by P.S. Fridberg and I.M. Yakover 578
Laurell, F. Stable blue second-harmonic generation in a KTP waveguide with a diode laser in an external cavity 3847
Laurell, F. *see* Helmfrid, S. 21008
Laurendeau, D. *see* Hebert, P. 22214
Laurendeau, D. *see* Methot, F. 7323
Laurendeau, D. *see* Tremblay, M. 23707
Laurendeau, D. *see* Tremblay, M. 38568
Laurendine, C. *see* Luik, I. 48168
Laurens, A. *see* Duchet, M. 32009
Laurens, J.E.K. *see* Oughstun, K.E. 44311
Laurens, M. *see* Vinet, F. 2367
Laurenson, D.I., McLaughlin, S., Sheikh, A.U.H. Characterisation of the indoor mobile channel using a ray tracing model 5794
Laurent, A., Gary, F., Cajal, D., Velleaud, G., Mercier, M. A magnetic camera for studying the electric breaking-arc 17105
Laurent, B. *see* Bayle, F. 39967
Laurent, C., Chauvet, C., Berdala, J. The significance of the Weibull threshold in short-term breakdown statistics 43219
Laurent, C. *see* Donazzi, F. 43220
Laurent, C. *see* Hadid, A. 43210
Laurent, C. *see* Jonsson, J. 43191
Laurent, J.-M., Quere, R. French nuclear power plants: operating results 25124
Laurent, J.-M. *see* Bojon, J.-P. 15310
Laurent, J.-M. *see* Dutta, J. 33675
Laurent, J.P. A proven policy for spent fuel management 39849
Laurent, N. *see* Fiore, A. 31212
Laurent, P., Gabsi, M., Multon, B. A new indirect rotor position sensing with resonant method for switched reluctance motor 40127
Laurent, P., Gabsi, M., Multon, B. Comparison of electromagnetic perturbations and switching losses between self-switching and PWM mode of current control in a switched reluctance motor 40128
Laurent, Ph. *see* Clairon, A. 6300
Laurent, Ph. *see* Zondy, J.J. 3452
Laurent-Lund, C. *see* Moller, B.A. 43500
Laurenti, G. *see* Crotty, I. 31774
Laurentini, A. The visual hull concept for silhouette-based image understanding 36998
Lauret, H. *see* Scotti, C. 1868
Lauria, D. *see* Gagliardi, F. 16129
Laurich, B.K. *see* Yang, K. 718
Laurillard, D. *see* Stratfold, M. 38347
Laurin, J.-J., Balmain, K.G., Zaky, S.G. Modeling of field-exposed digital circuits for the prediction of EMI immunity 36260
Lauritsen, J. *see* Kirby, S. 23410
Lauritsen, T. *see* Davids, C.N. 24115
Lauritzen, P.O. *see* Ma, C.L. 2436
Lauritzen, P.O. *see* Ma, C.L. 34880
Lauro, A. *see* Agnetta, G. 31780
Laursen, K., Hertling, D., Berry, N., Bidstrup, S.A., Kohl, P., Arroz, G. Measurement of the electrical properties of high performance dielectric materials for multichip modules 6738
Laursen, O. *see* de Silva, J.R. 47473
Laursen, P. Event detection on patient monitoring data using causal probabilistic networks 38961
Lautala, P. Model predictive control for a hydro electric power plant chain 8233
Laute, A., Blau, K. On the improvement of the signal-to-noise ratio in systems receiving circular waves 45768
Lautenberg, W.J. *see* Kotzias, B.D. 309
Lauterbach, T. *see* Pletschen, W. 2457
Lauterwasser, C. *see* Hamm, P. 20994
Lautzenhiser, J.L. *see* Pagoria, D.D. 17159
Lauwereins, R. *see* Bilsen, G. 18755
Lauwerens, W. *see* Tsvetkova, T. 27661
Lauwers, A., Schreutelkamp, R.J., Brijs, B., Bender, H., Maex, K. Technological aspects of epitaxial $CoSi_2$ layers for CMOS 19627
Lauwers, A. *see* Maex, K. 10879
Lauwers, A. *see* Schreutelkamp, R.J. 19646
Laux, S.E. *see* Frank, D.J. 19867
Laux, W. *see* Boggasch, E. 7018
Laux, W. *see* Tauschwitz, A. 7017
Lauxtermann, S. *see* Bertuccio, G. 31788
Lauzon, J. *see* Thibault, S. 43441
Lavacher, F.K. *see* Bruggendieck, S. 19179
Lavagetto, F., Zappatore, S. Adaptive vector quantization for fixed bit-rate videocoding 22064
Lavagetto, F. *see* Braccini, C. 5400
Lavagetto, F. *see* Cocurullo, F. 13783
Lavagetto, F. *see* Moresco, M. 22194
Lavagno, L., Shenoy, N., Sangiovanni-Vincentelli, A. Linear programming for hazard elimination in asynchronous circuits 41604
Lavagno, L. *see* Yakovlev, A. 26860
Lavainne, F. *see* Ni, Y. 1347
Lavalette, G.M.de *see* de Lavalette, G.M.
LaValle, S.M., Hutchinson, S.A. Representing probability distributions of image segments and segmentations 22277
LaValle, S.M., Moroney, K.J., Hutchinson, S.A. Methods for numerical integration of high-dimensional posterior densities with application to statistical image models 29873
Lavallee, S. *see* Bittar, E. 30048
LaValva, M. *see* Chihoub, A. 46341
Lavanchy, H. *see* Aguet, M. 25069
Lavareda, G. *see* Fortunato, E. 31307
Lavareda, G. *see* Fortunato, E. 31313
Lavareda, G. *see* Fortunato, E. 38520
Lavareda, G. *see* Vieira, M. 33031
Lavareda, G. *see* Vieira, M. 40491
Lavarias, A.C. *see* Namkung, J.S. 6545
Lavelle, S.W. Analytic expressions for the field dependent tunnelling attenuation factor in thin insulators 19468
Lavene, B. *see* Binder, M. 10535
Lavenier, D. An integrated 2D systolic array for spelling correction 1245
Lavenne, F. *see* Cinotti, L. 7341
Laver, J. Repetition and re-start strategies for prosody in text-to-speech conversion systems 4505
Laver, J. *see* Hiller, S. 9153
Laver, J. *see* Hiller, S. 29521
LaVerne, J.A. *see* Hitachi, A. 38882
Lavers, C.R., Ault, B.J., Wilkinson, J.S. Characterization of secondary silver ion exchange in potassium-ion-exchanged glass waveguides 28484
Lavers, D. *see* Gyimesi, M. 44209
Lavers, J.D. Electromagnetic field computation in power engineering 44207
Lavers, J.D. *see* Jin, H. 8530
Lavers, J.D. *see* Namjoshi, K.V. 44238
Lavers, J.D. *see* Shao, K.R. 44243
Laverty, S.J. *see* Liu, J.S. 41406
Lavery, W., Everitt, D. Engineering simulation of cellular mobile communication systems using database management fourth generation languages 22829
Lavest, J.-M., Rives, G., Dhome, M. Three-dimensional reconstruction by zooming 4801
Lavezzaro, L. *see* Attardo, F. 44436
Lavielle, M. Bayesian deconvolution of Bernoulli-Gaussian processes 13542
Lavigne, A.Peyre *see* Peyre Lavigne, A.
Lavigne, N. The challenge for American manufacturing 215
Lavine, C.H. *see* Profet, K.J. 45466
Lavine, J.M. *see* Dumford, S.A. 42795
Lavine, J.P. *see* McColgin, W.C. 2685
Lavine, T. *see* Ruth, R.D. 46776
Lavine, T.L. Review of pulsed RF power generation 6920
Lavine, T.L. *see* Kroll, N.M. 15668
Lavoie, D.C., Holbrook, B.P., Cammuso, J.A., Coughlin, T.L. Upper rear steam drum replacement at Wisconsin Electric Power Company's Port Washington Station Units 2, 3, and 4 16634
Lavoie, J.-J. *see* Bouchard, P. 18445
Lavoro, E. *see* Carosi, M. 22940
Lavrent'eva, I.M. *see* Nesmelova, I.M. 15235
Lavrent'eva, M.Yu. *see* Borodulina, L.K. 40078
Lavrentyev, A.I. *see* Rokhlin, S.I. 906
Lavretsky, E.I. Taking into account the edge condition in the problem of scattering from the circular aperture in circular-to-rectangular and rectangular-to-rectangular waveguide junctions 36308
Lavrov, A.M. *see* Kirillov, V.G. 25771
Lavrov, A.M. *see* Zubtzov, V.M. 25823
Lavrov, V.Ya., Kirpanev, A.V. Identification of an electromagnetic field in a cylindrical layer 29086
Lavrova, Z. *see* Budagov, J. 46955
Lavrovskii, S.D. *see* Skorynin, Yu.V. 38382
Law, A.M., McComas, M.G. Simulation software for communications networks: the state of the art 37269
Law, B. *see* Williams, K. 45634
Law, E.-B. Distributive video services support for the broadband ISDN 30532
Law, E.B. Switched video services and the integration of IN and B-ISDN 37618
Law, H.H., Mattoe, C.A., Thomson, J., Jr., Smith, T.E., Zappulia, R. Robust-design of a metallization process for ceramic substrates 34456
Law, J. Correlations of image assessments using a simple 'realistic' phantom and radiologists' assessments from a phantom with simulated microcalcifications and breast tissue 15795
Law, J., Faulkner, K. A critical comparison of five different mammographic phantoms under different radiographic conditions 15793
Law, J. *see* Faulkner, K. 15794
Law, J.R., McFadden, T.J. Training and evaluating team process skills in the commercial aviation environment 152
Law, K.-K., Babic, D.I. Effect of layer thickness variations on propagation delay and penetration depth of a quarter-wave distributed Bragg reflector 43498
Law, K.-K., Whitehead, M., Merz, J.L., Coldren, L.A. High performance quantum well asymmetric Fabry-Perot reflection modulators: effect of layer thickness variations 3145
Law, K.-K. *see* Floyd, P.D. 43880
Law, K.-K. *see* Zou, W.-X. 12203
Law, K.W., Chan, C.F. Trellis in-loop PARCOR coefficients quantiser for speech signals 4469
Law, L.T. *see* Chow, T.S.W. 8280
Law, M.E. *see* Frank, C.X. 34685
Law, M.E. *see* Giles, M.D. 28245
Law, M.E. *see* Heemyong Park 42640
Law, M.E. *see* Lin, C.-C. 10801
Law, V.J., Tewordt, M., Clary, D.C., Jones, G.A.C. 300 kHz pulse plasma etching of GaAs using a mixture of $ClCH_3$ and H_2 27743
Law, V.J. *see* Tewordt, M. 42525
Law, W.-o. *see* Astrachan, P. 1263
Law Kwok-Wah *see* Kwok-Wah Law
Lawandy, N.M. *see* Bernardin, J.P. 12376
Lawandy, N.M. *see* Driscoll, T.J. 21086
Lawandy, N.M. *see* Driscoll, T.J. 44052
Lawandy, N.M. *see* MacDonald, R.L. 2948
Lawangar-Pawar, R.D. *see* Nandagawe, J.K. 3324
Laway, N.A., Gupta, H.O. Integrated software for optimal directional overcurrent relay coordination 32458
Laway, N.A., Gupta, H.O. A method for coordination of overcurrent relays in an interconnected power system 39650
Lawer, S. *see* Atkins, J.W. 14177
Lawes, R.A. Future developments for optical mask technology 27997
Lawes, R.A. Laser and electron beam based LIGA processes 42804
Lawes, R.A. *see* Herman, P. 28013
Lawes, R.A. *see* Liu Han-ying 28004
LaWhite, N. *see* Chedid, R. 32806
Lawick van Pabst, J.van *see* van Lawick van Pabst, J.
Lawin, H. *see* Dietrich, J. 7097
Lawler, J.E. *see* Childs, M.A. 41455
Lawler, J.S. *see* McCleer, P.J. 16816
Lawless, K.J. *see* Manchao Xiao 19219
Lawless, K.L. *see* Xiao, M. 34410
Lawless, W.N., Clark, C.F. Survey of dielectrics at 2 K for signal-conditioning capacitors 34289
Lawlor, R. *see* Yan, J. 13721
Lawnickzak, D. *see* Bisseling, J.T. 37752
Lawrance, W., Michalik, G., Mielczarski, W. Simulation of 3rd harmonic current injection in a three phase transformer supplying a six pulse bridge rectifier 40350
Lawrance, W.B., Nafalski, A. Current rends in teaching electrical machines 40825
Lawrance, W.B., Wichert, B. A versatile PV module simulation model based on PSI/e 33070
Lawrence, B. *see* Torruellas, W. 44107
Lawrence, B.G., Cambrell, G.K. A comparison of formulations and post-processing in the finite element analysis of passive microwave devices 1488
Lawrence, B.G., Cambrell, G.K. A comparison of the magnetic and electric field formulations and their postprocessing functionals in the finite element analysis of passive microwave devices 18990
Lawrence, B.L., Cha, M., Kang, J.U., Toruellas, W., Stegeman, G., Baker, G., Meth, J., Etemad, S. Large purely refractive nonlinear index of single crystal P-toluene sulphonate (PTS) at 1600 nm 44056
Lawrence, C.M. *see* Levell, N.J. 7375
Lawrence, D.A. *see* Glenn, R.D. 47190
Lawrence, D.H. *see* Awcock, G.J. 13841
Lawrence, E.J. *see* Hughes, R.D. 21890
Lawrence, G.N. *see* Lin, Y. 35944
Lawrence, G.N. *see* Sweatt, W.C. 27816
Lawrence, G.P. *see* Jameson, R.A. 6915
Lawrence, J., Anido, G., Bradlow, H. Quantifying traffic synchronisation in signalling networks 37097
Lawrence, J.D. *see* Griffin, A.J., Jr. 42769
Lawrence, M. *see* Knight, D.J.E. 6294
Lawrence, M. *see* Knight, D.J.E. 6295
Lawrence, M. *see* Ogawa, S. 10757
Lawrence, M.H. *see* Tuck, E.F. 30336
Lawrence, M.H. *see* Tuck, E.F. 45483
Lawrence, P. *see* Usher, J. 38013
Lawrence, R.P. *see* Padin, S. 14742
Lawrence, V.B. *see* Ahamed, S.V. 5633
Lawrenson, P.J. *see* Fulton, N.N. 40612
Lawrie, R.J. On-site power slashes plant power bill 9019
Lawrie, R.J. Adjustable-frequency drives slash water company power bills 40683
Laws, E.M., Ouazanne, A.K. Compact installations for differential flowmeters 46683
Laws, K.E. *see* Barber, W.C. 20196
Lawson, C.M., Michael, R.R. Fiber optic low-coherence interferometry for non-invasive silicon wafer characterization 46460

Lawson, C.M., Michael, R.R., Salazar, R.A., Harmony, D.W., Finn, G.M. OTDR characterization of the minimum reflection signature from PMMA fiber splices 3044
Lawson, J.A. Motor bearing fluting 9053
Lawson, J.K., Dixit, S.N., Eimerl, D., Henesian, M.A., Manes, K.R., Morgan, A.J., Powell, H.T., Thomas, I.M., Trenholme, J.B., Woods, B.W. Phase screens for the control of the focal irradiance of the Nova laser 35948
Lawson, J.K. *see* Dixit, S.N. 44160
Lawson, J.R. Continuous improvement after six-sigma 33418
Lawson, L. Flux maximization techniques for Compton backscatter depth profilometry 41516
Lawson, M. *see* Noore, A. 5610
Lawson, N.J., Halliwell, N.A., Coupland, J.M. Particle image velocity: image labelling using dynamic encoding of the point spread function 12492
Lawson, P.R. Artifacts in PAPA camera images 46498
Lawson, S. *see* Anderson, M. 42053
Lawson, W. Theoretical mode conversion in overmoded nonlinear coaxial waveguide tapers 36332
Lawson, W., Granatstein, V.L., Hogan, B., Koc, U.-V., Latham, P.E., Main, W., Matthews, H.W., Nusinovich, G.S., Reiser, M., Striffler, C.D., Tantawi, S. Experimental gyroklystron research at the University of Maryland for application to TeV linear colliders 6872
Lawton, D.T. *see* Gardner, W.F. 22224
Lawton, G. Germany's OPAL brings east closer to west 46026
Lawton, M.W. *see* Langstaff, D.P. 46942
Lawton, W. Applications of complex valued wavelet transforms to subband decomposition 44984
Lawton, W. *see* Loe, R.S. 13376
Lax, B., Weiss, J.A., Harris, N.W., Diomne, G.F. Quasi-optical ferrite reflection circulator 42179
Lax, B., Weiss, J.A., Harris, N.W., Dionne, D.F. Quasi-optical reflection circulator 1433
Laxdal, R.E., Joho, W. Longitudinal splitting of bunches in a cyclotron by superposition of different RF harmonics 7016
Laxpati, S.R. *see* Kawalko, S.F. 12580
Lay, U.W. *see* Greenwald, A.C. 9737
Layadi, N., Roca i Cabarrocas, P., Yakovlev, V., Drevillon, B. Study by real time ellipsometry of the growth of amorphous and microcrystalline silicon thin films combining glow discharge decomposition and UV light irradiation 848
Layadi, N. *see* Shirai, H. 41420
Layadi, N. *see* Solomon, I. 27764
Laybourn, P.J.R. *see* Barbarossa, G. 11628
Laybourn, P.J.R. *see* Barbarossa, G. 11629
Laybourn, P.J.R. *see* De La Rue, R.M. 46519
Layman, P.A. *see* McAndrew, C.C. 11212
Laymon, C.M. *see* Wender, S.A. 7232
Layton, C.F., Smith, P.J., McCoy, C.E., Bihari, T.E. An empirical evaluation of computer-based tools to aid in enroute flight planning 24398
Layton, R.W. Gerber basics: a PCB primer—what is the Gerber format, and why do I need it? 27361
Layuan Li *see* Li Layuan
Lazar, A.A. *see* Crutcher, L. 45444
Lazar, A.A. *see* Crutcher, L.A. 14023
Lazar, A.A. *see* Deng, R.H. 30715
Lazar, A.A. *see* Ngoh, L.H. 37583
Lazar, J., Holthouse, T., Parent, D., Garbi, M. Compact, high voltage traveling wave tube power supply for use with multiple primary power inputs and multiple TWT's 47977
Lazar, J., LaCasse, S. Poletop arresters reduce lightning-induced outages 16467
Lazar, J. *see* Fagan, P.J. 9804
Lazar, M.S., Bruton, L.T. The design of compactly supported orthonormal wavelets with integer scaling factors 13356
Lazareff, B. *see* Karpov, A. 30939
Lazarescu, M.F., Manea, A.S. Highly homogeneous polycrystalline HgTe synthesis under pressure 26394
Lazarev, A.G. Generation of a symmetric group by systems of generators: simulation results 9403
Lazarev, N.V. *see* Skachkov, V.S. 15543
Lazarev, V.B. *see* Luyten, W. 33632
Lazarev, V.B. *see* Volkov, V.V. 11134
Lazarev, V.I., Dubinin, Yu.A., Semuseva, V.P., Soroka, M.V. Axial vibrations of transformer windings under a common pressure ring 8486
Lazarev, Yu.V. *see* Lazareva, I.V. 14267
Lazareva, I.V., Lazarev, Yu.V., Tsirik, I.A. Control of the division threshold of the carrying capacity of an integrated communications line 14267
Lazareva, N.N. *see* Slavin, V.S. 25831
Lazaridis, A. Performance of furnace using a microcomputer 140
Lazaro, J.L. *see* Espinosa, F. 28159
Lazaro, J.L. *see* Mazo, M. 40507
Lazaro, J.M. *see* Corera, J.M. 32225
Lazaro Obensa, J.C., Sanz Sanchez, P.T., Gallego Juarez, J.A. Simulation study of piezoelectric transducer by equivalent circuit 43227
Lazarov, M. *see* Eisenhammer, T. 20500
Lazarov, R.D. *see* Pehlivanov, A.I. 9483
Lazarus, M.J., Richardson, J. Control bipolar-transistor output pulse length 34921
Lazauskas, L. *see* Kirke, B.K. 8255
Lazazzera, V.J. *see* Byrd, D.A. 27839
Lazerson, A.G., Shlyakhter, M.Z. Amplification of electron stream noise in the presence of a non-synchronous interaction in O-type traveling-wave tubes 19309
Lazerson, A.G. *see* Gordeyev, A.P. 10632
Laziev, E., Nikogossian, A. Phase synchronism and ultra-short SHF pulses generation in waveguides 21006
Laznovsky, M. *see* Asthana, A. 41787
Lazofson, L.E., Kuzma, T.J. Scene classification and segmentation using multispectral sensor fusion implemented with neural networks 22220
Lazott, C.H. *see* Verly, J.G. 23144
Lazowska, E.D. *see* Rabinovich, M. 45331
Lazowska, E.D. *see* Thekkath, C.A. 30211
Lazowska, E.D. *see* Thekkath, C.A. 30377
Lazutka, A. *see* Zhidovainis, R. 3342
Lazzari, J.L. *see* Grunberg, P. 35836
Lazzari, J.L. *see* Leclercq, J.L. 12209
Lazzari, M. *see* Boglietti, A. 40222
Lazzarini, L., Franzosi, P., Norman, C.E., Salviati, G., Bertone, D. Atomic layer epitaxy growth and characterization of InP/GaAs 691
Lazzarini, L. *see* Attolini, G. 41295
Lazzarini, L. *see* Bocchi, C. 2028
Lazzarini, L. *see* Salviati, G. 693
Lazzaro, P. *see* Dionisi, S. 14063
Lazzaro, P.Di *see* Di Lazzaro, P.
Lazzouni, M. *see* Gergam, E. 2032
Le, H.Q., Goodhue, W.D., Maki, P.A., di Cecca, S. Diode-laser-pumped InGaAs/GaAs/AlGaAs heterostructure lasers with low internal loss and 4-W average power 3624
Le, H.Q., Turner, G.W., Eglash, S.J., Choi, H.K., Coppeta, D.A. High-power diode-laser-pumped InAsSb/GaSb and GaInAsSb/GaSb lasers emitting from 3 to 4 μm 20859
Le, H.Q. *see* Alexander, S.B. 6055
Le, H.T., Wegman, E.J. A spectral representation for the class of band-limited functions 13233
Le, J., Gevins, A. Method to reduce blur distortion from EEG's using a realistic head model 15839
Le, K.D. *see* Jackson, T.M. 39914
Le, M. *see* Nguyen, L. 1526
Le, M.V. *see* Matloubian, M. 28189
Le, T. *see* Lakshmikumar, K.R. 37862
Le, T. *see* Ross, W.E. 28533
Le, T.T., Mainz, D.L., Torres, R., Kinney, J., Glenn, B., Hoang, H.H. Investigation of latch-up phenomenon in sea-of-gate ASIC devices 20011
Le, T.T. *see* Darveniza, M. 47922
le Baron, T. *see* Fauquembergue, P. 24917
le Bars, D. *see* Cinotti, L. 7341
Le Bars, J., Kircher, F. New devices for the magnetic center location of quadrupole magnets 15544
Le Bars, J. *see* Granier, M. 15547
Le Bars, M., Leroy, P. Technical and economic optimization of EDF's fuel management policy for PWR cores 39847
le Bart, M., Lochen, M., Robert, J.P. Quality assurance and its context related to substation equipment: current practice and future prospects 25606
Le Bihan, F. *see* Sarret, M. 9762
Le Bihan, F. *see* Sarret, M. 33700
le Bihan, J., Ropars, F. Conversion from low-pass filters to bandpass or band-rejection filters: straightforward algorithms 1299
Le Bihan, J., Watkins, L.R. Generalised filters and optimum sampling frequencies for the reconstruction of bandlimited signals from past samples 13268
Le Bihan, J., Yabre, G., Debeau, J., Le Coquil, E. Non-linearities in semiconductor lasers: comparison of Bessel functions and perturbation analyses 3604
Le Bihan, J. *see* Li, H.W. 46013
Le Blanc, M., Measures, R.M. Micromechanical considerations for embedded single-ended sensors 6553
Le Blanc, M., Nachman, M. Effect of a magnetic field on the TM_{nm0} modes of a circular cylindrical cavity partially filled with a ferrite 21295
Le Blanc, S.P., Cote, F., Szabo, G., Sauerbrey, R. Single-shot phase sensitive autocorrelator for short pulse ultraviolet lasers 20615
Le Boudec, P., Francois, P.L., Delevaque, E., Bayon, J.-F., Sanchez, F., Stephan, G.M. Influence of ion pairs on the dynamical behaviour of Er^{3+}-doped fibre lasers 3576
Le Boudec, P., Jaouen, C., Francois, P.L., Bayon, J.-F., Sanchez, F., Besnard, P., Stephan, G. Antiphase dynamics and chaos in self-pulsing erbium-doped fiber lasers 20677
Le Boudec, P. *see* Sanchez, F. 12052
Le Bouquin, R., Faucon, G. Study of a noise cancellation system based on the coherence function 21871
Le Breton, J.P. *see* Mens, A. 6596
Le Breton, P. *see* Kazdaghli, A. 17046
Le Bris, J. *see* Vinchant, J.-F. 38121
Le Brun, A. *see* Bordier, J.M. 9852
Le Cadre, J.-P. *see* Zugmeyer, O. 4774
Le Cadre, J.P. *see* Zugmeyer, O. 5030
Le Cadre, J.P. *see* Zugmeyer, O. 21733
Le Carlier de Veslud, C., Maurice, G. An autoadaptive solver associated with a multigrid input data on a Macintosh microcomputer 33565
Le Carpentier, E., Doncarli, C., Vozel, B. Optimal Bayesian detection of spectral changes in random signals 13429
Le Cerf, P., Van Compernolle, D., Van Diest, M. Reduction techniques for frames and frame dimensions in automatic speech recognition 13119
Le Cerf, P., Weiye Ma, Van Compernolle, D. Multilayer perceptrons as labelers for hidden Markov models 36623
Le Chen Yong *see* Chen Yong Le
Le Chevalier, F. Radar:physical bases 38139
Le Comber, P.G. *see* Long, A.R. 35000
Le Comber, P.G. *see* Spear, W.E. 27464
le Contellec, M. TFT technologies: performances and cost evaluation [active matrix LCD] 31370
Le Coquil, E. *see* Le Bihan, J. 3604
Le Cornec, A. *see* Bernard, R. 39357
Le Cornec, C. *see* Vinet, F. 2367
Le Corre, A. *see* Mottet, S. 35491
Le Coz, D. *see* Boutry, J.-M. 32036
Le Dinh, C.T., Sahed, A., Tremblay, C. Nonlinear luminance compensation network for gamma corrected TV signals 38248
Le Dinh Quach, Stapleton, S.P. A postdistortion receiver for mobile communications 22848
Le Doeuf, R. *see* Cherkaoui, M. 25452
Le Dudal, R., Hillard, R.J., Heddleson, J.M., Weinzierl, S.R., Rai-Choudhury, P., Mazur, R.G. Accurate profiling of ultra-shallow implants with mercury gate metal-oxide-semiconductor capacitance-voltage 43120
Le Floch, A. *see* Dutriaux, L. 3756
Le Floch, B. *see* Sueur, B. 30954
le Flohic, M. *see* Allain, J.Y. 3545
Le Fur, Y. *see* Devoulon, P. 1110
Le Gall, H. *see* Pogossian, S.P. 4226
Le Gall, P. The application of Pollaczek's method to single server queueing networks 5208
Le Garrec, G. *see* Cousty, J.P. 32037
le Gouezigou, O. *see* Jacquet, J. 35974
Le Gouezigou, O. *see* Langanay, J. 35835
Le Gouguec, T. *see* Hettak, K. 27144
le Grand, J.B., Bruijn, M.P., Frericks, M., Laauwen, W., Nilsson, D., de Korte, P.A.J., Valko, P., Gijsbertsen, J.G., Houwman, E.P., Flokstra, J. Superconductive junctions with trapping layers for the detection of X-rays 24051
le Grand, J.B. *see* Patel, C. 20200
Le Gressus, C. *see* Berroung, A. 2733
Le Guyader, A., Lozach, B., Moreau, N. Embedded algebraic CELP coders for wideband speech coding 13154
Le Guyader, A. *see* Mahieux, Y. 23359
Le Helloco, P. *see* Besnier, P. 44479
Le Ligne, M. *see* Mottet, S. 35491
Le Ligne, M. *see* Valkova, T. 15012
Le Mene, C., Robichez, S. A self-consistent method for the management of FMECA. Application to space telecommunication and observation systems 32026
Le Merdy, B. *see* Guivarc'h, A. 41274
Le Meur, J.P. *see* Rix, P. 45714
Le Ngoc, T. *see* Garland, P.J. 22952
Le Nguyen Binh, Nam Quoc Ngo, Shu Fun Luk Graphical representation and analysis of the Z-shaped double-coupler optical resonator 43399
Le Pichon, J.-P. *see* Mora, F.A. 38954
le Piouffle, B. *see* Oukaour, A. 16986
Le Polozec, X., Trinh-Van, C., Muffat-Joly, S. A fast automatic gain control for a RF amplifier used in a DCS1800 (PCN) base station transmitter 26732
Le Quang Nguyen, Ashrit, P.V., Bader, G., Girouard, F.E., Vo-Van Truong A WO_3 based quasi-symmetric smart window 35483
Le Roux, G. *see* Raffle, Y. 18165
Le Roux, J., Coroyer, C., Rossille, D. Illustration of the effects of sampling on higher-order spectra 45031
Le Roux, J., Rossille, D. Conditions for a correct application of HOS identification algorithms simulation and sampling of third order stationary random processes 4703
Le Roux, J., Sole, P. Least-squared error reconstruction of a deterministic sampled signal Fourier transform logarithm from its N-th order polyspectrum logarithm 29667
Le Roux, P., Claverie, C., Guitton, X., Gay, P., Peron, F., Duvivier, J.C., Marié, A. Field trial during the Albertville Olympic Games on an analogue (RGB+synchro+4 audio) HDTV transmission system using a single optical fibre 37994
Le Roy, I., Lifermann, A., Richard, J., Baudrand, H. An analysis tool for active antenna radar performance 30899
Le Sage, G.P. *see* Gover, A. 35903
le Scouarnec, F.-P. Beyond traditional media. Cable television and multimedia applications 38332
Le Si Dang *see* Legras, R. 43876

Le Surf, J.E., Mason, J.B., Symmons, W.R. Chemical cleaning of the Bruce A steam generators 16567
Le Surf, J.E. *see* Varrin, R.D., Jr. 16568
Le Tan *see* Tan Le
Le Tan Loc *see* Tan Loc Le
Le Tang, Zavadil, R. Shunt capacitor failures due to windfarm induction generator self-excitation phenomenon 25283
Le Texier, F., Coutellier, J.M., Blanchard, N. Head to tape contact characterization for a fixed multi-track magnetic head 2832
Le Thanh Vinh *see* Derrien, J. 18145
Le Tourneur, P. *see* Cluzeau, S. 33797
Le Tuan, Novikov, S.V., Savel'ev, I.G., Shelkovnikov, D.N., Shmartsev, Yu.V. Doping of epitaxial GaAs films by a Zn acceptor impurity during liquid phase epitaxy from Ga-Bi molten solutions 2015
Le Tuan *see* Ber, B.Ya. 33624
Le Van Suu, A. *see* Ambrosini, G. 38898
Le Vine, D.M. *see* Jackson, T.J. 24504
Le Vine, M. *see* Bachler, J. 46934
Le Vine, M. *see* Baechler, J. 46909
Le Wei-Yu *see* Wei-Yu Le
Le Zhu Zhou *see* Zhou Le Zhu
Le-Huy, H. *see* Kamwa, I. 40132
Le-Ngoc, T. *see* Slimane, S.B. 45788
Le-Ngoc Tho *see* Tho Le-Ngoc
Le-Ping Zheng *see* Zheng Le-Ping
Le-Shan Liu *see* Liu Le-Shan
Lea, K.C., Burgess, W.R. The implementation of the MACK-2G neutronics model in the D C Cook nuclear plant simulator 16614
Lea, R.M. *see* Habiger, C.M. 40961
Lea, R.M. *see* Hedge, S.J. 41983
Lea, R.M., Tewksbury, S. *(editors)* 1994 Proceedings. Sixth Annual IEEE International Conference on Wafer Scale Integration (Cat. No.94CH3412-4) 40762
Lea, S.M., Lybanon, M. Automated boundary delineation in infrared ocean images 39402
Lea, S.N. *see* Santarelli, G. 20909
Lea-Wilson, N. Operational and upgrade considerations in fibre optics for CATV 31032
Leach, D.A. *see* Floyd, M.R. 8083
Leach, D.A. *see* Floyd, M.R. 8085
Leach, M.O. *see* Sharp, J.C. 39009
Leach, W.M., Jr. Controlled-source analogous circuits and SPICE models for piezoelectric transducers 35196
Leachman, R.C. *see* Weng, W.W. 9214
Leadbeater, M.L. *see* Burroughes, J.H. 11233
Leadbeater, M.L. *see* Lerch, M.L.F. 42849
Leader, K.M. *see* Piatnicia, A.Y. 4288
Leahy, M. *see* Nering, J. 23564
Leahy, R. *see* Wu, Z. 13627
Leahy, R. *see* Wu, Z. 21949
Leahy, R.M. *see* Mosher, J.C. 31951
Leahy, R.M. *see* Spencer, M.E. 31952
Leaird, D.E. *see* Weiner, A.M. 29030
Leake, S., Cheung, E. Recent developments at the Goddard Engineering Test Bed 47162
Leake, S. *see* Cheung, E. 39140
Leakey, D.M. Challenges in telecommunications 13935
Leakey, D.M. Network interconnection in a liberalised environment 37332
Leal Ferreira, G.F. *see* Zanin, M. 35170
Lealman, I.F., Harlow, M.J., Rivers, L.J., Smith, P.J. 1.3 μm InGaAsP half duplex transceivers fabricated using a novel chromium doped semi-insulating blocking structure 37978
Leang, S., Spanos, C.J. Application of feed-forward and feedback control to a photolithography sequence 2287
Leanheart, S.J., Marnow, C.A. Design evolution of a multi-chip module signal processor 9268
Leao, J.A. *see* Costa, I.S. 32202
Leao, S.A., Hipolito, O., Peeters, F.M. Electron relaxation in multisubband GaAs quantum wire 10728
Lear, K.L., Chalmers, S.A. High single-mode power conversion efficiency vertical-cavity top-surface-emitting lasers 20800
Lear, K.L. *see* Bo Lu 45734
Lear, K.L. *see* Choquette, K.D. 28817
Lear, K.L. *see* Zhou, P. 20570
Lear, K.S., Chalmers, S.A. High wallplug efficiency vertical-cavity top-surface emitting laser diodes 28814
Learmonth, D.S., Russell, G. BIST schemes for testing analogue circuits 46293
Learmonth, D.S. *see* Russell, G. 1342
Learmonth, D.S. *see* Russell, G. 27096
Learned, J.G. *see* Grajew, G. 37613
Learned, R.E., Karl, W.C., Willsky, A.S. Wavelet packet based transient signal classification 13316
Leary, M.L. *see* Siegel, M.W. 36812
Leaver, D.E.W., Additon, S.L. ALWR utility requirements document containment performance requirements 39782
Leaver, K.D., Pagiatakis, G. Fabrication tolerances in fibre directional couplers designed to maximise coupling between fibres and diode lasers 35339
Leavers, V.F. Which Hough transform? [survey] 13619
Leavey, J.A., Lesoine, L.G. Design considerations for the IBM X-ray lithography facility 7114
Leavitt, M., Turner, D. Designing single chip 3.3 V 32-bit computers 26974
Leavitt, R.P., Bradshaw, J.L., Pham, J.T., Tobin, M.S. Quantitative model for photocurrent spectroscopy of quantum-well diodes including transit-time and background-doping effects 35576
Leba, L.M. *see* Motoshima, K. 43791
Lebaric, J.E., Manke, R.P. EMAG: electromagnetic software development at Rose-Hulman Institute of Technology 44200
Lebbolo, H. *see* Dell'Acqua, A. 46998
Lebby, G.L. *see* Rahman, M.T. 44919
LeBeau, R. *see* Mastropietro, R.A. 8176
Lebed, B.M. *see* Gusev, G.S. 42202
Lebedev, A. *see* Agafonov, A. 46721
Lebedev, A. *see* Petrenko, A. 30241
Lebedev, A.N. *see* Beskupchuk, A.M. 38905
Lebedev, A.N. *see* Chugreev, V.A. 31612
Lebedev, E.A. *see* Babanov, I.V. 28733
Lebedev, E.A. *see* Kazakova, L.P. 19353
Lebedev, E.F. *see* Ostashev, V.E. 29115
Lebedev, I.V. Nonlinear properties and characteristics of microwave pin diodes 19078
Lebedev, M.V. *see* Bessolov, V.N. 34732
Lebedev, N.A. *see* Abdurazakov, A.A. 38933
Lebedev, O.I. *see* Kiselev, N.A. 10973
Lebedev, S.F., Liferenko, V.D., Lukin, I.A., Markov, Yu.V., Mol'kin, V.V. An NRZ-L signal repeater for a 668 Mbit/s transmission rate 14362
Lebedev, S.F. *see* Lukin, I.A. 14610
Lebedev, V., Oransky, A. Iterative algorithms and structures for signal processing 36855
Lebedev, V.A. *see* Aleksandrov, A.V. 7142
Lebedev, V.A. *see* Aleksandrov, A.V. 31655
Lebedev, V.M. *see* Prutkovskii, E.N. 8225
Lebedev, V.N. *see* Zaytsev, S.A. 1544
Lebedeva, L.P. *see* Kotov, Yu.D. 31769
Lebedeva, M.I. *see* Borul'ko, V.F. 41541
Lebedeva, T.T. *see* Kozeratskaya, L.N. 26329
Lebedeva, T.T. *see* Kozeratskaya, L.N. 26330
Lebedeva, V.V., Orlov, M.I., Sokolovskiy, R.I. Restricted wave beams with minimum divergence 12561
Lebedinski, Yu.Yu. *see* Borman, V.D. 42725
Lebegue, X., Aggarwal, J.K. Automatic creation of architectural CAD models 37042
Lebender, B., Colombo, S., Grolleau, G. SDH network element technology: the software platform 22450
Lebigre, J.C. *see* Pautet, M.B. 14452
Lebigre, J.C. *see* Pautet, M.B. 14453
Lebiush, E. *see* Barmashenko, B.D. 12006
Lebiush, E. *see* Elior, A. 43744
Leblanc, F., Perrin, J., Schmitt, J. Numerical modeling of the optical properties of hydrogenated amorphous-silicon-based p-i-n solar cells deposited on rough transparent conducting oxide substrates 33056
Leblanc, F. *see* Dutta, J. 33675
LeBlanc, H.P. *see* Poguntke, K.R. 46014
Leblanc, J. *see* de Marcillac, P. 24058
Leblanc, J. *see* De Moor, P. 24029
Leblanc, J. *see* Masse, D. 38841
Leblanc, J. *see* Zhou, J.W. 6499
Leblanc, M. *see* Bavay, J. 24797
LeBlanc, W.P., Bhattacharya, B., Mahmoud, S.A., Cuperman, V. Efficient search and design procedures for robust multi-stage VQ of LPC parameters for 4 kb/s speech coding 44756
Leblebici, Y. *see* Jansz, W. 20016
Leblebici, Y. *see* Shih, Y.-H. 18554
Leblebicioglu, K. *see* Sevinc, A. 40220
Leblond, B., Rajaonera, G. Photoemission in the picosecond regime from a coated trioxide cathode 34471
Leblond, H., Manna, M. Coalescence of electromagnetic travelling waves in a saturated ferrite 12565
LeBorne, R.C. *see* Bunch, J.R. 33503
Leboucher, L., Irinopoulou, T., Hazout, S. Greytone skeletons of elongated objects using the concept of morphological automaton. Application to images of DNA molecules 45034
Leboucher, L., Villani, D. Slot design of optimized electromagnetic pump 44275
Lebourgeois, R. *see* Labeyrie, M. 20164
Leboutet, H. *see* De Brion, J.P. 15443
Leboutet, H. *see* Joly, S. 15306
Lebowsky, F. *see* Alrutz, H. 6205
Lebreton, G., Demezet, L., Marom, E., Konforti, N., Mendlovic, D. Invariant pattern recognition and hybrid neural network 13510
Lebron, R., Rossi, R. Automated integrated diagnostic analysis for aircraft mechanical systems 24581
Lebrun, B., Petit, J.P. Theoretical analysis of shock wave annihilation with MHD force field 25781
Lebrun, C. *see* He Zhiyong 46884
Lebrun, D., Ozkul, C., Touil, C.E., Blaisot, J.B., Kleitz, A. On-line particle size and velocity measurements by the analysis of defocused images: extended depth of field 46623
Lebrun, P., Pagano, O., Taylor, T.M., Walckiers, L. Operational experience with the LEP low-beta superconducting quadrupoles 6939
Lebrun, Ph. *see* Granier, M. 15547
Leburton, J.-P. *see* Chang, H. 27559
Leburton, J.P. *see* Bigelow, J.M. 42997
Leburton, J.P. *see* Mickevicius, R. 27539
Lec, R.M., Musavi, M.T., Pendse, H.P., Ahmed, W. Neural network approach to sensor design 16062
Lec, R.M., Musavi, M.T., Pendse, H.P., Ahmed, W. Application of a radial basis function neural network to sensor design 23542
Lecarval, G. *see* Ferlet-Cavrois, V. 41904
Lecayon, G. *see* Houze, F. 42764
Leccabue, F. *see* Vazquez, M. 43283
Lecerf, C. *see* Arnouat, C. 14012
Lechevallier, L., Engel, M. Evolution of torque and speed during acceleration time, comparison with simulated results 16875
Lechleider, J.W. Processing signals by structured channel signaling for high speed digital transmission on telephone access circuits 5411
Lechok, C.A. Improved soldering via membrane nitrogen: 5 case studies 19234
Leckie, D.G. *see* Ahern, F.J. 32120
LeClair, S.R. *see* Currie, K.R. 733
LeClair, S.R. *see* Garrett, P.H. 33605
Leclerc, D. *see* Chiaroni, D. 37687
Leclerc, D. *see* Doussiere, P. 43932
Leclerc, D. *see* Stubkjaer, K. 28874
Leclerc, L. *see* Arsenault, H.H. 13511
Leclerc, L.-J., Bauer, P.H. New criteria for asymptotic stability of one- and multidimensional state-space digital filters in fixed-point arithmetic 34177
Leclerc, M. *see* Callender, C.L. 12353
Leclerc, M. *see* Fumy, W. 5467
LeClerc, S.A. *see* Svendsen, R.L. 8165
Leclercq, I. *see* Meys, R. 41705
Leclercq, J. Batteries for electric vehicles—general perspectives 48255
Leclercq, J.L., Grunberg, P., Boissier, G., Fouillant, C., Sadik, S., Martin, P., Lazzari, J.L., Joullie, A.M., Joullie, A. Characterization below threshold of GaInAsSb/GaAlAsSb double heterostructure lasers emitting near 2.37 μm 12209
Leclere, P., Lemelin, G., Habraken, S., Manivannan, G., Changkakoti, R., Renotte, Y., Lessard, R.A., Lion, Y. Recording performances of COHOE's on dichromated gelatin, dichromated polymers and photoresists: a comparative study 12476
Lecluse, J.-L., Zanettin, A. Frame relay - a protocol for fast packet switching: the COMPAC implementation 37465
Lecocq, D., Lataire, P. Modeling and simulation of static converters in view of the electrical drive control 40508
Lecocq, D., Lataire, P., Wymeersch, W. Application of the double fed asynchronous motor (DFAM) in variable-speed drives 17475
Lecoeur, G. *see* Adam, W. 46929
Lecointe *see* Bellon 39998
Lecointe, D., Tabbara, W., Lasserre, J.L., Drisse, O. Electromagnetic energy coupled to a monopole inside a perfectly conducting rectangular cavity 29283
Lecollinet, P., Bastie, J. Fatigue effects in germanium photodetectors 23613
LeComber, P.G. *see* Hack, M. 28143
LeComber, P.G. *see* Hack, M. 28158
LeComber, P.G. *see* Long, A.R. 28171
LeComber, P.G. *see* Schiff, E.A. *(editor)* 17746
Lecomte, R., Cadorette, J., Rodrigue, S., Heon, M., Bentourkia, M., Msaki, P., Rouleau, D., Richard, P. A PET camera simulator with multispectral data acquisition capabilities 15737
Lecomte, R. *see* Cadorette, J. 15736
Lecomte, R. *see* Msaki, P. 31870
Leconte, C. *see* Pons, A. 25567
Leconte, P. *see* Cavedon, J.M. 15354
Leconte, R. *see* Brown, R.J. 32103
Lecoq, J. *see* Beingessner, S.P. 31761
Lecoq, J. *see* Bertsch, Y. 31760
Lecoq, J.P. *see* Er-rhaimini, S. 22039
Lecoq, P. *see* Anderson, D.F. 46870
Lecornet, D. *see* Chavanne, J. 7108
Lecours, A. *see* Ivanov, D. 46402
Lecours, M. *see* Imbeau, R. 21261
Lecourtier, Y. *see* Ogier, J.M. 13796
Lecoy, G. *see* de Murcia, M. 10671
Lecoy, G. *see* Jarrix, S. 2607
Lecoy, G. *see* Pascal, F. 19766
Lecrivain, M. *see* Peuro, E. 32873
Lecroart, A., Lemaire, V., Pirio, F., Thomine, J.B. Giga 5: 5 Gbit/s submarine transmission system 23026
LeCroy, W., Cake, B. Advances in very high speed (5GSa/s) sampling technology 38604
Leddon, G. *see* Rodrick, T.J. 408
Ledentsov, N.N. *see* Sotomayor Torres, C.M. 43607
Leder, J., Michaels, J. Downhole hydraulics in the oil patch 38452
Lederer, F., Peschel, T., Peschel, U. The effect of excited leaky waves on the transient non-linear optical response of planar semiconductor resonators 12330
Lederer, F. *see* Diankov, G.L. 28991
Lederer, F. *see* Muschall, R. 35431
Lederer, F. *see* Muschall, R. 36029

Lederer, F. *see* Schmidt-Hattenberger, C. 3005
Lederer, M.J., Skinner, I.M., Chu, P.L. Temporal and spectral evolutions of a high power pulse in an optical fibre Raman soliton generation 35395
Lederer, P. *see* Careme, F. 32255
Ledeux, S. *see* Biesenack, J. 33836
Leditschke, M., Dunstan, S., Biggar, M. Error resilient video coding methods for cell-based transmission 36913
Leditzky, G. *see* Leising, G. 35598
LeDortz, O. *see* Dell'Acqua, A. 46998
Ledoux, B., Caron, B., Fiallos, E., Bergeron, A. Advanced television signal generation for study of interference into NTSC 14782
Ledov, I.A. *see* Zaytsev, S.A. 1544
Ledran, J. New electrochemical couples for mobile terminals miniaturization 17153
LeDrew, E.F. *see* Barber, D.G. 32080
Ledsome, H.C. Attaining competence in engineering design: a report ahead of its time 26154
LeDu, P. *see* Cushman, P. 24012
LeDuc, H.G. *see* Febvre, P. 6168
LeDuc, H.G. *see* Kooi, J.W. 43360
Leduc, H.G. *see* Salez, M. 46148
Leduc, H.G. *see* Saulnier, G.G. 20203
Leduc, J.-P. Control of the image quality for digital TV and HDTV codecs 23310
Leduc, J.-P. Bit-rate control for digital TV and HDTV codecs 46221
Ledwich, G., George, T.A. Mutual support provided by load balancing SVCs 7803
Ledwich, G. *see* Aydemir, M.T. 25880
Ledwich, G.F. *see* Hosseini, S.H. 7796
Ledzian, K. *see* Depew, J. 8059
Ledzius, R.C., Irwin, J. The basis and architecture for the reduction of tones in a sigma-delta DAC 10232
Lee, A. *see* Jackson, C.M. 1403
Lee, A. *see* Pieper, R.J. 46339
Lee, A.P., Pisano, A.P. Repetitive impact testing of micromechanical structures 14944
Lee, A.T. *see* Dougherty, B.L. 24034
Lee, B., Ajjarapu, V. Period-doubling route to chaos in an electrical power system 7729
Lee, B., Jr. The nuclear power industry's approach to human factors 39721
Lee, B.-J. *see* Lin, J.-F. 43951
Lee, B.-T., Hayes, T.R., Thomas, P.M., Pawelek, R., Sciortino, P.F., Jr. SiO_2 mask erosion and sidewall composition during CH_4/H_2 reactive ion etching of InGaAsP/InP 10934
Lee, B.-T. *see* Logan, R.A. 35810
Lee, B.G. *see* Lim, I.-T. 4475
Lee, B.S. *see* Gay, R.K.L. 14205
Lee, B.W. *see* Teoh, E.K. 33424
Lee, C., Bramhall, R.B. A large area rapid thermal processor for flat panel displays 6707
Lee, C., Chun, S.K., Wang, K.L. Normal incidence detector using Ge quantum-well structures grown on Si (100) 23634
Lee, C., Im, Y.J., Lee, J.G. Adhesion and leakage current characteristics of selective CVD tungsten films on the silicon substrate 10995
Lee, C., Landgrebe, D.A. Analyzing high-dimensional multispectral data 24457
Lee, C., Weichold, M.H. Evanescent modes and scattering effects on resonant tunneling in zero dimensional nanostructures: A scattering matrix approach 19741
Lee, C. *see* Barnett, J.T. 29833
Lee, C. *see* Gilleo, K. 366
Lee, C. *see* Kim, K. 14780
Lee, C. *see* Olowolafe, J.O. 34820
Lee, C. *see* Shoemaker, R. 16633
Lee, C. *see* Yoon, J.K. 34995
Lee, C.Y. *see* Tidrow, M.Z. 38504
Lee, C.-H., Gauvain, J.-L., Pieraccini, R., Rabiner, L.R. Large vocabulary speech recognition using subword units 29503
Lee, C.-L. *see* Wu, S.-L. 11129
Lee, C.-R. *see* Chen, J.L. 226
Lee, C.-Y. *see* Hsieh, P.-W. 1331
Lee, C.C., Chien, D.H. An integration algorithm for the Fourier-Bessel integral solution of a five-layer structure with a circular embedded source 293
Lee, C.C. *see* Deal, M.D. 27637
Lee, C.C. *see* Jawarani, D. 19648
Lee, C.C. *see* Jones, K.S. 27479
Lee, C.C. *see* Matijasevic, G. 286
Lee, C.C. *see* Su, T.J. 35468
Lee, C.C. *see* Wang, C.Y. 42343
Lee, C.E. *see* Atkins, R.A. 46469
Lee, C.H., Gauvain, J.L., Pieraccini, R., Rabiner, L.R. Large vocabulary speech recognition using subword units 13029
Lee, C.H., Huang, C.S. Spray pyrolysis deposition for indium oxide doped with different impurities 26465
Lee, C.H., Tai, K.L., Bacon, D.D., Doherty, C., Katz, A., Wong, Y.M., Lane, E. Bonding of InP laser diodes by Au-Sn solder and tungsten-based barrier metallization schemes 43878
Lee, C.H. *see* Bhanthumnavin, V. 44085
Lee, C.H. *see* Funk, E.E. 28640
Lee, C.H. *see* Golob, L.P. 1529
Lee, C.H. *see* Huang, S.L. 1614
Lee, C.H. *see* Katz, A. 20903
Lee, C.H. *see* Saddow, S.E. 20530
Lee, C.H. *see* Saddow, S.E. 28599
Lee, C.H. *see* Saddow, S.E. 28627
Lee, C.H. *see* Sheng-Hui Yang 43916
Lee, C.H. *see* Wei-lou Cao 28406
Lee, C.H.S. *see* Yamanouchi, K. 2768
Lee, C.J., Wang, H., Tsao, C. Polarization processing for ultra wideband target detection 46050
Lee, C.K., Choy, F.W., Lam, H.C. Real-time thresholding using histogram concavity [image processing] 5025
Lee, C.K., Lee, K.W., Li, K.C. Elliptical object detection in noisy images using a multiresolution structure 36961
Lee, C.K. *see* Hsu, S.L. 19651
Lee, C.K. *see* Lo, S.H. 33568
Lee, C.L., Jen, C.-W. Binary partition algorithms and VLSI architectures for median and rank order filtering 13225
Lee, C.N. *see* Chew, Y.T. 7377
Lee, C.P., Tsai, C.M., Tsang, J.S. Dual-wavelength Bragg reflectors using GaAs/AlAs multilayers 11665
Lee, C.P. *see* Chang, Y.H. 42502
Lee, C.P. *see* Chen, H.R. 2463
Lee, C.P. *see* Chen, H.R. 11166
Lee, C.P. *see* Tsang, J.S. 12238
Lee, C.P. *see* Tsang, J.S. 43672
Lee, C.P. *see* Yen, S.T. 34582
Lee, C.Q. *see* Agrawal, J.P. 25534
Lee, C.Q. *see* Gan, D. 25515
Lee, C.Q. *see* Gegner, J.P. 25550
Lee, C.Q. *see* Liu, R. 16171
Lee, C.Q. *see* Liu, R. 40316
Lee, C.Q. *see* Long, D.Z. 25549
Lee, C.Q. *see* Siri, K. 25552
Lee, C.Q. *see* Wu, T.-F. 25551
Lee, C.R. *see* Suh, K.S. 35167
Lee, C.S. *see* Hwang, S.C. 7977
Lee, C.W. *see* Shim, Y.G. 21637
Lee, C.Y. A multitype concentrator problem with a choice of terminal coverages 30453
Lee, D., Sabnani, K.K., Kristol, D.M., Paul, S., Uyar, M.U. Conformance testing of protocols specified as communicating FSMs 5238
Lee, D., Wong, N.C. Stabilization and tuning of a doubly resonant optical parametric oscillator 3813
Lee, D., Wong, N.C. High-performance tunable optical parametric oscillator 3867
Lee, D., Yannakakis, M. Testing finite-state machines: state identification and verification 45336
Lee, D. *see* Brothers, L.R. 36019
Lee, D. *see* Katz, B.A. 2331
Lee, D. *see* Mills, G.B. 46893
Lee, D. *see* Palusinski, O.A. 21289
Lee, D. *see* Poursepanj, A. 41932
Lee, D. *see* Thompson, J.H. 2017
Lee, D. *see* Wong, N.C. 23378
Lee, D. *see* Yeung, M.S. 2341
Lee, D.-H., Park, J.-S., Kim, Y.-G. Video format conversions between HDTV systems 6227
Lee, D.-I., Kumagai, S., Kodama, S. Synchronization mechanism of autonomous decentralized systems modelled by state machine decomposable nets 14123
Lee, D.-L. *see* Wang, W.-J. 5118
Lee, D.A., Letaief, K.B. Comparison of various importance sampling schemes for simulating optical systems 30763
Lee, D.H. *see* Kim, J.G. 6251
Lee, D.Hao-Tien *see* Hao-Tien Lee, D.
Lee, D.L. Multipath noise reduction for mobile FM receiver 38235
Lee, D.R. *see* Yasuda, T. 34618
Lee, D.T. Intelligent telecommunication system integration 30555
Lee, E. *see* Close, E. 23947
Lee, E. *see* Hahn, K. 31567
Lee, E.A. *see* Bhattacharyya, S.S. 44897
Lee, E.A. *see* Kahn, J.M. 23082
Lee, E.H. *see* Carey, C.D. 28670
Lee, E.J., Pyun, S.-I. Electrodissolution of aluminium thin film microband electrodes 2262
Lee, E.P. Longitudinal instability of induction linac drivers 23988
Lee, E.P. Longitudinal instability in heavy-ion fusion induction linacs 31569
Lee, E.P. *see* Barnard, J.J. 31535
Lee, E.P. *see* Celata, C.M. 31562
Lee, E.S., Wilson, T.G., Jr. Electrical design inspection: a methodology for using circuit simulation in the design and development of electronic power supplies 33878
Lee, E.S. *see* Hauser, R.C. 22343
Lee, E.T.Y. Remarks on an identity related to degree elevation 26353
Lee, F.C. *see* Choi, B. 33877
Lee, F.C. *see* Farrington, R. 40312
Lee, F.C. *see* Farrington, R. 40320
Lee, F.C. *see* Hua, G. 16982
Lee, F.C. *see* Hua, G. 33882
Lee, F.C. *see* Jovanovic, M.M. 41664
Lee, F.C. *see* Mitter, C.S. 35009
Lee, F.C. *see* Tang, W. 40311
Lee, F.N. *see* Breipohl, A.M. 47436
Lee, G.-S., Park, J.-G., Choi, S.-P., Shin, C.-H., Sun, Y.-B., Kwak, Y.-S., Shin, C.-K., Smith, W.L., Hahn, S. Effects of silicon ion implantation upon thin gate oxide integrity 10861
Lee, G.J. MOV operability determination [CANDU reactors] 16574
Lee, G.K. System requirements for planetary rovers 22227
Lee, G.R., Crayston, J.A. Sol-gel processing of transition-metal alkoxides for electronics 9802
Lee, G.S., Ko, H.L., Ruby, R.C., Barfknecht, A.T., dela Cruz, A. A track-and-hold circuit based on the nonlinear quasiparticle conductance of superconductor-insulator-superconductor junctions 28413
Lee, G.S. *see* Ko, H.L. 27009
Lee, G.S. *see* Lifeng Liu 27525
Lee, G.Y. *see* Mao, B.-Y. 43020
Lee, H., Cho, G., Drewery, J.S., Hong, W.S., Jing, T., Kaplan, S.N., Mireshghi, A., Perez-Mendez, V., Wildermuth, D. New a-Si:H photo-detectors for long-term charge storage 31232
Lee, H., Li, F. Quantification of the difference between detection and resolution thresholds for multiple closely-spaced emitters 4606
Lee, H., Shi, Y., Stolen, J. Allocating data files over a wide area network: goal setting and compromise design 30427
Lee, H., Stovall, R. Maximum likelihood methods for determining the direction of arrival for a single electromagnetic source with unknown polarization 45016
Lee, H. *see* Bae, M. 29541
Lee, H. *see* Cho, G. 7181
Lee, H. *see* Douglas, B.L. 16027
Lee, H. *see* Gyuseong Cho 31791
Lee, H. *see* Ito, H. 11051
Lee, H. *see* Na, H.R. 36203
Lee, H. *see* Sohn, K. 10748
Lee, H.W., Mark, J.W. ATM network traffic characterization using two types of on-off sources 5155
Lee, H.-C. *see* Abed, E.H. 39452
Lee, H.-C. *see* Huang, R.-S. 23566
Lee, H.-J. *see* Harada, H. 14657
Lee, H.-J. *see* Ohuchi, M. 13856
Lee, H.-M. From Mie solution to Fock's theory for short range propagation 12607
Lee, H.-R., Jen, C.-W., Liu, C.-M. On the design automation of the memory-based VLSI architectures for FIR filters 10294
Lee, H.-S. *see* Hong, S.-E. 22917
Lee, H.-S. *see* Wang, S.S. 31178
Lee, H.-S. *see* Yu, P.C. 26735
Lee, H.C. *see* Qian, G. 20204
Lee, H.H. Effects of lateral heat and carrier diffusion on thermal runaway of cw DH semiconductor lasers 35876
Lee, H.H. *see* Yoo, J.S. 20879
Lee, H.J. *see* Ouchi, M. 14421
Lee, H.P. *see* Ranalli, E. 23478
Lee, H.P.E. *see* Herman, D.A., Jr. 11507
Lee, H.S., Han, W.Y., Lu, Y., Cole, M.W., Lareau, R.T., Casas, L., Thompson, R.J., DeAnni, A., Jones, K.A., Yang, L.W. Ohmic contacts to heavily carbon-doped p^+-GaAs using Ti/Si/Pd 1937
Lee, H.S., Ramaswami, R. Study of pseudo noise CW diode laser for ranging applications 46610
Lee, H.S. *see* Han, W.Y. 19427
Lee, H.S. *see* Karanicolas, A.N. 27019
Lee, H.S. *see* Kim, Y.H. 12818
Lee, H.S. *see* Lin, D.-G. 11195
Lee, H.S. *see* McLane, G. 10900
Lee, H.S. *see* Xue, K.H. 25638
Lee, H.Y. *see* Yow, H.K. 28105
Lee, I., Cioffi, J.M. Performance analysis of the modified maximum likelihood sequence detector in the presence of data-dependent noise 29683
Lee, I., Jong Gyu Kim, Halozan, S., Ann, S.J.M. A motion dependent vector quantizer with multiple sub-codebooks for image coding 36877
Lee, I., Warmack, R.J., Ferrell, T.L. Laser lithography by photon scanning tunneling microscopy 19688
Lee, I. *see* Kim, J.G. 6251
Lee, I.-J., Roth, E. A heuristic for the transient expected queue length of Markovian queueing systems 17995
Lee, I.Y. *see* Metlay, M.P. 7294
Lee, J., Chikarmane, V., Sudhama, C., Kim, J. Sputtered ferroelectric thin films for dynamic random access memory applications 35140
Lee, J., Moon, S. Architecture for interoperability of network management systems in multi-domain network 22440
Lee, J., Patel, J.H. An instruction sequence assembling methodology for testing microprocessors 2624
Lee, J. *see* CaoHuu, T. 26979
Lee, J. *see* Cenanovic, M. 16600
Lee, J. *see* Chen, W. 2068
Lee, J. *see* Chen, W. 2245
Lee, J. *see* Chickermane, V. 1195
Lee, J. *see* Chickermane, V. 26889
Lee, J. *see* Givens, J. 43093
Lee, J. *see* Kim, J. 28254
Lee, J. *see* Kim, K. 14780
Lee, J. *see* Lin, J. 2067
Lee, J. *see* Ramesh, R. 43226
Lee, J. *see* Uhn-Oh Lee 9171
Lee, J. *see* Vogel, D. 30487
Lee, J.-F. WETD — a finite element time-domain approach for solving Maxwell's equations 36108

Lee, J.-F., Tang, D.T. HIMALAYAS—A hierarchical compaction system with a minimized constraint set 27395
Lee, J.-H., Chen, C.-K., Lim, Y.C. Design of discrete coefficient FIR digital filters with arbitrary amplitude and phase responses 10312
Lee, J.-H., Han, M.-K., Suh, K.S., Choi, Y.-H. A study of relationship between mechanical properties and water treeing retardation in EVA blended XLPE 43198
Lee, J.-H. *see* Arakawa, T. 9750
Lee, J.-H. *see* Kim, S.-Y. 6202
Lee, J.-H. *see* Ko, J.-S. 40246
Lee, J.-H. *see* Lee, S. 2443
Lee, J.-S., Kudo, K., Niki, S., Yamada, A., Makita, Y., Tanaka, K. The initial growth stage of the InAs quantum well structures on variously oriented GaAs substrates 9615
Lee, J.-S., Shima, T., Kudo, K., Tanaka, K., Niki, S., Yamada, A., Makita, Y. Growth control of InAs thin layers on GaAs substrates with several orientations 33601
Lee, J.-S., Shin, S.-Y. On the validity of the effective-index method for rectangular dielectric waveguides 21297
Lee, J.-S. *see* Schuler, D.L. 39401
Lee, J.-U., Jang, K.-U., Wang, J.-B., Park, Y.-P., Park, C.-B. Abnormal conduction properties of ZnO varistor fabricated by 3-composition seed grain 42253
Lee, J.-U., Kim, C.-H., Choi, W.-S., Kwak, D.-H. Effects of additions on the dielectric properties of $(SrPb)(CaMg)TiO_3$-Bi_2O_3:$3TiO_2$ ceramics 43175
Lee, J.-Y. *see* Lee, L.-W. 4941
Lee, J.-Y. *see* Ma, D.-S. 14781
Lee, J.A., Kim, K. Computing architectures for DFT-based HF-band energy detection 10189
Lee, J.B. *see* Song, D.H. 19813
Lee, J.C. *see* Chen, W.-M. 19856
Lee, J.C. *see* Maiti, B. 34757
Lee, J.C. *see* Sudhama, C. 10186
Lee, J.C. *see* Sudhama, C. 27609
Lee, J.D., Park, J.C., Venables, D., Krause, S.J., Roitman, P. Stacking fault pyramid formation and energetics in silicon-on-insulator material formed by multiple cycles of oxygen implantation and annealing 10776
Lee, J.D. *see* Lee, W.-H. 19866
Lee, J.D. *see* Park, J.C. 10864
Lee, J.E. *see* Schmidt, D.E. 14126
Lee, J.F. *see* Holt, T. 36187
Lee, J.G. *see* Lee, C. 10995
Lee, J.G. *see* Whang, I.H. 38140
Lee, J.H., Chae, H.I., Jeong, S.H., Lim, K.J., Park, S.G. Electrical conduction and dielectric properties of CuI-Cu_2O-MoO_3 glasses 35101
Lee, J.H., Un, C.K. Performance analysis of 1-persistent ICMA/CD with variable collision detection delay 5230
Lee, J.H. *see* Bar-Yam, Z. 46864
Lee, J.H. *see* Chang, P.Z. 35300
Lee, J.H. *see* Han, W.S. 28032
Lee, J.H. *see* Ko, J.S. 16883
Lee, J.I. *see* Choi, W.J. 42708
Lee, J.I. *see* Kim, T.W. 42474
Lee, J.J., Weerahandi, S. Reduction of sample sizes in network sampling models 30301
Lee, J.J.K. *see* Smallen, M. 2811
Lee, J.K., Kabrisky, M., Oxley, M.E., Rogers, S.K., Ruck, D.W. The complex cepstrum applied to two-dimensional images 4592
Lee, J.K. *see* Hahn, S.J. 43989
Lee, J.K. *see* Lee, S.J. 24929
Lee, J.L. *see* Park, H.H. 34740
Lee, J.M. *see* Boyanov, B.I. 31584
Lee, J.N. *see* Griffin, R.D. 11792
Lee, J.S., Chung, Y.C., DiGiovanni, D.J. Spectrum-sliced fiber amplifier light source for multichannel WDM applications 45991
Lee, J.S. *see* Barber, W.C. 20196
Lee, J.S. *see* Jong-Wan Park 34661
Lee, J.S. *see* Long-Wen Chang 27083
Lee, J.T.C. *see* Watts, R.K. 19838
Lee, J.W. *see* Chang, P.H. 40241
Lee, J.W. *see* Park, H.H. 34740
Lee, J.Y., Ong, L.H., Chuah, G.K. Thin film polyaniline-polyaniline electrochemical cells 8738
Lee, J.Y., Un, C.K. Performance of dynamic rate leaky bucket algorithm 5193
Lee, J.Y. *see* Aluybeyi, M.M. 26587
Lee, J.Y. *see* Chiou, R.N. 36958
Lee, J.Y. *see* Kim, K.Y. 9778
Lee, J.Y. *see* Ramsdell, J.V. 32562
Lee, J.Y.-M. *see* Jiun-Tsuen Lai 19431
Lee, K., Dermody, P. The relationship between perceptual and acoustic analysis of speech sounds 4545
Lee, K. *see* Chough, K.B. 42996
Lee, K. *see* Ghisoni, M. 1921
Lee, K. *see* Kim, K. 14780
Lee, K. *see* Mii, Y. 43122
Lee, K. *see* Mochiji, K. 27717
Lee, K. *see* Oh, S.-Y. 2216
Lee, K. *see* Seong-Kyu Hwang 34948
Lee, K.-B. *see* Kim, S.-Y. 6202
Lee, K.-B. *see* Lee, S.-W. 6203
Lee, K.-C., Li, V.O.K. A wavelength-convertible optical network 6075
Lee, K.-F. *see* Au, T.-M. 21413
Lee, K.-J. *see* Wang, W.-L. 1185
Lee, K.-S. *see* Kim, T.W. 42474
Lee, K.C. *see* Junkin, G. 30900
Lee, K.C. *see* Kim, H.S. 36597
Lee, K.E., Lowe-ma, C.K., Higa, K.T. Pyrolysis studies of single-source precursors to gallium phosphide 41387
Lee, K.E. *see* Gedridge, R.W., Jr. 41386
Lee, K.F. *see* Chen, W. 29296
Lee, K.F. *see* Huang, X.D. 4531
Lee, K.F. *see* Liu, T.M. 20025
Lee, K.H. Failure detection of motors using artificial neural networks 8267
Lee, K.H. *see* Yu, C.H.D. 19851
Lee, K.J. *see* Park, J.Y. 13526
Lee, K.K. *see* Park, S.B. 44874
Lee, K.K. *see* So, A.T.P. 8258
Lee, K.K. *see* So, A.T.P. 25370
Lee, K.K.F. Open systems technology and the transformed business architecture—the accounting systems perspective 30421
Lee, K.L., Thomas, R.R., Viehbeck, A., O'Sullivan, E.J.M. Selective electroless plating on electron beam seeded nanostructures 26469
Lee, K.M., Jay Kuo, C.-C. Shape reconstruction from shading with perspective projection 22215
Lee, K.M., Kuo, C.-C.J. Unconstrained shape from shading 4985
Lee, K.R., Malocha, D.C., Sundaram, K.B. Investigation of PECVD silicon nitride films for surface wave devices 9709
Lee, K.R., Sundaram, K.B., Malocha, D.C. Deposition parameters studies of silicon nitride films prepared by plasma-enhanced CVD process using silane-ammonia 9757
Lee, K.R. *see* Miau, J.J. 6384
Lee, K.W. *see* Lee, C.K. 36961
Lee, K.Y., Choi, T.I., Ku, C.C., Park, J.H. Short-term load forecasting using diagonal recurrent neural network 24862
Lee, K.Y., Huang, W.S. Evaluation and application of a very high performance chemically amplified resist for electron-beam lithography 27961
Lee, K.Y. *see* Chao-Chee Ku 16515
Lee, K.Y. *see* Khaldi, M.R. 32221
Lee, K.Y. *see* Park, J.H. 24702
Lee, K.Y. *see* Ramaswamy, P. 16512
Lee, K.Y. *see* Ramaswamy, P. 16514
Lee, K.Y. *see* Rishton, S.A. 28164
Lee, K.Y. *see* Sun, S.C. 19854
Lee, K.Y. *see* Tanyel, M. 7439
Lee, K.Y. *see* Yun, J.S. 22785
Lee, K.Y.M. Speech coding standards 29554
Lee, L., Chun, H.W. An ANN approach to spare capacity planning 30290
Lee, L., Tseng, C., Hsieh, C. Improved tone concatenation rules in a formant-based Chinese text-to-speech system 4477
Lee, L. *see* Martens, J.S. 6757
Lee, L.-H. Dual mechanisms for metal-polymer contact electrification 44222
Lee, L.-W., Wang, J.-F., Lee, J.-Y., Chen, C.C. On the error distribution and scene change for the bit rate control of MPEG 4941
Lee, L.A. *see* Wolpert, S. 18929
Lee, L.C., Teo, S.C., Liu, X.D. In-process tool wear and failure measurement 31487
Lee, L.H., Ali, S.M., Lyons, W.G., Withers, R.S., Orlando, T.P. Full-wave analysis of superconducting microstrip lines on sapphire substrates 1382
Lee, L.H., Orlando, T.P., Lyons, W.G. Current distribution in superconducting thin-film strips 42138
Lee, L.P. *see* Burns, M.J. 2891
Lee, L.P. *see* de la Houssaye, P.R. 20214
Lee, L.P. *see* Martens, J.S. 28414
Lee, L.S. *see* Sun, S.C. 19854
Lee, L.Y. *see* Ngoh, L.H. 37583
Lee, M., Anderson, C.H., Weidner, R.J. State of the art in image processing 37049
Lee, M., Asada, K. Deep-submicrometer CMOS/SIMOX delay modeling by time-dependent capacitance model 11306
Lee, M., Asada, K. Sub-100 nm CMOS/SIMOX delay modeling by time-dependent gate capacitance model 19993
Lee, M., Fujishima, M., Asada, K. A high speed and low power on CMOS/SOI technology 20013
Lee, M., Rangarajan, A., Zubal, I.G., Gindi, G. A continuation method for emission tomography 39012
Lee, M. *see* Bae, M. 29539
Lee, M. *see* Bae, M. 29541
Lee, M. *see* Chen, R.T. 43778
Lee, M. *see* Gindi, G. 39025
Lee, M. *see* Peach, R.C. 34146
Lee, M.-J., Yee, J.R. A design algorithm for reconfigurable ATM networks 5254
Lee, M.-J., Yee, J.R. A design algorithm for reconfigurable ATM networks 30265
Lee, M.B., Fanning, T., Di Marzio, D., Casagrande, L.G., Dudley, M. Optimization of MBE of CdTe/CdTe: refinement in structural quality evaluation of MBE grown (111) CdTe 9534
Lee, M.C. *see* Dalkir, Y.R. 21251
Lee, M.C. *see* Wang Song, Q. 35533
Lee, M.H., Crebbin, G. Classified vector quantisation with variable block-size DCT models 36933
Lee, M.H. *see* Hwang, H. 4939
Lee, M.H. *see* Hwang, J.J. 4937
Lee, M.H. *see* Kang, S.S. 4659
Lee, M.H. *see* Park, J.Y. 13526
Lee, M.J. *see* Corbett, W.J. 7045
Lee, M.J. *see* Greenland, P. 47984
Lee, M.K., Peng, K.R., Chu, C.H. Porous silicon photodetector 38487
Lee, M.K. *see* Kim, J.G. 6251
Lee, M.K. *see* Yeh, M.Y. 42643
Lee, M.O., Asada, K. A new proposal for inverter delay improvement on CMOS/SOI future technology 18594
Lee, M.Y. *see* Han, W.S. 28032
Lee, N.-E., Tomasch, G.A., Xue, G., Markert, L.C., Greene, J.E. Crystal growth and electronic properties of ultrahigh vacuum ion-beam sputter deposited Sb-doped Si(001)2×1 34502
Lee, P. *see* Hassan, M.H. 46193
Lee, P. *see* Shoucri, M. 47189
Lee, P.C.Y., Wang, J. Vibrations of AT-cut quartz strips of narrow width and finite length 20094
Lee, P.C.Y., Yang, J.S. Vibrations of circular disk dielectric resonators 18978
Lee, P.C.Y., Yu, J.D. Guided *EM* waves in anisotropic dielectric plates 12685
Lee, P.H.Y. *see* Barter, J.D. 46620
Lee, P.J. *see* Cooley, L.D. 35258
Lee, P.P.K. *see* Tsai, Y.T. *(editor)* 17699
Lee, P.S. *see* Heinrich, S.M. 26188
Lee, P.S.N. Hong Kong as a communications hub: is deregulation enough? 13929
Lee, P.W., Pollock, C. Measurement of flux linkage in the hybrid stepping motor drive 40519
Lee, R., Chia, T.T. A hybrid ray/FDTD method for computing electromagnetic scattering from an engine cavity with a complex termination 41222
Lee, R., Moreno, W., Hernandez, O., Harrold, E., Whittaker, D. Rapid prototyping using laser restructurable VLSI circuits 18604
Lee, R., Tse-Tong Chia Analysis of electromagnetic scattering from a cavity with a complex termination by means of a hybrid ray-FDTD method 36135
Lee, R. *see* Lin, M.-R. 42694
Lee, R. *see* Yeung, M.S. 2341
Lee, R.B. *see* Saunders, W.A. 9604
Lee, R.B., III, Avis, L.M., Gibson, M.A., Thomas, S., Wilson, R. In-flight evaluations of tungsten calibration lamps using shortwave thermistor bolometers and active-cavity radiometers 23617
Lee, R.C.T. *see* Wang, D.P. 41132
Lee, R.E. *see* Broadwater, R.P. 32408
Lee, R.E. *see* Broadwater, R.P. 47502
Lee, R.G. *see* Casey, J.D., Jr. 42716
Lee, R.J. *see* Hook, T.G. 32601
Lee, R.Q. *see* Chen, W. 29296
Lee, R.Q. *see* Kai-Fong Lee 44567
Lee, R.Q. *see* Simons, R.N. 1622
Lee, R.Q. *see* Wei Chen 21407
Lee, R.T. *see* Harris, A. 8056
Lee, S., Liu, C.-C. Damping torsional oscillations using a SIMO static VAr controller 7858
Lee, S., Ray, A. Performance management of multiple access communication networks 30312
Lee, S., Ryum, B.R., Kwon, O.-J., Lee, J.-H. Effect of pad and interconnection parasitics on phase delay of transconductance in advanced bipolar transistors 2443
Lee, S., Schenker, P. Sensor planning with hierarchically distributed perception net 22228
Lee, S., Shimoji, S., Park, J. Neural net based robot visuo-motor coordination via 3D perception 22182
Lee, S., Ton, T., Zych, D., Dowben, P.A. Conductance in microcrystalline $B_{1-x}C_x$/Si heterojunction diodes 11137
Lee, S., Weicbold, M.H., Parker, D.L., Spencer, G.F. Simulation of defect assisted tunneling and its effect on I-V characteristics in resonant tunneling diodes 19742
Lee, S. *see* Chapman, C.L. 40964
Lee, S. *see* Ganapathiraman, R. 2242
Lee, S. *see* Murison, R. 20840
Lee, S. *see* Njinda, C.A. 28251
Lee, S. *see* Song, S. 355
Lee, S.-G. *see* Diebold, D.A. 32085
Lee, S.-G. *see* Zweidinger, D.T. 19778
Lee, S.-H. *see* Mangelsdorf, C. 27021
Lee, S.-H. *see* Mangelsdorf, C. 27024
Lee, S.-S., Allstot, D.J. Techniques for fast electro-thermal simulation of ICs 26630
Lee, S.-T. *see* Huang, L.J. 10878
Lee, S.-T. *see* Ko, K.-Y. 2081
Lee, S.-T. *see* Ko, K.Y. 2044
Lee, S.-T. *see* You, H.M. 27526
Lee, S.-W., Kim, S.-D., Kim, J.-H., Lee, K.-B., Jang, K.-H. Modified a posteriori mode decision for HD-MAC system 6203
Lee, S.C., Teowee, G., Schrimpf, R.D., Birnie, D.P., III, Uhlmann, D.R., Galloway, K.F. An I-V measurement method and its application for characterizing ferroelectric PZT thin films 43179
Lee, S.C. *see* Hwu, R.J. 1569

Lee, S.C. *see* Jung, Y.C. 37558
Lee, S.E., Holt, B.R. Neural network techniques for modeling sensor data 29597
Lee, S.G., Marhic, M.E. Holographic implementation of mirror-folded free-space crossbars 29041
Lee, S.G., McGinnis, B.P., Jin, R., Yumoto, J., Khitrova, G., Gibbs, H.M., Binder, R., Koch, S.W., Peyghambarian, N. Subpicosecond switching in a current injected GaAs/AlGaAs multiple-quantum-well nonlinear directional coupler 28984
Lee, S.G. *see* Marhic, M.E. 21093
Lee, S.H., Bergmann, R., Bauser, E., Queisser, H.J. Solution growth of silicon on Al-Si coated quartz glass substrates 41403
Lee, S.H. *see* Choi, B.S. 23346
Lee, S.H. *see* Kress, B.C. 21116
Lee, S.H. *see* Ma, J. 3375
Lee, S.H. *see* Ozguz, V.H. 35502
Lee, S.H. *see* Park, H.H. 34740
Lee, S.H. *see* Takahashi, H. 20497
Lee, S.H. *see* Wang, J.H. 28161
Lee, S.H. *see* Wong, A.K. 41719
Lee, S.H. *see* Yoo, J.S. 35842
Lee, S.H. *see* Zaleta, D. 20488
Lee, S.H. *see* Zaleta, D. 43570
Lee, S.J., Kim, K.H., Kim, H.Y., Lee, J.K., Nam, K.Y. Expert system-aided service restoration in distribution automation 24929
Lee, S.J. *see* Kim, T.W. 42474
Lee, S.K., Oh, C.H., Kim, Y.S., Park, J.S., Choi, Y.I., Jang, J., Han, M.K. Annealing effects of low pressure mercury and excimer laser light on degraded *a*-Si:H TFTs 34999
Lee, S.K., Oh, C.H., Kim, Y.S., Park, J.S., Han, M.K. Effects of excimer laser irradiation on the characteristics of a-Si:H TFT's 28151
Lee, S.K. *see* Chung, I.J. 11226
Lee, S.K. *see* Oh, C.H. 11228
Lee, S.L., Lin, S.J., Hwang, J. Effect of gas ambient on the resistance of BF_2^+ ion-implanted polycrystalline diamond film 19329
Lee, S.L., Tan, H.H., Tang, W.S. Orthonormal and non-orthonormal wavelet algorithms 13380
Lee, S.Ming *see* Ming Lee, S.
Lee, S.R. *see* Strane, J.W. 9513
Lee, S.R. *see* Strane, J.W. 33664
Lee, S.S., Hwang, S.H. State assignment scheme for two-level logic implementation based on a simulate annealing algorithm with a fast cost estimation method 1200
Lee, S.S., Minsek, D.W., Vestyck, D.J., Chen, P. Growth of diamond from atomic hydrogen and a supersonic free jet of methyl radicals 41468
Lee, S.S. *see* Lin, L.Y. 43488
Lee, S.T., Hall, J.A. A utility application study of energy storage dynamic benefits using DYNASTORE 33081
Lee, S.T. *see* Chou, W.C. 42472
Lee, S.U. *see* Cho, N.I. 13286
Lee, S.U. *see* Park, D.J. 22257
Lee, S.W. *see* Lo, Y.T. *(editor)* 26073
Lee, S.W. *see* Lo, Y.T. *(editor)* 26074
Lee, S.W. *see* Lo, Y.T. *(editor)* 26075
Lee, S.W. *see* Lo, Y.T. *(editor)* 26076
Lee, S.Y. A high betratron amplitude insertion for the SSCMEB lattice 7038
Lee, S.Y., Ball, M., Brabson, B., Caussyn, D.D., Collins, J., Curtis, S., Derenchuck, V., DuPlantis, D., East, G., Ellison, M., Ellison, T., Friesel, D., Hamilton, B., Huang, H., Jones, W.P., Lamble, W., Li, D., Minty, M.G., Nagaitsev, S., Sloan, T., Chao, A.W., Dutt, S., Syphers, M., Yan, Y., Tepikian, S., Gabella, W., Ng, K.Y., Peggs, S. Nonlinear beam dynamics experiments at the IUCF Cooler 7040
Lee, S.Y., Ng, K.Y., Trbojevic, D. Minimizing dispersion in flexible-momentum-compaction lattices 15468
Lee, S.Y., Saluja, K.K. An algorithm to reduce test application time in full scan designs 26854
Lee, S.Y. *see* Anderson, D.R. 7064
Lee, S.Y. *see* Caussyn, D.D. 7026
Lee, S.Y. *see* Caussyn, D.D. 38778
Lee, S.Y. *see* Dickmander, D.L. 47459
Lee, S.Y. *see* Ellison, M. 38779
Lee, S.Y. *see* Huang, H. 7044
Lee, S.Y. *see* Huang, H. 23976
Lee, S.Y. *see* Kelsey, T.P. 18678
Lee, S.Y. *see* Li, D. 6973
Lee, S.Y. *see* Minty, M.G. 7043
Lee, S.Y. *see* Pambianchi, M.S. 20181
Lee, S.Y. *see* Phelps, R.A. 38798
Lee, T. A circuit component placer for optimizing layout with arbitrarily shaped rectilinear and soft blocks 18433
Lee, T., Wong, S.B. An active triangular range finder and reflectance sensing using scanning mirror 15217
Lee, T. *see* Chung, F.-L. 4431
Lee, T. *see* Dukes, E.C. 31693
Lee, T. *see* Horowitz, M. 33939
Lee, T. *see* Kim, K. 14780
Lee, T. *see* Yoon, M. 7024
Lee, T. *see* Yoon, M. 15563
Lee, T.-C., Wolf, W.H., Jha, N.K. Behavioral synthesis for easy testability in data path scheduling 26888
Lee, T.-H., Rudduck, R.C. Overview of analytic techniques used in OSU Reflector Antenna Code 44579
Lee, T.-H. *see* Lin, J.-C. 37729
Lee, T.-H. *see* Rudduck, R.C. 44548
Lee, T.-W. *see* Yow, H.K. 28105
Lee, T.C. *see* Chen, T.P. 42845
Lee, T.C. *see* Nakano, T. 27732
Lee, T.D., McNamee, L.P. Aesthetic routing for transistor schematics 26585
Lee, T.D. *see* Tai, K. 12216
Lee, T.H. *see* Ma, Y.X. 16891
Lee, T.L. *see* Chang, T.C. 41456
Lee, T.M. *see* Sng, Y.H. 7713
Lee, T.M. *see* Wender, S.A. 7232
Lee, T.N. *see* Namkung, W. 15292
Lee, T.P. *see* Kikuchi, K. 28985
Lee, T.T. *see* Liew, S.C. 5379
Lee, T.Y.P., Guest, C.C. A binocular interaction neural network model using parallel channel architecture 24141
Lee, U.W., Bond, L.J. Characterization of ultrasonic imaging systems using transfer functions 7651
Lee, U.W., Bond, L.J. Characterising the performance of a confocal acoustic microscope 32124
Lee, V.W. *see* Weston, H.T. 28283
Lee, V.Y. *see* Moylan, C.R. 44073
Lee, W. *see* Chiang, W.P. 5357
Lee, W.-H., Park, Y.-J., Lee, J.D. A new recessed gate MOSFET structure with the graded source/drain 19866
Lee, W.-J. *see* Hsu, C.-S. 24822
Lee, W.-K. Tape surface smoothness characterization and protrusion shape of semiconductive compounds for power cables 39613
Lee, W.C. *see* Carin, L. 36170
Lee, W.C. *see* Pillai, S.U. 21898
Lee, W.C. *see* Shim, T.I. 13226
Lee, W.C. *see* Wollman, D.A. 2869
Lee, W.D., Heuring, J.J., Campbell, J.C. Frequency stabilization of $Al_xGa_{1-x}As$/GaAs lasers using velocity-selective magnetic-optical activity 3652
Lee, W.S., Dawe, P.J.G., Sitch, J.E., Hadjifotiou, A. Hybrid optical receivers with integrated electronics 45931
Lee, W.W.S. *see* Yung, E.K.N. 36377
Lee, W.Y. *see* Fricke, K. 43092
Lee, W.Y. *see* Lin, J.S. 38628
Lee, W.Y. *see* Martens, J.S. 28414
Lee, Y. *see* Bachler, J. 46934
Lee, Y. *see* Hayashi, G. 35498
Lee, Y. *see* Yamanishi, M. 3600
Lee, Y.-C. *see* Liu, Y. 4486
Lee, Y.-H. Improved shell mapping with coded modulation 4429
Lee, Y.-S. *see* Wong, S.-C. 33884
Lee, Y.C. RAIM availability for GPS augmented with barometric altimeter aiding and clock coasting 46138
Lee, Y.C., Etezadi-Amoli, M. An improved modeling technique for distribution feeders with incomplete information 32404
Lee, Y.C. *see* Xie, H. 314
Lee, Y.C. *see* Xie, H. 40950
Lee, Y.H., Ju, B.K., Yeom, T.H., Kim, D.H., Hahn, T.S., Choh, S.H., Oh, M.H. Luminescence and electron paramagnetic resonance studies of white-light emitting SrS:Pr, F thin film electroluminescent devices 35603
Lee, Y.H. *see* Chang, M.C. 19855
Lee, Y.H. *see* Huang, L. 2193
Lee, Y.H. *see* Rishton, S.A. 27550
Lee, Y.H. *see* Song, J.I. 20792
Lee, Y.H. *see* Zaslavsky, A. 43028
Lee, Y.J., Kamen, E.W. The SME filter approach to multiple target tracking with false and missing measurements 29642
Lee, Y.J., Kim, C.T., Hong, S.C., Kwon, Y.S. Transconductance compression near subthreshold of GaAs floated electron channel field effect transistor 19907
Lee, Y.J. *see* Moslehi, M.M. 28269
Lee, Y.P., Kim, S.K., Kang, J.S., Koo, Y.M., Jeong, J.I., Hong, J.H., Shin, H.J. Properties of Co/Pd multilayers prepared by UHV physical vapor deposition 11450
Lee, Y.P. *see* Jeong, J.I. 33677
Lee, Y.S. *see* Tam, W.K. 16953
Lee, Y.Y. *see* Huang, H. 7044
Lee Baek-Haeng *see* Baek-Haeng Lee
Lee Biing-Jye *see* Biing-Jye Lee
Lee Bo Na *see* Bo Na Lee
Lee Bongkuk *see* Bongkuk Lee
Lee Byeong Gi *see* Byeong Gi Lee
Lee Byeong-Hoon *see* Byeong-Hoon Lee
Lee Byeong-Yoon *see* Byeong-Yoon Lee
Lee Byung-Uk *see* Byung-Uk Lee
Lee Chak-Joo *see* Chak-Joo Lee
Lee Chan Woo *see* Chan Woo Lee
Lee Chang Ki *see* Chang Ki Lee
Lee Chang Woo *see* Chang Woo Lee
Lee Chang-Shu *see* Chang-Shu Lee
Lee Chang-Soo *see* Chang-Soo Lee
Lee Chee Qwun *see* Tong Loong Cheong 5419
Lee Chen-Yi *see* Chen-Yi Lee
Lee Cheol-Hi *see* Cheol-Hi Lee
Lee Cheol-Hoon *see* Cheol-Hoon Lee
Lee Cheol-Jin *see* Cheol-Jin Lee
Lee Chiapyng *see* Chiapyng Lee
Lee Chien-Ping *see* Chien-Ping Lee
Lee Chin-Hui *see* Chin-Hui Lee
Lee Ching-Her *see* Ching-Her Lee
Lee Chong Yee, Chan Sai Piu, Dinesh Prakash Mital A joint torque disturbance observer for robotic assembly 9239
Lee Chong Yee *see* Tan Boon Cheong 9238
Lee Chong Yee *see* Chong Yee Lee
Lee Choochon *see* Choochon Lee
Lee Choon Sae *see* Choon Sae Lee
Lee Choong Woong *see* Choong Woong Lee
Lee Chul Hee *see* Chul Hee Lee
Lee Chul Woo *see* Chul Woo Lee
Lee Chung Len *see* Chung Len Lee
Lee Chung Mong *see* Chung Mong Lee
Lee Dae Woo *see* Dae Woo Lee
Lee Dong-Choon *see* Dong-Choon Lee
Lee Dong-Ik *see* Dong-Ik Lee
Lee Duan-Shin *see* Duan-Shin Lee
Lee El-Hang *see* El-Hang Lee
Lee Eun Gu *see* Eun Gu Lee
Lee Fu-Shin *see* Fu-Shin Lee
Lee Gueesang *see* Gueesang Lee
Lee Gyu Chang *see* Gyu Chang Lee
Lee Hae-Seung *see* Hae-Seung Lee
Lee Hee-Jin *see* Hee-Jin Lee
Lee Heung-Kyu *see* Heung-Kyu Lee
Lee Hong-Woo *see* Hong-Woo Lee
Lee Hua *see* Hua Lee
Lee Hue *see* Hue Lee
Lee Hwa Ee *see* Hwa Ee Lee
Lee Hyuek-Jae *see* Hyuek-Jae Lee
Lee Ick Don *see* Ick Don Lee
Lee In Won *see* In Won Lee
Lee Inseop *see* Inseop Lee
Lee Jae Hak *see* Jae Hak Lee
Lee Jae Hwang *see* Jae Hwang Lee
Lee Jae Hyeok *see* Jae Hyeok Lee
Lee Jae Koo *see* Jae Koo Lee
Lee Jae Suk *see* Jae Suk Lee
Lee Jae Young *see* Jae Young Lee
Lee Jai-Hyung *see* Jai-Hyung Lee
Lee Jang Gyu *see* Jang Gyu Lee
Lee Jau-Yien *see* Jau-Yien Lee
Lee Jeng-Horng *see* Jeng-Horng Lee
Lee Jeong Yong *see* Jeong Yong Lee
Lee Ji Eun *see* Ji Eun Lee
Lee Jia-You *see* Jia-You Lee
Lee Jin-Fa *see* Jin-Fa Lee
Lee Jong Duk *see* Jong Duk Lee
Lee Jong Ho *see* Jong Ho Lee
Lee Jong Hyun *see* Jong Hyun Lee
Lee Jong Kyu *see* Jong Kyu Lee
Lee Jong-Min *see* Jong-Min Lee
Lee Jongbae *see* Jongbae Lee
Lee Joo Kwang *see* Joo Kwang Lee
Lee Joohack *see* Joohack Lee
Lee Joong Ho *see* Joong Ho Lee
Lee Joong-Hyun *see* Joong-Hyun Lee
Lee Jung Hoon *see* Jung Hoon Lee
Lee Jung-Hee *see* Jung-Hee Lee
Lee Jung-Pyo *see* Jung-Pyo Lee
Lee Jungwoo *see* Jungwoo Lee
Lee Junho *see* Junho Lee
Lee Kai-Fong *see* Kai-Fong Lee
Lee Kang-Soo *see* Kang-Soo Lee
Lee Ki Bog *see* Ki Bog Lee
Lee Ki-Kang *see* Ki-Kang Lee
Lee Kuan Min *see* Kuan Min Lee
Lee Kuan-Min *see* Kuan-Min Lee
Lee Kwyro *see* Kwyro Lee
Lee Kyu-Chan *see* Kyu-Chan Lee
Lee Kyung Ha *see* Kyung Ha Lee
Lee Liang-Wei *see* Liang-Wei Lee
Lee Lien-Hsiung *see* Lien-Hsiung Lee
Lee Lin-Shan *see* Lin-Shan Lee
Lee Long Jeng *see* Long Jeng Lee
Lee Min-Suk *see* Min-Suk Lee
Lee Min-Sup *see* Min-Sup Lee
Lee Ming-Trong *see* Ming-Trong Lee
Lee Moon Key *see* Moon Key Lee
Lee Moon-Yong *see* Moon-Yong Lee
Lee Nae-In *see* Nae-In Lee
Lee Nai-Chi *see* Nai-Chi Lee
Lee Ning-Chen *see* Ning-Chen Lee
Lee Ning-Cheng *see* Ning-Cheng Lee
Lee Ouseb *see* Ouseb Lee
Lee Pee-Yew *see* Pee-Yew Lee
Lee Pil Joong *see* Pil Joong Lee
Lee Rae Duk *see* Rae Duk Lee
Lee San-Hoon *see* San-Hoon Lee
Lee San-Yi *see* San-Yi Lee
Lee Sang Gil *see* Sang Gil Lee
Lee Sang Ho *see* Sang Ho Lee
Lee Sang Hoon *see* Sang Hoon Lee
Lee Sang Seol *see* Sang Seol Lee
Lee Sang Soo *see* Sang Soo Lee
Lee Sang Uk *see* Sang Uk Lee
Lee Sang Woo *see* Sang Woo Lee
Lee Sang-Lak *see* Sang-Lak Lee
Lee Sang-Shin *see* Sang-Shin Lee
Lee Sang-Soo *see* Sang-Soo Lee
Lee Sang-Yong *see* Sang-Yong Lee
Lee Sang-Yu *see* Sang-Yu Lee
Lee SangBae *see* SangBae Lee
Lee Seng Hin *see* Seng Hin Lee
Lee Seong-Hoon *see* Seong-Hoon Lee
Lee Seong-Kyu *see* Seong-Kyu Lee

Lee Seong-Whan *see* Seong-Whan Lee
Lee Seonghearn *see* Seonghearn Lee
Lee Seung Ho *see* Seung Ho Lee
Lee Seung Hoon *see* Seung Hoon Lee
Lee Seung Jae *see* Seung Jae Lee
Lee Seung-Hoon *see* Seung-Hoon Lee
Lee Shang Kyoo *see* Shang Kyoo Lee
Lee Shin-Wen *see* Shin-Wen Lee
Lee Shung-Wu *see* Shung-Wu Lee
Lee Si-Chen *see* Si-Chen Lee
Lee Si-Woong *see* Si-Woong Lee
Lee Soo Min *see* Soo Min Lee
Lee Soo-Young *see* Soo-Young Lee
Lee Soon-Gul *see* Soon-Gul Lee
Lee Sou-Chen *see* Sou-Chen Lee
Lee Su-Ling *see* Su-Ling Lee
Lee Suh-Yin *see* Suh-Yin Lee
Lee Sun Bok *see* Sun Bok Lee
Lee Sunwoo *see* Sunwoo Lee
Lee Taeck-Kie *see* Taeck-Kie Lee
Lee Tsern-Huei *see* Tsern-Huei Lee
Lee Tsing-Fa *see* Tsing-Fa Lee
Lee Tsung-Jen *see* Tsung-Jen Lee
Lee Tsung-Ying *see* Tsung-Ying Lee
Lee Uhn-Oh *see* Uhn-Oh Lee
Lee Wai-Fong *see* Wai-Fong Lee
Lee Wei-Yu *see* Wei-Yu Lee
Lee Wing Wah *see* Yam Lai Hang 26531
Lee Woo-Hyeong *see* Woo-Hyeong Lee
Lee Wu Il *see* Wu Il Lee
Lee Xiaobing *see* Xiaobing Lee
Lee Xin-wan, Xu De-ming, Wu Ke-qin, Song Liepu, Wu Xiang-ying The study of laser controlled semiconductor-loaded E-plane waveguide switch 27147
Lee Ya-Min *see* Ya-Min Lee
Lee Yang-Han *see* Yang-Han Lee
Lee Yeong Shyang *see* Yeong Shyang Lee
Lee Yi-Yeh *see* Yi-Yeh Lee
Lee Yillbyung *see* Yillbyung Lee
Lee Yim Kul *see* Yim Kul Lee
Lee Yin-Yu *see* Yin-Yu Lee
Lee Yong Eui *see* Yong Eui Lee
Lee Yong Hee *see* Yong Hee Lee
Lee Yong Ho *see* Yong Ho Lee
Lee Yong Jae *see* Yong Jae Lee
Lee Yong-Tak *see* Yong-Tak Lee
Lee Yong-Woo *see* Yong-Woo Lee
Lee Yoon Yung *see* Yoon Yung Lee
Lee Young Jun *see* Young Jun Lee
Lee Young Shin *see* Young Shin Lee
Lee Young-Keun *see* Young-Keun Lee
Lee Yun Sik *see* Yun Sik Lee
Lee Yun Woo *see* Yun Woo Lee
Lee-Chin Kuo *see* Rung-Ywan Tsai 3292
Lee-Fang Wei Coded M-DPSK with built-in time diversity for fading channels 45815
Leeb, W.R. *see* Neubert, W.M. 3473
Leeburn, K.W. *see* Lang, M.A.I. 39347
Leech, C.S., Jr. Moisture removal from hybrid electronic components and assemblies 19256
Leech, P. *see* Davis, T.J. 9627
Leech, P.W., Reeves, G.K. Properties of HgTe as a contact layer to n-$Hg_{1-x}Cd_xTe$ 19635
Leedham, C.G., Jones, P.E. Automatic sorting of Australian handwritten letter mail using OCR and address feature verification 29909
Leedham, R.J., McMahon, R.A. Design of a high speed power MOSFET driver and its use in a half-bridge converter 1064
Leedom, I. *see* Cushman, P. 24012
Leedom, I. *see* Hulbert, M. 7206
Leela, K. *see* Sridhar, V.R. 16505
Leem, J.Y. *see* Kim, D.Y. 702
Leeman, S., Costa, E.T. Large aperture hydrophones for field measurement and calibration 47303
Leemans, W. *see* Kim, K.-J. 43996
Leemans, W.P., Wallace, E.W., Xie, M., Kim, K.-J. Experimental test of hole-coupled FEL resonator designs using a CW-HeNe laser 28891
Leenaerts, D.M.W. Silicon compilation for mixed analog-digital design 957
Leenaerts, D.M.W. *see* Kruiskamp, M.W. 46992
Leerink, L.R., Jabri, M.A., Dutech, A.E. Detection of word-boundaries from continuous phoneme streams using simple recurrent neural networks 4567
Lees, A.R. Quality improvement in Pickering retubing/rehabilitation outages 16551
Lees, B. Inductor size minimization 27331
Lees, E.W. The role of new technologies in reducing energy demand 40678
Lees, J.-P. *see* Cattaneo, M. 38897
Lees, J.E. *see* Fraser, G.W. 24125
Leesang, A. *see* Cassell, J. 24687
Leeser, M. *see* Aagaard, M. 41849
Leeson, H.C. *see* Knight, D.J.E. 6294
Leeuw, G.de *see* de Leeuw, G.
Leeuw, R.W.de *see* de Leeuw, R.W.
Leeuwen, H.C.van *see* van Leeuwen, H.C.
Leeuwen, J.H.v. *see* Grabandt, O. 5915
Leeuwen, J.van *see* van Leeuwen, J.
Lefas, C.C. *see* Manolakis, D.E. 46089
Lefas, C.C. *see* Rekkas, C.M. 39162
Lefaucheur, J. *see* Chai, B. 18119
Lefaucheur, J. *see* Chai, B. 18121
Lefaucheur, J. *see* Chai, B. 18130
Lefaucheur, J. *see* Zhang, X.X. 20729
Lefebvre, B.J. *see* Orr, F.D. 5281
Lefebvre, J.E. *see* Gryba, T. 35513
Lefebvre, K.R. *see* Toivonen, M. 10722
Lefebvre, L. *see* Laroche, C. 16091
Lefebvre, M. *see* Bachelu, C. 35070
Lefebvre, M.C. *see* Kim-Minh Nguyen 34015
Lefebvre, P., Honkanen, S., Najafi, S.I., Tervonen, A. Nonsymmetrical two- and three-port Mach-Zehnder interferometers in glass by ion exchange 3137
Lefebvre, P. *see* Georgakilas, A. 33625
Lefebvre, P. *see* Honkanen, S. 3155
Lefebvre, P. *see* Saarinen, J. 3934
Lefebvre, S., Forest, F., Chante, J.P. Maximum switching frequency choice for IGBT used in ZCS mode 1058
Lefebvre, S., Forest, F., Costa, F., Chante, J.-P. Control optimization for IGBT in quasi-resonant circuits 32909
Lefebvre, T. *see* Dersen, H. 22749
Leferink, F.B.J. A triple-TEM cell: three polarisations in one setup 44433
Leferink, F.B.J., Puylaert, B.R.M. Accurate shielding effectiveness measurements using a reverberation room 44444
Lefeuvere, S. *see* Nyka, K. 26107
LeFevre, B.G. Reliability issues with connectors and splices 2991
Lefevre, B.G. Failure mechanisms and reliability of fiber optic connectors and splices 35377
Lefevre, P. *see* Asseo, E. 15383
Lefevre, P. *see* Cesari, G. 7470
Lefevre, R. *see* Hassaine, N. 5902
Lefevre, X. Mice and sailors. . .for the safety of navigation 23241
Lefevre, Y. *see* Clenet, S. 8343
Leff, B.J. Making sense of wireless standards and system designs 37836
Lefki, K. *see* Muret, P. 11138
Lefmann, W.C. *see* Auchincloss, P.S. 46953
Lefmann, W.C. *see* Kinnel, T.S. 38880
Lefort, A., Parizet, M.J., Jellouli, S., Bessege, R. Heat transfer from an electric arc to insulating wall 40372
Lefranc, E. *see* Pamart, J.L. 38032
Lega, J. *see* Moloney, J.V. 28948
Legac, M.L. *see* Fiche, G. 22726
Legagneux, P. *see* Stroh, R.J. 34952
Legat, D. Telecommunication system performance design on the basis of the queueing systems theory 45312
Legat, J.D. *see* Desneux, P. 30059
Legaud, P. *see* Murgulescu, M.-H. 34217
Legault, J.-P. Acoustical considerations for the CBC Broadcast Centre in Toronto 23265
Legeard, L., Marchand, P., Ambs, P., Esener, S. Encoding optimization of synthetic holograms recorded on a parallel access optical disk 11581
Legendijk, R.L. *see* Franich, R.E.H. 13553
Legenhausen, J., Sevalia, P. Second-level cache for the 80486 using a PLD-based cache controller 26936
Leger, A., Roumes, C., Gardelle, C., Cursolle, J.P., Kraus, J.M. Binocular HMD for fixed-wing aircraft: a trade-off approach 47200
Leger, J.M. *see* Lamy, C. 17296
Leger, J.R., Chen, D., Zhong Wang Diffractive optical element for mode shaping of a Nd:YAG laser 28921
Leger, J.R., Mowry, G. External diode-laser-array cavity with mode-selecting mirror 12134
Leger, M. *see* Ho, E.T.C. 8081
Legg, G. Microcontrollers embrace fuzzy logic 26985
Legg, P.J. *see* Hunter, D.K. 5670
Legg, T.H. A new aperture plane method of measuring antenna surface errors 44594
Legge, E.R. *see* Tilson, P.G. 16493
Legge, G.J.F. *see* Sexton, F.W. 35074
Leggett, A.J. *see* Wollman, D.A. 2869
Leggieri, G. *see* Mihailescu, I.N. 813
Legin, A.V., Bychkov, E.A., Vlasov, Yu.G. Thin-layer chemical sensors based on chemically deposited and modified chalcogenide glasses 6468
Legler, K. *see* Thakur, R.P.S. 2175
Legnani, G. *see* Umberto Minoni 36092
Legnani, M., Maranesi, P., Naummi, G. SILC: a novel phase-shifted PWM converter 16967
Legorburu, L. *see* Alba, J.J. 32263
LeGoues, F.K., Tersoff, J., Tromp, R.M., Jesson, D.E., Pennycook, S.J., Tischler, J.Z., Budai, J.D., Baribeau, J.-M., Houghton, D.C. Surface morphology and alloy ordering in epitaxial growth of SiGe [comment with reply] 9569
Legoues, F.K. *see* Beach, D.B. 41489
LeGoues, F.K. *see* Powell, A.R. 41357
Legowski, S. *see* Szatkowski, J. 10662
LeGrady, J. High speed interconnect allows parallel board stacking 34453
Legrain, R. *see* De Filippo, E. 46876
Legrand, J.F. *see* Bah, S. 11407
Legras, R., Le Si Dang, Bodin, C., Cibert, J., Marcenat, F., Feuillet, G., Pautrat, J.L., Herve, D., Molva, E. Stimulated emission and optical gain in CdTe/CdMnTe graded index separate confinement heterostructures 43876
Legressus, C. *see* Vallayer, B. 35121
Legros, D., Maissa, P., Simile, M., Vernotte, V., Ahr, O., Franche, C. MORICE: a continuous on-line diagnostic system for power plant boilers 32648
Legros, E. *see* Berthier, P. 38122
Legros, E. *see* Bruno, A. 11884
Legros, F., Rochefort, J.-L., Roussel, Y., Brault, D., Gouronnec, A., Louboutin, J.-P. Optical ribbon cables 38028
LeGros, M. *see* Pfafman, T.E. 20123
Legros, R. *see* Rousset, A. 42257
Legros, W. Numerical modelling in electrotechnology 26388
Legros, W. *see* Dubois, J. 25595
Legros, W. *see* Fourgon, C. 25575
Legtenberg, R. *see* Bouwstra, S. 46343
Legtenberg, R. *see* Tilmans, H.A.C. 38483
Leguan Gu *see* Gu Leguan
Leguizamon, G. *see* Aguirre, G. 45529
Lehan, K. *see* Gregor, P. 22744
Lehar, F. *see* Comby, G. 42376
Lehecka, T. *see* Lehmberg, R.H. 35952
Leherissier, P. *see* Sortais, P. 15591
Lehiste, I., Fox, R.A. Influence of duration and amplitude on the perception of prominence by Swedish listeners 4510
Lehm, J., Pospisil, J., Hochman, P. The earth protection of the alternator rotor 32842
Lehman, F.L. Automated data acquisition and load and strain measurement resolution 23909
Lehman, J.H. *see* Phelan, R.J., III 23588
Lehman, R., Carpenter, G., Hien, N. Concurrent network management with a distributed management tool 5383
Lehmann, A. *see* Eberl, K. 41341
Lehmann, A.W., Mendlovic, D. Circular harmonic filters for rotation invariant pattern recognition 13513
Lehmann, D. Electronic package inspection with microfocus X-ray 9277
Lehmann, D. *see* Michel, C.M. 31940
Lehmann, D. *see* Strik, W.K. 31912
Lehmann, F., Seising, R., Walther-Klaus, E. Simulation of learning in communication networks 30423
Lehmann, H. Experience with the commissioning and operation of four steam generator plants with retrofitted GEKO feed step grates at Friedrichshagen heating power plant of Energieversorgung Berlin AG 32721
Lehmann, H.W. *see* Arnot, H.E.G. 27684
Lehmann, K. *see* Zaengl, W.S. 38372
Lehmann, K.J. *see* Busch, H.P. 15799
Lehmann, P. *see* Burger, P. 5349
Lehmann, S. *see* Marowsky, G. 28996
Lehmann, W. *see* Badger, D. 14771
Lehmann, W.M. Nuclear energy in justification 32582
Lehmann, W.M. Reactor safety for the East 32622
Lehmberg, R.H., Obenschain, S.P., Pawley, C.J., Pronko, M.S., Deniz, A.V., Lehecka, T. Effects of random phase distortion and nonlinear optical processes on laser beam uniformity with induced spatial incoherence (ISI) 35952
Lehn, J.M. *see* Messier, J. 12356
Lehn, W. *see* Ferens, K. 29915
Lehner, E.A. *see* Gabor, A.H. 11008
Lehner, J.W. *see* Cousins, R.A. 16257
Lehner, N. *see* Czech, G. 28048
Lehnert, R. Distributed simulation for performance evaluation of broadband communication networks 5138
Lehnert, T. *see* Lopez Fernandez, J.A. 27240
Lehoczky, S.L. *see* Yi-Gao Sha 34507
Lehr, G. *see* Adler, F. 27553
Lehr, G. *see* Griesinger, U.A. 27923
Lehr, G. *see* Prins, F.E. 27542
Lehr, H., Ehrfeld, W., Moser, H.O., Schmidt, M., Herminghaus, H., Anton, F., Klein, H.-U., Krischel, D. Hard X-ray synchrotron light source for industrial and materials research applications 15324
Lehr, M. *see* Widrow, B. 29571
Lehr, M. *see* Widrow, B. 29690
Lehr, M.U. *see* Klimakow, A. 33581
Lehtio, A., Lakervi, E., Talala, P. The detection of partial discharges in power transmission networks using the radio interference measurement technique 8027
Lehtio, A., Pakonen, P., Kannus, K., Lakervi, E. Recognition of electrical discharges in SF_6 and atmospheric air by RFI measurements 35130
Lehtio, A. *see* Pakonen, P. 11350
Lehtola, E.A. *see* Lindell, I.V. 3984
Lehtonen, M. Distribution automation takes shape in Finland 16307
Lehtonen, M. Harmonic losses and the load carrying capacity of power system components in industrial networks 24623
Lehy, D. *see* Witmer, S.B. 2471
Lei, C. *see* Deppe, D.G. 35930
Lei, F., Fischer, J. Characterization of photodiodes in the UV and visible spectral region based on cryogenic radiometry 23606
Lei, M.D. *see* Hsu, S.L. 19651
Lei, T., Zhao, Z., Sewchand, W. On the spatial correlation of some computed images 4904
Lei, T. *see* Bar-Yam, Y. 1835
Lei, T. *see* Molnar, R.J. 18196
Lei, T. *see* Moustakas, T.D. 9735
Lei, T.F. *see* Wu, S.-L. 11129

Lei, X.L. Hot-electron magneto-miniband transport in lateral semiconductor superlattices 1890
Lei, X.L. *see* Wang, X.F. 34593
Lei Cao *see* Bao-Gen Shen 2792
Lei Chun-Qi *see* Li Zhao-Quan 32328
Lei He, Kaihe Zhang, Pushan Tang An efficient feedback processing method for relaxation based fast timing simulation 18672
Lei Jian Liu, De Shen Xia, Jing Yu Yang, Wen Qing Gao A new texture-based segmentation approach for diagnosis of lung cancer 24227
Lei Jian Liu, Jing Yu Yang, Jian Feng Lu Data fusion for detection of early stage lung cancer cells using evidential reasoning 31846
Lei Jian Liu, Yu Long Cao, Hua Feng Wang, Jing Yu Yang A cytological color image processing system for diagnosis of lung cancers 24226
Lei Lin *see* Jain, V.K. 18776
Lei Ma *see* Ma Lei
Lei Shaw-Min *see* Shaw-Min Lei
Lei Tah Fu *see* Tah Fu Lei
Lei Tan Fu *see* Tan Fu Lei
Lei Tan-Fu *see* Tan-Fu Lei
Lei Wang, Clark, J.J. Shape from active shadow motion 4976
Lei Wang *see* Wang Lei
Lei Xiaomeng *see* Xiaomeng Lei
Lei Xu *see* Zhi-Min Dai 43959
Lei Yu *see* Liu Le-Shan 31510
Lei Yuong-Wei *see* Yuong-Wei Lei
Lei Zhang *see* Liphardt, M. 28423
Lei Zhang *see* Zhang Lei
Lei Zhaodi *see* Ye Yutang 23662
Lei Zhaodi *see* Ye Yutang 38523
Lei Zhuanheng *see* Chen Yu 6924
Leibenguth, R.E. *see* Bethea, G.C. 23727
Leibenguth, R.E. *see* Bo Lu 45734
Leibenguth, R.E. *see* Catchmark, J.M. 12218
Leibenguth, R.E. *see* Chirovsky, L.M.F. 20491
Leibenguth, R.E. *see* Choquette, K.D. 3605
Leibenguth, R.E. *see* Choquette, K.D. 28817
Leibenguth, R.E. *see* Choquette, K.D. 35927
Leibenguth, R.E. *see* Freund, J.M. 3863
Leibenguth, R.E. *see* Kojima, K. 3579
Leibenguth, R.E. *see* Morgan, R.A. 20829
Leibenguth, R.E. *see* Pan, Z.G. 12137
Leibenguth, R.E. *see* Sarusi, G. 38495
Leibenguth, R.E. *see* Song, J.I. 20792
Leibenguth, R.E. *see* Swaminathan, V. 3864
Leibenguth, R.E. *see* Swaminathan, V. 6504
Leibenguth, R.E. *see* Vakhshoori, D. 20764
Leibenguth, R.E. *see* Wiesenfeld, J.M. 12192
Leibenguth, R.E. *see* Zhou, P. 20570
Leibfried, T.F., Jr. *see* Davari, S. 5547
Leibholz, D. *see* McKinney, D. 41920
Leible, K.D. *see* Steck, M. 7061
Leibovitch, H. *see* Dickstein, P.A. 9831
Leibovitch, M. *see* Muret, P. 11138
Leibowitz, H.M. Operating experiences on the 3 MW Kalina cycle demonstration plant 32748
Leibowitz, J.D. Performance comparison of unidirectional crossplied aramid fibre substrates 33384
Leibowitz, M. *see* Aizenbud, Y. 1120
Leich, H. Technique of speech coding 21662
Leich, H. *see* Deketelaere, S. 13145
Leich, H. *see* Dutoit, T. 4573
Leich, H. *see* Dutoit, T. 13113
Leich, H. *see* Dutoit, T. 29520
Leich, H. *see* Jun, H. 13132
Leich, H. *see* Quesne, F. 13042
Leich, H. *see* Renard, J.-P. 4570
Leich, H. *see* Renard, J.-P. 13159
Leich, H. *see* Yang, G. 4571
Leich, H. *see* Yang, G. 14312
Leich, M. *see* Gao, Y. 5872
Leichte, W. *see* Georgi, W. 6867
Leickel, T., Fettweis, A. Implementation of modified wave digital filters by floating-point digital signal processors 13413
Leiderer, P. *see* Backe, H. 47013
Leiderer, P. *see* Bechinger, C. 34677
Leiderman, A.Yu., Badaev, S.V. Efficiency of photovoltaic converters with metastable impurity centers 40480
Leidich, F.U. *see* Bohme, O. 40460
Leier, H., Narozny, P., Dambkes, H., Bachem, K.H. Influence of new materials on the performance of HBTs for applications to the 10-40 GHz range 27249
Leifang Hu *see* Hu Leifang
Leifer, M.C. Junction temperature measurements in reverse-biased PIN diodes 34906
Leigh, A.B., Pal, S.K. Automated digital motion-video abstraction: a fuzzy measure approach 36797
Leigh, P.A., Cox, R.M., Dobson, P.J. Au/Pd/Te ohmic contacts on n-type InP 42562
Leight, J.E. *see* Willner, A.E. 5641
Leighton, H.G. *see* Sakellariou, N.K. 7599
Leighton, J. *see* Keck, S. 33368
Leighton, P. *see* Benfield, R.A. 8150
Leijon, M. *see* Bengtsson, T. 2694
Leijon, M. *see* Ming, L. 11347
Leijon, M.A.S., Karlsson, J., Li Ming, Bengtsson, T., Hoff, P., Nordin, R., Holm, A. The basis for the development of on-site failure preventing technique of GIS in Sweden 48036
Leijon, M.A.S. *see* Bergquist, H. 11379
Leijon, M.A.S. *see* Nordin, R.S.B. 8680
Leilabady, P. *see* Borley, S.J. 38113
Lein Harn, Hung-Yu Lin An oblivious transfer protocol and its application for the exchange of secrets 13903
Lein Harn, Shoubao Yang Public-key cryptosystem based on the discrete logarithm problem 21572
Lein Harn *see* Chi Sung Laih 12972
Lein Harn *see* Chi-Sung Laih 12894
Lein Harn *see* Hung-Yu Lin 12971
Lein Wu San *see* San Lein Wu
Leinfellner, H. Electric motor-car technology in Austria 40584
Leininger, M. Computation of the influence of external fields on inhomogeneous multiconductor transmission lines 44483
Leinonen, K. *see* Huhtinen, M. 7183
Leinonen, K. *see* Siivola, J. 31828
Leins, M. *see* Schwarze, V.S. 39341
Leiper, D. Application of expert systems in coordinated control & protection [of power systems] 16256
Leipertz, A. *see* Kampmann, S. 15230
Leipnitz, M.M. *see* Goel, A.K. 11284
Leipold, D., Kehrli, U., Delley, B., Thelen, K., Patterson, B.D. An AlGaAs/GaAs OEIC structure for the integration of LEDs, MESFETs and photodetectors 11896
Leirner, A. *see* Moura, L. 39049
Leisching, P. *see* Waschke, C. 44119
Leisi, H.J. *see* Badertscher, A. 7311
Leising, G., Grem, G., Leditzky, G., Scherf, U. Electroluminescence devices with poly(paraphenylene) and derivatives as the active material 35598
Leising, G. *see* Sommariva, H. 29141
Leistad, J.E. Fibre-optic cables for the subscriber network 14640
Leisten, R. *see* Jornsten, K. 18044
Leistiko, O. *see* Clausen, T. 27569
Leistiko, O. *see* Clausen, T. 42559
Leistner, D. Low noise amplifier at L-and Ku-band for space applications in coplanar technology 27270
Leisure, G.P. *see* Nelson, A.D. 24251
Leitch, A.W.R., Alberts, V., Neethling, J.H. Electrical properties of organometallic vapour phase epitaxial GaAs grown on Si substrates 42463
Leitch, A.W.R. *see* Botha, J.R. 10821
Leitch, J.E. Cable support systems under corrosive conditions 42268
Leitch, R. *see* Moinpour, M. 34706
Leite, M. *see* Fraga, M.M. 15655
Leite, N.J., Bertrand, G. A flexible cellular processor for image processing applications 45089
Leite da Silva, A.M. *see* Melo, A.C.G. 24609
Leites, L.V. *see* Aleksandrov, V.V. 40289
Leitgeb, N. Analysis of epidemiological studies on cancer risks caused by magnetic fields 7497
Leitgeb, N. Electrosmog: threat or nonsense? 15930
Leitgeb, W. Field weakening of permanent-magnet excited traction motors 8909
Leith, D. *see* Ramachandran, G. 30124
Leith, D.W.G.S. *see* Abe, K. 7260
Leith, D.W.G.S. *see* Abe, K. 15619
Leith, D.W.G.S. *see* Abe, K. 46930
Leith, E.N. *see* Sun, P.-C. 36066
Leithead, W.E., Rogers, M.C.M. A comparison of the performance of constant speed HAWT's 25335
Leithead, W.E. *see* Connor, B. 25290
Leitner, A. *see* Aussenegg, F.R. 31333
Leitner, J. *see* Stepanek, B. 41243
Leitschuh, R. Testing of printed circuits as ASICs 19217
Leitz, W. Design criteria for and evaluation of phantoms employed for mammography 15786
Leitz, W. *see* Eklund, S. 15790
Lejay, B. *see* Ghomi, M. 29337
Lejeune, C., Sheng, Y. Optoneural system for invariant pattern recognition 22019
Lekas, J.S. *see* Wirzbicki, M.A. 19681
Lekens, G. *see* De Schepper, L. 26168
Lekhovitskii, D.I. Generalized Levinson algorithm and universal lattice filters 13184
Lekkala, J. *see* Viitanen, J. 31368
Lekkala, J. *see* Vitanen, J. 38611
Lekkerkerker, O.P. *see* Von Der Linden, M.B. 33029
Lelak, J. *see* Slaninka, P. 32434
Leland, W. *see* Doverspike, R.D. 37171
Leland, W.E., Willinger, W., Taqqu, M.S., Wilson, D.V. On the self-similar nature of Ethernet traffic 30381
Leland, W.T. *see* Harris, D.B. 3422
Leland, W.T. *see* Sullivan, J.A. 3426
Leleux, P. *see* Delbar, T. 46831
Lelievre, A. *see* Boulaire, J.Y. 5263
Lelis, A.J., Oldham, T.R. Reliability effects of X-ray lithography exposures on submicron-channel MOSFETs 34980
Leljeby, L. *see* Abrahamsson, K. 15584
Lelong, I.O. *see* Blumina, M. 19539
Lema, F. *see* Sanz-Gonzalez, J.L. 10336
Lemahieu, I. *see* Bastiaens, K. 47051
Lemahieu, I. *see* Manhaeghe, C. 24261
Lemaire, J.-L. Investigation on the limitation of polarized ion beams produced by an electron beam ionizer 31628
Lemaire, L. *see* Archambeault, B. 44461
Lemaire, M.C. *see* Aleksan, R. 46903
Lemaire, P.J. *see* Mizrahi, V. 3023
Lemaire, P.J. *see* Partovi, A. 35307
Lemaire, R., Champigny, B. The DC motor without maintenance for electric vehicles 48281
Lemaire, V. *see* Lecroart, A. 23026
Lemaitre, S. *see* Eversheim, P.D. 31625
Lemaitre, S. *see* Paetz gen. Schieck, H. 31626
Lemaitre, V. *see* Konijn, J. 24087
Lemaitre, Y. *see* Mage, J.C. 27137
Lemanov, V.V., Pavlov, S.T., Pivovarov, I.S. Electric field-controlled ferroelectric-superconductor structures with memory 35291
Lemarquand, G. *see* Yonnet, J.-P. 43323
Lemay, J., Fournier, L. The residential market for broadcast services and multimedia applications 37222
Lemay, M.A., Crago, P.E., Katorgi, M., Chapman, G.J. Automated tuning of a closed-loop hand grasp neuroprosthesis 15920
Leme, C.A., Baltes, H. Multi-purpose interface for sensor systems fabricated by CMOS technology with post-processing 6393
Leme, C.A. *see* Boltshauser, T. 6439
Leme, C.Azeredo *see* Azeredo Leme, C.
Lemeilleur, F. *see* Bates, S. 24057
Lemelin, G., Lessard, R.A. New coding technique to obtain multilevel computer-generated holograms in one step 12430
Lemelin, G., Lessard, R.A. Simple semicontinuous holographic optical elements 21107
Lemelin, G. *see* Leclere, P. 12476
Lemelin, G. *see* Li Song 6594
Lemerle, S. *see* Cartledge, J.C. 43536
Lemieux, G.G., Brown, S.D. A detailed routing algorithm for allocating wire segments in field-programmable gate arrays 18410
Lemin Li *see* Pu Liu 14255
Leminger, O. *see* Zengerle, R. 12663
Leminger, O. *see* Zengerle, R. 35451
Lemke, S., Hebrank, F., Fominaya, F., Gross, R., Huebener, R.P., Weimann, T., Popel, R., Niemeyer, J., Schnakenberg, U., Benecke, W. Superconducting Nb/AlO_x/Nb tunnel junctions on micromachined silicon substrates 20198
Lemke, S. *see* Hebrank, F. 23968
Lemm, A.W. Accelerated aging characteristics of polyesters in different environs 43202
Lemme, H. Nickel hydride—the alternative accumulator. Higher energy density and considerably less poison 25644
Lemme, H. *see* Nelson, C. 18483
Lemmer, H.H. Adaptive tests for the median 18005
Lemmer, S., Meisberger, F., Sezi, T. Distance protection with signal-processor technique for the ultra-high voltage level 16449
Lemmer, S., Sezi, T. Assurance of digital protection equipment software quality 32473
Lemnean, N., Dogaru, I., Katona, L., Cardu, M. On the achievement of some experimental MHD power generators 17410
Lemnean, N., Ilie, G., Adam, A., Mihai, D., Simion, D. Theoretical-experimental researches on the acceleration of the heat exchange in the GMHD-03 combustion chamber [MHD generators] 25746
Lemnios, Z.J. Beyond MMST: the virtual factory [IC manufacture] 33339
Lemoff, B.E. *see* Barty, C.P.J. 20697
Lemoine, H. PACEO: the Electronic Components Plan of the French Ministry of Defense 17817
Lemoine, J., Semedard, J.-C., Kather, A. Supercritical steam generators for advanced coal-fired power plants 39960
Lemoine, T. *see* Charrier, M. 28548
Lemoine, T. *see* Vergnolle, C. 24410
Lemon, S. *see* Doughty, D.C. 15664
Lemonche, P., Polese, P. Prospects for evolution to the target integrated broadband communications network 22652
Lemonias, P.J. *see* Hoke, W.E. 19528
Lemonier, M., Tarridec, A. ATM platform for the Brehat project multiservice multiplexer 45700
Lemorton, J. *see* Wallez, C. 47289
Lemos, C.J. *see* Marshall, G.F. 38306
Lemppenau, W. *see* Zurfluh, E.A. 5466
Len, L.K. *see* Godlove, T.F. 31785
Len Lee Chung *see* Chung Len Lee
Lena, G.Di *see* Di Lena, G.
Lenahan, P.M. *see* Conley, J.F., Jr. 34631
Lenahan, P.M. *see* Yount, J.T. 19550
Lenane, S. New "intuitive" screenphones for advanced telephony services 22696
Lenarcic, J., White, S. The genesis of EON-QUEST: problems encountered in the initial design phase of an interactive multimedia learning environment for arithmetical problem solving 37235
Lendenmann, H. *see* Bauer, F. 32965
Lendenmann, H. *see* Fichtner, W. 2639
Leners, R., Francois, P.L., Stephan, G. Simultaneous effects of gain and loss anisotropies on the thresholds of a bipolarization fiber laser 35760
Leng, P. *see* Charlton, C. 1125
Leng, P.H. *see* Dunne, P.E. 1127

Leng Goh Keng *see* Keng Leng Goh
Leng Jiabo Design of X band 360° analog phase shifter 1586
Leng Xiang A note on L^{∞}-estimate for the Wilson rectangular element 18108
Lengauer, T. *see* Theune, D. 27364
Lengfellner, H. *see* Huggard, P.G. 23642
Lenggenhager, R., Baltes, H., Elbel, T. Thermoelectric infrared sensors in CMOS technology 6489
Lengyel, M. *see* Balazs, J. 11671
Lenhard, R. *see* Bosio, C. 15618
Lenhart, W.J. *see* Jennings, G.F. 4858
Lenisa, P. *see* Aleksandrov, A.V. 38805
Lenisa, P. *see* Calabrese, R. 34473
Lenisa, P. *see* Calabrese, R. 38804
Lenisa, P. *see* Ciccacci, F. 38806
Lenkkeri, J., Rusanen, O. Conductive adhesives as die-bonding materials for power electric modules 19269
Lennartz, W. Boundary scan testing via serial test module 41724
Lennert, P. *see* Martens, K. 46914
Lennert, P. *see* Siebert, H.-W. 46896
Lennig, M., Sharp, D., Labov, W., Wallace, B. Unleashing the potential of human-to-machine communication 36594
Lennig, M. *see* Boulianne, G. 29561
Lennig, M. *see* Kenny, P. 29560
Lennon, M.J.J. *see* Smith, P.J. 21623
Lennon, S., Ambikairajah, E. A two-layer Kohonen neural network using a cochlear model as a front-end processor for a speech recognition system 4490
Lennon, W. *see* Brackett, C.A. 6056
Lenormand, R. *see* Cances, J.-P. 22918
Lensa, W.Von *see* Von Lensa, W.
Lensen, H.A. *see* de Vries, J.S. 29775
Lensink, A. *see* van den Broek, W. 22911
Lenssen, K. *see* Jakobs, K. 37438
Lenstra, A.K. *see* Dixon, B. 29480
Lenstra, D., van Tartwijk, G.H.M., van der Graaf, W.A., De Jagher, P.C. Multi-wave mixing dynamics in a diode laser 44124
Lenstra, K. *see* Schellekens, H. 40361
Lenstra, K. *see* Schellekens, H. 40362
Lent, C.S., Tougaw, P.D. Lines of interacting quantum-dot cells: a binary wire 19381
Lent, C.S. *see* Tougaw, P.D. 33990
Lenth, W. *see* Kozlovsky, W.J. 28873
Lenti, V. *see* Beker, H. 7152
Lentine, A.L. Circuit model of a multiple-quantum-well diode 43628
Lentine, A.L., Tooley, F.A.P. Relationships between speed and tolerances for self-electro-optic-effect devices 43510
Lentine, A.L. *see* Chirovsky, L.M.F. 20491
Lentine, A.L. *see* Cloonan, F.J. 43679
Lentine, A.L. *see* McCormick, F.B. 20492
Lentine, A.L. *see* McCormick, F.B. 43584
Lentine, A.L. *see* Tooley, F.A.P. 20398
Lentke, H. Optical wavelength multiplexer for local area networks 30824
Lentz, V.A. *see* Stanford, J. 40893
Lenz, H. *see* Buchholz, H. 8942
Lenz, J. *see* Stauffer, D. 39334
Lenzen, G., Schyns, E., Thadome, J., Werner, J. The use of fluorocarbon radiators in the DELPHI RICH detectors 46932
Lenzen, G. *see* Adam, W. 7259
Lenzen, G. *see* Adam, W. 31715
Lenzen, G. *see* Adam, W. 46929
Lenzen, H. *see* Fiebich, M. 15803
Lenzer, J. *see* Hermann, A. 37314
Lenzini, L. *see* Conti, M. 5580
Lenzini, L. *see* Conti, M. 22360
Leo, G., Galluzzi, G., Guattari, G., Vincenzoni, R., Demichelis, F., Crovini, G., Pirri, C.F., Tresso, E. Relations among structural and optoelectronic properties in a-SiC:H films with high C content and high photoconductivity 28608
Leo, G. *see* Galluzzi, F. 33027
Leo, G. *see* Vincenzoni, R. 27607
Leo, K. *see* Emmerichs, U. 21015
Leo, K. *see* Kohl, A. 9643
Leo, K. *see* Lucovsky, G. 27601
Leo, K. *see* Stephens, D.J. 21016
Leo, K. *see* Waschke, C. 44119
Leo, K. *see* Yasuda, T. 34618
Leo, R.De *see* De Leo, R.
Leon, B. *see* Fernandez, D. 41453
Leon, B. *see* Gonzalez, P. 2146
Leon, F.de *see* de Leon, F.
Leon, G., Yelmo, J.C., Sanchez, C., Carrasco, F.J., Gil, J.J. An industrial experience on LOTOS-based prototyping for switching systems design 30578
Leon, M.A. Orientated linear time-varying models approximating the variational state equations of nonlinear electrical networks 41622
Leon, M.A. An approach to the setting up of the explicitly orientated normal state model of nonlinear networks 41623
Leon, M.Garcia de *see* Garcia de Leon, M.
Leon, T., Vercher, E. An optimality test for semi-infinite linear programming 555
Leon, V.J. *see* Wu, S.D. 26283
Leon-Garcia, A. *see* Karvelas, D. 14194
Leon-Garcia, A. *see* Khansari, M.R.K. 13224
Leon-Garcia, A. *see* Khansari, M.R.K. 44742
Leon-Garcia, A. *see* Peifang Zhou 30068
Leon-Garcia, A. *see* Sharifi, K. 36819
Leon-Garcia, A. *see* Sze Keong Chan 30178
Leon-Garcia, A. *see* Xiaobing Lee 29965
Leonard, B. Understanding data converters' frequency domain specifications 10226
Leonard, C.M. *see* Vemuri, B.C. 37032
Leonard, D., Krishnamurthy, M., Reaves, C.M., Denbaars, S.P., Petroff, P.M. Direct formation of quantum-sized dots from uniform coherent islands of InGaAs on GaAs surfaces 10713
Leonard, D. *see* Hoeffelman, J. 24924
Leonard, D. *see* Hu, S.Y. 12091
Leonard, G., Toft, B., Tollefson, J., Pundak, N., Admon, D. Miniature FPA/IDCA—progress report 31288
Leonard, J. *see* Koval, D.O. 9016
Leonard, J. *see* Liu, C. 14872
Leonard, J.D. *see* Gee, A. 29773
Leonard, J.J., Bellingham, J.G. Directed sensing strategies for feature-relative navigation 30924
Leonard, J.J., Moran, B.A. Sonar data fusion for 3-D scene reconstruction 46114
Leonard, J.J. *see* Cox, I.J. 44846
Leonard, J.L. *see* Boysel, R.M. 3146
Leonard, M. PCMCIA-sized radio links portable WLAN terminals 5463
Leonard, M. FDDI rides twisted pair to the desktop 5507
Leonard, M. Sophistication spurs on modem technology 5636
Leonard, M. Feature-rich chip set powers data-fax modems 37648
Leonard, M. *see* Dalal, V.L. 33713
Leonard, M. *see* Dalal, V.L. 41464
Leonard, Q. *see* Di Fabrizio, E. 27925
Leonard, Q. *see* Guo, J.Z.Y. 27977
Leonard, Q. *see* Reilly, M.T. 11078
Leonard, R. ATSR-2 Electrical Ground Support Equipment software design and development 47219
Leonard, R.H. *see* Fujita, H. 8633
Leonard, T.R. *see* Herzog, W. 7325
Leonardi, E. *see* Marsan, A. 5929
Leonardi, E. *see* Marsan, M.A. 30709
Leonardi, E. *see* Marsan, M.A. 30745
Leonardi, F., Rossetto, L., Scandellari, A., Speranza, R., Tomasin, P., Tenti, P., Divan, D.M. Soft-switched PWM converter with inductive DC filter 8635
Leonardi, J. *see* Cornu, J.P. 48337
Leonardi, R. *see* Saraceno, C. 29934
Leonardis, A., Solina, F., Macerl, A. A direct recovery of superquadrics in range images using recover-and-select paradigm 45123
Leonardo, E.J., Yacoub, M.D. A statistical approach for cell coverage area in land mobile radio systems 22877
Leonardy, J. *see* Euteneuer, H. 15286
Leonatiev, A.I. On calculation of the efficiency of cooling gas turbine blades 39989
Leoncini, M. *see* Bernasconi, A. 33459
Leondes, C.T. *see* Stubberud, P.A. 34179
Leondes, C.T. *see* Yin, M.R. 29636
Leone, G. *see* Isernia, T. 4263
Leone, L. *see* Desiderio, O. 23256
Leone, M. Independent power: state of the market 47384
Leone, R.De *see* De Leone, R.
Leone, S.R., Alstrin, A.L., Strupp, P.G., Smilgys, R.V. Laser gas ionization technique monitors MBE crystal growth 18227
Leong, K.-W. *see* Li, G.P. 12160
Leong, M.K. *see* Woolard, D.L. 19712
Leong, M.S. *see* Cai, M. 44553
Leong, M.S. *see* Gan, Y.B. 27134
Leong, M.S. *see* Hum, P.J. 21355
Leong, M.S. *see* Li, L.W. 36200
Leong, M.S. *see* Li, L.W. 44351
Leong, M.S. *see* Tan, K.S. 23120
Leong, M.S. *see* Wang, B.K. 29238
Leong, M.S. *see* Yeo, T.S. 12648
Leong, S.K. Obtaining DMOS power RF transistor information from published data sheets 2532
Leong, W.Y. *see* Stanaway, M.B. 46439
Leonhardt, G. *see* Aufermann, A. 8685
Leonhardt, G. *see* Dullni, E. 48004
Leoni, M. A sea defence information system 14152
Leoni, R., Carelli, P., Castellano, M.G., Peschiaroli, D., Berger, C., Gabutti, A., Janos, S., Pretzl, K. Thin-film technology and DC-SQUID instrumentation for a superheated superconducting detector 24048
Leoni, R. *see* Berger, C. 20186
Leoni, R. *see* Carelli, P. 11543
Leonik, K. *see* Habli, M.A. 24232
Leonov, A.M. *see* Yerokhovets, V.K. 11801
Leonov, A.M. *see* Yerokhovets, V.K. 28438
Leonov, G.A., Smirnova, V.B. Localization of attractors in multidimensional Chua's circuit equations 998
Leonov, N.N. *see* Zablotskii, V.V. 15612
Leonov, N.N. *see* Zablotskiy, V.V. 19512
Leonov, P. *see* Wang, J.J. 15640
Leonov, V.G. *see* Khotuntsev, Yu.L. 1074
Leonov, V.G. *see* Khotuntsev, Yu.L. 11153
Leonov, V.I. *see* Grinbaum, I.N. 25373
Leonov, V.M. *see* Kholodnyi, S.D. 39609
Leonov, V.N., Khrebtov, I.A. Antenna-coupled thermal radiation detectors (review) 31236
Leonov, V.N. *see* Khrebtov, I.A. 6486
Leonov, V.N. *see* Masunov, E.S. 7011
Leonov, V.V., Mironov, Yu.M., Kovalev, V.G. Nonlinearity of the electrical-energy collection properties of the slag bath in electroslag crucible smelting 40669
Leonova, T.R. *see* Zalessky, V.B. 6498
Leontein, S. *see* Abrahamsson, K. 15584
Leontev, A.A. *see* Karpushin, Yu.V. 40388
Leont'ev, G.E. Base resistance of a bipolar transistor (theory) 2453
Leont'ev, G.E. Noise-current generator built around a bipolar transistor 31344
Leont'ev, G.G. *see* Efimov, A.A. 8069
Leontiev, L.A. *see* Aulchenko, V.M. 7220
Leontjev, G. Surface and bulk 1/f noise in silicon bipolar transistors 19763
Leontjeva, N.A. *see* Panjukhin, A.V. 27676
Leopold, R.J., Miller, A. The IRIDIUM communications system 5831
Leopold, R.J., Miller, A., Grubb, J.L. The Iridium system: a new paradigm in personal communications 30622
Leost, J.C. *see* Meyer, S. 5453
Leotta, A. Personal and commercial transportation in urban areas: two environmental respectful relevant solutions 48330
Leou, R.C. *see* Lu, C.N. 7838
Lepage, F. *see* Richard, J. 284
Lepejian, D. *see* Tsujide, T. 34076
Lepelaars, E.S.A.M. *see* Urbach, H.P. 36331
Lepeltier, J.-P. *see* Hamadene, S. 33471
Lepesant, P.Y. *see* Caruana, L. 39995
Lepetit, B. *see* Brugeas, I. 44383
Lepetit, O. *see* Barrat, M. 29695
Lepiece, M. *see* Warrant, J.C. 47663
Leping Xiao *see* Sharifi, K. 36819
Lepley, B. *see* Bath, A. 27599
Lepley, B. *see* Losson, E. 2423
Lepore, A. *see* Kiely, P.A. 43026
Lepore, M. *see* Dabbicco, M. 20854
Leporelli, C. *see* Castelli, F. 22384
Leppanen, P. *see* Iinatti, J. 37705
Leppard, K. Implementing an AM/FM program: the St. Catharines Hydro experience 16164
Leppavuori, L. *see* Moilanen, H. 11416
Leppavuori, S. *see* Kirschner, I. 20172
Leppavuori, S. *see* Levoska, J. 20173
Leppavuori, S. *see* Moilanen, H. 14933
Leppert, V.J. *see* Jelen, C. 9585
Leppik, P.A. *see* Buinitskii, B.A. 8092
Leppitt, N. The path to successful empowerment 26129
Leprince, L. *see* Moison, J.M. 18205
Lepsoy, S. *see* Oien, G.E. 22193
Leptien, J. *see* Enning, B. 14621
Lepuschitz, T. *see* Czech, G. 28048
Lequeux, J.M. *see* Parmigiani, B. 16420
Lequeux, R. *see* Richard, C.J. 38327
Lequime, M. *see* Abitbol, M. 38713
Lequime, M.R. *see* Giovannini, H.R. 15069
Lequitte, P. *see* Delmas, A. 40368
Lera, F. *see* Camon, A. 6277
Leray, J.L. *see* Dentan, M. 34183
Leray, J.L. *see* Ferlet-Cavrois, V. 41904
Leray, J.L. *see* Herve, D. 19450
Lercel, M.J., Tiberio, R.C., Chapman, P.F., Craighead, H.G., Sheen, C.W., Parikh, A.N., Allara, D.L. Self-assembled monolayer electron-beam resists on GaAs and SiO_2 27964
Lerch, E., Yoom, T. Investigation of stability conditions in a textile plant power supply system 25981
Lerch, M.L.F., Martin, A.D., Simmonds, P.E., Eaves, L., Leadbeater, M.L. A new technique for directly probing the intrinsic tristability and its temperature dependence in a resonant tunneling diode 42849
Lerch, M.L.F. *see* Martin, A.D. 35038
Lerch, P. *see* Zhao, S.P. 7299
Lerch, Ph. *see* Zhao, S.P. 20202
Lerch, R., Landes, H., Friedrich, W., Hebel, R., Hoss, A., Kaarmann, H. Modelling of acoustic antennas with a combined finite-element-boundary-element-method 16048
Lerer, A.M., Schuchinsky, A.G. Full-wave analysis of three-dimensional planar structures 36341
Lerer, A.M. *see* Kuznetsov, V.A. 12560
Leridon, B., Maoli, R. Critical Josephson current as a characterization tool for superconducting junction arrays 11545
Leridon, B. *see* Beaudin, G. 23251
Lerm, A. *see* Dintner, H. 6282
Lerman, A.A. *see* Artyushenko, V.G. 20317
Lerman, B.B. *see* Hutchinson, S.A. 24327
Lerman, L. *see* Warde, C. 38618
Lerman, R. *see* Wolf, H. 42631
Lerme, M. *see* Vinet, F. 2367
Lerminiaux, C. *see* Semjen, M. 30575
Lermoyer, A. *see* Belfort, M. 30685
Lerner, C. *see* Lips, K. 33067
Lerner, E.J. 500 channels: wasteland or wonderland 14813
Lerner, L. Reception of radiation by bent dielectric waveguides 4181
Lerner, Z.D. Method of synthesizing a linear system 18442
Lerondeau, A. *see* Fourgon, C. 25575

Lerou, R.J.L. *see* van den Heuvel, J.C. 35979
Leroux, C. *see* Davignon, A. 13707
Leroy, B., Cain, O. Dislocations generation at the edge of an arsenic implanted area 27639
Leroy, B., Cain, O. Dislocations multiplication in an arsenic doped area surrounded by a trench 27640
Leroy, C. *see* Borchi, E. 7251
Leroy, D. *see* Acerbi, E. 15549
Leroy, D. *see* Granier, M. 15547
Leroy, M. *see* Val, C. 43085
Leroy, P. *see* Le Bars, M. 39847
Leroy, R. *see* Bacal, M. 46826
Leroy, R. *see* Skinner, D.A. 38822
Leroy, R. *see* Sortais, P. 15591
Leroy, Y. *see* Benlarbi, A. 46592
Leroy, Y. *see* Bocquet, B. 5007
Leroy, Y. *see* Bocquet, B. 6755
LeRoy, Y. *see* Bocquet, B. 31864
Leroy, Y. *see* Constant, E. 42249
Leruste, P. *see* Benayoun, M. 46871
Lery, S.A. *see* Paik, W.H. 38297
LeSage, G. *see* Zhang, R. 43690
Lesaicherre, P.-Y. *see* Ishitani, A. 18727
Lesak, J. *see* Chamrad, R. 8512
Lesani, H., Kamel, H. A new approach for multiconductor transmission lines modelling 16287
Lescanne, P. *see* Chetali, B. 33988
Lesch, A., Melchior, E.-M., Jerke, K.-H., Roessler, H., Szabo, P. Hypermedia services for IBC 37555
Leschber, D., Sundstrom, E.J., Beerel, G.H. Economic control model for energy systems 39907
Leschi, C. *see* Selmaoui, N. 4998
Lescinskas, D. *see* Krotkus, A. 31226
Lescroart, G., Muller, R., Bourdet, G. Phase coupling of two CO_2 lasers 20613
Lescure, M. *see* Farenc, J. 31265
Lescure, M. *see* Sahli, S. 35792
Lesh, J.R. Recent progress in deep space optical communications 6039
Lesh, J.R. *see* Wilson, K.E. 6048
Lesha, M.J. *see* Paoloni, F.J. 6122
Leshchinskas, D. *see* Dapkus, L. 19597
Lesher, R.L., Porter, J.W., Byerly, R.T. SUNBURST—a network of GIC monitoring systems 47604
Leshkevich, S.V. *see* Zenchenko, S.A. 43592
Lesieur, R.R. *see* Wheeler, D.J. 17304
Lesieutre, B.C. *see* Sauar, P.W. 7696
Lesin, S. *see* Branover, H. 41494
Lesjak, M. *see* Brusasca, G. 16625
Leskela, M. *see* Balek, V. 33627
Leskela, M. *see* Lindroos, S. 26454
Leskin, V.A. *see* Abdushukurov, D.A. 38843
Leskovar, M., Stritar, A. Time of the natural circulation break after the loss of off-site power in cold shutdown condition 39877
Leslie, A. *see* Heiland, R. 43045
Leslie, D., Hlushko, A., Abughazaleh, S., Garza, F. Tailoring SCADA systems for standby power applications 47415
Leslie, E.M. The use of the OU chronological production cost model in evaluating operating scenarios 47437
Leslie, I. *see* Doar, M. 5489
Leslie, J., Seiden, A., Unno, Y. Signal simulations for double-sided silicon strip detectors 7255
Leslie, J. *see* Ziock, H.J. 7184
Leslie, T. *see* Kulick, J. 29057
Lesnewich, A. Arc welding can assure tough welds in HSLA steel 9039
Lesnicki, A. Computer-aided design of switched attenuators with high precision 18917
Lesniewska, E., Borkowska-Banas, I. Influence of the shape of the primary winding on the electric field distribution in a voltage transformer 47927
Lesniewska, E., Borowska-Banas, I. Estimation of the electric strength of insulation system elements using numerical methods 47560
Lesniewski, P. Educational microcontrol unit 33261
Lesnik, S.A. *see* Zherdienko, V.V. 44101
Lesnik, V.A., Farenyuk, A.P. Asymmetric regimes of operation of an asynchronous generator with capacitance excitation in self-contained power plants 32866
Lesnikov, E.V., Pustovoit, V.I., Khrimyan, A.A. Determining photodetector quantum efficiency 20542
Lesoine, L.G. *see* Leavey, J.A. 7114
L'Esperance, A. *see* Gosselin, B. 32125
L'Esperance, A. *see* Laroche, C. 16091
Lessard, M. *see* So, V.C.Y. 3078
Lessard, R.A., Changkakoti, R., Roberge, D., Manivannan, G. Photopolymers in optical computing: materials and devices 11728
Lessard, R.A. *see* Changkakoti, R. 12432
Lessard, R.A. *see* Leclere, P. 12476
Lessard, R.A. *see* Lemelin, G. 12430
Lessard, R.A. *see* Lemelin, G. 21107
Lessard, R.A. *see* Li Song 6594
Lessard, R.A. *see* Trepanier, F. 21108
Lesser, V., Nawab, H., Gallastegi, I., Klassner, F. IPUS: an architecture for integrated signal processing and signal interpretation in complex environments 44904
Lesser, V. *see* Decker, K. 44903
Lesser, V. *see* Klassner, F. 29717
Lessig, W.S., Frederick, J.D. Environmental considerations of coal gasification technology and the Wabash River repowering project 32758
Lessmann, H.-J. Calculation of the electromagnetic and thermal processes in inductive longitudinal welding of pipes 17627
Lessmann, H.-J. *see* Muhlbauer, A. 48473
Lessmann, H.-J. *see* Nacke, B. 17621
Lessner, P. *see* Sarangapani, S. 17302
Lessster, L.E. *see* Reyneveld, K.E. 48343
Lester, C., Rottwitt, K., Hedegaard Povlsen, J., Bjarklev, A. Stimulated Raman scattering in distributed erbium doped fibres 29023
Lester, C., Rottwitt, K., Povlsen, J.H., Bjarklev, A. Raman effect in transparent distributed erbium-doped fibre 35412
Lester, L. *see* Ballingall, J.M. 33604
Lester, L. *see* Gupta, S. 38488
Lester, N. *see* Pearce, M. 41793
Lester, S. *see* Darveniza, M. 32488
Lester, T.P. *see* Moore, W.T. 42881
Lesterlin, D. *see* Langanay, J. 35835
Lesthievent, G. *see* Tajany, M. 30368
Lesueur, H., Czernichowski, A., Chapelle, J. Electrically assisted partial oxidation of methane 25955
Lesueur, J. *see* Dumoulin, L. 23599
Lesurf, J.C.G. *see* Robertson, D.A. 42207
Leszczynski, K.W. *see* Wowk, B. 39087
Leszczynski, M., Franzosi, P. X-ray diffractometric examinations of GaAs epitaxial layers grown by molecular beam epitaxy at low temperature 18156
Letaief, K.B. Computer-aided analysis, design and modeling of optical fibre receivers 30762
Letaief, K.B., Sadowsky, J.S. New importance sampling methods for simulating sequential decoders 36516
Letaief, K.B. *see* Lee, D.A. 30763
Letaief, K.B. *see* Muhammad, K. 29447
Letalick, D. *see* Pucar, P. 5080
Letardi, T., Bollanti, S., Di Lazzaro, P., Fang, H., Flora, F., Fu, S.F., Gerardino, A.M., Giordano, G., Lisi, N., Mezi, L., Schina, G., Torre, A., Zheng, C.E. Excimer laser development and applications at the ENEA Frascati Centre 20623
Letardi, T., Flora, F., Zheng, C.E. Inductance calculation of discharge chamber for transverse gas-flow laser system 35693
Letardi, T. *see* Bollanti, S. 24124
Letardi, T. *see* Bollanti, S. 35937
Letardi, T. *see* Di Lazzaro, P. 11998
Letaw, J.R. *see* Petersen, E.L. 34872
Letcher, J.H., O'Neil, K.A., Cook, P.J. An imaging device that uses the wavelet transformation as the image reconstruction algorithm. III. Digital filtering of imperfect wavelets 44844
Letelier, M.F. Engineering education in Chile: tradition, trends and prospects of cooperation 17758
Letellier, P., Gremont, B., Meyrand, G., Tronc, D., Wang, D., Johnsen, R. Commissioning of the CAMD Louisiana State Univ. 200 MeV electron linac injector 7012
Letellier, P. *see* Berkvens, P. 15392
Letellier, P. *see* Girault, P. 15393
Leth-Olsen, H. *see* Norby, T. 17357
Letham, L. *see* Brinthaupt, D. 30972
Letheren, M., Christiansen, J., Mandjavidze, I., Verhille, H., De Prycker, M., Pauwels, B., Petit, G., Wright, S., Lumley, J. An asynchronous data-driven event-building scheme based on ATM switching fabrics 46330
Lethert, E. *see* Moravek, J.M. 7940
Letin, V.A., Bordina, N.M., Zayavlin, V.R., Chernichkova, T.S., Evenov, G.D., Shanavrin, V.S. Experimental simulation of the effect of space factors on solar cells 32042
Letin, V.A. *see* Bordina, N.M. 24430
Letor, R. *see* Consoli, A. 1056
LeTran, T.T., Schaff, W.J., Ridley, B.K., Chen, Y.P., Clark, A., Eastman, L.F. Phonon scattering suppression in short periodic AlAs/GaAs multiple-quantum-well structures 42484
Lettang, F. *see* Spencer, T. 41917
Lettau, C., Wendel, M., Schmeller, A., Hansen, W., Kotthaus, J.P., Bohm, G., Weimann, G., Holland, M. Comparison of far-infrared- and dc-conductivity of electron systems laterally patterned by low-energy ion beam exposure 42517
Lettington, A.H., Hong, Q.H. An objective MRTD for discrete infrared imaging systems 15076
Lettington, A.H., Hong, Q.H. A two-stage super-resolution technique using a piecewise-linear model 22090
Lettington, A.H., Hong, Q.H. An interpolator for infrared images 29778
Lettington, A.H., Hong, Q.H. Superresolution technique with edge-based ringing reduction for passive millimetre-wave images 36931
Lettington, A.H., Hong, Q.H., Marshall, A., Murphy, K.St.J. An objective MRTD for focal plane arrays 31286
Lettl, J. Analysis of a three-phase AC-to-DC PWM current-source converter including input filtering capacitors 47955
Letts, P. *see* Cheung, W. 38714
Leturcq, P. *see* Tounsi, P. 1032
Leturmy, M. *see* Potier, N. 34409
Letzelter, G. *see* Val, C. 43085
Letzring, S.A. *see* Soures, J.M. 3410
Leu, I.-Y., Neugroschel, A. Minority-carrier transport parameters in heavily doped p-type silicon at 296 and 77 K 10648
Leu, K.-S. *see* Rost, S. 32347
Leu, M.C., Wong, H., Ji, Z. Planning of component placement/insertion sequence and feeder setup in PCB assembly using genetic algorithm 27376
Leu Janq-Hwa *see* Janq-Hwa Leu
Leu Jia-Guu *see* Jia-Guu Leu
Leu Jih-Jian *see* Jih-Jian Leu
Leu Yean-Shiang *see* Yean-Shiang Leu
Leu-Shing Lan, Reed, I.S. Fast Approximate Karhunen-Loeve Transform (AKLT) with applications to digital image coding 29957
Leu-Shing Lan, Reed, I.S. A new class of 2-D multirate filter bank for digital image coding 36835
Leuchtmann, P. On the adaption of MMP-expansion functions to particular geometries 12587
Leuchtmann, P., Gnos, M. New thin wire expansions for long wires in the MMP-code 44300
Leuffer, H. Utilisation of the full potential of hydroelectric power stations by extension of dam storage 47804
Leufkens, P.P. *see* Steennis, E.F. 24955
Leung, B. *see* Rangan, S. 42013
Leung, B.H. *see* Moussavi, S.M. 34133
Leung, C. *see* Herman, M.H. 28623
Leung, C. *see* Lane, P. 16648
Leung, C. *see* Warner, W.D. 5778
Leung, C.K. *see* Yip, P.C.L. 26753
Leung, C.K. *see* Yip, P.C.L. 26754
Leung, C.K.C. *see* Chu, T.-A. 954
Leung, C.L. *see* Hammons, T.J. 24901
Leung, C.M. *see* Kirlin, R.L. 6156
Leung, C.S. Encoding method for bidirectional associative memory using projection on convex sets 21594
Leung, D.N.K. *see* Lam, L.T.S. 13682
Leung, D.N.K. *see* Lam, L.T.S. 45184
Leung, D.S. *see* Ermer, S. 20396
Leung, D.Y.C., Lam, G.C.K., Chang, G.C.K. Flue gas desulphurization process selection for Lamma power station L7/L8 8141
Leung, F.H.F., Tam, P.K.S., Li, C.K. An improved LQR-based controller for switching DC-DC converters 16944
Leung, H. Iceberg detection using chaos 39397
Leung, H., Blanchette, M., Haykin, S. Clutter cancellation and sea ice detection using artificial neural network 38157
Leung, H., Haykin, S. Rational function neural network 13209
Leung, H., Lo, T. Chaotic radar signal processing over the sea 6104
Leung, H. *see* Huang, X. 36465
Leung, H.W. *see* Ho, S.L. 8386
Leung, I. *see* Grigorova, T. 37856
Leung, K.M. *see* Carin, L. 4267
Leung, K.N., Bachman, D.A., McDonald, D.S. RF driven multicusp ion source for particle accelerator applications 7143
Leung, K.N., Bachman, D.A., McDonald, D.S. Production of H^- ions by an RF driven multicusp source 38833
Leung, K.N. *see* Debiak, T.W. 38834
Leung, K.N. *see* Kwan, J.W. 38828
Leung, K.N. *see* Young, A.T. 46820
Leung, K.N. *see* Young, A.T. 46825
Leung, K.T. *see* Orme, C. 33592
Leung, K.W., Luk, K.M., Lai, K.Y.A., Lin, D. On the TM_{101} mode of a hemispherical dielectric resonator antenna 4274
Leung, K.W., Luk, K.M., Lai, K.Y.A., Lin, D. Theory and experiment of a coaxial probe fed hemispherical dielectric resonator antenna 29294
Leung, K.W. *see* Luk, K.M. 12759
Leung, K.W. *see* Luk, K.M. 21378
Leung, M. *see* Kobayashi, K.W. 2890
Leung, M. *see* Tom, V.T. 29832
Leung, M.K. *see* Willson, C.G. 11080
Leung, M.M., Peterson, A.M. Scale and rotation invariant texture classification 22293
Leung, M.S. *see* Chhiu-Tsu Lin 33686
Leung, S.H., Chung, C.Y., Luk, A. A low noise fixed point implementation of GSM speech codec on TMS320C25 14494
Leung, S.H., Luk, A., Liu, G.K.F., Lun, C.S. An ARMA model for extracting Cantonese phoneme characteristics 13005
Leung, S.H., Xin Jin Gradient-based search for good trellis codes with discrimination rate maximization 4409
Leung, S.H. *see* Kok, C.W. 13347
Leung, S.H. *see* Kok, C.W. 13659
Leung, S.H. *see* Ng, H.C. 13070
Leung, V.C.M. Packet reservation protocols for multichannel satellite networks 22937
Leung, W. *see* Horowitz, M. 33939
Leung, W.C. *see* Auchincloss, P.S. 46953
Leung, W.C. *see* Kinnel, T.S. 38880
Leung, Y.S., Wilson, S.G., Ketchum, J.W. Multifrequency trelliis coding with low delay for fading channels 21585
Leung Hiu Kong *see* Yam Lai Hang 26531

Leung Ka Hin *see* Ka Hin Leung
Leung Ka-Ngo *see* Ka-Ngo Leung
Leung Yiu-Wing *see* Yiu-Wing Leung
Leupold, H.A. Approaches to permanent magnet circuit design 43321
Leus, S.G. *see* Gubarev, A.A. 32095
Leuschner, F.W. *see* Cilliers, P.J. 15694
Leuschner, R., Ahne, H., Marquardt, U., Nickel, U., Schmidt, E., Sebald, M., Sezi, R. Patterning of organic layers using negative and positive working Top-CARL process 11101
Leusink, G.J., Kleijn, C.R., Oosterlaken, T.G.M., Janssen, G.C.A.M., Radelaar, S. Mechanism of self limiting W and WSi_2 film growth by the Si(100) reduction of WF_6 828
Leusink, G.J. *see* Oosterlaken, T.G.M. 18249
Leutbecher, M. *see* Eisenhammer, T. 20500
Leutenbauer, R. *see* Engelmann, G. 26467
Leuthausser, I. *see* Tresp, V. 4639
Leutz, H. *see* D'Ambrosio, C. 27441
Leuzzi, G. *see* Giannini, F. 1073
Leuzzi, G. *see* Giannini, F. 1555
Leuzzi, G. *see* Giannini, F. 10458
Levanyuk, A.L. *see* Vu Thien Binh 31168
Levashnikov, A.A. *see* Kozhukhovskii, A.D. 12921
Levchenko, G.P. *see* Katok, V.B. 30816
Levchenko, G.P. *see* Katok, V.B. 30817
Levedakis, D.A. *see* Raupp, G.B. 9722
Level, M.-P., Besson, J.-C., Brunelle, P., Cassinari, L., Darpentigny, J., Juan, P., Marin, P.C., Nadjii, A., Sommer, E.M., Zynigier, H. Super-ACO status report 15290
Levell, N.J., Lawrence, C.M. The use of a digitizer to measure area in dermatology 7375
Levelt, J. *see* Blok, H.P. 38935
Levenberg, N., Reichel, L. A generalized ADI iterative method 26359
Levendel, Y. Fault tolerance cost effectiveness 45708
Levenets, V.V. *see* Beklemishev, V.I. 34768
Levenshtein, V. Bounds for codes as solutions of extremum problems for systems of orthogonal polynomials 12846
Levenson, J.A., Abram, I., Rivera, T., Grangier, P. Reduction of quantum noise in optical parametric amplification 20986
Levenson, M.D. Wavefront engineering for photolithography 2286
Levenson, M.D. Phase plates in the object plane for microlithography 36087
Levenson, M.D. *see* Bond, J. 26171
Leveque, G., Peisner, J., Sangare, Y. Quantum efficiency of a metal-oxide-semiconductor capacitor with a semitransparent chromium electrode for an ultraviolet light detector 46454
Leveque, G. *see* Peisner, J. 10779
Leveque, J. *see* Tixador, P. 39671
Leveque, P. *see* Delaveaud, C. 29297
Leveque, P. *see* Yvon, D. 24035
Lever, K.V. Well-conditioned recursive least-squared estimation algorithms 4691
Lever, K.V. *see* Tsimbinos, J. 1293
Lever, K.V. *see* Tsimbinos, J. 42014
Lever, P., Ball, R., Jennings, P. Autoprofiling—saving time in RF immunity testing 4157
Lever, P. *see* Ball, R. 44476
Lever, R.F. *see* Griffin, P.B. 34684
Leverich, W.K., Xiao-Dong Wu, Kai Chang FET active slotline notch antennas for quasi-optical power combining 21448
Leverson, D. *see* Glein, R. 37950
Levesque, A.H. *see* Dean, R.A. 37083
Leveugle, R. Test of single fault tolerant controllers in VLSI circuits 35056
Levi, A.F.J. Microdisk lasers 43897
Levi, A.F.J., McCall, S.L., Pearton, S.J., Logan, R.A. Room temperature operation of submicrometre radius disk laser 3594
Levi, A.F.J. *see* Baquedano, J.A. 11142
Levi, A.F.J. *see* Baquedano, J.A. 19771
Levi, A.F.J. *see* Chuang, S.L. 12118
Levi, A.F.J. *see* Laskar, J. 19071
Levi, A.F.J. *see* Laskar, J. 28097
Levi, A.F.J. *see* Nordin, R.A. 43415
Levi, A.F.J. *see* Pearton, S.J. 34777
Levi, A.F.J. *see* Slusher, R.E. 3620
Levi, E. Adaptive decoupling circuit for universal field oriented controller operating in the airgap flux reference frame 8412
Levi, E. Compensation of magnetic saturation effects in air-gap flux oriented induction motor drives 40540
Levi, E., Rauski, D. Self-excitation modelling in deep-bar and double-cage induction generators 8406
Levi, E., Vuckovic, V. Rotor flux computation in saturated field-oriented induction machines 25420
Levi, L., Muratore, F., Romano, G. Simulation results for a CDMA interference cancellation technique in a Rayleigh fading channel 45836
Levi, S. *see* Nimberger, A. 17188
Levi, V.A., Calovic, M.S. Linear-programming-based decomposition method for optimal planning of transmission network investments 7899
Levialdi, S. *see* Bongiovanni, G. 22055
Leviatan, Y. *see* Boag, A. 4046
Leviatan, Y. *see* Boag, A. 29147
Leviatan, Y. *see* Boag, A. 31971
Leviatan, Y. *see* Pomeraniec, B. 12566
Leviatan, Y. *see* Steinberg, B.Z. 44308
Levien, R. Output dependent feedback in error diffusion halftoning 36951
LeVier, C. *see* Barberis, E. 46846
Levin, B.M. Capacitance-loaded corner dipole 12739
Levin, C., Germani, J., Markey, J. Charge collection and energy resolution studies in compressed xenon gas near its critical point 7154
Levin, C., Markey, J. Compressed xenon gas near its critical point as an ionization medium 15621
Levin, D.N. *see* Cao, Y. 39023
Levin, E., Pieraccini, R., Bocchieri, E. Time-warping network: a neural approach to hidden Markov model based speech recognition 21670
Levin, J.C. *see* Deslattes, R.D. 38998
Levin, L. *see* Klinger, L. 27774
Levin, L.C., Nash, D.C. U.S. domestic and international regulatory issues 38202
Levin, L.I., Barochin, B.L., Kuz'min, I.I. The main power-generating equipment used in the design and construction of thermal power stations and boiler plants 8191
Levin, M.E. *see* Zabalkanskiy, E.S. 36691
Levin, V. *see* Budagov, J. 46955
Levin, V.E. *see* Bakhtairov, V.F. 15986
Levin, V.E. *see* Dvornikov, V.I. 17514
Levina, L.A. *see* Alekseev, I.N. 46922
Levine, A.L. *see* Maltabes, J.G. 2370
Levine, B.F. Quantum-well infrared photodetectors 15026
Levine, B.F. *see* Bandara, K.M.S.V. 15014
Levine, B.F. *see* Bethea, G.C. 23727
Levine, B.F. *see* Hobson, W.S. 6506
Levine, B.F. *see* Sarusi, G. 38495
Levine, B.F. *see* Swaminathan, V. 6504
Levine, C. Configuration Management Tracking System 39701
Levine, D. *see* Bishop, L. 30359
Levine, I. Performance of the TOPAZ vertex chamber under beam conditions 15643
Levine, J.P. *see* Braun, J.M. 16370
Levine, J.S., Cooksey, N.J., Pomeroy, S.R. High average power from a high-current relativistic klystron 19298
Levine, J.S. *see* Benford, J.N. 1793
LeVine, M. *see* Bachler, J. 46915
Levine, M.D. *see* Yamamoto, H. 36941
Levine, S.H., Kreifeldt, J.G., Ming-Chuen Chuang Point pattern representation using imprecise, incomplete, nonmetric information 45190
Levinshtein, M.E., Rumyantsev, S.L. Nature of the $1/f$ noise in the channel of a gallium arsenide field-effect transistor with a Schottky barrier 11234
Levinshtein, M.E., Rumyantsev, S.L., Palmour, J.W. $1/f$ noise in 6H-SiC 34547
Levinson, J., Akkerman, A., Victoria, M., Hass, M., Ilberg, D., Alurralde, M., Henneck, R., Lifshitz, Y. New insight into proton-induced latchup: experiment and modeling 11106
Levinson, J. *see* Lifshitz, Y. 33334
Levinson, S.E., Olive, J.P., Tschirgi, J.S. Speech synthesis in telecommunications 21651
Levinson, S.E. *see* Gorin, A.L. 36627
Levinzon, S.V. A method of improving the output characteristics of electric power supplies 9951
Levinzon, S.V. Methods of achieving certain protective functions in radio-electronic equipment power supplies 26680
Levisse, A. Leaky or radiating? Radiation mechanisms of radiating cables and leaky feeders—Channel tunnel applications 5701
Levitan, A.J. *see* Sparks, D.R. 2449
Levitan, R.I. Methods of reducing the down time of optical fiber transmission systems 30761
Levitan, S.P. *see* Bidnurkar, M.M. 20487
Levitan, S.P. *see* Chiarulli, D.M. 28553
Levitan, S.P. *see* Chiarulli, D.M. 43579
Levitan, S.P. *see* Frezza, S.T. 938
Levitan, S.P. *see* Hsieh, Y.-W. 19944
Levitova, L.V. *see* Avrutskii, V.A. 16458
Levitskii, I.G. *see* Stognii, V.S. 32256
Levitskii, O.E. Sample-and-hold device as a frequency filter 42099
Levitt, H., Bakke, M., Kates, J., Neuman, A., Schwander, T., Weiss, M. Signal processing for hearing impairment 24352
Levkov, V. State of the art on fault-tolerant real time distributed systems 47644
Levkowitz, H. *see* Pickett, R.M. 38964
Levkowitz, H. *see* Syta, A. 36582
Levnes, G., Paulsen, S.E., Raekken, R.H. A millimetre wave channel sounder based on the chirp/correlation technique 30613
Levoguer, C.L. *see* Davies, G.J. 41380
Levorato, D. *see* Salvetti, O. 38979
Levoska, J., Leppavuori, S. High-T_c superconducting $YBa_2Cu_3O_{7-\delta}$ films and $YBa_2Cu_3O_{7-\delta}/PrBa_2Cu_3O_{7-\delta}$ superlattices deposited by laser ablation 20173
Levrat, E. *see* Bombardier, V. 13554
Levshin, L.V. *see* Akimov, A.I. 12037
Levshin, V.L. *see* Barsky, A.G. 36057
Levtova, V. *see* Gotman, J. 31915
Levula, A. *see* Kahkonen, A. 16284
Levush, B., Vlasov, A., Nusinovich, G., Bromborsky, A., Antonsen, T., Jr., Miller, S., Abe, D., Lou, W., Carmel, Y., Destler, W., Granatstein, V. Theoretical and experimental investigations of the cyclotron interaction effect on relativistic backward wave oscillator operation 27417
Levush, B. *see* Fischer, R.P. 42367
Levush, B. *see* Saraph, G.P. 10625
Levush, B. *see* Ze-Xiang Zhang 35643
Levush, B. *see* Zhang, Z.X. 43692
Levy, A. *see* Koteles, E.S. 2040
Levy, A.C. *see* Green, G.D. 2976
Levy, B. *see* Andresen, B.F. 32156
Levy, B. *see* Stern, A. 23389
Levy, B.C. *see* Venkataraman, S. 44946
Levy, C.D.P., Jayamanna, K., Ramsey, W.D., Schmor, P.W., Zelenski, A.N. Spin correlated current modulation in OPPIS 31637
Levy, C.D.P., Zelenski, A.N., Jayamanna, K., McDonald, M., Ruegg, R., Schmor, P.W., Wight, G. Status of the TRIUMF optically pumped polarized H ion source 31636
Levy, C.D.P. *see* Schmor, P.W. 15580
Levy, C.D.P. *see* Zelenski, A.N. 31635
Levy, D. Derivation of the torque—speed characteristic of a reaction turbine 32775
Levy, F. *see* Rosenfeld, D. 6645
Levy, H. *see* Fabian, O. 5202
Levy, H.M. *see* Thekkath, C.A. 5525
Levy, J.L. *see* No, K.H. 20569
Levy, J.S., Burke, P.J., Cohen, L.D., Cecchini, R. VCO based chirp generation for broad bandwidth compressive receiver applications [in EW] 7688
Levy, M. Device interfacing for the VXIbus 6321
Levy, M. *see* Scotti, C. 1868
Levy, M.F. Ground cover data and diffraction models 36210
Levy, P. *see* Ferrari, H. 15177
Levy, P.W. *see* Woody, C.L. 7253
Levy, R., Helszajn, J. Synthesis of series STUB-R complex gyrator circuits using halfwave long impedance transformers 18975
Levy, R. *see* Gagnor, A. 39854
Levy, R. *see* Johnson, G.E. 1646
Levy, R. *see* Tan, R. 1447
Levy, R.S. Does object-oriented programming fit in the real world of ATE? 6316
Levy, S., Nagarajan, R., Mar, A., Bowers, J.E. Resonant enhancement of semiconductor laser modulation response for efficient analog transmission at 35 GHz 23053
Levy, S. *see* Nagarajan, R. 38069
Levy, S.C., Cieslak, W.R. Review of lithium-ion technology 40445
Levy, S.N. *see* Subrahmanian, E. 9208
Levy-Clement, C. *see* Galun, E. 34774
Levy-Clement, C. *see* Natarajan, C. 33687
Lew, K. *see* Lim, M.Y.H. 13997
Lew, K. *see* Vukovic, R. 14052
Lewandowski, J., Menard, B., Hennequin, D. Light sectioning with large depth of focus by means of Fresnel diffraction of an edge 13536
Lewandowski, W. *see* Kirchner, D. 6291
Lewellen, J.W. *see* Schmerge, J.F. 44006
Lewellen, T.K., Kohlmyer, S.G., Ehlert, D.C., Miyaoka, R.M. A new preprocessor for the SP-3000 series of time-of-flight positron emission tomographs 15738
Lewen, F. *see* Nitsch, R. 34246
Lewen, G. *see* Liu, J.Z. 28594
Lewerenz, H.J. *see* Rappich, J. 19552
Lewerenz, H.J. *see* Scheer, R. 17401
Lewicki, T.F., Fowler, N.L. The effect of corrosion myths on national electrical standards 25055
Lewin, H.-C. *see* Barber, D.P. 31578
Lewin, I. *see* Moskowitz, W.P. 17595
Lewin, J.D. *see* Davies, G.J. 24078
Lewin, J.D. *see* Davies, G.J. 31740
Lewin, P.A. *see* Fay, B. 16052
Lewiner, J. *see* Charpak, G. 15193
Lewiner, J. *see* Charpak, G. 31772
Lewiner, J. *see* DeReggi, A.S. 43137
Lewints, A.M. *see* Zatelepth, V.N. 25818
Lewis, A. *see* Thiel, D.J. 7310
Lewis, A.G. *see* Hack, M. 19870
Lewis, A.G. *see* Hack, M. 34990
Lewis, A.J. *see* Paul, W. 27631
Lewis, A.V., Gostling, C.D., Evans, K.G., Davis, A.G., Wong, W.T.K. Aeronautical facsimile—over the oceans by satellite 22498
Lewis, B.J. *see* Reid, P.J. 8088
Lewis, C.A. *see* Thompson, C.M. 7444
Lewis, C.L.S. *see* Cairns, G. 35648
Lewis, C.L.S. *see* Holden, P.B. 28691
Lewis, C.P. *see* Littlehales, P.A. 10023
Lewis, C.P. *see* Littlehales, P.A. 38450
Lewis, C.R. *see* Yen, S.P.S. 10534
Lewis, C.R. *see* Yen, S.P.S. 17148
Lewis, C.W. Is your temperature data good enough? 38467
Lewis, D. Layered management services provide support for multimedia conferencing 37611
Lewis, D., Donnelly, W. Managing broadband VPN services in the PREPARE testbed 37283
Lewis, D.B. *see* Pugh, A.C. 28466
Lewis, D.J. *see* Greer, E.J. 28759
Lewis, D.J.H. *see* Habibi, D. 14262
Lewis, D.J.H. *see* Habibi, D. 37100
Lewis, D.M. *see* Parlakbilek, A.N. 26805
Lewis, G. *see* Ganesan, G.S. 387
Lewis, G. *see* Jordan, D.L. 47334

Lewis, H. Materials analysis for nickel-cadmium space cells 17241
Lewis, H.L. Method for determination of nickel (III) and nickel (IV) in alkaline rechargeable nickel cells 39312
Lewis, J.B. *see* Schaffner, J.H. 45968
Lewis, J.G. *see* Green, P.E., Jr. 5560
Lewis, L. A case-based reasoning approach to the management of faults in communication networks 5380
Lewis, L., Dreo, G. Extending trouble ticket systems to fault diagnostics 45442
Lewis, M. *see* Taylor, F.J. 21832
Lewis, M.D., Weeks, A.R., Myler, H.R. Maximization of contour edge detection using adaptive thresholding 5095
Lewis, M.D. *see* Weeks, A.R. 21973
Lewis, M.E., Brockenbrough, A.E., Cochand, J.A., Rodgers, T.K., Savage, K.S. A visual programming tool for hyperspectral data analysis 39408
Lewis, M.F., Wilson, R.A. The use of lenslet arrays in spatial light modulators 45103
Lewis, M.F. *see* Johnstone, A. 42012
Lewis, M.L. *see* Gale, D.C. 12400
Lewis, N.S. *see* Kumar, A. 42546
Lewis, P.S. *see* Mosher, J.C. 31951
Lewis, P.S. *see* Spencer, M.E. 31952
Lewis, R. *see* Smith, E. 37302
Lewis, R.A. *see* Abbott, B. 7245
Lewis, R.A. *see* Abbott, B. 31776
Lewis, R.B.J. *see* West, R.H. 3540
Lewis, R.H. *see* Banks, D.R. 34400
Lewis, R.I., Prakash, S. Vortex element methods applied to slatted aerofoils for application to wind turbines 32808
Lewis, T.J., Llewellyn, J.P., van der Sluijs, M.J. Electromechanical strain at dielectric interfaces 35152
Lewis, T.J., Villinger, H., Davis, E.E. Thermal conductivity measurement of rock fragments using a pulsed needle probe 24468
Lewis-Clapper, R.C., Fray, R.R. Simulator specification and procurement 25201
Lewis-Clapper, R.Caskie *see* Caskie Lewis-Clapper, R.
Lewison, C.S. *see* Hasan, A.R. 47363
Lewitzky, S. *see* Cronin, F.J. 22390
Lewkowits, S. *see* Jian Wei 42601
Lex, P.J., Matthews, J.F. Recent developments in zinc/bromine battery technology at Johnson Controls 17195
Ley, D., Becker, M. Intensity-guided laser rangefinding for three-dimensional coordinate-measurement and object-recognition 40988
Ley, D., Klicker, J., Scheffe, B. An intelligent multisensor system for high speed and high precision 3D-metrology 38712
Ley, D. *see* Becker, M. 30022
Ley, H. *see* Krieger, C.D. 23474
Ley, L. *see* Gertkemper, Th. 42680
Ley, L. *see* Haken, U. 34541
Ley, L. *see* Nagy, A. 42436
Ley, L. *see* Teuschler, T. 34575
Ley, R. *see* Asseo, E. 15383
Ley, R. *see* Bosser, J. 7067
Leydekkers, P., Gay, V. Open service architecture based on ODP experience in Cassiopeia 37219
Leyk, A. *see* Mertin, W. 42237
Leymarie, J. *see* Courboules, B. 41266
Leyo, M.E. Distribution circuits are remotely controlled by radio system 7756
Leys, C., Toebaert, D., Desoppere, E. Improved fast axial flow CO_2 laser simulation with experimental plasma parameter input 11959
Leys, C. *see* Sazhin, S. 3463
Leys, C. *see* Sazhin, S. 35696
Leys, M.R. *see* Ragay, F.W. 1925
Leys, M.R. *see* Ragay, F.W. 27624
Leyzerovich, A.Sh., Safonov, L.P., Ghuravel, A.M., Antonovich, A.V., Gordinskiy, A.A., Yatskevich, S.V. Automated diagnostical systems and subsystems for fossil power plant units: the experience of designing and operational mastering in the former USSR 32688
Lezal, D., Konak, K., Polakova, S., Petrovska, B. Extrinsic scattering losses in As_2S_3 glasses 3011
Lezec, H. *see* Ahopelto, J. 26400
Lezec, H.J., Ahopelto, J., Usui, A., Ochiai, Y. Focused-ion-beam surface modification for selective growth of InP wires on GaAs 27535
Lezec, H.J. *see* Chu, A. 23441
Lezin, Yu.S. Threshold signal/clutter ratios in the case of random signal detection 4631
Lezvinskaya, L.M. *see* Ship, V.V. 9858
L'Haridon, H. *see* Favennec, P.N. 10845
L'Haridon, H. *see* Kechouane, M. 10844
Lhermite, F., Alberkrack, J.H., Barrow, S.M. An economical controller corrects power factor 32924
Lhermite, H. *see* Aziz, A. 42842
Lhermite, H. *see* Sehil, H. 19846
L'Hote, D. *see* Yvon, D. 24035
Li, A., Liu, Y., Wu, D., Xie, L. A new TDM frequency spacing stabilization scheme for DFB lasers used in FDM systems 6035
Li, A. *see* Kimura, N. 16158
Li, B., Twesten, I., Krause, H.-P., Schwenter, N. Diffraction limited dry etching of GaAs at $\lambda = 130$ nm 42702
Li, B. *see* Ganz, A. 5486
Li, B. *see* Ganz, A. 6077
Li, B. *see* Rokhlin, S.I. 906
Li, B.J. *see* Pao-Lo Liu 44513
Li, C., Moncorge, R., Souriau, J.C., Borel, C., Wyon, Ch. Room temperature CW laser action of $Y_2SiO_5:Yb^{3+},Er^{3+}$ at 1.57 μm 43779
Li, C., Ren, Z., Razek, A. Complementarity between the energy results of H and E formulations in eddy-current problems 29103
Li, C., Ren, Z., Razek, A. Three-dimensional adaptive refinement in finite element computations of electromagnetic fields 44235
Li, C. *see* Bylsma, B. 15667
Li, C. *see* Bylsma, B.G. 31675
Li, C. *see* Lian, S. 9557
Li, C. *see* Souriau, J.C. 35736
Li, C.-a., Jap, P.J., Streiffert, D.L. Implementation of network flow programming to the hydrothermal coordination in an energy management system 24608
Li, C.-C. *see* Kim, H.J. 22107
Li, C.-C. *see* Sun, M. 22105
Li, C.-H., Yam, Y.-O. Minimum shunt capacitance of class E amplifier with optimum performance 33905
Li, C.-S., Chen, M.-S., Tong, F.F.-K. POPSMAC: a medium access protocol for packet-switched passive optical networks using WDMA 5249
Li, C.-S., Stone, H.S. Differential board/backplane optical interconnects for high-speed digital systems. I. Theory 10583
Li, C.-S. *see* Olsen, C.M. 10584
Li, C.-Y. *see* Borgesen, P. 34805
Li, C.-Y. *see* Brown, D.D. 34810
Li, C.-Y. *see* McGroarty, J. 17918
Li, C.-Y. *see* Yost, B. 17917
Li, C.C. *see* Das, M.K. 22071
Li, C.C. *see* Quader, K.N. 34956
Li, C.C. *see* Tu, R.H. 17956
Li, C.F., Murat, M., Jullien, J., Zhu, M.J. A fast-response catalytic hot-wire sonic nozzle probe to measure fuel concentration in a fuel/air mixture 31505
Li, C.F. *see* Chen, C.S. 19482
Li, C.G. *see* Bernstein, A. 31661
Li, C.G. *see* Wang, M.-Z. 31689
Li, C.J., Beigi, H.S.M., Li, S., Liang, J. Nonlinear piezo-actuator control by learning self-tuning regulator 25623
Li, C.K. *see* Leung, F.H.F. 16944
Li, C.S. *see* Tong, F. 38105
Li, C.W. *see* Wong, A.K.C. 5052
Li, C.Y., Liu, P.C.K. Throughput optimization of reservation protocols for high speed networks 37117
Li, C.Y. *see* Young, A.T. 46820
Li, C.Y. *see* Young, A.T. 46825
Li, D., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Chao, A.W., Collins, J., Derenchuk, V., Dutt, S., East, G., Ellison, M., Friesel, D., Hamilton, B., Huang, H., Jones, W.P., Lee, S.Y., Minty, M.G., Nagaitsev, S., Ng, K.Y., Pei, X., Sloan, T., Syphers, M., Teng, L., Wang, Y., Yan, Y.T., Zhang, P.L. Experimental measurement of resonance islands induced by RF voltage modulation 6973
Li, D., Bowring, N.J., Baker, J.G. A scanning temperature control system for laser diodes 12208
Li, D., Dolezal, T., Haimes, Y.Y. Capacity reliability of water distribution networks 9343
Li, D., Zhu, Y.-S., Li, H.-Z., Zhu, B. The adaptive separation of the overlapped periodic signals, whose periods are very close 13238
Li, D. *see* Caussyn, D.D. 7026
Li, D. *see* Caussyn, D.D. 38778
Li, D. *see* Ellison, M. 38779
Li, D. *see* Huang, H. 23976
Li, D. *see* Kawamura, Y. 3694
Li, D. *see* Lee, S.Y. 7040
Li, D. *see* Tymerski, R. 8492
Li, D. *see* Tymerski, R. 33885
Li, D.Y.-E. *see* Kasper, G. 1998
Li, E.-B., Wang, S.-K. LDA system with both tracking and counting 31516
Li, E.S.Y., Lo, V.H.Y. Application of Taguchi method in the wave soldering process—a local experience 9320
Li, F., Liu, H. A high-resolution approach to simultaneously estimate seismic stacking velocity and zero-offset time 7578
Li, F., Liu, H., Vaccaro, R.J. Performance analysis for DOA estimation algorithms: unification, simplification, and observations 21781
Li, F., Spencer, G.F., Wang, T., Andrews, C.C., Kirk, W.P. Effects of low energy ion exposure on modulation-doped GaAs heterostructures 27549
Li, F. *see* Andrews, C.C. 19920
Li, F. *see* Andrews, C.C. 42992
Li, F. *see* Feng, G. 30286
Li, F. *see* Lee, H. 4606
Li, F. *see* Luo, C.P. 3313
Li, F. *see* Merakos, L.F. 45828
Li, F. *see* Wang, T. 6745
Li, F.K. *see* Yueh, S.H. 47262
Li, G., Fiddy, M.A., Teng, Y.Y. High gain of a free electron laser with a Gaussian profile 35902
Li, G., Jagadish, C., Clark, A., Larsen, C.A., Hauser, N. Influence of growth rate on the dopant confinement in delta-doped GaAs epitaxial layers grown by low pressure metal organic vapour phase epitaxy 33654
Li, G., Pushpala, S., Bradford, B., Peng, Z., Gottipati, M. Improving ASM stepper alignment accuracy by alignment signal intensity simulation 2293
Li, G. *see* Jagadish, C. 719
Li, G. *see* Verriest, E.I. 13465
Li, G. *see* Xue, K.H. 25638
Li, G.G., Bridges, F., Xun Wang Monochromator-induced glitches in EXAFS data. II. Test of the model for a pinhole sample 31818
Li, G.P., Derwael, C., Dee, D., Fesler, R., Brohet, C.R. Value of computer-assisted analysis of the electrocardiogram, the vectorcardiogram, and the combined electro-vectorcardiogram in the diagnosis of 'complex' abnormalities 15858
Li, G.P., Makino, T. Single-mode yield analysis of partly gain-coupled multiquantum-well DFB lasers 43887
Li, G.P., Makino, T., Moore, R., Puetz, N., Leong, K.-W., Lu, H. Partly gain-coupled 1.55 μm strained-layer multiquantum-well DFB lasers 12160
Li, G.P. *see* Gopi, P.K. 2448
Li, G.P. *see* Hua, Y.M. 35984
Li, G.P. *see* Lo, C.C. 42969
Li, G.P. *see* Lu, H. 20779
Li, G.P. *see* Makino, T. 35796
Li, G.P. *see* Yang-Hua Chang 42892
Li, G.P. *see* Zhao, J. 20027
Li, G.P. *see* Zhao, J. 34936
Li, G.S. *see* Chang-Hasnain, C.J. 3619
Li, G.S. *see* Wu, Y.A. 28815
Li, G.Z. *see* Liu, Y.L. 28505
Li, H. Some new results in nonlinear predictive image coding using neural networks 4896
Li, H. Rotate adaptive filter and its application in the separation of overlapped periodic signals 13365
Li, H., De Cuyper, B., Bister, M., Nyssen, E., Cornelis, J. A blackboard system for analysing brain CT-scans 24208
Li, H., Jin, L. Image coding using fuzzy vector quantizer 29912
Li, H., Manjunath, B.S., Mitra, S.K. Contour-based multisensor image registration 30008
Li, H., Sun, S., Chen, M., Zhang, B., Shen, C., Zhang, L. A new adaptive control system for electric power drive 25878
Li, H., Wang, J. Computing optical flow with a recurrent neural network 22139
Li, H., Ye, J., McInerney, J.G. Detailed analysis of coherence collapse in semiconductor lasers 28830
Li, H. *see* Hwang, J.-N. 4485
Li, H. *see* Schamel, G. 38277
Li, H. *see* Simmonds, M.G. 41477
Li, H. *see* Wolfbeis, O.S. 23744
Li, H. *see* Shi, C. *(editor)* 17732
Li, H.-B., Iwanami, Y., Ikeda, T. A multidimensional BCM scheme with time-correlated fading compensation 4377
Li, H.-Y.S. *see* Psaltis, D. 28442
Li, H.-Z. *see* Li, D. 13238
Li, H.C., Wang, R.L., Wang, C.A., Li, J.W., Li, L., Cao, X.N., Yan, C.B., Fang, X.Z., Li, S.Q., Shi, Y.Y. In situ preparation of $GdBa_2Cu_3O_{7-x}$ films for microwave application by on-axis magnetron sputtering 35261
Li, H.F. *see* Gu, P.F. 34671
Li, H.F. *see* Pao, D. 22127
Li, H.F. *see* Wang, S.L. 42254
Li, H.M. *see* Yoon, S.F. 699
Li, H.Q., Yang, J. High T_c flux transformer of YBCO thick film 35278
Li, H.S. *see* Chang, J.F. 37917
Li, H.W., Sharaiha, A., Auffret, R., Le Bihan, J. High-bit-rate bidirectional optical transmission with two semiconductor laser amplifiers 46013
Li, I. *see* Guo, J.-E. 38045
Li, J. On polarization estimation using a polarization sensitive array 4598
Li, J., Compton, R.T., Jr. Maximum likelihood angle estimation for signals with known waveforms 13218
Li, J., Dasgupta, A. Failure-mechanism models for creep and creep rupture 17960
Li, J., Jaszczak, R.J., Turkington, T.G., Greer, K.L., Coleman, R.E. SPECT reconstruction of combined cone beam and parallel hole collimation with experimental data 7358
Li, J., Kameda, H. Effects of node processing time on optimal load balancing in tree hierarchy network configurations 14102
Li, J., Mochizuki, H., Ikeda, H., Yoshida, H., Tsuchiya, E., Shinohara, S. Audio, video and data signal transmission system employing optical wavelength division multiplexer 23052
Li, J., Wyss, U.P., Costigan, P.A., Deluzio, K.J. An integrated procedure to assess knee-joint kinematics and kinetics during gait using an optoelectric system and standardized X-rays 24199
Li, J. *see* Halkias, G. 42225
Li, J. *see* Ikeda, H. 23024
Li, J. *see* Kalnitsky, A. 26961

Li, J. *see* Liu, H.C. 23635
Li, J. *see* Liu, H.C. 46442
Li, J. *see* Lou, X. 927
Li, J. *see* Matsubara, Y.-I. 14666
Li, J. *see* Moinpour, M. 34706
Li, J. *see* Ozekici, S. 41044
Li, J. *see* Qishao Zhang 34221
Li, J. *see* Tamanaha, C. 38951
Li, J. *see* Vas, P. 40539
Li, J. *see* Wilson, P.H. 6501
Li, J. *see* Xiong, G.C. 33618
Li, J. *see* Xiong, G.C. 35257
Li, J. *see* Yang, X. 18160
Li, J.-J., Weng, C.-M. B-tree: a high-performance fault-tolerant ATM switch 37062
Li, J.C. *see* Lancaster, M.J. 1465
Li, J.G. *see* Shi, J.Y. 13668
Li, J.K.-J. *see* Pan, L. 39036
Li, J.K.-J. *see* Zakzewski, C.A. 24325
Li, J.M., Lafore, D., Arnould, J., Reymond, B. Analysis of switching behavior of the power insulated gate bipolar transistor by soft modeling 2537
Li, J.M. *see* Lafore, D. 1062
Li, J.P., Steckl, A.J. AFM study of nucleation and void formation in SiC carbonization of Si 33751
Li, J.P. *see* Steckl, A.J. 763
Li, J.P. *see* Steckl, A.J. 18243
Li, J.S., Yu, Z.Y., Xiang, X.Q., Ni, W.P., Chang, C.L. Least-square finite element method for electromagnetic fields in 2-D 3954
Li, J.S. *see* McKinstrie, C.J. 3763
Li, J.W. *see* Li, H.C. 35261
Li, K.C. *see* Lau, H.K. 37807
Li, K.C. *see* Lee, C.K. 36961
Li, K.C. *see* Liu, P.C.K. 9907
Li, K.D., Ozbay, E., Hou, A.S., Sheridan, J.A., Bloom, D.M. Ultrafast measurements of 200-GHz GaAs Schottky photodiodes 23592
Li, K.K. *see* Wang, F. 3169
Li, K.K. *see* Xia, Y.Q. 47586
Li, K.K. *see* Xia, Y.Q. 47587
Li, K.P. *see* Naylor, J.A. 29526
Li, K.S. *see* Yang, Z.P. 8827
Li, L., Chan, C.H., Tsang, L., Pak, K., Phu, P., Lou, S.H. Monte Carlo simulations and back-scattering enhancement of random metallic rough surfaces at optical frequencies 44282
Li, L., Chung, D.D.L. Electrical and mechanical properties of electrically conductive polyether-sulfone composites 26525
Li, L., Lizzul, C., Kim, H., Sacolick, I., Morris, J.E. Electrical, structural and processing properties of electrically conductive adhesives 41500
Li, L., Ma, B.M., Bounds, C.O. High resolution scanning electron microscopy study on sintered and cast NdFeB magnets 43325
Li, L. *see* Baenziger, M.A. 47559
Li, L. *see* Chan, C.H. 44297
Li, L. *see* Chen, H.B. 23657
Li, L. *see* Chhiu-Tsu Lin 33686
Li, L. *see* Li, H.C. 35261
Li, L. *see* Lu, H.B. 33716
Li, L. *see* Sottos, N.R. 20043
Li, L. *see* Su, X. 25461
Li, L. *see* Yuan, H.J. 20411
Li, L.H. *see* Zhu, C. 44738
Li, L.K., Wang, Y., Jurkovic, M., Wang, W.I. Molecular beam epitaxial growth of single domain ZnSe on Ge 33628
Li, L.S. *see* Er, M.H. 31076
Li, L.W., Kooi, P.S., Leong, M.S., Yeo, T.S. On the simplified expression of realistic raindrop shapes 36200
Li, L.W., Kooi, P.S., Leong, M.S., Yeo, T.S. A gamma distribution of raindrop sizes and its application to Singapore's tropical environment 44351
Li, M., Georganas, N.D. ACAL—an efficient adaptive chain oriented algorithm for the analysis of multiple chain closed queueing networks 5219
Li, M., Hong, B., Shi, M., Tang, S. A rule-based diagnosis and maintenance expert system for the GaAs production line on space station 9659
Li, M., Yakovlev, V.A., Wall, J., Irene, E.A. Ellipsometric determination of the thickness and refractive index of silicon films 31493
Li, M., Zhang, P., Machida, S. Simulation of the injection damping and resonance correction systems for the HEB of the SSC 46755
Li, M. *see* Chai, W.P. 41284
Li, M. *see* Chai, W.P. 41358
Li, M. *see* Holmes, A.S. 3133
Li, M. *see* Hu, Y.Z. 2197
Li, M. *see* Xue, H. 14258
Li, M.Y. *see* Tin Win 3466
Li, N., Desmet, S., Deknuydt, A., Van Eycken, L., Oosterlinck, A. Using subjective redundancy for DCT coding of moving images 36831
Li, N. *see* Lu, S. 16658
Li, P., Li, Y.Q., Salama, C.A.T. SHBT—a Schottky heterojunction bipolar transistor 11169
Li, P.-C., Flax, S.W., Ebbini, E.S., O'Donnell, M. Object dependent compensation of missing array elements 15707
Li, P.-C., Stamoulis, G.I., Hajj, I.N. A probabilistic timing approach to hot-carrier effect estimation 28281
Li, P.W., Yang, E.S. SiGe gate oxide prepared at low-temperatures in an electron cyclotron resonance plasma 10912
Li, Q., Taylor, P.C., Finger, F. Nuclear magnetic resonance studies on hydrogenated amorphous silicon prepared by very high-frequency glow discharge 26497
Li, Q., Zhao, M., Tang, S., Sun, S., Wu, J. Two-dimensional scanning laser slope gauge: measurements of ocean-ripple structures 7632
Li, Q. *see* O'Brien, E. 31743
Li, Q. *see* Rothwell, E. 46048
Li, Q.X. *see* Wu, Q. 20673
Li, Q.Z. *see* Chai, W.P. 41284
Li, Q.Z. *see* Chai, W.P. 41358
Li, R., Bisognano, J.J. Strong-strong simulation on the beam-beam effect in a linac-ring *B* factory 23971
Li, R. *see* Erneux, T. 43808
Li, R.X. *see* Xu, Z.Z. 35688
Li, S., Khurgin, J.B. Feasibility of phonon-assisted electronic devices 2400
Li, S., Khurgin, J.B. Microwave-developed three-dimensional real-time holography 12447
Li, S., Khurgin, J.B. Feasibility of the artificial ultrahigh mobility materials 19397
Li, S., Shahidehpour, S.M. An object-oriented power system graphics package for personal computer environment 24704
Li, S. *see* Li, C.J. 25623
Li, S. *see* Obeidat, A. 28512
Li, S. *see* Song, F. 36879
Li, S.-H. *see* Obraczka, K. 5457
Li, S.-J. *see* Kim, M. 1584
Li, S.-J. *see* Rutledge, D.B. 27288
Li, S.-q. *see* Lau, W.-c. 5173
Li, S.-Q. *see* Sheng, H.-D. 5198
Li, S.H., Bhattacharya, P.K., Malik, R., Gulari, E. Molecular beam epitaxial growth of $Si_{1-x}Ge_x$/Si pseudomorphic layers using disilane and germanium 687
Li, S.Q. *see* Li, H.C. 35261
Li, S.S. *see* Wang, D. 15018
Li, S.S. *see* Wang, Y.H. 38485
Li, S.S. *see* Yeong-Cheng Wang 23641
Li, S.Z. A unified approach to recognizing overlapping objects and continuous speech 13761
Li, T. The impact of optical amplifiers on long-distance lightwave telecommunications 30738
Li, T., Sethi, I.K. Optimal multiple level decision fusion with distributed sensors 21783
Li, T., Teich, M.C. Photon point process for traveling-wave laser amplifiers 30753
Li, T. *see* Motoshima, K. 43791
Li, T. *see* Wu, W. 1518
Li, T.-H. Blind deconvolution of linear systems with nonstationary discrete inputs 4716
Li, T.P.L. *see* Llevada, F. 9281
Li, V.O.K. *see* Banerjee, S. 30495
Li, V.O.K. *see* Choudhury, A.K. 22524
Li, V.O.K. *see* Hsu, C.-S. 6026
Li, V.O.K. *see* Lee, K.-C. 6075
Li, W. Multidimensional wave digital filters by use of transformation principle 21769
Li, W. On vector transformation 21971
Li, W., Basso, A., Nicoulin, A., Kunt, M. Design of perfect reconstruction, finite word length, nonuniform, and parallel-structured filter banks 22191
Li, W., Billinton, R. Incorporation and effects of different supporting policies in multi-area generation system reliability assessment 24705
Li, W., Nasrabadi, N.M. Invariant object recognition based on a neural network of cascaded RCE nets 22140
Li, W., Salari, E. Efficient coding method for stereo image pairs 36822
Li, W. *see* Billinton, R. 24601
Li, W. *see* Gu, X.P. 25081
Li, W. *see* Milster, T.D. 20429
Li, W.-C.W. *see* Chen, R.W. 17973
Li, W.-N., Lim, A., Agrawal, P., Sahni, S. On the circuit implementation problem 9899
Li, W.D. *see* Murray, B.A. 16898
Li, W.Q., Karakucuk, M., Kulman, J., East, J.R., Haddad, G.I., Bhattacharya, P.K. High frequency $GaAs/Al_{0.25}Ga_{0.75}As$ heterojunction bipolar transistors with transparent indium-tin-oxide emitter contacts 19033
Li, X., Hsu, J.-T., Aum, P., Bisseur, V., Chan, D., Viswanathan, C.R. Reappearance of plasma induced oxide charge under Fowler-Nordheim stress 34972
Li, X., Vandamme, L.K.J. A study of 1/f noise in LDD MOSFETs 19811
Li, X. *see* Cadzow, J.A. 22023
Li, X. *see* Hsu, J.-T. 19818
Li, X. *see* Takaya, K. 29917
Li, X. *see* Vandamme, L.K.J. 19807
Li, X. *see* Xin, J. 9821
Li, X.G. *see* Chen, R.S. 12681
Li, X.G. *see* Tao, Y.M. 29239
Li, X.Q., Wang, C., Ma, X.B., Yang, J. Ultra-shallow junction formation in silicon using phosphorus and boron doping by electron irradiation 10812
Li, X.R., Bar-Shalom, Y. Design of an interacting multiple model algorithm for air traffic control tracking 32054
Li, Y., Lohmann, A.W., Rao, S.B. Free-space optical mesh-connected bus networks using wavelength-division multiple access 22711
Li, Y., Middle, J.E., Weldl, S.M. Machine vision analysis of welding region and its application to seam tracking in arc welding 13530
Li, Y., Takada, T. Space charge distribution in multi-ply LDPE 35172
Li, Y., Unsworth, J. Effect of physical aging on dielectric, thermal and mechanical properties of cast-epoxy insulators 43213
Li, Y., Zhang, J. A compact model for ultra-short pulse driven recombination X-ray lasers in hydrogen-like ions 43740
Li, Y. *see* Chen, J. 5657
Li, Y. *see* Compaan, A. 25701
Li, Y. *see* Ding, Z. 29408
Li, Y. *see* Ha, B. 3250
Li, Y. *see* Nejim, A. 34613
Li, Y. *see* Papadopoulos, G. 4687
Li, Y. *see* Tong, J.J. 34445
Li, Y. *see* Zheng, X. 12308
Li, Y.-F., Anis, H.A., Izuka, K. General stationary solutions of guided waves in a nonlinear film 11641
Li, Y.-M., Jabri, M.A. A zero-skew clock routing scheme for VLSI circuits 26614
Li, Y.F. *see* Ohke, S. 12690
Li, Y.J. *see* Qishao Zhang 34221
Li, Y.J. *see* Xiong, G.C. 33618
Li, Y.J. *see* Xiong, G.C. 35257
Li, Y.L. *see* Xu, Z.Z. 35688
Li, Y.M., Kuffel, J., Janischewskyj, W. Exponential fitting algorithms for digitally recorded HV impulse parameter evaluation 32504
Li, Y.M. *see* Collins, R.W. 2166
Li, Y.M. *see* Wronski, C.R. 27490
Li, Y.Q. *see* Li, P. 11169
Li, Y.W., Hussey, C.D., Birks, T.A. Triple-clad single-mode fibers for dispersion shifting 43401
Li, Y.X., Laros, M., Sarro, P.M., French, P.J., Wolffenbuttel, R.F. Process design for plasma etching of polysilicon/silicon nitride/polysilicon sandwich structures for sensor applications 10940
Li, Y.X. *see* Deng, R.H. 12859
Li, Y.Z. *see* Luo, C.P. 3313
Li, Z., Behruzi, M., Fuerst, L., Stover, D. Crystalline structure and electrical conductivity of bulk-sintered and plasma-sprayed $La_{1-x}Sr_xMnO_{3-\delta}$ with $0 \leqslant x \leqslant 0.9$ 17264
Li, Z., Eremin, V., Strokan, N., Verbitskaya, E. Investigation of the type inversion phenomena: resistivity and carrier mobility in the space charge region and electrical neutral bulk in neutron irradiated silicon p^+-n junction detectors 7189
Li, Z. *see* Gui, M. 24021
Li, Z. *see* Sakellariou, N.K. 7599
Li, Z. *see* White, J.T. 31751
Li, Z.L. Effect of periodic surface roughness on $V(z)$ curves for the line-focus acoustic microscope 24530
Li, Z.S., Hou, X.Y., Cai, W.Z., Wang, W., Zhang, M., Dong, G.S., Jin, X., Wang, X. Sulfurized passivation of GaAs(100) surfaces 10966
Li, Z.X. *see* Wu, Q. 20673
Li Antao *see* Antao Li
Li Baiya *see* Baiya Li
Li Benren, Ning Yujie Study on anti-electromagnetic interference technology of industrial control systems 44463
Li Bin, Liu Chong, Li Zhu Micro-displacement generator for calibration 31453
Li Bin, Shi Shiping, Xie Xiren Demodulation of CPM with noncoherent detection and Viterbi algorithm 4369
Li Bin *see* Sun Zhaoying 32446
Li Bing-Jing *see* Bing-Jing Li
Li Bing-Zong *see* Bing-Zong Li
Li Bingcheng *see* Bingcheng Li
Li BingZong *see* BingZong Li
Li Binzhong *see* Binzhong Li
Li Biqing *see* Chen Yongsheng 13117
Li Bo, Zhang Boming, Wang Shiying An application of partial load flow to steady-state security analysis in power system 24779
Li Cao, Da-Jin Wu, Xue-Li Luo Effects of multiplicative colored noise in the growth of dye-laser radiation: the projection operator method 12034
Li Cao *see* Ling Lin 12033
Li Chang *see* Chang Li
Li Changli *see* Sun Jincheng 29545
Li Che-Yu *see* Che-Yu Li
Li Chen, Jianping Zhang A digital surface definition and fast algorithms for surface decision and tracking 36869
Li Chen, Jianping Zhang Classification of simple surface points and a global theorem for simple closed surfaces in three dimensional digital spaces 36870
Li Chen *see* Chen Li
Li Chen Yuan *see* Chen Yuan Li
Li Cheng *see* Wang Zhaomin 7262
Li Cheng Chung *see* Cheng Chung Li
Li Chengji *see* Chengji Li
Li Chengjiang *see* Jiang Lingzhen 12412

Li Chengjun *see* Chengjun Li
Li Chihwen *see* Chihwen Li
Li Ching-Chung *see* Ching-Chung Li
Li Chuanlu *see* Ling Genshen 12256
Li Chuanlu *see* Ling Genshen 20922
Li Chun-Yan *see* Zhang Cheng-Rui 31100
Li Chunfei *see* Si Jinhai 28999
Li Chunsheng, Li Jingwen, Zhou Yinqing A realizing method for spaceborne SAR digital imaging 15975
Li Cuiping *see* Zhang Yimen 28218
Li Cuiwei, Yao Yannan, Zang Liangzu The fault diagnosis of the printed boards of analog repeater in the program-controlled digital switching system 5661
Li Da-Cheng *see* Cao Mang 31466
Li Da-Cheng *see* Zhao Yang 43297
Li Da-Cheng *see* Zhao Yang 46463
Li Dacheng *see* Wu Yongjun 29071
Li Dai Energy and electricity conservation 8788
Li Dayi *see* Dayi Li
Li Deng A stochastic model of speech incorporating hierarchical nonstationarity 44764
Li Deshan *see* Chen Chia-Erh 15520
Li Deyu *see* Wang Zheng 47828
Li Diangou *see* Lu Yaxuan 25803
Li Diangou *see* Zhou Bo 25802
Li Dianguo *see* Sun Jiahua 25801
Li Dong *see* Dong Li
Li Dong-Hui *see* Zeng Jin-Ping 41176
Li Dong-Sheng, Tan Jiu-Bin, Qiang Xi-Fu, Yang Wen-Guo, Zhao Xi-Ping Applying the adjusting method of least square to obtain original data of flatness error 23901
Li Dong-Sheng, Tan Jiu-Bin, Qiang Xi-Fu, Yang Wen-Guo, Zhao Xi-Ping Compensating method of zero drift for magneto-sensing torque sensors 31157
Li Dong-Sheng *see* Pan Yong-Dong 31304
Li Dong-Sheng *see* Tan Jiu-Bin 31422
Li Dong-Sheng *see* Tan Jiu-Bin 46600
Li Dong-Sheng *see* Zhang Qin-Yan 38697
Li Dongkui *see* Chi Hanzhong 9906
Li Dongning *see* Dongning Li
Li Dunfu *see* Wang Dongjin 1512
Li Feng *see* Zhang Yaohui 21047
Li Fu-Qiang *see* Fu-Qiang Li
Li Fujian, Chen Tinghuai, Kang Tai Analysis of polling systems with multiple servers.1. Limited service system 5220
Li Fujian, Chen Tinghuai, Tian Mei Performability analysis of multiple token ring networks 5440
Li Fuming *see* Chen Lingbing 12318
Li Fuming *see* Zhang Xiaotian 12036
Li Fung Chang *see* Ariyavisitakul, S. 22854
Li Gao *see* Gao Li
Li Gengxin *see* Shu Zongxun 25352
Li Gong *see* Zhengfu Han 42547
Li Guanbing *see* Mei Yambiao 29068
Li Guanqi *see* Huang Meiqian 19857
Li Guifang *see* Guifang Li
Li Guo-Chun, Ye Bing, Tai Wei On-line detection of 3D contour and deformation of mechanical parts 38688
Li Guohui, Han Dejun, Chen Ruyi, Ji Chengzhou, Wang Cehuan, Xia Deqian, Zhu Hongqing Study of optimal ion implanted layers for Si^+ implanted SI-GaAs 42661
Li Guohui *see* Zhang Yanwen 10811
Li Guoqiang *see* Guoqiang Li
Li Haifeng *see* Xiong Hua 33021
Li Haifeng *see* Haifeng Li
Li Haijiang *see* Zeng Xuegang 34234
Li Haizhou, Xu Bingzheng A neural net DTW architecture in speech recognition 21644
Li Han *see* Haosheng Fei 44159
Li He *see* Ding, J. 3322
Li He *see* Jung Han 43911
Li He *see* Salokatve, A. 20767
Li Hong *see* Hong Li
Li Hong-Bin *see* Liu Yan-Bing 31190
Li Hongfu, Thumm, M. Study on mode coupling coefficients in curved corrugated circular waveguides 4189
Li Hongfu *see* Hongfu Li
Li Hongpu *see* Hongpu Li
Li Hongyi *see* Hongyi Li
Li Hsueh-Jyh *see* Hsueh-Jyh Li
Li Hua, Li Peng-Sheng, Zhao Hui-Jie, Niu Jun Discussion about data linearisation method for perpendicularity measurement 31420
Li Hua *see* Xu Jun 31461
Li Hua *see* Yu Sile 30998
Li Hua *see* Zhao Hui-Jie 38683
Li Hua *see* Hua Li
Li Huantie *see* Chen Chang 46880
Li Huanxin *see* Fu Yaoxian 35298
Li Hui *see* Hui Li
Li Huifeng, Wang Shiliang, Xu Yuchan, Wang Liqiong Pulse-degradation mechanism of nonohmic ZnO ceramics 15170
Li Huijuan *see* Feng Hao 20400
Li Hwang Rong *see* Rong Li Hwang
Li Ji *see* Ji Li
Li Jian *see* Jian Li
Li Jianchao *see* Jianchao Li
Li Jiandong The self-organizing algorithm and prototype system of a multi-channel packet radio network 14393
Li Jiangwei *see* Zhang Baozheng 20704
Li Jianhua *see* Jianhua Li
Li Jianjun *see* Zhou Changsheng 11158
Li Jianmeng *see* Jianmeng Li
Li Jianming *see* Jianming Li
Li Jianping *see* Chen Yu 6924
Li Jianxing *see* Jianxing Li
Li Jiarong *see* Zheng Fang 18309
Li Jie Gu *see* Jie Gu Li
Li Jiin Wen *see* Jiin Wen Li
Li Jin *see* Jin Li
Li Jinbiao *see* Xie Dexin 3990
Li Jing *see* Zhu Longde 18291
Li Jingwen *see* Li Chunsheng 15975
Li Jinhua, Lin Chenglu, Lin Zixin, Xue Caiguang, Zou Schichang SIMOX/SOI structure damaged by hydrogen at high temperature 27590
Li Jun, Li Xin-Xin New displacement sensor by the principle of fringe-field capacitance 38444
Li Jun *see* Chen Lingbing 12318
Li Jun *see* Wang Zhiquan 8463
Li Jun *see* Jun Li
Li Junchang Simple measurement of power density distribution of high power laser 3416
Li Junchang Data processing of CO_2 laser power density distribution measurement 20960
Li Junchang, Coutouly, J.F., Lu, Y., Merlin, J. Corrections and quantitative analysis of the output signal of a laser beam analyser (LBA) 28955
Li Jung-Chien *see* Jung-Chien Li
Li Ken Q-Q *see* Ken Q-Q Li
Li Kwang Wee *see* Wee Li Kwang
Li Langru *see* Cu Chenglin 8488
Li Langru *see* Lu Jiazheng 3998
Li Langru *see* Langru Li
Li Layuan Study of abstract formal model for communication protocol 37107
Li Lemin *see* Lemin Li
Li Li Tan *see* Tan Li Li
Li Lian *see* Lian Li
Li Lifeng *see* Lifeng Li
Li Lihua *see* Lihua Li
Li Lijun *see* Zhao Zhongpi 3942
Li Lin *see* Chen Juxin 38501
Li Lin *see* Lin Li
Li Linlin *see* Linlin Li
Li Liu *see* Karady, G.G. 35107
Li Lohmin *see* Tan Lijun 4410
Li Lohmin *see* Tan Lijun 13869
Li Lohmin *see* Tang Jun 12806
Li Longnian Harmonic analysis of six-phase constant-current induction motor with variable frequency source of square wave 25444
Li Minfu *see* Ouyang Bin 3557
Li Ming *see* Bergquist, H. 11379
Li Ming *see* Hu Dan-Kang 38690
Li Ming *see* Leijon, M.A.S. 48036
Li Ming *see* Nordin, R.S.B. 8680
Li Ming-yi *see* Ming-yi Li
Li Mu *see* Mu Li
Li Ning, Lin Shiming A phase perturbation method in phase-only nulling arrays—MDLS method 44615
Li Pao, Yin Wenyan Radiation patterns of electric dipole antenna in the presence of a biisotropic sphere 44544
Li Pao *see* Yin Wenyan 4186
Li Pao *see* Yin Wenyan 29237
Li Pao *see* Yin Wenyan 36150
Li Pao *see* Yin Wenyan 44514
Li Peitao *see* Huang Meiqian 19857
Li Peng *see* Peng Li
Li Peng-Sheng, Cai Hai-Nan Micro-displacement measurement in high-accuracy moving stage by strain gages 31452
Li Peng-Sheng, Zhang Zuo, Fan Zhi-Gang Study of quartz crystal weighing installation 46646
Li Peng-Sheng *see* Li Hua 31420
Li Peng-Sheng *see* Zhao Hui-Jie 38683
Li Pengsheng *see* Fan Zhigang 31454
Li Pengsheng *see* Zhang Zuo 31478
Li Ping *see* Chen Wen-Yi 31136
Li Ping *see* Mu Gang 7699
Li Ping *see* Wu Ming-Tang 23557
Li Qihu, Sun Changyu, Sun Zeng, Cai Huizhi, Liu Zhengyuan, Qiao Jun A new multi-beamforming method for digital sonar in the time domain 29689
Li Qing *see* Qing Li
Li Qing-Quan *see* Qing-Quan Li
Li Qing-Xiang *see* Gao Hong 38682
Li Qingguo *see* Qiu Zhi 12042
Li Qingguo *see* Yu Shusheng 28705
Li Qu *see* Qu Li
Li Qun *see* Qiu Peihua 12319
Li Qun *see* Qun Li
Li Qun Ruan, Smoliar, S.W., Kankanhalli, A. An analysis of low-resolution segmentation techniques for animate video 13741
Li Qun Zhang *see* Qun Zhang Li
Li Ren *see* Zhuang Wanru 28668
Li Ren-Cang *see* Ren-Cang Li
Li Renjun, Liang Jin, Meng Zhaoyong A new technique for accurately locating power transmission line faults 32462
Li Renxing *see* Gong Linghua 15336
Li Ronghui *see* Ronghui Li
Li Rongxing *see* Rongxing Li
Li Ru-xin *see* Ru-xin Li
Li Rue-Ding *see* Rue-Ding Li
Li Ruining, Wang Junmin, Liang Xiaoyan, Xie Changde, Peng Kunchi, Xu Guanfeng CW Nd:MgO:$LiNbO_3$ self-frequency doubled laser with high output power 20689
Li Ruining *see* Ruining Li
Li Ruiwei *see* Cheng Yuhua 42904
Li Ruiwei *see* Cheng Yuhua 42905
Li Rukui The prospects of power transmission from Shanxi Province, Shaanxi Province and West Inner Mongolia Neimenggu autonomous region to other regions 32299
Li Ruo-Ding *see* Ruo-Ding Li
Li Ruo-Ju *see* Mu De-Qiang 28393
Li Ruxing *see* Ouyang Bin 3557
Li San-Qi *see* San-Qi Li
Li Sha-Bai *see* Liu Qi-Yuan 47224
Li Shang-Ping, Zhang Hong-Hai, Sun Gui-Jing, Xie Liang-Fu, Chen Ri-Yao, Shi Han-Min Study on several problems about a scanning tunnelling microscope used for microtopography measurement 46601
Li Shang-Ping *see* Xie Liang-Fu 32140
Li Shaolin *see* Shaolin Li
Li Shaoping *see* Shaoping Li
Li Shen Transverse effects in absorption thermooptic bistability in CdS films 20974
Li Shen *see* Shen Li
Li Sheng-Yi, Tan Jie, Pan Pei-Yuan Fine sequential-three-points method for online measurement of the straightness of precision lathes 31437
Li Sheng-Yi *see* Liang Jian-Cheng 38694
Li Shengtao, Liu Fuyi, Song Xiaolan, Xu Bingyan, Liang Yujin New idea of degradation mechanism of ZnO nonohmic ceramics [varistors] 10521
Li Shi-Jie *see* Shi-Jie Li
Li Shijie, Xie Da, Zheng Yanfei, Tang Jinfa, Fan Jikang Switch characteristic and logic operation using a single nonlinear interference filter (NIF) 21037
Li Shu Ying *see* Ma Jin 33698
Li Shulong *see* Shulong Li
Li Shun-Cheng *see* Liu Qi-Yuan 47224
Li Shun-Cheng *see* Liu Qi-Yuan 47224
Li Shungyuan *see* Shungyuan Li
Li Shuqin *see* Chen Juxin 38501
Li Shuqin *see* Shuqin Li
Li Shuyuan *see* Li Zhichang 7293
Li Si-Fan *see* Si-Fan Li
Li Siqing *see* Siqing Li
Li Song, Boillot, J.P., Lemelin, G., Lessard, R.A. 3-D active vision system with high lateral resolution and large depth of field 6594
Li Tai-Hsiung *see* Tai-Hsiung Li
Li Tan Li *see* Tan Li Li
Li Tian *see* Tian Li
Li Tingye *see* Tingye Li
Li To-Sing *see* To-Sing Li
Li Tong *see* Sun Jincheng 29545
Li Tze Fen *see* Tze Fen Li
Li Voti, R. *see* Bertolotti, M. 20898
Li Voti, R. *see* Bertolotti, M. 35869
Li Wang, San Jan Mau, Chieh Chen Chuko Suppression of common torsional mode interactions using shunt reactor controllers 24677
Li Wang *see* Xizhi Li 31240
Li Wei *see* Wei Li
Li Weiguo *see* Chen Chia-Erh 15520
Li Weimin *see* Chen Guangju 38375
Li Weiping *see* Weiping Li
Li Wen Huang *see* Huang Li Wen
Li Wenging A new method of designing active antenna 12749
Li Wenxing, Liu Maoheng, Ren Hongwei A narrow-band processing method for broad-band adaptive communication antenna arrays—frequency constraint method 12778
Li Xiang *see* Zhao Yang 43297
Li Xiang Tong *see* Xiang Tong Li
Li Xiangyin, Yang Qing Study of the selection on intervals of multi-pair electrodes and pulsed discharge time 28702
Li Xianji *see* Xu Haishui 5180
Li Xiao-Guang *see* Wang Liangbin 33757
Li Xiaobing *see* Xiaobing Li
Li Xiaobo *see* Xiaobo Li
Li Xiaodong, Zheng Zhihang A hierarchical adaptive block matching method for motion estimation 30155
Li Xiaodong *see* Zeng Jianer 21386
Li Xiaofeng, Liu Guangyi, Wang Xing State estimation of North China power system 7738
Li Xiaoguang *see* Chen Chang 46880
Li Xiaojun *see* Lu Yaxuan 25803
Li Xiaojun *see* Sun Jiahua 25801
Li Xiaojun *see* Zhou Bo 25802
Li Xiaoye *see* Xiaoye Li
Li Xihua *see* Feng Hao 20483
Li Xihua *see* Kang Xiaoli 43941
Li Xin-Xin *see* Li Jun 38444
Li Xingjiao *see* Zheng Fang 18309
Li Xingjiao *see* Xingjiao Li
Li Xingyuan, Huang Yaoqun, Xie Yingpu A novel approach of the fault monitor for rotating rectifiers of brushless AC exciters 16754
Li Xiong-Jun, Li Zhu, Tang Liang-Jing On-line non-contact position velocity measurement system 38685

Li Xiong-Jun, Li Zhu, Tang Ling-Jing Research on profile tracing and recognition for hot strip ends 46605
Li Xishan *see* Wu Zhongjun 28432
Li Xiuqiong, Lu Liwu, Chen Weide Deep levels of ohmic contact and interconnection of silicon shallow junction 27789
Li Xizhi *see* Xizhi Li
Li Xu *see* Xu Li
Li Xueqin *see* Xueqin Li
Li Xueqing, Guo Kaizhou, Zhou Quan Fullwave analysis of ultra-short pulse photoconductive switches 11848
Li Yabo *see* Yabo Li
Li Yan *see* Ye Miao-Yuan 31250
Li Yan-Da *see* Luo-Fa-Long 42110
Li Yanbei, Ju Jiubin Connecting SUNnet and DECnet using LAT 37392
Li Yanda *see* Chen Dingguo 44820
Li Yanda *see* Luo Falong 13262
Li Yanfeng *see* Wu Xinghui 23747
Li Yang *see* Haglund, R.F., Jr. 21065
Li Yangxu *see* Yang Shibai 7897
Li Yanhe *see* Xu Baoxi 20886
Li Yao *see* Zheng Xingshi 15228
Li Yao-ling *see* Yao-ling Li
Li Yaoguo *see* Yaoguo Li
Li Yaolin *see* Ouyang Bin 3557
Li Yaolin *see* Shen Baifei 20608
Li Ying-Chun *see* Zhou Yao-Dong 47797
Li Ying-Ming *see* Ying-Ming Li
Li Yingjie *see* Yingjie Li
Li Yisong *see* Yisong Li
Li Yong *see* Yong Li
Li Yonggui *see* Zheng Jie 29000
Li Yonggui *see* Yonggui Li
Li Yuan Xing *see* Yuan Xing Li
Li Yuan-Min *see* Yuan-Min Li
Li Yuanjing *see* Yuanjing Li
Li Yuanxing, Wang Xinmei On the security of Niederreiter's public-key algebraic-code cryptosystem and the optimization of parameters 12904
Li Yubing *see* Ye Zongyuan 24135
Li Yude Thermal regime in coaxial CO_2 laser 11923
Li Yulin *see* Wang Dayong 20507
Li Yulin *see* Yulin Li
Li Yun-De *see* Zhang Li 28116
Li Yun-De *see* Yun-De Li
Li Yunqing, Tang Xiangyun, Ma Jusheng, Diao Fengqong The microstructure and thermal fatigue behaviour of 62Sn-36Pb-2Ag solder joints 18302
Li Yupu *see* Yupu Li
Li Za Son Approximation of the noise characteristic of the heterodyne in a radio receiver 37697
Li Zaiguang *see* Zheng Fang 18309
Li Zaiguang *see* Zaiguang Li
Li Ze-Nian *see* Ze-Nian Li
Li Zelan *see* Liu Shangqian 15087
Li Zhaiguang *see* Cao Danhua 20143
Li Zhan-Ming *see* Zhan-Ming Li
Li Zhanchun *see* Zhanchun Li
Li Zhang, Ai-Guo Wu, Yun-De Li, Jiang Wang A new method of identify the blocking state of the GTO 28118
Li Zhang *see* Jiajun Zhang 3267
Li Zhang *see* Zhang Li
Li Zhao-Liang *see* Zhao-Liang Li
Li Zhao-Quan, Zhao Zhi-Fan, Lei Chun-Qi High reliability monitoring system for power networks 32328
Li Zhaoji, Du Juan Transient turn-off fast relaxation of complementary lateral insulated-gate bipolar transistor 19788
Li Zhenbang *see* Tang Jun 12806
Li Zhenbiao, Zhang Guansheng, Qin Qingsheng Static welding resistance of electric contact materials 42271
Li Zheng *see* Ni Yu-De 39209
Li Zheng *see* Zheng Li
Li Zhengfan *see* Mao Junfa 12651
Li Zhi-Gao, Zou Jian, Pan Ying Jun, Huang Shang-Lian Optical signal processing of distributed fiber optical force sensor 38526
Li Zhi-Gao *see* Shi Wen-Jiang 28457
Li Zhi-Lun *see* Zhang Rui-Bing 1478
Li Zhi-Min *see* Liu Qi-Yuan 47224
Li Zhi-Yang *see* Wu Zhen 31303
Li Zhi-Yi *see* Zhi-Yi Li
Li Zhi-Yong *see* Zhi-Yong Li
Li Zhichang, Cheng Yehao, Yan Chen, Yang Jingang, Zhang Qinghua, Li Shuyuan, Zhao Kui, Lu Xiuqin, Jiang Chenglie Beijing Q3D magnetic spectrometer and its applications 7293
Li Zhijian *see* Cheng Yuhua 42904
Li Zhijian *see* Cheng Yuhua 42905
Li Zhijian *see* Sun Xiqing 25476
Li Zhijian *see* Sun Xiqing 27335
Li Zhijian *see* Xu Li 27649
Li Zhijian *see* Zhang Xisheng 19724
Li Zhijian *see* Zhang Xisheng 28119
Li Zhijun *see* Wang Baisuo 36300
Li Zhiyong *see* Liu Bo 29843
Li Zhong Qiang, Telfer, D. Image texture segmentation: a local feature statistics approach 13672
Li Zhongcheng *see* Zhongcheng Li
Li Zhongwei, Zeng Qingfu, Xu Huanen, Grant, P.M., Cowan, C.F.N., Mulgrew, B. The asymptotic Cramer-Rao lower bound and maximum likelihood estimation of parameters of exponentially damped sinusoid from noisy measurements 6271
Li Zhou *see* Limin Dai 25840
Li Zhou *see* Xiuhua Chen 25841
Li Zhu *see* Chen Tao 31445
Li Zhu *see* Jiang Xiang-Qian 31444
Li Zhu *see* Jiang Xiang-Qian 46607
Li Zhu *see* Li Bin 31453
Li Zhu *see* Li Xiong-Jun 38685
Li Zhu *see* Li Xiong-Jun 46605
Li Zhu *see* Liu Chong 31417
Li Zhu *see* Lu Xiao-Dong 31159
Li Zhu *see* Wang Ju-Xiang 31174
Li Zhu *see* Xie Tu-Qiang 31309
Li Zhu *see* Xu Zhen-Gao 23457
Li Zhu *see* Yao Wen-Ming 31450
Li Zhu *see* Zhu Li
Li Zhube *see* Mei Yambiao 29068
Li Zunquan *see* Zunquan Li
Li Zuofeng *see* Zuofeng Li
Li-De Wu *see* Wu Li-De
Li-Fung Chang *see* Beller, M.J. 37363
Li-huang Lin *see* Zhi-zhang Xu 3453
Li-Ilan Chen *see* Jin, S. 41501
Li-Jen Cheng, Tien-Hsin Chao, Dowdy, M., LaBaw, C., Mahoney, C., Reyes, G., Bergman, K. Multispectral imaging systems using acousto-optical tunable filter 24470
Li-Jie Chen *see* Chen Li-Jie
Li-Jun, L., Cocco, D., Jark, W. Simple plane grating monochromator for synchrotron radiation 31811
Li-Min Luo *see* Xiao-Hua Xie 5000
Li-Min Luo *see* Xiao-Hua Xie 5068
Li-Ming He *see* De-Gui Sun 20453
Li-Pen Yuan A unified approach for the coupled-mode analysis of nonlinear optical couplers 43478
Li-Pen Yuan A numerical technique for the determination of the propagation characteristics of nonlinear planar optical waveguides 43479
Li-Qun Cao *see* Cao Li-Qun
Li-Ren Shen *see* Shen Li-Ren
Li-Xing Han *see* Han Li-Xing
Li-Yan Chen *see* Chen Li-Yan
Li-Zhuan Zhao *see* Zhao Li-Zhuan
Lia, G.M.A., Montanari, I., Ribani, P.L. Optimized magnetic structures for commercial size MHD superconducting magnets 25329
Liakhou, G. *see* Bertolotti, M. 20898
Liakhou, G. *see* Bertolotti, M. 35869
Lian, G. *see* Billinton, R. 25604
Lian, G. *see* Billinton, R. 32173
Lian, G. *see* Billinton, R. 32208
Lian, G.J. *see* Qishao Zhang 34221
Lian, G.J. *see* Xiong, G.C. 33618
Lian, G.J. *see* Xiong, G.C. 35257
Lian, S., Fowler, B., Krishnan, S., Jung, I., Li, C., Manna, I., Samara, D., Banerjee, S. Photo-enhanced chemical vapor deposition: system design considerations 9557
Lian Li *see* Kim, D.Y. 20247
Lian Yingwu *see* Yingwu Lian
Lian Yong *see* Yong Lian
Lian Yongjun *see* Zheng Ning 28244
Lian-Hua Lu *see* Lu Lian-Hua
Lian-Xing Jia *see* Jia Lian-Xing
Liang, A.Y. *see* Jaeger, C.D. 5620
Liang, B.W., He, Y., Tu, C.W. Low-temperature growth and characterization of InP grown by gas-source molecular-beam policy 748
Liang, B.W. *see* Dreszer, P. 42409
Liang, B.W. *see* Houng, Y.M. 43874
Liang, C., Sun, F.P., Rogers, C.A. Coupled electro-mechanical analysis of adaptive material systems—determination of the actuator power consumption and system energy transfer 35186
Liang, C., Sun, F.P., Rogers, C.A. An impedance method for dynamic analysis of active material systems 43230
Liang, C. *see* Stastny, J.A. 23540
Liang, C. *see* Sun, F.P. 18364
Liang, C. *see* Zhou, S. 926
Liang, C.-T., Smith, C.G., Nicholls, J.T., Hughes, R.J.F., Pepper, M., Frost, J.E.F., Ritchie, D.A., Grimshaw, M.P., Jones, G.A.C. Weak localization and electron-electron interactions in a two-dimensional grid lateral surface superlattice 42527
Liang, C.H. *see* Cui, T.J. 21329
Liang, C.H. *see* Cui, T.J. 36116
Liang, C.H. *see* Cui, T.J. 36162
Liang, C.S. *see* Moore, J. 29194
Liang, C.W. *see* Feng, M.S. 42977
Liang, D. *see* Uttamchandani, D. 6538
Liang, G., Wilkes, D.M., Cadzow, J.A. ARMA model order estimation based on the eigenvalues of the covariance matrix 13176
Liang, G.-C., Shih, C.F., Withers, R.S., Cole, B.F., Johansson, M.E., Suppan, L.P. Superconductive digital instantaneous frequency-measurement subsystem 6753
Liang, H.-B., Zhong, Y.-R. A microprocessor-based self-adaptive trigger for thyristor converters 8548
Liang, J. *see* Li, C.J. 25623
Liang, J.-F., Zaki, K.A. CAD of microwave junctions by polynomial curve fitting 1428
Liang, J.-F. *see* Yao, H.-W. 1412
Liang, J.Y., Aitchison, C.S. Calculated signal-noise ratio of the combination of a P-I-N photodiode and a distributed amplifier with frequency dependent characteristic impedances 28680
Liang, J.Y., Wilson, M.G.F. An integrated optical Fabry-Perot modulator in $LiNbO_3$ 20383
Liang, L., Neufeld, G.W., Chanson, S.T. A name model for nested group communication 22541
Liang, Q.T. *see* Granpayeh, N. 35396
Liang, R. *see* Ma, Q.Y. 41280
Liang, S., Ray-Chaudhuri, A.K., Ng, W., Singh, S., Welnak, J.T., Cerrina, F. A spectromicroscopic study of corrosion in Al-Cu-Si metallization 34840
Liang, S., Salama, C.A.T., Maliepaard, M. Modeling the DC characteristics of merged bipolar-MOS structures 28287
Liang, S. *see* Gurary, A.I. 9540
Liang, S.T.Y., Ng, J.M. Performance evaluation of statistical techniques for Chinese character recognition 13748
Liang, X. *see* Kalpaxis, L.L. 4813
Liang, X.-J. Network planning methodology and practice in China 5395
Liang, X.-P., Chang, H.-C., Zaki, K.A. Modeling of cylindrical dielectric resonators in rectangular waveguides and cavities 1411
Liang, X.-P. *see* Yao, H.-W. 1412
Liang, X.-P. *see* Zaki, K.A. 18991
Liang, Y. *see* Davids, C.N. 24115
Liang, Y.C. *see* Chang, C.S. 32242
Liang, Y.C. *see* Ng, T.K. 25532
Liang, Y.H., Maley, N., Abelson, J.R. High substrate temperature a-Si:H grown by DC reactive magnetron sputtering 26463
Liang, Z. *see* Gilland, D.R. 7357
Liang Bo *see* Hua Peizhong 1501
Liang Changhong, Shi Xiaowei Generalized matching theory for multi-port network 33805
Liang Chen *see* Chen Liang
Liang Chen Jau *see* Jau Liang Chen
Liang Chi Chin *see* Varadan, V.V. 32139
Liang Chien-Chan *see* Chien-Chan Liang
Liang Cuifang *see* Chen Yuan Li 25762
Liang Cuifang *see* Cuifang Liang
Liang Depei *see* Meng Jianbo 6855
Liang Feng, Yu-Kun Ho Net electron acceleration by a strong laser field and a RF wave 46781
Liang Fwu-Rong *see* Fwu-Rong Liang
Liang Guo-Chun *see* Guo-Chun Liang
Liang Guolong *see* Cai Ping 29688
Liang Guozhao *see* Cai Wei 31794
Liang He Jian *see* Jian Liang He
Liang Hong *see* Wang Shi-Kai 31421
Liang Huibing *see* Huibing Liang
Liang Ji-Fuh *see* Ji-Fuh Liang
Liang Jia Yi *see* Jia Yi Liang
Liang Jian-Cheng, Li Sheng-Yi, Yang Shu-Zi Problems and solving methods of on-line measuring straightness 38694
Liang Jian-Cheng *see* Wang Shi-Min 31104
Liang Jiben, Kong Meiying, Wang Zhanguo, Zhu Zhanping, Duan Weixin, Wang Chunyan, Zhang Xueyuan, Zeng Yiping MBE growth of GaAs buffer at low temperature 41247
Liang Jiewen *see* Zheng Fang 18309
Liang Jin *see* Li Renjun 32462
Liang Jin-Wen *see* He Zhen 31439
Liang Jin-Wen *see* Ma Shu-Yuan 21150
Liang Jin-Wen *see* You Zheng 31463
Liang Jing-Tong *see* Jing-Tong Liang
Liang Junwen *see* Junwen Liang
Liang Ming-Kaan *see* Ming-Kaan Liang
Liang Peihui *see* Ren Hong 28701
Liang Pingzhi *see* Gong Dawei 23629
Liang Shuang *see* Wang Xiaowei 28703
Liang Sujun, Luo Jinsheng A boundary element numerical method for analysis of field in high-voltage junction termination 19376
Liang Sujun, Luo Jinsheng BEM numerical simulation of high voltage MZ-JTE 34874
Liang Wen-Jen *see* Wen-Jen Liang
Liang Xi Chang *see* Tang Chao-Wei 38680
Liang Xi-Chang *see* Shi Jin-Fa 31310
Liang Xi-Chang *see* Tang Chao-Wei 23899
Liang Xiao-Peng *see* Xiao-Peng Liang
Liang Xiaoyan *see* Li Ruining 20689
Liang Xiaoyan *see* Xiaoyan Liang
Liang Xiaoyin, Qu Beimin DC electromotor energy consumption control 16893
Liang Xichang *see* Meng Jianbo 6855
Liang Xiong Jian *see* Xiong Jian Liang
Liang Xu *see* Hailong Wang 751
Liang Xue-jin *see* Jiang Ben-he 38677
Liang Yu *see* Yu Liang
Liang Yuijn *see* Chen Junwu 10522
Liang Yujin *see* Li Shengtao 10521
Liang Zhishan, Qiu Changtao, Wang Jinli A new type intelligent multi-user single phase kWh meter 6682
Liang-Chuang Wang *see* Hui-Yung Chu 8502
Liang-Fu Xie *see* Xie Liang-Fu
Liang-Gee Chen, Yeu-Shen Jehng, Tzi-Dar Chiueh, Yuan-Chen Liu VLSI design of motion estimator for HDTV application 38304
Liang-Gee Chen *see* Lih-Gwo Jeng 41970

Liang-Jing Tang *see* Tang Liang-Jing
Liang-Wei Lee, Jhing-Fa Wang, Jau-Yien Lee, Chuen-Cherng Chen Motion oriented picture interpolation with human perceptual consideration 29798
Liang-Wei Lee, Jhing-Fa Wang, Jau-Yien Lee, Jung-Dar Shie Dynamic search window adjustment & interlaced search for block matching algorithm 30154
Liangbin Wang *see* Wang Liangbin
Liangdi Qi *see* Qi Liangdi
Liangfu Peng *see* Peng Liangfu
Lianggeng Tian *see* Tian Lianggeng
Lianghuan Feng *see* Jun Liu 1903
Lianghuan Feng *see* Jun Liu 10684
Lianghuan Feng *see* Jun Liu 10699
Lianghui Chen *see* Chen Lianghui
Liangsheng Qu *see* Nianhong Wan 6342
Liangxian Gong *see* Shuheng Bian 43748
Liangyan Sun *see* Hirata, M. 46527
Liangzheng Xia, Qingyao Luo, Xiaobing Li, Xioaguang Ma A new fast algorithm of 2-D moment invariant based on projection 21930
Liangzu Zang *see* Zang Liangzu
Lianhui Chen *see* Voumard, P. 32963
Lianjing Xue *see* Xue Lianjing
Lianying Zhang *see* Zhang Lianying
Liao, A. A reduced Hessian method for constrained optimization 9427
Liao, C.-M. *see* Hong, Y.-Y. 7842
Liao, H.-Y. *see* Chen, L.-H. 22181
Liao, H.J. *see* Kuo, J.B. 10108
Liao, H.J. *see* Kuo, J.B. 10141
Liao, I.C. *see* Chang, M.C. 19855
Liao, K.-F. *see* Cho, J.-D. 17905
Liao, K.Y. *see* Zhao, J. 20027
Liao, K.Y. *see* Zhao, J. 34936
Liao, M.W. *see* Cavers, J.K. 22846
Liao, P., York, R.A. A new phase-shifterless beam-scanning technique using arrays of coupled oscillators 36435
Liao, P., York, R.A. A six-element beam-scanning array 36444
Liao, Q.D., Yang, K.T., Nee, V.W. An analysis of conjugate heat transfer from a heated wall in a channel with zero-mean oscillatory flow for small oscillatory flow Reynolds numbers 40923
Liao, S.H. Modelling of the chemical etching process for plating base removal in thin film head fabrication 2837
Liao, S.H., Anderson, S.E. Domain characteristics and conformal deposition of NiFe thin films 11484
Liao, T.-L.T. *see* Addison, R.C., Jr. 9839
Liao, T.W. *see* Hirschfeld, R.A. 40840
Liao, Y. *see* Shakal, A. 16770
Liao Fujiang Optical control of microwaves and its application to phased array antenna systems 36411
Liao Guangdi *see* Hu Guogen 16144
Liao Guisheng *see* Bao Zheng 14700
Liao Hai-Yang *see* Chen Yong Le 38673
Liao Hung *see* Hung Liao
Liao Jianghong, Mohebati, A., King, T.A. Mechanism of single longitudinal mode operation of semiconductor diode laser with an external cavity 20876
Liao Jianghong, Xu, G., King, T.A. Characteristics of ring dye lasers coupled with self-pumped phase conjugate mirrors 20939
Liao Jianhong *see* Mei Yambiao 29068
Liao Jingying *see* Xu Xuewu 18117
Liao Jingying *see* Xu Xuewu 18133
Liao Ke-Qiang *see* Ke-Qiang Liao
Liao Kuo-Feng *see* Kuo-Feng Liao
Liao Nian-Zhao, Qin Lan, Wang Xue-Mei New system of on-line measuring the large gear's spiral error 38678
Liao Nian-Zhao, Wang Dai-Hua, Fu Xiao-Ying Experimental research on in-process measurement of large-scale gears profile with a straightline basis 31423
Liao Pok-Kai *see* Pok-Kai Liao
Liao Shu-Ling *see* Shu-Ling Liao
Liao Xianbo *see* Fu Jishi 48111
Liao Xianbo *see* Xiong Hua 33021
Liao Yuefeng *see* Yuefeng Liao
Liao Zhao-Shu *see* Yang Kun-Tao 38675
Liao-Bo Peng *see* Peng Liao-Bo
Liapis, C. *see* Wood, M. 46891
Liau, B. *see* Girard, A. 22464
Liau, Z.L., Mull, D.E., Dennis, C.L., Williamson, R.C., Waarts, R.G. Large-numerical-aperture microlens fabrication by one-step etching and mass-transport smoothing 43836
Liautard, B. *see* Obadi, A. 9566
Liavas, A., Theodoridis, S. Novel Schur type algorithm for near to Toeplitz linear systems with multichannel entries 13451
Liavas, A., Theodoridis, S. Efficient Levinson- and Schur-type algorithms for block near-to-Toeplitz systems of equations 44811
Liaw, B.Y. *see* Gao, Q.-H. 17328
Liaw, C.M., Chiang, S.J. Robust control of multimodule current-mode controlled converters 40317
Liaw, C.M., Lin, F.J. A discrete adaptive induction position servo drive 25422
Liaw, C.M., Lin, F.J. A robust induction motor servo drive 33102
Liaw, C.M. *see* Lin, F.J. 17420
Liaw, C.M. *see* Lin, F.J. 17498
Liaw, H.Ming *see* Ming Liaw, H.
Liaw Chang-Ming *see* Chang-Ming Liaw
Liaw Chii-Ming *see* Chii-Ming Liaw
Liaw FongChing *see* FongChing Liaw
Liba, A. *see* Sarret, M. 9762
Liba, A. *see* Sarret, M. 33700
Liba, I. *see* Budagov, J. 46955
Libbrecht, F. *see* Sercu, J. 1603
Libbrecht, F. *see* Sercu, J. 18963
Libby, V., Love, G., Fei-Mei Chou Real-time inter visibility calculations for ground-based radar systems 6110
Libelo, L.F. *see* Hansen, R.C. 4259
Libelo, L.F. *see* Hansen, R.C. 21379
Libenson, M. *see* Karpman, J. 18295
Libenson, M.N. *see* Makin, V.S. 19605
Liber, M. *see* Baron, F. 14446
Libera, J. *see* Petrick, M. 25907
Libera, M., Kim, T., Siangchaew, K., Clevenger, L., Hong, Q. Time-resolved optical studies of amorphous CoSi thin-film crystallization 34667
Liberali, V., Dias, V.F., Ciapponi, M., Maloberti, F. TOSCA: a simulator for switched-capacitor noise-shaping A/D converters 18831
Liberati, D. *see* Capitanio, L. 39065
Liberatore, M. *see* Montangero, P. 43608
Liberatore, M. *see* Serra, L. 20843
Liberis, J. *see* Bareikis, V. 19338
Liberman, I. *see* Chantry, P.J. 23390
Liberman, L.S. *see* Buzylev, N.V. 14385
Liberman, V. *see* Green, D.L. 27544
Liberman, V. *see* Nooney, M. 27683
Liberman, V.S., Nestiorkin, O.P., Zeldovich, B.Ya. Higher harmonics of the photorefractive grating under recording through the phase-locked detection mechanism 21117
Libert, J.M. *see* Garcia, J.P. 5091
Libert, J.M. *see* Wayman, J.L. 5086
Libert, J.M. *see* Wayman, J.L. 5089
Libert, M. *see* Griffiths, H.D. 36364
Liberti, G. *see* Ghiara, T. 48301
Liberti, J.C., Rappaport, T.S. Reverse channel performance improvements in CDMA cellular communication systems employing adaptive antennas 45802
Libezny, M. *see* Poortmans, J. 11162
Libichova, D. Testing of heating wires and cables 8985
Libing Zhou *see* Zhou Libing
Libman, I.S. *see* Kvashonkin, I.A. 9975
Libo Yuan *see* Yuan Libo
Libold, H. *see* Desor, H.J. 939
Libotte, M. *see* Pompili, M. 35112
Librescu, L. *see* Song, O. 35187
Libsch, F.R. *see* Kuo, Y. 28177
Liburdy, K.A., Schalkoff, R.J. Model-based object classification using unification grammars and abstract representations 5053
Licari, J.J., Minning, C.P. Industry direction—military applications 32146
Licata, T.J., Sullivan, T.D., Bass, R.S., Ryan, J.G., Knorr, D.B. The effect of collimation on sputtered AlCuSi and AlMg microstructures and electromigration failure characteristics 34819
Liccardo, M., Maggetto, G. CITELEC: European association of cities interested in electric vehicles 48404
Lichacz, C., Kuzmicz, W., Niewczas, M. Application of the recognition technique to bottom-up VLSI design verification 2665
Lichauer, J.C. Asynchronous exposure control of a line scan camera 6585
Lichen Wang *see* Wang Lichen
Licheng Jiao *see* Jiao Licheng
Licht, S. *see* Peramunage, D. 33071
Lichtenberger, S. *see* Krutemeier, F. 16686
Lichtenstein, N. *see* Bergmann, R. 27552
Lichtenstein, N. *see* Griesinger, U.A. 27923
Lichtenwagner, P.K. *see* Fruhwirth, R. 24080
Lichter, A.S. *see* McShan, D.L. 7464
Lichterbeck, R. *see* Kohle, S. 17607
Lichti, G. *see* Schonfelder, V. 7146
Lichtman, E. Optimal amplifier spacing in ultralong lightwave systems 14627
Lichtman, E., Evangelides, S.G. Reduction of the nonlinear impairment in ultralong lightwave systems by tailoring the fibre dispersion 38034
Lichtmann, E. Performance degradation due to polarisation dependent gain and loss in lightwave systems with optical amplifiers 14596
Lichun Shu *see* Shu Lichun
Lichun Zhang *see* Zhang Lichun
Licina, G.J., Borenstein, S.W. Replacing, refurbishing nuclear service-water-system piping 39719
Licio de Geus, P. An image sequence coder based on vector quantization and progressive transmission 22188
Licitra, C. *see* Consoli, A. 1056
Lickiss, P.D. *see* Jones, P.A. 18299
Licsko, Z.J. *see* Koval, D.O. 9016
Licznerski, B.W. *see* Czarczynska, H. 1752
Lida, P. *see* Temcamani, F. 27303
Lidberg, R. *see* Alarie, J.P. 6681
Liddel, M. *see* Ching-Wei Yeh 41863
Liddle, J.A., Zimmerman, N.M., White, A.E., Short, K.T., Fetter, L. Sub-micron mesotaxial $CoSi_2$ wires 11001
Liddle, J.A. *see* Berger, S.D. 27903
Liddle, J.A. *see* Farrow, R.C. 27894
Liddle, J.A. *see* Miller, P.D. 27911
Lideikis, T. *see* Krotkus, A. 31226
Liden, P., Dahlgren, P., Torin, J. Transistor fault coverage for self-testing CMOS checkers 1119
Liden, S. Optimum cruise profiles in the presence of winds 39198
Liden, S. Optimum 4D guidance for long flights 39199
Lidgate, D. A green world—the role of the engineer 32715
Lidgate, D. *see* Whapshott, G.F. 17763
Lidgey, F.J. Theoretical electronics is practically useless? 40888
Lidin, R., Trzpit, C. Investment choices in production at Electricite de France 32547
Lidl, R., Muller, W.B. Primality testing with Lucas functions 18020
Lidow, D., Goldsworthy, R. Integrating product design objectives with company strategy 26137
Lidsky, L.M., Yan, X.L. Modular gas-cooled reactor gas turbine power plant designs 39839
Lidsky, L.M. *see* Williams, P.M. 47691
Lie, D.Y.C., Vantomme, A., Eisen, F., Nicolet, M.-A., Arbet-Engels, V., Wang, K.L. Generation of defects and strain by ion implantation in Ge(100) single crystals and in pseudomorphic Ge_xSi_{1-x} films grown on Si(100) 2080
Lie, D.Y.C. *see* Liu, W.S. 672
Lie, H.W. Windows into cyberspace 37419
Lie, H.W., Dybvik, P.E., Rygh, J. SCREAM: screen-based navigation in voice messages 30342
Lie, H.W., Dybvik, P.E., Rygh, J. SCREAM: screen-based navigation in voice messages 37423
Lie, H.W. *see* Solvoll, D. 37422
Lie, I. Using implicit ODE methods with iterative linear equation solvers in spectral methods 605
Lie, S. *see* Dableh, J.H. 8385
Lie, T.J. *see* Koga, R. 34072
Lie, W.-N. An efficient threshold-evaluation algorithm for image segmentation based on spatial graylevel co-occurrences 13543
Lie Ding *see* Ding Lie
Lie Tianqi *see* Zheng Yi 47405
Lie-Heng Wang *see* Wang Lie-Heng
Lie-pu Song *see* Song Lie-pu
Liebe, C.C. Tracking of planetary terrains 39256
Liebe, H.J., Hufford, G.A., Cotton, M.G. Propagation modeling of moist air and suspended water/ice particles at frequencies below 1000 GHz 44364
Liebeherr, J., Akyildiz, I.F., Tantawi, A.N. Dual bus MAN's with multiple-priority traffic 22515
Liebeherr, J. *see* Akyildiz, I.F. 37143
Liebenberg, R., Enslin, J.H.R., van der Merwe, F.S. High efficiency, long life actuator for PV water pumping applications 8454
Lieberman, D. *see* Nemec, J. 34054
Liebert, R.B. *see* Kase, M. 42848
Liebes, S. *see* Tella, R. 42300
Liebmann, J. *see* Grieser, M. 6900
Liebmann, J. *see* Kleffner, C.-M. 15524
Liebmann, J. *see* von Hahn, R. 15518
Liebrecht, J.J. Deadend body adapter reduces transmission line tap work 32453
Liedtke, P.E. *see* Heinrich, S.M. 26188
Liefer, R., France, M.E.B. Rocket building at the USAF Academy 124
Liefrink, F., Stok, R.W., Dijkhuis, J.I., de Jong, M.J.M., van Houten, H., Foxon, C.T. Reduced shot noise in a quasi-one-dimensional channel 19361
Liefrink, F., van Die, A., Stok, R.W., Dijkhuis, J.I., Staring, A.A.M., van Houten, H., Foxon, C.T. 1/f noise in a quasi-one-dimensional channel 19362
Liefting, J.R. Dislocation formation in Si implanted at elevated temperature 10832
Liefting, R., Wijburg, R.C.M., Custer, J.S., Wallinga, H., Saris, F.W. Improved device performance by multistep or carbon co-implants 34929
Liegeois, C. *see* Vincensini, F. 44147
Liemke, I. *see* Walther, B. 25078
Lien, J. *see* Tang, Y. 35004
Lien, S.-C.A. Application of computer simulation to improve the optical performance of liquid crystal displays 6703
Lien Chenhsin *see* Chenhsin Lien
Lien Chuang Shun *see* Shun Lien Chuang
Lien-Hsiung Lee *see* Pin-Chieh Hsu 40900
Lienard, M. *see* Mariage, P. 44360
Lienart, F., Wellens, F. Analytic and test methods for digital protection [of power systems] 16426
Lienig, J., Thulasiraman, K. A new genetic algorithm for the channel routing problem 43072
Liepa, E.L. *see* Ionaitis, R.R. 47675
Liepa, V., Santosa, F., Vogelius, M. Crack determination from boundary measurements—reconstruction using experimental data 18362
Liepins, G.E. *see* Rao, N.S.V. 44942
Liepins, M. *see* Ribickis, L. 17079
Lier, K., Gerhardts, R.R. Self-consistent calculation of ionized-donor distribution in a nanostructured heterojunction with corrugated gate 19513
Lierse, W. *see* Schubert, R. 15770

Liesch, P.W. A rationale for government-mandated countertrade: technology transfer 177
Lieshout, B.C.Van *see* Van Lieshout, B.C.
Lieto, A.Di *see* Di Lieto, A.
Lietzke, C. *see* Ziock, H.J. 7184
Lieuvin, M., Ropert, A., Farvacque, L. ESRF—the storage ring magnets 15526
Liew, A.C. *see* Srinivasan, D. 24739
Liew, A.C. *see* Srinivasan, D. 24808
Liew, A.C. *see* Srinivasan, D. 39561
Liew, A.C. *see* Srinivasan, D. 39591
Liew, A.C., Sr., Thum, P.C. Comparative studies of lightning performance of a quadruple-circuit dual voltage 275/132 kV transmission line design with wooden crossarms 32443
Liew, B.K. *see* Hu, C. 2210
Liew, C.J. *see* Er, M.H. 31076
Liew, J.C. *see* Avery, S.E. 18970
Liew, S., Adams, K.M. Completion of a prototype ATM cell-stream splitter for an experimental multi-media terminal 37238
Liew, S.C., Lee, T.T. A fundamental property for traffic management in ATM networks 5379
Liew, S.C., Lu, K.W. A framework for characterizing disaster-based network survivability 37170
Liew, S.C. *see* Hasegawa, B.H. 15761
Liew, S.K. *see* Abeles, J.H. 20863
Liew, S.K. *see* Carlson, N.W. 20825
Liew Ong Hiap *see* Hiap Liew Ong
Liew Soo Chin *see* Soo Chin Liew
Lifang Wang *see* Wang Lifang
Lifanov, A.P. *see* Ivanov, A.A. 28772
Lifen Zhang *see* Mingchang Wang 20921
Lifeng Li Determination of bound modes of multilayer planar waveguides by integration of an initial-value problem 44502
Lifeng Li *see* Roncone, R.L. 20346
Lifeng Liu, Lee, G.S., Marshak, A.H. Band discontinuities of Si/Ge heterostructures 27525
Lifeng Wang *see* Cheng, H.D. 30088
Liferenko, V.D. *see* Kuritsyn, S.A. 14611
Liferenko, V.D. *see* Lebedev, S.F. 14362
Liferenko, V.D. *see* Lukin, I.A. 14610
Lifermann, A. *see* Le Roy, I. 30899
Lifka, H. *see* Woerlee, P.H. 20007
Lifshits, V.G. *see* Zotov, A.V. 19623
Lifshitz, N., Pinto, M.R. Drain offset optimization of thin film transistors 28179
Lifshitz, N., Pinto, M.R., Rafferty, C.S., Fang, S.C. Self-aligned metalization technique for deep-submicron IC's 19645
Lifshitz, Y., Levinson, J., Noter, Y., Shamai, Y., Akkerman, A., Even, O., Zentner, A., Israeli, M., Gibrekhterman, A., Singer, L. A portable planar Sr-90 irradiation setup for total dose testing of electronic devices 33334
Lifshitz, Y. *see* Levinson, J. 11106
Ligang Yu *see* Bisong Cao 36430
Ligatsikas, Z., Rioboo, R., Roy, M.F. Generic computation of the real closure of an ordered field 33514
Ligeon, M. *see* Mihalcescu, I. 34772
Liger, P. *see* Liu, H. 31579
Liggett, K.K., Reising, J.M., Hartsock, D.C. The use of a background attitude indicator to recover from unusual attitudes 7544
Liggett, K.K. *see* Barry, T.P. 4585
Liggett, K.K. *see* Solz, T.J. 39279
Liggins, M. *see* Poore, A.B. 29640
Ligh, S. *see* Bourque, K. 18035
Light, D.N., McKiever, F.J., Tytran, C.L., Heck, H.L. High performance carrier technology: materials and fabrication 378
Light, E.D. *see* Smith, S.W. 16045
Light, E.D. *see* Smith, S.W. 24548
Lightbody, M.T.M. *see* Holden, P.B. 28691
Lightowlers, E.C., Higgs, V. Luminescence associated with the presence of dislocations in silicon and silicon-germanium alloys and heterostructures 11829
Lightstone, M., Mitra, S.K. Improved frequency-sampling two-dimensional FIR filter design 10334
Lightstone, M., Thurnhofer, S., Mitra, S.K. Nonlinear feature extraction for perceptually based low bit rate image coding 30067
Lightstone, M. *see* Thurnhofer, S. 30054
Ligler, F.S. *see* Anderson, G.P. 6615
Ligne, M.Le *see* Le Ligne, M.
Ligomenides, P.A. On-line perceptual recognition system 5061
Ligomenides, P.A. *see* Daw-Tung Lin 36633
Ligomenides, P.A. *see* Lurng-Kuo Liu 13770
Ligon, R.G. *see* Hoffman, H.M. 14243
Ligorio, M.B. *see* Caravita, S. 30303
Ligot, D. *see* De Palma, J.F. 32964
Ligtenberg, H.C.G. *see* Moritz, W. 6476
Ligthart, L.P. *see* de Wolf, D.A. 21241
Ligthart, L.P. *see* Tian, M. 29303
Ligthart, M. *see* Ganñot, G. 34035
Ligthart, W.C.M. *see* Rijken, H.A. 7185
Ligtvoet, A.C.P. *see* Saakes, M. 25653
Ligtvoet, A.C.P. *see* Saakes, M. 25654
Liguori, G. *see* Agnetta, G. 31780
Liguori, G. *see* Cataldi, G. 31666
Lih Shyh-Shiuh *see* Shyh-Shiuh Lih
Lih-Chyau Wuu, Shing-Tsaan Huang Identity assignment in uniform synchronous rings 45323
Lih-Gwo Jeng, Liang-Gee Chen Rate-optimal DSP synthesis by pipeline and minimum unfolding 41970
Lih-Zen Kang, Tien-Ko Wang True coincidence correction of a high purity Ge detecting system 23999
Lihe Zhang *see* Zhang Lihe
Lihong Jiao *see* Jiao Lihong
Lihua Li *see* Jialin Xie 43973
Lihua Xie, Yeng Chai Soh Robust Kalman filtering for uncertain systems 29716
Lihuang Lin *see* Lin Lihuang
Lii, K.-S. Nonlinear systems and higher-order statistics 486
Lii, T. *see* Brunner, T. 2276
Lii, T. *see* Mii, Y. 43122
Lii, T. *see* Rishton, S.A. 28164
Lii, Y. *see* Hanafi, H.I. 42957
Lijia Ge *see* Ge Lijia
Lijia Zhou, Franklin, S. ANN-TREE: a hybrid method for pattern recognition 22219
Lijin Zhu *see* Zhu Lijin
Lijun Jin *see* Yue Chen 5321
Lijun Li *see* Li Lijun
Lijun Tan *see* Tan Lijun
Likarn Wang *see* Ching-Tarng Shyu 23653
Likhachev, A.P. *see* Bityurin, V.A. 25772
Likhachev, A.P. *see* Bityurin, V.A. 25786
Likhachev, I.G. *see* Egorov, S.A. 6529
Likhanskii, V.V. *see* Kozlov, S.N. 43955
Likharev, K.K. *see* Averin, D.V. 19710
Likine, E., Akingbehin, K. Low productivity as a cause and result of the information technology infrastructure of developing countries 26122
Liksonov, V.I. *see* Gordeev, E.M. 32421
LiLaura, D.L. *see* Florence, N. 17603
Lile, D.L. *see* Chen, C.W. 20566
Lile, D.L. *see* Kim, J.W. 20370
Liles, I. *see* Bacchetta, M. 19662
Lilien, J.-L., Pallage, M. SAPHO: combining expertise and abstraction to help designing open-air substations 25609
Lilien, J.L., Pirotte, P., Smart, T., Wolfs, M., Escarmelle, M. A new way to solve galloping on bundled lines: a concept, a prototype by two years field experience 16392
Liliental-Weber, Z., Namavar, F., Claverie, A. Arsenic implantation into GaAs: a SOI technology for compound semiconductors? 27626
Liliental-Weber, Z. *see* Claverie, A. 749
Liliental-Weber, Z. *see* Claverie, A. 19517
Liliental-Weber, Z. *see* Jager, N.D. 34891
Liliental-Weber, Z. *see* Lin, X.W. 19423
Liliental-Weber, Z. *see* Lin, X.W. 27785
Liliental-Weber, Z. *see* Namavar, F. 34675
Liliental-Weber, Z. *see* Phatak, P. 1935
Liliental-Weber, Z. *see* Piotrowska, A. 34846
Liliental-Weber, Z. *see* Werner, P. 34511
Liliental-Weber, Z. *see* Yu, K.M. 742
Liliental-Weber, Z. *see* Zakharov, N.D. 768
Lilja, K. Modeling the limits of stable device behaviour 2409
Lilje, P. *see* Hippner, M. 40144
Liljegren, J.D. Modeling final assembly and test processes in the semiconductor industry 254
Liljemark, S. An introduction program for electric vehicles in Goteborg 48197
Liljemark, S. An introduction program for electric vehicles in Goteborg 48406
Lilleberg, J. *see* Wichman, R. 45303
Lillevik, O., Lundgaard, L.E. State control of instrument transformers 8480
Lillevik, O. *see* Faremo, H. 16363
Lilley, J.S., Drumm, P.V., Aitken, T.W., Cunningham, R.A., Newton, G.W.A., Barker, J., Day, J.P. Development of aluminium-26 as a tracer for biological research 7394
Lilley, M.A. The interfacing of AES/EBU serial digital audio signals with D-1, D-2, and D-3 format digital television type recorders 6259
Lillie, R.A. *see* Alsmiller, F.S. 31541
Lillo, W.E., Loh, M.H., Hui, S., Zak, S.H. On solving constrained optimization problems with neural networks: a penalty method approach 42115
Lilly, C.J., Jeffery, C.J. Submarine cable systems—recent developments 37692
Lilly, F. *see* Lacey, G. 40995
Lilly, G.R. *see* Narayanan, S. 39395
Lilov, S.K. Investigation of the role of crystal growth zone during silicon carbide growth by the sublimation method 26395
Lim, A., Yeow Meng Chee, Siu-Wing Cheng Single jog minimum area joining of compacted cells 941
Lim, A. *see* Li, W.-N. 9899
Lim, A.W.T., Eam Khwang Teoh, Mital, D.P. A hybrid method for range image segmentation 29991
Lim, A.W.T., Teoh, E.K., Mital, D.P. A new technique for segmentation of range images 5022
Lim, A.W.T., Teoh, E.K., Mital, D.P. On segmentation of range images 36955
Lim, B. *see* Jones, P.F. 22088
Lim, C.-S. *see* Park, J.-G. 2672
Lim, C.-S. *see* Park, J.-G. 2678
Lim, C.K. *see* Choi, H.-C. 33392
Lim, C.K. *see* Guo, Y. 33391
Lim, C.M., Lim, T.S., Hiyama, T. A neural network-based power system stabiliser 7834
Lim, C.P., Menq, C.H. CMM feature accessibility and path generation 38395
Lim, D. *see* Tasch, A.F. 42613
Lim, D.S. *see* Harrison, R.G. 44125
Lim, H.G., Pang, K.K., Dunstan, A., Ngan, K.N. Interworking video services with layered coding 30964
Lim, H.H. The provision of frame relay service on FASTPAC 37450
Lim, H.H. Interworking FASTPAC with B-ISDN 37592
Lim, H.S., Zelter, G.R., Smithrick, J.J., Hall, S.W. Destructive physical analysis results of Ni/H_2 cells cycled in LEO regime (II) 40441
Lim, I.-T., Lee, B.G. Lossless pole-zero modeling of speech signals 4475
Lim, J.N. *see* Bernstein, A. 31661
Lim, J.N. *see* Wang, M.-Z. 31689
Lim, J.S. A migration path to a better digital television system 38291
Lim, J.S. *see* Bejan, A. 33154
Lim, J.S. *see* Narula, A. 30977
Lim, K.B. *see* Seah, K.H.W. 26532
Lim, K.J. *see* Kwon, S.S. 42572
Lim, K.J. *see* Lee, J.H. 35101
Lim, K.W. *see* Chun, K.W. 4942
Lim, K.W. *see* Low, K.S. 32846
Lim, K.W. *see* Rahman, M.F. 8828
Lim, K.W. *see* Rahman, M.F. 17438
Lim, K.Y. *see* Kim, T.W. 42474
Lim, L.E.N. *see* Ong, N.S. 17776
Lim, M. *see* Hadimioglu, B. 16089
Lim, M.H., Gwee, B.H., Kawada, Y. Intelligent monitoring of a frequency-trimming process 17788
Lim, M.Y.H., Lew, K. Implementation of SDL and LOTOS specifications using ERLANG 13997
Lim, N. *see* Chua, S.J. 20878
Lim, O. *see* Lam, L.T. 40415
Lim, P.J.-W., Tzeng, A.Y.C., Chuang, H.L., St. Onge, S.A. A 3.3-V monolithic photodetector/CMOS-preamplifier for 531 Mb/s optical data link applications 30832
Lim, P.N., Maeder, A.J. A variable rate bitplane technique for lossy grey-scale image compression 13675
Lim, S.F. *see* Vail, E.C. 12094
Lim, S.H. *see* Pi, W.K. 43280
Lim, Sr.Kim-Fu *see* Kim-Fu Lim, Sr.
Lim, S.T. *see* Reid, P.J. 8088
Lim, T.B. *see* Tay, A.A.O. 33401
Lim, T.K. *see* Ong, J.T. 21257
Lim, T.S., Scordilis, M.S. New and improved pitch determination for the IMBE vocoder 14306
Lim, T.S. *see* Lim, C.M. 7834
Lim, Y.C. *see* Jung, Y.G. 8450
Lim, Y.C. *see* Lee, J.-H. 10312
Lim Beng-Hong *see* Beng-Hong Lim
Lim Chae Hoon *see* Chae Hoon Lim
Lim Dong Kun *see* Dong Kun Lim
Lim Eng Seng Mineral insulating oil manufacture and safekeeping [power transformer applications] 16935
Lim Kia Yong A study on a distributed back-propagation neural network 4535
Lim Kia Yong, Zhou Rujing, Ng Kien Aun A study on using various neural networks for noise-tolerant, speaker-independent spoken number recognition 13090
Lim Kok Kee *see* Kok Kee Lim
Lim Kok-Guan *see* Kok-Guan Lim
Lim Koon Seng *see* Koon Seng Lim
Lim Kyu Nam *see* Kyu Nam Lim
Lim Tuan-Kay *see* Tuan-Kay Lim
Lim Won Soo *see* Won Soo Lim
Lim Yong Ching *see* Yong Ching Lim
Lim Young Hwan *see* Young Hwan Lim
Lim Young-Bae *see* Young-Bae Lim
Lim Young-Hwan *see* Young-Hwan Lim
Lima, A.C.de *see* de Lima, A.C.
Lima, A.C.deC., Parker, E.A., Langley, R.J. Tunable frequency selective surface using liquid substrates 36428
Lima, A.C.deC. *see* Parker, E.A. 4316
Lima, A.M.Nogueira *see* Nogueira Lima, A.M.
Lima, C.U.daS. *see* Nogueira, M.F.M. 25248
Lima, E.P.de *see* de Lima, E.P.
Lima, J.L.F.C. *see* de Gracia, J. 6430
Lima, L.T.G. *see* Martins, N. 24709
Limagne, D., Jeudy, V., Heres, O., Girard, T.A., Waysand, G. Preliminary results in the construction of a 2D imaging device with metastable superconducting grains 24044
Limagne, D. *see* Girard, T.A. 24045
Limagne, D. *see* Heres, O. 24040
Limagne, D. *see* Jeudy, V. 20187
Limanov, A.B. *see* Givargizov, E.I. 793
Limanov, A.B. *see* Park, W.K. 9743
Limar, V.V. *see* Artiomov, A.S. 46725
Limar, V.V. *see* Dymnikov, A.D. 46731
Limaye, K.U. *see* Christopher, S. 29384
Limberg, T., Moshammer, H., Raubenheimer, T., Spencer, J., Siemann, R. Calculations of emittance and damping time effects in the SLC damping rings 7035
Limberg, T. *see* Decker, F.J. 15369
Limberg, T. *see* Krejcik, P. 15394
Limberg, T. *see* Minty, M. 15342

Limberger, H.G., Fonjallaz, P.Y., Lambelet, P., Salathe, R.P., Zimmer, C., Gilgen, H.H. Fiber grating characterization by OLCR measurements 28473
Limin Dai, Yiyu Zhao, Bin Zhou, Weipin Zhou, Li Zhou An improved MHD inverter 25840
Limin Hu Distributed code assignments for CDMA packet radio networks 45298
Limin Lou *see* Lou Limin
Limin Luo *see* Luo Limin
Limin Wang *see* Chunming Zhang 48163
Limin Zhou *see* Chanson, S.T. 30234
Liming Bao *see* Bao Liming
Liming Yin *see* Yin Liming
Liming Yu *see* Youxian Wen 24552
Limiti, E. *see* Bartolucci, G. 21354
Limiti, E. *see* Giannini, F. 1073
Limiti, E. *see* Giannini, F. 10458
Limongiello, A. *see* Arizio, R. 5389
Limpaecher, R., Kovacs, M., Pardue, A.L., Jr. LCT/LOWKATER—a medium power, compact CO_2 transmitter for multiple applications 32118
Lin, A.T., Chih-Chien Lin Peniotron forward wave self-oscillations 34482
Lin, A.T. *see* Chong, C.K. 27430
Lin, A.T. *see* Wang, Q.S. 27429
Lin, B. *see* Kakimoto, N. 16169
Lin, B. *see* Vanbekbergen, P. 26307
Lin, B. *see* Vanbekbergen, P. 41602
Lin, B.J. Off-axis illumination—working principles and comparison with alternating phase-shifting masks 2270
Lin, B.M. *see* Liu, C.T. 40593
Lin, B.S.M., Hwang, J. Two-dimensional quantum model on photoyield of the p^+-SiGe/p-Si heterojunction internal photoemission infrared detector 23640
Lin, C. *see* Eskildsen, L. 12066
Lin, C. *see* Goldstein, E.L. 45998
Lin, C.-C., Allard, B., Morel, H., Chante, J.-P. Technological parameter identification of PIN-diode using transient signal parameter fits 2437
Lin, C.-C., Law, M.E., Lowther, R.E. Automatic grid refinement and higher order flux discretization for diffusion modeling 10801
Lin, C.-H. *see* Lau, C.K. 11329
Lin, C.-H. *see* Yang, C.C. 3093
Lin, C.-J. *see* Chiou, C.-Y. 25084
Lin, C.-M. *see* Lin, M.-S. 12629
Lin, C.-S. A simulation system for cogeneration power plants 25202
Lin, C.-S. *see* Lin, K.-J. 26308
Lin, C.-T.D., Goldgof, D.B., Wen-Chen Huang Motion estimation from scaled orthographic projections without correspondences 29880
Lin, C.C., Reilly, J.P. Radar terrain clutter model with consideration of propagation effects 46132
Lin, C.C. *see* Huang, Z. 43657
Lin, C.C. *see* Huffaker, D.L. 44022
Lin, C.C. *see* Po-Rong Chang 31002
Lin, C.C. *see* Viverge, P.J. 26679
Lin, C.E. *see* Chin Lin Chen 7711
Lin, C.E. *see* Chin Lin Chen 7714
Lin, C.E. *see* Mingtian Fan 7936
Lin, C.F., Tang, C.L. Generation of ultrashort pulses from a superluminescent diode with a monolithically integrated absorber in a coupled-cavity configuration 11869
Lin, C.L. *see* Seabury, C.W. 27207
Lin, C.M. *see* Rajagopalan, S. 34789
Lin, C.P. *see* Swanson, E.A. 15814
Lin, C.T. *see* Juang, M.H. 2234
Lin, C.W., Breen, M., Tran, K., Tessier, T.G., Myszka, E., Fischer, P. Processability of ultra-thin, laminates for high performance interconnect applications 9274
Lin, C.W., Breen, M., Tran, K., Tessier, T.G., Myszka, E., Fischer, P. Processability of ultra-thin, laminates for high performance interconnect applications 33373
Lin, D. *see* Leung, K.W. 4274
Lin, D. *see* Leung, K.W. 29294
Lin, D. *see* Luk, K.M. 12759
Lin, D. *see* Luk, K.M. 21378
Lin, D.-G., Rost, T.A., Lee, H.S., Lin, D.-Y., Tsao, A.J., McKee, B. The effect of fluorine on MOSFET channel length 11195
Lin, D.-S. *see* Tsu, R. 18221
Lin, D.-S. *see* Tsu, R. 33660
Lin, D.-Y. *see* Lin, D.-G. 11195
Lin, D.B., Chu, T.H. Bistatic frequency-swept microwave imaging: Principle, methodology and experimental results 7649
Lin, D.K.J., Usher, J.S., Guess, F.M. Exact maximum likelihood estimation using masked system data 41023
Lin, D.L., Welsher, T.L. From lightning to charged-device model electrostatic discharges 29100
Lin, D.W., Ming-Hong Wang, Jiann-Jone Chen Optimal delayed-coding of video sequences subject to a buffer-size constraint 29943
Lin, E.K. *see* Hsieh, H. 16585
Lin, F., Lu, T., Kostrzewski, A., Chou, H. Holographic optical interconnect for signal processing and recognition applications 3899
Lin, F. *see* Sadovnik, L.S. 3191
Lin, F. *see* Sarcona, G. 11111
Lin, F. *see* Taiwei Lu 28567
Lin, F. *see* Waechter, D. 10657
Lin, F. *see* Waechter, D. 28184
Lin, F. *see* Zhu, D.-M. 6840
Lin, F.J., Liaw, C.M. Control of indirect field-oriented induction motor drives considering the effects of dead-time and parameter variations 17420
Lin, F.J., Liaw, C.M. Reference model selection and adaptive control for induction motor drives 17498
Lin, F.J. *see* Liaw, C.M. 25422
Lin, F.J. *see* Liaw, C.M. 33102
Lin, F.Y.S. Link set sizing for networks supporting SMDS 45280
Lin, F.Y.S., Lu, J.C. Estimating packet (L3 PDU) loss probabilities from cell (L2 PDU) loss probabilities for networks supporting the SMDS service 45285
Lin, G.H., Yang Zhao, Bertram, H.N. Overwrite in thin film disk recording systems 43316
Lin, G.K. *see* Palmer, D.W. 23809
Lin, G.L. *see* Chang, M.C. 19855
Lin, G.T. *see* Xiong, G.C. 35257
Lin, H., Abraham, N.B. Low-frequency pulsations in a He-Xe laser with several transverse modes: experimental and numerical studies 43718
Lin, H., Palffy-Muhoray, P. Nonlinear liquid crystal waveguides 3808
Lin, H., Palffy-Muhoray, P. Propagation of TM modes in a nonlinear liquid-crystal waveguide 44134
Lin, H., Radloff, J.L., Dai, J. Nonstationary, band-like spatial patterns of phase conjugate emission generated by a self-pumped $BaTiO_3$ phase conjugator 35972
Lin, H. *see* Smith, E.B. 35200
Lin, H. *see* Xue, S.Q. 35279
Lin, H. *see* Yuan, H.J. 20411
Lin, H.-B., Wang, Y.-H., Wang, W.-S. Singlemode 1×3 integrated optical branching circuit design using microprism 43454
Lin, H.-D. Area-efficient Viterbi decoders for complex rate-k/n convolutional and trellis codes 44696
Lin, H.-H. *see* Yang, C.C. 3093
Lin, H.-J. *see* Chao, C.-Y. 17807
Lin, H.-Y. *see* Harn, L. 21545
Lin, H.D. *see* Chang, J.F. 37917
Lin, H.H. *see* Hsu, K.T. 42886
Lin, H.P. *see* Murphy, T.C. 17249
Lin, H.T. *see* Dai, H. 28745
Lin, H.T. *see* Rich, D.H. 34559
Lin, H.T. *see* Yao, Y.H. 12116
Lin, I. *see* Tsay, R.-S. 18841
Lin, J., Chen, W., Sultan, A., Banerjee, S., Lee, J. Enhanced boron diffusion in silicon with BF_2-implanted $CoSi_2$ as diffusion source and under rapid thermal annealing 2067
Lin, J., Itoh, T. A 4×4 spatial power-combining array with strongly coupled oscillators in multilayer structure 4320
Lin, J., Itoh, T. Analysis of device failures in a power-combining array 29380
Lin, J., Obermeier, E. Capacitive thin film gas sensor with signal processing system for determination of SO_2 6629
Lin, J., Storer, J.A. Design and performance of tree-structured vector quantizers 4395
Lin, J. *see* Chen, W. 2068
Lin, J. *see* Chen, W. 2245
Lin, J. *see* Chen, W.-M. 19856
Lin, J. *see* Guotong Du 12247
Lin, J. *see* Petriu, D.C. 37542
Lin, J. *see* Toland, B. 21375
Lin, J.-C., Lee, T.-H., Su, Y.-T. Power control algorithm for cellular radio systems 37729
Lin, J.-F., Wu, M.-C., Jou, M.-J., Chang, C.-M., Hwang, R.Y., Luh, S.-W., Lee, B.-J., Chen, T.-P. High temperature and low threshold current operation of strained AlGaInP/$Ga_{0.4}In_{0.6}P$ multi-quantum well laser diodes emitting at 676 nm 43951
Lin, J.-N., Unbehauen, R. Canonical representation: from piecewise-linear function to piecewise-smooth functions 17982
Lin, J.-N., Unbehauen, R. 2-D adaptive nonlinear equalizers 18888
Lin, J.-S. *see* Jane, C.-C. 17961
Lin, J.-T. *see* Jones, O.C. 31509
Lin, J.-Y., Milkovic, M. Performance limitations of stochastic sensors 14924
Lin, J.-Y. *see* Gurvitch, M. 35270
Lin, J.D., Su, Y.K., Chang, S.J., Yokoyama, M., Juang, F.Y. Passivation with SiO_2 on HgCdTe by direct photochemical-vapor deposition 27699
Lin, J.H. *see* Hsieh, W.Y. 27576
Lin, J.K. *see* Hsieh, H. 16585
Lin, J.K. *see* Huang, H.S. 28264
Lin, J.N., Nie, X., Unbehauen, R. Two-dimensional LMS adaptive filter incorporating a local-mean estimator for image processing 13634
Lin, J.S., Wang, S.Y., Lee, W.Y. Capacitance analysis of periodic pixel of LCD using discrete Fourier transform 38628
Lin, J.T. *see* Nichols, K.G. 41562
Lin, J.T. *see* Shao, K. 33997
Lin, J.T. *see* Wang, J.F. 44071
Lin, J.Y., Zhang, X., Daryoush, A.S. Injection locked phase lock loop clock recovery circuit at 1.25 Gb/s 26748
Lin, J.Y. *see* Chen, P.C. 10932
Lin, J.Y. *see* Dissanayake, A.S. 11820
Lin, J.Y. *see* Staikov, P. 34553
Lin, K.-C., Ng, H. Coordinate transformations in Distributed Interactive Simulation (DIS) 22556
Lin, K.-C. *see* Chang, E.Y. 42563
Lin, K.-J., Lin, C.-S. On the verification of state-coding in STGs 26308
Lin, K.-Y., Krishna, H. A parallel Viterbi algorithm for decoding convolutional codes on SIMD machines 12923
Lin, K.-Y., Krishna, H. Optimization of the distributed detection system with data fusion 14892
Lin, K.-Y. *see* Sun, J.-D. 44896
Lin, K.C., Hsin, T.M., Chang, C.Y., Chang, E.Y. A pseudomorphic GaInP/InP MESFET with improved device performance 35023
Lin, K.C. *see* Feng, M.S. 715
Lin, K.C. *see* Wang, S.R. 41915
Lin, K.D. *see* Rubin, I. 45294
Lin, K.K. *see* Chang, C.Y. 2184
Lin, K.T. *see* Allnut, R.M. 37933
Lin, L. *see* Huang Chung Cheng 2117
Lin, L.-C., Kuo, C.-C.J. Signal extrapolation in noisy data with wavelet representation 36726
Lin, L.H. *see* Xu, Z.Z. 35688
Lin, L.Y., Lee, S.S., Pister, K.S.J., Wu, M.C. Three-dimensional micro-Fresnel optical elements fabricated by micromachining technique 43488
Lin, L.Z. *see* Yan, L.G. 25331
Lin, M.-H. *see* Mei, G.-G.M. 30281
Lin, M.-R., Fang, P., Heiler, F., Lee, R., Rakkhit, R., Shen, L. Characterization and optimization of metal etch processes to minimize charging damage to submicron transistor gate oxide 42694
Lin, M.-S., Lin, C.-M., Wu, R.-B., Chen, C.H. Transient propagation in anisotropic laminated composites 12629
Lin, M.-S. *see* Yang, J.-J. 20017
Lin, M.C. *see* Bu, Y. 9719
Lin, M.E., Fan, Z.F., Ma, Z., Allen, L.H., Morkoc, H. Reactive ion etching of GaN using BCl_3 34693
Lin, M.E., Ma, Z., Huang, F.Y., Fan, Z.F., Allen, L.H., Morkoc, H. Low resistance ohmic contacts on wide band-gap GaN 34811
Lin, M.E., Sverdlov, B.N., Morkoc, H. Growth and characterization of GaN on *c*-plane (0001) sapphire substrates by plasma-enhanced molecular beam epitaxy 9623
Lin, M.E., Sverdlov, B.N., Strite, S., Morkov, H., Drakin, A.E. Refractive indices of wurtzite and zincblende GaN 2925
Lin, M.E., Xue, G., Zhou, G.L., Greene, J.E., Morkoc, H. *p*-type zinc-blende GaN on GaAs substrates 767
Lin, M.H., Kou, S. Dopant segregation control in Czochralski crystal growth with a wetted float 650
Lin, M.S. *see* Hsieh, J.C. 11198
Lin, M.S. *see* Hsu, S.L. 19651
Lin, M.S. *see* Hua Chang 18279
Lin, M.S. *see* Wang, L.S. 2134
Lin, P. The encapsulated security services interface (ESSI) 21624
Lin, P., Mao, S. An adaptive parametric time delay estimation of pulse signal via higher order statistics 4720
Lin, P. *see* Joiner, B. 380
Lin, P. *see* Sun, Y. 23108
Lin, P.-P., Guo, S.-L., Song, R.-J. Automatic phase adjustment for broadcasting transmitters working in parallel 14766
Lin, P.P. *see* Ming Chang 46621
Lin, P.S.D. *see* Jiye Ximen 1820
Lin, P.Y. *see* Ma, C.L. 2436
Lin, Q. Halftone image quality analysis based on a human vision model 29762
Lin, Q., Aghvami, H., Robertson, I. A design method for lumped broadband MMIC matching networks with semiuniform frequency-dependent losses 1642
Lin, Q., Goldsman, N., Gwo-Chung Tai Highly stable and routinely convergent 2-dimensional hydrodynamic device simulation 28060
Lin, R.-B. *see* Sutanthavibul, S. 18576
Lin, R.J., Chen, T.L., Chen, Y.C., Chen, L.J. Magnetic shielding properties of Y-Ba-Cu-O films on Ni and Ag foils 36251
Lin, R.J. *see* Chen, Y.C. 35281
Lin, S., Hung, H.-S. Coherent signal-subspace processing for near-field broad-band source localization 36722
Lin, S. *see* Kasami, T. 21596
Lin, S. *see* Takata, T. 21611
Lin, S. *see* Wu, J. 12914
Lin, S. *see* Zakhor, A. 13625
Lin, S. *see* Zhang, S. 11720
Lin, S.-H. *see* Chang, J.-F. 30683
Lin, S.H., Chuang, T.S. Corrosion of PC boards in contaminated industrial environments 42308
Lin, S.H. *see* Kiang, J.-F. 4108
Lin, S.J. *see* Cheng, Y.T. 19410
Lin, S.J. *see* Huang, J.T. 19574
Lin, S.J. *see* Lee, S.L. 19329
Lin, S.T. *see* Gualtieri, J.G. 20048

Lin, T., Chua, L.O. A new class of pseudo-random number generator based on chaos in digital filters 1336
Lin, T. *see* Song, F. 36879
Lin, T.-C. *see* Kao, M.-S. 37996
Lin, T.-C. *see* Tran, A. 45296
Lin, T.-H. *see* Hou, S.-S. 15248
Lin, T.-H. *see* Wang, G. 13632
Lin, T.-T., Liou, H.-Y. A new framework for designing: built-in test multichip modules with pipelined test strategy 34011
Lin, T.-T.Y., Comito, J., Kaseff, C. Evaluation of test strategies for multichip modules 17906
Lin, T.-T.Y. *see* Yeh, C.-W. 26610
Lin, T.L., Park, J.S., Gunapala, S.D., Jones, E.W., del Castillo, H.M. Long-wavelength infrared doping-spike PtSi detector [for FPA] 31215
Lin, T.L., Park, J.S., Gunapala, S.D., Jones, E.W., Del Castillo, H.M. Photoresponse model for $Si_{1-x}Ge_x/Si$ heterojunction internal photoemission infrared detector 46458
Lin, T.L. *see* Gunapala, S.D. 42878
Lin, T.L. *see* Park, J.S. 19736
Lin, T.L. *see* Park, J.S. 31214
Lin, T.S. *see* Huang, J.T. 19574
Lin, V. *see* Min, J. 14487
Lin, W. A critical study of a dielectric sphere near a grounded plane 29101
Lin, W., Fraser, D.A. Image identification using two descriptions alternately 13794
Lin, W. *see* Cheng, D. 36098
Lin, W. *see* Chyi, J.-I. 38509
Lin, W. *see* Singh, B. 2296
Lin, W.-S., Wang, C.-H. Sliding observer for induction machines 25431
Lin, W.A., Delos, J.B., Jensen, R.V. Order and chaos in semiconductor microstructures 42491
Lin, W.G. *see* Wang, Z.L. 36169
Lin, W.M. *see* Tsay, M.T. 16306
Lin, W.P. *see* Wang, J.F. 44071
Lin, W.W. A simple method for extracting average doping concentration in the polysilicon and silicon surface layer near the oxide in polysilicon-gate MOS structures 42974
Lin, W.X. *see* Shen, H.Y. 12055
Lin, X., Hanzo, L., Steele, R., Webb, W.T. Subband-multipulse digital audio broadcasting for mobile receivers 45792
Lin, X.G. *see* Teo, K.L. 45003
Lin, X.T. *see* Ravindran, K. 30206
Lin, X.W., Liliental-Weber, Z., Swider, W., McCants, T., Newman, N., Spicer, W.E., Washburn, J., Weber, E.R. Electrical and structural properties of Ti contacts on an automatically clean n-type GaAs surface 19423
Lin, X.W., Piotrowska, A., Kaminska, E., Liliental-Weber, Z., Washburn, J. Metallurgical and electrical properties of capped Au-based metallization on GaAs 27785
Lin, X.W. *see* Piotrowska, A. 34846
Lin, Y., Kessler, T.J., Armstrong, J.J., Lawrence, G.N. Laser system power balance effects from stimulated rotational Raman scattering in air 35944
Lin, Y. *see* Dong, H. 12227
Lin, Y. *see* Kessler, T.J. 35949
Lin, Y. *see* van Rheenen, A.D. 19898
Lin, Y. *see* Ye, C. 11447
Lin, Y. *see* Zheng, X. 12308
Lin, Y.-B. Parallel trace-driven simulation of packet-switched multiplexer under priority scheduling policy 5142
Lin, Y.-B. *see* Carothers, C.D. 37887
Lin, Y.-c. *see* Hsiao, J.M. 5918
Lin, Y.-D.J., Tzu-Chieh Tsai, San-Chiao Huang, Gerla, M. HAP: a new model for packet arrivals 30507
Lin, Y.-L. *see* Hwang, C.-T. 18426
Lin, Y.-T., Subrahmanyan, R., Sitaram, A.R., Orlowski, M. Combined simulation and measurement study of temperature uniformity in rapid thermal processing 2000
Lin, Y.C., Chang, T., Kuo, C.-C.J. Texture segmentation using wavelet packets 22119
Lin, Y.C. *see* Thompson, D.J. 7145
Lin, Y.C. *see* Volakis, J.L. 44331
Lin, Y.M. *see* Ho, W.-J. 28614
Lin, Y.Y. *see* Hsin Chia Fu 22480
Lin, Z. *see* Gaughan, K. 27627
Lin, Z. *see* Yan, Z. 11401
Lin Bentong *see* Zhang Zhigao 40276
Lin Bizhou *see* Wu Jihuai 12044
Lin Bizhou *see* Wu Jihuai 12087
Lin Bor-Ren *see* Bor-Ren Lin
Lin Bunpin *see* Bunpin Lin
Lin Chen Chin *see* Chin Lin Chen
Lin Chen Sheng *see* Chen Sheng Lin
Lin Chen-Chy *see* Chen-Chy Lin
Lin Cheng-Hui *see* Cheng-Hui Lin
Lin Cheng-Lu *see* Cheng-Lu Lin
Lin Chenglu *see* Li Jinhua 27590
Lin Chenglu *see* Shi Zuoyu 42593
Lin Chenglu *see* Chenglu Lin
Lin Chern-sheng *see* Chern-sheng Lin
Lin Chhiu-Tsu *see* Chhiu-Tsu Lin
Lin Chi-Hsien *see* Chi-Hsien Lin
Lin Chia-Hsing *see* Chia-Hsing Lin
Lin Chia-Jen *see* Chia-Jen Lin
Lin Chih-Chien *see* Chih-Chien Lin
Lin Chih-Yung *see* Chih-Yung Lin
Lin Ching-An *see* Ching-An Lin
Lin Chiung Wei *see* Chiung Wei Lin
Lin Chuan *see* Chuan Lin
Lin Chun-Hung *see* Chun-Hung Lin
Lin Chun-Wei *see* Chun-Wei Lin
Lin Daw-Tung *see* Daw-Tung Lin
Lin De Fang *see* Miraoui, A. 8446
Lin Ding *see* Ding Lin
Lin Dongdai *see* Dongdai Lin
Lin En-Bing *see* En-Bing Lin
Lin Faa-Jeng *see* Faa-Jeng Lin
Lin Fen Chi *see* Fen Chi Lin
Lin Feng-Cang *see* Feng-Cang Lin
Lin Fucheng *see* Geng Jihong 20610
Lin Fucheng *see* Luo Ting 28992
Lin Fucheng *see* Qiu Peixia 3760
Lin Fucheng *see* Fucheng Lin
Lin Fulai *see* Fulai Lin
Lin Fuyau *see* Fuyau Lin
Lin Geng *see* Geng Lin
Lin Haian, Wu Chongruo, Shi Yixing Minority carrier tunnel diodes using Langmuir-Blodgett insulating films 2415
Lin Haian, Wu Chongruo, Shi Yixing Detection of interface traps in MIS structures with LBPI films 10762
Lin Han, Qiu Guoyi Failure-mode-recognition and loss-degree-prediction with microcomputer-based loss-of-excitation protection 8301
Lin Hao-Hsiung *see* Hao-Hsiung Lin
Lin He-Yun Solution of TEAM Workshop problem 9 [remote field eddy current testing] 925
Lin Heyun, Zhou E The A, V-ψ method for 3D eddy current FEM analysis 3999
Lin Hong-Ming *see* Hong-Ming Lin
Lin Hongrong A new InGaAs/InP multiquantum well heterodoping superlattice waveguide modulator 11659
Lin Hongyi *see* He Yuliang 10654
Lin Horng-Chih *see* Horng-Chih Lin
Lin Hsiao-Yi *see* Hsiao-Yi Lin
Lin Hung-Tser *see* Hung-Tser Lin
Lin Hung-Yu *see* Hung-Yu Lin
Lin I Nan *see* I Nan Lin
Lin I-Nan *see* I-Nan Lin
Lin Ichiang *see* Ichiang Lin
Lin Jandel *see* Jandel Lin
Lin Jen-Ching *see* Jen-Ching Lin
Lin Jenshan *see* Jenshan Lin
Lin Jia-Wen *see* Jia-Wen Lin
Lin Jianming *see* Wu Jihuai 12087
Lin Jianzhong, He Guanyu Suboptimal recursive filter for nonlinear discrete-time systems with Gaussian noise 36650
Lin Jimming *see* Jimming Lin
Lin Jingdong *see* Jingdong Lin
Lin Jinming *see* Wu Jianhua 8346
Lin Jinming *see* Wu Jianhua 40148
Lin Jinming *see* Yin Huajie 40145
Lin Jinq-Min *see* Jinq-Min Lin
Lin Jyh-Feng *see* Jyh-Feng Lin
Lin Jyh-Kuang *see* Jyh-Kuang Lin
Lin Kan *see* Kan Lin
Lin Kangchun, Tian Li, Zhang Honglin, Zhou Fuzheng A calorimeter for measurement of frequency-doubled laser light 12307
Lin Kuen-Chyuan *see* Kuen-Chyuan Lin
Lin Kuixun *see* Kuixun Lin
Lin Kun-Chuan *see* Kun-Chuan Lin
Lin Lei *see* Lei Lin
Lin Li, Chung, D.D.L. Tin-lead flake poly(ether sulfone) composite formed by in-situ melt processing of tin-lead particles 33759
Lin Li *see* Li Lin
Lin Li-huang *see* Li-huang Lin
Lin Lihuang *see* Ouyang Bin 3557
Lin Lin Real-time acquisition of small target features in IR image 29850
Lin Lin *see* Lin Lin
Lin Ling *see* Ling Lin
Lin Linlin *see* Linlin Lin
Lin Liu *see* Liu Lin
Lin Mao-Chao *see* Mao-Chao Lin
Lin Meirong *see* Zhang Baozheng 20704
Lin Meng, Shenggang Liu Kinetic analysis of EM-FEL sideband instability without an axial guided field 43994
Lin Min-Ywan *see* Min-Ywan Lin
Lin Ming-Bo *see* Ming-Bo Lin
Lin Ming-Hsien *see* Ming-Hsien Lin
Lin Ming-Shing *see* Ming-Shing Lin
Lin Peng, Yuan Xiang-Hui, Lu Guo-Lin Coarse grating large displacement measuring system with microprocessor 31414
Lin Pinxing *see* Pinxing Lin
Lin Po-Chou *see* Po-Chou Lin
Lin Pole-Shang *see* Pole-Shang Lin
Lin Qi-Qing *see* Ye Miao-Yuan 31250
Lin Qian *see* Qian Lin
Lin Qiang *see* Qiang Lin
Lin Qin *see* Qin Lin
Lin Qiuming *see* Qiuming Lin
Lin Qun, Shi Jun Iterative corrections and a posteriori error estimate for integral equations 9482
Lin Red-Tom *see* Red-Tom Lin
Lin Senmao *see* Senmao Lin
Lin Shan-Yu *see* Shan-Yu Lin
Lin Shaobo *see* Shaobo Lin
Lin Shen, Cockburn, B.F. An optimal march test for locating faults in DRAMs 10161
Lin Shen *see* Shen Lin
Lin Sheng, Liu Zengji Studies on concepts of system interworking and network interconnection 45517
Lin Shiang-Whea *see* Shiang-Whea Lin
Lin Shiming *see* Li Ning 44615
Lin Shiming *see* Wang Qiming 43819
Lin Shiow-Hwa *see* Shiow-Hwa Lin
Lin Shiuan Huei *see* Shiuan Huei Lin
Lin Shiuan-Huei *see* Shiuan-Huei Lin
Lin Shiying, Ye Chicai Study of optical computing real-time processing method for ultrasonic pulse-echo signal 13483
Lin Shu *see* Shu Lin
Lin Shuyu, Zhang Fucheng Vibrational modes and frequency spectra in piezoelectric ceramic rectangular resonators 11393
Lin Shuyu, Zhang Fucheng Study of vibrational characteristics for piezoelectric sandwich ultrasonic transducers 24537
Lin Shyh-Jong *see* Shyh-Jong Lin
Lin Shyue-Shyh *see* Shyue-Shyh Lin
Lin Song *see* Kai-Ying Wang 2797
Lin Ting-Huei *see* Ting-Huei Lin
Lin Wei *see* Wei Lin
Lin Wei-Chung *see* Wei-Chung Lin
Lin Wei-Gan *see* Wei-Gan Lin
Lin Wei-Song *see* Wei-Song Lin
Lin Weigan *see* Wang Shaoqing 10436
Lin Weigan *see* Weigan Lin
Lin Weixun *see* Weixun Lin
Lin Wenhua, Zhuang Wanru, Wang Dehuang Modeling analysis of total-internal-reflection semiconductor optical switch 21046
Lin Wenhua *see* Zhuang Wanru 28668
Lin Wenxong *see* Wu Ruifen 12317
Lin Win-Li *see* Win-Li Lin
Lin Wu *see* Wu Lin
Lin Wu Shye *see* Shye Lin Wu
Lin Xianshu, Gao Jinling, Yu Guoqin A comparative study of large hydraulic generators with air-cooling and water-cooling 8274
Lin Xinggang *see* Xinggang Lin
Lin Xinming *see* Zheng Haidong 2488
Lin Xuanying *see* Xuanying Lin
Lin Yan Shao *see* Yan Shao Lin
Lin Yaowang MBE growth of high quality $Al_xGa_{1-x}As/GaAs(x \leq 0.6)$ superlattice structure for SAM-APD device 20536
Lin Yayun *see* Yayun Lin
Lin Yikun *see* Zheng Xingshi 15228
Lin Yin, Astola, J., Neuvo, Y. Adaptive multistage weighted order statistic filters based on the backpropagation algorithm 45001
Lin Yin *see* Kai-Ying Wang 2797
Lin Yin *see* Xudong Song 13818
Lin Ying-Dar *see* Ying-Dar Lin
Lin Ying-Dar Jason *see* Ying-Dar Jason Lin
Lin Youn-Long *see* Youn-Long Lin
Lin Youyi *see* Youyi Lin
Lin Zhiyue *see* Zhiyue Lin
Lin Zixin *see* Li Jinhua 27590
Lin Zunqi *see* Shen Xiaohua 20669
Lin-Gwo Liou *see* Soo-Chang Pei 45091
Lin-Her Jeng *see* Chuan-Shen Liu 25265
Lin-Kui Xiang *see* Xiang Lin-Kui
Lin-Kun Wu *see* Shyh-Jong Chung 18961
Lin-Lin Tian *see* Tian Lin-Lin
Lin-Sen Wang *see* Guang-Da Chen 1251
Lin-Shan Lee *see* Guey-Shya Chen 21808
Lin-Sheng Zhu *see* Zhu Lin-Sheng
Lin-Shu Kong *see* Bao-Gen Shen 2792
Lin-Yu Tseng, Tze-Han Huang An expert system for network management control 22439
Linares, C. *see* Jacquier, B. 28784
Linares, J., Montero, C., Prieto, X., De La Fuente, R. Simultaneous characterization of surface and buried waveguides produced by ion-exchange in glass 29236
Linari, R. *see* Fabeni, P. 6307
Lincke, E. *see* Bamber, C. 6885
Lincoln, G.A. *see* Donnelly, J.P. 28870
Lincot, D., Ortega-Borges, R., Froment, M. Epitaxial growth of cadmium sulfide layers on indium phosphide from aqueous ammonia solutions 26406
Lincot, D. *see* Ortega-Borges, R. 18233
Lind, B.K. *see* Shi Liu 31976
Lind, J.C. *see* Soong, A.C.K. 31913
Lind, P.C., Poehlman, W.F.S., Start, J.W. The KN-3000 particle accelerator control expert system (PACES) 38770
Lind, T.A. *see* Aull, B.f. 3386
Lind, Y. Intelligent switching hubs: The answer to the LAN bandwidth shortage? 14352
Lind van Wijngaarden, A.de *see* de Lind van Wijngaarden, A.
Lind-Hansen, A. *see* Lindhardt, S. 47700
Lindahl, O.A., Rudell, B., Backlund, T. An electromechanical breathing device for minimal particle loss while inhaling aerosols 7326
Lindahl, S., Messing, L., Olsson, B., Pettersson, A., Ostlund, S. Sensitive earth fault protection for MV distribution systems 25026
Lindberg, C., Weiske, J. Precipitator microprocessor control test and evaluation 32678
Lindberg, E. Modelling and simulation of Chua's circuit 1001

Lindberg, M. *see* Gramsch, E. 23998
Lindberg, P. *see* James, W.M. 5085
Lindberg, T. Detecting salient blob-like image structures and their scales with a scale-space primal sketch: a method for focus-of-attention 5017
Lindberg, U. *see* Hedlund, C. 20050
Lindblad, T. *see* Denby, B. 7272
Lindblad, T. *see* Hornblad, P. 7233
Lindblad, T. *see* Larsson, R. 17295
Lindblad, T. *see* Minerskjold, M. 7237
Lindblom, M. *see* Johansson, S. 6053
Linde, L.P. *see* Opperman, A.P.R. 12814
Linde, L.P. *see* Rohrs, U.H. 12943
Linde, L.P. *see* Tonsing, J.H. 12812
Lindeberg, C.T., Block, W.R. Project planning for EMS and SCADA systems 7821
Lindeberg, I. *see* Hult, M. 27578
Lindeberg, T. Discrete derivative approximations with scale-space properties: a basis for low-level feature extraction 13498
Lindeberg, T. Effective scale: a natural unit for measuring scale-space lifetime 21945
Lindefelt, U. Heat generation in semiconductor devices 28067
Lindefelt, U. Current-density relations for nonisothermal modelling of degenerate heterostructure devices 28068
Lindegaard, T. *see* Mogensen, M. 17359
Lindegaard-Andersen, A. Linear mottling on X-ray radiographs of automatic TIG welded aluminium alloy studied by X-ray topography 18330
Lindell, F., Skold, J., Willars, P., Nilsson, E. Radio access technology evolution 5773
Lindell, F., Skold, J., Willars, P., Nilsson, E. Radio access technology evolution 45863
Lindell, I.V., Lehtola, E.A., Nikoskinen, K.I. Magnetostatic image theory for an arbitrary current loop in front of a permeable sphere 3984
Lindell, I.V., Sten, J.C.-E., Kleinman, R.E. Low-frequency image theory for the dielectric sphere 44225
Lindell, I.V., Tretyakov, S.A., Oksanen, M.I. Vector transmission-line theory for problems involving layered bi-siotropic media 4082
Lindell, I.V., Valtonen, M.E., Sihvola, A.H. Theory of nonreciprocal and nonsymmetric uniform transmission lines 44492
Lindell, I.V. *see* He, S. 36156
Lindell, I.V. *see* Nikoskinen, K.I. 29121
Lindell, I.V. *see* Sten, J.C.-E. 21172
Lindell, I.V. *see* Viitanen, A.J. 4063
Lindell, I.V. *see* Viitanen, A.J. 29127
Lindell, I.V. *see* Weiglhofer, W.S. 36099
Lindell, I.V. *see* Weiglhofer, W.S. 44286
Lindell, L.C. Software predicts harmonic problems and simulates alternative solutions 7723
Lindelof, P.E. *see* Baklanov, K. 24007
Lindelof, P.E. *see* Pedersen, J.E. 23623
Lindemann, C. Performance modeling using DSPNexpress 5583
Lindemark, B. Technical evolution of −48 V DC reserve systems in the telecom industry 17048
Linden, A.van der *see* van der Linden, A.
Linden, D. Battery options for portable applications 32990
Linden, M.B.Von Der *see* Von Der Linden, M.B.
Linden, O.L.van *see* van Linden, O.L.
Linden, S.van der *see* van der Linden, S.
Lindenbaum, M., Fischer, M., Bruckstein, A. On Gabor's contribution to image enhancement 45090
Lindenmeier, H.K., Reiter, L.M., Hopf, J.F. Antenna scanning diversity system for mobile TV and audio reception 12738
Lindenmeier, H.K., Reiter, L.M., Hopf, J.F. Multiantenna scanning diversity system for mobile TV reception with independently optimized picture and sound quality 21388
Lindenmuth, R. *see* McGowan, R. 2748
Lindenmuth, R. *see* McGowan, R. 2776
Lindenstruth, S. *see* Govaert, K. 31556
Linder, C. *see* Brugger, J. 27622
Linder, C. *see* Jaecklin, V.P. 17135
Linder, C. *see* van der Wiel, A.J. 7322
Linder, N. *see* Knupfer, B. 43528
Linder, T., Lugosi, G., Zeger, K. Universality and rates of convergence in lossy source coding 4387
Linder, T., Schlegal, C., Zeger, K. Corrected proof of de Buda's theorem [lattice channel codes] 36517
Linder, T. *see* Farago, A. 4794
Linderbaum, M., Bruckstein, A. On recursive, $O(N)$ partitioning of a digitized curve into digital straight segments 4792
Lindermeir, E. *see* Schrufer, E. 46665
Linders, J. *see* Thiringer, T. 25284
Linders, R.W.M. *see* van der Poel, C.J. 3589
Lindgren, L. *see* Annila, P.A. 47090
Lindgren, L. *see* Yli-Hankala, A. 31916
Lindgren, L.E. *see* Olofsson, K. 26533
Lindgren, M.A. The CDF plug calorimeter upgrade 31544
Lindgren, R., Taylor, L. Bayesian field tracking 29851
Lindgren, S. *see* Kjebon, O. 37991
Lindgren, S. *see* Lourdudoss, S. 28862
Lindgren, S.R. *see* Kennedy, W.N. 40278
Lindh, J.D. *see* Stolz, C.J. 3295
Lindhardt, S., Lind-Hansen, A. Esbjerg Unit 3—experience from commissioning and initial operation 47700
Lindholm, F.A. *see* Wilamowski, B.M. 42867
Lindic, M. *see* Kranjec, P. 41645
Lindlein, N. *see* Schwider, J. 12457
Lindley, D., Musgrove, P. The wind power contribution 25360
Lindley, J.P. *see* McCarty, R.C. 36676
Lindmayer, M. *see* Anders, S. 8698
Lindmayer, M. *see* Frohlich, K. 8701
Lindner, A. *see* Liu, Q. 33644
Lindner, A. *see* Scheffer, F. 28206
Lindner, D.K., Tabisz, W.A. Miniaturized power converters for smart structure applications 8605
Lindner, G. *see* Joos, M. 6646
Lindner, H.G. Human factors support of NASA's Safety Directorate on the Space Station Processing Facility (SSPF), Kennedy Space Center, FL 24386
Lindner, J., Cederqvist, H. Fuel elements and fuel services 47682
Lindner, J.K.N. MeV metal ion implantations for buried layer fabrication in silicon 27657
Lindner, J.S. *see* Cook, R.L. 25805
Lindozzi, M. *see* Sarwar, S. 31698
Lindquist, C.S. *see* Corral, C.A. 21913
Lindquist, C.S. *see* Rivera-Colon, R. 31953
Lindquist, C.S. *see* Rizq, N.N. 21914
Lindquist, R. *see* Zhu, H. 2109
Lindquist, S.-E., Hagfeld, A., Lindstrom, H., Rensmo, H., Bjorksten, U., Sodergren, S. Colloidal films from TiO_2 an electrode material for dye-sensitized solar cells 40465
Lindquist, S.-E. *see* Hagfeldt, A. 33025
Lindquist, S.-E. *see* Hagfeldt, A. 42600
Lindqvist, L.-E. *see* Adam, W. 7259
Lindqvist, L.-E. *see* Adam, W. 31715
Lindqvist, L.-E. *see* Adam, W. 46929
Lindroos, J. *see* Eskelinen, P. 12729
Lindroos, M. *see* Qutaishat, S. 46872
Lindroos, S., Kanniainen, T., Leskela, M. Growth of ZnS thin films by liquid-phase atomic layer epitaxy (LPALE) 26454
Lindsay, A.C., Ross, J.D., Troedson, S.C. Optical A/D conversion using 1-bit coding techniques 35531
Lindsay, C.E., Chapman, N.R. Matched field inversion for geoacoustic model parameters using adaptive simulated annealing 4664
Lindsay, D. *see* Brown, M. 37859
Lindsay, J. *see* Alfonso, A. 32651
Lindsay-Stewart, A. *see* Xia, H. 29180
Lindsey, B.G. *see* Balis, U.J. 39062
Lindsey, C.S., Denby, B., Haggerty, H. Drift chamber tracking with neural networks 15661
Lindsey, C.S. *see* Denby, B. 7272
Lindsey, C.S. *see* Hornblad, P. 7233
Lindsey, G.P. *see* Attwood, J.R. 16424
Lindsey, K. *see* Choi, M.S. 8019
Lindsey, P., Blake, A. Real-time tracking of surfaces with structured light 45162
Lindsey, S. A dynamic work order processing system for an electrical distribution network 16303
Lindstedt, G., Olsson, G. Using low cost piezoelectric ultrasonic sensors for 3D measurement in robots 38460
Lindstrom, D.P. *see* Dawant, B.M. 7318
Lindstrom, D.P. *see* Dawant, B.M. 36750
Lindstrom, D.P. *see* Dawant, B.M. 38956
Lindstrom, G. *see* Bates, S. 24057
Lindstrom, H. *see* Hagfeldt, A. 33025
Lindstrom, H. *see* Lindquist, S.-E. 40465
Lindstrom, J.L. *see* Henry, A. 19578
Lindvold, L.R., Ramanujam, P.S., Fernquist, T. Holographically recorded transient gratings in retinylidene films 12463
Lindvold, L.R. *see* Ramanujam, P.S. 21020
Line, T.L., Park, J., George, T., Jones, E.W. Doping-spike LWIR PtSi Schottky IR detector fabricated by molecular beam epitaxy 23637
Linebarger, D.A. *see* DeGroat, R.D. 18079
Linebarger, D.A. *see* Tseng, Y.-C. 29595
Lineberry, J.T. *see* Cook, R.L. 38746
Lineberry, J.T. *see* Winkleman, B.C. 25779
Linehan, L. *see* Sachdev, H. 28046
Lines, D.J. Planning and staffing [DSM] 7770
Lines, M.E. *see* Kim, K.S. 23071
Lines, S.E. *see* Das Gupta, S. 48336
Linet, M.S. *see* Kaune, W.T. 39113
Linet, V., Bohineust, X. New technique of three-dimensional dynamic measurements based on multi-pulsed holographic interferometry 31523
Linfield, E.H. *see* Brown, K.M. 28211
Linfield, E.H. *see* Brown, M. 42521
Linfield, E.H. *see* Churchill, A.C. 2572
Linfield, E.H. *see* Daniels, M.E. 19379
Linfield, E.H. *see* Thompson, J.H. 2017
Linford, W. *see* Foster, B. 31714
Ling, C.C., Rebeiz, G.M. A 94-GHz planar monopulse receiver 22766
Ling, C.H. Interfacial polarisation in Al-Y_2O_3-SiO_2-Si capacitor 1961
Ling, C.H. Electron trapping and interface state generation in PMOSFET's: results from gate capacitance 11218
Ling, F. Systematic construction of order-recursive LS estimation algorithms with elementary orthogonal transformations 36736
Ling, H., Kim, H. A ray-based approach to scattering from inhomogeneous dielectric objects 44302
Ling, H., Moore, J., Bouche, D., Saavedra, V. Time-frequency analysis of backscattered data from a coated strip with a gap 21216
Ling, H. *see* Bhalla, R. 47318
Ling, H. *see* Moore, J. 29194
Ling, H.C. *see* Chang, D.D. 42340
Ling, J. *see* Rudra, A. 41330
Ling, T.Y. *see* Bylsma, B. 15667
Ling, T.Y. *see* Bylsma, B.G. 31675
Ling, Y., Engel, P.A., Brodskey, W.L., Guo, Y. Finding the constitutive relation for a specific elastomer 1688
Ling, Z.G., Ajmera, P.K., Kousik, G.S. Simultaneous extraction of bulk lifetime and surface recombination velocities from free carrier absorption transients 34499
Ling, Z.G. *see* Mayer, T.S. 34505
Ling Chen Systematic design of systolic arrays from affine recurrence techniques 10053
Ling Chen, Chuang, H.Y.H. Systolic array for complete Euclidean distance transform 45233
Ling Chen *see* Chuang, H.Y.H. 46340
Ling Dongzhong *see* Zheng Yangshu 28259
Ling Feng *see* Chen Zhonggan 9965
Ling Feng *see* Feng Ling
Ling Fuyun *see* Fuyun Ling
Ling Genshen, Chen Deming, Liu Yonggui, Li Chuanlu Plasma-loaded Cerenkov free-electron laser 12256
Ling Genshen, Qian Baoliang, Chen Deming, Li Chuanlu, Liu Yonggui Analysis of cylindrical dielectric-loaded slow-wave free-electron laser 20922
Ling Guan Statistical texture guided adaptive image coding by wavelet transforms 29871
Ling Guan *see* Guan Ling
Ling Hao *see* Hao Ling
Ling Kang *see* Kang Ling
Ling Lin, Li Cao, Da-Jin Wu First-order-like transition of dye laser colored gain model 12033
Ling Qiu *see* Qiu Ling
Ling Yong-Chien *see* Yong-Chien Ling
Ling Yue *see* Yue Ling
Ling Zhang *see* Zhang Ling
Ling Zhenfang, Guo Ru Self-pumped phase conjugation by backward stimulated two-wave mixing 20973
Ling-Hwei Chen, Wen-Hsiang Tsai Location of curved edges to subpixel values 21959
Ling-Hwei Chen *see* Peng-Yeng Yin 21976
Ling-Hwei Chen *see* Peng-Yeng Yin 29806
Ling-Hwei Chen *see* Peng-Yeng Yin 29973
Ling-Hwei Chen *see* Peng-Yeng Yin 30132
Ling-Jing Tang *see* Tang Ling-Jing
Lingaard, K.D. *see* Gebhart, C.E. 8193
Lingbing Chen *see* Chen Lingbing
Linge, N., Ball, E., Ashworth, J. Achieving network interconnection using satellite services 22589
Lingen, A. *see* Hermann, A. 37314
Linggard, R. Digital signal processing—evolution or revolution 44815
Linghua Gong *see* Gong Linghua
Lingjun Zhang *see* Zhang Lingjun
Lingqin Wang *see* Dezong Wang 36801
Lingua, B. *see* Scarati, C. 37871
Lingunis, E.H., Haegel, N.M., Karam, N.H. Cathodoluminescence studies of thermal stress in patterned GaAs/Si 9583
Lingwood, S.D. A 65-MHz digital chip-matched-filter for DS-spread spectrum applications 42063
Lingyi Zhang *see* Jialin Xie 43973
Lingzhen Jiang *see* Jiang Lingzhen
Linhjell, D., Berg, G., Lundgaard, L., Sigmond, R.S. Light emission from a long point-plane oil gap under impulse stress 11339
Linholm, L.W. *see* Allen, R.A. 6778
Linial, N., Saks, M. Low diameter graph decompositions 26312
Link, A., Kittan, J., Burghoff, M., Trahms, L. Nonrecursive monotonic filters for processing electro-physiological signals 31825
Link, A., Trahms, L. Highpass filters for detecting late potentials 15880
Link, A.N. Evaluating the Advanced Technology Program: a preliminary assessment of economic impacts 193
Link, A.N., Tassey, G. The technology infrastructure of firms: Investments in infratechnology 171
Link, M., Hertz, W. Development of quality assurance requirements - an international comparison 25156
Link, M.J., Hoffman, M.W., Buckley, K.M. Hardware implementation of robust constrained hearing aid arrays 24371
Link, P. *see* Bauer, S. 9559
Link, P. *see* Bauer, S. 41250
Link, W. Ferroelectric memories for identification systems. I. System overview and applications 41879
Link, W.B. *see* Gallegos, S.K. 37886
Linke, H. *see* Emanuelsson, P. 42462
Linke, K. *see* Handke, J. 47619
Linke, R.A. *see* Beyzavi, K. 43644

Linkevich, A.D. A sequential learning rule for analogous neural networks 11725
Linlin Li Small-signal analysis for the time-averaged AM and FM noise power spectra of a directly modulated semiconductor laser 35877
Linlin Li, Petermann, K. Small signal analysis of THz optical-frequency conversion in an injection-locked semiconductor laser 43852
Linlin Li, Petermann, K. Small-signal analysis of optical-frequency conversion in an injection-locked semiconductor laser 44113
Linlin Li *see* Kindt, S. 35800
Linlin Lin, Petermann, K. Characteristics of the optical-frequency conversion in a semiconductor laser 43827
Linlin Wang *see* Wang Linlin
Linliu Kung *see* Kung Linliu
Linn, R.J. *see* Hall, D.L. 22229
Linn, S. *see* Clark, E. 24010
Linnarsson, M. *see* Yang, B.H. 10857
Linnartz, J.-P.M.G. Spectrum efficiency of radio data system (RDS) 14756
Linnartz, J.-P.M.G. Effects of delay spread and noise on outage probability in cellular network 30644
Linnartz, J.-P.M.G., Davis, J.S., H. Outage probability in digital cellular radio networks 22914
Linnartz, J.-P.M.G. *see* Eleazu, C.O. 14496
Linnartz, J.P.M.G., Groenewegen, M.W.A., Prasad, R. Performance analysis of a slotted-ALOHA network using error correction and error detection coding with BPSK modulation 37794
Linne'r, L.J.P. *see* Lizhong Zhu 28412
Linnett, L.M., Carmichael, D.R., Clarke, S.J., Tress, A.D. Texture analysis of sidescan sonar data 38177
Linnett, L.M. *see* Clarke, R.J. 4868
Linnhofer, D. *see* Dionisi, C. 7222
Linnman, S. *see* Jelonkiewicz, J. 8894
Linnros, J., Norlin, P., Hallen, A. A new technique for depth resolved carrier recombination measurements applied to proton irradiated thyristors 19802
Lins, G., Hartmann, W. Metal vapour densities in a pseudospark switch 48002
Linsay, P.S. *see* Abarbanel, H.D.I. 29414
Linscott, I. *see* Fox, J.D. 6966
Linscott, I. *see* Oxoby, G. 6999
Linsdall, D.K. *see* Warner, E.S. 46133
Linsdell, R.C. *see* Custer, W.D. 41030
Linsheng Yao *see* Yao Linsheng
Linshu Mi *see* Mi Linshu
Linsu Tong *see* Tong Linsu
Lintelo, J.G.Th.te *see* te Lintelo, J.G.Th.
Lintern, G. *see* Oshima, C.R. 24396
Linton, J. PCP channel sharing 45791
Linyao Yang *see* Yang Linyao
Linyong Pang *see* Xiaoping Wu 29036
Linyu Zhu *see* Zhu Linyu
Linz, A. *see* Teschke, K. 17824
Linz, U., Maier, R. A first concept to use the cooler synchrotron COSY-Julich for cancer therapy 7471
Linzhang Zu *see* Zu Linzhang
Linzhen Xie *see* Xie Linzhen
Linzhou Wang *see* Wang Linzhou
Linzhuang, G. *see* Murowinski, R.G. 2579
Lion, Y. *see* Leclerc, P. 12476
Lionheart, W. *see* Paulson, K. 31910
Lionheart, W. *see* Paulson, K. 37036
Lions, P.-L. *see* Alvarez, L. 29744
Lior, N. *see* Freedman, B.Z. 47748
Liotine, F., Jr. Surface mount solderless attachment using electrically conductive polymer adhesive technology 34424
Liou, H.-K., Yang, E.S., Tu, K.N. Nonalloyed ohmic contacts to *n*-Si using a strained $Si_{0.50}Ge_{0.50}$ buffer layer 1945
Liou, H.-Y. *see* Lin, T.-T. 34011
Liou, J.C., Lau, K.M. Analysis of slow-wave transmission lines on multi-layered semiconductor structures including conductor loss 1390
Liou, J.J. Avalanche multiplication in forward- and reverse-active mode bipolar junction transistors 19767
Liou, J.J., Ho, C.S., Kager, A. Determination of the fitting parameters for using uniform emitter and base doping profile in bipolar transistor modeling 19783
Liou, J.J., Huang, C.I. Base and collector currents of pre- and post-burn-in AlGaAs/GaAs heterojunction bipolar transistors 42891
Liou, J.J. *see* Ho, C.S. 27111
Liou, J.J. *see* Ho, C.S. 34200
Liou, J.J. *see* Wong, W.W. 26624
Liou, K.-Y. *see* Koyama, F. 11685
Liou, K.-Y. *see* Koyama, F. 20793
Liou, K.-Y. *see* Koyama, F. 43529
Liou, L.L., Bayraktaroglu, B., Huang, C.I. Thermal stability analysis of multiple emitter finger microwave AlGaAs/GaAs heterojunction bipolar transistors 1514
Liou, M.L. *see* Hung-Kei Chow, K. 37019
Liou, R.-L. *see* Hsu, T.-Y. 2381
Liou, S.-S.P., Vo, L. Single-phase PWM inverter using MOS-controlled thyristor 32939
Liou, Y.-F. *see* Hsu, C.-Y. 18065
Liou Ching-Tien *see* Ching-Tien Liou
Liou Fu-Tai *see* Fu-Tai Liou
Liou Lin-Gwo *see* Lin-Gwo Liou
Lioy, A., Poncino, M. A study of the resetability of synchronous sequential circuits 1124
Lipatov, N.I. *see* Akimov, A.G. 11929
Lipcsei, S., Kiss, S., Por, G. Effect of detector size and position on measured vibration spectra of strings and rods 39869
Lipczynski, R.T. *see* Gregory, A. 47067
Lipeles, R.A. *see* Chhiu-Tsu Lin 33686
Liphardt, M., Goonesekera, A., Jones, B.E., Ducharme, S., Takacs, J.M., Lei Zhang High-performance photorefractive polymers 28423
Liping Duo *see* Duo Liping
Lipka, D. Large signal models for erbium doped fibre amplifiers 35742
Lipka, K. Limits of fine conductor line widths. Today's screen printing technology 19250
Lipko, A.L. *see* Zhilyaev, Yu.V. 9554
Lipko, S.I. *see* Zinchenko, L.A. 18401
Lipman, J. Simplifying ASIC design with functional system blocks 26911
Lipman, J., Schmidt, P. Last-minute changes permitted from now on: pFSB technology makes ASICS field-programmable 41878
Lipman, J. *see* Kaskowitz, M. 26976
Lipnik, P. *see* Delbar, T. 46831
Lipo, T.A., Divan, D.M. Resonant links: a new family of converter topologies for solid state power conversion 8602
Lipo, T.A. *see* Aydemir, M.T. 25880
Lipo, T.A. *see* Dostal, Z. 8279
Lipo, T.A. *see* Fahim, A.A. 8392
Lipo, T.A. *see* Moreira, J.C. 40161
Lipo, T.A. *see* Murai, Y. 40549
Lipo, T.A. *see* Shakal, A. 16770
Lipo, T.A. *see* Tian-Hua Liu 33090
Lipo, T.A. *see* Toliyat, H.A. 8576
Lipo, T.A. *see* Yoshida, M. 8575
Lipo, T.A. *see* Yuefeng Liao 8283
Lipo, T.A. *see* Yuefeng Liao 47865
Lipo, T.A. *see* Yuefeng Liao 48152
Lipoff, S. Personal communications services and cable TV 38328
Lipovskii, A.A. *see* Kukharev, A.V. 35427
Lipowski, J.S., Duggal, B.R. Monitoring faults in the rotor of a squirrel-cage induction motor through the analysis of harmonic content of stator currents 8370
Lipowski, J.S. *see* Maani, G. 8799
Lipp, A. *see* Khadra, L. 39043
Lippard, D.W. *see* Gettler, M.W. 32611
Lipparini, A. *see* Rizzoli, V. 28196
Lippe, H.von der *see* von der Lippe, H.
Lippens, D. Resonant tunnelling double barrier heterostructures 19758
Lippens, D. Quantum well devices for millimetre wave applications 27232
Lippens, D. *see* Bouregba, R. 34258
Lippens, D. *see* Grandidier, B. 42838
Lippens, J.M., Arnol, J. A large on-board real time system in submarines 32149
Lippens, P.E.R. *see* van der Werf, A. 26599
Lippens, P.E.R. *see* van der Werf, A. 34117
Lippens, P.E.R. *see* Verhaegh, W.F.J. 26598
Lippert, C. *see* Bechstedt, U. 15536
Lippert, G., Kruger, D., Zeindl, H.P., Ramm, J., Bugiel, E., Osten, H.J. Problems of contamination prior and during Si-MBE 33619
Lippert, G. *see* Ramm, J. 19545
Lippert, G. *see* Zeindl, H.P. 19546
Lipphardt, B. *see* Kramer, G. 23379
Lipphardt, G. Using a three-level GTO voltage source inverter in a HVDC transmission system 16292
Lipping, T., Loula, B., Jantti, V., Yli-Hankala, A. DC-level detection of burst-suppression EEG 39067
Lipping, T. *see* Hamalainen, M. 36748
Lipping, T. *see* Loula, P. 39070
Lippitt, M. *see* Tompa, G.S. 41478
Lippitz, A. *see* Krause, S. 6621
Lippman, A. *see* Hwang, J.-N. 22290
Lippold, H. *see* Henschel, H. 15623
Lips, H.P. Water cooling of HVDC thyristor valves 47475
Lips, K., Block, M., Fuhs, W., Lerner, C. Degradation of a-Si:H p-i-n solar cells studied by electrically detected magnetic resonance 33067
Lips, K., Fuhs, W. Transport and recombination in amorphous *p-i-n* type solar cells studied by electrically detected magnetic resonance 8767
Lips, K., Fuhs, W. Electrically detected magnetic resonance in a-Si:H pin cells 33032
Lips, K. *see* Fuhs, W. 42439
Lips, V. *see* Avdeev, S.P. 7275
Lips, V. *see* Avdeyev, S.P. 7149
Lipsanen, H.K. *see* Hjelt, K.T. 9589
Lipschultz, F.P. *see* Belloni, M. 40820
Lipscomb, F. *see* Lytel, R. 20236
Lipscomb, G.F. *see* Ermer, S. 20396
Lipscomb, G.F. *see* Lytel, R. 43520
Lipscomb, G.F. *see* Van Eck, T.E. 3369
Lipscomb, W.E. *see* Tracey, J.S. 7872
Lipscomb, W.G. *see* Tracey, J.S. 32247
Lipset, R., Sengupta, S., Van Til, R.P. Analytic modeling of the unreliable buffer in the serial transfer line 40883
Lipskii, V.V. *see* Zamorskii, M.K. 35699
Liptak, R.A. *see* Matuck, G.C. 33320
Lipton, L. Stereoscopic real-time and multiplexed video system 23302
Lipton, R.J., Serpanos, D.N., Wolf, W.H. PDL++: an optimizing generator language for register transfer design 9882
Liqiong Wang *see* Wang Liqiong
Liquan Chen, van Zomeren, A., Schoonman, J. Amorphous MnO_2 thin film cathode for rechargeable lithium batteries 48097
Liqun Liu *see* Liu Liqun
LiQun Ma, Hasegawa, K. Study on error search on discrete event system 26255
Lira, A.C. *see* Rafael, F.S. 15551
Lira, I.H. Reconstruction of an axisymmetric refractive index distribution with non-negligible refraction 37010
Lira, J., Garcia-Ugalde, F., Alcantara, R. Segmentation of textures in SAR images by region growing and entropy schemes 37029
Liren Liu, Xiaoben Liu Matrixing coupled wave theory of photorefractive hologram recorded by two-beam coupling 3939
Liren Liu, Zibei Zhang, Xuejun Zhang, Jun Zheng Cellular two-layer logic array and optoelectronic implementation 20469
Liren Liu *see* Changhe Zhou 3265
Liren Liu *see* Changhe Zhou 11739
Liren Liu *see* Guoqiang Li 28564
Liren Liu *see* Jiajun Zhang 3267
Liren Liu *see* Yaming Wu 11734
Liren Liu *see* Yaming Wu 20454
Liren Liu *see* Yaming Wu 20456
Liren Liu *see* Yaming Wu 37684
Liren Liu *see* Zhaohui Zhu 11754
Liren Liu *see* Zibei Zhang 35530
Lirer, G., Strollo, A.G.M., Luciano, A. A simplified model of current-controlled switching converters in discontinuous current-mode 17057
Lirer, G. *see* Bellone, S. 19395
Lirong Jin *see* Jin Lirong
Lis, J., Huang, C.L. Use of asynchronous modeling constructs in Verilog RTL synthesis 970
Lis, L. Self-locking and other modes of the laser oscillations 35692
Lis, M. *see* Rusek, A. 40178
Lis, R. *see* Zhao, J.H. 2509
Lisa, F. *see* Carrabina, J. 24112
Lisa Zhang, Z., MacDonald, N.C. Integrated silicon process for microdynamic vacuum field emission cathodes 27410
Lisak, M. *see* Anderson, D. 3888
Lisak, M. *see* Hook, A. 20321
Lisak, M. *see* Semenov, V. 1495
Lisauskas, V. *see* Chesnys, A. 1860
Lischka, K. *see* Riesz, F. 33600
Lisdat, F., Moritz, W. A reference element based on a solid-state structure 6477
Lisdat, F. *see* Friebe, A. 46376
Lisdat, F. *see* Moritz, W. 6476
Lishan Wang *see* Wang Lishan
Lishchenko, A.I. *see* Shidlovskii, A.K. 32811
Lisheng Yu *see* Yu Lisheng
Lisi, E. *see* Colonna, N. 24081
Lisi, M. *see* Catena, E. 29377
Lisi, N. *see* Letardi, T. 20623
Lisiansky, B.E. *see* Morozova, S.P. 23404
Lisik, Z. A hybrid approach to heat transfer modeling in electrothermal models of power semiconductor devices 2402
Lisik, Z., Turowski, M. 2D analysis of reverse gate current distribution in GATT with shorted emitter under turn-off conditions 2501
Lisio, M.P.De *see* De Lisio, M.P.
Lisio, P.De *see* De Lisio, P.
Lisitsyn, M.V., Kosareva, Y.G. Multivariable automatic control of electrical power plant operating conditions 39705
Lisitsyn, V.P., Domashenko, G.D., Utkin, M.I. Nonsteady-state electromagnetic field of an array of *TEM* horns 4332
Liska, D. Line numbering and synchronization in digital HDTV systems 30976
Liska, D. *see* Amendola, G. 15300
Liska, R. *see* Steinberg, S. 26376
Lisner, R.P., Alfredson, R.J. Vibro-acoustic behaviour of squirrel-cage induction motors under the influence of pulsating mechanical loads 40214
Lisnyak, P.G. *see* Vetrov, A.P. 27564
Liso, G.De *see* De Liso, G.
Lisovik, L.P. Representation of linear functionals over partially continuous functions 9369
Lisovskii, I.P., Litovchenko, V.G., Romanova, G.P., Didenko, P.I., Schmidt, E.G. Proton release and defect creation in MOS structures due to high electric fields 42590
Lisovskiy, Yu.L. *see* Arbuzov, Yu.D. 40487
Lisowski, B. *see* Bates, S. 24057
Lisowski, B. *see* Beaumont, S.P. 15637
Lisowski, B. *see* Borer, K. 7221
Lisowski, P.W. *see* Wender, S.A. 7232
Liss, K.-D., Magerl, A., Glaser, W. A neutron diffraction study on the very narrow dynamical width of GaAs[200] 7292
Lissauer, D. The GEM noble liquid integrated calorimeter 31754
Lissens, G. Evaluation of the convenant between the government and the electricity producers to reduce acid emissions in Belgium 39932

List, R.S. Electrical effects of dislocations and other crystallographic defects in $Hg_{0.78}Cd_{0.22}Te$ n-on-p photodiodes 11837
List, S. *see* Pichler, P. 19503
Listanti, M. *see* Bernabei, F. 5174
Lister, A. *see* Gedge, T. 14053
Lister, A. *see* Milosevic, Z. 37346
Lister, J.M.D. *see* Shaw, M.J. 3423
Listmann, R., Herzog, M. A modularized steam turbine family for combined cycle power plants 25233
Listvin, A.V., Listvin, V.N., Potapov, V.T. Microresonator magnetic field sensor 38534
Listvin, V.N. *see* Listvin, A.V. 38534
Listvinsky, G. *see* Albright, J. 25320
Liszkay, L. *see* Pfeiffer, W. 42419
Lit, J.W.Y. *see* Ohke, S. 12690
Litch, S.P. *see* Burgess, B. 41930
Litchfield, D. *see* Downie, P. 24064
Litian Liu *see* Liu Litian
Litka, T. *see* Warrant, J.C. 47663
Litkenes, I.V. *see* Beim, R.S. 24644
Litkens, I.V., Stroev, V.A., Filippova, N.G., Shtrobel, V.A. Problems in steady-state stability and dynamics of controlled electrical power systems 24814
Litovchenko, V.G., Kryuchenko, Yu.V., Il'chenko, L.G. Emission properties of field cathode tips and structures with quantum wells 19291
Litovchenko, V.G. *see* Klyui, N.I. 19442
Litovchenko, V.G. *see* Lisovskii, I.P. 42590
Litovchenko, V.V. Determining the power indices of AC electric rolling stock with 4q-S converters 40616
Litovchenko, V.V. *see* Barankevich, V.I. 40614
Litovski, V.B. *see* Milovanovic, D.P. 41803
Litovski, V.B. *see* Petkovic, P.M. 41768
Litscher, G., Schwarz, G., Pfurtscheller, G. Computer-based analysis of continuous non-invasive blood pressure and heart rate variability—methodology and normal values during wakefulness and sleep 24265
Litsenko, I.A. *see* Sinchuk, O.N. 40521
Litsyn, S., Moreno, C.J., Moreno, O. Divisibility properties and new bounds for cyclic codes and exponential sums in one and several variables 36560
Litsyn, S., Tietavainen, A. Character sum constructions of constrained error-correcting codes 29444
Litters, L. *see* Blechschmidt, H.H. 24957
Little, A., Henningsen, C. Linear and mixed signal ICs for video systems 30959
Little, B.E., Huang, W.P. Grating-assisted nonlinear codirectional couplers 43471
Little, C.E. *see* Jones, D.R. 47991
Little, E. Touchsense current measurement 38385
Little, M.O. *see* Moyer, L.R. 23121
Little, M.O. *see* Moyer, L.R. 30877
Little, T.D.C., Kao, F. An intermedia skew control system for multimedia data presentation 13968
Little, W.A. *see* Holcomb, M.J. 6824
Littlehales, P.A., Lewis, C.P. Chaos in sigma delta modulators 10023
Littlehales, P.A., Lewis, C.P., Bishop, S.R. Chaos in sigma delta modulator based transducers 38450
Littlejohn, M.A. *see* Tian, H. 35024
Littlejohn, M.A. *see* Woolard, D.L. 19712
Littler, C.L. *see* Lowney, J.R. 15013
Littler, I.C.M. *see* Balle, S. 3469
Littler, I.C.M. *see* Kowalski, F.V. 28911
Littman, F. First Mars outpost power systems 40062
Litunovskii, V.N. *see* Bakuta, V.G. 38766
Litva, J., Chen Wu, Ke-Li Wu, Ji Chen Some considerations for using the finite difference time domain technique to analyze microwave integrated circuits 27283
Litva, J. *see* Chen, J. 4028
Litva, J. *see* Ping-Ya Zhao 33573
Litva, J. *see* Shen, Y. 18973
Litva, J. *see* Wang, F. 21452
Litva, J. *see* Wu, K.-L. 10481
Litvak-Gorskaya, L.B. *see* Bannaya, V.F. 34493
Litvak-Gorskaya, L.B. *see* Gershenzon, E.M. 34243
Litvin, A.I. *see* Kozhukhovskii, A.D. 12921
Litvin, G.D. *see* Skolbelkin, O.K. 47118
Litvin, K., Burm, J., Woodard, D., Schaff, W., Eastman, L.F. High speed optical detectors for monolithic millimeter wave integrated circuits 1634
Litvin, L.V. *see* Bykov, A.A. 19405
Litvin, L.V. *see* Bykov, A.A. 43617
Litvinenko, V.I. *see* Yeremka, V.D. 33147
Litvinenko, V.N. *see* Wu, Y. 46719
Litvinov, E.A. *see* Barengolts, S.A. 35301
Litvinov, E.A. *see* Barengol'ts, S.A. 43372
Litvinov, Yu.A., Semenov, A.L. Small-signal measuring system 23505
Litvinov, Yu.A. *see* Erygin, A.I. 23836
Litynski, M. *see* DeCusatis, C. 20441
Litz, M., Golden, J. Predictions of nonlinear electron trajectories in a Vircator 27421
Litz, M. *see* Merkel, G. 34490
Litz, M. *see* Miller, R.B. 34489
Litzenburger, M. *see* Henkel, W. 21523
Liu, A. *see* Morse, B.S. 38963
Liu, A.-S. *see* Chang, C.-L. 24603
Liu, A.-S. *see* Chang, C.-L. 25063
Liu, A.C., Digonnet, M.J.F., Kino, G.S. Electro-optic phase modulation in a silica channel waveguide 43548
Liu, A.H. *see* Chuan-Shen Liu 25265
Liu, A.K. *see* Vachon, P.W. 7625
Liu, A.Y. *see* Dzwonczyk, R. 39060
Liu, B., Chang, T., Gaggioni, H. On the accuracy of transformation between color components in standard and high definition television 31001
Liu, B. *see* Eichler, H.J. 12062
Liu, B. *see* Evans, J.B. 4613
Liu, B. *see* Feng, D. 36501
Liu, B. *see* Peng, Z. 18743
Liu, B. *see* Song, F. 36879
Liu, B. *see* Zaccarin, A. 13621
Liu, B. *see* Zaccarin, A. 45074
Liu, B.-D. *see* Chen, P.-C. 26769
Liu, B.Y.H., Seung-Ki Chae, Gwi-Nam Bae Sizing accuracy, counting efficiency, lower detection limit and repeatability of a wafer surface scanner for ideal and real-world particles 1993
Liu, B.Y.H. *see* Yan Ye 1991
Liu, C., Leonard, J. Monitoring actual grain loss from an axial flow combine in real time 14872
Liu, C. *see* Marvasti, F.A. 45105
Liu, C.-C. *see* Chang, Y.-C. 39654
Liu, C.-C. *see* Christie, R.D. 32489
Liu, C.-C. *see* Hsiao, Y.-T. 24851
Liu, C.-C. *see* Iwamoto, S. 24807
Liu, C.-C. *see* Lee, S. 7858
Liu, C.-C. *see* Tinguely, C. 32195
Liu, C.-C. *see* Tsai, M.-S. 24847
Liu, C.-M. *see* Lee, H.-R. 10294
Liu, C.-T., Kuo, J.-L. A refinement on transverse flux homopolar linear machine system modelling by periodic convolution technique 47897
Liu, C.H., Tsai, W.H. Recognizing cylindrical objects by single camera views 45120
Liu, C.L. *see* Kim, T. 41588
Liu, C.L. *see* Pan, P. 26619
Liu, C.L. *see* Yang, Z.P. 8827
Liu, C.S., Chen, L.J. Interfacial reactions of ultrahigh-vacuum-deposited Cu thin films on atomically cleaned (111)Si. I. Phase formation and interface structure 19419
Liu, C.S., Chen, L.J. Interfacial reactions of ultrahigh-vacuum-deposited Cu thin films on atomically cleaned (111)Si. II. Oxidation of silicon catalyzed by η'-Cu_3Si at room temperature 19576
Liu, C.S., Chen, L.J. The dependence of room-temperature oxidation of silicon catalyzed by Cu_3Si on the silicide grain size 34764
Liu, C.S., Chen, S.R., Chen, W.J., Chen, L.J. Epitaxial growth of Cu thin films on atomically cleaned (111)Si at room temperature 26452
Liu, C.S. *see* Kauffman, J.F. 27109
Liu, C.S. *see* Korevaar, E. 6046
Liu, C.T., Kuo, C.C., Pan, J.S., Lin, B.M. Development of electric motor cycle technologies in Taiwan 40593
Liu, C.T., Kuo, J.L. A generalized 3-D dynamic modelling for transverse flux homopolar linear machines based on statistical saliency-effect superposition method 32881
Liu, C.T. *see* Chen, L.P. 23593
Liu, C.T. *see* Yu, C.H.D. 19851
Liu, C.W. *see* Venkataraman, V. 1916
Liu, D., Dew, S.K., Brett, M.J., Janacek, T., Smy, T., Tsai, W. Properties of titanium and aluminum thin films deposited by collimated sputtering 10997
Liu, D., Michel, A.N. Stability analysis of state-space realizations for two-dimensional filters with overflow nonlinearities 42071
Liu, D. *see* Chen, J. 18697
Liu, D. *see* Namkung, W. 15293
Liu, D.C. *see* Tsang, J.S. 12238
Liu, D.C. *see* Yen, S.T. 34582
Liu, D.T.H. *see* Cheng, L.-J. 4805
Liu, E., Hong, H.W., Malinowski, J.H. Dissemination of electrical operations information 32343
Liu, E.K. *see* Liu, Y.L. 28505
Liu, E.W.Y., Sangiovanni-Vincentelli, A.L. Behavioral simulation for noise in mixed-mode samples-data systems 27011
Liu, E.Z. *see* Bernstein, J.B. 20031
Liu, E.Z. *see* Drusedau, T. 27496
Liu, E.Z. *see* Paul, W. 35556
Liu, F.T., Okabe, C., Tsuchiya, M., Yamamoto, Y., Taylor, B.E., Low, C.C., Goh, G.W., Ravikumar, S. Through-holes: materials, printing, process capability, reliability 19255
Liu, G., Polis, M.P., Roach, D. Multistage switching power supply circuits 9953
Liu, G., Yin, A.G., Fonash, S.J. The effects of electron cyclotron resonance hydrogenation on the off-current of poly-Si TFTs 28174
Liu, G. *see* Smith, J. 28175
Liu, G.-S., Wei, C.-H. Multipath fading effects on carrier recovery of BPSK signal in digital radio 5709
Liu, G.K.F. *see* Leung, S.H. 13005
Liu, H. Numerical simulations at CEBAF using PARMELA 46761
Liu, H., Benson, S., Bisognano, J., Liger, P., Neil, G., Neuffer, D., Sinclair, C., Yunn, B. Numerical investigation of a laser gun injector at CEBAF 31579
Liu, H., Frenkel, A.C., Kim, J.G., Park, R.M. Growth of zincblende-GaN on β-SiC coated (001) Si by molecular beam epitaxy using a radiofrequency plasma discharge, nitrogen free-radical source 18176
Liu, H., Zawadzki, P.A., Norris, P.E. Atomic layer epitaxy in a rotating disk reactor 714
Liu, H. *see* Auerhammer, J. 35900
Liu, H. *see* Karellas, A. 15722
Liu, H. *see* Li, F. 7578
Liu, H. *see* Li, F. 21781
Liu, H. *see* Rowles, C.D. 5405
Liu, H. *see* Yung, K.L. 17425
Liu, H.-F., Ngai, W.F. Nonlinear dynamics of a directly modulated 1.55 μm InGaAsP distributed feedback semiconductor laser 12151
Liu, H.-K. *see* Zhou, S. 28556
Liu, H.-M. *see* Wang, T.-K. 15245
Liu, H.-X.L. *see* Sjogren, L.B. 34280
Liu, H.-Y. *see* Cho, C.-C. 9609
Liu, H.C., Li, J., Thompson, J.R., Wasilewski, Z.R., Buchanan, M., Simmons, J.G. Multicolor voltage tunable quantum-well infrared photodetector 23635
Liu, H.C., Li, J., Thompson, J.R., Wasilewski, Z.R., Buchanan, M., Simmons, J.G. Multicolor voltage-tunable quantum-well infrared photodetector 46442
Liu, H.C., Wilson, P.H., Lamm, M., Steele, A.G., Wasilewski, Z.R., Jianmeng Li, Buchanan, M., Simmons, J.G. Low dark current dual band infrared photodetector using thin AlAs barriers and Γ-X mixed intersubband transition in GaAs quantum wells 31211
Liu, H.C. *see* Jianmeng Li 34591
Liu, H.C. *see* Wilson, P.H. 6501
Liu, H.F. *see* Ahmed, K.A. 35850
Liu, H.F. *see* Chan, K.C. 35393
Liu, H.F. *see* Cheng, H.H.Y. 12378
Liu, H.F. *see* Cheng, H.H.Y. 35394
Liu, H.I., Biegelsen, D.K., Johnson, N.M., Ponce, F.A., Maluf, N.I., Pease, R.F.W. Silicon quantum wires oxidation and transport studies 19374
Liu, H.I., Biegelsen, D.K., Johnson, N.M., Ponce, F.A., Pease, R.F.W. Self-limiting oxidation of Si nanowires 27750
Liu, H.I., Biegelsen, D.K., Ponce, F.A., Johnson, N.M., Pease, R.F.W. Self-limiting oxidation for fabricating sub-5 nm silicon nanowires 34782
Liu, H.K. *see* Guo, Y.C. 35259
Liu, H.X., Schneider, T.P., Montgomery, J., Chen, Y.L., Buczkowski, A., Shimura, F., Nemanich, R.J., Maher, D.M., Korzec, D., Engemann, J. A study of surface and subsurface properties of Si(100) after hydrogen ion-beam exposure 34739
Liu, J. Process yield and reliability of 0.65 mm pitch technology in surface mounting 42310
Liu, J., Govinda Raju, G.R. Influence of a nonuniform field on the electron swarm parameters in SF_6 43166
Liu, J., Rorgren, R. Joining of displays using thermosetting anisotropically conductive adhesives 23834
Liu, J., Shirkoohi, G.H. Anisotropic magnetic material modeling using finite element method 43248
Liu, J. *see* Alexander, P.H. 7465
Liu, J. *see* Bredikhin, S. 6650
Liu, J. *see* Faltermeier, J. 831
Liu, J. *see* Konishi, Y. 10462
Liu, J. *see* Schettler, H. 6649
Liu, J.-C., Ho, S.-S., Bor, S.-S., Lu, P.-C. Tchebyshev approximation method for Salisbury screen design 4143
Liu, J.K. *see* Gunapala, S.D. 42878
Liu, J.K. *see* Kaiser, W.J. 27521
Liu, J.M., Simpson, T.B. Phase and amplitude modulations induced by four-wave mixing in laser diodes 21029
Liu, J.M. *see* Chen, L.P. 23593
Liu, J.M. *see* Simpson, T.B. 43944
Liu, J.S., Laverty, S.J., Maguire, P., McLaughlin, J., Molloy, J. The role of an electrolysis reduction in copper-electroplating on transparent semiconductor tin oxide 41406
Liu, J.W.S. *see* Feng, W. 4536
Liu, J.W.S. *see* Kim, T. 41588
Liu, J.Z., Lewen, G., Conde, J.P., Roca i Cabarrocas Dual-beam photocurrent spectra in undoped a-Si:H 28594
Liu, J.Z. *see* Weir, S.T. 28395
Liu, K., Balanis, C.A., Birtcher, C.R., Barber, G.C. Analysis of pyramidal horn antennas using moment methods 29338
Liu, K., Steinberg, D. An optical pre-amplifier and receiver module for multi-channel applications 30706
Liu, K., Tong, F., Bond, S.W. Planar grating wavelength demultiplexer 30778
Liu, K. *see* Brussaard, G. 29183
Liu, K. *see* Glennie, D. 6546
Liu, K. *see* Ramaswami, R. 45943
Liu, K.-W., Anwar, A.F.M., Caroll, R.D. Noise modeling for *W*-band pseudomorphic InGaAs HEMT's 19888

Liu, K.-W. *see* Anwar, A.F.M. 11236
Liu, K.-W. *see* Anwar, A.F.M. 19889
Liu, K.J.R. A simple and unified proof of dyadic shift invariance and the extension to cyclic shift invariance 21778
Liu, K.J.R. Novel parallel architectures for short-time Fourier transform 34097
Liu, K.J.R., Chiu, C.T. Unified VLSI lattice architectures for discrete sinusoidal transforms 10201
Liu, K.J.R. *see* Frantzeskakis, E. 36724
Liu, K.J.R. *see* Tang, C.E.T. 44858
Liu, K.Z. *see* Liu, M.N. 18595
Liu, L., Templeton, J.G.C. Autocorrelations in infinite server batch arrival queues 9386
Liu, L. *see* Eray, M. 23741
Liu, L.J., Yang, J.Y., Cao, Y.L. Three-dimensional feature extraction using data fusion method 5077
Liu, L.M. *see* Hsu, S.L. 19651
Liu, L.Y., Oka, M., Wiechmann, W., Kubota, S. Longitudinally diode-pumped continuous-wave 3.5-W green laser 28793
Liu, M. *see* Crisan, O. 39515
Liu, M. *see* Iniewski, K. 42836
Liu, M. *see* Papantoni-Kazakos, P. 22817
Liu, M.G., Jiang, M.H., Tao, X.T., Yuan, D.R., Xu, D., Zhang, N., Shao, Z.S. Preparation and characterization of organic thin film for semiconductor laser frequency doubling 28424
Liu, M.H., Wang, Y.H., Houng, M.P. Carrier transport in InAs/AlSb/GaSb interband tunneling structures 19380
Liu, M.H., Wang, Y.H., Houng, M.P. The effect of the InAs layer thickness on the peak current density and subband properties of the GaSb/InAs/GaSb/AlSb/InAs structures 34576
Liu, M.J., Hasson, R., Ioannides, A.A. A transputer-based system for magnetic field tomography 47035
Liu, M.M. *see* Shealy, J.B. 28191
Liu, M.N., Liu, K.Z., Maki, G.K., Whitaker, S.R. Automated ILA design for VLSI synchronous state machines 18595
Liu, M.S. *see* Nayeri, M. 21887
Liu, M.Y., Chou, S.Y., Alexandrou, S., Wang, C.C., Hsiang, T.Y. 110 GHz Si MSM photodetectors 23638
Liu, M.Y. *see* Hsiang, T.Y. 20519
Liu, P., Yang, Z., Tang, C. Kinetic theory of a novel CARM oscillator with axisymmetrical quasi-optical cavity of oblique rotation at arbitrary angle 11910
Liu, P.-H. *see* Lo, D.C.W. 1638
Liu, P.C. *see* Chee, P.Y. 10170
Liu, P.C. *see* Chua, L.M. 28133
Liu, P.C.K., Chung, V.W.W., Li, K.C. Circuit design with post-fabrication tuning 9907
Liu, P.C.K. *see* Lau, H.K. 37807
Liu, P.C.K. *see* Li, C.Y. 37117
Liu, P.H. *see* Chen, C.H. 1612
Liu, P.H. *see* Lai, R. 19048
Liu, P.H. *see* Lai, R. 27284
Liu, P.H. *see* Pospieszalski, M.W. 1528
Liu, P.H. *see* Wang, H. 1580
Liu, P.H. *see* Wang, H. 1606
Liu, Q., Chan, A.K., Chui, C.K., Pettit, E., Rhines, D. A hybrid technique using spline-wavelet packets and vector quantization for high rate image compression 22112
Liu, Q., Hughes, D.G., Allen, P.S. Quantitative characterization of the eddy current fields in a 40-cm bore superconducting magnet 28421
Liu, Q., Irene, E.A. Si/SiO_2 interface studies by immersion ellipsometry 34619
Liu, Q., Lindner, A., Scheffer, F., Prost, W., Tegude, F.J. X-ray diffraction characterization of highly strained InAs and GaAs layers an InP grown by metalorganic vapor-phase epitaxy 33644
Liu, Q., Wan, Y. An adaptive maximum-likelihood sequence estimation receiver with dual diversity combining/selection 37790
Liu, Q. *see* Kraus, J. 2594
Liu, Q. *see* Scheffer, F. 28206
Liu, Q.Z., MacDonald, R.I. Controlled nonlinearity monolithic integrated optoelectronic mixing receiver 45986
Liu, Q.Z., Pulfrey, D.L., Jackson, M.K. Analysis of the transistor-related noise in integrated p-i-n-HBT optical receiver front-ends 35622
Liu, Q.Z. *see* Yu, L.S. 28823
Liu, R., Batarseh, I., Lee, C.Q. Comparison of capacitively and inductively coupled parallel resonant converters 40316
Liu, R., Lee, C.Q. Design of high frequency resonant factor correction circuits via input current programmed control schemes 16171
Liu, R., Pai, C.S., Lu, C.Y., Sung, J.M., Tsai, N.S. Limitations of rapid thermal processing on ultra-shallow junctions for sub-0.25 μm MOSFETs 19852
Liu, R. *see* Sampas, N.M. 3719
Liu, R.C. *see* Brown, L.D. 21472
Liu, R.L., Zhang, Q.J., Nakhla, M.S. Successive asymptotic waveform evaluation of lossy distributed networks with nonlinear terminations 28228
Liu, R.S. *see* Huang, C.J. 35282
Liu, S. Satellite and terrestrial microwave communications in China 5833
Liu, S. *see* Agrawal, P. 41579
Liu, S. *see* Scofield, J. 42789
Liu, S.-H., Kleiman, V., Mizrukhin, L. Development of the delay calculator for Verilog and Veritime 967
Liu, S.-I., Hwang, Y.-S. CMOS four-quadrant multiplier using bias offset crosscoupled pairs 10355
Liu, S.-J., Hwang, Y.-S. Realisation of R-L and C-D impedances using a current feedback amplifier and its applications 42040
Liu, S.M.J., Boll, G.G. A new probe for *W*-band on-wafer measurements 1487
Liu, S.M.J., Boll, G.G. Probe design extends on-wafer testing to 120 GHz 15179
Liu, S.M.J. *see* Ho, P. 11242
Liu, T., Jaffe, S., Downey, D., Patel, C.B., Yang, J., Roy, S. Simulation and implementation of US QAM-based HDTV channel decoder 14796
Liu, T. *see* Hafizi, H. 27206
Liu, T. *see* Matloubian, M. 28189
Liu, T. *see* Metzger, R.A. 2458
Liu, T. *see* Metzger, R.A. 2470
Liu, T. *see* Nguyen, L. 1526
Liu, T. *see* Rosenbaum, S.E. 1635
Liu, T. *see* Sjogren, L.B. 34280
Liu, T. *see* Todd, T.D. 14195
Liu, T.-F. *see* Tan, A.C. 18881
Liu, T.-H., Cheng, C.-P. Controller design for a sensorless permanent-magnet synchronous drive system 8821
Liu, T.-H. *see* Chen, M.-J. 35087
Liu, T.I., Iyer, N.R. Diagnosis of roller bearing defects using neural networks 913
Liu, T.K. *see* Shealy, J.B. 28191
Liu, T.K. *see* Shealy, J.B. 43012
Liu, T.M., Chin, G.M., Morris, M.D., Jeon, D.Y., Johnson, R.W., Archer, V.D., Tarsia, M.J., Kim, H.H., Cerullo, M., Lee, K.F., Sung, J.M., Lau, K., Feuer, M.D., Voshchenkov, A.M., Swartz, R.G. Performance optimization of a high speed super self-aligned BiCMOS technology 20025
Liu, T.M. *see* Yan, R.H. 11181
Liu, T.S. *see* Wang, J.D. 9347
Liu, T.Y. *see* Scott, J.S. 42854
Liu, T.Y. *see* Scott, J.S. 42860
Liu, W. The temperature and current profiles in an emitter finger as a function of the finger length 11159
Liu, W. Transient response of junction temperature in power heterojunction bipolar transistors 19060
Liu, W., Goldstein, M.H., Jr., Andreou, A.G. Multiresolution speech analysis with an analog cochlear model 13086
Liu, W., Halverson, D.R. Nonlocal robustness of the sign detector with nonstationary data 13240
Liu, W., Henderson, T., Beam, E., III, Fan, S.K. Electron saturation velocity in $Ga_{0.5}In_{0.5}P$ measured in a GaInP/GaAs/GaInP double-heterojunction bipolar transistor 1552
Liu, W., Khatibzadeh, A., Henderson, T., Fan, S.-K., Davito, D. *X*-band GaInP/GaAs power heterojunction bipolar transistor 1507
Liu, W., Kim, T., Khatizbadeh, A. 2.0 W CW X-band GaInP/GaAs heterojunction bipolar transistor 34261
Liu, W., Nelson, S., Hill, D.G., Khatibzadeh, A. Current gain collapse in microwave multifinger heterojunction bipolar transistors operated at very high power densities 19070
Liu, W. *see* Beam, E.A., III 41327
Liu, W. *see* Clements, S.M. 42024
Liu, W. *see* Doraiswami, R. 16206
Liu, W. *see* Henderson, T. 19390
Liu, W. *see* Ni, H.L. 15679
Liu, W.-M. *see* Margaryan, A. 2932
Liu, W.-T., Cochrane, S., Wu, X.-M., Singh, P.K., Zhang, X., Knorr, D.B., McDonald, J.F., Rymaszewski, E.J., Borrego, J.M., Lu, T.-M. Frequency domain (1 kHz-40 GHz) characterisation of thin films for multichip module packaging technology 26185
Liu, W.D., Chaaraoui, J., Wood, J.K., Spencer, J.W., Jones, G.R. Parasitic arcing in EHV circuit breakers 17101
Liu, W.H. *see* Shang, L. 34766
Liu, W.S., Chen, J.S., Lie, D.Y.C., Nicolet, M.-A. Ge epilayer of high quality on a Si substrate by solid-phase epitaxy 672
Liu, W.S. *see* Park, S.-G. 34785
Liu, X. Using experiential and fundamental knowledge: diagnosis in load forecasting 32224
Liu, X., Atanassov, G., Pei-fu Gu, Sao, Q., Jin Fa Tang Infrared optical absorption loss of antireflection coatings on germanium and potassium chloride substrates at the 10-μm wavelength by the photothermal deflection technique 3294
Liu, X., Bruton, L.T. The uniqueness in designing multidimensional causal recursive digital filters possessing magnitude hyperspherical symmetry 18876
Liu, X., Bruton, L.T. Parallel computing in multidimensional recursive filtering 27073
Liu, X., Chetwynd, D.G., Smith, S.T., Wang, W. Improvement of the fidelity of surface measurement by active damping control 23893
Liu, X., Fan, H. Schur type algorithms for spatial LS estimation with highly pipelined architectures 13177
Liu, X., Goodwin-Johansson, S., Jacobson, J.D., Ray, M.A., McGuire, G.E. On the spatial resolution of two-dimensional doping profiles as measured using secondary ion mass spectrometry tomography 42611
Liu, X., Mandridake, L., Najim, M. Transient and steady-state behavior of the 2D fast RLS lattice algorithm 21767
Liu, X., Najim, M., Janati, M., Youlal, H. LMS and FRLS 2-D lattice filters 4696
Liu, X., Sakamoto, A., Shimamoto, T. Restrictive channel routing with evolution programs 18395
Liu, X., Smith, S.T., Chetwynd, D.G. Tunneling probes for metrological applications using a long-range profilometer 15216
Liu, X., Yoshida, Y. Texture classification of rotated and scaled images using elliptic parameters 4795
Liu, X. *see* Abe, K. 7260
Liu, X. *see* Abe, K. 15619
Liu, X. *see* Abe, K. 46930
Liu, X. *see* Samuelson, L. 10956
Liu, X. *see* Seifert, W. 33641
Liu, X. *see* Taniguchi, N. 2610
Liu, X. *see* Taniguchi, N. 26545
Liu, X.D. *see* Lee, L.C. 31487
Liu, X.H. *see* Zhang, X.K. 38575
Liu, X.X., Sites, J.R. Solar-cell collection efficiency and its variation with voltage 25704
Liu, Y. Fractal equations and their solutions 4902
Liu, Y. Extensions of fractal theory 29927
Liu, Y. Pattern recognition using Hilbert space 30014
Liu, Y., Chang, W., Kari, B. Designing position sensitive NaI(Tl) bar-detectors with an empirical model 15635
Liu, Y., Ciric, I.R. Improved formulas for the diffraction by a wedge 4067
Liu, Y., Ciric, I.R. Improved formula for scattering and diffraction by a wedge of an arbitrary angle 21205
Liu, Y., Hirota, T., Itoh, T. Coupling phenomena in conductor-back slotline structures 1461
Liu, Y., Hoang, D.B. OSI RPC model and protocol 22357
Liu, Y., Itoh, T. Characterization of power-dependent high-T_c superconducting microstrip line by modified spectral domain method 1393
Liu, Y., Itoh, T. Characterization of nonlinear high-T_c Superconducting microstrip line by modified spectral domain method 10393
Liu, Y., Lee, Y.-C., Chen, H.-H., Sun, G.-Z. Adaptive template method for speech recognition 4486
Liu, Y., Shimomura, S., Sano, N., Gamo, K., Adachi, A., Hiyamizu, S. Improved GaAs/AlAs multilayer structures grown by MBE on patterned GaAs (100) substrates with ridges along the [001]direction 19372
Liu, Y., Urai, H., Ishii, S. X-ray radiation and design of target in e-beam bombarded X-ray sources 7316
Liu, Y. *see* Akansu, A.N. 21717
Liu, Y. *see* Avery, R.E. 7257
Liu, Y. *see* Avery, R.E. 7258
Liu, Y. *see* Bristow, J. 7532
Liu, Y. *see* Ding, J. 28391
Liu, Y. *see* Kim, J.O. 14929
Liu, Y. *see* Li, A. 6035
Liu, Y. *see* Lu, S. 25491
Liu, Y. *see* Ning, Y.N. 46476
Liu, Y. *see* Pawlowski, J. 15746
Liu, Y. *see* Rahman, B.M.A. 20795
Liu, Y.-J., Wallace, M., Ketchum, J.W. A soft-output bidirectional decision feedback equalization technique for TDMA cellular ratio 5766
Liu, Y.-J. *see* Zhang, Z. 5817
Liu, Y.-J. *see* Zhang, Z. 22349
Liu, Y.L., Liu, E.K., Zhang, S.L., Li, G.Z., Luo, J.S. Silicon 1×2 digital optical switch using plasma dispersion 28505
Liu, Yu.L., Reiderer, S.J., Rossman, P.J., Grimm, R.C., Debbins, J.P., Ehman, R.L. A monitoring, feedback, and triggering system for reproducible breath-hold MR imaging 47044
Liu, Y.W. *see* Mei, K.K. 12546
Liu, Z., Eastham, A.R., Dawson, G.E. A novel finite element method for moving conductor eddy current problems 44245
Liu, Z., Gelinas, M.P., Coombe, R.D. II-VI compound thin-film deposition by resonant laser sputtering 41437
Liu, Z., Towsley, D. Effects of service disciplines in G/GI/s queueing systems 26277
Liu, Z. *see* Altman, E. 45348
Liu, Z. *see* Cheng, Z. 3989
Liu, Z. *see* Cheng, Z. 3997
Liu, Z. *see* Rosenbaum, E. 34622
Liu, Z. *see* Zhou, M. 29676
Liu, Z.-S. On-line parameter identification algorithms based on Householder transformation 13219
Liu, Z.H. *see* Ma, Z.J. 42990
Liu, Z.J., Howe, D., Mellor, P.H., Jenkins, M.K. Thermal analysis of permanent magnet machines 8278
Liu, Z.T. *see* Zhang, G.F. 9723

Liu Ai-Qin, Xu Shang-Ping, Zhu Hong-Wei A dynamic vision processing system based on digital signal processor A110 5026
Liu Baiyong *see* Huang Meiqian 19857
Liu Bao *see* Bao Liu
Liu Baohong *see* Liu Shutang 41548
Liu Biing-Der *see* Biing-Der Liu
Liu Bo, Shen Zhekang, Li Zhiyong, Sun Zhongkang New method of detecting moving dim point targets in image sequences 29843
Liu Bo *see* Deng Xing-Zhong 46432
Liu Chang-Huan *see* Chang-Huan Liu
Liu Changshi, Zhao Yungfu ^{60}Co-induced structure changes in reinforced and unreinforced Si-SiO_2 10763
Liu Chao, Kuhnell, B.T. Dealing with uncertainty and fuzzy control of PCSEX 31107
Liu Chen *see* Chen Liu
Liu Chen-Ching *see* Chen-Ching Liu
Liu Chengze, Hu Yingjiang, Cai Ticheng, Zhong Baohua, Ren Bo, Wu Shundi, Wang Mingyi, Zhang Huiming, Shu Peicai Experimental investigations of a coal-fired MHD combustor 25740
Liu Chi-Min *see* Chi-Min Liu
Liu Chia-Liang *see* Chia-Liang Liu
Liu Chih-Wen *see* Chih-Wen Liu
Liu Chiu *see* Chiu Liu
Liu Chong, Li Zhu, Chen Jia-Bi 2D-SROP-1 optical profiler for surface roughness measurement 31417
Liu Chong *see* Li Bin 31453
Liu Chong *see* Chong Liu
Liu Chuan-Shen *see* Chuan-Shen Liu
Liu Chuanbo, Ding Ziaohong, Mei Jianping The corrosion behavior of $Cr_{25}Al_5$ metallic electrode material used for MHD power generator 25804
Liu Chun-Chang *see* Chun-Chang Liu
Liu Chun-Yeh *see* Chun-Yeh Liu
Liu Chung-Chiun *see* Chung-Chiun Liu
Liu Cunfu *see* Jiang Shan 47007
Liu De-Ming, Huang De-Xiu, Nie Gang New-type polarization controller used in fiber-optic current sensing system 38524
Liu Der-Cherng *see* Der-Cherng Liu
Liu Dong *see* Tu Demin 11343
Liu Dong-Lai *see* Dong-Lai Liu
Liu Enke *see* Liu Yuliang 3149
Liu Fangning *see* Mi Linshu 32415
Liu Fu-Wen *see* Fu-Wen Liu
Liu Fuyi *see* Li Shengtao 10521
Liu Fuyi *see* Song Xiaolan 10520
Liu Gengquan, Wang Shuhe, Xiao Guolong Frequency assignment and graph coloring 46160
Liu Guang-Hui, Peng Ji-Ming The convergence properties of a sort of nonmonotonic algorithms 41119
Liu Guangyi *see* Li Xiaofeng 7738
Liu Gui-Chuan *see* Gui-Chuan Liu
Liu Guo-Zhi, Liu Nai-Quan, Xie Xi, Qiu Al-Ci, Fan Ya-Jun, Zhang Jia-Sheng Study on the magnetic compression of intense relativistic electron beams under a converging magnetic guide field 44254
Liu Guo-Zhi, Qiu Al-Ci, Zhang Jia-Sheng, Liu Nai-Quan, Xie Xi Experimental study on the uniformity of large area intense relativistic electron beams 44255
Liu Guoliang *see* He Ping 5838
Liu Guoqing *see* Pi Yiming 14681
Liu Hai Feng *see* Hai Feng Liu
Liu Han-ying, Gu Wen-qui, Lawes, R.A. The improvement of WEDM deflector and optimum beam current in EBLS 28004
Liu Hanyu *see* Hanyu Liu
Liu Hong *see* Hong Liu
Liu Hongfei *see* Hongfei Liu
Liu Hongjian, Du Jiangchuan, Xian Wu, Hall, E.L. Approach for description and recognition of arbitrary curves based on segment code 30019
Liu Hongwei *see* Ning Jiping 12046
Liu Hu-Chun *see* Ma He 46606
Liu Hua *see* Qiu Peihua 12319
Liu Hua-Kuang *see* Hua-Kuang Liu
Liu Hua-Yu *see* Hua-Yu Liu
Liu Huanzhang *see* Wang Chun 16139
Liu Huimin *see* Huimin Liu
Liu Hwei-Yuan *see* Hwei-Yuan Liu
Liu Ingdar *see* Ingdar Liu
Liu Jang *see* Jang Liu
Liu Jaw-Jueh *see* Jaw-Jueh Liu
Liu Ji-Chyun *see* Ji-Chyun Liu
Liu Jialu *see* Zhang Tingqing 42660
Liu Jialu *see* Zhou Guanshan 35580
Liu Jian *see* You Suya 22102
Liu Jian *see* You Suya 36800
Liu Jian-Cheng *see* Yuan Chang-Liang 31451
Liu Jian-Yu *see* Jian-Yu Liu
Liu Jian-Zhong *see* She Yue-E 46352
Liu Jiang *see* Jiang Liu
Liu Jianlin *see* Jiang Ruolian 34560
Liu Jianmin Research on design for high temperature section of the intermediate temperature oxygen-enriched air heat exchanger of MHD 25815
Liu Jianping *see* Yu Huaizhi 41390
Liu Jianqin *see* Zheng Nanning 29986
Liu Jianqin *see* Jianqin Liu
Liu Jianshe *see* Jianshe Liu
Liu Jianyin *see* Jianyin Liu
Liu Jie *see* Fang Kui 18062
Liu Jiming *see* Jiming Liu
Liu Jin *see* Jin Liu
Liu Jingbao *see* Jingbao Liu
Liu Jinli, Zhang Ling An application study of rainfall measurement with combined active-passive microwave remote sensing 7622
Liu Jinn-Liang *see* Jinn-Liang Liu
Liu Jizhou, Wang Chuanmin, Wang Xuezhong, Chen Chenjia Magneto-optical switch effect in semimagnetic semiconductor $Cd_{1-x}Mn_xTe$ 11708
Liu Jun, Shen Xiaofan, Fang Chunming An introduction to a microprocessor-based stability control device using local criteria [power systems] 32304
Liu Jun *see* Soong Boon Hee 13381
Liu Jun *see* Jun Liu
Liu Junxian *see* Junxian Liu
Liu Kai *see* Kai Liu
Liu Ke *see* Ke Liu
Liu Kou-Chen *see* Kou-Chen Liu
Liu Kuo-Shung *see* Kuo-Shung Liu
Liu Kuo-Wei *see* Kuo-Wei Liu
Liu Kwang-Ting *see* Kwang-Ting Liu
Liu Le-Shan, Chen Chun-Ming, Lei Yu Microcomputer-aided liquid level automatic monitoring and measuring system 31510
Liu Lei Jian *see* Lei Jian Liu
Liu Li *see* Li Liu
Liu Lifeng *see* Lifeng Liu
Liu Lin, Jahnel, L. The dynamic aperture of the LNLS UVX2 electron storage ring 7033
Liu Lin, Jahnel, L., Tavares, P. The LNLS UVX2 soft X-ray source 15684
Liu Liqun *see* Chen Guoliang 35277
Liu Liren *see* Liren Liu
Liu Litian *see* Sun Xiqing 25476
Liu Lon-Mu *see* Lon-Mu Liu
Liu Lung-Tien *see* Lung-Tien Liu
Liu Lurng-Kuo *see* Lurng-Kuo Liu
Liu Maoheng *see* Li Wenxing 12778
Liu Mingguo *see* Hou Wenbo 9501
Liu Mulan *see* Mulan Liu
Liu Nai-Quan *see* Liu Guo-Zhi 44254
Liu Nai-Quan *see* Liu Guo-Zhi 44255
Liu Ning *see* Ning Liu
Liu Pao-Lo *see* Pao-Lo Liu
Liu Pei, Chen Deshu, Malik, O.P. Development and field experience with the WXB-41 digital distance relay with accelerated trip for faults in the second zone of a transmission line 39665
Liu Pei *see* Xiao Donghui 16472
Liu Ping *see* Ping Liu
Liu Pu *see* Pu Liu
Liu Qi-Yuan, Li Zhi-Min, Shen Li-Ren, Li Sha-Bai, Zhou Yan-Yun, Jin Guo-Wei, Chen Hong-Zhi, Li Shun-Cheng, Liu Shen-Qian, Li Shun-Cheng GDS-1000 general portable digital seismic observation system 47224
Liu Qiang *see* Xiang Jingcheng 14678
Liu Qing-Xiang *see* Qing-Xiang Liu
Liu Rangjiao *see* Rangjiao Liu
Liu Ruiyu A new approach to power flow calculation method 32339
Liu Shan-liang *see* Shan-liang Liu
Liu Shangqian, Zhao Furong, Yang Yihe, Li Zelan Near infrared staring angle-measuring instrument 15087
Liu Shangqing *see* Shangqing Liu
Liu Shen-Qian *see* Liu Qi-Yuan 47224
Liu Sheng-Gang Kinetic theory of ECRM with axial deviation 35641
Liu Sheng-Gang *see* Sheng-Gang Liu
Liu Shenggang *see* Peng Liangfu 12266
Liu Shenggang *see* Shenggang Liu
Liu Shi *see* Shi Liu
Liu Shiyong *see* Ma Yuguang 28480
Liu Shudong *see* Chen Yu 6924
Liu Shutang, Liu Baohong, Tian Huisheng The optimal design of the baseband forming network with the raised cosine roll-off 41548
Liu Shutian *see* Si Jinhai 28999
Liu Sien-Chang *see* Sien-Chang Liu
Liu Songhao *see* Mei Yambiao 29068
Liu Su *see* Jiao Tie-Min 46295
Liu Tao *see* Zhuang Wanru 28668
Liu Tian-Hua *see* Tian-Hua Liu
Liu Tongyu *see* Tongyu Liu
Liu Tsann-Shyong *see* Tsann-Shyong Liu
Liu Wansheng *see* Lu Yaxuan 25803
Liu Wansheng *see* Sun Jiahua 25801
Liu Wansheng *see* Zhou Bo 25802
Liu Wei, Wang Qun, Sun, X.K., Zhao Xin-Guo, Zhao Tong, Zhang Zhi-Dong, Chuang, Y.C. Metastable Sm-Fe-N magnets prepared by mechanical alloying 43260
Liu Wei *see* Wei Liu
Liu Wei-Min *see* Wu Jin-Lei 10609
Liu Weidong, Luo Enze A theoretical study on field emission diodes 42355
Liu Weimin *see* Zhan Yuanling 21115
Liu Weiren *see* Weiren Liu
Liu Wen-Chau *see* Wen-Chau Liu
Liu Wen-Jung *see* Wen-Jung Liu
Liu Wuming *see* Wang Heng 31496
Liu Xiande *see* Chen Rujun 16094
Liu Xiang-Na *see* He Yu-Liang 26501
Liu Xiang-Yang *see* Zang Yan-Fen 31449
Liu Xiang-Yang *see* Zang Yan-Fen 31467
Liu Xianhan *see* Xianhan Liu
Liu Xianming *see* Xianming Liu
Liu Xiao-Lian *see* Liu Xin-Xiong 38686
Liu Xiaoben *see* Xiaoben Liu
Liu Xiaodong, Deng Peizheng, Hu Bing, Zhang Shunxing, Xu Jun Vertical Bridgman growth of Cr^{3+}:LiCaAlF$_6$ [for solid-state lasers] 18129
Liu Xiaohua *see* Wu Guoying 27790
Liu Xin-Xiong, Liu Xiao-Lian, Chen Er-Chang, Yang Qing-Hao On line measurement and error compensation of pillar blade shaped curves in CNC belt grinding 38686
Liu Xin-Zhan *see* He Zhen 31439
Liu Xing-Wu *see* Zhang Zhi-Chuan 23455
Liu Xingqin, Chen Chunhua, Xu Wendong, Shen Yusheng, Meng Guangyao Study on SnO_2-Fe_2O_3 gas-sensing system by a.c. impedance technique 15106
Liu Xinsheng *see* Chen Mingli 7604
Liu Xu *see* Xu Liu
Liu Xuefeng *see* Xuefeng Liu
Liu Xuezhong *see* Tu Demin 16335
Liu Yafang, Wang Qiping Analysis of arc-quenching properties and mechanisms of SF_6/N_2 gas mixtures 11351
Liu Yan *see* Zou Jian 31244
Liu Yan-Bin Approach to on-line monitoring for generator set 25389
Liu Yan-Bing, Li Hong-Bin, Zhang Wei-Jun, Wang Yu, Xiang Qing Magneto-optic current transducer 31190
Liu Yan-Bing, Yang Yong-Hua Optical remote measurement of liquid level 38743
Liu Yan-Bing *see* Sun Yu 46462
Liu Yan-Ming *see* Yan-Ming Liu
Liu Yan-Quan *see* Yan-Quan Liu
Liu Yangqing *see* Yangqing Liu
Liu Yanzhu Dynamical analysis of spherical fluid-rotor gyroscope 24427
Liu Yaogang *see* Yaogang Liu
Liu Yaozhong *see* Yaozhong Liu
Liu Ye *see* Huang Yichuan 12043
Liu Ye *see* Qiu Zhi 12042
Liu Yi-Chang *see* Yi-Chang Liu
Liu Ying *see* Ying Liu
Liu Ying-Dong *see* Ying-Dong Liu
Liu Yong *see* Yong Liu
Liu Yonggui *see* Ling Genshen 12256
Liu Yonggui *see* Ling Genshen 20922
Liu Youheng *see* Zhu Mingkang 5837
Liu Youngkuan *see* Yu Changtai 11011
Liu Yow-Jong *see* Yow-Jong Liu
Liu Yu *see* Yu Liu
Liu Yu-Ying *see* Zheng Le-Ping 6166
Liu Yuan-Chen *see* Yuan-Chen Liu
Liu YuanQun *see* YuanQun Liu
Liu Yuen-Sum *see* Yuen-Sum Liu
Liu Yuliang, Liu Enke, Liu Zhiming, Luo Jinsheng Analysis of crossing waveguide structure constructed by large single-mode rib semiconductor waveguides 3149
Liu Yun *see* Yun Liu
Liu Yun-Peng, Luo Enze Space charge of field emission triode 42359
Liu Yunqi *see* Yunqi Liu
Liu Yupu, Zhang Yingkua, Lu Peihua Experimental study of CW tunable Ti-sapphire laser 3476
Liu Yupu *see* Cheng Ruihua 20690
Liu Yupu *see* He Huijuan 21031
Liu Yupu *see* Xiao Gangyao 12031
Liu Yupu *see* Xiao Gangyao 20392
Liu Yuyan *see* Yuyan Liu
Liu Zemin *see* Yang Dali 10309
Liu Zeng-Zhong *see* Zeng-Zhong Liu
Liu Zengji *see* Du Guangdong 13854
Liu Zengji *see* Lin Sheng 45517
Liu Zhanping Shape vision theory and its applications 13737
Liu Zheng, Menyuk, C.R., Carter, G.M. A realistic model for actively modelocked semiconductor lasers 43931
Liu Zheng *see* Zhang Wen-Jun 31117
Liu Zhengyuan *see* Li Qihu 29689
Liu Zhi-shen *see* Ma Jun 24511
Liu Zhi-Shen *see* Wu Dong 4991
Liu Zhi-Ying *see* Chen Wen-Yi 31136
Liu Zhihui *see* Zhihui Liu
Liu Zhikai *see* Huang Dading 26442
Liu Zhiming *see* Liu Yuliang 3149
Liu Zhiyong *see* Cao Zhigang 21642
Liu Zhuan *see* Zhuan Liu
Liu Zhuo *see* Cao Quanxi 16488
Liu Zhuo *see* Guo Zhizhong 16142
Liu Zhuo *see* Pan Yi 47348
Liu Zhuo *see* Wang Xianrong 47382
Liu Zhuo *see* Yu Jilai 24780
Liuchen Chang Recent developments of electric vehicles and their propulsion systems 40572
Liukkonen, E. *see* Gustafsson, J. 6980
Liukkonen, E. *see* Gustafsson, J. 46790
Liuping Song *see* Song Liuping
Liuzzo, J. *see* Tao, J. 17608
Livan, M. RD1-scintillating fibre calorimetry 31750
Livas, J.C., Alexander, S.B., Kintzer, E.S., Swanson, E.A., Paul, T.J. Gbps-class optical communications systems for free-space applications 6049
Livas, J.C. *see* Castagnozzi, D.M. 30724

Livas, J.C. *see* Swanson, E.A. 45997
Livay, A. *see* Woods, L.A. 22525
Lively, B.L. *see* Wattenbarger, B.L. 21666
Livengood, C.D., Markussen, J.M. FG technologies for combined control of SO_2 and NO_x 39925
Liver, B. Computer aided construction: utility and problem solving methods 22376
Livermore, R. Attack testing new vehicles 25927
Livesay, W.R. Large-area electron-beam source 27904
Livesay, W.R., Rubiales, A.L., Ross, M., Woods, S., Campbell, S. Electron beam hardening of photoresist 11002
Livescu, G. *see* Chirovsky, L.M.F. 20491
Livezey, D.L. *see* Beranek, M.W. 23683
Livingstone, C. *see* Ramsay, B. 32104
Livingstone, C.E. *see* Touzi, R. 38158
Livingstone, F.R., King, L., Beraldin, J.-A., Rioux, M. Development of a real-time laser scanning system for object recognition, inspection, and robot control 36088
Livreri, P. *see* Capponi, G. 18507
Livshits, L.N. *see* Berlin, A.N. 14340
Liwa Wang, Chin-Tu Chen, Wei-Chung Lin An efficient algorithm to compute the complete set of discrete Gabor coefficients 36775
Liwei Zhou *see* Zhou Liwei
Liwen Huang *see* Huang Liwen
Liwu Lu *see* Lu Liwu
Lixia Zhang *see* Cocchi, R. 45535
Lixiang Yuan *see* Yuan Lixiang
Lixin Xu *see* Xu Lixin
Lixue Chen *see* Shifu Yuan 5041
Lixue Chen *see* Shifu Yuan 26165
Lixue Chen *see* Shifu Yuan 43594
Lixun Zou *see* Zou Lixun
Liyanage, R., Cooray, N., Navabi, Z. VHDL for digital design and simulation 26562
Liyanage, R. *see* Navabi, Z. 18573
Liyin Chen *see* Chen Liyin
Liyue Mu *see* Donaldson, W.R. 28636
Liz, E.B. *see* Stachle, S.S. 18282
Lizhong Sun, Gar Lam Yip Analysis of metal-clad optical waveguide polarizers by the vector beam propagation method 43474
Lizhong Zhu, Linne'r, L.J.P. Mixed lumped and distributed network applied to superconducting thin-film broadband impedance transforming 28412
Lizzul, C. *see* Li, L. 41500
Ljalinov, M.A. Boundary-contact problems in electromagnetic scattering 4092
Ljokelsoy, K. *see* Hernes, M. 48313
Ljubicic, A., Jr. *see* Bachler, J. 46915
Ljubicic, A., Jr. *see* Bachler, J. 46934
Ljubicic, A., Jr. *see* Baechler, J. 46909
Ljubicic, A., Jr. *see* Braem, A. 46902
Ljubicic, A., Jr. *see* Di Mauro, A. 46917
Ljubicic, A., Jr. *see* DiMauro, A. 31744
Ljubicic, A., Jr. *see* DiMauro, A. 46939
Ljubicic, B., Willson, W., Bukurov, Z., Cvijanovic, P., Stajner, K., Popovic, R. Coal-water fuels-a clean coal solution for Eastern Europe 39945
Ljung, L., Sjoberg, J. A comment on 'leakage' in adaptive algorithms 4690
Ljung, S.P.O., Backstrom, M.G., Wahlgren, B.I. Surface current computation on a sphere utilizing the FDTD algorithm 44413
Ljungberg, K., Soderbarg, A., Bengtsson, S., Jauhiainen, A. Characterization of spontaneously bonded hydrophobic silicon surfaces 34769
Ljungberg, M. *see* Hademenos, G.J. 15755
Ljungqvist, R. *see* de Silva, J.R. 47467
Ljuslin, C. *see* Christiansen, J. 24096
Ll, J.L.Sanchez *see* Sanchez Ll, J.L.
Llanwyn Jones, D. *see* Burke, C.P. 4133
Llebaria, A. *see* Debray, B. 29819
Lleres, A. *see* Benchekroun, D. 7218
Llevada, F., Li, T.P.L., Thornton, J. HAST/SEM-D reliability test vehicle for environmentally protected chip-on-board packaging subsystems 9281
Llewellyn, J.P. *see* Lewis, T.J. 35152
Llic, R. *see* Kristof, E. 39825
Llinares, C. *see* Mbow, B. 3308
Llinares, C. *see* Mbow, B. 46429
Llinares, C. *see* Perotin, M. 34695
Llopis, O. *see* Amine, H. 27297
Llorca, A.L., Guibelalde, E., Vano, E., Ruiz, M.J. Analysis of image quality parameters using a combination of an ANSI type phantom and the Leeds TOR (CDR) test object in simulations of simple examinations 24164
Lloris, A., Gomez, J.F., Roman, R. Using decision trees for the minimization of multiple-valued functions 10104
Lloris, A. *see* Ortega, J. 18587
Llory, M. *see* Dien, Y. 39692
Llovet, J., Martinez, R., Jaen, J.A. Linear recurring sequences for computing the resultant of multivariate polynomials 26337
Llovet, X., Ros, D., Pavia, J., Juvells, I. Correction of Compton scattering in SPECT imaging 31850
Lloyd, A. Exploiting the instrumentation amplifier 26726
Lloyd, A. Service and management aspects of B-ISDN systems 37589
Lloyd, E.L., Ramanathan, S. Efficient distributed algorithms for channel assignment in multihop radio networks 30611
Lloyd, G. *see* Bovio, D. 14142
Lloyd, J.E. *see* Zmuda, M.W. 3030
Lloyd, J.P. *see* Storey, J.W.V. 33259
Lloyd, J.R. *see* Mockl, U.E. 34829
Lloyd, M. *see* Waugh, A. 14240
Lloyd, M.S. *see* Calton, P. 16344
Lloyd, M.S. *see* Roberts, D.G. 16365
Lloyd, R.B. *see* Boisvert, D.M. 18911
Lloyd, S. *see* Roberts, G. 13842
Lloyd-Evans, J. *see* Beaman, J. 15641
Lo, B.S.K. *see* Ghafouri-Shiraz, H. 35450
Lo, B.S.K. *see* Ghafouri-Shiraz, H. 43879
Lo, C., Masry, E., Milstein, L.B. Design and analysis of a fast frequency-hopped DBPSK communication system. I. System description and hop timing tracking loop analysis 22763
Lo, C. *see* Xia, X.-G. 44836
Lo, C.-Y. *see* Su, S.-L. 19939
Lo, C.C., Li, G.P., Mulligan, J.H., Jr. An approximation to the factor K in the Toh-Ko-Meyer MOS engineering model 42969
Lo, C.N., Mohan, S., Wolff, R.S. Performance modeling and simulation of data management for personal communications applications 37784
Lo, C.W. *see* Shuh, D.K. 34697
Lo, D.C. *see* Lai, R. 27284
Lo, D.C.W., Lai, R., Wang, H., Tan, K.L., Dia, R.M., Streit, D.C., Liu, P.-H., Velebir, J., Allen, B., Berenz, J. A high-performance monolithic Q-band InP-based HEMT low-noise amplifier 1638
Lo, E.K. *see* Mannan, S.H. 1738
Lo, J.C. *see* Rao, T.R.N. 21516
Lo, J.O.Y., Konrad, A., Coulomb, J.L., Sabonnadiere, J.C. Microstrip discontinuity analysis by time domain finite elements 41207
Lo, K.-T., Cham, W.-K. Subcodebook searching algorithm for efficient VQ encoding of images 4799
Lo, K.L., Nashid, I. Expert systems and their application to power systems. 3. Examples of application 7749
Lo, K.L., Zhu, S.P. A theory for pricing wheeled power 39516
Lo, K.L. *see* Chen, X.P. 7758
Lo, K.L. *see* Cockburn, D. 24916
Lo, K.L. *see* McDonald, J.R. 32285
Lo, K.L. *see* McDonald, J.R. 32286
Lo, K.L. *see* Zhu, S.P. 7802
Lo, K.M., Bassett, I.M. Optical fibres with water side pit 38545
Lo, K.W., Chang, P.R., Yang, W.H., Chan, K.K. Comments on a "A neural network approach to MVDR beamforming problem" 29401
Lo, K.W., Tam, W.Y., Ng, S.K. Computer simulation study of electronically steerable spherical-circular microstrip antenna array for mobile satellite applications 12773
Lo, N.W.K. *see* Falconer, D.D. 5822
Lo, P.A. *see* Shirley, L.G. 44171
Lo, R.H.Y. *see* Nguyen, L.T. 40957
Lo, S.-C.B. *see* Krasner, B. 31856
Lo, S.H., Lee, C.K. Generation of gradation meshes by the background grid technique 33568
Lo, S.H. *see* Juang, B.H. 44803
Lo, T. *see* Fowler, C. 45409
Lo, T. *see* Leung, H. 6104
Lo, T. *see* Wang, F. 21452
Lo, T.C., Huang, H.C. Anisotropic etching of deep trench for silicon monolithic microwave integrated circuit 19099
Lo, T.C. *see* Huang, H.C. 3174
Lo, V.H.Y. *see* Li, E.S.Y. 9320
Lo, W., Samouelian, A. Application of speech recognition technology for telecommunication services 13941
Lo, W.-T., Tzuang, C.-K.C. A new full-wave integral equation method for the analysis of coplanar strip circuit using the mixed-potentials eigenfunction expansion technique 1416
Lo, W.-T., Tzuang, C.-K.C., Peng, S.-T., Chang, C.-C., Huang, J.-W., Tien, C.-C. Resonant phenomena in conductor-backed coplanar waveguide (CBCPW) 1387
Lo, W.J. *see* Rajagopalan, S. 34789
Lo, Y.C. *see* Hseih, B.-C. 2686
Lo, Y.H. *see* Tsai, C.Y. 20806
Lo, Y.T., Lee, S.W. *(editors)* Antenna handbook. Vol.1. Antenna fundamentals and mathematical techniques 26073
Lo, Y.T., Lee, S.W. *(editors)* Antenna handbook. Vol.II. Antenna theory 26074
Lo, Y.T., Lee, S.W. *(editors)* Antenna handbook. Vol.III. Antenna applications 26075
Lo, Y.T., Lee, S.W. *(editors)* Antenna handbook. Vol.IV. Related topics 26076
Lo Chingshyang *see* Chingshyang Lo
Lo Forti, S. *see* Picciolo, G. 25980
Lo Galbo, P., Benedicto, J., Viola, R. ESA personal communications and digital audio broadcasting systems based on non-geostationary satellites 37904
Lo Gatto, E., Perucca, M. Authority maps utilization for urban microcellular coverage 37870
Lo Kuie-Lin *see* Kuie-Lin Lo
Lo Kwok-Tung *see* Kwok-Tung Lo
Lo Nigro, F., Ponzano, G.P., Zerbini, F. Repowering and revamping optimization using computer simulation techniques [thermal power plants] 47723
Lo Piparo, G., Mazzeti, C. The earth termination system for impulse current. The reduction of the risk of damage to people and installations 16468
Lo Presti, M., Pagni, A., Poluzzi, R., Rizzotto, G.G. An integrated development system for a fuzzy control process 10187
Lo Tetiana *see* Tetiana Lo
Lo Wen-Teng *see* Wen-Teng Lo
Lo-Hive, J.-P. *see* Geneves, G. 46565
Lo-Soun Su *see* Radke, C.E. 9254
Loader, P. *see* Sara, L. 37295
Lobanov, A.A. *see* Babkina, T.V. 20505
Lobanov, A.A. *see* Babkina, T.V. 28580
Lobanov, N.R. *see* Glazkov, A.A. 15592
Lobanova, M.V. *see* Arsayev, I.Ye. 44574
Lobastov, V.A. *see* Bagratashvili, V.N. 21024
Lobb, D.E. Methods of reducing the azimuthal momentum created during axial injection into a strong axial field 15678
Lobelle, M. *see* Zihang, R. 45368
Lobert, J.-P. *see* Dersen, H. 22749
Lobko, A.S. *see* Kachanov, V.A. 7163
Lobkowicz, F. *see* Fanourakis, G.K. 24011
Lobley, N.C. *see* Chia, S.T.S. 37762
Lobnig, R. *see* Frankenthal, R.P. 1690
Lobo, I., Lorenzo, S., del Valle, I., Camara, J.M. T-model based algorithm for a non-saturable and insensitive to 'TR' changes control in induction drives 8826
Lobo, M. *see* Bhattacharya, S. 11163
Lobo, M. *see* Sultan, A. 2024
Lobo, M. *see* Sultan, A. 19519
Loboda, M.J., Ferber, M.K. Characterization of the mechanical properties of a-SiC:H films 1859
Loboda, M.J., Seifferly, J.A., Dall, F.C. Plasma-enhanced chemical vapor deposition of a-SiC:H films from organosilicon precursors 26504
Loboda, M.J. *see* Steckl, A.J. 18243
Loboda, P.A., Lykov, V.A., Popova, V.V. Line shapes for the n=5 to n=3,4 transitions of lithium-like ions for laboratory X-ray lasers 3456
Lobos, T., Ruczewski, P., Szymanda, J.M. Digital calculation of the fundamental sinewave of signals using methods constrained in frequency domain 13421
Lobos, T. *see* Cichocki, A.J. 13441
Lobos, T. *see* Eichhorn, K.Fr. 7859
Lobov, B.N. *see* Shchuchinskii, S.Kh. 4015
Lobov, S.I. *see* Aleksandrovich, K.V. 6981
Lobry, J., Broche, C. Exploitation of the geometrical symmetry in the boundary element method with the group representation theory 44204
Lobyntsev, V.A. *see* Ponomarev-Stepnoi, N.N. 7549
Loc Le Tan *see* Tan Loc Le
Locascio, J.J., Cho, W. A new PWM controller IC for battery powered systems 26709
Locascio, J.J., Cho, W. New controllers for battery systems increase systems efficiency 41667
Locati, F.S. *see* Iannone, E. 23029
Locci, N., Marongiu, I., Perfetto, A., Serri, A. Electronic control of a linear reluctance motor 8884
Locci, N. *see* Arri, E. 46595
Loch, M., Kossat, R., Ruegenberg, G., Boscher, G. Intelligent LID systems in the multi-fiber technology 14588
Loch, M., Kossat, R., Ruegenberg, G., Boscher, G. Intelligent LID systems in the multi-fiber technology 38027
Loch, P. First results of detailed simulations of the electron- and pion signals in a liquid argon/tungsten tube calorimeter for GEM 31701
Lochel, B., Maciossek, A., Konig, M., Quenzer, H.J., Huber, H.-L. Galvanoplated 3D structures for micro systems 33672
Lochel, B. *see* Webster, M.N. 27257
Lochen, M. *see* le Bart, M. 25606
Locher, F. A stability test for real polynomials 26345
Lochmann, S., Labs, J.-M., Sharma, A.B. Accurate physical fusion taper shape model for waveguide analyses 2950
Lochmann, S. *see* O'Farrell, T. 30723
Lochtie, G.D. Frequency channel assignment using artificial neural networks 5798
Lock, K.S. *see* Ng, T.K. 25532
Lockard, G.E. *see* Jani, M.G. 3490
Locke, P.A. *see* Schoen, D.C. 37927
Lockerbie, I., Kumar, S. A broadband tunable combline filter using active devices 27187
Lockett, R. *see* Purdy, D.R. 43597
Lockhart, G.B. *see* Al-Ahmad, H. 18864
Lockman, W. *see* O'Shaughnessy, K. 47008
Lockwood, G.R., Foster, F.S. A coupled two-port network transducer model 16049
Lockwood, G.R. *see* Foster, F.S. 15704
Lockwood, G.R. *see* Ryan, L.K. 7408
Lockwood, J. *see* Schonfelder, V. 7146
Lockwood, L.W. DirecTv—a digital DBS 38208
Lockwood, M.L. *see* McDowell, G.W.A. 47948
Lockwood, P. *see* Blanchet, M. 13124
Lockwood, R.J. *see* Olson, T.J. 30040

Lockwood, S., Zhengxin Chen Modeling experts' decision-making using knowledge charts 46194
Lockwood, S.J., Schwartz, R.W., Tuttle, B.A., Thomas, E.V. Solution chemistry optimization of sol-gel processed PZT thin films 28311
Lockwood, S.J. *see* Schwartz, R.W. 28308
Lockwood, S.P. *see* Fecho, T.R. 32375
Lockyer, N. *see* Britton, C.L., Jr. 46993
Lodde, G. *see* Ladage, L. 35055
Lodder, J.C. *see* te Lintelo, J.G.Th. 43251
Lodenkamper, R., Bortz, M.L., Fejer, M.M., Bacher, K., Harris, J.S., Jr. Surface-emitting second-harmonic generation in a semiconductor vertical resonator 12381
Lodewijckx, M. *see* Wevers, M. 18370
Lodge, J.H., Young, R.J. Separable concatenated codes with iterative map decoding for Rician fading channels 36528
Lodge, J.H. *see* Chen, X. 22916
Lodge, K. *see* Murphy, N. 40994
Lodge, N.K. The European 'Audetel' system for transmitting spoken commentaries to TV programs for visually impaired persons 31989
Lodha, N.K., Satyanarayana, R., Sen, S.K., Menghnani, G.D. Experience with computer systems at NAPP 8077
Lodi, G. *see* Baudo, G. 48252
Lods, J., Cordier, P. Urbicom: 23 and 38 GHz digital microwave system 45777
Lodwig, S.G. Economic design of substation ground grids 32480
Loe, R.S., Jung, K., Anderson, K., Shen, S., Lawton, W. Wavelet band features 13376
Loechelt, G.H., Tam, G., Steele, J.W., Knoch, L.K., Klein, K.M., Watanabe, J.K., Christiansen, J.W. Measurement and modelling of boron diffusion in Si and strained $Si_{1-x}Ge_x$ epitaxial layers during rapid thermal annealing 19515
Loeffler, C.E. Networked virtual reality: applications for industry, education, and entertainment 5316
Loeffler, C.E. Distributed virtual reality: applications for education, entertainment and industry 37425
Loeliger, H.-A. *see* Davis, R.C. 21634
Loesch, M. *see* Dutronc, P. 6641
Loesch, M. *see* Dutronc, P. 6656
Loew, G. *see* Pellegrini, C. 44002
Loew, G.A. *see* Ruth, R.D. 46776
Loew, H.-J. *see* Nunes, P.C. 5516
Loew, M. *see* Berkovich, S. 13654
Loew, M.H. *see* Anderson, M.P. 36583
Loew, M.H. *see* Ya-Qin Zhang 36460
Loewenhardt, P.K., Blackwell, B.D., Beichao Zhang A simple miniature magnetic probe with inherent electrostatic rejection [for plasma diagnostics] 14997
Loewenstein, L.M. *see* Barna, G.G. 27711
Loewenstein, L.M. *see* Bowling, R.A. 27712
Loewenstein, L.M. *see* Stefani, J.A. 11040
Loewenstein, M. *see* Podolski, J. 7603
Loferski, J.J. *see* Jain, S.C. 34548
Loffler, F. *see* Balewski, K. 46775
Loffler, J. *see* Bronnimann, C. 46805
Loffler-Peters, A. *see* Muller, J. 14925
Lofgren, L.M., Vendik, O.G. Analytic formulae for attenuation and phase velocity of high-T_c coplanar transmission lines 29249
Lofgren, M. *see* Gal'chenko, S.A. 27172
Lofgren, M. *see* Kuznetsov, V.V. 27171
Lofnes, T. *see* Bergmark, T. 31594
Lofstedt, B. *see* Dell'Acqua, A. 7283
Lofstedt, B. *see* Dell'Acqua, A. 46998
Loftus, B. *see* Deju, H. 1744
Loftus, C.W., Pugh, D.R., Sherratt, E. An investigation into the feasibility of operating PCTE over ISDN-based wide-area networks 37551
Loftus, C.W. *see* Pierce, R.H. 37231
Loftus, P., Shepherd, R., Stringfellow, K. Surface mounted sensors for gas turbine R&D 7525
Logachov, P.V. *see* Aleksandrov, A.V. 7142
Logachov, P.V. *see* Aleksandrov, A.V. 31655
Logachov, P.V. *see* Aleksandrov, A.V. 38805
Logan, E.A. *see* Patel, A. 28341
Logan, G.T. Modular avionics systems architecture (MASA) test and diagnostics 24417
Logan, J.C. *see* Deneris, C.A. 44558
Logan, J.S. *see* Holber, W.M. 10979
Logan, M.N. *see* Brinker, C.J. 11389
Logan, P. The benefits of a manufacturing software framework 34443
Logan, R. *see* Dutta, N.K. 3644
Logan, R. *see* Yao, X.S. 6062
Logan, R.A., Lee, B.-T., Karlicek, R.F., Chu, S.N.G. Buried heterostructure lasers based on InGaAsP/InP 35810
Logan, R.A. *see* Chen, Y.K. 28487
Logan, R.A. *see* Choa, F.S. 3134
Logan, R.A. *see* Chu, S.N.G. 18288
Logan, R.A. *see* Levi, A.F.J. 3594
Logan, R.A. *see* Ouacha, A. 19784
Logan, R.A. *see* Quacha, A. 19773
Logan, R.A. *see* Slusher, R.E. 3620
Logan, R.A. *see* Temkin, H. 3591
Logan, R.A. *see* Tsang, W.T. 20801
Logan, R.T., Jr., Lutes, G.F. High stability microwave fiber optic systems: demonstrations and applications 23051
Logan, R.T., Jr., Maleki, L. Ultrastable microwave and millimeter wave photonic oscillators 19056
Logan, R.T., Jr. *see* Shadaram, M. 10432
Logatchev, P.V. *see* Novokhatski, A.V. 38820
Logdlund, M. *see* Kowalczyk, S.P. 41484
Logette, P. *see* Goutin, P. 11712
Loggini, M. *see* Cavallini, A. 47341
Loginov, A.V. *see* Borynyak, L.A. 12436
Loginov, A.V. *see* Borynyak, L.A. 12439
Loginov, S.V. *see* Abdullin, E.N. 3429
Loginov, V.A. *see* Kirakosyants, V.Ye. 4139
Loginov, V.N. *see* Zykov, B.N. 11710
Logothetis, D., Trivedi, K. Reliability analysis of various station attachment schemes in a FDDI token ring 5493
Logothetis, E.M. *see* Rimai, L. 864
Logothetis, G. *see* Pemble, M.E. 26436
Logunov, M.V. *see* Randoshkin, V.V. 35229
Logvin, Yu.A., Volkov, V.M., Samson, A.M., Turovets, S.I. Complex propagation regimes of soliton-like light pulses in birefringent optical fibers 2983
Loh, H.T. *see* Khaw, H.C. 9294
Loh, J. *see* Lao, A. 22313
Loh, K.-H. *see* Bliss, W.G. 10272
Loh, M.H. *see* Lillo, W.E. 42115
Loh, P. *see* Jones, C. 26717
Loh, W.H., Grudinin, A.B., Payne, D.N. Optically controlled wavelength-adjustable passively modelocked erbium-doped fibre ring laser 43764
Loh, W.H., Morkel, P.R., Payne, D.N. Wavelength selection and tuning by optical control in a two-segment erbium-doped fiber laser 35755
Loh, W.K. Performance characteristics of soft-starters 8801
Loh, Y. *see* Wei, Y. 20001
Loh Wai Lung *see* Wai Lung Loh
Loh Wai-Lung *see* Wai-Lung Loh
Loha, P., Jha, A.K., Deshpande, S.G. Behaviour of crosslinked polyethylene insulation material under various conditions of thermal stress 16376
Lohmander, H. *see* Cronstrom, H. 31804
Lohmann, A.W. Concept and implementation of the fractional Fourier transform 20466
Lohmann, A.W., Ojeda-Castaneda, J. Computer generated holography: novel procedure 12441
Lohmann, A.W. *see* Dorsch, R.G. 36073
Lohmann, A.W. *see* Li, Y. 22711
Lohmann, D., Peise, J., Ahrens, J., Anthony, I., Arends, H.-J., Beck, R., Crawford, R., Hunger, A., Kaiser, K.H., Kellie, J.D., Klumper, C., Krahn, P., Kraus, A., Ludwig, U., Schumacher, M., Selke, O., Schmitz, M., Schneider, M., Wissmann, F., Wolf, S. Linearly polarized photons at MAMI (Mainz) 46810
Lohmann, K.D. *see* Buur, G. 7082
Lohmin Li *see* Li Lohmin
Lohner, T., Fried, M., Gyulai, J., Vedam, K., Nguyen, V.N., Hanekamp, L.J., van Silfhout, A. Ion-implantation-caused special damage profiles determined by spectroscopic ellipsometry in crystalline and in relaxed (annealed) amorphous silicon 2060
Lohneysen, H.Von *see* Von Lohneysen, H.
Lohofer, G. Magnetization and impedance of an inductively coupled metal sphere 21175
Lohr, W. *see* Bosse, H. 31209
Lohrmann, W. *see* Schlechtweg, M. 19143
Loiacono, D.N. *see* Loiacono, G.M. 21003
Loiacono, G.M., Stolzenberger, R.A., Loiacono, D.N. Modified $KTiOPO_4$ crystals for noncritical phase matching applications 21003
Loinger, F. *see* Almoznino, E. 13528
Loisel, B. *see* Bonnel, M. 19828
Loisel, B. *see* Bonnel, M. 28173
Loisel, B. *see* Bonnel, M. 42954
Loiselet, M. *see* Delbar, T. 46831
Loizides, W. *see* Warde, C. 38618
Loizos, Z., Mitsis, A., Spyrellis, N., Froment, M., Maurin, G. Cadmium chalcogenide semiconducting thin films prepared by electrodeposition from boiling aqueous electrolytes 791
Lojacono, R. *see* Cardarilli, G.C. 18879
Lojek, B. RA implant monitor: does it tell the truth? 2063
Lok, A. *see* Ghassemlooy, F. 30795
Lokbani, M.N., Boiteau, D. Applying statistic and connectionist methods to segmental post-processing of N best solutions 21702
Lokberg, O.J. *see* Ellingsrud, S. 14847
Lokberg, O.J. *see* Pedersen, H.M. 23945
Loken, S.C. *see* Greiman, W.H. 38921
Loken, S.C. *see* Johnston, W.E. 37467
Lokhande, C.D., Gadave, K.M. A simple chemical method for conversion of CdS into Ag_2S and CdSe into Ag_2Se 26470
Lokhande, C.D. *see* Bhosale, C.H. 42599
Lokhande, C.D. *see* Desai, J.D. 9680
Lokhnygin, V.D. *see* Bernard, J.E. 12083
Lokhoff, G.C.P., van der Plas, P.A. New developments for the digital compact cassette system 14852
Lokk, E.G. *see* Vashkovskiy, A.V. 44231
Lokker, H.J.P. *see* Van Swaaij, R.A.C.M.M. 27673
Lokshin, B.A., Tsirlin, V.M. The acceptable mismatch of the input devices of satellite communications and broadcasting stations 30681
Loktev, S.M., Lyndin, N.M., Nurligareev, D.Kh., Sychugov, V.A., Tishchenko, A.V. Buried-channel waveguides in *TE*-mode filters (λ=0.85 μm) 28493
Lokuta, F. *see* Temple, V. 28117
Lolis, R.R. Feedwater heaters functional analysis at Embalse NGS 16569
Lomaev, M.I. *see* Kopylova, T.N. 3468
Lomakin, A.V. *see* Badalyan, V.G. 18346
Lomakin, A.V. *see* Badalyan, V.G. 18388
Lomakin, B.V. *see* Parsons, S.O. 39693
Lomako, A.A. *see* Zalyubovskii, I.I. 24586
Lomako, V.M. *see* Kuchinskii, P.V. 10936
Lomas, D.G. *see* Payne, P.A. 47299
Lomas, J.J. *see* Galdos, J.I. 46131
Lomashevich, S.A. The problem of direct amplification and switching of optical signals 30758
Lomatch, S. *see* Rippert, E.D. 23603
Lomax, R. *see* Upton, M. 27003
Lomba, C.R.A.T., Valadas, R.T., de Oliveira Duarte, A.M. Propagation losses and impulse response of the indoor optical channel: a simulation package 45979
Lombard, C.M. *see* Brown, J.B. 7527
Lombard, F. *see* Huang Weikang 33991
Lombardi, A., Parisi, G., Vretenar, M. Comparison study of RFQ structures for the lead ion linac at CERN 15304
Lombardi, A. *see* Amendola, G. 15300
Lombardi, A. *see* Cervellera, F. 15397
Lombardi, A. *see* De Martinis, C. 15510
Lombardi, A. *see* Fortuna, G. 6906
Lombardi, D.R. *see* Anderson, W.R. 19470
Lombardi, F. *see* Buonanno, G. 1209
Lombardi, F. *see* Chao Feng 1246
Lombardi, F. *see* Chien, H.-C. 23237
Lombardi, F. *see* Esposto, F. 46019
Lombardi, F. *see* Kari, H.H. 37546
Lombardi, F. *see* Porta, A. 36751
Lombardi, F. *see* Salinas, J. 41988
Lombardi, F. *see* Salinas, J. 41990
Lombardi, H. *see* Gonzalez-Vega, L. 33521
Lombardo, A. *see* Borgonovo, F. 22518
Lombardo, A. *see* Davoli, F. 45459
Lombardo, P. *see* Ciaffone, A. 30914
Lombardo, P. *see* Farina, A. 46065
Lombardo, S., Campisano, S.U., Baroetto, F. Carrier transport and microstructure in semi-insulating polycrystalline silicon 1831
Lombardo, S., Campisano, S.U., Nicotra, M. Doping of semi-insulating polycrystalline silicon by B, P, and As implantation and diffusion 19538
Lomdahl, P.S., Gronbech-Jensen, N. Data-parallel Langevin dynamics simulations of Josephson junction arrays 2906
Lomenick, B. *see* Davis, C. 11301
Lomholt Hansen, S., Bank Andreasen, S., Thorsen, P., Dybdal, K. Verification of new theory on gain-tilt distortion 30862
Lommasson, T. *see* Rockett, A. 40470
LoMonaco, L. *see* Giove, D. 15176
Lomonosova, E.M. *see* Zhuk, I.V. 38877
Lomp, G.R., Schilling, D.L., Milstein, L.B. An overview of broadband CDMA 14492
Lompech, M.N. *see* Margat, C. 14451
Lomperski, M. *see* Barber, D.P. 31578
Lomtadze, T. *see* Angelini, F. 7225
Lomukhin, Yu.L., Damdinov, B.B. Scattering of a wave propagating along an impedance surface with a screen of finite dimensions 4116
Lomukhin, Yu.L., Vetluzhskii, A.Yu., Chimitdorzhiev, N.B. Attenuation of waves near a layer of magnetic insulator 29134
Lon-Mu Liu *see* Harris, J.L. 32365
Lon-Rong Hu, Rappaport, S.S. Micro-cellular communication systems with hierarchical macrocell overlays: traffic performance models and analysis 45803
Loncol, T. *see* Pihet, P. 47142
London, A., Wood, J., Malanga, D. Power considerations in small geometry thick film resistors 19156
London, R. *see* Osterheld, A.L. 43721
London, R.A. *see* Pollock, E.L. 11915
London, T.B. *see* Katseff, H.P. 22546
Long, A.P., Holmes, S.J., Wallis, R.H. Wideband HEMT MMIC low-noise amplifier with temperature compensation 42217
Long, A.P. *see* Wallis, R.H. 10510
Long, A.R., Chahdi, M., Rodley, D.G., Nonomura, S., Le Comber, P.G. Capacitance studies of the a-Si TFT input stage 35000
Long, A.R., Chahdi, M., Rodley, D.G., Nonomura, S., LeComber, P.G. Potential distribution and interface states in the input stage of an amorphous silicon thin-film transistor 28171
Long, C.D. Telecommunications: reciprocity of treatment and parity of licensing practice between the US and the UK/Europe—an overview 30270
Long, D.D.E., Osterbrook, C., Cabrera, L.-F. Providing performance guarantees in an FDDI network 45578
Long, D.D.E. *see* Golding, R.A. 22340
Long, D.E. *see* Burch, J.R. 26875
Long, D.E. *see* Burch, J.R. 41848
Long, D.I., Medhat, S.S. Mixed-signal simulators: tools for mixed-signal 'design for test'? 27098

Long, D.W., Duff, C.P. A survey of processes used in the development of firmware for a multiprocessor embedded system 38391
Long, D.Z., Gegner, J.P., Lee, C.Q. PWM boost converter with zero-voltage-switching 25549
Long, J.A. *see* Bonner, J.A. 47718
Long, J.M. *see* Cash, C.R. 475
Long, R.L. Role of simulators in safe operation of nuclear power plants 16529
Long, S.A. *see* Jackson, D.R. 21400
Long, S.I. *see* Lassen, P.S. 10100
Long, S.I. *see* Nary, K.R. 36342
Long, T. *see* Jamerson, C. 26703
Long, T. *see* Ramachandran, A. 11084
Long, T.E. *see* Gabor, A.H. 11008
Long Cao Yu *see* Yu Long Cao
Long Chang *see* Bourianoff, G. 46703
Long Fan *see* Fan Long
Long Gao *see* Wang, Y. 24733
Long Guo *see* Guo Long
Long Jeng Lee *see* Hua Chang 18279
Long Que, Guoliang Sun, Boru Feng Chromeless phase-shift technology: the physical mechanism of the dark area produced by phase-compensation and its application 2359
Long Van Do *see* Do Long Van
Long Wu, Yi-Yeh Lee Piezoceramic HF resonator with zero temperature coefficient 11412
Long Wu *see* Yi-Yeh Lee 11405
Long Yang *see* Babic, D.I. 44012
Long-Bi Zhu *see* Zhu Long-Bi
Long-Wen Chang, Her-Hsiung Chang A fast algorithm for color vector quantization 13570
Long-Wen Chang, Jiunn Yueh Ho Two state hierarchical search and motion vector smoothing in motion estimation 30086
Long-Wen Chang, Lee, J.S. A new hardware implementation of fast vector median filters 27083
Long-Wen Chang, Tsann-Shyong Liu 24 bits color image quantization for 8 bits color display based on Y-Cr-Cb 13569
Longari, C. *see* Bastida, E.M. 28203
Longbotham, H.G. *see* Pierce, B.L. 34329
Longchun, C. *see* Blaabjerg, F. 8545
Longcor, S. *see* Peng, Z. 18743
Longde Zhu *see* Zhu Longde
Longeaud, C., Kleider, J.P. Trapping and recombination via dangling bonds in amorphous and glassy semiconductors under steady-state conditions: Application to the modulated photocurrent experiment 3317
Longeaud, C. *see* Kleider, J.P. 34993
Longenecker, H.E., Jr. *see* LaBoe, S.P. 30545
Longhi, S. *see* Cerullo, G. 35759
Longhi, S. *see* Laporta, P. 3477
Longin, K., Dariusz, P., Ryszard, S. Double crucible method in the fiber optic image guides (tapers) manufacturing 35373
Longji Wang *see* Wang Longji
Longlong Du *see* Du Longlong
Longmire, M. *see* Cooper, J.B. 31316
Longnian Li *see* Li Longnian
Longo, L., Horng, B.-R. A 15 b 30 kHz bandpass sigma-delta modulator 33933
Longo, M.J. *see* Morton, E.J. 15731
Longo, S., Comunale, G., Gorse, C., Capitelli, M. Two different approaches to the modeling of XeCl self-sustained laser discharges 20632
Longo, S. *see* Colonna, G. 11987
Longoni, A. *see* Bertuccio, G. 31788
Longzhou Tang *see* Tang Longzhou
Lonsdale, A. A novel non-contact strain measurement technique utilising Rayleigh waves 46642
Loo, C. System performance of on board signal processing experiment over Olympus and Anik E2 21255
Loo, G.Y. *see* Lye, K.M. 45604
Loo, M.C., Gilleo, K. Area array chip carrier: SMT package for known good die 17874
Loo, T. Testability considerations in high-performance avionics processors 39226
Loo Chun *see* Chun Loo
Loo Goh Ann *see* Goh Ann Loo
Looby-Calvert, M.M. *see* Wong, C.P. 17900
Loof, O. *see* Astrom, U. 47495
Loof, O. *see* Zhang, W. 24899
Looges, P.J. Application of the crossbar interconnection network to multiprocessor communication 30419
Look, D.C., Fang, Z.-Q., Look, J.W., Sizelove, J.R. Hopping conduction in molecular beam epitaxial GaAs grown at very low temperatures 42413
Look, D.C., He, Y., Ramdani, J., El-Masry, N., Bedair, S.M. Semiinsulating nature of gas source molecular beam epitaxial InGaP grown at very low temperatures 1839
Look, D.C. *see* Fang, Z.-Q. 10665
Look, J.W. *see* Look, D.C. 42413
Look, L.C. *see* Rahardja, S. 30442
Looka, E.S. *see* Boutros, Y.Z. 4428
Looka, E.S. *see* Boutros, Y.Z. 12907
Loomba, J. *see* Clow, D. 9962
Loomis, G.E. *see* Chow, R. 3293
Loomis, H.H. *see* Strandberg, R.H. 29608
Loomis, H.H. *see* Wong, E.Q. 10321
Loomis, J.S. *see* Simon, D.M. 28532
Loon Ching Tang, Dong Shang Chang Reliability bounds and tolerance limits of two inverse Gaussian models 26247
Loon Ching Tang *see* Dong Shang Chang 9397
Looney, L.D., Lyons, P.B. Transient radiation effects in polarization-maintaining fibers 28444
Looney, L.D. *see* Lyons, P.B. 3028
Loong Cheong Tong *see* Tong Loong Cheong
Loong Wen-An *see* Wen-An Loong
Loore, B.J.S.De *see* De Loore, B.J.S.
Loos, E. Inserting electric network in the environment: the State/EDF protocol 47452
Loos, J., Wang, C.-Y., Mahmood, M. Physical modeling of datapath libraries for design automation applications 19941
Loose, E. *see* Bui, L.Q. 7565
Loosen, P. Advances in CO_2-laser technology for industrial applications 12496
Loosen, P. *see* Du, K. 12015
Loosen, P. *see* Du, K.-M. 20945
Loosen, P. *see* Fuss, W. 11958
Loosen, P. *see* Habich, U. 11966
Loosen, P. *see* Keming Du 35940
Loosfelt, P., Desplanques, P., Cherradi, A. Fast Fourier transform by period quarter 44824
Looyen, A. *see* Amersfoort, M.R. 35634
Loparo, K.A. *see* Praprost, K.L. 24651
Lopata, J., Dutta, N.K., Chand, N. $(InAs)_1/(GaAs)_n$ superlattice quantum well lasers 12127
Lopata, J. *see* Dutta, N.K. 3644
Lopata, J. *see* Dutta, N.K. 11892
Lopata, J. *see* Nichols, D.T. 12144
Lopata, J. *see* Nichols, D.T. 43689
Lopatin, S.I. *see* Semenov, G.A. 9620
Lopatkin, S.A. *see* Boev, S.G. 38665
Lopera, J.M. *see* Pernia, A.M. 8554
Lopes, A., Nezry, E., Touzi, R., Laur, H. Structure detection and statistical adaptive speckle filtering in SAR images 6136
Lopes, A., Pugnaloni, A., Spinello, G., Vita, P. SESNET: an SCPC DAMA system for fully meshed connectivity in open and closed networks 22950
Lopes, L. *see* Saunders, R. 45845
Lopes, L.B., Safavi, S. Relationship between performance and timing recovery mechanisms for a DECT link in dispersive channels 22799
Lopes, L.B. *see* Brandao, A.L. 23098
Lopes, L.B. *see* Ibbetson, L.J. 22876
Lopes, P., Oliveira, E. Contributions to increase efficiency on the Hough transform 13679
Lopes Filho, E.P. *see* Aude, J.S. 1695
Lopez, A. *see* Gutierrez, J. 32196
Lopez, A. *see* Montano, J.-C. 6721
Lopez, A. *see* Nelson, P. 39797
Lopez, A.P. *see* Lopez, E.M.V. 41706
Lopez, C., Fernandez, J.L., Blanco-Garcia, J., Doval, A.F., Dorrio, B.V., Pino, F., Perez-Amor, M. Novel fiber optic laser probe for the inspection of internal cylindrical surfaces 6525
Lopez, E. *see* Moron, C. 43266
Lopez, E.J. *see* Alonso, J.I. 27275
Lopez, E.M.V., Lopez, A.P., Salamero, L.M. Analysis and design of active-R oscillators 41706
Lopez, F.J., Carrasco, R.A., Farrell, P.G. Ring-TCM codes for QAM 21605
Lopez, F.J., Carrasco, R.A., Farrell, P.G. Ring-TCM codes for QAM on fading channels 44733
Lopez, F.J.R., Fernandez, A.R., Prieto, J.L.S.E., De Sarabia, E.R.F. Influence of the boundary conditions on the transient ultrasonic radiation of an immersion transducer 7575
Lopez, G. *see* Tsyganov, E. 46801
Lopez, G.P. *see* Uteza, O. 12304
Lopez, J.A.G. *see* Verdejo, J.E.D. 12988
Lopez, L. Methods based on boundary value techniques for solving parabolic equations on parallel computers 612
Lopez, L. *see* Campbell, M. 46972
Lopez, M., Ishikawa, T., Matsuyama, I., Tanaka, N., Nomura, Y. MBE fabrication of GaAs quantum wire structures on mesa stripes along the [001] direction 41343
Lopez, M., Ishikawa, T., Nomura, Y. Molecular beam epitaxy of GaAs/AlAs on mesa stripes along the [001] direction for quantum-wire fabrication 659
Lopez, M., Ishikawa, T., Nomura, Y. Molecular-beam epitaxial growth of pyramidal structures on patterned GaAs(100) substrates for three-dimensionally confined structures 18144
Lopez, M. *see* Black, B. 8730
Lopez, M. *see* Camon, A. 6277
Lopez, M.A. *see* Garcia Ruiz, E. 6396
Lopez, M.J. *see* Arguelles, J. 35183
Lopez, P. *see* Martinez, J.M. 18551
Lopez, P. *see* Tourtier, P.J. 46216
Lopez, R. *see* Mengue, S. 10529
Lopez Aguera, A. *see* Garcia Perez, J. 46933
Lopez Alonso, A., Besada Sanmartin, J.L. Design of multimode coaxial feeders for Cassegrain antennas 29397
Lopez Araguas, J.P., Jaen, J., Northcote-Gren, J., Tram, H. A computer aided distribution operations (CADOPS) system project at Iberduero 24926
Lopez Araguas, J.P. *see* Tram, H. 7876
Lopez Fernandez, J.A., Lehnert, T., Mattiocco, F. Low noise log-periodic SIS open structure receiver at 180 and 305 GHz 27240
Lopez Sancho, J.M. *see* Refolio, M.C. 34778
Lopez Sancho, M.P. *see* Refolio, M.C. 34778
Lopez-Aguera, A. *see* Adam, W. 46929
Lopez-Amo, M., Lopez-Higuera, J.M., Muriel, M.A. Design of a lossy tunable wavelength demultiplexer utilizing MgO:Ti:$LiNbO_3$ depressed index waveguides 45949
Lopez-Amo, M. *see* Vazquez, M.C. 43397
Lopez-Amo, M. *see* Vizoso, B. 2952
Lopez-Atalaya, M. *see* Codina, G. 48087
Lopez-Ferreras, F. *see* Sanz-Gonzalez, J.L. 13414
Lopez-Gonzalo, E. *see* Ortega-Garcia, J. 13139
Lopez-Hernandez, F.J. *see* Santamaria, A. 37432
Lopez-Hernandez, F.J. *see* Santamaria, A. *(editor)* 26043
Lopez-Higuera, J.M. *see* Lopez-Amo, M. 45949
Lopez-Marcos, J.C. *see* Fairweather, G. 9470
Lopez-Otero, A. *see* Donghwan Kim 34516
Lopez-Otero, A. *see* Kim, D. 10814
Lopez-Sancho, J.M., Refolio, M.C., Lopez-Sancho, M.P., Rubio, J. Spin correlation effects on the bonding character of alkali/silicon interfaces: an extended Hubbard model 2251
Lopez-Sancho, M.P. *see* Lopez-Sancho, J.M. 2251
Lopez-Villanueva, J.A. *see* Banqueri, J. 1953
Lopez-Villegas, J.M., Navarro, M., Marco, S., Samitier, J., Morante, J.R., Gotz, A., Esteve, J. Passivation analysis of (100) surfaces by anodic oxidation in aqueous KOH 27705
Lopez-Villegas, J.M., Roura, P., Bosch, J., Morante, J.R., Georgakilas, A., Zekentes, K. Frequency resolved admittance measurements on InAlAs/InGaAs/InAlAs single quantum wells applied to determine the conduction band offset and the capture time constant 1905
Lopin, M.I., Belyavsky, B.A., Simonov, K.G., Cherepenin, V.A., Zakurdayev, A.D., Grishin, B.S., Negirev, A.A., Pobedonostev, A.S. High-power millimeter-wave tubes 1795
Lopin, M.I. *see* Belyavsky, B.A. 26522
Lopin, M.I. *see* Pobedonostev, A.S. 1796
Loppin, G. *see* Chouaf, A. 34808
Loppinet, B. *see* Mosdale, R. 48110
Lopresti, P.V. *see* Pinault, S.C. 18536
Lopresti, P.V. *see* Pinault, S.C. 18896
Lopresti, P.V. *see* Pinault, S.C. 18905
Lops, M., Willett, P. Ll-CFAR: a flexible and robust alternative 30894
Lops, M. *see* Conte, E. 46061
Lopukhina, E.M., El-Halabi Gazi Improving electric motors for domestic washing machines 40664
Lopukhina, Ye.M., Gasi, E.-H. Determination of the end-turn leakage reactance of a three-phase toroidal winding by a method of harmonic analysis 16844
Lopyrev, A.N. *see* Fatyanov, O.V. 29117
Lor, K.-W.E. A customized network diagnostic expert system based on general diagnostic strategies 14029
Lorans, D. *see* Triboulet, R. 33610
Lorattanasane, C. *see* Kikuchi, K. 38082
Lorberth, J. *see* Marschner, T. 9647
Lorch, J.R. *see* Qian Huang 45258
Lorch, P. Applications drive the evolution of network analyzers 31131
Lord, A. Power budgeting for long-haul optical amplified systems 38061
Lord, A. *see* Karrenberg, D. 30430
Lord, H.A. *see* Bose, C.B. 26426
Lord, J.J. *see* Grajew, G. 37613
Lord, J.R. *see* Spillman, W.B., Jr. 23670
Lord, R. *see* Grajew, G. 37613
Lord, S.M., Pezeshki, B., Harris, J.S., Jr. Electroabsorption modulators operating at 1.3 μm on GaAs substrates 28514
Lord, S.M., Pezeshki, B., Marshall, A.F., Harris, J.S., Jr., Fernandez, R., Harwit, A. Graded buffer layers for molecular beam epitaxial growth of high In content InGaAs on GaAs for optoelectronics 11599
Lord, S.M., Roos, G., Pezeshki, B., Harris, J.S., Jr., Johnson, N.M. Hydrogen passivation of defects in $InGaAs/Al_xGa_{1-x}As$ quantum wells 2202
Lord, S.M., Trezza, J.A., Larson, M.C., Pezeshki, B., Harris, J.S., Jr. 1.3 μm electroabsorption reflection modulators on GaAs 3165
Lord, S.M. *see* Hogle, R.A. 2137
Lord, S.M. *see* Trezza, J.A. 11678
Lord, S.M. *see* Trezza, J.A. 20397
Lorek, W., Roder, H.F. Modelling of microwave amplifiers: a comparison of methods 10438
Lorenc, A.A., Lapin'sh, Ya.K. Influence of a random signal parameters on variance of its dichotomic transform 36716
Lorenc, J. *see* Andruszkiewicz, J. 40389
Lorence, L.J., Jr. *see* Baldwin, G.T. 15676
Lorenti, G. *see* Botre, F. 6611
Lorents, A.A. Variance of dichotomic transformation of a stochastic signal 4675
Lorentz, S.R., Datla, R.U. Intercomparison between the NIST LBIR absolute cryogenic radiometer and an optical trap detector 23611
Lorenz, F. Discontinuities in bond graphs: what is required? 18030

Lorenz, L. Drive and protection concepts for IGBTs 26678
Lorenz, L. IGBT—state of the art and future development 32930
Lorenz, P., Mammeri, Z., Thomesse, J.-P. A state-machine for temporal qualification of time-critical communication 45595
Lorenz, P. *see* Adam, W. 7259
Lorenz, P. *see* Adam, W. 31715
Lorenz, R.D. *see* Jansen, P.L. 16849
Lorenz, R.D. *see* Jansen, P.L. 16853
Lorenz, R.D. *see* Jansen, P.L. 40551
Lorenz, R.D. *see* Klontz, K.W. 8948
Lorenz, R.D. *see* Wallace, I.T. 40195
Lorenze, R.V. *see* Hermanson, H.A. 38380
Lorenzelli, R. *see* Haas, D. 47669
Lorenzini, D.J. On modular elliptic curves 494
Lorenzini, E.C. *see* Bannister, P.R. 4314
Lorenzo, A. *see* Rodellar, V. 18597
Lorenzo, E., Macagnan, M.H. Considerations in the design of a one-axis tracking photovoltaic system 32789
Lorenzo, E. *see* Copetti, J.B. 8243
Lorenzo, E.Di *see* Di Lorenzo, E.
Lorenzo, J.P. *see* Davis, A. 9592
Lorenzo, J.P. *see* Martin, E.A. 34971
Lorenzo, L. *see* Camon, A. 6277
Lorenzo, S. *see* Lobo, I. 8826
Lorenzo, S. *see* Shaban, M. 30017
Lorenzo-Navarro, J., Hernandez-Tejera, M. Image segmentation using a modified split and merge technique 36928
Lorenzon, W., Hausser, O., Plettner, T. Gas scintillation in He-N_2-CH_4 and He-N_2 mixtures 46874
Lorenzon, W. *see* Hausser, O. 31645
Loreth, K. *see* Torok, V. 8351
Loreti, M. *see* Amidei, D. 46890
Loreti, M. *see* Tkaczyk, S. 46989
Loretto, D. *see* Knowlton, W.B. 19422
Lori, L., Redi, P. CAD programs help to design reliable controller for power photovoltaic systems 16728
Lorikian, M.P., Gavalian, V.G. Multiwire dielectric X-ray detector 38863
Lorikian, M.P. *see* Gavalian, V.G. 31678
Loring, C., Jr., Shrader, M. The Klystrode, a new high efficiency, high power electron tube for UHF industrial applications 10614
Lorival, R. *see* Girard, P. 262
Lorke, A., Krishnamurthy, M., Petroff, P.M. The role of vertical exchange in the growth of GaAs/AlAs lateral and vertical superlattices 9600
Lorke, A., Petroff, P.M. Transport properties of lateral superlattices grown on vicinal GaAs (100) surfaces 42498
Lorke, A. *see* Krishnamurthy, M. 41308
Lorke, A. *see* Nguyen, C. 1914
Lorke, H. Admissible limits for dangerous voltages caused by interference between electricity lines and telecommunication lines 47507
Lormand, G. *see* Ferlazzo, L. 2228
Loron, L. Stator parameters influence on the field-oriented control tuning 8850
Loron, L., Laliberte, G. Application of the extended Kalman filter to parameters estimation of induction motors 8415
Lorrain, J.A. The Blueprint: a progress report 37448
Lorriaux, J.L. *see* Grandidier, B. 42838
Lorthioir, G. *see* Comby, G. 42376
Lorusso, M. *see* Brunetta, S. 26226
Lory, E.R. *see* Rietman, E. 34696
Los, V.F. *see* Bulkin, V.M. 21193
Los Arcos, J.M., Garcia-Torano, E. A new digital pulse height analysis method for radiation spectroscopy 38908
Los Arcos, J.M. *see* Rodriguez Barquero, L. 38851
los Heros, C.P.de *see* de los Heros, C.P.
Los Santos, A.De *see* De Los Santos, A.
Losacco, V. Olivetti testing experience [open systems] 37535
Losada, C.A. *see* Anand, V. 41569
Losch, R. *see* Casacca, M.A. 32796
Losch, W. *see* Paes, H. 27516
Loschner, H., Stengl, G., Chalupka, A., Fegerl, J., Fischer, R., Hammel, E., Lammer, G., Malek, L., Nowak, R., Traher, C., Vonach, H., Wolf, P., Hill, R.W. Projection ion beam lithography 27920
Loschner, H. *see* Fallmann, W. 11097
Losco, J. *see* Tapia-Stocker, C. 5578
LoSecco, J. *see* Abbott, B. 7245
Losev, L.L., Lutsenko, A.P. Parametric Raman lasers 20592
Losev, L.L., Lutsenko, A.P. Parametric Raman laser with a discrete output spectrum equal in width to the pump frequency 28731
Losev, M.Yu., Rysovanyi, A.N. The synthesis of a group multichannel signature analyser 29434
Losev, M.Yu., Rysovanyi, A.N. Synthesis procedure for a single-cycle parallel signature analyser 31148
Losev, V.F., Panchenko, Yu.N. Compression of XeCl laser radiation pulse by stimulated Brillouin scattering 44122
Losev, V.V., Malytsev, S.V. Factorization of binary signal matrices 4648
Losic, N.A., Varga, L.D., Popovic, Z.D. Synthesis of zero-admittance converter 41663
Losing, M. *see* Paul, H.-U. 47513
Losing, M. *see* Paul, H.U. 32433
Loskutov, A.B. *see* Vagin, G.Ya. 9027
Loskutov, A.Yu *see* Yu Loskutov, A.
Losquadro, G., Michel, P., Elia, M., Visintin, M. Impact of RFI detection in DRS links on the performance of coding schemes 22919
Loss, M. *see* Nicosia, J. 47188
Losson, E., Lepley, B. New method of deep level transient spectroscopy analysis: a five emission rate method 2423
Lossy, R.L. *see* Roy, R.A. 815
Loster, P. *see* Otto, H.H. 11362
Losurdo, M. *see* Cicala, G. 9791
Lot, L. *see* Easter, J.R. 39765
Lotem, H., Pan, Z., Dagenais, M. Tunable dual-wavelength continuous-wave diode laser operated at 830 nm 3617
Lothers, M. *see* Saeks, R. 24414
Lothian, J. *see* Fullowan, T.R. 2455
Lothian, J. *see* Ren, F. 11241
Lothian, J. *see* Wisk, P. 780
Lothian, J.R., Fullowan, T.R. An etch-back planarization process using a sacrificial polymide layer [HBT fabrication] 11151
Lothian, J.R., Kuo, J.M., Pearton, S.J., Ren, F. Wet and dry etching of InGaP 10898
Lothian, J.R., Ren, F., Pearton, S.J., Abernathy, C.R., Tseng, B., Hobson, W.S. Low temperature SiN_x as a sacrificial layer in novel device fabrication 19621
Lothian, J.R., Ren, F., Pearton, S.J., Chakrabarti, U.K., Abernathy, C.R., Katz, A. Tri-layer lift-off metallization process using low temperature deposited SiN_x 42790
Lothian, J.R. *see* Pearton, S.J. 2095
Lothian, J.R. *see* Pearton, S.J. 2139
Lothian, J.R. *see* Pearton, S.J. 2581
Lothian, J.R. *see* Pearton, S.J. 19620
Lothian, J.R. *see* Pearton, S.J. 34775
Lothian, J.R. *see* Ren, F. 2486
Lothian, J.R. *see* Ren, F. 2577
Lothian, J.R. *see* Ren, F. 3637
Lothian, J.R. *see* Ren, F. 20918
Lothian, J.R. *see* Ren, F. 27635
Lothian, J.R. *see* Ren, F. 28213
Lothian, J.R. *see* Ren, F. 42805
Lotkhov, S.V. *see* Krupenin, V.A. 27891
Lotkova, Ye.D., Kosyakin, S.V. A microstrip filter based on dielectric resonators 10314
Lotokh, N.G. *see* Bykov, V.N. 27385
Lotov, A.I. *see* Danilychev, M.V. 12590
Lotshaw, W.T., Unternahrer, J.R., Kukla, M.J. High average power, TEM_{00} mode Nd:YAG laser system for nonlinear frequency conversion 20724
Lotshaw, W.T., Unternahrer, J.R., Kukla, M.J., Miyake, C.I., Braun, F.D. Performance of a degenerate $KTiOPO_4$ optical parametric oscillator, synchronously pumped by a mode-locked and *Q*-switched Nd:YAG continuous-wave oscillator-slab amplifier combination 20980
Lott, J.A., Schneider, R.P., Jr., Choquette, K.D., Kilcoyne, S.P., Figiel, J.J. Room temperature continuous wave operation of red vertical cavity surface emitting laser diodes 3610
Lott, J.A., Schneider, R.P., Jr., Molly, K.J. Visible (639 nm $\leqslant\lambda\leqslant$661 nm) vertical cavity surface emitting laser diodes 28813
Lott, J.A., Schneider, R.P., Jr., Zolper, J.C., Malloy, K.J. AlGaInP visible vertical cavity surface emitting lasers operating with gain contributions from the n=2 quantum well transition 20811
Lott, J.A. *see* Schneider, R.P., Jr. 3712
Lott, J.A. *see* Zolper, J.C. 10667
Lott, U., Hugli, R. Novel wideband optical receiver MMIC including two-channel integrated detector 28678
Lotter, E. *see* Zedlitz, R. 26513
Lotter, G. *see* Freund, H. 24870
Lotter, M.G. *see* Pretorius, P.H. 24248
Lotton, P. *see* Skvor, Z. 38439
Lotze, W. Multidimensional measuring probe head improves accuracy and functionality of coordinate measuring machines 46410
Lotze, W. General solution for Chebyshev approximation of form elements in coordinate measurement 46609
Lotzkat, W. *see* Holtz, J. 40321
Lou, J.C. *see* Hua Chang 18279
Lou, J.H. *see* Kuo, J.B. 10096
Lou, K.A. *see* Yaniv, G. 23675
Lou, L.F., Kitazaki, K.S. A charge accumulation and multiplication photodetector 23579
Lou, S.-L. *see* Huang, H.K. 37495
Lou, S.H. *see* Li, L. 44282
Lou, W. *see* Levush, B. 27417
Lou, X., Kadaba, P.K., Li, J. On the application of moment methods to electromagnetic nondestructive evaluation 927
Lou Limin *see* Zhang Weixin 23563
Lou Qihong *see* Qihong Lou
Lou Shuli A study of experimental technique on operating-lifetime at high temperature 241
Lou Tao, Dai Yisong Experimental study on noise circuit theory 15187
Lou Yuang *see* Yuang Lou
Lou Yung-Song *see* Yung-Song Lou
Louati, K., Sadarnac, D. Analysis of a resonant converter with LCL-type commutation 8557
Loubaton, P. Regular unitary dilation of commuting contractions and Markovian representation of Gaussian stationary processes on Z^2 41082
Loubaton, P., Regalia, P.A. Blind deconvolution of multivariate signals using adaptive FIR lossless filters 21753
Loubaton, P. *see* Chonavel, T. 21473
Loubaton, P. *see* Chonavel, T. 21881
Loubaton, P. *see* Fijalkow, I. 36741
Louboutin, J.-P. *see* Legros, F. 38028
Loubriel, G.M., Zutavern, F.J., Denison, G.J., Helgeson, W.D., McLaughlin, D.L., O'Malley, M.W., Demarest, J.A. Photoconductive semiconductor switches for high power radiation 44466
Loubriel, G.M., Zutavern, F.J., Denison, G.J., Helgeson, W.D., McLaughlin, D.L., O'Malley, M.W., Sifford, C.H., Beavis, L.C., Seager, C.H., Rosen, A., Madonna, R.G. Long lifetime silicon photoconductive semiconductor switches 28622
Loubriel, G.M. *see* Hjalmarson, H.P. 28629
Loubriel, G.M. *see* Zutavern, F.J. 28624
Loucks, B. *see* Kahn, F.J. 6699
Loucks, D.G. Low-voltage motor control centers utilizing microprocessor technology 9059
Loucks, W.M. *see* Manjikian, N. 41576
Loude, J.F. *see* Castro, H. 20176
Loudiana, M.A. *see* Klein, G.E. 29838
Lougheed, M.R. *see* Smart, T.E. 16598
Lougher, P., Shepherd, D. The design and implementation of a continuous media storage server 14171
Loughlin, M.J. *see* Hawkes, N.P. 7290
Loughlin, P.J., Pitton, J.W., Atlas, L.E. Proper time-frequency energy distributions and the Heisenberg uncertainty principle 13323
Lougnot, D.-J. *see* Boiko, Y.B. 36071
Lougnot, D.J. *see* Noiret, N. 29032
Louie, A. *see* Kashyap, S. 46033
Louie, B., Hubbard, C., Slaboszewicz, C. Economics of strategic communications systems 7932
Louie, M.E., Ercegovac, M.D. Mapping division algorithms to field programmable gate arrays 26795
Louis, A.K. *see* Bohm, M. 24335
Louis, D., Laporte, P., Gachon, P. Improvement of dry development of photoresist in a RIPE source for 0.4 to 0.35 μm technologies 28275
Louis, E., Voorma, H.-J., Koster, N.B., Shmaenok, L., Bijkerk, F., Schlatmann, R., Verhoeven, J., Platonov, Yu.Ya., van Dorssen, G.E., Padmore, H.A. Enhancement of reflectivity of multilayer mirrors for soft X-ray projection lithography by temperature optimization and ion bombardment 26510
Louis, E. *see* Bijkerk, F. 11999
Louis, E. *see* Shmaenok, L. 28026
Louis, J.-P. *see* Grenier, D. 8349
Louis, J.-P. *see* Oukaour, A. 16986
Louis, J.P. *see* Rioual, P. 8656
Louis, W.C. *see* Anderson, G. 38901
Louka, M. *see* Percival, R.M. 12073
Loukas, D. *see* Adam, W. 7259
Loukas, D. *see* Adam, W. 31715
Loukas, D. *see* Adam, W. 46929
Loukas, D. *see* Kavadias, S. 7158
Loukis, E., Mathioudakis, K., Papailiou, K. Optimizing automated gas turbine fault detection using statistical pattern recognition 47777
Loula, B. *see* Lipping, T. 39067
Loula, P., Lipping, T., Jantti, V., Yli-Hankala, A. Nonlinear interpretation of respiratory sinus arrhythmia in anesthesia 39070
Loula, P. *see* Hasan, J. 15847
Loulergue, A. *see* De Brion, J.-P. 38817
Loulergue, A. *see* Joly, S. 44009
Lounasmaa, O.V. *see* Ahonen, A.I. 24214
Lounis, B. *see* Clairon, A. 6300
Loup, F. *see* Karrakchou, M. 24157
Loura, G.Da *see* Da Loura, G.
Loural, M.S.S. *see* Morosini, M.B.Z. 12204
Loural, M.S.S. *see* Patel, N.B. 20869
Lourdudoss, S., Kjebon, O., Wallin, J., Lindgren, S. High-frequency GaInAsP/InP laser mesas in (−110) direction with thick semi-insulating InP:Fe 28862
Lourdudoss, S. *see* Kjebon, O. 37991
Lourdudoss, S. *see* Oberg, M. 43929
Lourenco, M.A., Homewood, K.P., Hemment, P.L.F. Evaluation of silicon-on-insulator substrates using photoconductive frequency resolved spectroscopy 19462
Lourenco, M.Lurdes *see* Lurdes Lourenco, M.
Lourens, J.G. Efficient complex demodulation by correctly packing ADC data 12829
Lourens, J.G. *see* Claassen, D.M. 16017
Loureriro, A.A.F. *see* Vuong, S.T. 30505
Louri, A. An algorithm for implementing fully-connected optical interconnection networks with broadcast capability 20477
Louri, A., Jongwhoa Na Modeling and simulation methodology for digital optical computing systems 43580
Louri, A., Sung, H. Design methodology for three-dimensional space-invariant hypercube networks with graph bipartitioning 11784

Louri, A., Sung, H. Efficient implementation methodology for three-dimensional space-invariant hypercube-based optical interconnection networks 20455
Louris, P.J. *see* Besser, R.S. 19257
Lourtioz, J.-M. *see* Bouchoule, S. 12155
Lous, E.J. *see* Pulsford, N.J. 19755
Lous, E.J. *see* Pulsford, N.J. 34599
Loussouarn, Y. Mobile data networks 14455
Loutts, G.B., Chai, B.H.T. Growth of high-quality single crystals of FAP $[Ca_5(PO_4)_3F]$ and its isomorphs. [Lasing performance] 18122
Loutts, G.B., Hirnak, S., Basiev, T.T., Doroshenko, M.E., Sigachev, V.B., Shimony, Y., Deka, C., Zhang, X.X., Villaverde, A.B., Bass, M.A., Chai, B.H.T. Growth and characterization of pure Cr; Cr,Er and Cr,Ho codoped Y_2SiO_5 18126
Loutts, G.B. *see* Nicholls, J.F.H. 20730
Loutts, G.B. *see* Zhang, X.X. 20684
Louvet, Y. *see* Pigache, D. 12010
Lovas, L.A. *see* Thomopoulos, S.C.A. 6109
Lovatt, H.C. A flux controller that improves drive system performance by accounting for magnetic circuit saturation 17430
Lovatt, H.C., Stephenson, J.M. Computer-optimised current waveforms for switched-reluctance motors 40131
Lovchii, I.L. *see* Vitsinskii, S.A. 36006
Love, C.A. *see* Robinson, G.A. 46520
Love, C.E., Guo, R. Simulation strategies to identify the failure parameters of repairable systems under the influence of general repair 26259
Love, C.E., Jordan, H.F. Time of flight packet synchronizers 28559
Love, C.E. *see* Main, P.T. 28558
Love, C.E. *see* Main, T. 43585
Love, G. *see* Libby, V. 6110
Love, J.D. *see* Hewlett, S.J. 35334
Love, J.D. *see* Hewlett, S.J. 35338
Love, J.D. *see* Hewlett, S.J. 35357
Love, J.D. *see* Vance, R.W.C. 14630
Love, J.D. *see* Vance, R.W.C. 38044
Lovejoy, S.M. *see* Ermer, S. 20396
Lovelace, D. *see* Camilleri, N. 1505
Lovelace, D. *see* Camilleri, N. 30621
Lovelace, D. *see* Costa, J.C. 1517
Lovelace, D.K. Silicon MOSFETs power Gilbert-cell mixers 1113
Lovelace, D.K. Program de-embeds wafer-probed data 10476
Loveland, D.G., Candev, N., Marode, E. Towards magnetic centering of the discharge in a krypton flashlamp 40649
Loveless, R. *see* Bernstein, A. 31661
Loveless, R. *see* Wang, M.-Z. 31689
Lovell, B. *see* Downs, T. 4552
Lovell, B. *see* Kootsookos, P. 13049
Lovell, D.R., Takebe, T., Yamamoto, T., Inai, M., Kobayashi, K., Watanabe, T. Low resistance NiAuGe/Au ohmic contacts on n-type (111)A GaAs 10750
Lovell, J.R. Hierarchical basis functions for 3D finite element methods 41202
Lovell, M. *see* French, M. 46990
Lovell, N.H. *see* Celler, B.G. 31823
LoVerde, V. *see* Elice, E. 8925
Lovergine, F.P. *see* Stella, E. 13384
Loverre, P.F. *see* Buontempo, S. 31696
LoVetri, J., Simons, N.R.S. A class of symmetrical condensed node TLM methods derived directly from Maxwell's equations 21294
Lovett, E.G., Ropella, K.M. Bispectral analysis of intracardiac electrograms 7448
Lovett, E.G., Ropella, K.M. Autoregressive spread-spectral analysis of intracardiac electrograms: comparison to Fourier analysis 39059
Lovewell, B. *see* Zmola, C. 4975
Lovin, S. *see* Bullington, R.G. 421
Lovold, S. *see* Skauli, T. 41321
Lovstrom, B. *see* Bietrix, F. 15831
Low, C.C. *see* Liu, F.T. 19255
Low, D.C.W. *see* Wang, H. 1594
Low, H. *see* Sulz, G. 6642
Low, H.T. *see* Chew, Y.T. 7377
Low, K. Low-voltage microcontrollers for consumer applications 41978
Low, K.H. An equivalent-center-weight factor method for predicting fundamental frequencies of plates carrying multiple masses from experimental test data 10553
Low, K.K. *see* Lucas, K.D. 2340
Low, K.S., Lim, K.W., Rahman, M.F. A robust BLDC servo mechanism without acceleration measurement 32846
Low, K.S. *see* Rahman, M.F. 8828
Low, K.S. *see* Rahman, M.F. 17438
Low, K.S. *see* Tou, T.Y. 35652
Low, M.R., Christianson, B. Technique for authentication, access control and resource management in open distributed systems 29436
Low, S., Plotkin, N., Wong, M., Yee, J. Performance modeling of PVCs in frame relay networks 30516
Low, S., Varaiya, P. Burstiness bounds for some burst reducing servers 5154
Low, S.H., Varaiya, P.P. A new approach to service provisioning in ATM networks 30280
Low, T.S. *see* Ma, Y.X. 16891
Low Teck-Seng *see* Teck-Seng Low
Lowbridge, P., Brigginshaw, P., Kumar, B. A low cost mm-wave cruise control system for automotive applications 8957
Lowe, A. *see* D'Sa, D. 13945
Lowe, A. *see* Simpson, S.W. 25305
Lowe, G. *see* Fieguth, T. 15555
Lowe, G.S. Robotic welding of distribution transformers 25968
Lowe, J. *see* Auckland, D.W. 25579
Lowe, R.A. *see* Chubb, D.L. 17403
Lowe-ma, C.K. *see* Gedridge, R.W., Jr. 41386
Lowe-ma, C.K. *see* Groshens, T.J. 41474
Lowe-ma, C.K. *see* Lee, K.E. 41387
Lowell, J., Wenner, V., Jastrzebski, L. Characterization of surface cleans by surface photovoltage and surface charge imaging 34749
Lowen, S.B., Teich, M.C. Fractal renewal processes 36457
Lowenstein, V., Hager, A. Photovoltaic generating elements for the cladding of building facades 48134
Lowenthal, D.D. 2-micron optical parametric sources 21061
Lowerre, B. *see* Woo, D. 13065
Lowery, A.J. Dynamics of SHB-induced mode instabilities in uniform DFB semiconductor lasers 3667
Lowery, A.J., Novak, D. Spatial hole burning induced chirp in complex-coupled DFB semiconductor lasers 35797
Lowery, A.J., Zhai, L., Ahmed, Z., Onodera, N., Tucker, R.S. Numerical design of mode-locked semiconductor lasers 20872
Lowery, A.J. *see* Ahmed, Z. 12157
Lowery, A.J. *see* Ait-Sadi, R. 28840
Lowery, A.J. *see* Chan, Y.C. 28843
Lowery, A.J. *see* Chan, Y.C. 35853
Lowery, A.J. *see* Keating, A.J. 5972
Lowery, A.J. *see* Koay, G.L. 38022
Lowery, A.J. *see* Nguyen, L.V.T. 35854
Lowery, A.J. *see* Novak, D. 12142
Lowery, A.J. *see* Summerfield, M.A. 37975
Lowery, A.J. *see* Zhai, L. 35806
Lowery, A.J. *see* Zhai, L. 35852
Lowery, B. *see* Abbott, B. 7245
Lowery, T.F., Petro, D.W. More application considerations for PWM inverter-fed low-voltage induction motors 8381
Lowman, P. *see* Singhroy, V. 32074
Lowman, P.D., Jr. *see* Kusky, T.M. 47235
Lowndes, D.H., Godbole, M.J., Jellison, G.E., Jr., Pedraza, A.J. Ablation, surface activation, and electroless metallization of insulating materials by pulsed excimer laser irradiation 19643
Lowndes, D.H. *see* McCamy, J.W. 753
Lowndes, D.H. *see* McCamy, J.W. 9548
Lowndes, D.H. *see* McCamy, J.W. 18210
Lowney, J.R., Seiler, D.G., Thurber, W.R., Yu, Z., Song, X.N., Littler, C.L. Heavily accumulated surfaces of mercury cadmium telluride detectors: theory and experiment 15013
Lowney, J.R. *see* Tseng, W.F. 42461
Lowrey, T., Cloud, G., Kelly, D., Zagar, P., Seyyedy, M. The 64 megabit DRAM challenge 1236
Lowrie, J.W. *see* Shattuck, P.L. 47155
Lowry, C.W. *see* Boggavarapu, D. 12249
Lowry, L.E., Tai, B.H., Mattila, J., Walsh, L.H. Mechanical stress effects on electromigration voiding in a meandering test stripe 34807
Lowry, M.E. *see* Roeske, F. 3162
Lowry, M.M., Deptuck, D., Girit, I.C. Beta spectrum studies with cryogenic micro-calorimeters 24118
Lowry, M.M. *see* Deptuck, D. 23498
Lowry, M.M. *see* Deptuck, D. 24119
Lowry, M.M. *see* Kouzes, R.T. 46320
Lowson, M.V. A new prediction model for wind turbine noise 25337
Lowther, D.A., Freeman, E.M. Upper and lower bounding—an equivalent circuit viewpoint 44232
Lowther, R.E. *see* Lin, C.-C. 10801
Loxsom, F., Durongkaveroj, P. Estimating the performance of a photovoltaic pumping system 33175
Loy, D. *see* Prinz, J. 45623
Loy, J.M. *see* Jacobsen, W.F. 15958
Loy, M. *see* Ragle, D. 43004
Loyer, F., Scheidt, K. Project of a beam position monitor for the ESRF storage ring 15447
Loyer, F. *see* Plouviez, E. 7083
Loyer, F. *see* Scheidt, K. 15450
Loys, M. *see* Demoulin, L. 25610
Lozach, B. *see* Le Guyader, A. 13154
Lozano, A. *see* Rius, J.M. 30871
Lozano, M. *see* Cane, C. 2007
Lozano, M. *see* Gracia, I. 6475
Lozano, M.A. *see* Valero, A. 39954
Lozano, M.A. *see* Valero, A. 39955
Lozano-Alwmany, F. *see* Muller, H. 46319
Lozi, R., Chua, L.O. Secure communications via chaotic synchronization. II. Noise reduction by cascading two identical receivers 37052
Lozic, T. *see* Grajew, G. 37613
Lozinskii, V.M. The AK-100 antenna switch of radio transmitting centers 14764
Lozowski, A. Low cost system for phase noise measurements of microwave oscillators 31109
Lozzi, A. *see* Wei Wen 4817
Lu, A. *see* Abe, K. 7260
Lu, A. *see* Abe, K. 15619
Lu, A. *see* Abe, K. 46930
Lu, A. *see* Coyle, P. 46918
Lu, B., Hu, W. Air traffic control based on satellite 24453
Lu, B. *see* Bernstein, A. 31661
Lu, B. *see* Wang, M.-Z. 31689
Lu, C., McDonald, K.T. Properties of reflective and semitransparent CsI photocathodes 46901
Lu, C.-C., Shin, Y.H. A self-organization network for vector quantization of images 11723
Lu, C.-C. *see* Chew, W.C. 4044
Lu, C.-C. *see* Herzinger, C.M. 35815
Lu, C.-L. *see* Jay, D. 30702
Lu, C.-N., Unum, M.R. Network constrained security control using an interior point algorithm 24706
Lu, C.C., Chew, W.C. Fast algorithm for solving hybrid integral equations [EM wave scattering] 21196
Lu, C.C. *see* Ko, C.Y. 37433
Lu, C.F. *see* Kwan, K.S. 7809
Lu, C.N., Leou, R.C., Cheng, C.L., Rai, T.S. Modelling multiple injection bus in power system state estimation 7838
Lu, C.N. *see* Tsay, M.T. 16306
Lu, C.Y. *see* Liu, R. 19852
Lu, C.Y. *see* Sheng, T.T. 2158
Lu, C.Y. *see* Sun, S.C. 19854
Lu, C.Y. *see* Tseng, B.H.P. 1234
Lu, D., Nakaoka, M. Separately frequency modulated single-ended type quasi-current resonant DC/DC converter with high-frequency-link incorporating forward and flyback hybrid transformer 8505
Lu, D., Tong, C.Q. Feedback bridging fault detection using current monitoring 18599
Lu, F. *see* Miri, S.M. 16912
Lu, F. *see* Swanson, L.S. 35614
Lu, G., Yew, T.L. Image compression using quadtree partitioned iterated function systems 29784
Lu, G. *see* Borchelt, E.F. 33365
Lu, G. *see* Lachapelle, G. 7577
Lu, G. *see* Lachapelle, G. 30935
Lu, G. *see* Moravec, T.J. 17913
Lu, G.-Q., Sutterlin, R.C., Gupta, T.K. Effect of mismatched sintering kinetics on camber in a low-temperature cofired ceramic package 316
Lu, G.J., Pung, H.K., Chua, T.S. Mechanisms of MPEG stream synchronization 45414
Lu, H., Li, G.P., Makino, T. High-speed performance of partly gain-coupled 1.55-μm strained-layer multiple-quantum-well DFB lasers 20779
Lu, H. *see* Li, G.P. 12160
Lu, H. *see* Makino, T. 35796
Lu, H.B., Xu, S.F., Tian, Y.J., Cui, D.F., Chen, Z.H., Zhang, Y.Z., Li, L., Yang, G.Z. Preparation of large-area high-quality YBCO thin films by pulsed laser deposition and Si heater and composite scanning of laser and target 33716
Lu, H.Q., Todhunter, J.S., Sze, T.W. Congruence conditions for nonplanar developable surfaces and their application to surface recognition 5125
Lu, J., Healy, D.M., Jr., Weaver, J.B. Signal recovery and wavelet reproducing kernels 13329
Lu, J., Weaver, J.B., Healy, D.M., Jr., Xu, Y. Noise reduction with a multiscale edge representation and perceptual criteria 13666
Lu, J. *see* Xiong, G.C. 35257
Lu, J.-Y., Greenleaf, J.F. Steering of limited diffraction beams with a two-dimensional array transducer 16053
Lu, J.-y., Greenleaf, J.F. Sidelobe reduction for limited diffraction pulse-echo systems 24553
Lu, J.C. *see* Lin, F.Y.S. 45285
Lu, J.P. *see* Yeh, S.C. 46843
Lu, K., Brazil, T.J. A systematic error analysis of HP 8510 time-domain gating techniques with experimental verification 6363
Lu, K. *see* Coronado, C.A. 41337
Lu, K.W. *see* Liew, S.C. 37170
Lu, L. *see* Dobson, I. 24604
Lu, N. Natural linewidth of a micromaser 11912
Lu, P. *see* Tzer-Hsiang Huang 43624
Lu, P.-C. *see* Liu, J.-C. 4143
Lu, P.F. *see* Chuang, C.T. 41798
Lu, P.F. *see* Shin, H.J. 34045
Lu, P.F. *see* Wu, B.S. 19983
Lu, P.X. *see* Xu, Z.Z. 35688
Lu, Q. *see* Hodgson, N. 3493
Lu, Q. *see* Taylor, D.W. 35218
Lu, R.C. *see* Pickering, L.W. 36189
Lu, R.M.T., Steinhaus, B.M., Dawson, A.K. The occurrence of anodal stimulation during bipolar pacing in implantable pacemakers 39102
Lu, S., Hogg, B.W., Li, N. An integration average model for boiler evaporation system simulation 16658
Lu, S., Liu, Y. FEM analysis of DC saturation to assess transformer susceptibility to geomagnetically induced currents 25491
Lu, S.-K., Wu, C.-W., Juo, S.-Y. Design of easily testable VLSI arrays for discrete cosine transform 26981
Lu, S.-L., Merani, L. Micro data flow 18686
Lu, S.-Y. *see* Pezzaniti, J.L. 11707
Lu, S.L. Improved design of CMOS multiple-input Muller-C-elements 1166

Lu, S.S., Wang, Y.J. A GSMBE grown GaInP/GaAs narrow base DHBT exhibiting N-shape negative differential resistance with variable peak-to-valley current ratio up to 1×10^7 at room temperature 42889
Lu, S.S. *see* Yen, J.Y. 40240
Lu, S.W. *see* Tsai, M.-J. 34305
Lu, T. *see* Lin, F. 3899
Lu, T. *see* Sadovnik, L. 36859
Lu, T.-G. *see* Hong, Y.-Y. 7842
Lu, T.-M. *see* Dabral, S. 294
Lu, T.-M. *see* Liu, W.-T. 26185
Lu, T.C., Kuo, J.B. An analytical SiGe-base HBT model and its effects on a BICMOS inverter circuit 43133
Lu, T.C. *see* Kuo, J.B. 19984
Lu, T.C. *see* Kuo, J.B. 35062
Lu, W., Ou, H.J., Chen, M.H., Huang, X.L., Shen, S.C., Gu, R.H., Ye, L.B. Application of GaAs/GaAlAs multiple-quantum-well infrared detector array in the infrared imaging camera 46496
Lu, W.S. *see* Kirlin, R.L. 6156
Lu, X. *see* Bhattacharya, P. 22050
Lu, Y., Fernandez, F.A. An efficient finite element solution of inhomogeneous anisotropic and lossy dielectric waveguides 21320
Lu, Y., Harrington, R.F. Electromagnetic scattering from a plane conductor containing two slots terminated by a microwave network, TE case 29146
Lu, Y., Ilsin An, Gunes, M., Wakagi, M., Wronski, C.R., Collins, R.W. Nucleation and growth of hydrogenated amorphous silicon-carbon alloys: Effect of hydrogen dilution in plasma-enhanced chemical vapor deposition 9698
Lu, Y., Kuo, H.C., Shen, H., Taysing-Lara, M., Wraback, M., Pamulapati, J., Dutta, M., Kosinski, J., Sacks, R. Creation of in-plane anisotropic strain in GaAs/$Al_xGa_{1-x}As$ multiple quantum well structure 27529
Lu, Y. *see* Gualtieri, J.G. 20048
Lu, Y. *see* Gurary, A.I. 9540
Lu, Y. *see* Han, W.Y. 19427
Lu, Y. *see* Lee, H.S. 1937
Lu, Y. *see* Li Junchang 28955
Lu, Y. *see* Luo, B. 43886
Lu, Y. *see* Pamulapati, J. 20402
Lu, Y. *see* Vuong, S.T. 37139
Lu, Y. *see* Wang, J. 35783
Lu, Y. *see* Yang, L.W. 11167
Lu, Y.-F. *see* Meagher, G. 24042
Lu, Y.C., Zhou, P., Cheng, J. A directly modulated pulse-compressed and time-multiplexed optical source for high-speed multiple-access networks 23004
Lu, Y.C. *see* Hsu, C.C. 41359
Lu, Y.C. *see* Prasad, S. 20009
Lu, Y.M., Fan, X.W., Guan, Z.P., Yang, B.J. Picosecond optical bistability of ZnTe-ZnS strained layer superlattices grown on transparent substrate BaF_2 by MOCVD 44120
Lu, Y.T. *see* Su, Y.K. 34570
Lu, Z. *see* Padmapani, N.C. 2087
Lu, Z.H., Bryskiewicz, B., McCaffrey, J., Wasilewski, Z., Graham, M.J. Ultraviolet-ozone oxidation of GaAs(100) and InP(100) 27730
Lu, Z.H., Hanna, M.C., Oh, E.G., Majerfeld, A., Wright, P.D., Yang, L.W. Non-destructive evaluation of *npn* AlGaAs/GaAs heterojunction bipolar transistors by photoluminescence 2452
Lu, Z.H., Landheer, D., Baribeau, J.-M., Huang, L.J., Lau, W.W. Si/Ge/S multilayer passivation of GaAs(100) for metal-insulator-semiconductor capacitors 42948
Lu, Z.H. *see* Mao, E. 1888
Lu, Z.K. *see* Wang, H. 9780
Lu, Z.P. *see* Snail, K.A. 41378
Lu Baohua *see* Yan Yi 12605
Lu Baosheng *see* Huo Yujing 20671
Lu Bing *see* Bing Lu
Lu Bo *see* Bo Lu
Lu Cai-Cheng *see* Cai-Cheng Lu
Lu Cheng-Chang *see* Cheng-Chang Lu
Lu Chun-Feng *see* Chun-Feng Lu
Lu Chun-Lin Digital image centering with the maximum likelihood method 4785
Lu Chunyi *see* Wang Xiangwu 10441
Lu Dajin *see* Zhan Puming 21643
Lu Dajin *see* Zhan Puming 44751
Lu Fan *see* Cheng Yongyuan 25324
Lu Fan *see* Cheng Yongyuan 25744
Lu Fan *see* Chien-Hsun Ho 19000
Lu Fan *see* Chien-Hsun Ho 34223
Lu Fan *see* Chien-Hsun Ho 42171
Lu Fan *see* Navarro, J.A. 36440
Lu Fang *see* Fang Lu
Lu Feipeng *see* Mi Linshu 47565
Lu Fuquan *see* Gao Haibin 15646
Lu Fuquan *see* Wu Weimin 23997
Lu Fuyun *see* Lu Kecheng 28721
Lu Guo-Lin *see* Lin Peng 31414
Lu Guo-Lin *see* Yuan Xiang-Hui 38548
Lu Guofu *see* Guofu Lu
Lu Guojun *see* Guojun Lu
Lu Guowen *see* Guowen Lu
Lu Hao Fast and parallel algorithms for solution of Vandermonde and Hilbert linear systems and inversion of their coefficient matrices 18077
Lu Hui *see* Zhang Quansheng 20885
Lu Huibin *see* Huibin Lu
Lu Huijuan *see* Deng Bihe 28700
Lu Jian *see* Jian Lu
Lu Jian Feng *see* Jian Feng Lu
Lu Jian-Qin, Xie Da-Lin, Zhang Sheng-Qun, Chen Chai-Erh The beam pulsing system for the 600 kV neutron generator 15496
Lu Jianhong, Xu Zhigao, Chen Laijiu The feedback realization of the generalized Nyquist multivariable predictive control and its application 25187
Lu Jiazheng, Li Langru, Shao, K.R. Calculation of 3D transient eddy current using finite edge element 3998
Lu Jiazheng *see* Jiazheng Lu
Lu Jingchao *see* Zhang Hongcai 7569
Lu Junqi *see* Junqi Lu
Lu Juntao *see* Juntao Lu
Lu Kai *see* Chen Jiabin 21181
Lu Kecheng, Yuan Shuzhong, Lu Fuyun, Kai Guiyun Mode splitting of argon-ion laser and properties of beat spectrum 28721
Lu Lian-Hua *see* Kuang Jiao-Xun 41174
Lu Liwu, Zhou Jie, Qu Wei, Zhang Shenglian Deep level studies of interfacial traps of p-InP metal-insulator-semiconductor structure 34608
Lu Liwu, Zhou Jie, Wu Guoying Deep levels in silicon as a result of Ti sputtering and $TiSi_2$ formation 10729
Lu Liwu *see* Li Xiuqiong 27789
Lu Ming Robust signal subspace methods for direction finding via projection operation 46122
Lu Ming *see* Ming Lu
Lu Ming-Chin *see* Ming-Chin Lu
Lu Ming-Jeng *see* Ming-Jeng Lu
Lu Ming-Wei *see* Ming-Wei Lu
Lu Mingzhe *see* Qiu Xiaodong 29042
Lu Mingzhe *see* Zhan Yuanling 21115
Lu Pei-xiang *see* Pei-xiang Lu
Lu Peihua *see* Cheng Ruihua 20690
Lu Peihua *see* Liu Yupu 3476
Lu Peihua *see* Xiao Gangyao 12031
Lu Peixiang *see* Ouyang Bin 3557
Lu Peixiang *see* Peixiang Lu
Lu Ping-Hung *see* Ping-Hung Lu
Lu Po-Chiang *see* Po-Chiang Lu
Lu Pong-Fei *see* Pong-Fei Lu
Lu Quan *see* Zhang Xing 28120
Lu Quankang Ion cyclotron maser instability 20589
Lu Ru-Feng *see* Zhang Yao-Ke 41179
Lu Shihe *see* Sun Guanghui 7862
Lu Shinan, Qi Shiqian, Zhang Jialu Study on the naturalness of synthetic speech 44768
Lu Taijing *see* Ogawa, T. 905
Lu Taiwei *see* Taiwei Lu
Lu Tao, Chen Ji-Hong, Huang Qi-Kui Investigation of the cutting tool groove 3D scanning measurement system and its instrument 31119
Lu Weiping *see* Weiping Lu
Lu Wong Kin *see* Kin Lu Wong
Lu Wu *see* Ren Diyuan 9984
Lu Xiao-Dong, Jiang Xiang-Qian, Xie Tie-Bang, Li Zhu Design of a surface roughness measuring sensor with high accuracy and wide dynamic range 31159
Lu Xiao-Ming *see* Chen Wen-Xian 23900
Lu Xiuling *see* Zhang Quansheng 20885
Lu Xiuqin *see* Li Zhichang 7293
Lu Xu Cheng *see* Xu Cheng Lu
Lu Xuekun *see* Xuekun Lu
Lu Yaxiong Algebraic analysis method of mode for axially-asymmetric optical resonators 12270
Lu Yaxuan, Sun Jiahua, Li Xiaojun, Zhou Bo, Li Diangou, Liu Wansheng Investigation and analysis of corrosion mechanism after simulated test 25803
Lu Yaxuan *see* Sun Jiahua 25801
Lu Yaxuan *see* Zhou Bo 25802
Lu Yi-Chuan *see* Yi-Chuan Lu
Lu Yin-Chen *see* Yin-Chen Lu
Lu Ying *see* Ying Lu
Lu Yiqun *see* Xu Jiande 7986
Lu Yong-Feng *see* Yong-Feng Lu
Lu Youchang *see* Zhou Bin 25839
Lu Youchang *see* Youchang Lu
Lu Yuanrong *see* Chen Chia-Erh 15520
Lu Yuchun *see* Chen Jianguo 20670
Lu Yuchun *see* Wu Lan 12236
Lu Yucun *see* Yucun Lu
Lu Yue-Sheng *see* Yue-Sheng Lu
Lu Yuelan *see* Zhang Hanzhuang 35689
Lu Yulin *see* Yu Huaizhi 41390
Lu Yunrong *see* Yunrong Lu
Lu Yuping, Shi Shiwen, Wu Ji Algorithm of microcomputer-based backup protection for generator-transformer unit 8268
Lu Yusheng *see* Chen Chang 46880
Lu Zaitong *see* Zaitong Lu
Lu Zhang *see* Radhakrishna Rao, C. 45011
Lu Zhang-Ning *see* Zhang-Ning Lu
Lu Zhaoyi, Saito, T. An improved type of multistar LAN 37389
Lu Zhaoyi *see* Wang Siming 22591
Lu Zhen-Wu *see* Zhen-Wu Lu
Lu Zhi-Ming *see* Hu Dan-Kang 38690
Lu Zhiping *see* Zhiping Lu
Lu Zhong-Zou *see* Ma Jianglei 21359
Lu Zhong-Zuo *see* Hong Wu 44577
Lu Zhong-Zuo *see* Jun Qian 4222
Lu Zukang *see* Tu Dawei 6796
Lu-Tai Guan *see* Guan Lu-Tai
Luan, S., Hutchinson, M.H.R., Smith, R.A., Zhou, F. High dynamic range third-order correlation measurement of picosecond laser pulse shapes 20969
Luan, S. *see* Danson, C.N. 3569
Luan Guidong, Zhang Jinduo, Huang Jinlai, Gu Hairen, Zhang Xianyi A PVDF film hydrophone by produced pour forming 32135
Luan Guixing *see* Miao Yongcheng 33809
Luba, T., Rybnik, J. Algorithmic approach to discernability function with respect to attributes and objects reduction 41052
Lubachevsky, B. *see* Nicol, D. 5311
Lubaszewski, M., Courtois, B. On the design of self-checking boundary scannable boards 1724
Lubbe, J.C.A.Van Der *see* Van Der Lubbe, J.C.A.
Lubbers, M. *see* Solomon, D. 17875
Lubchenko, E. *see* Chai, D.T. 6245
Lubecke, V.M., McGrath, W.R., Rutledge, D.B. A 100 GHz coplanar strip circuit tuned with a sliding planar backshort 27178
Lubell, M.S. *see* Asoka-kumar, P. 23994
Lubelsmeyer, K., Pandoulas, D., Schmitz, D., Wallraff, W., Zeng, Y. Determination of the Higgs production vertex in $pp\rightarrow(H^0\rightarrow\gamma\gamma)+X$ using charged tracks 46971
Lubelsmeyer, K. *see* Bock, R. 7228
Lubianiker, Y. *see* Balberg, I. 1862
Lubic, K. *see* Moinpour, M. 9734
Lubic, K. *see* Moinpour, M. 34758
Lubin, J.A. *see* Huber, C.A. 33763
Lubinas, V., Joyner, K.H. Measurement of RF induced ankle currents 15936
Lubinas, V. *see* Fleming, A.H.J. 15937
Lubinski, M.A. *see* Yemelyanov, S.Y. 7400
Lubinsky, D.S. *see* De Bruin, M.G. 26336
Lubke, R.A. *see* Gallo, M.A. 31280
Lubkeman, D.L. *see* Girgis, A.A. 47498
Lubking, G.W. *see* Kovacs, G. 15097
Lubrano, P. *see* Borer, K. 7221
Lubrano di Scampamorte, M. *see* Kowalewicz, R. 15411
Luby, M. *see* Herzberg, A. 12936
Lubyshev, D.I., Rossi, J.C., Gusev, G.M., Basmaji, P. Nano-scale wires of GaAs on porous Si grown by molecular beam epitaxy 730
Lubyshev, D.I. *see* Panaev, I.A. 19337
Luc, F. *see* Rosencher, E. 23574
Luc, F. *see* Vinter, B. 46447
Luca, M.De *see* De Luca, M.
Luca, O.De *see* De Luca, O.
Lucantoni, D.M. The BMAP/G/1 queue: a tutorial 5225
Lucas, G.L. Laminate developments enhance PCB performance 1721
Lucas, J. *see* Bakos, G.C. 21939
Lucas, J. *see* Bicknell, A. 40991
Lucas, J. *see* Dearden, G. 43979
Lucas, J. *see* Goldstein, D.H. 32168
Lucas, J. *see* Ross, W.E. 28533
Lucas, J. *see* Stone, D.A. 31314
Lucas, J. *see* Stuart, R.A. 43702
Lucas, J. *see* Tsai, M.J. 45973
Lucas, J. *see* Zhang, X.H. 3012
Lucas, J.R. *see* Keerthipala, W.W.L. 7989
Lucas, K.D., Stroiwas, A.J., Low, K.K., Chi-Min Yuan Intensity optimization for phase shifting masks 2340
Lucas, N., Taylor, P. Structural deficiencies in electricity pricing in the pool 24746
Lucas, R. *see* De Filippo, E. 46876
Lucassen, J. *see* Ivanov, A.A. 28772
Lucat, C. *see* Dutronc, P. 6641
Lucat, C. *see* Dutronc, P. 6656
Lucat, C. *see* Gouverneur, S. 19254
Lucat, P., Sculy, I. Development of very large CFB boilers: 125 MWe, 250 MWe and beyond 39968
Lucchese, A. *see* Wagner, L.F. 11176
Lucchesi, D. *see* Bellamy, E.H. 31733
Lucchesi, D. *see* Bellamy, E.H. 46956
Luce, W. *see* Couto, L. 17887
Lucek, J., Smith, K., Blow, K. Ultrafast all-optical information processing 12406
Lucek, J.K., Smith, K. All-optical signal regenerator 4808
Lucek, J.K. *see* Smith, K. 23077
Lucente, M. *see* Klug, M.A. 36047
Lucente, M. *see* St-Hilaire, P. 29053
Lucey, G. *see* Hwang, J.S. 33755
Lucey, G.K., Jr. *see* Sunwoo, A.J. 1717
Lucey, M. Ultraviolet curable coatings for rework on printed circuit boards 42303
Luchaninov, A.I., Naryzhnaya, V.V., Shokalo, V.M., Shcherbina, A.A. Analysis and design of DC power combiners for rectennas. 2. Improvement of power combining efficiency by equalising the current or voltage of power rectifiers across the array 29356
Luches, A. *see* Mihailescu, I.N. 813
Luchetta, A. *see* Hemming, O.N. 8096
Luchies, J.M., Kuper, F., Verweij, J. On the use of DC measurements for ESD-related process monitoring 2520
Luchies, J.M. *see* de Kort, K. 43056
Luchinin, V.V. *see* Drachev, A.E. 28394
Luchinskiy, D.G. *see* Dykman, M.I. 21707

Luchinsky, D.G. *see* Dykman, M.I. 41711
Luchinsky, N.N. Machine running irregularity energy losses 47833
Lucht, R.P. *see* Danehy, P.M. 12342
Luchvich, A.A., Novikov, S.A., Khil'ko, G.I. Surface roughness evaluation by acoustic microscopy 23905
Luci, C. *see* Dionisi, C. 7222
Lucia, M.de *see* de Lucia, M.
Lucia, M.L. *see* Hernandez-Rojas, J.L. 33723
Luciani, L., Di Fabrizio, E., Grella, L., Baciocchi, M., Figliomeni, M., Gentili, M., Mastrogiacomo, L., Maggiora, R., Kraspenova, A., Reilly, M. Metrology for replicated X-ray masks using an electron-beam machine 27926
Luciani, L. *see* Di Fabrizio, E. 27925
Luciani, L. *see* Gentili, M. 27982
Luciani, L. *see* Guo, J.Z.Y. 27977
Luciani, L. *see* Krasnoperova, A.A. 31816
Luciano, A. *see* Lirer, G. 17057
Luciano, A.M. *see* Fratelli, L. 17066
Lucidarme, J., Amouri, A., Poloujadoff, M. Optimum design of longitudinal field variable reluctance motors—application to a high performance actuator 25399
Luck, C.F. *see* Bates, J.B. 17251
Lucke, L.E., Parhi, K.K. Data-flow transformations for critical path time reduction in high-level DSP synthesis 1242
Lucke, R.L. Nyquist reconstruction as the limit of trigonometric interpolation 29589
Lucke, R.L., Stocker, A.D. Filtering interpolators for frame differencing signal processors 4616
Luckemeyer, J.A., Franke, E.A. Reworking aircraft canopies 47328
Luckenbach, T. *see* Fan, C. 5602
Luckjiff, G., Venkataramanan, G. High density PWM amplifier works efficiently with low inductance motors 47905
Luckjiff, G., Venkataramanan, G. A high density PWM amplifier for low inductance motors 47913
Luckjiff, G.A. *see* Chen, C. 8574
Lucklum, R. *see* Hauptmann, P. 6402
Lucovsky, G., Bjorkman, C.H., Yasuda, T., Emmerichs, U., Meyer, C., Leo, K., Kurz, H. Thermal relaxation phenomena in the formation of device-quality SiO_2/Si interfaces 27601
Lucovsky, G., Ma, Y., He, S.S., Yasuda, Y., Stephens, D.J., Habermehl, S. Quasi-stoichiometric silicon nitride thin films deposited by remote plasma-enhanced chemical-vapor deposition 9792
Lucovsky, G. *see* Emmerichs, U. 21015
Lucovsky, G. *see* Hattangady, S. 2174
Lucovsky, G. *see* Hattangady, S. 27690
Lucovsky, G. *see* He, S.S. 10774
Lucovsky, G. *see* He, S.S. 11227
Lucovsky, G. *see* He, S.S. 28144
Lucovsky, G. *see* He, S.S. 34991
Lucovsky, G. *see* He, S.S. 42947
Lucovsky, G. *see* Keilliher, J.T. 18189
Lucovsky, G. *see* Kurz, H. 43614
Lucovsky, G. *see* Ma, Y. 2172
Lucovsky, G. *see* Ma, Y. 27597
Lucovsky, G. *see* Stephens, D.J. 21016
Lucovsky, G. *see* Turner, W.A. 10656
Lucovsky, G. *see* Turner, W.A. 27470
Lucovsky, G. *see* Wan, Z. 34738
Lucovsky, G. *see* Williams, M.J. 28598
Lucovsky, G. *see* Williams, M.J. 35558
Lucovsky, G. *see* Yasuda, T. 2150
Lucovsky, G. *see* Yasuda, T. 34618
Lucovsky, G. *see* Yasuda, Y.Ma. 19456
Lucyszyn, S., Pilchen, Y., Robertson, I.D., Aghvami, A.H. Ku-band serrodyne frequency translator using wideband MMIC analogue phase shifters 27269
Lucyszyn, S. *see* Karacaoglu, U. 42215
Ludeke, K.-M. *see* Dossel, O. 15821
Ludeke, R. *see* Bauer, A. 27471
Ludeman, L.C. Small sample maximum likelihood estimation of defibrillation dose-response success curves 39103
Luder, E. *see* Zeile, C. 3213
Luder, E. *see* Zurawka, T. 13412
Ludi, H. *see* Fettinger, J.C. 14966
Ludicke, F. *see* Bosse, H. 31209
Ludicke, F. *see* Bosse, H. 46633
Ludman, J., Caulfield, H.J., Morozov, V. Wavefront reconstruction using self referenced direct drive adaptive optics 12427
Ludmirski, E.A. *see* Babaian, A.Z. 15398
Ludmirsky, E.A. *see* Asscev, A.A. 15403
Ludorf, R.P. *see* Adler, R.B. 47543
Ludovici, L. *see* Dionisi, C. 7222
Ludovico, A. *see* Daurelio, G. 21135
Ludowise, M.J. *see* Caracci, S.J. 35843
Ludtke, K. Electronically commutated servomotors for robot drives 47906
Ludvigsen, B. Altruism and benefit in cyberspace 37420
Ludvigsen, E. Centralised network management 14022
Ludviksson, A. *see* Nooney, M. 27683
Ludwig, C. *see* Ueyama, Y. 45707
Ludwig, F. *see* Koelle, D. 6455
Ludwig, F. *see* Koelle, D. 28416
Ludwig, G. *see* Fay, B. 16052
Ludwig, H. *see* Bosterling, W. 26695
Ludwig, I. *see* Bauch, L. 2311
Ludwig, M. *see* Hornung, J. 3380
Ludwig, M.H., Meyer, E., Heymann, G., Chasse, T. Electrical properties of Rh/n-GaAs contacts: a comparison of different preparation methods 1926
Ludwig, P. *see* Melin, G. 15579
Ludwig, R., Raybon, G. BER measurements of frequency converted signals using four-wave mixing in a semiconductor laser amplifier at 1, 2.5, 5 and 10 Gbit/s 35991
Ludwig, R., Raybon, G. All-optical demultiplexing using ultrafast four-wave-mixing in a semiconductor laser amplifier at 20 Gbit/s 38127
Ludwig, R. *see* Ehrhardt, A. 22306
Ludwig, R. *see* Eiselt, M. 5668
Ludwig, R. *see* Schnabel, R. 29022
Ludwig, R. *see* Schnabel, R. 38076
Ludwig, R. *see* Schnabel, R. 38128
Ludwig, U. *see* Lohmann, D. 46810
Ludwig-Mertin, U. *see* Euteneuer, H. 15286
Ludziejewski, T. *see* Moszynski, M. 15632
Lue, J.T. *see* Chen, K. 35296
Luebbers, R. Lossy dielectrics in FDTD 35098
Luebbers, R. Effects of waveguide wall grooves used to hold samples for measurement of permittivity and permeability 38664
Luebbers, R., Steich, D., Kunz, K. FDTD calculation of scattering from frequency-dependent materials 29145
Luebbers, R.J. *see* Beggs, J.H. 29284
Luebbers, R.J. *see* Beggs, J.H. 44197
Luebbers, R.J. *see* Chen, L. 29346
Luebbers, R.J. *see* Penney, C.W. 29319
Luebbers, R.J. *see* Trueman, C.W. 41221
Luebke, W. *see* Kaplan, D.M. 7226
Luee Ting-Jie *see* Ting-Jie Luee
Luehrmann, P., van Oorschot, P., Jasper, H., Stalnaker, S., Brainerd, S., Rolfson, B., Karklin, L. 0.35 μm lithography using off-axis illumination 2271
Luehrmann, P., van Oorschot, P., Jasper, H., Stalnaker, S., Brainerd, S.K., Rolfson, B. 0.35-μm lithography using off-axis illumination 42798
Luehti, H. *see* Alhaus, R. 25226
Luerken, G. *see* Dietrich, J. 7097
Luettgen, M.R., Clem Karl, W., Willsky, A.S. Efficient multiscale regularization with applications to the computation of optical flow 37025
Luettgen, M.R., Karl, W.C., Willsky, A.S., Tenney, R.R. Multiresolution statistical methods in image analysis 36783
Luettgen, M.R., Karl, W.C., Willsky, A.S., Tenney, R.R. Multiscale representations of Markov random fields 44971
Luft, M. Accuracy analysis of strain gauge transducers with nonlinear static characteristic 14956
Luftman, H. *see* Eaglesham, D.J. 18200
Luftman, H. *see* Green, M.L. 832
Luftman, H.S. *see* Choquette, K.D. 27729
Luftman, H.S. *see* Fitzgerald, E.A. 42459
Luftman, H.S. *see* Gossmann, H.-J. 19507
Luftman, H.S. *see* Gossmann, H.-J. 19529
Luftman, H.S. *see* Hong, M. 42698
Luftman, H.S. *see* Moriya, N. 42448
Lugagne-Delpon, E. *see* Andre, J.P. 41293
Lugansky, L.B., Podolyak, E.R. Correction of a magnetic field generated by a solenoid 2919
Lugansky, L.B., Travkin, V.V., Bubnov, V.P., Krainskii, I.S. Superconducting magnet with uniform field 2918
Lugiato, L.A. *see* Brambilla, M. 35917
Lugiato, L.A. *see* Coates, A.B. 35650
Lugiato, L.A. *see* Oppo, G.-L. 44060
Lugli, P., Di Carlo, A., Vogl, P., Zandler, G. Light emission from hot carriers in polar semiconductor devices 35601
Lugli, P. *see* Kux, A. 28648
Luglio, M. *see* Corazza, G.E. 22973
Lugosi, G. *see* Farago, A. 4794
Lugosi, G. *see* Linder, T. 4387
Lugovaya, G.Ya. *see* Bannaya, V.F. 34493
Lugovic, M. Mathematical model of heat exchange mechanism for high power hybrid integrated circuits 34457
Lugovskoi, A.V. *see* Aleksandrov, A.F. 46803
Lugovskoy, A.V. *see* Aleksandrov, A.F. 11908
Lugschitz, H. *see* Hadrian, W. 7972
Lugten, M.C. *see* Bodewes, H. 40672
Luh, E.Y. *see* Dolhert, L.E. 9285
Luh, H.-t.A. *see* Min, H.B. 1133
Luh, J.Y.S. *see* Qin Chen 45097
Luh, P.B. *see* Yan, H. 24615
Luh, S.-W. *see* Lin, J.-F. 43951
Luhanga, M.L., Mwandosya, M.J., Luteganya, P.R. Optimization in computerized energy modelling for Tanzania 8044
Luhmann, N. *see* Zhang, R. 43690
Luhmann, N.C., Jr. *see* Chong, C.K. 27430
Luhmann, N.C., Jr *see* Gover, A. 35903
Luhmann, N.C., Jr. *see* Huang, P. 23862
Luhmann, N.C., Jr. *see* Sjogren, L.B. 34280
Luhmann, N.C., Jr. *see* Wang, Q.S. 27429
Luhmann, N.C., Jr. *see* Zu Qinxin 12020
Lui, A., Margesin, B., Maglione, A., Pignatel, G.U. Technological aspects concerning the realization of ion implanted Si-bolometers 24030
Lui, A. *see* Bellutti, P. 42569
Lui, H.-K. *see* Zhou, S. 11781
Lui, M., McFarlane, R.A., Yap, D. MBE growth of rare-earth doped fluoride insulators on semiconductors for laser applications 9664
Lui, M. *see* Larson, L. 34239
Lui, M. *see* Matloubian, M. 28189
Lui, M. *see* Nguyen, L. 1526
Lui, M. *see* Scott, J.S. 42854
Lui, M. *see* Scott, J.S. 42860
Lui, M. *see* Shealy, J.B. 43012
Lui, Q.-H., Chew, W.C. A CG-FFHT method for the solution of EM field in axisymmetric inhomogeneous media 41226
Lui, W. *see* Seki, S. 35879
Lui, W. *see* Yamanaka, T. 12115
Lui, W. *see* Yokoyama, K. 12163
Lui, W.W., Yamanaka, T., Yoshikuni, Y., Seki, S., Yokoyama, K. Optimum strain for the suppression of Auger recombination effects in compressively strained InGaAs/InGaAsP quantum well lasers 43834
Lui, W.W., Yamanaka, T., Yoshikuni, Y., Yokoyama, K., Seki, S. Suppression of Auger recombination effects in compressively strained quantum-well lasers 12108
Lui Hao *see* Cai Song 25322
Lui Ho Chung *see* Ho Chung Lui
Lui Shiyong *see* Ma Chunsheng 20325
Luigjes, G. *see* Kroes, F.B. 7141
Luijckx, G. *see* Maass, R. 15387
Luik, I., Speakman, N.O., Laurendine, C., Sellers, J. Precessional servo system for radial arm type robot 48168
Luiken ter Haseborg, J. *see* Mewes, H. 36285
Luisa De Giorgi, M. *see* Mihailescu, I.N. 813
Luise, M., Reggiannini, R. Combined modulation and coding for continuous-phase FSK with nonuniform alphabet 4372
Luise, M. *see* D'Andrea, N.A. 14399
Luise, M. *see* De Gaudenzi, R. 22301
Luiten, A.N., Mann, A.G., Blair, D.G. Cryogenic sapphire microwave resonator-oscillator with exceptional stability 42185
Luiten, A.N. *see* Costa, M.E. 27243
Luiten, A.N. *see* Mann, A.G. 18992
Luiz, A.M. Superconducting negative resistance switches 11537
Lujan, R. *see* Hack, M. 34990
Lujan, R.A. *see* Mei, P. 42911
Lujan, R.D. *see* Cheek, R.W. 829
Lujan, R.D. *see* Cheek, R.W. 18255
Lujun Yin *see* Yin Lujun
Luk, A. *see* Leung, S.H. 13005
Luk, A. *see* Leung, S.H. 14494
Luk, A. *see* Ng, H.C. 13070
Luk, F.T., Qiao, S. An easily-updatable approximate generalized singular value decomposition 33502
Luk, F.T., Sanzheng Qiao A new matrix decomposition for signal processing 21821
Luk, F.T., Sanzheng Qiao Analysis of a linearly constrained least squares algorithm for adaptive beamforming 29651
Luk, K.-M., Cullen, A.L. Three-dimensional Gaussian beam reflection from short-circuited isotropic ferrite slab 4048
Luk, K.-M. *see* Au, T.-M. 21413
Luk, K.M., Leung, K.W., Lai, K.Y.A., Lin, D. Analysis of hemispherical dielectric resonator antenna 12759
Luk, K.M., Leung, K.W., Lai, K.Y.A., Lin, D. Analysis of hemispherical dielectric resonator antenna 21378
Luk, K.M., Tong, K.F., Au, T.M. Offset dual-patch microstrip antenna 4301
Luk, K.M. *see* Leung, K.W. 4274
Luk, K.M. *see* Leung, K.W. 29294
Luk, K.M. *see* Shum, S.M. 36387
Luk, K.M. *see* Yung, E.K.N. 36377
Luk, P.C.K., Jayne, M.G., Payne, R.R. On applying parallel processing in advanced control of induction motor drives 40077
Luk, P.C.K., Jayne, M.G., Rees, D. The development of an integrated induction motor drive system using a network of transputers 47870
Luk, T., Hosseini, M. The effects of electrical package models on product design and performance 373
Luk Shu Fun *see* Shu Fun Luk
Lukac, M., Cencic, S., Nemes, K. Influence of direct and cross-relaxation pumping processes on the output energy and thermal load of an Er:YAG laser 35709
Lukac, M. *see* Majaron, B. 28752
Lukac, M. *see* Marincek, M. 35730
Lukakhin, A.V. *see* Novikov, V.A. 25342
Lukaniszyn, M. *see* Zakrzewski, K. 47938
Lukas, F.X. The Easy Link to anyone, anywhere, anytime 5343
Lukas, M.A. Asymptotic optimality of generalized cross-validation for choosing the regularization parameter 26346
Lukashenko, L.I. *see* Samofalov, V.N. 20135
Lukasik, E., Stasinski, R. Certain aspects of fixed point FFT and WFTA rounding errors comparison 9498
Lukaszek, L. *see* Bill, R. 8304
Lukaszek, T. *see* Himmel, J. 20117
Lukaszek, T. *see* McGowan, R. 2748
Lukaszek, T. *see* McGowan, R. 2776
Lukaszek, T. *see* Nakazawa, M. 23518

Lukaszek, W., Quek, E., Dixon, W. CHARM2: towards an industry-standard wafer surface-charge monitor 1980
Lukaszek, W. *see* Freeman, G. 35088
Lukaszewicz, M. *see* Czarczynska, H. 1752
Luke, K.L. Comment on 'Evaluation of the minority carrier diffusion length and edge surface-recombination velocity in GaAs p/n solar cells' 8763
Lukens, J.E. *see* Siyuan Han 35289
Lukhvich, A.A., Novikov, S.A., Khil'ko, G.I. Laboratory scanning acoustic microscope 16038
Lukhvich, A.A., Sharndo, V.I. Effect of the contact area and of the clamping pressure in thermoelectric thickness measurement 23884
Lukin, A.N. *see* Arapov, L.N. 15283
Lukin, A.V. Holographic interferometer based on four diffraction gratings 12450
Lukin, A.V. *see* Vinogradov, K.M. 21932
Lukin, A.V. *see* Voskovtsova, L.M. 12452
Lukin, E.S., Kozlovsky, V.S., Zalkind, V.I., Shikov, V.K., Safronova, T.V. Electrode elements based on ceramic composites with enhanced thermal shock resistance and electrical conductivity for MHD-generators 25796
Lukin, I.A., Belyakov, M.I., Lebedev, S.F., Liferenko, V.D., Markov, Yu.V. Equipment for a quinary fiber-optic transmission system 14610
Lukin, I.A. *see* Kuritsyn, S.A. 14611
Lukin, I.A. *see* Lebedev, S.F. 14362
Lukin, K.A. High-frequency oscillations from Chua's circuit 1096
Lukin, K.A., Rakityansky, V.A. Application of BWO for excitation of intensive chaotic oscillations of millimeter wave band 27435
Lukin, Yu.I. Choice of double-purpose control cables 7948
Lukishova, S.G., Mendez, N.R.M., Tulaikova, T.V. Investigation of a soft aperture formed by photooxidation of a rare-earth impurity in fluorite and used as an intracavity component in a YAG:Er^{3+} laser 44031
Lukosz, W. Integrated optical nanomechanical devices as modulators, switches, and tunable frequency filters, and as acoustical sensors 3153
Lukosz, W. *see* Nellen, P.M. 23742
Lukosz, W. *see* Pliska, P. 3154
Lukova, O.N. *see* Gorelov, G.V. 4527
Lukova, O.N. *see* Gorelov, G.V. 4676
Lukova, O.N. *see* Gorelov, G.V. 12987
Lukowski, T.I. *see* Touzi, R. 38158
Luksha, P. Modern algebra self-taught through APL 33269
Lukstin'sh, Yu. *see* Aksinenko, V.D. 7265
Lukutin, B.V., Obukhov, S.G. Autoballast voltage stabilization of the asynchronous generator of a small hydroelectric power plant 40046
Lukyanchikova, N.B., Garbar, N.P., Petrichuk, M.V. Noise properties of MOSFETs prepared by ZMR 19812
Luk'yanenko, V.I. *see* Mozol', P.E. 42415
Luk'yanov, A.E., Buzynin, A.N., Butylkin, A.I., Butylkina, N.A. Scanning electron microscope studies of p-n junctions arising in p-Si wafers subjected to argon ion treatment 27523
Luk'yanov, A.E. *see* Katz, E.A. 27462
Luk'yanov, A.E. *see* Katz, E.A. 27463
Lukyanov, A.I. *see* Matyushev, V.V. 3230
Lukyantsev, A.F. *see* Lapitsky, S.N. 7085
Lukyantsev, A.F. *see* Lapitsky, S.N. 7086
Lum, J. *see* Felstein, S. 34362
Lumb, C. *see* Akbar, A. 47551
Lumetta, S., Murphy, L., Xiaoye Li, Culler, D.C., Khalil, I.S. Decentralized optimal power pricing: the development of a parallel program 47399
Lumholt, O., Povlsen, J.H., Schusler, K., Bjarklev, A., Dahl-Petersen, S., Rasmussen, T., Rottwitt, K. Quantum limited noise figure operation of high gain erbium doped fiber amplifiers 20667
Lumholt, O. *see* Bjarklev, A. 43447
Lumholt, O. *see* Rasmussen, T. 11654
Lumholt, O. *see* Rottwitt, K. 5886
Lumia, R. *see* Schneiderman, H. 30050
Lumia, R. *see* Wavering, A.J. 4981
Luminari, L. *see* Dionisi, C. 7222
Lumley, J. *see* Dalton, C. 5473
Lumley, J. *see* Letheren, M. 46330
Lumley, J. *see* Rando, N. 23602
Lumpkin, A.H., Decker, G., Kahana, E., Patterson, D., Sellyey, W., Votaw, A., Wang, X., Chung, Y. Overview of charged-particle beam diagnostics for the Advanced Photon Source (APS) 15341
Lumpkin, A.H., Wilke, M.D. Further time-resolved electron-beam characterizations with optical transition radiation 6972
Lumsdaine, A., Silveira, L.M., White, J.K. Massively parallel simulation algorithms for grid-based analog signal processors 26568
Lun, C.S. *see* Leung, S.H. 13005
Lun Ma Siu *see* Siu Lun Ma
Lun Shau-Ming *see* Shau-Ming Lun
Lun Wang Da *see* Wang Da Lun
Luna, F.D. Printed circuit board design and EMI 27359
Luna, J.C.S., Soler, J.M.L., Ayuso, A.J.R., Teodoro, P.G., Herreros, A.M.P. Simulation of a remote supply service based on the automatic recognition of isolated words 12994
Luna, J.C.S. *see* Ayuso, A.J.R. 12991
Luna, J.C.S. *see* Verdejo, J.E.D. 12988
Lunadei, C. *see* Allegra, S. 5141
Lunardi, L.M. *see* Chandrasekhar, S. 35623
Lunardi, L.M. *see* Chandrasekhar, S. 43639
Lunardi, S. The gamma ray spectrometer GA.SP 7301
Lunazzi, J.J. White-light colour-encoded photography for rendering hold-images in a diffractive screen 12478
Lund, P. Verification of the electromechanical transients program SETPOS by means of comprehensive power-station measurements 39958
Lund, P.D. The energy storage problem in low energy buildings 25695
Lund, P.D. *see* Kauranen, P.S. 16720
Lund, P.D. *see* Peippo, K. 32801
Lund, S.M. *see* Friedman, A. 31565
Lund, T. *see* Yip, P.C.L. 26753
Lund, T. *see* Yip, P.C.L. 26754
Lund-Jensen, B. *see* Adam, W. 7259
Lund-Jensen, B. *see* Adam, W. 31715
Lund-Jensen, B. *see* Minerskjold, M. 7237
Lundberg, B. *see* Ahmed, T. 38929
Lundberg, N., Ostling, M. Formation and characterization of cobalt 6H-silicon carbide Schottky contacts 10734
Lundberg, N., Zetterling, C.-M., Ostling, M. Temperature stability of cobalt Schottky contacts on n-and p-type 6H silicon carbide 19415
Lundermann, P. *see* Konijn, J. 24087
Lundgaard, L., Ildstad, E., Viste, A. Discharges in AC stressed oil gaps 2693
Lundgaard, L. *see* Linhjell, D. 11339
Lundgaard, L.E. *see* Lillevik, O. 8480
Lundgren, L. *see* Nilsen, S.M. 1502
Lundgren, L. *see* Svensson, R. 25724
Lundgren, P., Andersson, M.O., Farmer, K.R. Post-metallization annealing of metal-tunnel oxide-silicon diodes 2413
Lundgren, P. *see* Farmer, K.R. 19735
Lundin, A. *see* Hedgran Schreurs, L. 8483
Lundin, B. *see* Oraevsky, V. 21260
Lundin, R. Dispersion flattening in a W fiber 43396
Lundquist, J. *see* Bergqvist, H. 25001
Lundquist, J.T. *see* Brodd, R.J. 40447
Lundqvist, L., Andersson, J.Y., Paska, Z.F., Borglind, J., Haga, D. Efficiency of grating coupled AlGaAs/GaAs quantum well infrared detectors 23575
Lundsgaard, J.S., Yde-Andersen, S., Kjaer, J., Knudsen, N.A., Skou, E. Solid state electrolyte membranes for direct methanol fuel cells 17298
Lundstrom, A. *see* Clevesson, O. 48487
Lundstrom, I., Sundgren, H., Winquist, F. Generation of response maps of gas mixtures 23750
Lundstrom, I. *see* Arbab, A. 6655
Lundstrom, I. *see* Hedborg, E. 42571
Lundstrom, I. *see* Jansson, R. 20291
Lundstrom, I. *see* Smela, E. 26529
Lundstrom, I. *see* Winquist, F. 6625
Lundstrom, I. *see* Winquist, F. 23757
Lundstrom, M. Assumptions and trade-offs in device simulation programs 11119
Lundstrom, M.S. *see* Dodd, P.E. 19796
Lundstrom, M.S. *see* Harmon, E.S. 19787
Lundstrom, M.S. *see* Tanaka, S. 28106
Lundt, H. *see* Verhey, J. 42721
Lunev, G.V. *see* Ginzburg, V.M. 15033
Lunev, G.V. *see* Ginzburg, V.M. 23915
Lung Loh Wai *see* Wai Lung Loh
Lung Shu-Hua *see* Shu-Hua Lung
Lung-Tien Liu *see* Ching-Wei Yeh 41863
Lungu, R. The optimal synthesis of the power gyrostabilisers in random disturbance conditions 39252
Lunichev, V.N. *see* Arbuzov, Yu.D. 40487
Lunn, A., Scott, A., Shepherd, D. ATM, AAL5 and multimedia devices 5595
Lunn, B. *see* Roussignol, P. 42513
Lunn, T.J., Burr, A.G. Number of neighbours for staged decoding of block coded modulation 4430
Lunner, T., Arlinger, S., Hellgren, J. 8-channel digital filter bank for hearing aid use: preliminary results in monaural, diotic and dichotic modes 24357
Lunney, J.G. *see* Asatsuma, T. 10840
Lunsford, J.M. Saving space and the environment 39667
Lunt, M.J., Anderson, R. Measurement of Doppler gate length using signal re-injection 15819
Luntovskii, A.O. *see* Kiselev, G.D. 18683
Luo, B., Wu, L., Chen, J., Lu, Y. Determination of wavelength dependence of the reflectivity at AR coated diode facets 43886
Luo, C.P., Jiang, D.S., Zhuang, W.H., Li, F., Li, Y.Z. Photovoltaic effect and its polarity in Si doping superlattices 3313
Luo, H.C. *see* Pamulapati, J. 20402
Luo, H.J., Zory, P.S. Ray optics determination of the DFB coupling coefficient in separate confinement and multiquantum-well laser structures 43904
Luo, H.L. *see* Tang, Y.J. 11464
Luo, J.K., Thomas, H. The influence of indium tin oxide deposition on the transport properties at InP junctions 10696
Luo, J.K., Thomas, H., Clark, S.A., Williams, R.H. The effect of growth temperature on the electrical properties of AlInAs/InP grown by molecular beam epitaxy and metal-organic chemical-vapor deposition 18202
Luo, J.S. *see* Liu, Y.L. 28505
Luo, M. *see* Tay, C.J. 44185
Luo, M.S.C. *see* Planken, P.C.M. 19388
Luo, N.L., Sullivan, P.J., Stout, K.J. Gaussian filtering of three-dimensional engineering surface topography 31441
Luo, S., Hinz, R., Williams, F., Tripathi, V.K. Effect of rectangular airbridge tunnel on microwave CPW probe design 27158
Luo, S.-H., King, R.W. A combined neural network and contour method for mouth image location for speech-driven image enhancement 5134
Luo, W. *see* Tan, Z. 9759
Luo, Y. *see* Rajakarunanayake, Y. 18171
Luo, Y.J. *see* Wang, H.B. 34245
Luo, Y.S., Yang, Y.-N., Weaver, J.H., Florez, L.T., Palmstrom, C.J. Multiorientational growth of Al on GaAs(001) studied with scanning tunneling microscopy 34849
Luo, Z.X. *see* Xiong, G.C. 35257
Luo Bendong *see* Zhou Mingbao 25445
Luo Bikai, Ni Xiaowu, Zhang Qi, He Anzhi Interference measurements of dynamic thermal effect induced by optical pumping of YAG crystal rod 12047
Luo Bin *see* Wu Lan 12236
Luo Changping *see* Xu Shijie 11821
Luo Enze *see* Liu Weidong 42355
Luo Enze *see* Liu Yun-Peng 42359
Luo Falong, Li Yanda The neural computation of bearing estimation 13262
Luo Fengguang *see* Fengguang Luo
Luo Gang *see* Gang Luo
Luo Huiguo, Zhu Yaoting, Zhu Guangxi, Wan Faguan Obtaining 3D information from remote sensing image 7648
Luo Huiguo, Zhu Yaoting, Zhu Guangxi, Wan Faguan Texture segmentation with discrete fractional Brownian wavelet random field 29866
Luo Jen-Hon *see* Jen-Hon Luo
Luo Jinsheng *see* Liang Sujun 19376
Luo Jinsheng *see* Liang Sujun 34874
Luo Jinsheng *see* Liu Yuliang 3149
Luo Jinsheng *see* Qi Ming 18172
Luo Jinsheng *see* Qi Ming 26441
Luo Jinsheng *see* Xu Shijie 11821
Luo Jinsheng *see* Jinsheng Luo
Luo Li-Min *see* Li-Min Luo
Luo Limin *see* Xie Xiaohua 13559
Luo Limin *see* Xie Xiaohua 21921
Luo Limin *see* Xie Xiaohua 45052
Luo Min-Yih *see* Min-Yih Luo
Luo Qingyao *see* Qingyao Luo
Luo Tao, Dai Yisong Measurement and extraction for parameters f_L and γ of noise in bipolar transistors 34913
Luo Ting, Zhao Jiran, Wu Zhengliang, Jiang Minhua, Lin Fucheng Study of nonlinear optical properties of C_{60}/C_{70} solution with a single light beam 28992
Luo Wenzhe, Xu Jiasheng A new design of FFT address generator IC 18574
Luo Xie Sheng *see* Sheng Luo Xie
Luo Xin-Guo, Zhang Jiang-Ling New approach to evaluation of the redundant structure system 33429
Luo Xue-Li *see* Xue-Li Luo
Luo Yi *see* Yi Luo
Luo Yuanyu *see* Yu Jilai 24780
Luo Yung-Chang *see* Yung-Chang Luo
Luo Zhen-Bi, Quan Yu, Zheng Li, Wang Jin-Song Application of higher polynomial with variable coefficients (HPVC) to investigation on tool wear and fracture fusion model in monitoring the cutting processes of turning and end-milling 23454
Luo Zhengxiang *see* Zhengxiang Luo
Luo Zhiliang *see* Zhiliang Luo
Luo Zhiqiang *see* Huang Jinbiao 23520
Luo Zhongming *see* Zhongming Luo
Luo Zundu, Huang Yidong A direct calculation method for spectral parameters of the transition between $^4T_2$ and $^4A_2$ in chromium-doped crystals 20675
Luo Zundu *see* He Yizong 35750
Luo Zundu *see* Huang Yichuan 12043
Luo Zundu *see* Zundu Luo
Luo-Fa-Long, Li Yan-Da A theorem concerning the energy function of Hopfield continuous-variable neural networks 42110
Luogen Deng *see* Deng Luogen
Luong, J.H.T. *see* Male, K.B. 6614
Luong An Nguyen *see* Premkumar, S.B. 24337
Luoni, G., Povh, D. HVDC submarine cables 47488
Luoni, G. *see* Donazzi, F. 43220
Luostarinen, J., Peiponen, K.E., Silfsten, P. Fast optical recording and photonic switching at room temperature using KCl:Li F_A centers 35311
Lupacheva, A.N. *see* Ivanova, N.L. 11694
Lupacheva, A.N. *see* Kurova, I.A. 42441
Lupan, K. *see* Borka, J. 17490
Lupei, A. *see* Lupei, V. 28755

Lupei, V., Georgescu, S., Lupei, A., Ursu, I., Dinca, M.P. Interactions governing the stationary three-micron laser emission of Er-doped crystals 28755
Luppi, E. *see* Antonelli, A. 24054
Luppov, V.G., Kaufman, W.A., Hill, K.M., Raymond, R.S., Krisch, A.D. A helium film coated quasi-parabolic mirror to focus a beam of ultracold spin polarized atomic hydrogen 31588
Lupu, R. *see* Nimberger, A. 17188
Lupu, V. *see* Bala, C. 32824
Luque, A., Jianming Li, Ming Chong, Jiancheng Zhu, Yuanjing Li, Jiadong Xu, Peida Wang, Zuoqi Shang, Zhankun Yang, Ronghua Zhu, Xiolan Cao Comment on '35% efficient nonconcentrating novel silicon solar cell' 8747
Luque, J., Gonzalo, F., Perez, F., Mejias, M. Formal techniques improve connectivity in supervisory systems 47417
Luque De Castro, M.D. *see* Cosano, J.S. 31502
Luque de Castro, M.D. *see* Cosano, J.S. 31503
Luque de Castro, M.D. *see* Izquierdo, A. 31322
Luquet, H. *see* Perotin, M. 34695
Lur, W. *see* Chen, J.F. 2241
Lurdes Lourenco, M. *see* Huish, P. 37828
Lur'e, A.I. *see* Aleksandrov, V.V. 40289
Lure, Y.M.F., Chiou, Y.S.P., Yeh, H.Y.M., Grody, N.C. Hardware based neural network data fusion for classification of Earth surface conditions 27114
Lure, Y.M.F. *see* Chiou, Y.-S.P. 15837
Luria, M.H. *see* Sapoznikov, D. 39039
Lurie, H. *see* Cordi, A. 28714
Lurkens, P. *see* van der Broeck, H. 17060
Lurng-Kuo Liu, Ligomenides, P.A. A novel self-organizing neural network with application to computer vision 13770
Lurong Guo *see* Guo Lurong
Lurshay, A. *see* Woodcock, C. 40411
Luryi, S., Grinberg, A.A., Gorfinkel, V.B. Heterostructure bipolar transistor with enhanced forward diffusion of minority carriers 2459
Luryi, S. *see* Avrutin, E.A. 12131
Lusaka, P.J. *see* Momoh, J.A. 39498
Luschi, C. *see* Guglielmi, F. 14443
Luscombe, A.P., Ferguson, I., Shepherd, N., Zimcik, D.G., Naraine, P. The RADARSAT synthetic aperture radar development 32073
Luscombe, J.H. *see* Mikkelson, C.H. 42998
Lusk, T.A., Brown, B.J., Thomson, R.J.S. Management overview of the DC hybrid link project 47463
Lussier, R.R., Jr. The how and why of short circuit studies 39641
Lust, L.M. *see* Fan, J. 34537
Lustig, H. *see* Amendola, G. 15300
Lustig, I.J., Marsten, R.E., Shanno, D.F. Interior point methods for linear programming: computational state of the art 41093
Lustrac, A.de *see* de Lustrac, A.
Luteganya, P.R. *see* Luhanga, M.L. 8044
Lutes, G. *see* Shadaram, M. 10432
Lutes, G.F. *see* Logan, R.T., Jr. 23051
Lutful Kabir, S.M., Moshiur Rahman, S. A linear generator model for power system studies 16788
Lutgen, S., Marschner, T., Albrecht, T.F., Stolz, W., Gobel, E.O., Tapfer, L. Metal-organic vapour-phase epitaxial growth of symmetrically strained (GaIn)As/Ga(PAs) superlattices 9644
Lutgert, S. *see* Bossart, R. 38811
Lutgert, S. *see* Fiebig, A. 15494
Luth, H. Chemical beam epitaxy—a child of surface science 26460
Luth, H. *see* Brugger, H. 46387
Luth, H. *see* Forster, A. 19746
Luth, H. *see* Konig, F. 9515
Luth, H. *see* Marso, M. 2424
Luth, H. *see* Morsch, G. 43015
Luth, H. *see* Munder, H. 34725
Luth, H. *see* Radermacher, K. 2079
Luth, H. *see* Schuppen, A. 27582
Luthe, J. *see* Cook, R.L. 25805
Luther, L.C. *see* Catchmark, J.M. 12218
Luther, L.C. *see* Katz, A. 9547
Luther, L.C. *see* Katz, A. 18136
Luther-Davies, B. *see* Andersen, D.R. 36002
Luther-Davies, B. *see* Krolikowski, W. 28995
Luther-Davies, B. *see* Snyder, A.W. 21041
Luther-Davies, B. *see* Yang, X. 12395
Luthi, R. *see* Dammer, U. 28348
Luthy, W. *see* Morris, P.J. 3618
Luthy, W. *see* Morris, P.J. 20693
Lutjering, G. *see* Weiss, D. 42530
Lutovac, M.D. *see* Rabrenovic, D.M. 18858
Lutovac, M.D. *see* Rabrenovic, D.M. 34143
Lutsenko, A.P. *see* Losev, L.L. 20592
Lutsenko, A.P. *see* Losev, L.L. 28731
Lutter, T. *see* Henneberger, G. 8427
Luttge, C. *see* Genz, H. 15271
Luttich, F., Klier, J. The signal source for receiver and EMS measurements up to 3 GHz 15115
Lutton, E. *see* Serfaty, V. 4913
Luttrell, S.P. An adaptive Bayesian network for texture modelling 37047
Lutts, G. *see* Chai, B. 18120
Lutts, G. *see* Chai, B. 18130
Lutts, G. *see* Zhang, X.X. 20732
Lutwyche, M. *see* Wada, Y. 28231
Lutwyche, M.I., Wada, Y. Estimate of the ultimate performance of the single-electron transistor 42828
Lutwyche, M.I. *see* Moore, D.F. 31193
Lutwyche, M.I. *see* Moore, D.F. 46391
Lutynski, B. *see* Fleszynski, J. 11338
Lutz, A.E. *see* McCarty, K.F. 840
Lutz, C. Data test requirements challenge vendors 5317
Lutz, E. Mobile communications via geostationary (GEO) and low Earth orbiting (LEO) satellites 5753
Lutz, E. *see* Bottcher, A. 45895
Lutz, H.O. *see* Becker, J. 31672
Lutz, N. *see* Geiger, M. 21139
Lutz, Y., Hirth, A., Von Salisch, M. Optimization of the excitation characteristics of a flashlamp-pumped titanium sapphire laser 35726
Lutzeback, D., Mahr, B., Venters, G., Williams, H. An ODP-oriented Framework for European Services in Telemedicine 37514
Luu, B.B. *see* Miletta, J.R. 39448
Luu, Q.C., Kubina, S.J., Trueman, C.W., De Carlo, D. High resolution spectral analysis of HF coupling modes on the EC-130 aircraft 47170
Luu, V. *see* Crowley, J.D. 27246
Luukkala, M. *see* Hietanen, J. 16068
Luukkala, M. *see* Hietanen, J. 24533
Luwei Zhou *see* Jingwu Qiu 38477
Lux, E., Harold, B. Telemetry system monitors pipeline 23413
Lux, G. *see* Zagozdzon-Wosik, W. 2070
Lux, G. *see* Zagozdzon-Wosik, W. 19537
Lux, K.-J. *see* Kern, A. 40547
Luxat, J.C. *see* Blahnik, C. 32608
Luy, J.-F., Buechler, J., Thieme, M., Biebl, E. Matching of active millimetre-wave slot-line antennas 4272
Luyten, W., Volkov, V.V., Van Landuyt, J., Amelinckx, S., Ferauge, C., Gijbels, R., Vasilev, M.G., Shelyakin, A.A., Lazarev, V.B. Electron microscopy and mass-spectrometry study in $In_{0.72}Ga_{0.28}As_{0.62}P_{0.38}$ lasers grown by liquid phase epitaxy 33632
Luyten, W. *see* Volkov, V.V. 11134
Luz, G. *see* Lach, E. 28877
Luzio, S.Di *see* Di Luzio, S.
Luzzatto, C. *see* Fassina, P. 25800
Luzzatto, D., Perona, M. Cell formation in PCB assembly based on production quantitative data 240
Lvov, B.V., Okunev, R.I., Pakhomov, L.N., Petrunkin, V.Yu., Petrakov, A.G., Filimonov, V.I. Mode-locking in a metal vapour laser 20605
Lwin, P. A new environment for repair 9233
Ly, H.C., Rojas, R.G. EM plane-wave diffraction by a material-coated perfectly conducting half-plane—oblique incidence 44307
Ly, Q.P. *see* Allen, R.D. 11069
Ly Haihe *see* Ouyang Bin 3557
Lyadenko, A.F. *see* Baiborodin, Yu.V. 15050
Lyakhnovich, A.V. *see* Sinitsyn, G.V. 11758
Lyakhov, M.N. *see* Babin, S.V. 28043
Lyakhovets, E.V. *see* Stepanenko, A.V. 887
Lyalikov, A.M. Control of measurement sensitivity and arbitrary tuning of contour fringes in a surface relief study 23889
Lyalina, E.V. *see* Malov, V.V. 43472
Lyalina, S.V. Recursive procedure of converting a complete N-terminal network into $(N-2)$ parallel $(N-i)$-branch networks $(i=\bar{0}, \bar{N-3})$ 33806
Lyalina, S.V. *see* Vasin, V.P. 24643
Lyall, E.A., Cooper, B. The impact of trends in complexity in the cockpit on flying skills and aircraft operation 15959
Lyall, M.J. *see* Rao, S.S. 44918
Lyall, S.M. *see* Bajaj, S. 33341
Lyamets, Yu.Ya., Autonov, V.I., Akhmetzyanov, S.Kh. Determining the fault location in electrical transmission lines from components of the free process 39649
Lyamets, Yu.Ya., Sidiryakov, E.V. Minimizing the number of operations in programmable measuring instruments of relay safety systems 39653
Lyandres, V., Briskin, S. On some efficient algorithms for moving-average filtering 13300
Lyandres, V., Briskin, S. On an approach to moving-average filtering 29585
Lyannoi, B.E. *see* Alebastrov, V.A. 39388
Lyapakhin, A.B. *see* Voronov, V.I. 12022
Lybanon, M. *see* Lea, S.M. 39402
Lychak, M.M. *see* Brovdiy, N.K. 23414
Lychak, O. Earth surface anisotropy: studying with photopolarimetry 24465
Lydell, B.O.Y. Simulator data and human reliability analysis—insights from three applications to the IPE process 25127
Lyding, J.W., Shen, T.-C., Hubacek, J.S., Tucker, J.R., Abeln, G.C. Nanoscale patterning and oxidation of H-passivated Si(100)-2×1 surfaces with an ultrahigh vacuum scanning tunneling microscope 42730
Lye, K.M., Loo, G.Y., Chua, K.C., Seah, K.G. Adaptive self-stabilizing connection control scheme for server-based networks 45604
Lye, K.M., Seah, K.G. A simple token bus protocol with priority 30219
Lye, K.M. *see* Ng, C.S. 4366
Lye, L.M., Hapuarachchi, K.P., Ryan, S. Bayes estimation of the extreme-value reliability function 41024
Lye Kin Mun *see* Kin Mun Lye
Lyford, R., Hart, G. Telephony via cable: competing in a new business 45479
Lygeros, N. *see* Chaunier, C. 26304
Lygouras, J. *see* Bakos, G.C. 21939
Lygouras, J.N., Dimitriadis, C.M., Tsortanidis, M.C., Bakos, G.C., Tsalides, P.G. Digital ultrasonic scanning system for positioning underwater remotely operated vehicles 46109
Lyie Tsu-Chi *see* Tsu-Chi Lyie
Lyke, J. *see* Carpenter, J.A. 9310
Lyke, J.C., Wojnarowski, R., Forman, G.A., Bernard, E., Saia, R., Gorowitz, B. Three dimensional patterned overlay high density interconnect (HDI) technology 40929
Lyke, J.C., Jr., Kolesar, E.S., Jr. Computational analysis and performance evaluation of representative wafer scale integration interconnections 17909
Lykov, V.A. *see* Loboda, P.A. 3456
Lykov, V.A. *see* Politov, V.Y. 3457
Lyle, J.A. *see* Anderson, C.J. 30726
Lyle, R.P., Kuver, A.M., Austin, M.W., Egan, R.J., Clark, A., Webb, K.J. Design and fabrication of MOVPE-grown III-V blue light modulators 35495
Lyle, R.P. *see* Mansfield, J.P. 31893
Lyle, S., Worstell, G., Spencer, R. An analog discrete-time transversal filter in 2.0 μm CMOS 27051
Lyle, W.D. *see* Manry, M.T. 21900
Lyman, D.D. *see* Schafer, E. 28907
Lyman, D.D. *see* White, F.H. 28904
Lyman, P. *see* Moore, J.E. 32038
Lynch, D.R., Paulsen, K.D., Boyse, W.E. Synthesis of vector parasites in finite element Maxwell solutions 21161
Lynch, G. *see* Coyle, P. 46918
Lynch, H.L. SSC overview 31542
Lynch, J.G. *see* Beaumont, S.P. 15637
Lynch, J.G., Jr., Buzas, T.E., Berg, S.V. Regulatory measurement and evaluation of telephone service quality 45480
Lynch, N. *see* Fekete, A. 22627
Lynch, S., Murtagh, M., Crean, G.M., Kelly, P.V., O'Connor, M., Jeynes, C. Non-destructive depth profiling of silicon ion implantation induced damage in silicon (100) substrates 2061
Lynch, S. *see* Greef, R. 10895
Lynch, T. *see* Hill, G.R. 6051
Lynch, T.J., Sobodacha, C., Paradis, V.R., Durham, D.L., Canize, A. Blended novolac resins with improved lithographic performance 11018
Lynch, T.J. *see* Sobodacha, C.J. 11017
Lynch, T.P. *see* Canham, L.T. 41399
Lynd, L.E., Jr. *see* Sztipanovits, J. 4625
Lyndin, N.M. *see* Loktev, S.M. 28493
Lynn, D. *see* O'Malley, M. 7390
Lynn, J.G. *see* Bowman, S.R. 3492
Lynn, J.G. *see* Bowman, S.R. 20727
Lynn, K.G. *see* Asoka-kumar, P. 23994
Lynn, K.G. *see* van Veen, A. 10813
Lynn, M.A. *see* Cirillo, J.R. 3045
Lynn Sui-Yuan *see* Sui-Yuan Lynn
Lynnworth, L.C. *see* Kim, J.O. 14929
Lynnworth, S.A. *see* Kim, J.O. 14929
Lyo, I.-W. *see* Hasegawa, Y. 42558
Lyon, D.E., Sherman, P.J. Practical issues concerning the family of multichannel MV spectra for recovery of point spectrum 21721
Lyon, D.E., Sherman, P.J., Frazho, A.E. The MV spectral convergence applied to random fields 13433
Lyon, E.F. The application of automatic surface lights to improve airport safety 39319
Lyon, R. *see* Woo, D. 13065
Lyon, S.A. *see* Kurdak, C. 28198
Lyon, S.B. *see* Williams, L.A. 18325
Lyon, S.R. *see* Kippelen, B. 2930
Lyon, S.R. *see* Kippelen, S.B. 20294
Lyon, T. *see* Wei, L. 13973
Lyon, T.J.de *see* de Lyon, T.J.
Lyons, B.N., O'Ciardha, T.E., Herbert, P.A.F., Kelly, W.M. Experimental evaluation of coplanar waveguide discontinuities 1391
Lyons, B.N., Vizard, D.R., Pike, J.P., Kelly, W.M. A millimeter-wave total power radiometer 6413
Lyons, C., Eib, N., Plat, M., Spinillo, G., Welsh, K. TAB processing for CD control in i-line and 248 nm lithography 2365
Lyons, M.R., Gilb, J.P.K., Balanis, C.A. Enhanced dominant mode operation of a shielded multilayer coplanar waveguide via substrate compensation 19135
Lyons, P.B., Looney, L.D. Enhanced radiation resistance of high-OH silica optical fibers 3028
Lyons, P.B. *see* Looney, L.D. 28444
Lyons, R.A. *see* Kirkpatrick, M. 16111
Lyons, T.D. The production implementation of a linear error modeling technique 249
Lyons, W.G., Seaver, M.M., Arsenault, D.R., Boisvert, R.R., Sollner, T.C.L.G. Demonstration of a 3-GHz-bandwidth real-time spectral-analysis receiver based on a high-T_c superconductive chirp filter 1402
Lyons, W.G. *see* Lee, L.H. 1382
Lyons, W.G. *see* Lee, L.H. 42138

Lyons, W.G. *see* Newman, N. 10444
Lyra, M.L. *see* Vermelho, M.V.D. 3774
Lyra, R.O.C. *see* Silva, S.R. 16836
Lys, J. *see* Boden, A. 38859
Lysaght, J. Competition and cooperation: FITCE in the open network environment 45387
Lysenko, A.T. *see* Kuznetsov, V.G. 7846
Lysenko, A.V. *see* Kulish, V.V. 43964
Lysenko, V.S. *see* Gomenyuk, Yu.V. 10772
Lysenko, V.S. *see* Tkachev, Yu.D. 10771
Lysova, I.V. *see* Afanasiadi, L.Sh. 7197
Lysukhin, S. *see* Arzumanov, A. 15390
Lytel, R., Lipscomb, F., Ticknor, T. Electro-optic polymer materials and devices: fundamental limits 20236
Lytel, R., Lipscomb, G.F., Ticknor, A.J., Mohlmann, G.R. Datacom applications of electro-optic polymer devices 43520
Lytel, R. *see* Ermer, S. 20396
Lytel, R. *see* Van Eck, T.E. 3369
Lytkin, A.P., Romanov, A.V., Suchkov, A.F. Inductive stabilization of transverse self-sustaining discharge in a pulsed CO_2 laser 20596
Lytle, D.W. *see* Gu, G. 4602
Lytle, R.I., Fitzgerald, F.D. Repowering a fossil-fired central station with a combustion turbine/2400 PSIG HRSG combined cycle 8228
Lytle, V.I., Jezek, K.C., Hosseinmostafa, A.R., Gogineni, S.P. Laboratory backscatter measurements over urea ice with a snow cover at Ku band 32099
Lytton, R. *see* Crain, J.C. 5612
Lyu Jong-Son *see* Jong-Son Lyu
Lyu Manguan *see* Dzhurvarly, Ch.M. 32468
Lyubchenko, V.E. *see* Brazis, R.S. 29133
Lyubimov, O. *see* Bochkov, A. 20642
Lyubutin, S.K. *see* Bushlyakov, A.I. 47972
Lyul'ka, V.A. *see* Laletin, N.I. 32587
Lyumkis, E. *see* Apanovich, Y. 19715
Lyumkis, E. *see* Apanovich, Y. 19719
Lyumkis, E. *see* Apanovich, Y. 19863
Lyutyi, A.V. Increasing the efficiency of valve electric motors in sound-recording and sound-reproducing equipment 16774

Ma, B., Ugursal, V.I. Performance of a low-energy house in a mild cooling season. 1. Thermal performance of the house 8999
Ma, B.M. *see* Li, L. 43325
Ma, C., Haider, A.M., Shadman, F. Atmospheric pressure ionization mass spectroscopy for the study of permeation in polymeric tubing 34650
Ma, C. *see* Haider, A.M. 1997
Ma, C. *see* Macmillan, D.S. 39339
Ma, C.L., Lauritzen, P.O. A simple power diode model with forward and reverse recovery 34880
Ma, C.L., Lauritzen, P.O., Lin, P.Y. A physically-based lumped-charge P-*v*-N diode model 2436
Ma, D.-S., Yang, J.-F., Lee, J.-Y. Programmable and parallel variable-length decoder for video systems 14781
Ma, H., de Araujo, L.E.E., Gomes, A.S.L., de Araujo, C.B. Phase measurements of the fifth-order susceptibility of Cd(S, Se)-doped glasses 3820
Ma, H., El-Keib, A.A., Ma, X. Training data sensitivity problem of artificial neural network-based power system load forecasting 47446
Ma, H.-K.T. *see* Cheng, K.-T. 18580
Ma, H.L. *see* Zhang, X.H. 3012
Ma, J. Neural network for optimization in packet switch 22722
Ma, J., Catanzaro, B., Daschner, W., Fainman, Y., Lee, S.H. Packaged reconfigurable space-variant optical interconnect using wavelength multiplexed volume holograms 3375
Ma, J., Dawalibi, F.P., Daily, W.K. Analysis of grounding systems in soils with hemispherical layering 32463
Ma, J., Rahko, K. Cell loss analysis of two-class priority generalised knockout switch 45274
Ma, J., Rakho, K. MULTIPAR: an output queue ATM modular switch with multiple phases and replicated planes 13898
Ma, J. *see* Barouch, E. 2320
Ma, J. *see* Dawalibi, F.P. 47583
Ma, J. *see* Takahashi, H. 20497
Ma, J.Z. Multimedia document workstation: future data terminal equipment 45568
Ma, L. *see* Bu, Y. 9719
Ma, Q., Suo, Z. Precipitate drifting and coarsening caused by electromigration 19637
Ma, Q. *see* Bauer, A. 4121
Ma, Q.Y., Dosanjh, P., Entin, I., Liang, R., Carolan, J.F., Hardy, W.N. Properties of $Ca_{1-x}Sr_xCuO_2$ infinite layer films grown by laser ablation deposition 41280
Ma, S. *see* Chen, F. 6354
Ma, S. *see* Yuan, J. 21590
Ma, S.C., McCluskey, E.J. Non-conventional faults in BiCMOS digital circuits 11324
Ma, S.S., Guthals, D.M., Campbell, B.F., Hu, P.H. Three-dimensional anisotropic physical optics modeling of three wave mixing 29011
Ma, S.Y. *see* Kuo, J.B. 19984
Ma, T.-P. *see* Balasinski, A. 34974
Ma, T.P. Effects of fluorine on MOS properties 2563
Ma, T.P. *see* Anderson, W.R. 19470
Ma, T.P. *see* Balasinski, A. 19853
Ma, T.P. *see* Uren, M.J. 2517
Ma, T.P. *see* Zhang, B. 19836
Ma, W., Thorp, J.S. An efficient algorithm to locate all the load flow solutions 24707
Ma, W. *see* Hamakawa, Y. 25689
Ma, X. *see* Ma, H. 47446
Ma, X.B. *see* Li, X.Q. 10812
Ma, X.F. *see* Zhang, X.-C. 28986
Ma, Y., Doeff, M.M., Visco, S.J., De Jonghe, L.C. Rechargeable Na/Na_xCoO_2 and $Na_{15}Pb_4/Na_xCoO_2$ polymer electrolyte cells 17189
Ma, Y., Kamber, M., Evans, A.C. 3D simulation of PET brain images using segmented MRI data and positron tomograph characteristics 15775
Ma, Y., Varadan, V.K., Varadan, V.V. Smart coating materials for frequency selective surface 21454
Ma, Y., Yasuda, T., Lucovsky, G. Nitrogen-atom bonding at SiO_2/Si interfaces in metal-insulator-semiconductor (MIS) stacked gates made by integration of plasma assisted oxidation-deposition and rapid thermal processing 2172
Ma, Y., Yasuda, T., Lucovsky, G. Nitrogen-atom bonding at SiO_2/Si interfaces in metal-insulator-semiconductor (MIS) stacked gates made by integration of plasma assisted oxidation-deposition and rapid thermal processing 27597
Ma, Y. *see* Emmerichs, U. 21015
Ma, Y. *see* He, S.S. 10774
Ma, Y. *see* Krishnapuram, R. 5126
Ma, Y. *see* Lucovsky, G. 9792
Ma, Y. *see* Neelin, P. 15773
Ma, Y. *see* Yasuda, T. 34618
Ma, Y.L. *see* Chen, K.A. 4595
Ma, Y.L. *see* Tan, C.X. 4836
Ma, Y.P. *see* Lampert, C.M. 35481
Ma, Y.X., Low, T.S., Lee, T.H., Ding, Y.P. A learning strategy for motion control applications 16891
Ma, Z., Allen, L.H. Evolution of epitaxial Si_xGe_{1-x} alloys on Si(100) during thermal annealing a-Ge/Au bilayers deposited on Si substrate 33665
Ma, Z., White, M.H., Uzunoglu, V. A high performance coherent phase-locked synchronous oscillator 18521
Ma, Z., Yamashita, E., Xu, S. Transverse scattering matrix formulation for a class of waveguide eigenvalue problems 21303
Ma, Z., Zhou, G.L., Morkoc, H., Allen, L.H., Hsieh, K.C. Solid state reaction-mediated low-temperature bonding of GaAs and InP wafers to Si substrates 27618
Ma, Z. *see* Ganapathiraman, R. 2242
Ma, Z. *see* Lin, M.E. 34693
Ma, Z. *see* Lin, M.E. 34811
Ma, Z.J., Chen, J.C., Liu, Z.H., Krick, J.T., Cheng, Y.C., Hu, C., Ko, P.K. Suppression of boron penetration in p^+ polysilicon gate P-MOSFETs using low-temperature gate-oxide N_2O anneal 42990
Ma Changqin *see* Gao Jiangrui 28908
Ma Changxue *see* Changxue Ma
Ma Chaohua *see* Zhang Quansheng 20885
Ma Cherng Min *see* Cherng Min Ma
Ma Chunchi *see* Chunchi Ma
Ma Chunsheng, Cao Jie, Lui Shiyong Mode absorption loss in metal-clad five-layer optical waveguides 20325
Ma Fulong *see* Wang Yumin 12906
Ma Fulong *see* Zhang Muxiang 44687
Ma He, Yu Jian-Hun, Wang Cheng-Jun, Liu Hu-Chun Research on multi-function measurement device by laser diffraction 46606
Ma Hongda, Zhao Baozhi, Xue Cuiling A cryostat of a superconducting saddle magnet for the MHD generation 25751
Ma Huainan, Xu Jiasheng A new algorithm for DC characteristics of lateral bipolar transistors compatible with CMOS technology 28094
Ma Jianglei, Yang Hong-Sheng, Zhang Zhongxi, Lu Zhong-Zou Further analysis of asymmetric double circular groove guide 21359
Ma Jianwei *see* Shen Xiaohua 20669
Ma Jin, Li Shu Ying Preparation of ZnO films by reactive evaporation 33698
Ma Jing *see* Shi Jiawei 28844
Ma Jintao *see* Jintao Ma
Ma Jiyong *see* Jiyong Ma
Ma Jun, Huang Xiao-sheng, Huang Tao, Liu Zhishen Pattern recognition method of multispectral remote sensing for suspended matter in coastal water 24511
Ma Jusheng *see* Li Yunqing 18302
Ma Lei *see* Cao Zhitong 47845
Ma LiQun *see* LiQun Ma
Ma Pingxi, Zhang Lichun, Wang Yangyuan Theory about minority carrier injection into polysilicon emitter 2473
Ma Ruilin, Du Wensheng Analysis of NOVELL LAN workstation shell and point to point communication software 37393
Ma Shu-Yuan, Liang Jin-Wen Alignment measurement with laser diode 21150
Ma Shyh-Yih *see* Shyh-Yih Ma
Ma Siu Lun *see* Siu Lun Ma
Ma Song De *see* Song De Ma
Ma Weiye *see* Weiye Ma
Ma Xiaocui, Yan Dawei, Wu Jun, Wang Zongchang, Zou Huizhu Properties and formation of interface transition layer for SnO_2/Fe_2O_3 films prepared by plasma CVD [gas sensors] 31327
Ma Xiaoshan *see* Xu Jun 18125
Ma Xiaoyan *see* Huo Yujing 20668
Ma Xiaoyan *see* Huo Yujing 20672
Ma Xiaoyan *see* Huo Yujing 20740
Ma Xiaoyan *see* Zhang Zhiguo 12372
Ma Xingwang *see* Wang Haizhong 7865
Ma Xioaguang *see* Xioaguang Ma
Ma Yu Pei *see* Yu Pei Ma
Ma Yuan-Hao, Wu Bo, Du Run-Sheng, Yang Shu-Zi Method and equipment of fault intelligent diagnosis for a diesel fuel injection system 31113
Ma Yuan-Hao *see* Wang Shui-Lai 31137
Ma Yue *see* Hua Peizhong 1501
Ma Yuguang, Liu Shiyong, Zhu Jiang, Shen Jiacong Electrooptic effect in dye-doped polymer light waveguide film 28480
Ma Zenguo *see* Ni Qiuya 25723
Ma Zhijian *see* Huang Meiqian 19857
Ma Zuguang *see* Wang Yuezhu 28774
Maa, G. *see* Agarwal, A. 18772
Maa Chia-Yiu *see* Chia-Yiu Maa
Maagt, P.J.I., Touw, S.I.E., Dijk, W., Brussaard, G., Allnutt, J.E. Results of 1.2 GHz propagation experiments in Indonesia 12596
Maagt, P.J.I.de *see* de Maagt, P.J.I.
Maamria, K., Wagatsuma, T., Yoneyama, T. Leaky NRD guide as a feeder for microwave planar antennas 36446
Maani, G. Idealizing the transient response of 3-Φ brushless DC motor with sinusoidal internally generated EMFs 8438
Maani, G., Duggal, B.R., Lipowski, J.S., Ghosh, A. A proportional integral controller for optimising the efficiency of permanent magnet synchronous motor drives 8799
Maani, G., Rahman, M.A., Bonwick, W.J., Sect, G.L. A microprocessor controlled drive for 3-phase permanent magnet brushless DC motor 17450
Maani, G.G., Crompton, E., Farhat, C.J., Rahman, M.A., Sundararajan, N. Feedback sensing for control of brushless DC motor 16892
Maar-Stumm, M. *see* Hoffmann, P. 19697
Maaref, H., Mejri, H., Priester, C., Barrau, J., Bacquet, G., Bourgoin, J.C. Photocurrent and photoluminescence from quantum-confined electrons in periodically δ-doped Si-GaAs 11817
Maas, A.J. *see* de Vries, J.S. 29775
Maas, D. *see* Rapp, R. 32886
Maas, G.P.J.F.M. *see* Du Cloux, R. 34335
Maas, G.P.J.F.M. *see* du Cloux, R. 34340
Maas, H. *see* Elixmann, M. 33316
Maas, K. Understanding and using synchronous (clocked) speciality memories 26948
Maas, S. The diode-ring mixer 1111
Maas, S.A., Nelson, B., Tait, D. Comments, with reply, on 'Mechanisms determining third-order intermodulation distortion in AlGaAs/GaAs heterojunction bipolar transistors' by A. Samelis and D. Pavlidis 34933
Maas, S.A. *see* Basu, S. 34259
Maasberg, J.A. *see* Richman, R.H. 8758
Maaser, A. *see* Sarstedt, M. 15329
Maass, D. Trends in conduction cooling for avionics 39238
Maass, R., Luijckx, G. The Amsterdam pulse stretcher AmPS as a photon source 15387
Maass, V.R., Schellong, W., Steinmetz, K. Computer-aided optimization of the operation of a district heating network 47740
Maatsch, K. *see* Oldendorf, M. 24246
Maatta, K., Kostamovaara, J. The effect of measurement spot size on the accuracy of laser radar devices in industrial metrology 6792
Maatta, K., Kostamovaara, J., Myllyla, R. Profiling of hot surfaces by pulsed time-of-flight laser range finder techniques 6806
Maayan, E., Kreinin, O., Bahir, G., Salzmann, J., Eyal, A., Beserman, R. Selective growth of GaAs/InGaP heterostructures by photo-enhanced organometallic chemical vapor deposition 26433
Maayan, E. *see* Coudenys, G. 41306
Maazouzi, C., Jundt, F., Coffin, J.P., Fintz, P., Guillaume, G., Kuhn, C., Rami, F., Videback, F., Wagner, P., Brancus, I. Time projection chambers for ultra-relativistic heavy-ion experiments with a mid-rapidity spectrometer 31746
Mabon, S. *see* Hodge, W. 6236
Maboudian, R., Bressler-Hill, V., Pond, K., Wang, X.-S., Petroff, P.M., Weinberg, W.H. Effect of growth rate on the surface morphology of MBE-grown GaAs(001)-(2×4) 26415
Maboudian, R. *see* Wang, X.-S. 698
Maboudian, R. *see* Wang, X.-S. 34592

Mabru, M. *see* Brunet, H. 11991
Mabuchi, H., Akama, K., Aoki, Y. A synthesis of conversion rules by generalized logic programs 13649
Mabuchi, T., Kohno, R., Imai, H. Multihopping and decoding of error-correcting code for MESK/FH SSMA systems 4407
Mabulikar, D., Pasqualoni, A., Crane, J., Braden, I.S. Development of a cost effective high performance metal QFP packaging system 43066
McAdams, E.T. *see* Anderson, J McC. 3930
McAdams, L.R., Gerrish, A.M. High speed, lossless optical crossbar switch based on semiconductor optical amplifiers 30780
McAdams, R., Holmes, A.J.T., Proudfoot, G., King, R.I., Cox, S. Development of bright negative ion sources at Culham Laboratory 15594
McAdams, R. *see* Cox, S.J. 38836
McAfee, S. *see* Zhao, J.H. 2509
Macagnan, M.H. *see* Lorenzo, E. 32789
McAlarney, J.J. *see* Greenwell, R.A. 6530
McAlister, S.P. *see* Wong, S.A. 19721
McAllister, C. *see* Spencer, T. 41917
McAllister, D.E. *see* Taylor, J. 22243
McAllister, D.F. *see* Wright, J. 22242
McAllister, D.J. *see* Andlie, I.C. 15098
McAllister, I.W., Crichton, G.C. On the measurement of surface charge density using a field probe 6766
McAllister, M. *see* Albright, J. 25320
McAllister, M.P. *see* Bauer, J.M. 25299
McAllister, T. *see* Davis, T.J. 9627
McAndrew, A., Osborne, C. Algebraic methods for multidimensional digital topology 36865
McAndrew, A. *see* Tirkel, A.Z. 45857
McAndrew, C.C. A complete and consistent electrical/thermal HBT model 11178
McAndrew, C.C., Layman, P.A., Ashton, R.A. MOSFET effective channel width determination by nonlinear optimization 11212
McAndrew, J. *see* Kasper, G. 1998
McArdle, N., Waddie, A.J., Snowdon, J.F., Craig, R.G.A., Wherrett, B.S., Walker, A.C. Practical optimisation of a single channel optical processor 11764
Macario, R.C.V. *see* Patel, J.R. 37864
MacArthur, D.W., Allander, K.S., Bounds, J.A., Catlett, M.M., Caress, R.W., Rutherford, D.A. Alpha contamination monitoring of surfaces, objects, and enclosed areas 24002
McArthur, I. *see* Butterworth, J. 38932
McArthur, I.C. *see* Foster, B. 31714
McArthur, S.D.J., McDonald, J.R., Burt, G.M. Intelligent protection performance monitoring [of power systems] 16455
Macary, V. *see* Balleur, M. 9947
McAteer, J.P. *see* Elko, G.W. 47306
McAulay, A.D. Optical interconnection slab based static dataflow computer 20480
McAulay, A.D., Saruban, K. Modeling of deterministic chaotic noise to improve target recognition 5081
McAulay, A.D., Wang, J. Lensless 2-D correlation experiments 36890
Macaulay, J. *see* Gurvitch, M. 15270
Macaulay, J.M., Hull, R., Jalali, B., Magee, C. Characterization of arsenic doping profile across the polycrystalline Si/Si interface in polycrystalline Si emitter bipolar transistors 2029
Macaulay, J.P. Big bass, small box [loudspeaker design] 38364
McAuley, A.J., Francis, P. Fast routing table lookup using CAMs 5325
McAuley, D.R. Multimedia networks, what's new? 40520
Macauley, W.M. *see* Greer, E.J. 28759
McAvoy, B.R. *see* Chantry, P.J. 21390
McBain, A. An applications driven approach to ATM 13975
McBreen, J. *see* Xue, K.H. 25638
McBride, J. *see* Meliopoulos, A.P.S. 25062
McBride, J.W. Electrical contact and connectors in automotive systems 48442
McBride, K.T. Compact fluorescent lamps: a power quality analysis of different lamps and how the lamps/harmonics can affect a transformer 40651
McBride, R., Carolan, T.A., Barton, J.S., Wilcox, S.J., Borthwick, W.K.D., Jones, J.D.C. Detection of acoustic emission in cutting processes by fibre optic interferometry 15257
Mcbride, R. *see* Chang, D.D. 42439
McBride, R. *see* Wong, C.P. 40936
MacBride, R.D. *see* Nielsen, R.E. 7880
McBride, R.R., Jae Chung, Shi, F.C., Chung Kuan Cheng Pin redistribution for multichip module designs 17891
McBride, S.E., Wetsel, G.C., Jr. Scanning tunneling-microscope detection of surface acoustic waves 11436
MacCabe, C.J., Furlong, D.J. Virtual imaging capabilities of surround sound systems 31074
McCabe, H. *see* Prljaca, N. 5069
McCabe, P.M. *see* Prakriya, M. 7333
McCabe, S., MacCraith, B.D. Novel mid-infrared LED as a source for optical fibre gas sensing 6664
Maccaferri, R. *see* Asseo, E. 15383
McCaffer, R. *see* Tah, J.H.M. 17781
McCafferty, D. *see* Alessi, J.G. 38815
McCaffery, J. *see* Sudersena Rao, T. 41431
McCaffrey, J. *see* Lu, Z.H. 27730
Maccagnani, P. *see* Solmi, S. 10854
McCahon, S.W. *see* Dunning, G.J. 44050
McCall, M.W. *see* George, D.S. 35807
McCall, S.L. *see* Levi, A.F.J. 3594
McCall, S.L. *see* Slusher, R.E. 3670
McCall, S.L. *see* Wegscheider, W. 12250
McCalley, J.D., Krause, B.A. Security costs for optimal transaction selection in less regulated bulk electric power system operation 47438
McCalley, J.D. *see* Qu, Z. 24760
McCallion, K. *see* Johnstone, W. 5962
MacCallum, K.J. *see* Duffy, A.H.B. 17798
McCallum, R.W. *see* Chen, I.D.Z. 15841
McCalmont, S. *see* Tuttle, G. 43920
McCammon, D., Wei Cui, Juda, M., Jiahong Zhang, Kelley, R., Moseley, H., Stahle, C., Szymkowiak, A. Optimization of doped silicon and germanium thermistors 19924
McCammon, D. *see* Stahle, C.K. 24129
McCamy, J.W., Lowndes, D.H. Pulsed laser ablation growth of epitaxial $ZnSe_{1-x}S_x$ films and superlattices with continuously variable composition 9548
McCamy, J.W., Lowndes, D.H. Growth of epitaxial semiconductor alloys and superlattices with continuously variable composition by pulsed-laser ablation 18210
McCamy, J.W., Lowndes, D.H., Budai, J.D., Chakoumakos, B.C., Zuhr, R.A. Growth of epitaxial ZnS films by pulsed laser ablation 753
McCann, P.J. The effect of composition dependent lattice strain on the chemical potential of tellurium in $Pb_{1-x}Sn_xSe_{1-y}Te_y$ quaternary alloys 26425
McCann, P.J., Zhong, D. Liquid phase epitaxy growth of $Pb_{1-x}Sn_xSe_{1-y}Te_y$ alloys lattice matched with BaF_2 26432
McCanny, J.V. *see* Woods, R.F. 10337
McCanny, J.V. *see* Woods, R.F. 18786
McCants, T. *see* Lin, X.W. 19423
McCarrick, C. Dual frequency antenna aids WLAN applications 21391
McCarrick, M.J. *see* Bannister, P.R. 4138
McCarron, K.T. *see* Lakin, K.M. 1490
McCarron, K.T. *see* Lakin, K.M. 11440
McCarron, K.T. *see* Lakin, K.M. 42210
McCarthy, J. *see* Reeves, D.B. 99
McCarthy, J.F. *see* Singkofer, K.A. 32027
McCarthy, K. *see* De Souza, J.N. 37292
McCarthy, M.J., Hanna, D.C. All-solid-state synchronously pumped optical parametric oscillator 20979
McCarthy, N. *see* Mailhot, S. 20819
McCartney, A.J. Load management using radio teleswitches within NIE 7782
McCartney, C.T. Environmental testing of electronic vehicle security systems 25928
McCartney, D.J., Sheat, D.E., Chamberlin, G.R., Travis, D.S. Telecommunications applications for 3D imaging systems 23352
McCartney, M.L. *see* Kizakevich, P.N. 15690
McCarty, D. Technology transparent design and FPGAs 26833
McCarty, K.E., Meeks, E., Kee, R.J., Lutz, A.E. Scaleable stagnation-flow reactors for uniform materials deposition: application to combustion synthesis of diamond 840
McCarty, K.F. *see* Friedmann, T.A. 9681
McCarty, R.C. Chaotic systems, irregular functions, and non-linear time series 33461
McCarty, R.C., Lindley, J.P. Fractal dimension and non-linear dynamical processes 36676
Maccato, A. *see* deFuguetredo, R.J.P. 39144
McCatty, S.A. *see* Swette, L.L. 33012
McCauley, H.M. *see* Auborn, J.E. 13599
McCauley, K. *see* Koenemann, B. 1186
Macchi, M. *see* Gambini, P. 35801
Macchi, O., Turki, M. The nonstationarity degree can an adaptive filter be worse than no processing? 4699
Macchi, O. *see* Dreylus, G. 4643
Macchi, O. *see* Moreau, E. 4723
Macchiarella, G., Raggi, A., Di Lorenzo, E. Design criteria for multistage microwave amplifier with match requirements at input and output 19045
Macchiarella, G., Strace, G.B., Politi, M. A precise equivalent circuit for TM mode dielectric resonators in circular waveguide below cutoff 27170
Macchiarella, G. *see* Gentili, G.G. 42136
Macchion, D. *see* Dinh Phuoc Vo 24405
Maccia, C. *see* Contento, G. 15787
McClain, S.C. *see* Pezzaniti, J.L. 11707
McClatchie, S., Thomas, H., Morgan, D.V. Plasma enhanced chemical vapour deposition of tungsten and tungsten silicide thin films 18248
McCleary, J., Ming yi Li, Kai Chang Slot-fed higher order mode Fabry-Perot filters 34226
McCleer, P.J., Lawler, J.S., Banerjee, B. Torque notch minimization for five phase quasi square wave back EMF PM synchronous motors with voltage source drives 16816
McCleery, J.M. *see* Merron, J. 16487
McClellan, G., Gowthorpe, P., Schneider, W. Bruce NGS B U-bend support stabilization 16612
McClellan, J.H. *see* Fertig, L.B. 36754
McClelland, J.J. *see* Coakley, K.J. 4009
McClelland, M.L., Stephenson, J.M. The prediction of torque pulsations in the salient-pole singly-salient reluctance motor 8808
McClelland, M.L., Stephenson, J.M. An investigation of the rotor-position-switched, current-fed, salient-pole singly-salient reluctance motor 8883
McCleod, R. *see* Wagner, K. 28554
McCliment, E. *see* Wood, M. 46891
McClintock, J.A. *see* Andrews, J.P. 6551
McClintock, P.V.E. *see* Dykman, M.I. 21707
McClintock, P.V.E. *see* Dykman, M.I. 41711
McCloskey, K., Popper, S., Repperger, D., Tripp, L. Effects of long term exposure to high G on blood oxygen saturation and performance 16104
McClung, J.D. Advanced PFBC commercialization update 32680
McClure, B.D. *see* Ogunbona, P.O. 36907
McClure, D. *see* Gesley, M. 27915
McClure, D.A. Broadband transmission line transformer family matches a wide range of impedances 33855
McClure, J.C. *see* Raposo, J.A. 31355
McClure, S.R. *see* Johnson, G.V. 409
McCluskey, E.J. *see* Furuya, K. 10114
McCluskey, E.J. *see* Hong Hao 26788
McCluskey, E.J. *see* Ma, S.C. 11324
McCluskey, R.J. *see* Bahavar, B. 765
McCluskey, R.J.M. *see* Bahavar, B. 9575
Macco, A. *see* Orlandi, S. 39893
McColgin, W.C., Lavine, J.P., Kyan, J., Nichols, D.N., Russell, J.B., Stancampiano, C.V. Effects of deliberate metal contamination on CCD imagers 2685
McColl, K.G. Regulatory trends in the battery industry 40391
McCollum, T. *see* Spector, G.B. 24122
McColluma, T., Spector, G.B. Fiber optic microbend sensor for detection of dynamic fluid pressure at gear interfaces 46477
McComas, M.G. *see* Law, A.M. 37269
Maccone, G. *see* Ascagni, S. 17496
McConica, C.M. *see* Bell, D.A. 821
McConnell, K. *see* Cappa, P. 23924
McConnell, K.G. *see* Cappa, P. 31162
McConnell, M. *see* Schonfelder, V. 7146
MacConnell, P.F., Sartorius, C., Owens, D.H. Residential environment regulation using intelligent fuzzy control 48480
McConnell, R.A. Derived antenna correction factors gain ideal results 4293
McCord, M.A., Wagner, A., Donohue, T. Resolution limits and process latitude of X-ray mask fabrication 27986
McCord, M.A., Wagner, A., Seeger, D. Effect of mask absorber thickness on X-ray exposure latitude and resolution 27975
McCorkle, S. *see* Asoka-kumar, P. 23994
McCorkle, W. *see* Wender, S.A. 7232
McCormack, D.K.R., Brown, B.M., Pedersen, J.F. Neural network signature verification using Haar wavelet and Fourier transforms 45228
McCormack, G. *see* Sinclair, A.G. 20334
McCormack, J., McNamara, B. A sketch of the smart frame buffer 18625
McCormack, J.J. *see* Haws, E.T. 25263
McCormack, L. Precompliance testing for large textile finishing machinery 40675
McCormack, M., Sungho Jin Progress in the design of new lead-free solder alloys 877
MacCormack, S., Feinberg, J., Garrett, M.H. Injection locking a laser-diode array with a phase-conjugate beam 28821
McCormack, S.E., Belina, J. Definition and implementation of a real-time, high-speed ECG compression and storage system 24315
McCormick, A.H.I. *see* Steiner, H.J. 30909
McCormick, D., Ross, M. Control of coaxial cable propagation delay for a beam phase monitor 15415
McCormick, D. *see* Minty, M. 15342
McCormick, D. *see* Ross, M.C. 15416
McCormick, F.B., Cloonan, T.J., Lentine, A.L., Sasian, J.M., Morrison, R.L., Beckman, M., Walker, S.L., Wojcik, M.J., Hinterlong, S.J., Crisci, R.J., Novotny, R.A., Hinton, H.S. Five-stage free-space optical switching network with field-effect transistor self-electro-optic-effect-device smart-pixel arrays 43584
McCormick, F.B., Lentine, A.L., Chirovsky, L.M.F. Cascaded operation of two 128-Pixel FET-SEED Smart pixel arrays 20492
Mccormick, F.B. *see* Cloonan, F.J. 43679
McCormick, M., Davies, N. Full-natural-colour 3D optical models by integral imaging 12487
McCormick, M. *see* Mattie-Sulieman, E. 47836
McCormick, P.G. *see* Ding, J. 28391
McCormick, S.F., Wade, J.G. Multigrid solution of a linearized, regularized least-squares problem in electrical impedance tomography 24290
McCormick, S.T. *see* Chang, S.F. 598
McCormick, S.T. *see* Ervolina, T.R. 539
McCormick, T. *see* Dickey, S.A. 2304
McCormick, T. *see* Muo, E. 1888
McCormick, W. *see* Siferd, R. 23864
McCormick, W.S., Lansford, J.L. Time domain algorithm for the estimation of two sinusoidal frequencies 36708
McCourry, L. *see* Grajew, G. 37613

McCourt, M. Status of glass and silicon-based technologies for passive components 35470
McCowen, A. *see* Clibbon, K.L. 7460
McCowen, A. *see* Clibbon, K.L. 31969
McCowen, A. *see* Thompson, D. 46438
McCown, A. *see* Bigio, I.J. 20634
McCown, A.W. *see* Sullivan, J.A. 3426
McCown, P.M. ABET—an architecture for integrated diagnostics? 23445
McCoy, B.A. *see* Boese, K.D. 19936
McCoy, C.E. *see* Layton, C.F. 24398
McCoy, C.H., Wrighton, M.S. Potential-dependent conductivity of conducting polymers yields opportunities for molecule-based devices: A microelectrochemical push-pull amplifier based on two different conducting polymer transistors 18504
McCoy, E. *see* Walden, A.T. 45017
McCoy, J. *see* Bowles, J. 41910
McCoy, J.J. *see* Atkins, R.A. 46469
McCoy, J.W. *see* Magotra, N. 32059
McCracken, S.H. *see* Overbeck, J.A. 14710
MacCraith, B.D. *see* McCabe, S. 6664
McCray, L.G. *see* Metzger, R.A. 2458
McCray, L.G. *see* Metzger, R.A. 2470
McCready, D.E. *see* Chick, L.A. 17347
McCrohan, J.L. *see* Suleiman, O.H. 15941
McCrory, E. Beam diagnostics for the Fermilab 400 MeV Linac 6971
McCrory, R.L. *see* Soures, J.M. 3410
McCrosky, C. *see* Vaidyanathan, C.S. 30486
McCrosky, C.D. *see* Jainapurkar, A.D. 26582
McCubbin, N.A. *see* Foster, B. 31714
McCullagh, M.J., Wisely, D.R. 155 Mbit/s optical wireless link using a bootstrapped silicon APD receiver 45915
McCullagh, M.J., Wisely, D.R., Eardley, P.L., Smyth, P.P. A 50 Mbit/s optical wireless LAN link using novel optical and electronic enabling technologies 45980
McCulloch, J. *see* Searle, M. 6163
McCulloch, M. *see* Abe, K. 15619
McCulloch, M.D., Landy, C.F. Evaluation of the short circuit current in induction motors with deep bars 8382
McCulloch, M.D. *see* Pagel, A. 8578
McCulloch, P.M. *see* James, G.C. 36373
McCullough, C.L., Crull, M., Thomas, D. Adventures in Engineering: a unique program to attract under-represented groups to engineering 33279
McCullough, M. Integrated boiler/turbine controls retrofit with single operator interface 47728
McCullough, M. *see* Sherwood, B.W. 47727
McCullough, P.R. Interferometry of Cyg A and Cas A: source noise at 327 MHz 14744
McCullough, T. *see* Hayden, W. 14574
McCullough, W.F. *see* Merkel, G. 34490
McCullough, W.F. *see* Miller, R.B. 34489
McCully, P.K. *see* Whitman, J.W.E. 32105
McCurley, D. *see* Kendall, H.W. 46970
McCurley, K.S. *see* Gordon, D.M. 12932
McCutcheon, D.M. Impacts of vendor project management methods on flexible manufacturing system implementation: a field study 26148
McCutcheon, M.J. *see* Neufeld, G.W. 5472
McCutcheon, R.G. *see* Aikin, J.A. 16613
McCutcheon, S. Innovation in GPS time measurement 38370
McCutcheon, W.J. *see* Pyszczek, M.F. 17183
McDade, J. CASS electro-optic console laser testing 24561
McDaniel, J. *see* Bohmann, L.J. 47499
McDaniel, J.C. *see* Hollo, S.D. 31519
McDaniel, T.L., Haendler, F. Advanced RF cards for fare collection 45905
McDearman, J.R. *see* Plunkett, T.R. 45376
McDermid, W. *see* Ding Lin 47926
McDermott, B. *see* Ho, W.J. 28255
McDermott, B. *see* Ho, W.J. 43090
McDermott, B.A. *see* Bohs, L.N. 31852
McDermott, B.T. *see* Seabury, C.W. 27207
McDermott, D. *see* Zhang, R. 43690
McDermott, D.B. *see* Chong, C.K. 27430
McDermott, D.B. *see* Wang, Q.S. 27429
McDermott, H.J., Vandali, A.E., van Hoesel, R.J.M., McKay, C.M., Harrison, J.M., Cohen, L.T. A portable programmable digital sound processor for cochlear implant research 24350
McDermott, H.J. *see* Jones, P.A. 7483
McDermott, H.J. *see* Moxham, J.R.E. 7473
McDermott, J. *see* Wong, E.M.C. 5816
McDermott, J.A., Welsh, D. EMC compliance for intelligent wiring systems: twisted pair LANs and the new European EMC standards 36241
McDermott, M. *see* Chao, S.-C. 14227
McDermott, T., Keeney, R. A programmable gain, constant phase shift amplifier 1068
McDermott, T.E., Short, T.A., Anderson, J.G. Lightning protection of distribution lines 47579
McDermott, T.E. *see* Elkins, D.I. 9043
McDevitt, J.T. *see* Haupt, S.G. 28400
McDevitt, T.E., Koopmann, G.H., Burroughs, C.B. Two-channel laser vibrometer techniques for vibrational intensity measurements. I. Flexural intensity 31531
McDonagh, D. *see* Arshak, K.I. 34862
McDonagh, D. *see* Mathur, B.P. 11090
MacDonald, A. *see* Zimmer, R. 9417
MacDonald, A. *see* Zimmer, R. 18399
McDonald, A.B. Sudbury Neutrino Observatory 46856
MacDonald, B.A., Fallone, B.G. Charge decay in electrets formed by ionizing radiation in air 28299
MacDonald, B.A., Fallone, B.G. Improved modeling of surface charge distributions in electret ionization chambers 44227
MacDonald, B.A., Fallone, B.G., Markovic, A. Radiation-induced conductivity of Teflon in electret ionization chambers 7261
McDonald, C. *see* Usher, J. 38013
MacDonald, C.E. *see* Barbosa, L.C. 28372
McDonald, C.F. The key role of heat exchangers in advanced gas-cooled reactor plants 39867
McDonald, D. EMC compliance of the TEC 6 vaporizer 39081
McDonald, D., O'Dowd, R.F. "Inverted" gain-levered long-wavelength MQW optical transmitter with enhanced FM efficiency and suppressed AM 30716
McDonald, D. *see* Ziock, H.-J. 46885
McDonald, D.J., Urbanek, J., Damsky, B.L. Modeling and testing of a thyristor for thyristor controlled series compensation (TCSC) 47997
McDonald, D.K. PFBC plant operations - Tidd 8161
MacDonald, D.S., Weatherley, J.W., Hollick, D.J. A modern jointing system for medium voltage distribution cables 16416
McDonald, D.S. *see* Leung, K.N. 7143
McDonald, D.S. *see* Leung, K.N. 38833
McDonald, D.S. *see* Young, A.T. 46825
MacDonald, J. *see* Ackerman, E. 5949
McDonald, J. *see* Ahamd, U. 1689
McDonald, J. *see* Jophn, J.P. 2155
Macdonald, J.A. *see* Woody, C.L. 7253
McDonald, J.C. Public network integrity—avoiding a crisis in trust 37167
McDonald, J.C. *see* Tsong-Ho Wu 37259
McDonald, J.D. *see* Wright, S.A. 29114
McDonald, J.F. *see* Dabral, S. 294
McDonald, J.F. *see* Liu, W.-T. 26185
McDonald, J.P., Lambert, R., Fryer, R.J. 3D measurement using stereo scene coding 45161
MacDonald, J.R., Johannes, J.D., Schwan, K. Ada dynamic load control mechanisms for distributed embedded battle management systems 7689
McDonald, J.R., Whiting, P.A., Lo, K.L. Spot pricing: evaluation, simulation and modelling of dynamic tariff structures 32285
McDonald, J.R., Whiting, P.A., Lo, K.L. Optimized reaction of large electrical consumers in response to spot-price tariffs 32286
McDonald, J.R. *see* Asar, A.-u. 16241
McDonald, J.R. *see* Asar, A.U. 7887
McDonald, J.R. *see* Azzam-ul-Asar, J.R. 24854
McDonald, J.R. *see* Cockburn, D. 24916
McDonald, J.R. *see* Khan, S. 8717
McDonald, J.R. *see* McArthur, S.D.J. 16455
MacDonald, K.A. *see* Bell, J.M. 35480
McDonald, K.T. *see* Lu, C. 46901
McDonald, K.T. *see* Pisin Chen 6886
MacDonald, M. Design broadband passive components with ferrites 18971
McDonald, M. *see* Hendel, P.B. 25957
McDonald, M. *see* Levy, C.D.P. 31636
McDonald, M. *see* Schmor, P.W. 15580
McDonald, M.D. A 2.5 GHz BiCMOS image reject front-end 34270
McDonald, M.D. *see* Taylor, S. 30659
McDonald, M.G., Lankford, R.J. Membrane nitrogen wave soldering 34393
MacDonald, N. Choices in the harmonic balance technique 10009
MacDonald, N.C. Microelectromechanics, nanomechanisms, and tips 19971
MacDonald, N.C. *see* Lisa Zhang, Z. 27410
MacDonald, N.C. *see* Santos, E.J.P. 27405
MacDonald, N.C. *see* Shaw, K.A. 27620
MacDonald, N.C. *see* Yao, J.J. 28169
McDonald, P. *see* Fowler, B. 19671
McDonald, P.T. *see* Weatherford, T.R. 39239
MacDonald, R. *see* Eichler, H.J. 20243
Macdonald, R. *see* Kaminskii, A.A. 28785
McDonald, R.C., Harrik, P., Hossain, S., Goebel, F. Analysis of secondary lithium cells with sulfur dioxide based electrolytes 17201
MacDonald, R.I. *see* Liu, Q.Z. 45986
MacDonald, R.I., Lawandy, N.M. High density optically encoded information storage using second harmonic generation in silicate glasses 2948
Macdonald, R.P., Chrostowski, J., Boothroyd, S.A., Syrett, S.A. Holographic formation of a diode laser nondiffracting beam 20958
MacDonald, R.S. *see* Greenhut, S.E. 31982
MacDonald, S.A., Larson, C.E., Schlosser, H., Brock, P.J., Clecak, N.J., Frechet, J.M.J. Positive tone dry-develop resist based on cross-linking a phenolic resin 11073
MacDonald, S.A. *see* Hinsberg, W.D. 11049
MacDonald, S.A. *see* Willson, C.G. 11080
MacDonald, S.J. *see* Arrillaga, J. 7737
Macdonald, S.J. *see* Arrillaga, J. 32907
McDonald, T.E. *see* Harris, D.B. 3422
McDonald, T.G. *see* Boysel, R.M. 3146
MacDonald, W.M., Fanucci, R.E., Blonder, G.E. Si-based laser sub-assembly for telecommunications 33362
MacDonald, W.M. *see* Suhir, E. 43412
McDonnell, B. DSM through the collaborative effort - Tri-Cities Conservation Cooperative Burbank, Glendale, and Pasadena 7779
McDonnell, D.G., Bannister, R.W., Graham, A., Hughes, J.R., Pedlingham, H.A., Scattergood, D.C., Smith, C.J.T. High resolution ferroelectric liquid crystal display 46552
McDonnell, J.R., Waugen, D.E., Page, W.C. Evolving neural network pattern classifiers 29865
McDonnell, J.T.E. *see* Grant, P.M. 4612
McDonnell, N., O'Connor, W.J. Modeling of thick disc piezoceramic sensors 43229
McDonough, J. *see* Asoka-kumar, P. 23994
McDowall, D.S., Fusco, V.F. Concurrent hybrid modelling of active microstrip antennas 29327
MacDowell, A.A., Bjorkholm, J.E., Early, K., Freeman, R.R., Himel, M.D., Mulgrew, P.P., Szeto, L.H., Taylor, D.W., Tennant, D.M., Wood, O.R., II, Bokor, J., Eichner, L., Jewell, T.E., Waskiewicz, W.K., White, D.L., Windt, D.L., D'Souza, R.M., Silfvast, W.T., Zernike, F. Soft-X-ray projection imaging with a 1:1 ring field optic 27832
MacDowell, A.A. *see* Calvert, J.M. 2309
MacDowell, A.A. *see* Calvert, J.M. 11036
MacDowell, A.A. *see* Early, K. 27828
MacDowell, A.A. *see* Murphy, J.B. 27813
MacDowell, A.A. *see* Taylor, G.N. 28037
MacDowell, A.A. *see* Tennant, D.M. 27823
MacDowell, A.A. *see* Tichenor, D.A. 27831
McDowell, G.W.A., Lockwood, M.L. Real time monitoring of movement of transformer winding 47948
McDowell, J.K. *see* Davis, J.F. 24413
McDuff, R.G. *see* Smith, A.E. 20951
Mace, B.Burnham *see* Burnham Mace, B
Mace, D.R. *see* Simpson, P.J. 10712
Mace, M., Nacer, F.M. Designing and building the utility-wide AM/FM the Ohio Edison Company experience 32398
McEachern, D.W. *see* Williams, P.M. 47691
Macedo, N.J.P. *see* Martins, N. 24709
Macek, M., Kordesch, A.V., Ohredkar, R. Numerical analysis of a SWEAT structure with an improved one dimensional nonlinear model 42755
Macek, M.L. *see* Morrison, G.L. 46682
Macek, M.L. *see* Morrison, G.L. 46684
McElhanon, W. *see* Burns, W.K. 44116
McElhinney, M. *see* Goodwill, D.J. 35490
McElece, R.J., Sivarajan, K.N. Heavy traffic performance of a class of channel assignment algorithms [cellular telephone systems] 37817
McEliece, R.J., Sivarajan, K.N. Performance limits for channelized cellular telephone systems 45862
McElroy, F. *see* Mann, K. 5157
McElroy, J.F. Recent advances in SPE water electrolyzer 32023
McElroy, M.W. An overview to the EIA/TIA standards 37689
McElroy, M.W. The EIA/TIA 568 cabling standard 37690
McEntee, J. Start making microsensors 31166
McEntyre, C.L., Bohac, C.E. Use of computer modeling to evaluate wastewater management alternatives 32679
Macerl, A. *see* Leonardis, A. 45123
Macesic, N. *see* Tacey, P.A. 30338
McEuen, A. *see* Tanabe, E. 42353
McEvoy, A.J., Thampi, K.R., Van herle, J. Interface microstructure and electrocatalysis in solid oxide fuel cells 17372
McEwan, N.J. *see* Rayit, A.K. 1485
McEwan, N.J. *see* Rayit, A.K. 42154
McEwan, P.M. Modelling of thyristors using manufacturers data 42901
McEwan, W. *see* Fairhurst, G. 14261
McEwen, C.N. *see* Fagan, P.J. 9804
Macey, D.J. *see* Bayouth, J.E. 39018
McFadden, L. AT&T Bell Laboratories creates a quality team to study technical reports 33288
McFadden, P.D. *see* Wang, W.J. 4758
McFadden, P.D. *see* Wang, W.J. 5113
McFadden, R.H. Exploring simplified, reliable, maintainable power systems for Space Station Freedom 47208
McFadden, S. *see* Kaufmann, R. 31354
McFadden, T.J. *see* Law, J.R. 152
McFarland, E.W., Dai, H., Na, H., Lanza, R. Segmented array reconstructions for tomographic imaging of large objects: theory and an application to neutron computed tomography 13524
McFarland, M.J. *see* Beeson, K.W. 3157
McFarland, M.J. *see* Beeson, K.W. 43541
McFarland, P.A. *see* Shahidi, G.G. 11305
McFarland, R. *see* Actor, G. 10985
MacFarlane, D.L., Dowling, E.M. Three-mirror etalons as bandpass filters for modulated optical signals 20503
MacFarlane, D.L. *see* Narayan, V. 43751
McFarlane, G. *see* Beadle, E.W.P. 14000
McFarlane, G. *see* Chandler, A. 38349
Macfarlane, J.C., Wright, W., Whitbourn, L.B., Bowman, R.M., Donaldson, G.B. Experimental evaluation of YBCO thin film bolometers at visible and far-infrared wavelengths 38492
Macfarlane, P.W. *see* Devine, B. 7451

McFarlane, R.A. *see* Lui, M. 9664
Macfarlane, R.M. Photon-echo measurements on the trivalent thulium ion 20995
MacFarlane, S.D. *see* Abdel-Aty-Zohdy, H.S. 11214
McFee, J.E., Russell, K.I., Ito, M.R., Vu, R.Q., Das, Y. Analysis of minefield images using a transputer network 7692
McFeely, F.R. *see* Seidler, P.F. 41485
McFeely, F.R. *see* Shuh, D.K. 34697
McGahan, W.A. *see* Nafis, S. 10896
McGahan, W.A. *see* Synowicki, R.A. 18373
McGarrah, R.V. *see* Carlson, D.R. 32348
McGarrity, C., Dalglish, R.L., Restrepo, J. Detecting surface boundaries on simple objects in an autonomous 3D machine vision system 4988
McGarrity, C., Jackson, D.A. Time division multiplexed topology for Michelson interferometer sensors to measure low frequency measurands 20686
McGarrity, C., Pechstedt, R.D., Jackson, D.A. Studies of Rayleigh interference in fibre illuminated by a long coherence length laser 20335
McGarrity, C. *see* Dalglish, R.L. 38562
McGarrity, J.P., Hayward, G., Powell, D.J. A facet ensemble approach for evaluation of array performance in ultrasonic NDE 33790
McGarvey, B.P. *see* Van Berkel, C. 43598
McGarvey, J. *see* de Groot, P. 6523
McGee, A. *see* Zierold, D. 32637
McGee, M.C. *see* Williamson, F.R. 6131
McGee, M.C. *see* Williamson, F.R. 23190
McGee, W.E. The training window: viewing training programs' effectiveness 39767
McGee, W.F. *see* Zhang, G. 21746
McGeehan, J. *see* Xue, H. 14258
McGeehan, J.P. Linear modulation - a flexible approach 14520
McGeehan, J.P. *see* Wijayasuriya, S.S.H. 37825
McGeehin, P. Quality gas sensors in the UK are world class 38579
McGeer, P.C., Sanghavi, J.V., Brayton, R.K., Sangiovanni-Vicentelli, A.L. ESPRESSO-SIGNATURE: a new exact minimizer for logic functions 33979
McGehee, D., Jaffe, J.S. A spatially shaded PVDF acoustic transducer 16050
McGehee, D., Jaffe, J.S. Beamforming with dense random arrays: the development of a spatially shaded polyvinylidene fluoride acoustic transducer 32138
McGeoch, M.W. Efficient generation at 4.8 μm by doubling of mode-locked CO_2 laser radiation 28989
McGettrick, A. Multimedia for engineers 33285
McGhee, J. *see* Buksa, J. 24444
McGhee, J. *see* Henderson, I.A. 21510
McGhee, J. *see* Henderson, I.A. 26110
Macgibbon, B. *see* Gourdin, E. 41115
McGill, J.F. *see* Hammons, T.J. 25382
McGill, R.A. *see* Grate, J.W. 15104
McGill, T.C. *see* Feenstra, R.M. 42538
McGill, T.C. *see* Ting, D.Z.-Y. 42455
McGillis, D., Manoliu, R., Galiana, F.D. An integrated package of expert systems for transmission planning 7889
MacGillivray, J. *see* Marek, J.R. 41224
McGilp, M.I. *see* Staton, D.A. 144
McGilp, M.I. *see* Staton, D.A. 8456
McGinnis, B.P. *see* Lee, S.G. 28984
McGinnis, L.F. *see* Ammons, J.C. 1728
McGinnis, L.F. *see* Narayanan, S. 17820
McGinnis, P. *see* Wang, X.W. 865
McGinnis, S.P. *see* Tewksbury, S.K. 20578
McGinnis, S.P. *see* Tewksbury, S.K. 40930
McGinnity, T.M. *see* Langstaff, D.P. 46942
McGinty, D. *see* Soderstrand, M.A. 42045
McGlade, B.J. Developments in still image technology and services 5428
McGlinchey, D., Tracey, D. EuroBridge: making broadband services usable 14024
McGlynn, R.F. *see* Wardle, D.G. 25264
McGonnell, J.K. Mounting cylindrical resistors 34391
McGough, K. *see* Kessler, D.H. 8183
McGough, M.S. *see* DeMarco, J.A. 8107
MacGowan, B.J. *see* Moreno, J.C. 35646
MacGowan, B.J. *see* Nilsen, J. 28692
MacGowan, B.J. *see* Osterheld, A.L. 43721
McGowan, R., Himmel, J., Kosinski, J., Lindenmuth, R., Lukaszek, T. Acceleration sensitivity of SAW oscillators: a market survey 2776
McGowan, R., Kosinski, J., Lindenmuth, R., Himmel, J., Lukaszek, T. Acceleration sensitivity study for commercially available SAW oscillators 2748
McGowan, R. *see* Himmel, J. 20117
McGowan, R.S. Recovering articulatory movement from formant frequency trajectories using task dynamics and a genetic algorithm: preliminary model tests 29559
McGrail, A., Risino, A., Auckland, D.W., Varlow, B.R. Use of a medical ultrasonic scanner for the inspection of high voltage insulation 28312
McGrane, K.M. *see* Johnson, G.E. 35594
McGrath, G. Signal analysis via the bootstrap 29568
McGrath, J.M. *see* Crassidis, J.L. 7540
McGrath, R.D. *see* Hsieh, T.-C. 6586
McGrath, S. *see* Hayes, M.P. 37703
McGrath, S. *see* O'Brien, P. 36486
McGrath, W.R. *see* Febvre, P. 6168
McGrath, W.R. *see* Lubecke, V.M. 27178
McGrath, W.R. *see* Salez, M. 46148
McGreer, K.A., Fallahi, M., Delage, A., Templeton, I.M., Chatenoud, F., Dion, M., Barber, R., Normandin, R. Integration of tunable segmented lasers and electrically pumped combiner for WDM 37683
MacGregor, D.L. *see* Hughes, L.A. 10598
MacGregor, D.S., Rojeski, R.A., Knoll, G.F., Terry, F.L., Jr., East, J., Eisen, Y. Present status of undoped semi-insulating LEC bulk GaAs as a radiation spectrometer 47017
McGregor, J. *see* Baroth, E. 38416
McGregor, J.M. *see* Manku, T. 19356
MacGregor, M., Grover, W.D., Maydell, U.M. Connectability: a performance metric for reconfigurable transport networks 30254
McGregor, M.A. *see* Kincaid, J.E. 455
MacGregor, M.H. *see* Dunn, D.A. 37172
MacGregor, M.H. *see* Grover, W.D. 37158
MacGregor, P.R., Spellman, J.P., Szczepanski, R.S. The consequences of incorporating environmental externalities in utility integrated resource planning 47440
MacGregor, R. *see* Ye, J.Z. 42362
MacGregor, S.J., Tuema, F.A., Turnbull, S.M. Repetitively operated spark gap switches 48008
MacGregor, S.J. *see* McPhee, A.J. 48009
MacGregor, S.J. *see* Turnbull, S.M. 17106
Macgregor Smith, J. *see* Cheah, J.Y. 41045
McGrew, M. *see* Fritschen, D. 34452
McGroarty, J., Borgensen, P., Yost, B., Li, C.-Y. Statistics of solder joint alignment for optoelectronic components 17918
McGroarty, J. *see* Yost, B. 17917
McGuffin, R.W. *see* Pokala, R.P. 18649
McGuigan, T.C. Modeling the lot selection process in semiconductor photolithography processing 2383
McGuinness, J. Advantages of five phase motors in microstepping drive 40518
McGuinness, R. *see* Holt, A.R. 29209
McGuire, G.E. *see* Hsia, S.L. 739
McGuire, G.E. *see* Hsia, S.L. 33663
McGuire, G.E. *see* Liu, X. 42611
McGuire, J.C. Definition of flight crew interface requirements for the electronic library system 39201
Mach, K. *see* Sacks, R. 24414
Mach, R., Mueller, G.O. Mechanisms of thin film color electroluminescence 35597
Machac, J., Menzel, W. On the design of waveguide-to-microstrip and waveguide-to-coplanar line transitions 27156
Machac, J. *see* Menzel, W. 27153
Machado, A.H., Jr. *see* de Menezes, L.R.A.X. 1477
Machado, J.C. *see* Pereira, W.C.A. 16041
Machado, J.M. *see* Takahashi, J. 15381
Machado, V.M.Malo *see* Malo Machado, V.M.
Machado e Moura, A. *see* Vale, Z.A. 24722
Machado e Moura, A. *see* Vale, Z.A. 32233
Machala, C.F., III, Chern, J.H., Wise, J.L., Ping Yang A capacitance method for accurate extraction of oxide thickness, gate length reduction and lateral diffusion of CMOS LDD devices 42968
Machala, C.F., III, Parker, J.R., Seitchik, J.A., Ping Yang Modeling the bipolar transistor over device size and temperature 42887
Machala, C.F., III *see* Vrotsos, T.A. 43080
Machan, J.P. *see* St Pierre, R.J. 20712
McHardy, J. *see* Gandhi, M.S. 1716
Machczynski, W. Evaluation of conductive effects on Earth return circuits 36286
McHenry, E. *see* Anderman, M. 17236
Machernuch, E. *see* Bing, K. 26521
Machetanz, J., Forster, J., Bischoff, C., Meyer, B.-U., Isenberg, C., Conrad, B. PC-based system for an objective quantification of manual movement disability for clinical and scientific purposes 24143
Machias, A.V., Vokas, G.A., Sarantelis, A.M. An economic study for the application of photovoltaic power on two Greek islands 8239
Machias, A.V. *see* Avgerinos, J.A. 16173
Machias, A.V. *see* Avgerinos, J.A. 16628
Machida, M. *see* Uezato, K. 25102
Machida, S. The Simpsons program. 6-D phase space tracking with acceleration 46769
Machida, S. *see* Inoue, S. 12120
Machida, S. *see* Koga, J. 46753
Machida, S. *see* Li, M. 46755
Machida, S. *see* Yamamoto, Y. 20852
Machida, T., Saegusa, M., Sugiyama, N. Newly developed, small diameter optical link cord using compound glass fiber 3057
Machida, T. *see* Nobuhara, H. 20796
Machii, T. *see* Suzuki, T. 25463
Machino, T. *see* Yasui, J. 8236
Machisima, E. *see* Ohki, H. 15075
Machmoum, M. *see* Cherkaoui, M. 25452
Machner, H. *see* Nake, C. 31611
Macho Cacho, L., Werthof, A., Kompa, G. Broadband 40 GHz Si/SiGe HBT equivalent circuit using a successive analytical model parameter extraction 27222
Machovec, G.S. Veronica: a gopher navigational tool on the Internet 5478
Machowski, J., Nelles, D. Simple robust adaptive control of static VAr compensator 24748
Machtovoi, I.A., Mikheev, A.S. Construction principles for an artificial vision system for preventing collisions of railroad vehicles 46513
McHugh, D. *see* Russell, S.V. 15818
McHugh, P. *see* Landis, D. 14884
McHugh, R. *see* Paul, J.G. 44842
McHugh, S. *see* Abe, K. 7260
McHugh, S. *see* Abe, K. 15619
McHugh, S. *see* Abe, K. 46930
Machui, J., Muller, G., Ruile, W., Reindl, L., Weigel, R., Russer, P. A new low loss SAW filter structure with extremely wide bandwidth for mobile communication systems 1300
Machui, J., Ruile, W. Z-path IF-filters for mobile telephones 2769
Machui, J. *see* Muller, G. 42031
Machui, J. *see* Ruppel, C.C.W. 11421
Machusak, D.A. *see* Munie, G.C. 34437
Maci, S., Avitabile, G.F., Bonifacio, F., Borselli, L. A multiresonant slotted patch 29307
Maci, S., Borselli, L., Avitabile, G., Biffi Gentili, G., Tiberio, R. A CAD-oriented approach for aperture-coupled patch antennas 21411
Maci, S., Manara, G., Pelosi, G., Tiberio, R. Multiple wedge diffraction 21206
Maci, S., Tiberio, R., Toccafondi, A. Diffraction coefficients at edges in artificially soft and hard surfaces 36131
Maci, S. *see* Tiberio, R. 12589
Macia, J. *see* Dkiouak, R. 27689
Macia, J. *see* Perez-Rodriguez, A. 34616
Macia, R.Ruiz *see* Ruiz Macia, R.
Macias, J.L.Ruiz *see* Ruiz Macias, J.L.
Maciejko, R. *see* Chunmeng Wu 35874
Maciejko, R. *see* Reid, B. 20572
Maciejko, R. *see* Zheng Wang 45924
Maciel, G.S. *see* Gomes, A.S.L. 3874
Maciel, L.J. *see* Moyer, L.R. 23121
Maciel, L.R., Bertoni, H.L., Xia, H.H. Propagation over buildings for paths oblique to the street grid 36182
Maciel, L.R. *see* Xia, H. 29180
Maciga, B. *see* Aleksandrov, A.V. 38805
Maciga, B. *see* Calabrese, R. 34473
Maciga, B. *see* Calabrese, R. 38804
Macii, E. Further considerations on the complexity of digital simulators 26760
Macii, E., Magnanini, L., Meo, A.R. Efficient heuristics for sequential ATPG 10082
Macii, E., Meo, A.R. Test generation for sequential networks affected by reconvergent fanout: a solution based on a 9-valued algebraic circuit model 26840
Macii, E., Meo, A.R. Testability measures reduce test generation time in sequential ATPG 26841
Macii, E., Meo, A.R. A test generation program for sequential circuits 41780
McIlvaney, K. *see* Nawaz, M. 3182
McIlvaney, K. *see* Nawaz, M. 28519
McIlvaney, K. *see* Nawaz, M. 28520
McIlvenna, T. *see* Evenson, A. 21646
McIlwain, R. *see* Abbott, B. 7245
McIlwain, R.L. *see* Abbott, B. 31776
Macina, D. *see* Buontempo, S. 31696
McInerney, E.J., Mountsier, T.W., Broadbent, E.K. A new analytic rate expression for hydrogen reduced tungsten 822
McInerney, J.G. *see* Bohn, M. 20832
McInerney, J.G. *see* Farrer, S.W. 30786
McInerney, J.G. *see* Hua Li 43945
McInerney, J.G. *see* Li, H. 28830
McInerney, J.G. *see* Paxton, A.H. 28917
Macinnes, A.N. *see* Jenkins, P.P. 42736
MacInnes, A.N. *see* Jenkins, P.P. 42979
McInnes, A.W., Marshall, T.H. Row convergence of algebraic approximations 18054
McInnes, P. *see* Bozzoli, W. 38923
McInnis, R. *see* Kahn, F.J. 6699
McIntosh, B. *see* Vidrine, D.W. 16653
McIntosh, B. *see* Vidrine, D.W. 32692
McIntosh, R. *see* Mead, J. 46094
McIntosh, R. *see* Thakur, R.P.S. 2175
McInturff, D.T. *see* Tong, F. 11899
McIntyre, C. Ceramics and PTOF microwave push level measurement reliability 38457
McIntyre, C.M., Roger, W.A. Data association in passive acoustic tracking 30930
McIntyre, D.C. *see* Tuttle, B.A. 28323
McIntyre, I. *see* Cardwell, K. 30904
McIntyre, I. *see* Zucker, O. 28504
McIntyre, K. *see* Astrachan, P. 1263
McIntyre, R.J. *see* Hanger, J.A. 31668
Maciossek, A. *see* Lochel, B. 33672
Maciszewski, W. *see* Izewska, J. 7472
Mack, A.S. *see* Besser, P.R. 34828
Mack, C. *see* Thane, N. 11045
Mack, C.A. Optimization of the spatial properties of illumination for improved lithographic response 2272
Mack, C.A. Phase contrast lithography 2345
Mack, C.A. Understanding focus effects in submicrometer optical lithography: a review 11029
Mack, C.A. Positive photoresists—exposure 42799

Mack, C.A. *see* Mahoney, P.F. 2371
Mack, J.M. *see* Harris, D.B. 3422
Mack, M.P. *see* Heimbuch, M.E. 41440
Mackara, S.R. *see* Gambogi, W.J. 29049
Mackay, A.T., Kamper, M.J., Nel, J.S. Design aspects of reluctance synchronous machine with normal laminated flux-barrier rotor 40150
Mackay, C.D. Cooled, slow-scan CCD camera system with 20-bit dynamic range and multiple sub-array read-out 6570
Mackay, C.D. Intelligent fast read-out cooled CCD cameras with wide dynamic range 6574
McKay, C.M. *see* McDermott, H.J. 24350
McKay, K.K. *see* Poler, J.C. 42564
McKay, K.K. *see* Poler, J.C. 42573
McKay, N. *see* Bozzoli, W. 38923
McKay, R. *see* Crawley, H.B. 24091
McKay, R. *see* Crawley, H.B. 46297
McKay, R. *see* Usher, J. 38013
Mckay, R.G., Cartledge, J.C. Performance of coherent optical CPFSK-DD with intersymbol interference, noise correlation, and laser phase noise 44655
MacKay, S., Abma, R. Depth-focusing analysis using a wavefront-curvature criterion 15978
McKean, D.R., Wallraff, G.M., Volksen, W., Hacker, N.P., Sanchez, M.I., Labadie, J.W. Base-catalyzed photosensitive polyimide 11009
McKean, K. *see* Potier, N. 34409
McKee, A. *see* McLean, C.J. 1884
McKee, B. *see* Lin, D.-G. 11195
McKee, G.T. *see* Grech-Cini, H.J. 29557
McKee, M.A. *see* Byueng-Su Yoo 19339
Mckee, P., Wood, D., Towers, J., Smyth, P. Applications of computer generated, free-space diffractive optics from interconnections and packaging to optical wireless antennas 12488
McKee, P. *see* Thurlow, A. 43386
McKee, S. *see* Oliveira, P. 16207
McKee, T.M. *see* Shor, S.W.W. 32762
McKeighen, R.E. Optimization of broadband transducer designs by use of statistical design of experiments 16046
McKemey, A.K. *see* Robbins, M.S. 38864
McKenna, P.M. *see* Perala, R.A. 39134
McKenny, P.J. *see* Degeneff, R.C. 40277
Mackenthun, K. A fast algorithm for maximum likelihood detection of QPSK or $\pi/4$-QPSK sequences with unknown phase 36485
Mackenzie, A.I., Baxa, E.G., Jr., Harrah, S.D. Characterization of urban ground clutter with new generation airborne Doppler weather radar 23173
McKenzie, D.R., Yin, Y., Marks, N.A., Davis, C.A., Kravtchinskaia, E., Pailthorpe, B.A., Amaratunga, G.A.J. Tetrahedral amorphous carbon properties and applications 27502
McKenzie, D.R. *see* Amaratunga, G.A.J. 27662
McKenzie, D.R. *see* Atkins, G.R. 43400
MacKenzie, F. *see* Smith, G.R. 5049
MacKenzie, G. *see* Anderson, J.McC. 39130
MacKenzie, H.S. *see* Pendock, G.J. 3471
MacKenzie, I.G. *see* Dai, J. 13011
MacKenzie, I.G. *see* Dai, J. 36616
Mackenzie, J.D. *see* Park, S.-S. 15105
Mackenzie, J.M. *see* Morgan, R.E. 7541
Mackenzie, K. *see* Agarwal, A. 18772
McKenzie, P.F. *see* Boroson, D.M. 21490
McKenzie, R. Press-down fixturing benefits board ATE industry 34381
Mackenzie, R. *see* Capeans, M. 24060
MacKenzie, S. *see* Herbert, P.A.F. 28034
McKeown, J.H.A. *see* Mohamed, S.A. 29190
McKeown, N., Varaiya, P., Walrand, J. Scheduling cells in an input-queued switch 22305
McKeown, S.A. Solder life prediction for leadless chip carriers 39175
Mackerle, J. Mesh generation and refinement for FEM and BEM—a bibliography (1990-1993) 18110
McKernan, D.B. *see* Wong, B. 33354
McKernan, T.M. *see* Palmer, J.A. 32429
McKerrow, P.J. Echolocation — from range to outline segments 23230
McKerrow, P.J. Echolocation: from range to outline segments 38174
McKerrow, P.J., Evans, D. Echolocation—analysis of echoes. [US sensors in robotics] 24534
McKie, A.D.W. *see* Addison, R.C., Jr. 9839
Mackie, B.R. Image processing moves into the manufacturing mainstream 17947
Mackie, D.S. *see* Johnson, G.E. 1646
Mackie, K. The Electra—a world series shearer [mining shearer] 40685
McKiever, F.J. *see* Light, D.N. 378
McKinlay, A. *see* Hine, N.A. 37570
McKinlay, A. *see* Hine, N.A. 39110
McKinley, J.T., Albridge, R.G., Barnes, A.V., Baudat, P.A., Chen, G.C., Coluzza, C., Davidson, J.L., Dupuy, C., Gozzo, F., Illegems, M., Languell, M.L., Martin, D., Morier-Genoud, F., Polavarapu, P.L., Rudra, A., Smith, J.F., Tuncel, E., Yang, X., Ueda, A., Margaritondo, G., Tolk, N. Free-electron lasers and semiconductor physics: first results on nonlinear optics, interfaces, and desorption 44082
McKinley, M. *see* Varno, M. 32566
McKinney, D., Leibholz, D., Rosenbluth, M., Mullens, J., Kwong Chui, Bhaiwala, M., Patel, S., Houghton, C., Ramey, D. DECchip 21066: the Alpha AXP chip for cost-focused systems 41920
McKinney, E.D., DeBrunner, V.E. Fixed versus correlation-adaptive LMS acoustic narrowband arrays for hearing enhancement 24372
McKinney, J. *see* Berry, K. 17853
Mackinnon, B. *see* Oleynik, G. 46322
McKinnon, G.C. Ultrafast interleaved gradient-echo-planar imaging on a standard scanner 38981
MacKinnon, J.E. BC Hydro—a success story 32397
MacKinnon, N., Norrie, C.J., Sinclair, B.D. Laser-diode-pumped, electro-optically tunable Nd:MgO:$LiNbO_3$ microchip laser 43786
MacKinnon, N., Sinclair, B.D. A laser diode array pumped, Nd:YVO_4/KTP, composite material microchip laser 28780
McKinnon, W.R. *see* Hurd, C.M. 20514
McKinsey, R.R. *see* Wheeldon, J.M. 32640
McKinstrie, C.J., Cao, X.D., Li, J.S. Nonlinear detuning of four-wave interactions 3763
McKinstrie, C.J. *see* Kauranen, M. 21040
McKissock, B.I. *see* Bents, D.J. 7547
McKitterick, J.B. *see* Pennise, C.A. 34634
McKitterick, J.B. *see* Warren, W.L. 34633
Macklin, F.L. *see* Nelson, K.D. 39216
Macklin, H.R. *see* Picard, H.E. 32525
McKnight, D.J., Johnson, K.M., Serati, R.A. Electrically addressed 256 by 256 liquid-crystal-on-silicon spatial light modulator 20414
McKnight, D.J. *see* Walker, A.C. 11744
McKnight, D.J. *see* Walker, A.C. 11904
McKnight, J.A. *see* Firth, D. 25165
McKnight, J.G. Excess spacing loss with Alfenol-core and ferrite-core magnetic tape reproducing heads 43298
Macko, L. *see* Mudron, J. 1883
Macko, P. *see* Mudron, J. 1883
Mackova, V. *see* Mudron, J. 1883
Mackrell, A.J. *see* Sanderson, J.V.H. 47584
McLachlan, B. *see* Baron, A.E. 23758
McLachlan, R. Symplectic integration of Hamiltonian wave equations 26369
Maclaine, D. The shocking truth about electricity 31994
Maclaine, D. Are fibres ready to take control? 37999
Maclaine, D. Live wires 47536
McLane, G., Meyyappan, M., Cole, M.W., Lee, H.S., Lareau, R., Namaroff, M., Sasserath, J. Low damage magnetron reactive ion etching of GaAs 10900
McLane, G.F. *see* Cole, M.W. 10942
McLane, P.J. Two-stage Doppler-phasor-corrected TCM/DMPSK for shadowed mobile satellite channels 4370
McLane, P.J. *see* Beaulieu, N.C. 26289
McLane, P.J. *see* Koblents, B. 22710
McLane, P.J. *see* Koblents, B. 37937
McLaren, D.L., Gersho, A. An HDTV compression scheme for production-quality recording and high-performance shuttle operation 6225
McLaren, I.M. *see* White, H.J. 11795
McLaren, P. *see* Kermanshahi, B.S. 16269
McLaren, P.G., Kuffel, R., Giesbrecht, J., Keerthipala, W., Innes, S., Mustaphi, K. Testing 500 kV line relays for a series compensation upgrade 32495
McLaren, P.G., Swift, G.W., Neufeld, A., Zhang, Z., Dirks, E., Haywood, R.W., Fedirchuk, D., Castro, A. 'Open' systems relaying 32493
McLaren, P.G. *see* Jayasinghe, R.P. 32494
McLaren, P.G. *see* Keerthipala, W.W.L. 7989
McLaren, P.G. *see* Phadke, A.G. 47608
McLaren, R. *see* Green, B. 46985
McLaren, R.A. *see* Bozzoli, W. 38923
McLarnon, F.R. *see* Cairns, E.J. 17289
McLarnon, F.R. *see* Striebel, K.A. 25889
McLarty, P.K., Hill, W.L., Xu, X.-L., Misra, V., Wortman, J.J., Harris, G.S. Thin oxynitride film metal-oxide-semiconductor transistors prepared by low-pressure rapid thermal chemical vapor deposition 26499
McLarty, P.K., Hill, W.L., Xu, X.L., Wortman, J.J., Harris, G.S. Thin oxynitride films prepared by low pressure rapid thermal chemical vapor deposition 834
McLarty, P.K. *see* Xu, X.-L. 9704
McLauchlan, M.R. *see* Day, S.S. 11288
McLauchlan, P.F., Murray, D.W. Variable state dimension filter applied to active camera calibration 29747
McLaughlin, D.J. *see* Fritz, D.J. 9154
McLaughlin, D.L. *see* Loubriel, G.M. 28622
McLaughlin, D.L. *see* Loubriel, G.M. 44466
McLaughlin, D.L. *see* Zutavern, F.J. 28624
McLaughlin, J. *see* Anderson, J.McC. 39130
McLaughlin, J. *see* Liu, J.S. 41406
McLaughlin, S. *see* Chen, S. 12799
McLaughlin, S. *see* Chen, S. 13473
McLaughlin, S. *see* Chen, S. 29663
McLaughlin, S. *see* Chen, S. 45412
McLaughlin, S. *see* Hughes, D.T. 36636
McLaughlin, S. *see* Laurenson, D.I. 5794
McLaughlin, S. *see* Mulgrew, B. 13431
McLaughlin, S. *see* Ushaw, G. 36634
McLaughlin, S. *see* Ushaw, G. 42008
McLaughlin, S.W., Neuhoff, D.L. Source-channel coding of analog data for digital magnetic recording 43308
McLaughlin, W.L. *see* Humphreys, J.C. 23967
McLean, A. *see* Rice, M. 45881
McLean, A.N. *see* Cowley, W.G. 37748
McLean, C., Camci, C. Miniature laser doppler anemometers using solid state laser diodes 23934
McLean, C.J., McKee, A., Marsh, J.H., De La Rue, R.M. Lateral control of the bandgap in GaInAs/GaInAsP MQW structures using photoabsorption-induced disordering 1884
McLean, F.B. *see* Benedetto, J.M. 20051
McLean, G.F. Statistical indicator functions 13537
McLean, G.F. Vector quantization for texture classification 22026
McLean, K. *see* Bylsma, B.G. 31675
McLean, K. *see* Wang, M.-Z. 31689
McLean, K.W. *see* Bernstein, A. 31661
McLean, R.P., Sharkey, W.W. An approach to the pricing of broadband telecommunications services 30277
Maclean, T.S.M. *see* Ivrissimtzis, L.P. 29329
Maclean, T.S.M. *see* Ivrissimtzis, L.P. 29354
Maclean, T.S.M. *see* Ivrissimtzis, L.P. 44600
McLellan, J.F. *see* Gao, Y. 38181
McLemore, D.P. *see* Baum, C.E. 44394
McLendon, L. *see* Pang, C. 34686
McLennan, A.A. Static UPS technologies 47952
Macleod, A. Training the workforce for EMC: the approach taken by the DTI EMC Awareness Campaign 36242
McLeod, G.R. BIST techniques for ASIC design 1183
Macleod, H.A. *see* Chiao, S.-C. 8768
McLeod, J. *see* Bigio, I.J. 20634
McLeod, J. *see* Harris, D.B. 3422
McLeod, J. *see* Sullivan, J.A. 3426
Macleod, M.D., Wang, Z., Jullien, G.A., Miller, W.C. Interpolation using the discrete sine transform with increased accuracy [and reply] 44955
McLeod, N. DAB—delivery, delay or debacle? 38207
McLeod, R., Jr. *see* Jones, J.W. 40863
McLeod, R.D. *see* Blight, D.C. 34102
McLeod, R.D. *see* Zaifu Zhang 1143
MacLeod, R.W., Sotomayor Torres, C.M., Tang, Y.S., Kohl, A. Carrier confinement and fabrication effects in GaInAs-InP quantum wires and dots 19393
McLernon, D.C. *see* Brandao, A.L. 23098
McLevige, W.V. *see* Kozlowski, L.J. 46502
McIlroy, J.A. The history of the Greenwich Time Signal from 1924 to the present day 30949
McLoughlin, J. *see* Mielczarski, W. 16240
McMahon, A.C. *see* Delahoy, M.E. 6191
McMahon, A.W. *see* Arlinghaus, H.F. 42386
McMahon, G. *see* Ying, J.Y. 889
McMahon, J. *see* Bowman, S.R. 3492
McMahon, J. *see* Bowman, S.R. 20727
McMahon, J. *see* Siu, B. 26207
McMahon, R.A. *see* Leedham, R.J. 1064
McManamon, P. Long term vision for air to air infrared search and track sensors 32158
McManamon, P.F., Watson, E.A., Dorschner, T.A., Barnes, L.J. Applications look at the use of liquid crystal writable gratings for steering passive radiation 11699
McManamon, P.F. *see* Overbeck, J.A. 14710
McManamon, P.F. *see* Salisbury, M.S. 14709
McManus, A. *see* Boden, A. 38859
McMarr, P.J. *see* Campbell, P.M. 42726
McMaster, J.A. The new consumer revolution in telephony 37368
McMaye, F. Evaluation of alternative cooling techniques for TAB packages 40973
MacMillan, C.C. *see* Owings, H.B. 23387
Macmillan, D.S., Ma, C. Evaluation of very long baseline interferometry atmospheric modeling improvements 39339
MacMillan, J. *see* Palmero, A. 25465
McMillan, J.C., Bird, J.S., Arden, D.A.G. Techniques for soft-failure detection in a multisensor integrated system 46141
McMillan, K.L. *see* Burch, J.R. 41848
McMillan, L.D. *see* Melnick, B.M. 35144
McMillan, L.D. *see* Scott, J.F. 43141
McMillan, L.D. *see* Scott, J.F. 43153
MacMillen, D. *see* Fernandes, P. 971
McMorrow, D., Weatherford, T., Knudson, A.R., Tran, L.H., Melinger, J.S., Campbell, A.B. Single-event dynamics of high-performance HBTs and GaAs MESFETs 34924
McMorrow, D. *see* Weatherford, T.R. 35030
McMorrow, D. *see* Weatherford, T.R. 43005
McMullin, J.N., Narendra, R., James, C.R. Hollow metallic waveguides in silicon V-grooves 20345
McMurdo, G. *see* Simpson, E. 45518
McMurray, R.E., Jr., Hubbard, G.S., Wercinski, P.F., Keller, R.G. MeV gamma ray detection algorithms for stacked silicon detectors 15633
McMurry, P.H. *see* Simmonds, M.G. 41477
McNabb, D. *see* Lambert, J. 47609
McNally, J. *see* Parashar, S. 32072
McNamara, A. *see* Sperrin, G.F. 20304
McNamara, B. *see* McCormack, J. 18625

McNamara, D.A. Direct synthesis of optimum difference patterns for discrete linear arrays using Zolotarev distributions 21443
McNamara, D.A. Performance of Zolotarev and modified-Zolotarev difference pattern array distributions 36421
McNamara, D.A., Botha, L. On the functioning of folded dipole antennas on conducting masts 21416
McNamara, D.A., Joubert, J. Experimentally determined equivalent network scattering parameters for edge slots in rectangular waveguide for use as reference data 18956
McNamara, D.A. *see* Botha, E. 4317
McNamara, D.A. *see* Botha, E. 12769
McNamara, D.A. *see* Botha, E. 29385
McNamara, D.A. *see* Joubert, J. 29264
McNamee, L.P. *see* Lee, T.D. 26585
Macnaughton, D., Fraenkel, P.L., Paish, O.F., Hunter, R., Derrick, A. Tidal stream turbine development 25262
McNaughton, M.W. LAMPF beam-line polarimeters 46786
McNaughton, M.W. *see* York, R.L. 31638
McNaughton, R. Infinite games played on finite graphs 17999
McNaughton, W.P. *see* Richman, R.H. 8758
McNaull, J. *see* Wedderburn-Bisshop, T. 5341
MacNeal, B.E. *see* Brauer, J.R. 44272
McNeil, J.R. *see* Krukar, R.H. 2147
McNeil, J.R. *see* Krukar, R.H. 6780
McNeil, J.R. *see* Milner, L.M. 2291
McNeil, R. *see* Bernstein, A. 31661
McNeil, R. *see* Wang, M.-Z. 31689
McNeil, R.G. *see* Gillies, G.T. 47114
McNeil, R.R., Mohammadi, M., Yanagisawa, C. Depth of calorimeter for punchthrough suppression 24014
McNeil, S., Mimis, V., Sahay, V., Bowen, R. Use of the 30/20 GHz band by multi-purpose satellite systems 37908
McNeill, J.A. Simple circuits for generating high-voltage staircase waveforms 18525
McNeill, M.D., Ting-Chung Poon, Moore, D. Pulse-width modulation using an acousto-optic modulator 43564
McNenny, R. *see* Kirby, S. 23410
McNulty, P.J., Abdel-Kader, W.G., Beauvais, W.J., Adams, L., Daly, E.J., Harboe-Sorensen, R. Simple model for proton-induced latch-up 34073
McNulty, P.J. *see* Reed, R.A. 35076
McNulty, P.J. *see* Roth, D.R. 34065
McNutt, W.J. *see* Aubin, J. 25519
Macosko, C.W. *see* Shulong Li 18316
Macovski, A., Conolly, S. Novel approaches to low-cost MRI 7389
McOwan, P. *see* Gourlay, J. 3210
McOwan, P.W., Gordon, M.S., Hossack, W.J. A switchable liquid crystal binary Gabor lens 11705
McOwan, P.W. *see* Samus, S.S. 21121
McParland, C. *see* Gillies, B.A. 15905
McParland, C.P. *see* Greiman, W.H. 38921
McPartland, A.M. *see* Simpson, T.R. 103
McPartland, J.F. Maximum short-circuit protection for motor circuits 40089
McPeek, R. *see* Weber, B.L. 7615
MacPhee, A.G. *see* Cairns, G. 35648
McPhee, A.J., MacGregor, S.J. Design considerations for a low jitter trigatron 48009
MacPherson, D.C. *see* Taylor, A.J. 20625
Macpherson, D.E. *see* Henderson, D.S. 16761
McPherson, G.L. *see* Gharavi, A.R. 20735
McPherson, J.W. *see* Griffin, A.J., Jr. 42769
McPherson, J.W. *see* May, J.S. 2213
McPherson, J.W. *see* Ting, L.M. 42767
Macq, B., Comes, S., Mertes, J.Y., Queluz, M.P. Signal-adapted transform coding of sequences 36813
Macq, B., Mertes, J.Y. Optimization of linear multiresolution transforms for scene adaptive coding 45254
Macq, B., Quisquater, J.-J. Lossless image encryption 13549
Macq, B. *see* Comes, S. 13811
Macq, B. *see* Cuvelier, L. 30994
Macq, B. *see* Desneux, P. 30059
Macq, B. *see* Hoffmann, A. 46230
Macq, B. *see* Simon, B. 5133
Macq, B. *see* Simon, B. 13551
McQuaid, J. Electronic measurement techniques for complex communications networks 45396
McQuain, W.D., Ribbens, C.J., Watson, L.T., Melville, R.C. Preconditioned iterative methods for sparse linear algebra problems arising in circuit simulation 41573
Macqueen, J.F. *see* Esp, D.G. 16254
McQueen, W.R. Material facilitates connector assembly process 27348
McQuillan, P. *see* Barry, S. 14090
McQuillan, S.E. *see* Woods, R.F. 18786
McQuoid, M.R.J. Neural ensembles: simultaneous recognition of multiple 2-D visual objects 4867
McRae, E. Avoiding microcontroller processing pile-ups [wheelchair] 7486
Macrander, A.T. *see* Rogers, C.S. 7306
Macrez, J. Training simulator within EDF 47367
Macri, J. *see* Schonfelder, V. 7146
McRobbie, D.W. Radio frequency eddy current losses for an annular conductor in MRI: Theory and applications 15767
McRobbie, D.W. A re-evaluation of magnetic resonance imaging damping loops 15779
McRobbie, D.W., Nieto-Camero, J.J. Measurement of image intensifier system modulation transfer function by video signal analysis 38984
McRobbie, G. *see* Harvey, T.G. 43453
McRoberts, A.M. *see* Miller, L.S. 44117
McRory, J.G., Johnson, R. Volterra kernel estimation for mildly nonlinear amplifiers 9972
McShan, D.L., Matrone, G., Fraass, B.A., Lichter, A.S. A large screen digitizer system for radiation therapy treatment planning 7464
McShane, M. *see* Joiner, B. 380
McShane, S.J. *see* Feder, D.O. 40418
McSharry, C. *see* De La Rue, R.M. 46519
McShea, M. *see* Godwin, P.A. 5517
McShurley, D. *see* Abe, K. 15619
McSparran, L.W. Considerations in the specification of AC propulsion equipment for passenger vehicles 48382
Mactaggart, I.R., Bendett, M., Taylor, S.S. A complete 400-Mb/s burst-mode data OEIC receiver 14636
Mactaggart, R. *see* Peczalski, A. 39227
McTigue, M.T., Byrne, P.J. An 8-gigasample-per-second, 8-bit data acquisition system for a sampling digital oscilloscope 38413
Macucci, M., Pellegrini, B. On noise suppression in double-barrier devices and in quantum point contacts 19921
Macucci, M. *see* Pellegrini, B. 19363
Macukow, B. *see* Mandziuk, J. 11721
McVay, R. *see* Upton, M. 27003
McVeigh, A., Harrington, J. Acoustic, articulatory, and perceptual studies using the mu+ system for speech database analysis 13053
McVeigh, A. *see* Fletcher, J. 4547
McVeigh, A. *see* Fletcher, J. 29512
McVeigh, A. *see* Harrington, J. 4529
McVey, B. *see* Joe, J. 34479
McVey, E.S. *see* Dempsey, G.L. 18927
McVey, E.S. *see* Dempsey, G.L. 22291
McVitie, S. *see* te Lintelo, J.G.Th. 43251
McVittie, J.P. *see* Chang, C.Y. 2184
McVittie, J.P. *see* Fang, S. 10908
McVittie, J.P. *see* Fang, S. 34788
McVittie, J.P. *see* King, T.-J. 42451
McVittie, J.P. *see* Shigemi Murakawa 42684
McVittie, R. *see* Gillies, B.A. 15905
McWhirter, J.G., Proudler, I.K. Algorithmic engineering: a worked example 13386
McWhirter, J.G. *see* Proudler, I.K. 36707
McWhirter, J.G. *see* Shepherd, T.J. 36738
McWhirter, J.G. *see* Timmoneri, L. 46088
McWhorter, F.I., Tague, J.A. High speed implementation of certain adaptive filters: a novel Toeplitz matrix decomposition approach 13166
McWhorter, S.W. *see* Doll, T.J. 16106
McWilliams, G.J. *see* White, S.W. 10196
McWilliams, H. Utilization of Monte Carlo and worst-case computer simulation methods for evaluation of electronic circuit designs 965
MacWilliams, K.P. *see* Nayak, D.K. 19839
Macy, S.C. *see* Tessler, A. 26385
Madachi, T. *see* Suhara, Y. 1325
Madadi, H. *see* Ahrabian, Q. 40567
Madam, A. *see* Schiff, E.A. *(editor)* 17746
Madan, A. *see* Demichelis, F. 27495
Madan, A. *see* Demichelis, F. 28604
Madan, K.C. An M/G/1 queueing system with additional optional service and no waiting capacity 33467
Madan, M.S. *see* Bramorski, R. 181
Madan, N. *see* Mathur, P. 23076
Madan, R.N. Observing and learning chaotic phenomena from Chua's circuit 9930
Madan, S. Network of energy-economy-development model for planning and execution 25115
Madan, V.P. Distortion-free transmission of voltage waves in inhomogeneous media 44496
Madangarli, V.P. *see* Gradinaru, G. 2721
Madangarli, V.P. *see* Gradinaru, G. 28626
Madani, K. An analogue test technique for massively parallel integrated circuits and systems: an approach to neural networks circuits testing 34201
Madani, K., Aghvami, H. DCCA: a distributed control channel allocation scheme for microcellular radio communication networks 22897
Madani, M. *see* Harbi, A. 25250
Madani, M.R., Ajmera, P.K. Characterization of silicon oxide films grown at room temperature by point-to-plane corona discharge 2104
Madani, M.R. *see* Kidambi, M.R. 43077
Madanmohan, M.S. *see* Satyamurthy, P. 25749
Madar, R. *see* Boutarek, N. 19413
Madar, R. *see* Pons, M. 18250
Madar, R. *see* Rouch, H. 9727
Maddalon-Vinante, C., Barbier, D., Erramli, H., Blondiaux, G. Charged particle activation analysis study of the oxygen outdiffusion from Czochralski-grown silicon during classical and rapid thermal annealing in various gas ambient 19487
Madden, G., Bloch, H., Hensher, D. Australian telephone network subscription and calling demands: evidence from a stated-preference experiment 14067
Madden, L. *see* Slager, J. 28279
Madden, M. *see* Dabrowski, A.J. 24069
Madden, M. *see* Gramsch, E. 23998
Madden, N., Landis, D., Adachi, R., Pehl, R., Abott, R., Stogsdill, E. A sparse architecture low power gated integrator for use with germanium gamma-ray spectrometers in remote geochemistry measurements 38943
Madden, N. *see* Pfafman, T.E. 20123
Madden, N.W. *see* Rossington, C.S. 7186
Maddocks, M.C.D. Digital audio broadcasting (DAB)—radio for tomorrow 46178
Maddox, D.R. Computing on-the-go with a wireless LAN 37463
Maddox, R. *see* Batra, S. 18720
Maddox, R.L., Mathews, V.K., Fazan, P.C. Physical and electrical characterization of poly buffered LOCOS isolation process for sub 0.5 μm ULSI technology 19987
Maddox, R.L. *see* Mathews, V.K. 19575
Maddox, S.R. *see* Alarie, J.P. 6681
Maddux, J.R. *see* Dumin, D.J. 19447
Madej, A.A. *see* Schnier, D. 35790
Madej, A.A. *see* Siemsen, K.J. 23384
Madej, C. *see* Brenier, A. 28797
Madeka, F.C. *see* Davis, G.W. 25891
Madel, O. *see* Stupp, H. 1828
Madeline, F. *see* Rossa, E. 15363
Mader, D.L., Peralta, S.B., Sherar, M.D. A model for characterizing residential ground current and magnetic field fluctuations [childhood leukaemia risk] 39114
Mader, M. *see* Rossek, U. 723
Mader, T., Bundy, S., Popovic, Z.B. Quasi-optical VCOs 34253
Mader, T., Schoenberg, J., Harmon, L., Popovic, Z.B. Planar MESFET transmission wave amplifier 1621
Mader, T. *see* Bruns, H.-D. 36102
Maderlechner, G. *see* Eckhardt, U. 45199
Madery, C. *see* Cornu, J.P. 48337
Madey, J.M.J. *see* Barnett, G.A. 28892
Madey, J.M.J. *see* Wu, Y. 46719
Madhappan, M. *see* Arunachalam, S.A. 25323
Madhavan, N. *see* Sinha, A.K. 24117
Madhavan, N. *see* Sinha, A.K. 31800
Madhavan, R. *see* Dumlugol, D. 975
Madhavan, R. *see* Jagannathan, S. 29890
Madhavi, D. *see* Sudhakar, A. 35002
Madhu Kumar, K. *see* Keshava Murthy, V. 45710
Madhu Rao, B., Ramakrishnan, S. Models for performance evaluation of a local area network with a file server 30402
Madhukar, A. *see* Chen, W. 10877
Madhukar, A. *see* Hu, K. 3201
Madhukar, A. *see* Kapre, R.M. 3385
Madhukar, B., Murthy, I.S.N. ECG data compression by modeling 15888
Madhuri, S. *see* Svejda, F.J. 18694
Madigou, V. *see* Henry, F. 9760
Madihian, M. A wide dynamic-range phase detector for advanced communication systems application 26756
Madill, D.H. *see* Si-Ming Pan 37938
Madisetti, V. *see* Buchanan, B. 18906
Madjar, A., Musia, M. Design and performance of a $\times 4$ millimeter wave subharmonic mixer 27208
Madjar, A., Paolella, A., Herczfeld, P.R. The MESFET as an optically activated microwave switch—theory and experiment 1530
Madjar, A., Paolella, A., Herczfeld, P.R. Modeling the optical switching of MESFET's considering the external and internal photovoltaic effects 34250
Madok, J.H., Haegel, N.M. Indium-carbon coimplantation in GaAs 2046
Madokoro, S. *see* Onoda, H. 10987
Madonna, R.G., Scheno, P.J., Vilardi, G.H., Hom, C., Scannepieco, J. Scattering, resonance, creeping wave, traveling wave and all that: UWB measurements of various targets 46082
Madonna, R.G. *see* Loubriel, G.M. 28622
Madouri, A. *see* Chen, Y. 28031
Madrakhimov, Kh.O. *see* Mirsagatov, Sh.A. 25685
Madrangeas, V. *see* Thetiot, D. 27290
Madrangeas, V. *see* Verdeyme, S. 27193
Madrenas, J., Cabestany, J. Primary beam address error reduction in E-beam testing of packaged integrated circuits 43103
Madrid, A.P.de *see* de Madrid, A.P.
Madrid, J.J.Martinez *see* Martinez Madrid, J.J.
Madrid, P.E. *see* Millar, B. 10124
Madsen, E.L., Zagzebski, J.A., Medina, I.R., Frank, G.R. Performance testing of transrectal US scanners 47064
Madsen, E.L. *see* Chen, J.-F. 15703
Madsen, H. *see* Palsson, O.P. 32646
Madsen, J.H.B. *see* Bossart, R. 7139
Madsen, J.H.B. *see* Delahaye, J.P. 38809
Madsen, J.P. *see* Fink, F.K. 13125
Madsen, J.S., Jardine, A.P., Meilunas, R.J., Tobin, A., Pak, Y.E. Effect of coating characteristics on strain transfer in embedded fiber-optic sensors 20318
Madsen, J.S. *see* Jardine, A.P. 3070
Madsen, K.Halskov *see* Halskov Madsen, K.

Madsen, S., Toft, H., Bozhevolnyi, S. Fiber optic current sensor—utilizing two-way propagation in twisted fibers 15056
Madu, C.N. On the total productivity management of a maintenance float system through AHP applications 40877
Madu, C.N. *see* Chu-Hua Kuei 17786
Maeda, A. The advanced test system architecture provides fast and accurate test for a high resolution ADC 6312
Maeda, C., Bershad, B.N. Protocol service decomposition for high-performance networking 22354
Maeda, C., Bershad, B.N. Networking performance for microkernels 22648
Maeda, E., Ishii, K., Takahashi, Y. Robust object detection under various environmental conditions 13489
Maeda, F. *see* Muramatsu, Y. 46714
Maeda, F. *see* Scimeca, T. 2144
Maeda, F. *see* Watanabe, Y. 9624
Maeda, F. *see* Watanabe, Y. 41315
Maeda, H., Kitagawa, T., Kodama, S. Identification of impulse responses by wavelet transform 21856
Maeda, H., Yokota, M., Yasumoto, K. Numerical analysis of nonlinear directional coupler by orthogonal collocation method 3890
Maeda, H. *see* Choi, H. 18618
Maeda, H. *see* Fujino, T. 27955
Maeda, H. *see* Koyanagi, T. 38971
Maeda, I. *see* Hoizumi, S. 25237
Maeda, K., Koyanagi, H., Jinnai, T. Subthreshold characteristics and interface state density of a-Si:H TFT 28146
Maeda, K. *see* Asano, A. 47530
Maeda, K. *see* Fisher, S.M. 10926
Maeda, K. *see* Kano, Y. 44266
Maeda, K. *see* Masuda, M. 28387
Maeda, K. *see* Miyake, M. 9026
Maeda, M. Low-dielectric-constant interlayer insulation for multilevel metallization 11388
Maeda, M., Fujisawa, S., Oyamada, K., Murakami, K. Demand access optical fiber CATV system and its future 46229
Maeda, M., Nishijima, M., Takehara, H., Fujimoto, H., Adachi, C., Ishikawa, O. 3.5 V, 1.3 W GaAs power multi-chip IC for cellular phones 37730
Maeda, M., Ota, Y., Ishikawa, O. Optimum design of low-voltage and high-efficiency GaAs power module 19076
Maeda, M., Oyamada, K., Ishikawa, T., Fujisawa, S. FM-FDM optical CATV system employing demand access technology 46239
Maeda, M. *see* Funayama, M. 3521
Maeda, M. *see* Hirakawa, Y. 35978
Maeda, M. *see* Kawakami, T. 23842
Maeda, M. *see* Suehiro, M. 12202
Maeda, M. *see* Uchiumi, M. 24491
Maeda, M. *see* Yamauchi, K. 44415
Maeda, N. *see* Yamazaki, H. 8978
Maeda, S., Aoki, T., Higuchi, T. Toward multiwave optoelectronics for 3D parallel computing 28572
Maeda, S., Kashiwa, T., Fukai, I. Time-domain analysis of electromagnetic coupling of three-dimensional circuits involving through holes 19193
Maeda, S., Sasaki, E., Ushirokawa, A., Koizumi, Y. Advanced SDH radio systems for transport of STM-1 14424
Maeda, S. *see* Aoki, T. 20452
Maeda, S. *see* Haba, T. 7893
Maeda, S. *see* Katsuki, S. 36126
Maeda, T. Constraint qualifications in multiobjective optimization problems: differentiable case 41092
Maeda, T., Tsuchinaga, H., Ide, H., Saito, A., Toda, T., Kugiya, F., Ojima, M., Mita, S., Shigematsu, K. Read channel and format for high-density magneto-optical disk system 20424
maeda, T. *see* Abe, K. 43208
Maeda, T. *see* Ide, H. 20425
Maeda, T. *see* Inoi, T. 20107
Maeda, T. *see* Kuroyanagi, S. 5681
Maeda, T. *see* Miyamoto, H. 20434
Maeda, T. *see* Murota, J. 9650
Maeda, T. *see* Murota, J. 9651
Maeda, Y. Newly developed technologies for audio equipments; mini disc system 31079
Maeda, Y. Optical bistability in erbium-doped yttrium aluminum garnet crystal combined with a laser diode 35982
Maeda, Y., Harada, K., Shimatani, T., Miyai, K. A new subscriber metallic line supervising system for public telephone services 37640
Maeda, Y., Suzuki, H., Sakoh, T., Morita, K., Morita, M., Ohmi, T. High-selectivity and high-deposition rate tungsten CVD freed from chamber cleaning 33732
Maeda, Y. *see* Rogers, D.J. 35219
Maeda, Y. *see* Shimakura, Y. 24863
Maeda, Y. *see* Suzuki, H. 42759
Maeda, Y. *see* Tsukada, Y. 348
Maeder, A.J. *see* Lim, P.N. 13675
Maeder, T. *see* Sreenivas, K. 19673
Maehara, K. High definition broadcast, production systems prompt changes in digital VTRs 38351
Maehara, K. *see* Fujita, S. 41336
Maehara, K. *see* Sanada, M. 43106
Maehata, K., Arima, H., Hirose, T., Shichida, N., Wakuta, Y., Tanifuji, M. Polarized ion source for low energy nuclear fusion research 31624
Maehle, E. *see* Herkersdorf, A. 45375
Maejima, T. *see* Inagawa, J. 45248
Maejima, Y., Awaji, N. Improvement of dose uniformity in large exposure field for synchrotron radiation lithography 19691
Maejima, Y., Awaji, N. New exposure method for SR lithography: combination of scanning mirror and electron beam wobbling 28022
Maejima, Y. *see* Nagata, H. 27885
Maejima, Y. *see* Oizumi, H. 27855
Maekawa, H. *see* Inujima, H. 25597
Maekawa, H. *see* Iwasaki, T. 42555
Maekawa, H. *see* Kaneko, Y. 20762
Maekawa, H. *see* Kawagoe, E. 32980
Maekawa, T., Yamagishi, Y., Inoue, S. Contactless measurement of carrier lifetime in silicon thick wafers 19328
Maekawa, T., Yasuda, K., Yokoyama, R., Mizukami, Y., Yokoyama, N. Multi-objective optimal operation of large scale power system based on fuzzy coordination technique 7824
Maekawa, T. *see* Anno, Y. 46529
Maekawa, T. *see* Tamura, T. 24296
Maekawa, Y., Chang, N.S., Miyazaki, A. Rain depolarization characteristics related to rainfall types on Ka-band satellite-to-ground path 30691
Maekawa, Y., Chang, N.S., Miyazaki, A. Ice depolarization characteristics on Ka-band satellite-to-ground path in stratus type rainfall events 44358
Maekawa, Y., Fukao, S., Sonoi, Y., Yoshino, F. Distribution of ice particles in wintertime thunderclouds detected by a C band dual polarization radar: a case study 7597
Maeland, E. On the evaluation of explicit 2-D extrapolation operators 21798
Maeland, O.A. *see* Benvenuti, A. 7252
Maemura, K., Yamamoto, K., Ishida, H. GaAs quadrature modulator ICs for mobile communications 37875
Maemura, K. *see* Saitoh, Y. 7254
Maemura, K. *see* Sato, F. 37876
Maemura, K. *see* Yamamoto, K. 10027
Maenaka, K. Design considerations of op-amp-based integrated sensors: magneto-operational amplifiers as an example 46344
Maenhoudt, M. *see* Wu, M.F. 10882
Maeno, H., Iwade, S., Kayano, S., Sakao, M. Embedded RAM test using flag-scan-register 26945
Maeno, H., Nii, K., Sakayanagi, S., Kato, S. LSSD compatible and concurrently testable RAM 1228
Maeno, K., Kosugi, S., Yamaguchi, N. Continuous and pulsed discharges in gas flow lasers 11978
Maeno, K. *see* Kosugi, S. 11986
Maeno, K. *see* Kosugi, S. 12016
Maeno, S. *see* Mizuno, M. 46699
Maeno, T. *see* Kawasaki, T. 46594
Maes, H. *see* Dierickx, B. 24001
Maes, H.E. *see* De Wolf, I. 2101
Maes, H.E. *see* de Wolf, I. 10903
Maes, H.E. *see* De Wolf, I. 34966
Maes, H.E. *see* Mertens, P.W. 784
Maes, H.E. *see* Van den bosch, G. 19453
Maes, H.E. *see* van den Bosch, G. 28137
Maes, H.E. *see* Van den bosch, G. 34964
Maes, H.E. *see* Van Houdt, J. 34060
Maes, H.E. *see* Wellekens, D. 34063
Maes, R. Intelligent networks: the management aspects 30550
Maes, S. Adaptive optimal decompositions with hybrid DCT-subband coding 12925
Maes, S. The H-point theorem applied in signal processing 13375
Maes, S. Hints on the relationships between subband coding, wavelet and vaguelette decompositions and cosine sine alterned transformations 21749
Maesaka, A., Bessho, K., Hashimoto, S. Sources of disk noise on a Co/Pt disk 2804
Maeshima, O., Uno, T., He, Y., Adachi, S. FDTD analysis of two-dimensional cavity-backed antenna for subsurface radar 23152
Maestri, R. *see* Pinna, G. 39057
Maestrini, R. *see* Costamagna, E. 37056
Maex, K. Materials aspects and implementation of silicides for ULSI 2643
Maex, K. Silicides for integrated circuits: $TiSi_2$ and $CoSi_2$ 19654
Maex, K., Lauwers, A., Van Hove, M., Vandervorst, W., Van Rossum, M. Formation of buried α- and β-$FeSi_2$ in (100) Si by high dose ion implantation 10879
Maex, K. *see* De Bosscher, W. 19633
Maex, K. *see* Lauwers, A. 19627
Maex, K. *see* Schreutelkamp, R.J. 18252
Maex, K. *see* Schreutelkamp, R.J. 19646
Maeyama, G. *see* Ohtani, K. 48458
Maeyama, K., Sekine, H. Recent trends in lighting equipment 8981
Maeyama, S. *see* Muramatsu, Y. 46714
Maeyama, S. *see* Sugiyama, M. 10911
Maezawa, K., Akeyoshi, T., Mizutani, T. Functions and applications of monostable-bistable transition logic elements (MOBILE's) having multiple-input terminals 41773
Maezawa, K. *see* Akeyoshi, T. 10052
Maezawa, K. *see* Akeyoshi, T. 41795
Maezono, I. The characteristics of volume ozonizer based on the positive streamer corona discharge 20039
Maffezzoni, P. *see* D'Amore, D. 41620
Maffioli, F. *see* Fischetti, M. 18023
Maftoul, J. *see* Barrault, M. 32506
Maga, D. *see* Wagner, J. 40245
Maga, D. *see* Wagner, J. 47899
Maga, D. *see* Wagner, J. 47918
Magaev, L.G. *see* Kravchenko, A.A. 1773
Magana, A. *see* Chiu, P.H. 20701
Magara, T., Tanaka, M. Advanced technology for wire-cut EDMs [electric discharge machines] 25970
Magara, T., Yamada, H., Sato, S., Yatomi, T., Kobayashi, K. Improvement of surface quality by non-electrolysis wire-EDM 17630
Magara, T. *see* Yatomi, T. 25960
Magaragan, R. *see* Swanstrom, J. 38400
Magari, K. *see* Schnabel, R. 38076
Magari, K. *see* Schnabel, R. 38128
Magari, U. *see* Hirabayashi, J. 39352
Magarshack, J. A new digital phase shifter architecture suitable for MMIC's 34275
Magda, E. *see* Bochkov, A. 20642
Magda, E.P. Analysis of experimental and theoretical research of nuclear-pumped lasers at the Institute of Technical Physics 20640
Magda, I.I. *see* Zaitsev, B.D. 14982
Magdolen, J. Technical aspects of electrical neurosimulation 39083
Mage, J.C., Marchilhac, B., Mercandalli, M., Lemaitre, Y., Dessertenne, B., Mansart, D., Castera, J.P., Hartemann, P. Application of high T_c superconductors to microwave 27137
Magedanz, T., Eckardt, T., Aronsheim-Grotsch, J. Managing intelligent networks the TMN way: IN service versus network management 37286
Magedanz, T. *see* Eckardt, T. 14298
Magee, C. *see* Kinosky, D. 33699
Magee, C. *see* Macaulay, J.M. 2029
Magee, M., Weniger, R., Franke, E. Isolation of three-dimensional features of known height using a light-striped stereoscopic system 5048
Magel, G.A. *see* Boysel, R.M. 3146
Magel, L. *see* Yan, J. 34781
Magel, L.K. *see* Cho, C.-C. 9609
Magele, C. *see* Biro, O. 3980
Magenes, G. *see* De Rossi, D. 14975
Magerl, A. *see* Liss, K.-D. 7292
Magerl, G. *see* Siemsen, K.J. 23384
Magerle, R. *see* Pfeiffer, W. 42419
Maggetto, G. International development programs for electric vehicles 40607
Maggetto, G., Van den Bossche, P., Kahlen, H. EDS ('advanced electric drive systems for buses, vans and passenger cars to reduce pollution'); an important step towards new European developments 48198
Maggetto, G. *see* Kahlen, H. 48407
Maggetto, G. *see* Liccardo, M. 48404
Maggetto, G. *see* Van den Bossche, P. 48423
Maggetto, G. *see* Van Muylem, H. 48288
Maggi, S. *see* Lacquaniti, V. 7187
Maggi, W., Polese, P. Integrated broadband communications development and implementation strategies 5608
Maggio, G. *see* Alderucci, V. 40461
Maggiora, R. *see* Di Fabrizio, E. 27925
Maggiora, R. *see* Gentili, M. 27982
Maggiora, R. *see* Luciani, L. 27926
Maggiore, A. *see* Dalpiaz, G. 9241
Maggiore, C.J., Clogston, A.M., Spalek, G., Sailor, W.C., Mueller, F.M. Low-loss microwave cavity using layered-dielectric materials 38662
Maggo, G. *see* Dan, S. 4287
Maghakian, A. *see* Cushman, P. 24012
Maghon, H., Becker, B., Schulenberg, T., Termuehlen, H., Kraemer, H. The advanced V84.3 gas turbine 32741
Maghoo, M. A wavelength encoded rotary displacement fibre sensor 38547
Magi, E.C. Passive homodyne demodulation technique for remote interferometric sensor using 2×2 couplers 38536
Magill, D.T. A fully-integrated, digital, direct sequence, spread spectrum modem ASIC 37650
Magill, J.V. *see* De La Rue, R.M. 46519
Magill, P. *see* Morris, J.E. 3370
Magill, P.A., Powell, J.J. Extending applications of automatic optical inspection [to MCM-D substrates] 17948
Magill, P.D. *see* Reichmann, K.C. 22714
Magill, R.B. *see* Mills, J.D. 36606
Magis, M. *see* Stroh, R.J. 34952
Magistrali, F. *see* Bastida, E.M. 27286
Magistrali, F. *see* Tedesco, C. 2571
Magistrali, F. *see* Tesauri, M. 3595
Magistris, M.De *see* De Magistris, M.
Magjarevic, R. Electric field calculation of oesophageal leads 15919
Magjarevic, R. *see* Ivancic, M. 38412
Maglaveras, N. *see* Stamkopoulos, T. 24311
Maglic, S.R. *see* Rippert, E.D. 23603
Magliocco, L.G. *see* Kamenetzky, E.A. 28579
Maglione, A. *see* Lui, A. 24030

Maglitskiy, B.N. *see* Zhuravskiy, O.G. 29701
Magnabal, M. *see* Goldstein, L. 18141
Magnanelli, L. *see* Dambra, C. 13784
Magnani, F. *see* Fermo, R. 16311
Magnani, L. The Arecibo 5 GHz Mini-Gregorian Feed System: spectral line performance 38200
Magnani, P.L. *see* Umberto Minoni 36092
Magnanini, L. *see* Macii, E. 10082
Magnaudeix, S. *see* Ait Amer, S. 9729
Magnea, N. *see* Bassani, F. 10848
Magnea, N. *see* Haas, H. 11687
Magnea, N. *see* Rossner, U. 41376
Magnella, C. *see* Gelatos, C.M. 2111
Magnella, C. *see* George, M. 34653
Magnetti, G. *see* Morasca, S. 11627
Magni, V., Cerullo, G., De Silvestri, S., Svelto, O., Qian, L.J., Danailov, M. Intracavity frequency doubling of a cw high-power TEM_{00} Nd:YLF laser 21085
Magni, V. *see* Cerullo, G. 3575
Magni, V. *see* Cerullo, G. 35759
Magnier, J. *see* Achvar, D. 13547
Magnin, I. *see* Dautraix, I. 7414
Magnin, I.E. *see* Renaudin, C. 15772
Magnisalis, X. *see* Kotropoulos, C. 39016
Magnuson, B. *see* Johansson, L. 25492
Magnuson, C.J. *see* Johnson, D.L. 38599
Magnusson, R., Wang, X., Hafiz, A., Black, T.D., Tello, L.N., Haji-Shelkh, A., Konecni, S., Wilson, D.R. Experiments with photorefractive crystals for holographic interferometry 44164
Magnusson, U. *see* Simoen, E. 19817
Magnusson, U. *see* Simoen, E. 19861
Magoi, T. *see* Shimizu, T. 19167
Magos, A. Singular frequencies in wave guides with inhomogeneous dielectric 36325
Magoshi, S. *see* Hattori, K. 27910
Magotra, N., McCoy, J.W., Tan, L., Jiang, J. An integrated real time seismic signal processor 32059
Magotra, N., Stewart, J., Bricker, K., Weaver, R. Development of a digital audiologists toolbox 31980
Magowan, P., Muller, M. DSP operations extend RISC architecture 41926
Magrab, E.B. *see* Chang, T.-S. 1706
Magrini, S. *see* Galeotti, G. 8901
Magruder, R.H., III *see* Haglund, R.F., Jr. 21065
Maguer, A. Detection of deterministic transient signals 13449
Maguire, G.Q. *see* Brown, L.G. 31832
Maguire, G.Q., Jr. *see* Ioannidis, J. 22553
Maguire, J. MC88110: datapath 41974
Maguire, M.A. *see* Urbanic, V.F. 8080
Maguire, M.G. *see* Carter, T.J. 8087
Maguire, P. *see* Liu, J.S. 41406
Maguire, T.L., Gole, A.M. Apparatus for supplying an isolated DC load from a variable-speed self-excited induction generator 25428
Magunov, A.N., Gasilov, A.Yu. Interference temperature transducer with fiber-optic communication line 6513
Magura, I.J. *see* Gieras, J.F. 17540
Magura, I.J. *see* Gieras, J.F. 40629
Magyar, G., O'Rourke, J. Depolarization of far infrared laser beams in inconel and alumina waveguides 11646
Magyar, P. *see* Grabiner, D.J. 465
Mah, B.A. *see* Keeton, K. 22566
Mah, G.R., Salpini, D.P. The AGRHYMET data communications project 37923
Mahabala, H.N., Kurup, R.R. Power system network fault diagnosis—a model-based approach 16454
Mahadasa, V., Malleswara Rao, T.C., Prakasa Rao, B.S., Sagar, B.S.D. Texture characterization: morphological approach 5004
Mahadeo, R.R. *see* Danson, C.N. 3569
Mahadev, P.M., Christie, R.D. Envisioning power system data: concepts and a prototype system state representation 24708
Mahadevan, K., Mittra, R. Radar cross section computation of inhomogeneous scatterers using edge-based finite element methods in frequency and time domains 23115
Mahadevan, S., Mitchell, T.M., Mostow, J., Steinberg, L., Tadepalli, P.V. An apprentice-based approach to knowledge acquisition 1121
Mahafza, B.R., Griffin, J.R., Audeh, N.F. High resolution MMW seeker fuse processing 47321
Mahafza, B.R., Knight, D.L., Audeh, N.F. Three-dimensional SAR imaging technique for MMW seekers 46069
Mahafza, B.R. *see* Gracchi, V.C. 46053
Mahagaokar, U., Hauser, N. Gasification of petroleum coke in the shell coal gasification process 8214
Mahajan, A. *see* Adesida, I. 2185
Mahajan, A. *see* Kinosky, D. 33699
Mahajan, A. *see* Kinosky, D. 34737
Mahajan, A. *see* Kinosky, D.S. 10962
Mahajan, A. *see* Qian, R.Z. 9587
Mahajan, R.L. *see* Tong, J.J. 34445
Mahajan, S. *see* Ehsani, M. 40134
Mahajan, S.M., Sudarshan, T.S. Measurement of the space charge field in transformer oil using its Kerr effect 43215
Mahajerin, E., Burgess, G. An algorithm for computing derivatives of any order of a complex or real function 9468
Mahalakshmi, V. *see* Thyagarajan, K. 21077
Mahalanobis, A., Song, S., Mitra, S.K., Petraglia, M.R. Adaptive FIR filters based on structural subband decomposition for system identification problems 10300
Mahalanobis, A. *see* Richards, S. 30112
Mahalingam, K. *see* Chang, C.L. 34676
Mahalingam, K. *see* Melloch, M.R. 19516
Mahalingam, M. *see* Chambers, B. 313
Mahalingam, M. *see* Chambers, B. 9250
Mahalingam, M. *see* Huang, W. 17868
Mahalingam, M. *see* Shrivastava, U.A. 19275
Mahalingam, T. *see* Sanjeeviraja, C. 26473
Mahalonobis, A. *see* Mitra, S.K. 10299
Mahamat, G., Das, A., Bochmann, G.V. An overview of fault management in telecommunication networks 14037
Mahaney, H.V. Thermal modeling of the infrared reflow process for solder ball connect (SBC) 34387
Mahany, R. *see* Wise, L. 2385
Mahapatra, P.K., Dubey, A.R. Photoelectrochemical behaviour of mixed polycrystalline n-type CdS-CdSe electrodes 32987
Mahbobzadeh, A. *see* Sze, T. 20830
Mahendra, V. *see* Lakhani, G. 18600
Maher, A.G., King, R.W., Song, J.M. Adaptive noise reduction techniques for speech recognition in telecommunications environments 12997
Maher, D.M., Bojun Zhang Characterization of structure/dopant behaviour by electron microscopy 42620
Maher, D.M. *see* Grider, D.T. 2039
Maher, D.M. *see* Johnson, F.S. 19582
Maher, D.M. *see* Liu, H.X. 34739
Maher, D.M. *see* Schneider, T.P. 34735
Maher, D.M. *see* Turner, W.A. 10656
Maher, D.M. *see* Xu, X. 835
Maher, D.M. *see* Xu, X.-L. 9724
Maher, D.M. *see* Yasuda, Y.Ma. 19456
Maher, D.M. *see* Zhang, B. 2064
Maher, D.P. *see* Hall, S.R. 37840
Maher, K.P. Comparison of scatter measurement techniques in digital fluoroscopy 31876
Maher, M.H., Shahriari, M.R. A fiber optic chemical sensor for measurement of groundwater pH 6526
Mahesh Chander *see* Sudershan Kumar 33422
Maheshwari, A., Ngo, K.D.T. Synthesis of six-step pulsewidth-modulated waveforms with selective harmonic elimination 33883
Maheshwari, K.P. *see* Choyal, Y. 34483
Maheshwari, K.P. *see* Sawhney, R. 34480
Maheshwari, K.P. *see* Sawhney, R. 42374
Maheshwari, P. *see* Hungenahally, S.K. 13755
Maheshwari, V. *see* Brinthaupt, D. 30972
Mahfouz, A., Holtz, J., El-Tobshy, A. Development of an integrated high voltage 3-level converter-inverter system with sinusoidal input-output for feeding 3-phase induction motors 8431
Mahieux, Y., Petit, J.P., Le Guyader, A. Preecho reduction by optimum filtering 23359
Mahil, K.S. *see* Buhay, S. 16562
Mahil, K.S. *see* Tokarz, A.J. 16597
Mahil, S.S. *see* Gopalan, K. 21655
Mahle, C. High end microwave technologies in global communications 5830
Mahle, C. High end microwave technologies in global communications 22979
Mahlers, Y.P. Core loading pattern optimization for pressurized water reactors 39858
Mahlich, G. *see* Preissner, J. 1264
Mahmod, J.R. *see* Alsheraidah, A.S. 47887
Mahmood, A. VOHL: a VLSI object-oriented hardware language 18422
Mahmood, A., Baker, W.I., Herath, J., Jayasumana, A. A logic simulation engine based on a modified data flow architecture 26873
Mahmood, A. *see* Khan, H.U. 13482
Mahmood, F. *see* Warris, J. 27796
Mahmood, M., Kingsley, C., Sharma, B., Ginetti, A. Datapath synthesis using Verilog 969
Mahmood, M. *see* Loos, J. 19941
Mahmood, M. *see* Sharma, B. 33847
Mahmood, S. *see* Khan, O.S. 23553
Mahmoud, I.I., Awashima, T., Asakura, K., Ohtsuki, T. Placement, routing, and compaction algorithms for analog circuits 943
Mahmoud, M. *see* Otung, I.E. 4106
Mahmoud, M. *see* Otung, I.E. 21256
Mahmoud, M.S. *see* Ahmed, B. 22961
Mahmoud, S.A. *see* LeBlanc, W.P. 44756
Mahmoud, S.A. *see* Zein El Din, A.S. 8659
Mahmoud, S.F. Mode characteristics in chirowaveguides with dielectric lining 4232
Mahmoud, S.F. Mode analysis in chirowaveguides with dielectric lining 4243
Mahmoud, S.F., Kharbat, A.M. Transmission characteristics of a coaxial optical fiber line 43398
Mahmud, R. *see* Hsia, P.-W. 24328
Mahmud, S.M. Models of asynchronous packet-switched multiple and partial multiple bus systems 37454
Mahmutcehajic, R., Babic, S., Garcanovic, R., Carsimamovic, S. Digital simulation of electromagnetic wave propagation in a multiconductor transmission system using the superposition principle and Hartley transform 24598
Mahn, T.G. EMC gateway to European sales 4150
Mahnkopf, R. *see* Felder, A. 10250
Mahon, C.J. *see* Barron, C.C. 28510
Mahon, C.J. *see* Kuchta, D.M. 43938
Mahon, J. *see* Gunning, J. 40956
Mahon, S.J., Chivers, M.J., Skellern, D.J. Simulations of HEMT DC drain current and 1 to 50 GHz *S*-parameters as a function of gate bias 19037
Mahoney, C. *see* Li-Jen Cheng 24470
Mahoney, D. *see* Eskildsen, L. 12066
Mahoney, D.D. *see* Bagheri, M. 5909
Mahoney, D.T., Greenberg, H.R. Uncertainty analysis in thermal performance monitoring 32578
Mahoney, G.E. *see* Fullowan, T.R. 10899
Mahoney, M. *see* Abbott, B. 31776
Mahoney, M.V. *see* Woods, G.S. 15180
Mahoney, P.F., Mack, C.A. Cost analysis of lithographic characterization: an overview 2371
Mahoney, T.W. Defence use of the OPTUS-B L-band payload 47314
Mahoney, W.A. Shallow pocket mechanically interlocking tapes for odd form surface mount automation 34406
Mahony, J.D. Approximate cross-polar characteristics for microstrip patch antennas 21383
Mahr, B. *see* Lutzeback, D. 37514
Mahrer, K.D., Zook, B.J. A field test of an electrodeless arc discharge, borehole seismic source 47228
Mahrous, S. *see* Badr, M.A.L. 8317
Mahulikar, D. *see* Bowman, P. 396
Mahut, B. *see* Antoine, C.Z. 11526
Mai, C. *see* Othmani, A. 632
Mai, F. *see* Frank, H.-P. 42626
Mai, Z.H. *see* Chai, W.P. 41284
Mai, Z.H. *see* Chai, W.P. 41358
Mai Xu *see* Xu Mai
Mai Zhenhong *see* Zhenhong Mai
Mai Zhihong *see* Zhihong Mai
Maia, G., Ticianelli, E.A., Gonzalez, E.R. A modelling approach to the optimization of lead-acid battery electrodes 8742
Maia Neto, P.A. Enhanced sideband generation in the scattering by moving mirrors 29136
Maiberg, P. *see* Blacha, N. 17037
Maidment, A.D.A., Fahrig, R., Yaffe, M.J. Dynamic range requirements in digital mammography 31865
Maier, E.L. *see* Adishian, G.C. 42602
Maier, F. *see* Kehl, W. 37349
Maier, G.V. *see* Kopylova, T.N. 3468
Maier, H.J. *see* Stephan, K.-H. 11808
Maier, J. *see* Bues, D. 9209
Maier, J.K. *see* Hardy, C.J. 7372
Maier, M., Robertson, M., Vander Molen, A., Westfall, G.D. A CAMAC based fast decision module 31783
Maier, M. *see* Alvarez, A.L. 42627
Maier, M. *see* Hirtz, G. 6228
Maier, M. *see* Ralston, J.D. 12243
Maier, M.R., Perera, P.A.A., Robertson, M., Wolfs, F.L.H. The sixteen-channel APEX constant fraction discriminator 31781
Maier, M.R. *see* Friese, J. 7193
Maier, M.R. *see* Friese, J. 7274
Maier, R., Pfister, U. The COSY-Julich Project March 1992 status 15364
Maier, R. *see* Biri, J. 46996
Maier, R. *see* Brittner, P. 7066
Maier, R. *see* Derissen, W. 7065
Maier, R. *see* Dietrich, J. 7097
Maier, R. *see* Kilian, K. 23956
Maier, R. *see* Linz, U. 7471
Maier, T.O. *see* Donovan, W.J. 36953
Maihack, A. Pulling and installing fiberoptic cable 38000
Mailaender, L. *see* Iltis, R.A. 22328
Maile, B.E. Fabrication limits of nanometer T and Γ gates: theory and experiment 27929
Maile, B.E. *see* Kosslowski, S. 19144
Maile, B.E. *see* Meiners, U. 43017
Mailhot, R. *see* Marceau, R.J. 24852
Mailhot, S., McCarthy, N. Influence of phase conjugate optical feedback on the emission properties of visible low-power diode lasers 20819
Mailis, S., Vainos, N.A. Photorefractive adaptive transmission system: all optical signal modulation and amplified phase conjugation 12402
Mailis, S., Vainos, N.A. Multiplexed static and dynamic photorefraction at 780 nm in $Bi_{12}SiO_{20}$ 12482
Mailis, S., Vainos, N.A. Photorefractive adaptive transmission system 21000
Maillard, E., Zerr, B., Merckle, J. Classification of texture by an association between a perceptron and a self-organizing feature map 21993
Maillot, D. The use of the security domain and policy concepts in service management 37305
Maillot, P. *see* Combemale, Y. 5912
Mailloux, R.J. Phased array antenna handbook 26072
Mailloux, R.J. *see* Steyskal, H. 29375
Mailly, D. *see* Ladieu, F. 1901
Maimon, S., Schacham, S.E. Analysis of transients in semiconductor/semi-insulator junctions 34565

Maimon, S. *see* Fraenkel, A. 46443
Main, C., Bruggemann, R., Webb, D.P., Reynolds, S. Time and frequency domain studies of photoconductivity in amorphous semiconductors 35561
Main, C. *see* Bruggemann, R. 28091
Main, P.C. *see* Beton, P.H. 34904
Main, P.C. *see* Sakai, J.W. 42850
Main, P.T., Feuerstein, R.J., Heuring, V.P., Jordan, H.F., Feehrer, J.R., Love, C.E. Implementation of a general purpose stored program digital optical computer 28558
Main, T., Feuerstein, R.J., Jordan, H.F., Heuring, V.P., Feehrer, H., Love, C.E. Implementation of a general-purpose stored-program digital optical computer 43585
Main, W. *see* Lawson, W. 6872
Mainardi, L. *see* Cerutti, S. 24301
Maine, S. VSAT: the European dawn? 37965
Maingot, S., Baddour, R., Pereira-Ramos, J.P., Baffier, N., Willmann, P. A new iron V_2O_5 bronze as electrode material for rechargeable lithium batteries 8740
Maini, M. *see* Barabino, M. 32654
Mains, R.K. *see* Mohan, S. 10077
Mainsah, E., Stout, K.J., Sullivan, P.J. The effects of quantization on 3D topography characterization 31474
Mainsah, E., Wong, C.-M.G., Stout, K.J. Diameter measurement by laser at the submicron accuracy level 31418
Mainwaring, S.P. *see* Roberts, D.G. 16365
Mainz, D.L. *see* Le, T.T. 20011
Maio, A. *see* Amorim, A. 31688
Maio, A. *see* Benvenuti, A. 7252
Maio, I., Pignari, S., Canavero, F. Efficient transient analysis of nonlinearly loaded low-loss multiconductor interconnects 26664
Maio, I., Pignari, S., Canavero, F. Transmission lines characterization for the nonlinear transient analysis of distributed networks 44481
Maio, I. *see* Hui, R. 35809
Maire, J., Pouliquen, H. Desensitization of line commutated electronic converters: concept and validation 25033
Maire, J. *see* Puttgen, H.B. 8861
Mairhofer, M. *see* Deutsch, E. 8713
Maisch, D. *see* Bonifield, T. 34658
Maisenholder, F. *see* Chen, G. 29067
Maisheev, Y.A. *see* Asseev, A.A. 15403
Maison, B. *see* Cuvelier, L. 30994
Maison, B. *see* Delogne, P. 29949
Maison, S. *see* Kaczmarek, H. 33772
Maison-Blanche, P. *see* Fayn, J. 15884
Maissa, P. *see* Legros, D. 32648
Maissen, C. *see* Fach, A. 38555
Maistrenko, Yu. *see* Sharkovsky, A.N. 1006
Mait, J.N., van der Gracht, J., Sarama, S.D. Diffractive filter design for SLMs in pattern recognition systems 30119
Maiti, B., Hao, M.-Y., Lee, J.C. Incorporation of nitrogen into oxynitride dielectric through thermal nitridation of silicon 34757
Maiti, H.S., Chakraborty, A., Paria, M.K. Bi_2O_3 as a sintering aid for La(Sr)MnO_3 cathode material for SOFC 17266
Maitland, A. *see* Jones, D.R. 47991
Maiwald, D., Bohme, J.F. Estimation of seismic wave parameters by nonlinear regression 7579
Maiwald, D., Dalle Molle, J.W., Bohme, J.F. Model identification and validation of nonstationary seismic signals 4741
Maiwald, D., Dalle Mollet, J.W., Bohme, J.F. Parametric methods for nonstationary seismic data analysis 36731
Maiwald, D., Kraus, D., Bohme, J.F. Signal parameter estimation for seismic data 24476
Maiwald, D. *see* Abramovich, Yu.I. 36728
Maiwald, D. *see* Berruto, E. 45360
Maiwald, D. *see* Kraus, D. 13244
Maiwald, W.J. PCMCIA cards: JEIDA pins with free solder 40922
Maja, M. *see* Calasanzio, D. 17554
Majaron, B., Lukac, M., Rupnik, T. Pumping dynamics in Yb:Er:phosphate glasses 28752
Majd, M., Schuppert, B., Petermann, K. 90° S-bends in Ti:$LiNbO_3$ waveguides with low losses 3127
Majdabadi, A. *see* Hughes, D.W. 12056
Majdandzic, F. Functional dependence evaluation of various sorts of standstills on 10(20) kV overhead lines by linear correlation method 16289
Majdandzic, F. Distribution modelling for different types of interruptions on overhead (10)20 kV lines 24981
Majdandzich, N., Damjanovich, D. ASUR—automation management maintenance system 16579
Majerfeld, A. *see* Dickey, S.A. 2304
Majerfeld, A. *see* Lu, Z.H. 2452
Majerfeld, A. *see* Mao, E. 1888
Majewski, A., Faraj, M.M. Numerical analysis of nonlinear optical fibers using finite difference method 28464
Majewski, A., Faraj, M.M. Chebyshev power series solution of nonlinear fibers 29262
Majewski, J. *see* Ernst, J. 31659
Majewski, J.A., Matthiesen, D.H. Quantitative infrared imaging for the measurement of dopant distribution in gallium arsenide 42641
Majewski, L. *see* Berkan, W. 48470
Majewski, L. *see* Berkan, W. 48471
Majewski, L.A., Majewski, S., Zorn, C. Study of a flexible liquid light guide 31679
Majewski, M.J. *see* Peters, F.H. 35814
Majewski, M.L., Kemeny, P.C., Peters, M.G., Coldren, L.A. Vertical-cavity surface-emitting laser diodes coupled to optical fibres 35849
Majewski, M.L. *see* Young, D.B. 12194
Majewski, S. *see* Majewski, L.A. 31679
Majewski, S. *see* Muller, U. 46907
Majewski, S. *see* Weisenberger, A. 1815
Majewski, S. *see* Wojcik, R. 7244
Majewski, S. *see* Wojcik, R. 31687
Majewski, S. *see* Wojcik, R. 46866
Majidi-Ahy, R., Nishimoto, C., Bandy, S., Pao, Y.C. Triple-channel InP-based HEMT with highly nonlinear transconductance for nonlinear circuit applications 10453
Majima, A., Uekusa, S., Ootake, K., Abe, K., Kumagai, M. Optical direct and indirect excitation of Er^{3+} ions in silicon 10841
Majima, K. *see* Kaneko, Y. 11455
Majithia, J.C., Zhang, W. Performance results of CSMA/CD Ethernet with various acknowledgement schemes 30439
Majka, R. *see* Bellwied, R. 31684
Majkusiak, B., Strojwas, A. Influence of oxide thickness nonuniformities on the tunnel current-voltage and capacitance-voltage characteristics of the metal-oxide-semiconductor system 10778
Majlis, B.Yeop *see* Yeop Majlis, B.
Majo, V.Di *see* Di Majo, V.
Major, D.J. *see* Brown, R.J. 32103
Major, J. *see* Lang, R.J. 12197
Major, J. *see* O'Brien, S. 12232
Major, J., Jr. *see* Mehuys, D. 20820
Major, J.S., Jr., O'Brien, S., Gulgazov, V., Welch, D.F., Lang, R.J. High-power singlemode AlGaAs distributed Bragg reflector laser diodes operating at 856 nm 43952
Major, J.S., Jr., Osinski, J.S., Welch, D.F. 8.5W CW 2.0μm InGaAsP laser diodes 12233
Major, J.S., Jr., Welch, D.F. Singlemode InGaAs/GaAs distributed Bragg reflector laser diodes operating at 1083nm 20765
Major, L. *see* Kushawaha, V. 35738
Major, P., Kadar, P. A complex dispatcher center [power systems] 32265
Major, S. *see* Anitha, V.P. 10999
Majoros, M. *see* Martini, I. 28399
Majorova, E.K. *see* Pinchuk, G.A. 23248
Majors, S.S. *see* Chian, M.C. 11269
Majumdar, A., Carrejo, J.P., Lai, J., Chandrachood, M. Thermal imaging of electronic materials and devices using the atomic force microscope 40904
Majumdar, A., Vrudhula, S.B.K. Analysis of signal probability in logic circuits using stochastic models 34030
Majumdar, B. *see* Ghosh, I. 41949
Majumdar, G. *see* Takanashi, K. 40300
Majumdar, J. *see* Rangarajan, K. 13735
Majumdar, S. *see* Petriu, D.C. 37542
Majumdar, S.K. An optimum maintenance strategy for a vertical boring machine system 40873
Majumder, D.D. *see* Banerjee, D.K. 13768
Majumder, D.Dutta *see* Dutta Majumder, D.
Mak, A.A. Lasers at the State Optical Institute 35645
Mak, A.A., Kornev, A.F., Pokrovskiy, V.P., Soms, L.N., Stupnikov, V.K. Laser systems with internal scanning 28936
Mak, F.K., Ilic, M.D. Classification of voltage problems in electric power systems 16209
Mak, G. *see* Fu, Q. 21030
Mak, H.-B. *see* Komar, R.J. 7280
Mak, M.W., Allen, W.G. Spectral transistivity functions for speech segmentation in noise 4471
Mak, M.W., Allen, W.G., Sexton, G.G. Speaker identification using multilayer perceptrons and radial basis function networks 36600
Mak, S.K., Aghvami, A.H. Detection of TCM signals on severely distorted channels using survival path feedback equaliser 29646
Mak, V.T. Radiation-stimulated diffusion of phosphorous in silicon 34920
Mak Hon-Tung *see* Hon-Tung Mak
Makabe, T. *see* Nakayama, Y. 7127
Makabe, T. *see* Tanaka, H. 347
Makabe, T. *see* Tanaka, H. 14582
Makai, J.P., Cromer, C.L. The application of an optical biasing method to determine temperature-dependent nonlinearity of photovoltaic Ge detectors 23610
Makai, J.P. *see* Racz, M. 23706
Makajima, M. *see* Saito, H. 15812
Makal, J.M. *see* Muench, F.J. 16359
Makalsky, L.M. *see* Nikitin, O.A. 25034
Makansi, J. Clean power from coal 8220
Makansi, J. Integrated control concepts minimize environmental impact [of thermal power plants] 25195
Makansi, J. Can fluid-bed take on p-c units in the 250—to 400-MW range? 25197
Makansi, J. CFB technology injects life into dry scrubbing 25200
Makansi, J. Outage/maintenance management puts information technology to work 39689
Makansi, J. PSI Gibson turns compliance into a vision for the future 39901
Makansi, J. Process control plays quiet but huge role in CAA compliance 39902
Makansi, J. Versatility of hydro assures its role—despite mounting pressures 40040
Makansi, J. SO_2/NO_x control finetuning for phase I compliance 47397
Makansi, J. Cycling/dispatching power plants 47734
Makansi, J. Hawaii's first coal units operate in cycling mode 47760
Makansi, J. Latest wind turbine designs bolster industry confidence 47816
Makarov, A.A. *see* Dolinsky, A.V. 15287
Makarov, A.A. *see* Golovnin, I.V. 28910
Makarov, A.A. *see* Krasnikov, V.V. 7639
Makarov, A.A. *see* Zolotoverkh, I.I. 44023
Makarov, I.G. *see* Baryshev, Y.V. 31656
Makarov, M. *see* Bychkov, Yu. 28744
Makarov, S.F. *see* Barinov, V.A. 16127
Makarov, S.F. *see* Barinov, V.A. 39535
Makarov, S.F. *see* Sin'chugov, F.I. 24660
Makarov, V.A. *see* Alaverdian, R.B. 20962
Makarov, V.M. *see* Annenkov, Yu.Z. 37958
Makarov, V.N. *see* Suvorov, A.V. 11879
Makarov, V.S. *see* Chashchin, S.P. 11875
Makarov, V.V., Meleshin, V.I., Yakushev, V.A. Resonant transistorized voltage converters with the load connected to the capacitor in the circuit 40303
Makarov, V.V. *see* Krasnobaev, L.Ya. 19508
Makarova, T.V. *see* Gorev, N.B. 1874
Makaryan, A.A. *see* Karayan, G.S. 34564
Makdisi, Y.I. *see* Huang, H. 7044
Makeeva, E.V. *see* Andrianov, S.N. 11651
Makela, H. *see* Koskinen, K. 13383
Makela, J.P. Auditory evoked magnetic fields in stroke 31879
Makela, K. *see* Torronen, K. 16500
Maker, G.T., Malcolm, G.P.A., Ferguson, A.I. Single-frequency diode-pumped Nd:YAG ring laser with no intracavity elements 12284
Makhdoom, S., Tabak, D., Auletta, R. Register file/cache microarchitecture study using VHDL 18782
Makhija, K.K. *see* Patel, N.G. 40490
Makhlouf, M. *see* Sazhin, S. 35696
Makhmudov, M.A. *see* Mirsagatov, Sh.A. 33037
Makhnenko, L.A. *see* Bulyak, E.V. 46798
Makhnenko, L.A. *see* Ivanov, G.M. 23959
Makhonin, I.I. *see* Beklemishev, V.I. 34768
Makhoul, J. *see* Zavaliagkos, G. 21672
Makhoul, J. *see* Zavaliagkos, G. 36620
Makhover, Z.M. Probability forecast of instrument meteorological conditions 39163
Maki, A. *see* Murakami, A. 7247
Maki, G.K. *see* Bobin, V. 12911
Maki, G.K. *see* Liu, M.N. 18595
Maki, H. *see* Mizuno, S. 5880
Maki, H. *see* Tagawa, K. 1248
Maki, H. *see* Yonehara, H. 12392
Maki, K. *see* Nagano, Y. 34094
Maki, N. *see* Shibata, M. 8904
Maki, N. *see* Uyeda, K. 25390
Maki, P.A. *see* Aull, B.f. 3386
Maki, P.A. *see* Le, H.Q. 3624
Maki, P.A. *see* Ng, S.H. 19731
Maki, T. *see* Kobayashi, T. 19732
Maki, T. *see* Ross, W.E. 28533
Makihara, C. *see* Fukui, M. 17854
Makihara, K. *see* Nakamura, K. 42578
Makihara, K. *see* Takano, J. 34719
Makihara, M. *see* Tamaru, N. 45733
Makihira, K. *see* Asano, T. 42949
Makikawa, M., Imai, K., Shindoi, T., Tanooka, K., Iizumi, H., Mitani, H. Microprocessor-based memory device for ambulatory heart rate and physical activity recording 38409
Makimoto, M. *see* Hasegawa, M. 18540
Makimoto, M. *see* Toki, M. 1418
Makimoto, M. *see* Yabuki, H. 10417
Makimoto, T., Kobayashi, N. Carbon atomic layer doping in AlGaAs by metalorganic chemical vapor deposition and its application to a p-type modulation doped structure 806
Makimoto, T. *see* Sugio, Y. 12718
Makimura, T. *see* Ito, H. 2474
Makin, B., Coles, B.J. Novel electrostatic micromotors 8469
Makin, V.S., Gashkov, O.P., Libenson, M.N., Trubaev, V.V. Formation of microrelief on silicon surface under action of radiation pulses with different polarization 19605
Makinen, J.P. *see* Hyvarinen, V. 8873
Makinen, T. *see* Jaccard, M. 40677
Makinen, T. *see* Pirjola, R. 40294
Makino, A. *see* Suzuki, K. 2846
Makino, B.Y., Mizorogi, C., Nomura, Y., Hashimoto, K., Ohashi, Y. A new approach to long-life punching die for blanking high-density PWB 10565
Makino, F. *see* Kunieda, H. 15683
Makino, H. Report of the Standardization Study Committee on the electronic components insertion and mounting robot 33328
Makino, M. General-purpose inverter, THYFREC-VT200S 17038
Makino, M., Itoh, K., Konishi, T., Kyutoku, M., Hoshino, C., Katoh, T., Sano, S., Konishi, K.,

Iso, O. Infrastructure build-up plan for promoting electric vehicles [Osaka Electric Vehicle Community System Project] 48287
Makino, M. *see* Hasuda, N. 25134
Makino, M. *see* Monta, K. 39760
Makino, R. *see* Shimakura, Y. 24863
Makino, S., Handschin, E. Operation and power supply of Tokaido-Shinkansen line 17548
Makino, S. *see* Aoki, T. 37248
Makino, S. *see* Oikawa, H. 37644
Makino, T. Transfer-matrix theory of the modulation and noise of multielement semiconductor lasers 43824
Makino, T., Lu, H., Li, G.P. High-speed operation of partly gain-coupled 1.55 μm DFB lasers with a strained-layer MQW active grating 35796
Makino, T. *see* Arai, S. 19308
Makino, T. *see* Chunmeng Wu 35874
Makino, T. *see* Hong, J. 12161
Makino, T. *see* Hong, J. 43919
Makino, T. *see* Li, G.P. 12160
Makino, T. *see* Li, G.P. 43887
Makino, T. *see* Lu, H. 20779
Makino, T. *see* Takeuchi, Y. 19312
Makino, Y. *see* Masui, N. 14016
Makino, Y. *see* Tanaka, K. 17616
Makino, Y. *see* Watanabe, T. 33135
Makio, S. *see* Furukawa, Y. 21073
Makios, V. *see* Antonakopoulos, T. 5455
Makishi, Y., Kawagishi, M., Fukui, M., Watanabe, T., Utsumi, A., Kikukawa, Y., Miura, M., Yamasaki, M., Takai, T., Ozaki, H., Kaide, T. Principal parts of ultrathin fiberscopes and catheters 31837
Makishima, H., Imura, H., Kuriyama, T., Yamada, K. Development of vacuum microelectronic devices 19293
Makita, K. *see* Gomyo, A. 26410
Makita, K. *see* Hirosawa, S. 11462
Makita, K. *see* Ishikawa, H. 5983
Makita, K. *see* Tsuji, M. 20537
Makita, K. *see* Tsuji, M. 35577
Makita, T. *see* Ogihara, M. 710
Makita, Y. *see* Lee, J.-S. 9615
Makita, Y. *see* Lee, J.-S. 33601
Makita, Y. *see* Niki, S. 716
Makiuchi, M. *see* Nakagawa, G. 20374
Makkaveyev, V.I. *see* Koshmak, V.K. 14613
Makkaveyev, V.N. *see* Daurtsev, I.A. 14612
Makkonen, S. Managing the changing energy markets 39520
Mako, F.M. *see* Godlove, T.F. 31785
Mako, F.M. *see* Velazco, J.E. 10629
Makosa, A. *see* Figielski, T. 10693
Makous, W. *see* Naiman, A.C. 29995
Makovich, L., Smalley, G. The electric power industry forecast—1993-2010 39529
Makowski, M.S., Forsyth, A.J. Modeling and analysis of the fully-integrated magnetics DC-isolated Cuk converter 17051
Makowski, P. *see* Dewey, R. 22879
Makowski, P. *see* Sfez, R. 37155
Makrakis, D. Trellis coded modulations with improved non-coherent detection for personal and mobile satellite communications 5850
Makrakis, D., Sundara Murthy, K.M. Spread slotted ALOHA techniques for personal satellite communications: performance analysis 37793
Makrakis, D. *see* Bouras, D.P. 4365
Makram, E.B., Girgis, A.A., Qiu, J., Pamulapati, V. Analysis of system voltage profiles and harmonic filter design in the presence of time varying current injection by dynamic system models 16133
Makram, E.B., Subramaniam, E.V., Girgis, A.A., Catoe, R.C., Jr. Harmonic filter design using actual recorded data 47378
Makram, E.B., Varadan, S. A generalized load modeling technique using actual recorded data and its use in a harmonic load flow program 7816
Makram, E.B. *see* Girgis, A.A. 26096
Makris, G. *see* Boone, T. 34708
Makroglou, A. Extended backward differentiation formulae in the numerical solution of general Volterra integro-differential equations 618
Maksiejewski, J.L. Losses in tubular cylindrical conductors due to current surges, taking skin effect into account 7950
Maksimenko, A.V. Defects in sized steel 18357
Maksimenko, B.V. *see* Nedavnii, O.I. 41542
Maksimenko, M.I. *see* Chertkov, V.A. 34135
Maksimov, A.Yu., Maltsev, A.A., Yushin, N.K. Use of silicon carbide in integrated optics 11880
Maksimov, E.M., Prokhorov, Yu.N. An estimate of the effectiveness of Markov filtering of speech signals 29532
Maksimov, M. *see* Zlatanov, Z. 41276
Maksimov, V.A. *see* Kuz'min, B.I. 5370
Maksimov, Yu.A. *see* Yushin, N.K. 11417
Makulski, W.J. *see* Jachowicz, R.S. 14927
Makungu Mbi *see* Mbi Makungu
Makur, A. Vector quantization of images using input-dependent weighted square error distortion 37017
Makur, A. *see* Jagannathan, S. 29890
Makuta, I.D., Kulak, A.I. Photoelectrochemical determination of minority-carrier diffusion length and energy band gap in heavily-doped semiconductors. I. Hole diffusion transport in degenerate n-CdO 42424
Makutina, L.I. *see* Kindyak, A.S. 11502
Mal, A.K. *see* Bar-Cohen, Y. 18384
Malachevsky, M.T., Villa, P.L., Gherardi, L. The effect of 10 wt% Ag addition on a $Bi_{1.6}Pb_{0.4}Sr_2Ca_2Cu_3O_x$ compound 11521
Malacky, L. *see* Hahn, D. 35621
Malaeva, V.T. *see* Muminov, R.A. 46948
Malafarina, L. *see* di Salvatore, F. 24874
Malafeev, S.I., Mamai, V.S. Integrating-type pulse-width converter 25858
Malafeev, S.I., Mamai, V.S., Pavlovich, A.G., Serebrennikov, N.A. Thyristorised converters for the excitation of synchronous motors and supply to control apparatus for shovel excavators 8919
Malafronte, A.A. *see* Takahashi, J. 15381
Malah, D. *see* Ben-David, G. 21641
Malah, D. *see* Sapiro, G. 45211
Malaise, D., Gollier, J. Laser diode-fiber link for the transmitter of the SOUT program and for the Beacon of the SILEX program 37997
Malaise, N. *see* Masson, M. 16526
Malaiya, Y.K. *see* Al-Assadi, W.K. 10175
Malaiya, Y.K. *see* Al-Assadi, W.K. 33981
Malaiya, Y.K. *see* Menon, S.M. 10072
Malaiya, Y.K. *see* Menon, S.M. 10156
Malaiya, Y.K. *see* Menon, S.M. 43110
Malakian, K. Track deletion logic for maneuvering and nonmaneuvering targets 29626
Malamud, G., Mine, P., Vartsky, D., Equer, B., Breskin, A., Chechik, R. The photoyield of CsI, amorphous silicon and organometallic reflective photocathode materials 46899
Malamud, G. *see* Breskin, A. 42352
Malanchenko, L.L. *see* Shcheslov, A.S. 32593
Malandrino, A., Chindemi, M. Effect of cell configuration and fuel on SOFC modelling 17318
Malanga, D. *see* London, A. 19156
Malara, P., Tirler, R., Trannoy, A. CLAN at CRS4: an experimental public switched data network 5513
Malashina, O.Yu. *see* Zhuravleva, O.V. 43902
Malashkin, G.Yu. *see* Krishchuk, N.G. 25008
Malasri, S. *see* Olabe, M.A. 30568
Malasri, S. *see* Olabe, X. 30314
Malatesta, M. *see* Bassini, R. 38911
Malatesta, P.A. *see* Dirubbo, L. 5429
Malatestas, P.B., Papadopoulos, M.P., Stavrakakis, G.S. Modeling and identification of diesel-wind turbines systems for wind penetration assessment 25285
Malavasi, E., Sangiovanni-Vincentelli, A. Area routing for analog layout 9902
Malaviya, A., Malaviya, P. Object recognition using fuzzy set theoretic techniques 30045
Malaviya, P. *see* Malaviya, A. 30045
Malberti, P. *see* Pereira, J.S. 43631
Malcagni, M. Amplifiers for semiconductor pressure sensors 26723
Malcangi, M. High speed signal processing 18459
Mal'chenkov, A.P. *see* Aristarkhova, A.A. 9212
Malcolm, C. *see* Wang Yangsheng 29881
Malcolm, G.P.A. *see* Hall, G.J. 20978
Malcolm, G.P.A. *see* Maker, G.T. 12284
Malcolm, J.S., Hinton, G.J., Pauksens, J. Human machine interface design in new CANDU control centres 39730
Malcolm, K.C., Poltrock, S.E., Schuler, D. Industrial strength hypermedia: requirements for a large engineering enterprise 37528
Malcolm, N., Wei Zhao The timed-token protocol for real-time communications 45362
Maldonado, E.P. *see* Wetter, N.U. 3538
Maldonado, J.R. *see* Peckerar, M.C. 11023
Maldonado, J.R. *see* Turcu, I.C.E. 28025
Maldonado Astorga, O.A., Pissolato Filho, J. Dynamic analysis of flashover in high voltage DC polluted insulator 39630
Male, H., Robinson, M., Kushner, M.L., Anello, S.F. An integrated on-board route planner for helicopter applications 39187
Male, K.B., Luong, J.H.T. Improvement of the selectivity of an FIA amperometric biosensor system for glucose 6614
Malec, D., Essolbi, R., Farkh, M., Hoang-The-Giam, Ai, B., Zebouchi, N., Bendaoud, M. Modelling of the dielectric breakdown phenomenon in polymer with the new parameter pressure 28297
Malec, H. *see* Bowick, J.W. 45429
Malec, H.A. Telecommunications quality—a TQM viewpoint 45430
Malecki, I. Spectrum analysis of acoustic emission signals 912
Malek, F., Breton, V., Grossiord, J.Y., Guichard, A., Chanfray, G., Fleck, S., Mathiot, J.F., Mendez-Galain, R., Merabet, H., Pire, B. A dimuon spectrometer (DMS) for the study of charmonium production 38936
Malek, L. *see* Loschner, H. 27920
Malek, M. *see* Barborak, M. 22365
Malek, M. *see* Rangarajan, S. 26842
Malekhanov, A.M., Serebryakov, G.V. Antijamming capability of optimal spatial processing of discrete-spectrum fields 29624
Maleki, L. *see* Hendrick, R.O., Jr. 11623
Maleki, L. *see* Logan, R.T., Jr. 19056
Maleki, L. *see* Prestage, J.D. 23381
Maleki, L. *see* Shadaram, M. 10432
Maleki, L. *see* Siedel, D.J. 23383
Maleki, L. *see* Yao, X.S. 6062
Malemezian, E. Meter retirement program improves accuracy 6674
Malesani, L., Rossetto, L., Tenti, P., Tomasin, P., Zuccato, A. Performance optimization of quasi-direct converters 8631
Malesani, L. *see* Balbo, N. 8887
Malesani, L. *see* Balbo, N. 16148
Malesani, L. *see* Chiarelli, C. 16983
Malesani, L. *see* Divan, D.M. 25553
Maletic, D., Ruggiero, A.G. Exact physical model for magnets in storage rings 38790
Malewski, R. *see* Fischer, H.G. 16939
Maley, N. *see* Feng, G.F. 9784
Maley, N. *see* Katiyar, M. 41418
Maley, N. *see* Liang, Y.H. 26463
Maley, N. *see* Yang, S.-Y. 27494
Malfait, M., Roose, D., Vandermeulen, D. A convergence measure and some parallel aspects of Markov chain Monte Carlo algorithms 29854
Malferrari, L. *see* Beer, A. 31662
Malferrari, L. *see* Bruschini, C. 38888
Malghan, V.R. Towards commercial MHD power plants—an international scenario 25312
Malghan, V.R., Krishnamoorthy, D., Balachandran, J., Kaliappan, R., Gowrisankar, S. Performance analysis of 8 MW thermal input Indian MHD pilot plant channel 25343
Malghan, V.R. *see* Arunachalam, S.A. 25298
Malhame, R.P., Kamoun, S. On-line identification of models of aggregate air conditioning loads 7778
Malhammar, A. Thermal dimensioning of air-cooled printed board assemblies 10552
Malhi, S., Chatterjee, P. 1-V microsystems—scaling on schedule for personal communications 41670
Malhotra, A. *see* Cushing, M.J. 41018
Malhotra, J., Senani, R. Class of floating, generalised, positive/negative immittance converters/inverters realised with operational mirrored amplifiers 27044
Malhotra, M. *see* Trivedi, K.S. 5354
Malhotra, M. *see* Trivedi, K.S. 33452
Malhotra, V. *see* Kapila, A. 27687
Malhotra, V. *see* Young, D.B. 35915
Mali, E.J., Hunt, T.G., Smith, R.A. Low-NO_x combustion modifications for down-fired pulverized coal boilers 32707
Malia, T.E. *see* Hall, J.L. 39186
Maliepaard, M. *see* Liang, S. 28287
Malik, A. *see* Dodd, A.C. 7229
Malik, D.P.S. *see* Newell, P. 12767
Malik, H. *see* Mangelsdorf, C. 27021
Malik, H. *see* Mangelsdorf, C. 27024
Malik, K., Gang Yu A branch and bound algorithm for the capacitated minimum spanning tree problem 506
Malik, M., Xia, R., Odemuyiwa, O., Staunton, A., Poloniecki, J., Camm, A.J. Influence of the recognition artefact in automatic analysis of long-term electrocardiograms on time-domain measurement of heart rate variability 15852
Malik, M. *see* Kulakowski, P. 15854
Malik, M. *see* Xia, R. 24300
Malik, N.H. *see* Qureshi, M.I. 25040
Malik, O.P. *see* Chen, G.P. 32220
Malik, O.P. *see* Chen, R.H. 24690
Malik, O.P. *see* Chen, R.H. 32470
Malik, O.P. *see* Gilany, M.I. 32419
Malik, O.P. *see* Liu Pei 39665
Malik, O.P. *see* Roy, S. 25239
Malik, O.P. *see* Zhang, Y. 32310
Malik, R., Ren, H. Vertices and corners: normalized average detection 4997
Malik, R., So, S. Vertices and corners: a maximum likelihood approach 4996
Malik, R. *see* Kiely, P.A. 43026
Malik, R. *see* Li, S.H. 687
Malik, R.J. *see* Micovic, M. 28808
Malik, S. *see* Ashar, P. 26879
Malik, S. *see* Devadas, S. 26803
Malik, S. *see* Devadas, S. 26804
Malik, S. *see* Devadas, S. 26861
Malik, S. *see* Devadas, S. 41605
Malik, S.C. *see* Tuteja, R.K. 26252
Malikov, V.Ya., Stadnik, P.E., Timan, B.L., Gerasimchuk, L.I. Ohmic contacts for high-T_c superconducting ceramics 2865
Malimath, G.H., Chikkur, G.C. Role of energy migration in an organic liquid scintillator system in the 20-70°C temperature range 38844
Malin, J.A. *see* Gennert, M.A. 36787
Malin, V.V. *see* Metrikin, A.A. 30616
Malina, V., Schade, U., Vogel, K. Technological aspects of the preparation of Au-Zn ohmic contacts to p-type InP 19649
Maliniak, D. Laminated-film MCMs aim for mass market 17836
Maliniak, L. Windows-based toolset synthesizes complex PLDs 26784
Maliniak, L. ESDA boosts CAE technology to higher levels 33314
Maliniak, L. EDA tools zero in on DSP design 41909
Malinin, A. *see* Ferrando, A. 15617
Malinov, P.N. Magnetic field entrance conditions in a circularly polarized FEL wiggler 43995
Malinov, V.A. *see* Afonin, S.L. 3184

Malinovskaya, S.A. *see* Belikov, S.V. 7199
Malinovskaya, S.A. *see* Britvich, G.I. 7165
Malinovskaya, S.A. *see* Kotov, Yu.D. 31769
Malinovsky, V.K. *see* Kanaev, I.F. 29062
Malinovsky, V.K. *see* Kanaev, I.F. 36058
Malinowski, J.C. *see* Henry, A. 19578
Malinowski, J.H. *see* Liu, E. 32343
Malinowski, M., Joubert, M.F., Jacquier, B. Simultaneous laser action at blue and orange wavelengths in YAG:Pr^{3+} 12070
Malinowski, M.E. *see* Tichenor, D.A. 27831
Malishev, O.B. *see* Palmieri, V. 15512
Malitskaya, M.A. *see* Bogatin, A.S. 27321
Malka, Y., Moran, S., Zaks, S. A lower bound on the period length of a distributed scheduler 13884
Malkamaki, E. Burst-level ARQ—an adaptive low-delay error protection scheme for speech transmission in a TDMA system 22908
Malkiewicz, T. *see* Cenanovic, M. 16600
Malkin, J., Dvornbikov, A.S., Rentzepis, P.M. Photochemical reactions of spiropyrans and their utilization in optical devices 21026
Malkin, J. *see* Dvornikov, A.S. 20282
Malkin, R.A. *see* Penzotti, J.E. 39100
Malkovsky, V.I., Ivanov, V.M., Bogachev, V.A. CO_2 unsteady plate surface burnout with stepwise wall heat flux variation 25083
Mallalieu, K., Arieatas, R., So'Brien, D. An inexpensive PC-based laboratory configuration for teaching electronic instrumentation 38373
Mallard, R.E. *see* Thrush, E.J. 9630
Mallat, S., Zhang, Z. Adaptive time-frequency decomposition with matching pursuits 13302
Mallat, S.G., Zhifeng Zhang Matching pursuits with time-frequency dictionaries 44972
Mallavarpu, R., Puri, M.P. High power 14 GHz SSPA for SATCOM applications 1548
Mallela, P.P. *see* Kuo, S.M. 5806
Malleswara Rao, T.C. *see* Mahadasa, V. 5004
Malleswara Rao, V. *see* Raju, G.S.N. 12715
Mallett, R.L. *see* Ghosh, S. 33569
Mallette, L.A., Varney, J. One time transient failure investigation 47207
Mallette, L.A. *see* Rosenthal, M.S. 41027
Malley, M.M. *see* Simpson, T.B. 29074
Malliani, A. *see* Porta, A. 36751
Malliaras, G.G., Herrema, J.K., Wildeman, J., Gill, R.E., Wieringa, R.H., Lampoura, S.S., Hadziioannou, G. Colour tuning of poly[(silanylene)thiophene] block copolymers 43652
Malliaras, G.G., Herrema, J.K., Wildeman, J., Wieringa, R.H., Gill, R.E., Lampoura, S.S., Hadziioannou, G. Tuning of the photo- and electroluminescence in multi-block copolymers of poly[(silanylene)-thiophene]s via exciton confinement 28611
Mallick, A.B. *see* Dam, B. 45682
Mallick, S. *see* Burgess, B. 41930
Mallick, S. *see* Zhai, H.C. 11695
Mallie, H. *see* Attari, M. 6466
Mallik, A., Johns, D.P., Wlodarczyk, A.J. TLM modelling of wires and slots 44412
Mallik, A., Vasi, J., Chandorkar, A.N. Electron trapping during irradiation in reoxidized nitrided oxide 34632
Mallik, D. *see* Chroneos, R.J. 1702
Mallik, U. *see* Bernstein, A. 31661
Mallik, U. *see* Wang, M.-Z. 31689
Mallikarjuna Reddy, Y., Satyanaranaya, P.S.M., Pasha, I.A., Sudhakar, A. Generalized differential encoder for data transmission through remote sensing satellites 44665
Mallikarjuna Reddy, Y. *see* Pasha, I.A. 38159
Mallikarjunappa, K., Nageshwar Rao, B. Correlation among non destructive test parameters of stator insulation of HV rotating machines in service 16794
Malliot, H.A. Zone plate reflector antennas for applications in space 44632
Mallipeddi, C. *see* Oomman, B.G. 1731
Mallon, R.E. *see* Sato, N. 45411
Mallorqui, J.J. Active microwave tomography 47056
Mallorqui, J.J. *see* Broquetas, A. 7360
Mallorqui, J.J. *see* Vaquer, M. 30627
Mallot, H.A. *see* Theimer, W.M. 36788
Malloy, B. *see* Smotherman, M. 34109
Malloy, D.D., Smith, A.H. High throughput laser drilling/patterning for laminates in multichip modules 33378
Malloy, K.J. *see* Farrer, S.W. 30786
Malloy, K.J. *see* Lott, J.A. 20811
Malloy, K.J. *see* Sze, T. 20830
Malmquist, A. *see* Chudi, P. 8935
Malmros, S. *see* de Albuquerque, A.A. 45677
Malner, R. *see* Hermida San Martin, F.A. 5348
Malo, B., Albert, J., Hill, K.O., Bilodeau, F., Johnson, D.C. Effective index drift from molecular hydrogen diffusion in hydrogen-loaded optical fibres and its effect on Bragg grating fabrication 43389
Malo, B., Hill, K.O., Bilodeau, F., Johnson, D.C., Albert, J. Point-by-point fabrication of micro-Bragg gratings in photosensitive fibre using single excimer pulse refractive index modification techniques 2966
Malo, B. *see* Albert, J. 44098
Malo, B. *see* Bilodeau, F. 35550
Malo, B. *see* Bilodeau, F. 35553
Malo Machado, V.M. Eddy current and impedance evaluation using a two-dimensional finite element method 25423
Maloberti, F. *see* Dell'Acqua, A. 7283
Maloberti, F. *see* Dell'Acqua, A. 46998
Maloberti, F. *see* Liberali, V. 18831
Maloberti, F. *see* Martins, R.P. 1312
Malocha, D.C. *see* Cavin, M. 20116
Malocha, D.C. *see* Garrity, M.E. 7664
Malocha, D.C. *see* Lee, K.R. 9709
Malocha, D.C. *see* Lee, K.R. 9757
Malocha, D.C. *see* Sakairi, N. 7667
Malocha, D.C. *see* Vigil, A.J. 10019
Malocha, D.C. *see* Vigil, A.J. 10257
Malomed, B.A. Ideal amplification of an ultrashort soliton in a dispersion-decreasing fiber 36035
Malomed, B.A., Parker, D.F., Smyth, N.F. Resonant shape oscillations and decay of a soliton in a periodically inhomogeneous nonlinear optical fiber 3026
Malomed, B.A., Pomerants, M.S. Transformation of a linear wave by a local nonlinear element 29234
Malomed, B.A. *see* Sorensen, M.P. 2909
Malonda, A.Grau *see* Grau Malonda, A.
Malone, K.T., Fischer, T.R. Enumeration and trellis-searched coding schemes for speech LSP parameters 4479
Malone, S. *see* Paolella, A. 6132
Malone, T.B., Heasly, C.C., Kirkpatrick, M., Perse, R.M., Vingelis, P.J., Welch, D.L. Human system integration (HSI) and MANPRINT requirements and tools 16113
Maloney, C.E., Nakamura, H., Broers, A.N., Xia, S., Peters, L. Realization of limited-area cathodes and their performance in an electron optical column 42347
Maloney, J.G., Shlager, K.L., Smith, G.S. A simple FDTD model for transient excitation of antennas by transmission lines 44636
Maloney, J.G., Smith, G.S. Optimization of a conical antenna for pulse radiation: an efficient design using resistive loading 4296
Maloney, J.G., Smith, G.S. Accurate modeling of antennas for radiating short pulses, FDTD analysis and experimental measurements 44587
Maloney, J.G. *see* Shlager, K.L. 36164
Maloney, J.G. *see* Shlager, K.L. 41220
Maloney, T.J. Integrated circuit metal in the charged device model: bootstrap heating, melt damage, and scaling laws 27803
Maloney, T.J. *see* Niehof, J. 6727
Malos, J. *see* Foster, B. 31714
Malos, J.T. *see* Tin Win 3466
Malossi, C. *see* Mertins, V. 15860
Malosti, D., Vellone, R. Status of the electric and hybrid vehicle program at ENEA 48200
Malosti, D., Vellone, R. Status of the electric and hybrid vehicle programme at ENEA 48408
Malouschek, M. *see* Junior, P. 15444
Malov, V.V., Lyalina, E.V. The theory of nonstationary processes in optical tunnel-coupled ring waveguide resonators 43472
Malowany, A.S. *see* Haule, D.D. 47157
Maloy, J.T., Reid, M.A. Characterization of aqueous secondary cells with ZSPICE—a SPICE-based simulator for electrochemical impedance 17232
Malozemoff, A.P. Advanced technology/electromagnetism—superconducting wire gets hotter 39614
Malsburg, C.von der *see* von der Malsburg, C.
Malta, D.P. *see* Rudder, R.A. 856
Maltabes, J.G., Hakey, M.C., Levine, A.L. Cost/benefit analysis of mix-and-match lithography for production of half-micron devices 2370
Maltenfort, A. *see* Kissa, K. 3159
Maltese, P., Piccolo, R., Ferrara, V. An addressing effective computer model for surface stabilized ferroelectric liquid crystal cells 11692
Maltezos, A. *see* Adam, W. 7259
Maltezos, A. *see* Adam, W. 31715
Maltezos, A. *see* Adam, W. 46929
Maltezos, S. *see* Adam, W. 46929
Mal'tsev, A.A. *see* Ignatenko, S.V. 44611
Maltsev, A.A. *see* Maksimov, A.Yu. 11880
Mal'tsev, E.A. A modification of alternative projections method for pulsed signal direction finding 13231
Mal'tsev, E.A. Algorithm for finding the direction of pulsed signals 21865
Mal'tsev, E.A. The use of a suboptimal maximum-likelihood method for the direction-finding of broadband signals 29671
Maltsev, M.V. *see* Petrovskii, G.T. 20238
Mal'tsev, O.A. *see* Dikshtein, I.E. 28364
Mal'tsev, V.A., Sokolov, Yu.S., Kulikovsky, A.V., Waterworth, M.D., Komarov, A.O. Laser fabrication and properties of potassium-doped $Bi_2Sr_2Ca_1Cu_2O_x$ superconducting films 43367
Mal'tsev, V.P. Analysis of natural waves of a plane-layered lossy periodic medium as applied to their transformation at inhomogeneities 12675
Mal'tsev, Yu.N. *see* Kamzin, A.S. 7298
Malucci, R.D. Making contact to aged surfaces 1672
Maluf, N. *see* Hordon, L.S. 29106
Maluf, N.I. *see* Liu, H.I. 19374
Malukutla, S. *see* Pereira, J.G. 47365
Maluszczak, E. *see* Mizan, M. 5726
Maluszynski, J. *see* Kuchcinski, K. 33999
Malwitz, E. *see* Amendola, G. 15300
Maly, W. *see* Khare, J. 10176
Malyan, R. *see* Brown, G. 33808
Malyan, R. *see* Brown, G. 40997
Malyan, R. *see* Forte, P. 1726
Malyarenko, A.M. *see* Verbitskaya, E.M. 46859
Malykhin, A.P. *see* Zhuk, I.V. 38877
Malyon, D.J. *see* Shan, X. 3525
Malyshev, I.V. Average models of field-effect transistors for programs for the computer analysis of electronic devices 34965
Malyshev, S.A., Rakhley, S.Y. Photoelectric crosstalk in arrays of photodetectors based on silicon and $A^{III}B^{V}$ compounds 28676
Malyshev, S.A. *see* Andrievskii, V.F. 28672
Malyshev, S.A. *see* Zalessky, V.B. 6498
Malyshev, V.A. *see* Fayolle, G. 13873
Malyshkin, A.K. *see* Afonin, D.G. 46581
Malyshkin, V.G., Shchukin, V.A. Development of composition inhomogeneities in layer-by-layer growth of an epitaxial film of a solid solution of III-V semiconductors 41268
Malytsev, S.V. *see* Losev, V.V. 4648
Malyukhov, V. *see* Doberstein, S. 2770
Malyukov, S. *see* Budagov, J. 46955
Malyutenko, V.K. *see* Akopyan, A.A. 42469
Malz, R. Numerical studies of the CO_2 waveguide laser: application of a numerical model to explain experimental results and conclusions for laser efficiency and lifetime 43739
Malzer, S. *see* Gulden, K.H. 33639
Mamaev, A.N. *see* Dedushenko, K.B. 12122
Mamaev, A.N. *see* Egorov, S.A. 6529
Mamaev, A.V. *see* Bogodaev, N.V. 21052
Mamaev, A.V. *see* D'yakov, V.A. 21050
Mamaev, A.V. *see* Korol'kov, S.A. 21051
Mamaev, Yu.A. *see* Konoplev, Yu.N. 28926
Mamai, V.S. *see* Malafeev, S.I. 8919
Mamai, V.S. *see* Malafeev, S.I. 25858
Mamatdzhanov, F.D. *see* Azamatov, Z.T. 35512
Mamatkarimov, O.O. *see* Abduraimov, A. 11139
Mamatkulov, R. *see* Aronov, D.A. 3328
Mamdani, A. *see* Parsons, S. 37351
Mamedov, A.M., Potapov, V.T., Shatalin, S.V., Yushkaitis, R. Distributed interferometric fiber optic sensor 15039
Mamedov, A.M., Potapov, V.T., Shatalin, S.V., Yushkaitis, R. Distributed fiber optic alarm system 31254
Mamedov, A.M. *see* Juskaitis, R. 31259
Mamedov, A.M. *see* Potapov, V.T. 23658
Mameno, K., Nishida, A., Nagasawa, H., Fujiwara, H., Suzuki, K., Matsushita, Y., Yoneda, K. The effect of surface electric and magnetic fields on negative charge-up during high-current ion implantation 19527
Mamhoud, A. *see* Montes, C. 35725
Mamidjanian, E.A., Melkumian, L.G., Smorodin, Yu.A., Ter-Antonian, S.V. Application of maximum likelihood analysis to scanning microdensitometer data from X-ray emulsion chambers 15652
Mamin, H.J. *see* Hoen, S. 20280
Mamin, H.J. *see* Terris, B.D. 42583
Mamiya, T. *see* Miura, Y. 15241
Mamlook, R., Thompson, W.E. A multi-target and multi-background classification algorithm using neural networks 5082
Mamlook, R., Thompson, W.E. Data clustering algorithm using a self-organizing method 5083
Mammano, R.A. Voltage-mode control revisited—a new high-frequency controller features efficient off-line performance 26705
Mammela, A. *see* Baier, P.W. 5719
Mammela, A. *see* Kaasila, V.-P. 37702
Mammeri, M. *see* Hadid, A. 43210
Mammeri, Z. *see* Lorenz, P. 45595
Mammone, R. *see* Samaddar, S. 4907
Mammone, R.J. *see* Assaleh, K.T. 36730
Mammone, R.J. *see* Binder, M. 10535
Mammone, R.J. *see* Binder, M. 25629
Mammone, R.J. *see* Farrell, K.R. 36624
Mammone, R.J. *see* Gorin, A. 36617
Mamola, G. *see* Campanella, M. 21502
Mamonov, Yu.A. *see* Gupal, V.I. 21698
Mamontov, N.I. *see* Korennov, B.E. 8156
Mamouni, A. *see* Bocquet, B. 6755
Mamouni, A. *see* Bocquet, B. 31864
Mamyshev, P.V. *see* Bosshard, C. 28979
Man, E.De *see* De Man, E.
Man, G.M.T., Poon, J.C.H. A new similarity measurement method for fuzzy-attribute graph matching and its application to handwritten character recognition 4960
Man, H.De *see* De Man, H.
Man, H.J.De *see* De Man, H.J.
Man, K.F. *see* Won-Kyu Rhim 4011
Man, P., Pan, D.S. Analysis of normal-incident absorption in a proposed p-type very-narrow-quantum-well infrared photodetector 23628
Man, W. *see* Drummond, P.D. 28975
Man Ahn Bong *see* Bong Man Ahn
Man Choi Gyeong *see* Gycong Man Choi
Man Kim Bum *see* Bum Man Kim
Man Mohan Sondhi *see* Schroeter, J. 36619
Man Yiu-Kwong *see* Yiu-Kwong Man

Man Young Rhee *see* Heung Youl Youm 4451
Man Yu Kin *see* Kin Man Yu
Man-Fai Wong, Picon, O., Fouad Hanna, V. Three-dimensional finite element analysis of N-port waveguide junctions using edge-elements 18989
Man-Hee Do *see* Do Man-Hee
Mana, G. *see* Bergamin, A. 14994
Manaa, H., Guyot, Y., Moncorge, R. Spectroscopic and tunable laser properties of $Co2^{+}$-doped single crystals 3550
Manabe, S. *see* Sasaki, M. 38563
Manabe, T., Amano, M., Tomida, H. Example of the application of cubicle gas insulated switchgear (C-GIS) 25588
Manabe, T. *see* Kaneda, R. 4645
Manabe, T. *see* Sadaoka, Y. 6669
Manabe, T. *see* Saka, Y. 38342
Manabe, Y., Takahashi, R., Shiibashi, T., Yanagihara, K. High-resolution analysis on patterned resist by Auger electron spectroscopy 19690
Manaf, A., Al-Khafaji, M., Zhang, P.Z., Davies, H.A., Buckley, R.A., Rainforth, W.M. Microstructure analysis of nanocrystalline Fe-Nd-B ribbons with enhanced hard magnetic properties 20134
Manaf, A., Buckley, R.A., Davies, H.A. New nanocrystalline high-remanence Nd-Fe-B alloys by rapid solidification 20133
Manak, I.S. *see* Afonenko, A.A. 12096
Manak, I.S. *see* Afonenko, A.A. 12507
Manak, I.S. *see* Kononenko, V.K. 43948
Manako, S. *see* Ochiai, Y. 27834
Manalis, S. *see* Huber, C.A. 33763
Manara, G., Tiberio, R., Pelosi, G., Pathak, P.H. High-frequency scattering from a wedge with impedance faces illuminated by a line source. II. Surface waves 4042
Manara, G. *see* Maci, S. 21206
Manara, G. *see* Pelosi, G. 36134
Manara, R. *see* Campestrini, L. 25939
Manara, R. *see* Fracassi, G.L. 24915
Manas, S. *see* Moreno, L. 47097
Manasijevic, M. *see* Neskovic, N. 15583
Manasreh, M.O. *see* Fischer, D.W. 19524
Manassero, G., Marinoni, G. Sensorized robolaser for material processing 3946
Manasson, V.A. *see* Sadovnik, L.S. 3191
Manaud, J.P. *see* Wen, S.J. 1857
Manavi, G.B. Wet advanced FGD design for the Bailly Generating Station 8124
Manavi, G.B., Wrobel, B. Bailly AFGD lives up to expectations 16667
Mancao, R.T. *see* Short, T.A. 47581
Manchanda, L. *see* Mau-Tsu Tang 27600
Manchao Xiao, Lawless, K.J., Ning-Cheng Lee Prospects of solder paste in ultra fine pitch era 19219
Manchek, R. *see* Sunderam, V.S. 45606
Mancini, M. *see* Montangero, P. 43608
Mancini, M. *see* Serra, L. 20843
Mancini, P. *see* Griffiths, H.D. 38165
Manclus, J.J. *see* Montoya, A. 6601
Mand, R.S. *see* Ojha, J.J. 43685
Mandai, M. *see* Saitoh, Y. 7254
Mandai, M. *see* Saitoh, Y. 46854
Mandai, S. *see* Ida, M. 7122
Mandal, A. *see* Sinha, A.K. 24117
Mandal, A.K. *see* Das, A.K. 43423
Mandal, S., Singh, R.K., Tulenko, J.S., Fox, R.M. Concurrent high-frequency annealing of MOS devices in nuclear environments 19879
Mandalia, A.B. *see* Deivendran, S. 30689
Mandel, A.E. *see* Shepelevich, V.V. 3900
Mandel, L. *see* Grayson, T.P. 28973
Mandelbaum, D.M. A method for calculation of the square root using combinatorial logic 41079
Mandelbaum, R., Mintz, M. Active sensor fusion for mobile robot exploration and navigation 32131
Mandelberg, H. *see* Carter, G.M. 43848
Mandelcorn, L., Miller, R.L. High temperature, >200°C, polymer film capacitors 10536
Mandelis, A., Chen, Z.H., Bleiss, R. Quantum efficiency and metastable lifetime measurements in solid state laser materials via lock-in rate-window photothermal radiometry: technique and application to ruby (Cr^{3+}:Al_2O_3) 3574
Mandelis, A., Munidasa, M., Othonos, A. Single-ended infrared photothermal radiometric measurement of quantum efficiency and metastable lifetime in solid-state laser materials: The case of ruby (Cr^{3+}:Al_2O_3) 12049
Mandelis, A. *see* Christofides, C. 31329
Mandelis, A. *see* Pade, O. 29804
Manders, E.J. *see* Dawant, B.M. 7318
Manders, E.J. *see* Dawant, B.M. 36750
Manders, E.J. *see* Dawant, B.M. 38956
Manders, J.E., Lam, L.T., De Marco, R., Douglas, J.D., Pillig, R., Rand, D.A.J. Battery performance enhancement with additions of bismuth 40416
Manderson, L. A cornucopia of connections: getting from here to there, for little or no money down 30353
Mandeville, R. Ethernet switches evaluated 45702
Mandjavidze, I. *see* Letheren, M. 46330
Mandl, A., Klimek, D., Willman, B. KrF laser-pumped dye-laser studies 12032
Mandler, J.A. *see* Espie, D.M. 8222
Mandojana, J.C. *see* Gandhi, S. 18506
Mandra, R. *see* Johnson, B. 12383
Mandrand, B. *see* Saby, C. 6607
Mandridake, L. *see* Liu, X. 21767
Mandrik, O.Yu. *see* Aksinenko, V.D. 7265
Mandrik, O.Yu. *see* Aksinenko, V.D. 46967
Mandrillon, P., Carli, C., Cesari, G., Farley, F., Fietier, N., Ostojic, R., Pinardi, M., Postiau, N., Rocher, C., Ryckewaert, G., Tang, J.Y. Feasibility studies of the EULIMA light ion medical accelerator 6909
Mandrosov, V.I. *(editor)* CIS selected papers. Coherent measuring and data processing methods and devices (SPIE Vol.1978) 26012
Mandrup, G. *see* Eichhorn, H.U. 12641
Manduchi, R., Cortelazzo, G.M., Mian, G.A. Multistage sampling structure conversion of video signals 22040
Manduchi, R. *see* Cortelazzo, G. 21970
Manduci, L. *see* Mastinu, P.F. 31723
Mandzhavidze, I.Z. *see* Vasil'ev, A.V. 7195
Mandzhavidze, I.Z. *see* Vasil'ev, A.V. 7211
Mandziuk, J., Macukow, B. A neural network performing Boolean logic operations 11721
Mane, S.R. Symplectic integrators for spin motion 38786
Mane, S.R., Weng, W.T. The method of minimal normal forms 38787
Mane, S.R. *see* Huang, H. 7044
Manea, A.S. *see* Lazarescu, M.F. 26394
Maneatis, J.G., Horowitz, M.A. Precise delay generation using coupled oscillators 26744
Maneatis, J.G., Horowitz, M.A. Precise delay generation using coupled oscillators 41708
Maneesha *see* Haldar, S. 28128
Manella, A., Molfino, P., Repetto, M. Analysis and design of solenoidal magnets for disk MHD configurations 25752
Manella, A., Nervi, M., Repetto, M. "Response surface" method in magnetic optimization 4004
Manenkov, A.A. *see* Alpatov, V.P. 47119
Manenkov, A.A. *see* Khavroshin, D.L. 20515
Manenkov, A.A. *see* Skolbelkin, O.K. 47118
Manenkov, A.B. *see* Kleyev, A.I. 29257
Manes, K.R. *see* Dixit, S.N. 44160
Manes, K.R. *see* Hunt, J.T. 12416
Manes, K.R. *see* Lawson, J.K. 35948
Manettas, D., L'Antigua, M., Fiddy, M.A. Commercialization of an optical correlator: architectures and alignment procedures 3302
Manevich, A.S. *see* Barinov, V.A. 16127
Manevich, A.S. *see* Dzhangirov, V.A. 24658
Manevich, S. *see* Barinov, V.A. 39535
Manevitz, L., Givoli, D., Margi, M. Heuristic finite element node numbering 18109
Manfredi, C. *see* Fort, A. 24262
Manfredi, M. *see* Neviani, A. 11255
Manfredi, M. *see* Tedesco, C. 35602
Manfredi, P.F. Front-end systems for measurements of small charges from ionisation detectors 7273
Manfredi, P.F. *see* Radeka, V. 15674
Manfredi, P.F. *see* Radeka, V. 18494
Manfredotti, C., Fizzotti, F., Amato, G., Boarino, L., Abbas, M. High quality P-doped μc-Si:H films as obtained by low temperature LPCVD of disilane 9785
Mang Cao *see* Cao Mang
Mang Wang, Hong-zheng Chen, Ji Wang, Shi-lin Yang Photoconductivity and doping effect by NdPc of polyvinylcarbazole (PVK) 11825
Mang Yanping *see* Yanping Mang
Mangalaraj, D. *see* Kannan, M.D. 42595
Mangalaraj, D. *see* Narayandass, S.K. 43151
Mangan, M.F., Andersson, B. The role of the IEC in EV standardisation 48419
Mangan, S. *see* Duek, R. 34722
Manganaris, S., Fisher, D., Kulkarni, D. Towards a machine learning framework for acquiring and exploiting monitoring and diagnostic knowledge 23409
Mangano, A., Coggiola, G. Stability of K-, N- and S-type thermocouples in the temperature range from 0°C to 1060°C 23537
Mangasarian, O.L. Mathematical programming in neural networks 41084
Mangat, P.S. *see* Schirm, K.M. 42560
Mangelsdorf, C., Brodersen, R.W., Brokaw, A.P., Carley, L.R., Nagata, M., Sansen, W., Swanson, E. The future role of the analog designer 26155
Mangelsdorf, C., Lee, S.-H., Martin, M., Malik, H., Fukuda, T., Matsumoto, H. Design for testability in digitally-corrected ADCs 27024
Mangelsdorf, C., Malik, H., Lee, S.-H., Hisano, S., Martin, M. A two-residue architecture for multistage ADCs 27021
Manger, R., Soucek, B. New preprocessing methods for holographic neural networks 42108
Mangeret, R. *see* Farenc, J. 31265
Mangharam, H. *see* Marti, J. 14626
Mangiamele, E., Nava, P., Ordano, L. Results of 2 year measurements on a 18 GHz radio link: rain unavailability considerations for radio relay systems at low and high capacity 14434
Mangin, J. *see* Zhou, J.W. 6499
Mangino, J. *see* Mestha, L.K. 7084
Mangione, S. *see* Augugliaro, A. 24794
Mangione, S. *see* Buccheri, P. 16469
Manglos, S.H., Smith, B.D. Practical evaluation of several cone beam orbits for SPECT 15747
Manglos, S.H., Thomas, F.D., Gagne, G.M., Hellwig, B.J. Phantom study of breast tissue attenuation in myocardial imaging 24250
Manglunki, D. *see* Asseo, E. 15383
Mangnall, K. Combined cycle plant 47787
Mangnus, A.V.G. *see* de Leeuw, R.W. 15470
Mango, S. *see* Abplanalp, M. 24046
Mangolini, M. *see* Ranchin, T. 22110
Mangoubi, S. *see* Robinzon, R. 32159
Mangozzi, E., Piro, G., Gomisel, G. Italian railway rolling stock for prospective use in high-speed operation in Europe 48352
Manguan Lyu *see* Lyu Manguan
Mangulis, V. Flat reflectors influence antenna sidelobe performance 21390
Manh Nguyen Tien *see* Tien Manh Nguyen
Manhaeghe, C., Lemahieu, I., Vogelaers, D. 3D modelling of left ventricle tomograms using Kohonen feature maps 24261
Manhaeve, H. *see* Peeters, J. 36261
Manheimer, W.M., Fliflet, A.W. Long-pulse, low-voltage infrared free-electron laser 44004
Manheimer, W.M. *see* Fischer, R.P. 42367
Manheimer, W.M. *see* Gold, S.H. 1784
Manheimer, W.M. *see* Gold, S.H. 1792
Mani, T.V. *see* Varma, H.K. 41498
Maniar, P. *see* Kaushik, V. 28339
Maniar, P.D., Moazzami, R., Jones, R.E., Campbell, A.C., Mogab, C.J. Impact of backend processing on integrated ferroelectric capacitor characteristics 28335
Maniar, P.D. *see* Olowolafe, J.O. 11364
Maniar, P.D. *see* Sudhama, C. 27609
Manias, S.N. *see* Iliadis, I. 48327
Manic, I., Horita, S., Hata, T. Preparation of stoichiometric Bi-Sr-Ca-Cu-O superconducting thin films by RF diode sputtering 847
Manichev, I.A., Mikhailov, V.P., Savitskii, D.E., Minkov, B.I. Power of the thermal lens in a laser-pumped forsterite crystal 12059
Manigrasso, R. *see* Farini, A. 8952
Maniguet, L., Ignat, M., Dupeux, M. X-ray determination and analysis of residual stresses in uniform films and patterned lines of tungsten 34809
Manikas, A., Karimi, H.R., Dacos, I. Study of the detection and resolution capabilities of a one-dimensional array of sensors by using differential geometry 44922
Manikopoulos, C.N., Jaesoo Yang Performance analysis of a gateway connecting the CEBus to the ISDN 37397
Manikopoulos, C.N. *see* Jaesoo Yang 37111
Manikopoulos, C.N. *see* Jaesoo Yang 37112
Maniloff, E.S. *see* Wild, U.P. 20279
Manilov, A.M. Remote redundancy of the operation of relay protection and breakers in 35-110 kV lines 8011
Manin, A.P. *see* Bulychev, Yu.G. 14741
Manintveld, P., Delmee, P.F.M., van der Geer, C.A.J., Meddens, B.J.H., van der Meer, A.F.G., van Amersfoort, P.W. The FELIX RF system 12265
Manion, S.J. *see* Bell, L.D. 1919
Manish, B. *see* Chang, Y.-C. 41971
Manita, K. *see* Sato, K. 18734
Manivannan, G. *see* Changkakoti, R. 12432
Manivannan, G. *see* Leclere, P. 12476
Manivannan, G. *see* Lessard, R.A. 11728
Manivannan, G. *see* Trepanier, F. 21108
Manivannan, P., Subrahmanyam, A. Studies on the electrical and optical properties of reactive electron beam evaporated indium tin oxide films 1871
Maniwa, R. *see* Ishido, K. 10564
Manji, J.F. Fieldbus planning service may save time and money 37400
Manjikian, N., Loucks, W.M. High performance parallel logic simulation on a network of workstations 41576
Manjit Singh *see* Darshan Singh 36205
Manju *see* Haldar, S. 28128
Manjunath, B.S. Gabor wavelet transform and application to problems in early vision 29810
Manjunath, B.S. *see* Li, H. 30008
Manjunatha, S.K. *see* Rajendran, T.S. 8076
Manke, R.P. *see* Lebaric, J.E. 44200
Mankiewich, P. *see* Drabeck, L. 18537
Mankiewich, P. *see* Drabeck, L. 26746
Mankin, H. EMC design of the FAA Registry Building 44379
Manko, D.J. *see* Murphy, O.J. 33013
Man'ko, V.S., Chashchin, S.P., Andreev, V.A., Khabibullin, I.G., Zakirova, E.A. Composite electrochemical coatings on $Cd_xHg_{1-x}Te$ as contact layers 10753
Man'ko, V.S. *see* Chashchin, S.P. 11875
Mankoff, L.L. *see* Phadke, A.G. 47608
Mankovich, N.J. *see* Hiller, J. 38989
Manku, T., McGregor, J.M., Nathan, A., Roulston, D.J., Noel, J.-P., Houghton, D.C. Drift hole mobility in strained and unstrained doped $Si_{1-x}Ge_x$ alloys 19356
Manley, S. *see* Abe, K. 46930
Manly, S. *see* Abe, K. 7260
Manly, S. *see* Abe, K. 15619
Mann, A. *see* Geihs, K. 5358

Mann, A.G., Luiten, A.N., Blair, D.G., Buckingham, M.J. Ultrastable cryogenic sapphire dielectric microwave resonators 18992
Mann, A.G. *see* Luiten, A.N. 42185
Mann, D., Neale, R. Modern RCL instruments and a WW2 Mk1 hurricane—a survival story 38605
Mann, J. Consumer friendly battery cavity designs 32992
Mann, J. *see* Chapman, J. 24097
Mann, K., Hopfmuller, A., Gorzellik, P., Schild, R., Stoffler, W., Wagner, H., Wolbold, G. Monitoring and shaping of excimer laser beam profiles 3749
Mann, K., Mellor, J., McElroy, F. Precedence sequence selection and buffer allocation for fast packet switch traffic control 5157
Mann, L.A. *see* Pao, T.L. 13506
Mann, L.L., Matikas, T.E., Karpur, P., Krishnamurthy, S. Supervised backpropagation neural networks for the classification of ultrasonic signals from fiber microcracking in metal matrix composites 9811
Mann, R. *see* Clevenger, L.A. 27574
Mann, R.F. *see* Amphlett, J.C. 25666
Mann, S.J. *see* Eiranova, A. 23436
Mann-Buxbaum, E. *see* Hawa, G. 6600
Manna, D. *see* Mathur, P. 23076
Manna, I., Jung, L., Bhattacharya, S., Banerjee, S. New pin MOSFET structure for hot carrier suppression 42932
Manna, I. *see* Lahiri, S.K. 42965
Manna, I. *see* Lian, S. 9557
Manna, M. *see* Leblond, H. 12565
Mannaerts, J.P. *see* Choquette, K.D. 3605
Mannaerts, J.P. *see* Choquette, K.D. 27729
Mannaerts, J.P. *see* Guotong Du 12247
Mannaerts, J.P. *see* Hong, M. 28838
Mannaerts, J.P. *see* Hong, M. 42698
Mannami, M. *see* Fujii, Y. 9605
Mannan, S.H., Ekere, N.N., Lo, E.K., Ismail, I. Application of ink screening models to solder paste printing in SMT assembly 1738
Mannas, J.R., Joshi, S.P. Study of smart sensing elements in a dynamic stress field 23538
Mannell, R. The effects of presentation level on Sone, intensity-J.N.D. and decibel quantisation of channel vocoded speech 13068
Mannello, B. *see* Ferretti, G.F. 15883
Manner, O., Wagner, K.C., Ruile, W. Signal flow graph analysis of diffraction and reflection in SAW filters 2751
Manner, O. *see* Wagner, K.C. 11432
Manner, R. *see* Baur, R. 46897
Manner, R. *see* Klefenz, F. 15666
Manner, R. *see* Klefenz, F. 38892
Mannering, S. *see* Hoffman, E. 15145
Manney, S.L., Nakhla, M.S., Zhang, Q. Time domain analysis of nonuniform frequency dependent high-speed interconnects 26613
Manney, S.L., Nakhla, M.S., Zhang, Q. Transient analysis of nonuniform transmission lines using asymptotic waveform evaluation 29224
Mannheim, E., Alkire, R.C., Sani, R.L. Modeling of charge carrier transport in photoetching of semiconductors 2169
Mannheim, E., Alkire, R.C., Sani, R.L. Modeling of charge carrier transport in photoetching of gallium arsenide 34767
Mannikko, P.D. *see* Butler, C.M. 12703
Manninen, M. *see* Kahkonen, O.-P. 43319
Manninen, M. *see* Kaisto, I. 46622
Manning, C.D. Control of UPS inverters 47953
Manning, C.D. *see* Cliffe, R.J. 17067
Manning, C.D. *see* Holme, P.R. 16988
Manning, D.G. *see* Chung, T. 41519
Manning, K.R. Instruments for the automatic measurement of radius of curvature 46306
Manning, M. *see* Batra, S. 18720
Manning, M. *see* Sultan, A. 2024
Manning, P.A. *see* Watton, R. 31282
Manning, P.D. *see* Bailey, N.J. 14859
Manning, R.J. *see* Patrick, D.M. 30748
Manning, R.J. *see* Patrick, D.M. 37973
Manno, D. *see* Di Giulio, M. 9708
Manno, I. *see* Ranucci, G. 24062
Manno, R., Dugan, D. The dream and reality of automated wiring systems 40379
Manno, R. *see* Wolf, W. 18638
Mannoh, M. *see* Ban, Y. 3678
Manock, J.C. *see* Clech, J.-P. 34375
Manock, J.C. *see* Clech, J.-P. 41017
Manohar, M. *see* Langdon, G. 13562
Manoharan, H.C. *see* Kurdak, C. 28198
Manoj, V.M., Suresh Babu, E. PC based telemetry data acquisition and analysis system of a satellite launch vehicle 7574
Manolakis, D.E., Lefas, C.C. Aircraft geometric height computation using secondary surveillance radar range differences 46089
Manolakos, E.S. *see* Stellakis, H.M. 1268
Manolakos, E.S. *see* Stellakis, H.M. 45029
Manoli, S.H. A portable instrument for phonocephalography 7351
Manoli, Y. *see* Kersjes, R. 7321
Manolis, J. *see* Purdy, J.A. 39092
Manoliu, R. *see* Heilbronn, B. 24818
Manoliu, R. *see* McGillis, D. 7889
Manoni, G. *see* Bardelli, L. 30989
Manoni, G. *see* Bardelli, L. 38280
Manore, M. *see* Ramsay, B. 32104
Manory, R. *see* Weiser, P.S. 861
Manov, D. *see* Dickey, T.D. 7636
Manring, E.B., Asmussen, J., Jr. Useful Bessel function identities and integrals 17984
Manring, W.A. *see* Bouchard, F. 19672
Manrique, C.G. Bringing the world into the classroom via electronic mail 30354
Manry, M.T., Guan, X., Apollo, S.J., Allen, L.S., Lyle, W.D., Gong, W. Output weight optimization for the multi-layer perceptron 21900
Manry, M.T. *see* Saifullah, Y. 29788
Manry, M.T. *see* Wei Gong 22044
Mansanares, A.M., Fournier, D., Boccara, A.C. Temperature measurements of telecommunication lasers on a micrometre scale 12148
Mansanares, A.M., Roger, J.P., Fournier, D., Boccara, A.C. Temperature field determination of InGaAsP/InP lasers by photothermal microscopy: evidence for weak nonradiative processes at the facets 20812
Mansart, D. *see* Mage, J.C. 27137
Mansfield, C. *see* Sullivan, J.A. 3426
Mansfield, D. *see* Herman, M.H. 28623
Mansfield, E. *see* Ntuen, C.A. 7523
Mansfield, G., Jayanthi, K., Higuchi, K., Johannsen, T., Nemoto, Y., Noguchi, S. Mapping communication networks in the directory 14140
Mansfield, J.P., Lyle, R.P., Voorhees, D., Wodicka, G.R. An acoustical guidance and position monitoring system for endotracheal tubes 31893
Mansfield, P. *see* Harvey, P.R. 24231
Mansfield, R.L. *see* Young, I. 27004
Mansfield, W.M. *see* Tichenor, D.A. 27831
Mansingh, A. *see* Sharma, H.B. 2711
Mansingh, V., Hassur, K. Thermal analysis of a pin grid array package 376
Manson, A.H. *see* Nakamura, T. 7613
Manson, T.J. *see* Pullen, J.L. 47163
Mansour, B.A., Demian, S.E., Shaban, H., El Akkad, F. Photoelectric properties of undoped and lithium-doped $Zn_{1-x}Mg_xTe$ alloys 28601
Mansour, H. *see* Chen, S.Y. 31908
Mansour, M. *see* Bauer, P. 10296
Mansour, M.M. *see* Soliman, H.F. 48164
Mansour, N. *see* Wang, Y. 23587
Mansour, N.S., Brennan, K.F. Theoretical investigation of different formulations of the electron-plasmon interaction under transient conditions 2465
Mansour, R.R. Dual-mode dielectric resonator filters with improved spurious performance 1425
Mansour, R.R., Rammo, F., Dokas, V. Design of hybrid-coupled multiplexers and diplexers using asymmetrical superconducting filters 1483
Mansour, S.F. *see* Wafik, A.H. 2801
Mansour, Y. *see* Even, S. 12976
Mansour, Y. *see* Fekete, A. 22627
Mansour, Y. *see* Garay, J.A. 5156
Mansour-Cole, D.M. *see* Kamath, R.R. 170
Mansouri, L. *see* Buhmann, H. 42851
Mansson, L.G., Wallstrom, E., Mattsson, S. Relations between effective dose, effective dose equivalent, area-kerma product, and energy imparted in chest radiography 24378
Mansuripur, M. *see* Bernacki, B.E. 2935
Mansuripur, M. *see* Bernacki, B.E. 20142
Mansuripur, M. *see* Bernacki, B.E. 35317
Mansuripur, M. *see* Hong Fu 43560
Mansuripur, M. *see* Hong Fu 43562
Mansurov, V.G. *see* Bykov, A.A. 19405
Mansurov, V.G. *see* Bykov, A.A. 43617
Mansurov, V.V., Mironov, B.M. Algorithm for elimination of redundancy of radar images 6100
Mantaci, R. On the anti-exceedance distribution in a symmetrical group in its sub-groups 519
Mantalas, L.C. *see* Corle, T.R. 34868
Mantegna, R.N., Spagnolo, B. Stochastic resonance in a tunnel diode 42856
Mantei, T.D. *see* Gadgil, P.K. 42669
Manthopoulos, H.K. *see* Roumeliotis, J.A. 4061
Manthopoulos, V.K. *see* Roumeliotis, J.A. 4061
Manthorpe, S. Buffering and packet loss in the DQDB to ATM Interworking Unit 13866
Manthravadi, P. *see* Tyagi, A. 43087
Mantia, A.La *see* La Mantia, A.
Mantica, P.F. *see* Joshi, P.K. 7209
Mantl, S. Materials aspects of ion beam synthesis of epitaxial silicides 33596
Mantl, S., Michel, I., Guggi, D., Bay, H.L., Mesters, S. Formation of epitaxial $Si/CoSi_2/Si(100)$ heterostructures using allotaxy 18146
Mantl, S. *see* Hollander, B. 27658
Mantl, S. *see* Jebasinski, R. 10880
Mantl, S. *see* Muller, M. 2022
Mantl, S. *see* Muller, O. 19411
Mantl, S. *see* Radermacher, K. 2079
Mantl, S. *see* Radermacher, K. 27554
Mantl, S. *see* Radermacher, K. 27566
Mantl, S. *see* Schuppen, A. 27582
Mantle, H. *see* Curtis, B.J. 2866
Mantooth, A. *see* Chwirka, S. 17585
Mantulin, W.W. *see* Gratton, E. 15700
Mantyla, R., Hammainen, H. Uniform integration of voice in groupware 30341
Mantyssalo, J., Torkkola, K., Kohonen, T. Mapping context dependent acoustic information into context independent form by LVQ 44773
Manuilov, I. *see* Autiero, D. 15630
Manuilov, V.N., Raiskii, B.V., Tsimring, Sh.E. Calculation of stationary electron beams with space-charge-limited current 12527
Manukyan, A.G. *see* Karayan, G.S. 34564
Manxia Tie *see* Tie Manxia
Manyika, J.M., Durrant-Whyte, H.F. An information-theoretic approach to management in decentralized data fusion 44644
Manykin, E., Zakharov, S. Methods of optical information processing based on the accumulated stimulated and modified stimulated photon echo 12345
Manykin, E.A., Znamensky, N.V., Marchenko, D.V., Petrenko, E.A., Selifanov, M.A. Elaboration of rapid data erasure methods in an optical storage device based on the photon echo effect 2944
Manykin, E.A. *see* Zakharov, S.M. 35977
Manz, A. *see* Fettinger, J.C. 14966
Manz, L.B. Specifying a motor for use on an adjustable speed drive from the motor designer's point of view 8806
Manzanilla, R. *see* Castor Gonzalez, G. 26387
Manzari, V. *see* Beker, H. 7152
Manzer, A.M., Sejnoha, R., Steed, R.G., Whynot, T., Graham, N.A., Barr, A.P., Carter, T.J. Fuel defect investigation at Point Lepreau 8084
Manzini, G. *see* Codenotti, B. 26327
Manzone, G. *see* Serra, L. 20843
Manzoni, G., Thione, L. ENEL project on 'electrical storage systems for stationary and transport applications' 48199
Mao, B.-Y., Nielsen, J.A., Friedman, R.A., Lee, G.Y. The applications of citric acid/hydrogen peroxide etching solutions in the processing of pseudomorphic MODFETs 43020
Mao, C. *see* Fassina, P. 25800
Mao, E., Lu, Z.H., Kim, B.W., McCormick, T., Oh, E.G., Majerfeld, A. Very high quality GaAs/AlGaAs multiple quantum well structures grown by atmospheric pressure MOVPE 1888
Mao, G. *see* Gabor, A.H. 11008
Mao, J.C. *see* Zhang, L.Z. 19572
Mao, S. *see* Lin, P. 4720
Mao, S.N. *see* Wei-lou Cao 28406
Mao, W., Ciletti, M.D. Robustness enhancement and detection threshold reduction in ATPG for gate delay faults 1187
Mao, W. *see* Boyd, C. 29494
Mao, W. *see* Gulati, R.K. 2664
Mao, Y., Krier, A. Liquid phase epitaxial growth and photoluminescence in InAsSb grown on GaSb substrates from antimony solution 9527
Mao, Z., De Vidts, P., White, R.E., Newman, J. Theoretical analysis of the discharge performance of a $NiOOH/H_2$ cell 25659
Mao, Z.M., Huang, W.P. An ARROW optical wavelength filter: design and analysis 11656
Mao, Z.M. *see* Huang, W.P. 44503
Mao Bao Xi *see* Xi Mao Bao
Mao Baohua *see* Bao Ximao 27623
Mao Chengsheng *see* Chengsheng Mao
Mao Duli *see* Duli Mao
Mao Ganru *see* Zhang Weixin 23563
Mao Jinchang *see* Fu Jishi 48111
Mao Jinghuai *see* Ye Yukang 1575
Mao Junfa, Li Zhengfan Time-domain response analysis of nonuniform multiconductor transmission lines by the waveform relaxation method 12651
Mao Naifeng *see* Naifeng Mao
Mao Naibong *see* Jiao Yongchang 12779
Mao Shiyi *see* Shiyi Mao
Mao Wong Ming *see* Wong Ming Mao
Mao Ye, Peng-Ye Wang, Jian-Hua Dai, Hong-Jun Zhang Vector phase conjugation by degenerate four-wave mixing in a nematic liquid crystal film 21013
Mao Yu, Zhu Weihua, Wang Zhishan, Chen Hanmin, Xu Jianbo Installation, adjustment and aberration control of a scanning proton microprobe 10634
Mao Yufang, Guo Zhaoqiao, Zhang Xiufeng The study of the silicon microstrip detector 7214
Mao-Chao Lin Constant weight codes for correcting symmetric errors and detecting unidirectional errors 21636
Mao-Chieh Chen *see* Bin-Shing Chen 1886
Mao-Chieh Chen *see* Fann-Mei Yang 2235
Mao-Chieh Chen *see* Fann-Mei Yang 27787
Mao-Chuan Tang *see* Kuo, J.B. 34955
Mao-Hua Zhu *see* Zhu Mao-Hua
Mao-Sheng Cao *see* Cao Mao-Sheng
Mao-Song Yen *see* Yi-Qun He 7835
Maobin Yi *see* Yi Maobin
Maoheng Liu *see* Liu Maoheng
Maoli, R. *see* Beaudin, G. 23251
Maoli, R. *see* Leridon, B. 11545
Maolin Yu *see* Yu Maolin
Maoquan Huang *see* Huang Maoquan
Maoren Xiong *see* Dunzhuo Dong 28306
Maouche, M. *see* Bettaz, M. 13911
Mapelli, L. *see* Ambrosini, G. 38419
Mapelli, L. *see* Ambrosini, G. 38898
Maple, M.B. *see* Weir, S.T. 28395
Mappes, B. *see* DeLaus, M. 35095
Mapps, D.J. *see* Donnelly, T. 43301
Mapps, D.J. *see* Wilton, D.T. 43314
Mar, A., Helkey, R., Reynolds, T., Bowers, J., Botez, D., Zmudzinski, C., Chan Tu, Mawst, L.

Mode-locked multisegment resonant-optical waveguide diode laser arrays 43914
Mar, A. *see* Cheng, W.-H. 12150
Mar, A. *see* Helkey, R. 20870
Mar, A. *see* Helkey, R. 20896
Mar, A. *see* Levy, S. 23053
Mar, D.J., Westervelt, R.M., Hopkins, P.F. Cryogenic field-effect transistor with single electronic charge sensitivity 28199
Marable, D.L. *see* Castella, F.R. 29464
Maracas, G.N., Shiralagi, K., Ramamurti, R., Carpenter, R.W. A comparison of As and P-based semiconductors grown at low temperatures by MBE and OMMBE 43602
Maracas, G.N., Shiralagi, K.J., Puschner, R.A., Yu, T., Choi, K.J., Bow, I.S., Ramamurti, R., Kim, M.J., Carpenter, R.W. Growth and characterization of low temperature InP by gas source MBE 746
Maraghechi, B. *see* Willett, J.E. 28894
Maraghiano, A. *see* Bixio, A. 15508
Maragos, P., Kaiser, J.F., Quatieri, T.F. Energy separation in signal modulations with application to speech analysis 12984
Maragos, P. *see* Bovik, A.C. 12838
Maragos, P. *see* Bovik, A.C. 44961
Maragos, P. *see* Bovik, A.C. 45014
Maragos, P. *see* Havlicek, J.P. 29599
Maragudakis, M. On the probability that two vectors have no common components 21785
Marakhtanov, M.K. *see* Alekseev, D.N. 38796
Maral, G. *see* Caunes, J.P. 22918
Maranda, B.H., Fawcett, J.A. Localization of a maneuvering target using simulated annealing 6159
Maranda, B.H., Fawcett, J.A. The localization accuracy of a horizontal array observing a narrowband target with partial coherence 44882
Maranda, B.H. *see* Fawcett, J.A. 6157
Marandola, O. *see* Fratelli, L. 17066
Maranesi, P. *see* Legnani, M. 16967
Marannino, P. *see* Granelli, G. 24696
Marannino, P. *see* Granelli, G.P. 16161
Marantidis, C., Gentry, J.D., Kudva, J.N. Sensor and sensing technologies for structural health monitoring of aircraft 38388
Marantidis, C. *see* Kudva, J.N. 38487
Marapane, S.B., Trivedi, M.M. An active vision system for depth extraction using multi primitive hierarchical stereo analysis and multiple depth cues 22240
Maras, E.M.K., Sharma, R.R., Seetha, A., Upadhyaya, N., Padmini, V.N., Umapathy, C.N., Prasad, N.L., Murthy, N.S.R., Sreenivasaiah, K.V., Kasturirangan, K., Rao, U.R. The gamma-ray burst experiment onboard the SROSS-C satellite 47018
Maras, A.M. Locally optimum Bayes detection in ergodic Markov noise 44945
Maras, A.M. *see* Bladounis, I. 18758
Maras, M.C. *see* Meligi, A.I. 12605
Marasco, P.L., Dereniak, E.L. Uncooled infrared sensor performance 41281
Marasek, K., Nowicki, A. Bias and standard deviation of digital mean and maximum Doppler frequency estimators 34119
Marathe, B.R. *see* Agashe, C. 868
Marathe, B.R. *see* Razati, S.M. 872
Marathe, B.R. *see* Razati, S.M. 43678
Marattukulam, D. *see* Karady, G.G. 24681
Marbach, J.R., Sontag, M.R., van Dyk, J., Wolbarst, A.B. Management of radiation oncology patients with implanted cardiac pacemakers: report of AAPM Task Group No. 34 49089
Marbach, R. *see* Frank, H.-P. 42636
Marc, F., Fremont, H., Jounet, P., Danto, Y., Barrere, M. Functional localization in integrated circuits by signal selective voltage contrast in a scanning electron microscope 44054
Marceau, R.J., Maillhot, R., Galiana, F.D. A generalized shell for dynamic security analysis in operations planning 24852
Marcek, A., Tomasovic, I. Integer cosine transform [image processing] 30121
Marcek, A. *see* Tomasovic, I. 18882
Marcelli, M. *see* Betti, S. 3941
Marcelli, R., De Gasperis, P. Nonlinear propagation of short microwave pulses in magnetostatic volume wave delay lines 43127
Marcellin, M.W., Sriram, P., Kai Luong Tong, Transform coding of monochrome and color images using trellis coded quantization 31966
Marcellin, M.W. *see* Orcutt, P.K. 16518
Marcellin, M.W. *see* Orcutt, P.K. 16519
Marcello, S. *see* Antonelli, A. 24054
Marcenat, F. *see* Legras, R. 44876
March, H.T. *see* Tilson, P.G. 16494
March, C. *see* Montoya, A. 6601
March, R. *see* Grajewe, G. 47614
March, R.H. Polygons of resistors and convergent series 91
March Leuba, J., Rey, J.M. Coupled thermohydraulic-neutronic instabilities in boiling water nuclear reactors: a review of the state of the art 16393
Marchal, A., Meunier, C., Masse, D. Hyperbaric speech intelligibility: results of an analysis-synthesis method using PSIT DEPT CDROM speech samples 14012
Marchal, A. *see* Hardcastle, W.J. 14052
Marchal, G. *see* Vandermeulen, D. 49031
Marchal, G. *see* Verbeeck, R. 24210
Marchal, G. *see* Wevers, M. 18370
Marchand, C. *see* Bertin, P.Y. 38937
Marchand, P. Planar sector-beam antenna for point to multipoint systems around and above 10 GHz 14446
Marchand, P. 38 GHz transceiver design: a choice 14523
Marchand, P. *see* Abela, R. 15388
Marchand, P. *see* Brillard, J.N. 22791
Marchand, P. *see* Legeard, L. 11581
Marchand, P.J., Marsden, G.C., Esener, S.C. Optical Transpose Interconnection System 20471
Marchant, C.J. *see* Knight, R.P. 25191
Marchant, J. *see* Abbott, B. 7245
Marchant, J. *see* Abbott, B. 31776
Marchenko, B.G., Shcherbak, L.N. Problems of moments and cumulative analysis 45022
Marchenko, D.V. *see* Manykin, E.A. 2944
Marchese, A. *see* Antola, A. 19946
Marchese, M. *see* Bolla, R. 5171
Marchese, V. *see* Bonicelli, T. 8580
Marchesin, A. *see* Bachelet, B. 45715
Marchesini, R. *see* Spinelli, P. *(editor)* 63
Marchesoni, M., Mazzucchelli, M. Multilevel converters for high power AC drives: a review 17029
Marchesoni, M. *see* Bertini, S. 40594
Marchesoni, M. *see* Tracchia, M. 1039
Marchesoni, M. *see* Ghiara, T. 48301
Marchetta, C., Miele, G., Montanino, M., Patrizio, S. The management of technological innovation procedures and instruments for technology transfer in Europe 192
Marchetti, G.M. *see* Kiers, H.A.L. 41141
Marchetti, S., Botta, F., Simili, R. High power ns FIR Raman pulses in NH_3 pumped by a short pulse tail free CO_2 oscillator 3450
Marchetti, S., Simili, R., Giorgi, M. Mixing effect in the NH_3 absorption and MIR emission spectra pumped by a continuously tunable CO_2 laser 3449
Marchetti, U. *see* Anagni, F. 17104
Marchi, A.De *see* De Marchi, A.
Marchi, M., Rivetti, G. New developments in the safety and operation of electrical installations 47823
Marchi, M. *see* Boatto, C. 25578
Marchildon, L. *see* Abdulnour, J. 46340
Marchilhac, B. *see* Mage, J.C. 27147
Marchiondi, M., Bracher, P. New concept for data transmission between substations. Success ful laying of an earth cable with fibre optics owing to integral quality assurance 8721
Marchis, G.De *see* De Marchis, G.
Marchisio, P. *see* Franceschini, G. 22660
Marchman, H.M., Vaidya, S., Pierrat, C., Griffith, J. Metrology for phase-shifting masks 27928
Marchman, H.M. *see* Griffith, J.E. 27927
Marchywka, M., Binari, S.C., Moses, D. Observation of charge storage in diamond MIS capacitors 34630
Marchywka, M., Pehrsson, P.E., Vestyck, D.J., Jr., Moses, D. Low energy ion implantation and electrochemical separation of diamond films 19514
Marchal, F. *see* Warschal, J. 7794
Marcial, M.B. *see* Monta, I. 19049
Marcillac, P.De *see* De Marcillac, P.
Marciniak, M. *see* Aramaki, S. 11657
Marco, M.di *see* di Marco, M.
Marco, R.De *see* De Marco, R.
Marco, S., Ruiz, O., Samitier, J., Morante, J.R., Bausells, J. Relation between electrical conductivity and structural characteristics in boron-doped LPCVD polycrystalline silicon used in sensor devices 1824
Marco, S., Samitier, J., Morante, J.R., Gotz, A., Esteve, J. Three-dimensional structures obtained by double diffusion and electrochemical etch stop 27706
Marco, S., Samitier, J., Ruiz, O., Hernu, A., Morante, J.R. Analysis of electrostatic damped piezoresistive silicon accelerometers 6401
Marco, S. *see* Lopez Villegas, J.M. 27705
Marco, S.Del *see* Del Marco, S.
Marcoli, A. *see* Galliano, G. 19691
Marcon, C.A. *see* Carro, L. 1241
Marconato, R. State of the art of ENEL package for the analysis and the control of the electric power system in the presence of dynamic phenomena 32280
Marcone, G. *see* Bellifemine, F. 43842
Marconi, P.F. *see* Bartoluzzi, M. 48052
Marconi, U. *see* Bertin, A. 41795
Marcos, S. *see* Dreyfus, G. 46643
Marcotte, D.L. *see* Hardwick, C.D. 19233
Marcotte, K.E. *see* Johnson, R.M. 25708
Marcotte, R.A., Neiberg, M.J., Schoen, J.M. System level applications of model-based diagnostic reasoning 26561
Marcotte, R.A., Piazza, R.L., Sayko, M.S. Using VHDL design models to support diagnosis 41096
Marcoux, L. Development of a rechargeable Li/SO$_2$ battery 17202
Marcoux, P. *see* Albert, R. 43425
Marcoux, P.P. Worldwide techniques to implement fine pitch surface mount technology 33360
Marcoux, P.P., Richmond, D. The Micro SMT package for surface mount and multichip module applications 379
Marcoux, P.P., Richmond, D. A new packaging technology for surface mount and multichip module application 33375
Marcozzi, P. *see* Moghe, F. 29253
Marcus, C.M., Westervelt, R.M., Hopkins, P.F., Gossard, A.C. Conductance fluctuations and quantum chaotic scattering in semiconductor microstructures 42490
Marcus, D. *see* Eschenauer, M. 31817
Marcus, M.A. *see* Barr, D.L. 33721
Marcus, M.A. *see* Benton, J.L. 10842
Marcus, S., Colella, B.D., Green, T.J., Jr. Solid-state laser synthetic aperture radar 46103
Marcus, S. *see* Srinivas, D. 41486
Marcus, S.D., Foster, R.F. Characterization of low pressure chemically vapor-deposited tungsten nitride films 9772
Marcuse, D. Pulsing behavior of a three-level laser with saturable absorber 35729
Marcuse, D. Bend loss of slab and fiber modes computed with diffraction theory 43457
Marcuta, C. *see* Goras, L. 10374
Marczynski, T.J. *see* Szabo, I. 7424
Mardapittas, A.S., Rakowski, R.T., Kezos, A., Jones, B.E. Quality inspection of grooves using ultrasonic beams 47293
Mare, M.De *see* De Mare, M.
Marechal, X. *see* Chavanne, J. 7108
Maree, C.H.M. *see* Ouwens, J.D. 26483
Mareels, I.M.Y. *see* Hill, D.J. 39470
Marek, J.R., MacGillivray, J. A method for reducing run-times of out-of-core FDTD problems 41224
Marek-Sadowska, M. *see* Chen, B. 18648
Marek-Sadowska, M. *see* Chen, B.D. 18411
Mares, J. *see* Stursa, J. 15406
Mares, V., Schraube, H. Evaluation of the response matrix of a Bonner sphere spectrometer with LiI detector from thermal energy to 100 MeV 31796
Maresca, M. *see* Davoli, F. 45459
Maresov, A.G. *see* Kulikov, V.A. 46398
Marforio, R., De Paoli, L. Recycle and disposal of batteries for electric vehicles: environmental aspects 48209
Margara, L. *see* Codenotti, B. 26327
Margarian, A.T. *see* Ispirian, K.A. 15631
Margaritondo, G. *see* McKinley, J.T. 44082
Margaryan, A., Liu, W.-M. Prospects of using germanium-dioxide-based glasses for optics 2932
Margaryan, A.L. *see* Arutyunyan, V.M. 40393
Margat, C., Attal, J., Damiblin, J.L., Desplanque, J., Fino, B., Lompech, M.N. The development context mobile communications 14451
Margato, E. *see* Santana, J. 16841
Margesin, B. *see* Lui, A. 24030
Margetis, S. *see* Bachler, J. 46934
Margi, M. *see* Manevitz, L. 18109
Margich, U. *see* Dirks, C. 1697
Margineda, J. *see* Molla, J. 15166
Margitfai, A. *see* Pakulski, G. 35820
Margo, V.A. *see* Gross, J.H. 12639
Margolin, R.A. *see* Zijlenbos, A.P. 39005
Margot, J., Moisan, M. Characteristics of surface-wave propagation in dissipative cylindrical plasma columns 4142
Margrave, J.L. *see* Zhu, M. 33750
Marguerre, H. Explore nature for innovative techniques 9364
Margulies, J. *see* Anderson, G. 38901
Margulies, S., Chung, M. Effects of a high-energy X-ray irradiation of selected scintillating fibers 24070
Margulies, S. *see* Abbott, B. 7245
Margulies, S. *see* Abbott, B. 31776
Margulies, S. *see* Chung, M. 24071
Margulies, S. *see* Young, B.A. 24033
Margulis, W. *see* Vermelho, M.V.D. 3761
Margutti, G. *see* Bencze, G.L. 38858
Marhefka, R.J. *see* Constantinides, E.D. 21212
Marhefka, R.J. *see* Ivrissimtzis, L.P. 36143
Marheukel, H. *see* Jopp, K. 25089
Marhic, M.E. Coherent optical CDMA networks 6064
Marhic, M.E., Lee, S.G. Mirror-folded free-space crossbars with holographic implementation 21094
Marhic, M.E. *see* Lee, S.G. 29041
Maria, C.C. *see* Diaz, J. 33268
Maria, L.De *see* De Maria, L.
Mariage, P., Lienard, M., Degauque, P. Theoretical and experimental approach of the propagation of high frequency waves in road tunnels 44360
Mariani, C. *see* De Renzi, V. 42780
Mariani, J.J. Automated voice dictation in French 4513
Mariani, J.L. *see* Zahorski, D. 11282
Mariaineau, G. *see* Brendel, R. 20088
Marie, S.V., Kostic, Z.L., Titlebaum, E.L. A new family of optical code sequences for use in spread-spectrum fiber-optic local area networks 5568
Maricevic, Z.A. *see* Sarkar, T.K. 10400

Maricevic, Z.A. *see* Sarkar, T.K. 12747
Maricevic, Z.A. *see* Sarkar, T.K. 44507
Maricot, S., Vilcot, J.P., Decoster, D., Renaud, J.C., Rondi, D., Hirtz, P., Blondeau, R., de Cremoux, B. Reactively matched optoelectronic transceivers on InP substrate for 6 GHz operation 5952
Maricot, S. *see* Elkadi, H. 3603
Marie, A. *see* Le Roux, P. 37994
Marie, X. *see* Fromont, J. 13893
Marieb, T.N. *see* Besser, P.R. 34804
Marieb, T.N. *see* Vinci, R.P. 34823
Mariella, R.P., Jr. *see* Morse, J.D. 3338
Marietti, P. *see* D'Agostino, S. 5756
Marigodov, V.K. Game-theoretic synthesis of optimal linear signal-filtering systems 13192
Marigodov, V.K. *see* Is'kiv, E.P. 45023
Marija, S. Performance of nuclear power plant or automated system depends on operator's availability 39801
Marilley, P.-L., Perret, N. The audiotex services in Switzerland 37253
Marimuthu, P. An exact analysis of prioritized bus arbitration protocol 13916
Marin, B. *see* Pirs, J. 15152
Marin, F. *see* Tino, G.M. 35867
Marin, M. *see* Abella, C. 29315
Marin, M. *see* Abella, C. 29328
Marin, M. *see* Abella, C. 29396
Marin, M. *see* Bixio, A. 15508
Marin, P. *see* Gomez-Polo, C. 43279
Marin, P. *see* Vazquez, M. 43283
Marin, P.C. *see* Level, M.-P. 15290
Marincek, M., Lukac, M. Development of EM field in lasers with rotating mirror *Q*-switch 35730
Marinelli, C. *see* Atutov, S.N. 43890
Marinelli, M. *see* Cavagnetto, F. 7503
Marinescu, C., Marinescu, D. A new starting method for the induction motor 40183
Marinescu, D. *see* Marinescu, C. 40183
Marinescu, L. *see* Dobrescu, S. 46818
Marinetti, S. *see* Bison, P.G. 6835
Marini, D. *see* Canesi, A. 33140
Marini, M., Odoardi, G.L., Bolle, G., Tartaglia, P. Duplex-doppler spectral analysis in the physiopathology of the temporomandibular joint 39007
Marinin, Yu.S. *see* Artamonov, V.Yu. 40187
Marinko, J., Kols, M. Electro-optical study of streaming electrification 11385
Marino, J.B. *see* Bonafonte, A. 13121
Marino, J.B. *see* Monte, E. 13130
Marino, P., del Rio, A. An accurate and fast CSMA/CD simulator 22570
Marino, P., Meo, S., Scarano, M. A stochastic controller for anti-skidding microprocessor system 8954
Marino, P. *see* Di Stefano, R. 48317
Marino, S.A. *see* Bor-Yeu Tsaur 46446
Marinoni, G. *see* Manassero, G. 3946
Marinos, Z.A., Pereira, J.L.R., Carneiro, S., Jr. Fast harmonic power flow calculation using parallel processing 32172
Marinos, Z.A., Pereira, J.L.R., Carneiro, S.Jr. A parallel processing approach for harmonic power flow 7715
Marinozzi, F. *see* Branca, F.P. 15689
Marioli, D. *see* Crescini, D. 46345
Marion, R. *see* Kahn, F.J. 6699
Mariotte, F., Engheta, N. Reflection and transmission of guided electromagnetic waves at an air-chiral interface and at a chiral slab in a parallel-plate waveguide 36338
Mariotti, E. *see* Atutov, S.N. 43890
Mariotti, M. *see* Amidei, D. 46890
Mariotti, M. *see* Bedeschi, F. 38912
Mariotti, M. *see* Tkaczyk, S. 46989
Mariottini, C. *see* Gusmeroli, V. 38528
Mariotto, G. *see* Pavesi, L. 28658
Mariotto, G. *see* Pavesi, L. 35616
Maris, M.B. *see* Gratton, E. 15700
Maristany, A.G. *see* Funck, J.W. 6787
Maritan, C. *see* Knight, D.G. 18152
Maritan, C. *see* Pakulski, G. 34871
Mariton, M. *see* Hersen, B. 5078
Maritsas, D.G. *see* Vasilakos, A.V. 5461
Mariucci, L. *see* Foglietti, P. 11223
Mariucci, L. *see* Fortunato, G. 10783
Mariucci, L. *see* Fortunato, G. 34992
Mariucci, L. *see* Pecora, A. 34967
Mariutti, G.F. *see* Xu, Y. 15167
Mark, J., Tessler, N., Eisenstein, G., Mork, J. Broadband femtosecond pump-probe setup operating at 1300 and 1550 nm 43898
Mark, J. *see* Christensen, B. 30835
Mark, J. *see* Christensen, B. 38081
Mark, J. *see* Mork, J. 3653
Mark, J. *see* Willatzen, M. 20857
Mark, J.W. *see* Lee, H. W. 5155
Mark, J.W. *see* Ren, J.-F. 37653
Mark, M.B. *see* Overbeck, J.A. 14710
Mark, M.B.van der *see* van der Mark, M.B.
Mark, R.G. *see* Chow, H.-S. 24310
Mark, R.G. *see* Jager, F. 24318
Markandey, V. Moving target detection from a moving sensor 45170
Markandeya, S.G. *see* Haware, S.K. 16619
Markarian, G., Honary, B., Darnell, M. Code design for a specified power spectrum 4422
Markarian, G. *see* Darnell, M. 44416
Markarian, G. *see* Honary, B. 21512
Markarian, G.S. *see* Honary, B. 4378
Markarian, G.S. *see* Naderi, M. 4415
Markas, T., Reif, J. Multispectral image compression algorithms 4852
Markas, T. *see* Royals, D.M. 1254
Markatos, S. *see* Tzelepis, V. 44077
Markelov, N.A. *see* Milovskii, N.V. 12054
Markelov, V.A. *see* Gelikonov, V.M. 20603
Marker, A.J., III, Hayden, J.S., Campbell, J.H. Engineering of glass for optimized optical and physical properties 28425
Markert, H. *see* von Gentzkow, W. 18317
Markert, L.C. *see* Lee, N.-E. 34502
Markey, B.J. *see* Paul, D.K. 3140
Markey, J. *see* Levin, C. 7154
Markey, J. *see* Levin, C. 15621
Markgraf, B., Schmidinger, J. Automated diesel power station assures reliability of supply on the Canadian Iles de la Madeleine 25241
Markham, J.R., Kinsella, K., Carangelo, R.M., Brouillette, C.R., Carangelo, M.D., Best, P.E., Solomon, P.R. Bench top Fourier transform infrared based instrument for simultaneously measuring surface spectral emittance and temperature 6680
Markhauser, C.P. A cost effective time domain TV ghost canceling system simulator 38246
Marki, M. *see* Schryber, U. 6907
Markin, E.A. *see* Savvateev, Yu.I. 4769
Markina, J.S. *see* Capeans, M. 24060
Markle, D.A. *see* Jeong, H. 27938
Markle, D.A. *see* Owen, G. 27842
Markle, R. *see* Busselman, B. 10929
Markle, R.J. *see* Moinpour, M. 853
Markley, F. *see* Harmon, J.P. 24020
Markley, J. *see* Dundas, M.E. 31332
Markstorfer, P. *see* Bauer, J. 33065
Markstorfer, P. *see* van den Berg, R. 17390
Marklund, P. *see* Branceschi, O. 30993
Marko, B. *see* Bennington, B. 37688
Marko, E. InP optoelectronics devices and photonic integrated circuits for high speed packet switching 3393
Marko, J. *see* Weiner, G. 14248
Markosek, A. *see* Hrovat, M. 10515
Markou, A. *see* Adam, W. 7259
Markou, A. *see* Adam, W. 31715
Markou, A. *see* Adam, W. 46929
Markou, A. *see* Angelini, F. 46951
Markou, C. *see* Foster, B. 31714
Markoulidakis, J.G., Sykas, E.D. Model for location updating and handover rate estimation in mobile telecommunications 5754
Markoulidakis, J.G., Sykas, E.D. Method for efficient location area planning in mobile telecommunications 22797
Markov, B.A., Poezd, A.D. Nonstationary self-consistent model of autoelectronic emission from a metal cathode 1780
Markov, N.E. *see* Golovin, O.V. 22767
Markov, V. *see* Efimov, S. 15384
Markov, V.A. *see* Yakimov, A.I. 42489
Markov, V.B. *see* Zherdienko, V.V. 44101
Markov, Yu.N., Antonova, I.V., Akhmadeev, M.Kh., Faizrakhmanov, R.Kh., Zhestkov, V.V. Broadband interference filters 3299
Markov, Yu.N. *see* Banakova, I.V. 41606
Markov, Yu.V. *see* Lebedev, S.F. 14362
Markov, Yu.V. *see* Lukin, I.A. 14610
Markova, N.V. *see* Bezotosnyi, V.V. 43942
Markova, S.V., Pavlenko, Yu.P., Petrash, G.G. Laser on a self-terminated transition of mercury ion 11953
Markova, V.P. Electrooptical implementation of a cell multiplier 28561
Markovic, A. *see* MacDonald, B.A. 7261
Markovic, M.L., Fraissler, W.F. Short-term load forecast by plausibility checking of announced demand: an expert-system approach 7901
Markovich, V. *see* Boyko, C. 1740
Markovits, C. *see* Schryber, U. 6907
Markow, M.S., Rylander, H.G., III, Welch, A.J. Real-time algorithm for retinal tracking 31892
Marks, F.D., Jr., Atlas, D., Willis, P.T. Probability-matched reflectivity-rainfall relations for a hurricane from aircraft observations 15998
Marks, J. An international computer protocol standard is essential 37402
Marks, J. *see* Givens, J. 43093
Marks, J. *see* Pakulski, G. 35820
Marks, J. *see* Reinhardt, K. 34743
Marks, M.R. Fracture analysis of silicon die and ceramic package using fractography 9258
Marks, N.A. *see* McKenzie, D.R. 27502
Marks, R. *see* Graves, C.J. 15692
Marks, R.B. *see* Williams, D.F. 18995
Marks, R.D. Current high technology and information infrastructure initiatives 30283
Marks, R.F. *see* Farrow, R.F.C. 9525
Marks, R.J., II *see* El-Sharkawi, M.A. 16261
Marks, R.N., Halls, J.J.M., Bradley, D.D.C., Friend, R.H., Holmes, A.B. The photovoltaic response in poly(p-phenylene vinylene) thin-film devices 28655
Marks, T.J. *see* Wang, J.F. 44071
Marks-Wojciechowska, Z. *see* Kulesza, W. 4364
Marksberry, C.L. *see* Yamamura, T. 25356
Markstein, H.W. Fiber optics continues to mature 30812
Markunas, R.J. *see* Rudder, R.A. 856
Markus, H.A.W., Kleinpenning, T.G.M. Characterisation of MODFET's with 1/f noise 19885
Markus, K. *see* Abella, C. 29328
Markushevich, N.S. Voltage and VAR control in automated distribution systems 7928
Markussen, J.M. *see* Livengood, C.D. 39925
Marlard, T., Bezille, J., Janah, H., Becker, J. Influence of migration on the electrical properties of HV extruded cables 16360
Marleau, G. *see* Roy, R. 32621
Marlin, J. *see* Parsons, J.D. 728
Marlow, B.K., Greager, D.C., Kemp, R., Moore, M.B. Highly sensitive capacitance measurement for sensors 6463
Marlow, D.T. *see* Plunkett, T.R. 45376
Marlow, K.A. *see* Razaz, M. 36702
Marlowe, P. Carolina Power and Light, Roxboro DCS retrofit 16651
Marly, N., De Zutter, D., Pues, H.F. A surface integral equation approach to the scattering and absorption of doubly periodic lossy structures 36165
Marmouget, J.G. *see* Guimbal, P. 43975
Marn, J., Mavko, B., Stritar, A. Station blackout of Krsko Nuclear Power Plant: comparison of MAAP and MARCH results 39828
Marnane, W.P., Andonov, R. A systolic array to solve the knapsack problem 4420
Marnow, C.A. *see* Leanheart, S.J. 9268
Marock, M.L. *see* Meyerowitz, G.J. 10338
Marode, E. *see* Loveland, D.G. 40649
Maroli, C. *see* Piovella, N. 20923
Maroli, C. *see* Piovella, N. 43988
Marom, E. *see* Inbar, H. 4811
Marom, E. *see* Lebreton, G. 13510
Maron, G. *see* D'Avanzo, B. 38900
Maron, G. *see* Masoni, A. 15659
Maron, K. Schematic Telecom Network Plan with Grafico 5388
Marongiu, I., Musio, A., Serri, A. Induction motor drive controlled by a model reference technique 17478
Marongiu, I., Serri, A. Permanent magnets and synchronous reluctance motor drives with nonlinearities cancellations 8324
Marongiu, I. *see* Attaianese, C. 17422
Marongiu, I. *see* Locci, N. 8884
Marongiu, M.J. *see* Cosley, M.R. 42325
Marosi, E. *see* Harmony, T. 31914
Maroudas, D., Pantelides, S.T. Theoretical studies of electromigration in polycrystalline metal stripes 34831
Maroudas, D. *see* Brown, R.A. 41230
Maroulis, D., Dumas, G., Bougeret, J.L., Caroubalos, C., Poquerusse, M. The digital system ARTEMIS for real-time processing of radio transient emissions in the solar corona 31149
Marovic, D. *see* Zelenika, D. 45718
Marowsky, G., Canto-Said, E.J., Lehmann, S., Sieverdes, F., Bratz, A. Phase-matched second-harmonic generation in planar waveguides 28996
Marowsky, G. *see* Canto-Said, E.J. 12388
Marowsky, G. *see* Sieverdes, F. 12390
Marple, L., Brotherton, T., Pollard, T., Barton, R., Krieger, A. Application of time-frequency and time-scale analysis to underwater acoustic transients 21893
Marple, L. *see* Brotherton, T. 14733
Marquardt, C. *see* Bowman, S.R. 20727
Marquardt, J.H. *see* Johnson, K.F. 23986
Marquardt, R. *see* Fuhrer, W.M. 17024
Marquardt, U. *see* Leuschner, R. 11101
Marque, C. *see* Gondry, J. 7442
Marques, F. *see* Gasull, A. 22007
Marques, F.M.B. *see* Colomer, M.T. 17363
Marques, F.M.B. *see* Marques, R.M.C. 17362
Marques, G.D. *see* Verdelho, P. 17075
Marques, J.S. *see* Abrantes, A.J. 13147
Marques, R., Mesa, F., Horno, M. On the correct expansion of leaky modes of planar transmission lines in surface-wave waveguide modes 29247
Marques, R., Mesa, F.L., Horno, M. Nonreciprocal and reciprocal complex and backward waves in parallel plate waveguides loaded with a ferrite slab arbitrarily magnetized 21339
Marques, R. *see* Mesa, F. 12704
Marques, R.Ferreira *see* Ferreira Marques, R.
Marques, R.M.C., Frade, J.R., Marques, F.M.B. Ceramic materials for SOFC anode cermets 17362
Marques, R.M.C. *see* Colomer, M.T. 17363
Marquestaut, E. *see* Campet, G. 27489
Marquet, D. *see* Kazdaghli, A. 17046
Marquet, J. *see* Reperant, J. 47338
Marquet, J. *see* Robert, A. 24622
Marquez, E. *see* Dominguez, M. 42443
Marquez, J. *see* Corkidi, G. 7392
Marquez-Villegas, R.M., Parish, D.J., Atanga, F.J. Statistical monitoring of users of ATM networks for charging and network management purposes 14026
Marquie, D. *see* Zhang, L. 5434
Marquie, P., Bilbault, J.M., Remoissenet, M. Generation of envelope and hole solitons in an experimental transmission line 44485

Marquina, J.L. *see* Gimeno, B. 12574
Marquinez, F. *see* Alba, J.J. 32263
Marr, J.C., IV Performing the Galileo mission using the S-band low-gain antenna 45903
Marraccini, P. *see* Salvetti, O. 38979
Marrakchi, G. *see* Kalboussi, A. 18188
Marrian, C.R.K., Perkins, F.K., Brandow, S.L., Koloski, T.S., Dobisz, E.A., Calvert, J.M. Low voltage electron beam lithography in self-assembled ultrathin films with the scanning tunneling microscope 19696
Marrian, C.R.K. *see* Dobisz, E.A. 2319
Marrian, C.R.K. *see* Dobisz, E.A. 11038
Marrian, C.R.K. *see* Dobisz, E.A. 27948
Marrian, C.R.K. *see* Perkins, F.K. 27933
Marrisson, S. *see* Peterson, L. 2675
Marron, D.B. *see* Bartels, C.W. 7798
Marrone, M.J., Esman, R.D., Kersey, A.D. Fiber-optic magnetic field sensor with an orthoconjugating loop mirror 6515
Marroquin, J.L. Computational vision: a probabilistic view of the multi-module paradigm 37048
Marrota, G. *see* Fulchignoni, P. 5545
Marrs, K.L. *see* Mecherle, G.S. 46028
Marrs, R. *see* Freyman, B. 33404
Marrs, R.C. Recent developments in low cost plastic MCMs 345
Marrs, R.C., Freyman, B.J., Martin, J.A. High density BGA technology 9263
Marrujo, A.R., Hensel, E.C. High energy laser beam diagnostics 28946
Mars, D.E. *see* Houng, Y.M. 43874
Mars, J. Pattern reconstruction using parametric time-frequency method 13243
Mars, J. *see* Martin, N. 13349
Mars, P. *see* Barker, P.S. 23754
Mars, P. *see* Nambiar, R. 29610
Mars, P. *see* Tang, C.K.K. 21787
Marsala, A., Kanawati, B. PowerPC processors 41958
Marsan, A., Bianco, A., Leonardi, E., Neri, F. A comparison of regular topologies for all-optical networks 5929
Marsan, M.A., Bianco, A. A Petri net model of the DQDB protocol 30218
Marsan, M.A., Bianco, A., Leonardi, E., Neri, F De Bruijn topologies for self-routing all-optical networks 30709
Marsan, M.A., Bianco, A., Leonardi, E., Neri, F. Topologies for wavelength-routing all-optical networks 30745
Marsan, M.A., Casetti, C., Grasso, S.M., Neri, F. Slot reuse in MAC protocols for MAN's 22523
Marsan, M.A., Donatelli, S., Neri, F., Rubino, U. Good and bad dynamic polling orders in symmetric single buffer Markovian multiserver multiqueue systems 5201
Marsan, M.Ajmone *see* Ajmone Marsan, M.
Marschalko, R. Extended control strategy for a PWM line-friendly AC-to-DC converter 8660
Marschalko, R., Weinhold, M. Thermal investigations for a three-phase AC-to-DC PWM converter 17001
Marschalko, R. *see* Imecs, M. 40570
Marschke, D., Hennig, R., Daum, G. The materials concept for VVER plants in comparison with specifications in German nuclear safety standards 25158
Marschner, T., Stolz, W., Gobel, E.O., Phillipp, F., Muller, M., Lorberth, J. Improvements in the heteroepitaxial growth of GaAs on Si by MOVPE 9647
Marschner, T. *see* Lutgen, S. 9644
Marsden, G., Raven, P.F. A design tool for scanning telemetry radio systems 5436
Marsden, G.C., Krishnamoorthy, A.V., Mereckle, J., Esener, S.C. Tandem D-STOP architecture for error backpropagation networks 20473
Marsden, G.C. *see* Marchand, P.J. 20471
Marsden, R.P. *see* Hood, K.J. 6052
Marsden, R.P. *see* Newell, J.C. 38273
Marsden, S. The Open Management Roadmap experience 37352
Marseille, G.J. *see* de Beer, R. 38991
Marsh, C.D. *see* Giles, L.F. 34612
Marsh, C.D. *see* Nejim, A. 34613
Marsh, C.D. *see* Yupu Li 2091
Marsh, G.W. *see* Kahn, J.M. 23082
Marsh, J.H., Andrew, S.R., Ayling, S.G., Beauvais, J., Bradshaw, S.A., Bryce, A.C., Hansen, S.I., De La Rue, R.M., Glew, R.W. Neutral impurity disordering of III-V quantum well structures for optoelectronic integration 3398
Marsh, J.H., Barrow, D.A., Laughton, F.R., Portnoi, E.L. Generation and detection of Q-switched pulses from two-section semiconductor lasers 12253
Marsh, J.H. *see* Gontijo, I. 28828
Marsh, J.H. *see* Laughton, F.R. 35831
Marsh, J.H. *see* McLean, C.J. 1884
Marsh, J.H. *see* Ooi, B.S. 27674
Marsh, O. *see* Williams, R. 19962
Marsh, R. *see* Jain, A. 34796
Marsh, R.A., Rudd, J.G., Thomas, S.G. Tracking of space objects using massively parallel processing 32020
Marsh, R.A. *see* Kumar, B. 17207
Marsh, S.P. *see* Arnold, R.G. 1647
Marsh, S.P. *see* Wallis, R.H. 10510
Marsh, W. *see* Auchincloss, P.S. 46953
Marsh, W. *see* Kinnel, T.S. 38880
Marshak, A.H. *see* Lifeng Liu 27525
Marshall, A. Building a multiprotocol network 37475
Marshall, A. *see* Lettington, A.H. 31286
Marshall, A.D., Martin, R.R. Using stereo vision to inspect three-dimensional geometric features automatically 17937
Marshall, A.D. *see* Davies, S.J. 30049
Marshall, A.D. *see* Davies, S.J. 45172
Marshall, A.F. *see* Lord, S.M. 11599
Marshall, A.G. *see* Alber, G.M. 7288
Marshall, C.D. *see* Tokmakoff, A. 3858
Marshall, D. Innovation in switch design follows equipment practice 1675
Marshall, D., Jackman, R.B. Surface chemical routes to low contamination beam assisted GaAs etching 10958
Marshall, D. *see* Johnson, C.A. 31841
Marshall, D.B. *see* Stanley, B.J. 31385
Marshall, D.F. *see* Dudley, D.G. 46047
Marshall, D.H. *see* Culling, J.F. 29562
Marshall, E.A., Pickering, W.M. The computational restoration of autoradiographic images 47058
Marshall, G.F., Rynkowski, G.A., Ketabchi, M. Polygonal scanners for TV and HDTV laser projectors: spatial and temporal tolerances versus resolution 46556
Marshall, G.F., Rynkowski, G.A., Lemos, C.J. Polygonal scanners for TV and HDTV laser projectors: spatial and temporal tolerances versus resolution 38306
Marshall, G.J., Behrooz, A., Clayton, F.M. Modelling and analysis of complex stochastic systems: from a specific example to a general environment 30345
Marshall, G.R. *see* Stephen, R.G. 47539
Marshall, H. Choosing a solderable PCB coating 1733
Marshall, I. *see* Pierce, R.H. 47327
Marshall, J. *see* Gaitan, M. 19988
Marshall, J. *see* Jordan, K. 15295
Marshall, J.M. *see* Bayley, P.A. 42435
Marshall, J.M. *see* Browne, A.K. 27504
Marshall, J.M. *see* Dyer, T.E. 9684
Marshall, J.M. *see* Dyer, T.E. 34494
Marshall, J.M. *see* Lau, S.P. 28665
Marshall, J.M. *see* van Swaaij, R.A.C.M.M. 42437
Marshall, K. *see* Kwan, K.W. 14515
Marshall, L.R., Kaz, A. Eye-safe output from noncritically phase-matched parametric oscillators 3851
Marshall, L.R. *see* Kaz, A. 29006
Marshall, M.G. Matching the 6-MV photon beam characteristics of two dissimilar linear accelerators 31974
Marshall, N.W., Faulkner, K., Busch, H.P. A quantitative test object for optimisation studies in image intensifier-TV and digital imaging systems 15801
Marshall, P. Open exams: an experiment in student assessment 26119
Marshall, P. *see* Dale, C. 39241
Marshall, P. *see* LaBel, K.A. 11881
Marshall, P. *see* LaBel, K.A. 39254
Marshall, P. *see* Smith, G.A. 16744
Marshall, P.W. *see* Cutchin, J.H. 34064
Marshall, P.W. *see* Dale, C.J. 3632
Marshall, T., Petruzzello, J.A., Herko, S.P., Gaines, J.M., Ponzoni, C.A. Electrical transport in n-type ZnMgSSe grown by molecular beam epitaxy on GaAs 42452
Marshall, T.G., Jr. *see* Van Dyck, R.E. 13566
Marshall, T.H. *see* McInnes, A.W. 18054
Marshall, W.K., Hill, E.F. Matching electricity supply and demand 7907
Marshman, C.A. What do I need to do to comply? [European EMC directive] 36231
Marshman, C.A. What about a company EMC strategy? 36236
Marshman, C.A., Darnell, M., Spikins, D., Clifton, B.J. EMC education and training: a distance learning video course 44404
Marshman, C.A., Dawson, L. In-house facilities vs third part test houses, the choices 36233
Marshman, G. *see* Chan, D. 14321
Marsi, S. *see* Carrato, S. 4893
Marsland, J.S. *see* Griffiths, P.J. 42122
Marsland, J.S. *see* Johnson, D.E. 42121
Marso, M., Kordos, P., Meyer, R., Luth, H. Quasi-Schottky diodes on (n)$In_{53}Ga_{47}As$ with barrier heights of 0.6 eV 2424
Marso, M. *see* Fawcett, P.N. 19348
Marso, M. *see* Schuppen, A. 27582
Marsten, R.E. *see* Ho-Won Jung 41098
Marsten, R.E. *see* Lustig, I.J. 41093
Marston, C.H., Hyre, M. Gas turbine bottoming cycles: triple pressure steam vs Kalina 32750
Marston, P.C. *see* Craig, A.D. 37915
Marszalec, J.A., Myllyla, R.A. Performance tests of an angular scan LED array-based range imaging sensor 46500
Marszalkiewicz, K. *see* Andruszkiewicz, J. 40389
Marteau, C., Laulier, G., Bonifaci, N., Denat, A. A device for the measurement of corona discharges in high pressure or liquified gases 1772
Martel, J., Boix, R.R., Horno, M. Equivalent circuits for microstrip gap discontinuities with metallisations of rectangular and trapezoidal cross sections 10413
Martel, J., Boix, R.R., Horno, M. Equivalent circuits for MIS microstrip discontinuities 18987
Martel, J., Boix, R.R., Horno, M. Analysis of microstrip discontinuities in multilayered, anisotropic and lossy substrates considering the finite metallization thickness effect 27289
Martelet, C. *see* Saby, C. 6607
Martell, S. Security considerations for e-mail 30347
Martell, S.B., Semmens, J.E., Kessler, L.W. COB die attach analysis with AMI techniques: capabilities, limitations and pitfalls 40932
Martelli, A. *see* Bozzini, B. 2828
Martelli, F. *see* Salviati, G. 693
Martelli, G. Silicone oils for transformers 8489
Martelli, M. *see* Gentile, G. 47867
Martellotti, G. *see* Cianfarani, C. 31731
Martellucci, A. *see* Aresu, A. 29179
Martellucci, S. *see* Petrocelli, G. 21001
Marten, O. *see* Fuss, W. 11958
Marten, P. *see* Banerjee, S.K. 6126
Martens, D. Microcells 45793
Martens, E. *see* Johnson, K. 19030
Martens, G.O. *see* Jarmasz, M.R. 42072
Martens, J.-B. *see* Escalante-Ramirez, B. 29964
Martens, J.-P. Speech recognition over the telephone 21656
Martens, J.S., Char, K., Pance, A., Lee, L.P., Johansson, M.E., Whiteley, S.R., Kihlstrom, K.E., Wendt, J.R., Hietala, V.M., Plut, T.A., Vawter, G.A., Hou, S.Y., Phillips, J.M., Lee, W.Y. Use of 2-dimensional arrays to determine the uniformity of Josephson junctions 28414
Martens, J.S., Lee, L., Char, K., Withers, R., Zhang, D., Hietala, V.M., Tigges, C.P., Zolper, J. mm-wave confocal resonators for vertical structure profiling in semiconducting and superconducting materials 6757
Martens, J.S., Pance, A., Char, K., Johansson, M.E., Whiteley, S.R., Wendt, J.R., Hietala, V.M., Plut, T.A., Ashby, C.I.H., Hou, S.Y., Phillips, J.M. High-temperature superconducting shift registers operating at up to 100 GHz 41855
Martens, J.S. *see* Ginley, D.S. 2864
Martens, J.S. *see* Holstein, W.L. 11513
Martens, K., Engelfried, J., Faller, F., Lennert, P., Michaels, R., Muller, U., Rieseberg, H., Siebert, H.-W., Walder, G. Ageing effects observed in the CERN Omega RICH 46914
Martens, K. *see* Muller, U. 46916
Martens, K. *see* Siebert, H.-W. 46896
Martens, L. *see* De Langhe, P. 23847
Martens, L. *see* De Langhe, P. 46583
Martens, R.L.J., Venetsanopoulos, A.N., Hatzinakos, D. Coding of image textures using wavelet decomposition and hierarchical multirate vector quantization 13655
Martensson, A. Supply quality and renewables. Integration in the Swedish grid 25107
Marthen, W., Pohlmann, H., Fiss, H.J. Vibratory strain on medium voltage overhead line conductors 24988
Marthon, P. *see* Martinez, F. 13716
Marti, F. *see* Johnson, D. 15441
Marti, J., Capmany, J., Mangharam, H. Crosstalk analysis in optically prefiltered subcarrier multiplexed systems 14626
Marti, J., Mossi, J.M. Study of the required crosspolar protection ratio in G-PAL TV FM satellite transmissions planning 46168
Marti, J. *see* Golecki, I. 762
Marti, J. *see* Golecki, I. 41444
Marti, J.R. *see* Araujo, A.E.A. 32291
Marti, K. Semi-stochastic approximation by the response surface methodology (RSM) 575
Marti, L. *see* Morched, A. 25493
Marti, L. *see* Morched, A.S. 24599
Marti, P. *see* Henry, F. 9760
Marti, Y. *see* Burkhardt, H. 7039
Marti-Panameno, E., Vysloukh, V.A., Sanchez Mondragon, J.J. Computer simulation of additive-pulse mode-locking dynamics in a dye laser 28747
Marti-Panameno, E. *see* Vysloukh, V.A. 20707
Marti-Panameno, E. *see* Vysloukh, V.A. 43790
Martignac, J. *see* Bernard, Ph. 15504
Martil, I. *see* Hernandez-Rojas, J.L. 33723
Martin, A. *see* Hui-Wen Yao 42176
Martin, A. *see* Martinez-Burdalo, M. 29152
Martin, A. *see* Thakur, R.P.S. 2175
Martin, A. *see* Yao, H.-W. 1412
Martin, A.D., Lerch, M.L.F., Simmonds, P.E., Eaves, L. Observation of intrinsic tristability in a resonant tunneling structure 35038
Martin, A.D. *see* Lerch, M.L.F. 42849
Martin, A.J. *see* Nielsen, C.D. 10045
Martin, A.Q. *see* Butler, C.M. 29351
Martin, A.S., Sambles, J.R. A few-monolayer organic rectifier 19272
Martin, A.S. *see* Sambles, J.R. 19273
Martin, B. Asymmetrical depth-of-focus effects in high numerical aperture i-line lenses 28018
Martin, B., Goodall, F. Printability of sub-micron 5X reticle defects at i-line and DUV exposure wavelengths 19683
Martin, B. *see* Arthur, G. 28017
Martin, B. *see* Bissessur, H. 38029

Martin, B. *see* Brambley, D. 42807
Martin, B. *see* Cui, Z. 28012
Martin, B. *see* Dionisi, C. 7222
Martin, B. *see* Gotz, B. 20355
Martin, B. *see* Huei Wang 34274
Martin, B. *see* Jimenez, J. 9856
Martin, B. *see* Prewett, P.D. 19682
Martin, B. *see* Prewett, P.D. 27921
Martin, B. *see* Prewett, P.D. 28008
Martin, B. *see* Spooner, H. 8147
Martin, B. *see* Vinchant, J.-F. 38121
Martin, C. *see* Garcia, Q. 36420
Martin, C.D. *see* Heller, R.S. 33280
Martin, C.E., Firby, R.J. An overview of the dynamic predictive architecture for robotic assistants 47160
Martin, C.E. *see* Claussen, R.L. 8127
Martin, C.F. *see* Stamp, M. 21616
Martin, C.M., O'Shaughnessy, S.M., Jones, D.R., Laine, D.C. A simple, non-dispersive, broadband, piezo-driven, continuously-variable laser output-coupler 20950
Martin, D. Alignment at the ESRF 15279
Martin, D., Rumin, N.C. Delay prediction from resistance-capacitance models of general MOS circuits 2674
Martin, D. *see* Cada, M. 38111
Martin, D. *see* McKinley, J.T. 44082
Martin, D. *see* Pullen, J.L. 47163
Martin, D.H., Bowen, J.W. Long-wave optics 36220
Martin, D.H. *see* Wylde, R.J. 36397
Martin, D.L., Turner, L., III Role of hardware-in-the-loop simulation in fly-by-light system development 39165
Martin, D.L. *see* Abbas, G.L. 7538
Martin, D.P. Key factors in designing a manufacturing line to maximize tool utilization and minimize turnaround time 9220
Martin, D.W. *see* Ceruti, M.G. 47125
Martin, D.W. *see* Strong, A.W. 35083
Martin, E. *see* Jimenez, J. 9856
Martin, E. *see* Perez-Rodriguez, A. 34616
Martin, E.A., Vaccaro, K., Dauplaise, H.M., Waters, W., Lorenzo, J.P. Indium phosphide MISiFET processing using wet chemical surface pre-treatments and evaporated thin silicon interlayers 34971
Martin, F., Aymerich, X. Interface and bulk traps in oxide-nitride stacked films [MNOS structures] 19455
Martin, F. *see* Deleonibus, S. 10891
Martin, F. *see* Erisman, B.P. 26690
Martin, F. *see* Erisman, B.P. 41657
Martin, F.A.Hermida San *see* Hermida San Martin, F.A.
Martin, F.D.J. C-5 solder sphere robotic placement cell for overmolded pad array carrier 1745
Martin, F.J., Turner, R.W. SAR speckle reduction by weighted filtering 6137
Martin, F.Monfort *see* Monfort Martin, F.
Martin, G. *see* Weihnacht, M. 11428
Martin, G.J. High-resolution color CCD camera 6577
Martin, G.J., Blessinger, K.V., Veit, C. High-resolution CCD camera for industrial imaging 6569
Martin, G.J. *see* Hodaie, P. 36185
Martin, G.R. *see* Wooi Boon Goh 13725
Martin, H. *see* Wittenbreder, E. 26714
Martin, H.L. *see* Ardalan, S.S. 22707
Martin, I. *see* Cave, M. 37185
Martin, J., Mulgrew, B. Cepstrum analysis of the radar return signal from rotating aircraft blades 23140
Martin, J. *see* Busch, M. 39917
Martin, J. *see* Martin, N. 13349
Martin, J.-C., Romdhani, M., Carolle, M.-N., Joly, P. Migration strategy towards Q3 interfaces of switching systems : a look at France Telecom switches 45454
Martin, J.-P. *see* Savard, P. 31670
Martin, J.A. Knowledge representation for real time industrial process modelization 25464
Martin, J.A. *see* Marrs, R.C. 9263
Martin, J.B., Knoll, G.F., Wehe, D.K., Dogan, N., Jordanov, V., Petrick, N., Singh, M. A ring Compton scatter camera for imaging medium energy gamma rays 15721
Martin, J.B. *see* Jordanov, V.T. 46329
Martin, J.C. Visualization for telecommunications network planning 5387
Martin, J.D. *see* Fernandez, F.V. 26602
Martin, J.H. Efficient interconnection of MCMs [for packaging micromechanical instruments] 9264
Martin, J.I. *see* Rodriguez, C. 16432
Martin, J.I. *see* Rodriguez, C. 32499
Martin, J.L., Aranguren, G., Ibanez, P. Real-time decompression of coded images. The Parallel Raster Image Processor (PRIP) 30139
Martin, J.L. *see* Anton Molina, O. 38493
Martin, J.L. *see* Dentan, M. 34183
Martin, J.M., Nadella, R.K., Rao, M.V., Simons, D.S., Chi, P.H., Caneau, C. Fe and Ti implants in $In_{0.52}Al_{0.48}As$ 2019
Martin, J.M. *see* Ceres, R. 7656
Martin, J.R. *see* Queau, E. 26468
Martin, K. A method for quantifying the performance of optical surveillance devices 31046
Martin, K., Padmanabhan, M. Applications of a resonator-in-a-loop filter-bank 13408
Martin, K. *see* Padmanabhan, M. 10301
Martin, K. *see* Padmanabhan, M. 18884
Martin, K. *see* Wallace, J.J.A. 7376
Martin, K.M. New secret sharing schemes from old 4436
Martin, K.M. *see* Jackson, W.-A. 21556
Martin, K.M. *see* Jackson, W.-A. 29466
Martin, K.W., Padmanabhan, M. Using an IIR adaptive filter bank to analyze short data segments of noisy sinusoids 4617
Martin, K.W. *see* Willingham, S.D. 30995
Martin, K.W. *see* Willingham, S.D. 42058
Martin, L., Giraud, B., Bouidene, A. Error performance prediction on digital radio links without and with space diversity 5747
Martin, L., Giraud, B., Bouidene, A. General computation method of outage time for digital radio links 14383
Martin, L.P., Suter, J.J., Rosen, M. Sapphire resonator transducer accelerometer for space gravity gradiometry 43232
Martin, L.R. *see* Johnson, F.S. 19582
Martin, M. Visualisation and monitoring in service engineering 37233
Martin, M. *see* Avery, R.E. 7258
Martin, M. *see* Benoit, A. 24053
Martin, M. *see* Burkmann, K. 15463
Martin, M. *see* Falin, G.I. 9390
Martin, M. *see* Mangelsdorf, C. 27021
Martin, M. *see* Mangelsdorf, C. 27024
Martin, M. *see* Pautet, M.B. 14453
Martin, M.C. *see* Koller, D. 43342
Martin, M.I. *see* Angstadt, R. 15673
Martin, M.J., Montesano, C. Ku-band variable components development for ASYRIO project 27194
Martin, M.Z., Garrison, A.A., Roberts, M.J., Hall, P.D., Moore, C.F. Composition monitoring by on-line remote Raman spectroscopy 31504
Martin, N., Mars, J., Martin, J. An adaptive wavelet: a time octave representation derived from Capon's filters 13349
Martin, N. *see* Meyers, S. 16156
Martin, N.C. *see* Foster, B. 31714
Martin, O.J.F., Dereux, A., Girard, C. Computing the exact field propagating in dielectric structures of arbitrary shape 29275
Martin, O.J.F., Dereux, A., Girard, C. Iterative scheme for computing exactly the total field propagating in dielectric structures of arbitrary shape 44279
Martin, P. *see* Ballon, J. 7203
Martin, P. *see* Ballon, J. 31716
Martin, P. *see* Ballon, J. 46910
Martin, P. *see* Chassaing, R. 1328
Martin, P. *see* Chauvin, J. 46861
Martin, P. *see* Chin, A. 41382
Martin, P. *see* Kinard, J.R. 6283
Martin, P. *see* Leclercq, J.L. 12209
Martin, P.A. *see* Ho, P. 11242
Martin, P.C. *see* Buzak, T.S. 23812
Martin, P.D. Sonochemistry in industry, progress and prospects 47310
Martin, P.F. *see* van der Geer, C.A.J. 15391
Martin, P.M. *see* Haine, J.L. 37812
Martin, P.M. *see* Harrison, P.A. 42857
Martin, P.M. *see* Turner, T.S. 42505
Martin, P.S. The Fermilab Main Injector project 6903
Martin, P.S. *see* Brown, B.C. 15535
Martin, R. *see* Green, D.L. 27544
Martin, R.G. *see* Garcia, S.G. 30885
Martin, R.Gomez *see* Gomez Martin, R.
Martin, R.J., Ewing, W.S. Infrared detector performance boosted by better electronics 23729
Martin, R.M. *see* Nooney, M. 27683
Martin, R.R. *see* Anguh, M.M. 5122
Martin, R.R. *see* Davies, S.J. 30049
Martin, R.R. *see* Davies, S.J. 45172
Martin, R.R. *see* Horning, R.D. 42678
Martin, R.R. *see* Marshall, A.D. 17937
Martin, R.W., Giers, C. Measurement of the dynamic linewidth of single-mode DFB lasers by means of Fabry-Perot interferometry 28849
Martin, S., Gage, D., Powell, T., Slay, B. A practical approach to producing known-good-die 336
Martin, S., Toal, V. Self developing dry photopolymer layers for holographic applications 12462
Martin, S. *see* Vogt, M. 26477
Martin, S.A. *see* Hardt, A. 15568
Martin, S.J. *see* Granstaff, V.E. 35195
Martin, T. Selling yourself 33242
Martin, W.N. *see* Tan, C.L. 13743
Martin Abreu, J.M., Calderon, L., Ceres, R., Freire Bastos, T. Ultrasonic echoes from different orientations. Finding the normal inclination 6432
Martin Alfonso, J.A., Arencibia, P.D., Reyna, F.G. Study of the characteristics of AlGaAs-GaAs laser GRIN-parabolic transverse optical cavity 43856
Martin-Moreno, L. *see* Dzurak, A.S. 1878
Martin-Moreno, L. *see* Tewordt, M. 42525
Martin-Pereda, J.A. *see* Gonzalez-Marcos, A. 35518
Martinek, J. *see* Benda, V. 2496
Martinek, S.J. *see* Caber, P.J. 46627
Martinelli, E. *see* Alia, G. 19985
Martinelli, G. Crystalline silicon for solar cells 18115
Martinelli, G., Carotta, M.C. Influence of additives on the sensing properties of screen-printed SnO_2 gas sensors 6638
Martinelli, G., Perfetti, R. Least-squares spectrum estimation through a neural network-inverse predictor structure 36709
Martinelli, G., Perfetti, R. Generalized cellular neural network for novelty detection 42126
Martinelli, G., Ricotti, L.P., Ragazzini, S., Spallaccini, C. Transform image coding by feedforward neural networks 5014
Martinelli, M. *see* De Maria, L. 23892
Martinelli, M. *see* Gusmeroli, V. 38528
Martinelli, R. *see* Gasparini, F. 7223
Martinelli, R.U., Menna, R.J., Triano, A., Harvey, M.G., Olsen, G.H. Temperature dependence of 2 μm strained-quantum-well InGaAs/InGaAsP/InP diode lasers 35839
Martinelli, R.U. *see* Cooper, D.E. 24220
Martinengo, P. *see* Beer, A. 31662
Martinengo, P. *see* Bruschini, C. 38888
Martinerie, F., Forster, P. Data association and tracking from distributed sensors using hidden Markov models and dynamic programming: the DIAMANT algorithm 21880
Martinerie, F. *see* Ywanne, F. 21879
Martines, G. *see* Caddemi, A. 19057
Martinez, A. *see* Campo, E. 2547
Martinez, A. *see* Yahia Messaoud, A. 19588
Martinez, A.V., Aboites, V. High-efficiency low-pressure Blumlein nitrogen laser 35675
Martinez, C. *see* Casas, R. 514
Martinez, D. *see* Dilhan, M. 46418
Martinez, D. *see* Van Hulle, M.M. 10222
Martinez, F., Thiesse, B., Marthon, P. Animate vision horizontal disparity vergence movements 13716
Martinez, F. *see* Cheng, E. 11326
Martinez, G. *see* Hueso, J.L. 41157
Martinez, H. *see* Mendieta, F.J. 14667
Martinez, H.Lao *see* Lao Martinez, H.
Martinez, J. *see* Abe, K. 7260
Martinez, J. *see* Abe, K. 15619
Martinez, J. *see* Abe, K. 46930
Martinez, J. *see* Abella, C. 29328
Martinez, J. *see* Labeau, M. 6640
Martinez, J.A. Educational use of EMTP models for the study of rotating machine transients 32827
Martinez, J.M., Lopez, P. The synthesis of digital systems by the use of non-volatile memories 18551
Martinez, J.P. *see* Ouabbou, A. 11098
Martinez, K., Cupitt, J., Saunders, D. High resolution colorimetric imaging of paintings 6370
Martinez, L. Mobile telephone systems 22869
Martinez, M. *see* Arguelles, J. 35183
Martinez, M. *see* Arguelles, J. 42088
Martinez, M. *see* Bracho, S. 18893
Martinez, M.A. *see* Mendieta, F.J. 14667
Martinez, M.A.G. *see* Silva, M.T.C. 3177
Martinez, O.E. *see* Prasad, M. 42488
Martinez, P. *see* Azpiazu, L. 25608
Martinez, P. *see* Ocana, J.L. 21138
Martinez, R., Schmeits, M., Evrard, R. Experimental and theoretical aspects of electrical characteristics of Au/ZnSe/GaAs heterostructures 34595
Martinez, R. *see* Llovet, J. 26337
Martinez, R. *see* Pitts, R.A. 22581
Martinez, R.D., Compton, R.C. High-efficiency FET/microstrip-patch oscillators 36443
Martinez, V.E. *see* Gurbaxani, S.H. 36281
Martinez Madrid, J.J. *see* de Miguel Vela, G. 30884
Martinez Ramos, J.L. *see* Gomez Exposito, A. 24695
Martinez Vazquez, J.J., Garcia, W.W. Frequency domain analysis of stimulated Raman scattering in multicarrier fiber systems 30769
Martinez-Burdalo, M., Martin, A., Villar, R. Uniform PO and PTD solution for calculating plane wave backscattering from a finite cylindrical shell of arbitrary cross section 29152
Martinez-Davalos, A., Speller, R.D., Horrocks, J.A., Miller, D.J., Baru, S.E., Khabakhpashov, A.G., Ponomarev, O.A., Shekhtman, L.I. Evaluation of a new low-dose digital X-ray system 7342
Martinez-Fabregas, E. *see* Alegret, S. 6606
Martinez-Fabregas, E. *see* Martorell, D. 6605
Martinez-Herrero, R., Mejias, P.M. Parametric characterization of depleted-centre intensity beams 3738
Martinez-Herrero, R. *see* Piquero, G. 44041
Martinez-Herrero, R. *see* Serna, J. 3747
Martinez-Laso, L. *see* Ferrando, A. 15617
Martinez-Linares, J., Garcia-Fernandez, P. Non-classical properties of non-degenerate parametric amplifiers and oscillators with pump depletion and non-homogeneous losses using the Wigner representation 28959
Martinez-Pastor, J. *see* Roussignol, P. 42513
Martini, G. *see* Donati, S. 5887
Martini, G. *see* Prevedourou, D. 37218
Martini, I., Bechtold, J., Majoros, M., Ottoboni, V., Vallier, J.-C., Zannella, S. Superconducting

properties of multilayered Bi(Pb)-2223/Ag tapes 28399
Martinino, F. *see* Cacopardi, S. 22965
Martinino, F. *see* Capodieci, P. 37901
Martinis, C.De *see* De Martinis, C.
Martinis, J.M., Nahum, M. Effect of environmental noise on the accuracy of Coulomb-blockade devices 28222
Martinis, J.M. *see* Eiles, T.M. 43366
Martinis, J.M. *see* Nahum, M. 15011
Martinis, J.M. *see* Nahum, M. 24006
Martino, M. *see* Mihailescu, I.N. 813
Martino, R. *see* Conley, W. 11056
Martino, R. *see* Ferguson, R. 26942
Martinod, Y. Battery charging 48293
Martinoia, S., Bove, M., Carlini, G., Ciccarelli, C., Grattarola, M., Storment, C., Kovacs, G. A general-purpose system for long-term recording from a microelectrode array coupled to excitable cells 7427
Martins, A. *see* Jorge, H. 24701
Martins, D.C., de Abreu, G.N. Application of the ZETA converter in switched-mode power supplies 8638
Martins, H. *see* Tella, R. 42300
Martins, L.F. *see* Kushner, H.J. 5186
Martins, M. Lamp replacement at 60000 hours 48447
Martins, M.F. *see* Aude, J.S. 1695
Martins, M.N. *see* Takahashi, J. 15381
Martins, N., Macedo, N.J.P., Lima, L.T.G., Pinto, H.J.C.P. Control strategies for multiple static VAr compensators in long distance voltage supported transmission systems 24709
Martins, R., Fantoni, A., Vieira, M. Tailoring defects on amorphous silicon pin devices 27613
Martins, R. *see* Fortunato, E. 31307
Martins, R. *see* Fortunato, E. 31313
Martins, R. *see* Fortunato, E. 38520
Martins, R. *see* Vieira, M. 33031
Martins, R. *see* Vieira, M. 40491
Martins, R.P., Franca, J.E., Maloberti, F. An optimum CMOS switched-capacitor antialiasing decimating filter 1312
Martinsen, E.A. *see* Marzetta, T.L. 23202 .
Martinsen, J. *see* Wolford, D.J. 34583
Martinson, T. *see* Morf, T. 35618
Martinu, L. *see* Guenther, P. 35123
Martisovitsova, D. Modelling of the temperature profile in an optical memory medium with an active organic layer 11573
Martius, S., Wunner, G. Noise optimized connection THz-mixer−HEMT-IF-amplifier 10467
Martoff, C.J. *see* Wang, X.X. 24032
Marton, Z. *see* Bor, Z. 15911
Martorell, D., Martinez-Fabregas, E., Bartroli, J., Alegret, S., Tran-Minh, C. Urea potentiometric biosensor based on all-solid-state technology 6605
Martorell, D. *see* Alegret, S. 6606
Martorossian, G.A., Nickogossian, V.Ts., Sadoyan, K.A., Goncharenko, V.P., Gusev, O.A., Efremov's, D.V., Bothe, V. The features of forming the magnetic cycle of Yerevan synchrotron 15553
Martovetsky, N.N. *see* Voloshin, I.F. 20225
Martsenyuk, M.A. *see* Dubovik, V.M. 11467
Martsenyuk, N.M. *see* Dubovik, V.M. 11467
Martsinovskii, V.A., Mirumyants, S.O., Bazhanov, Yu.V., Bagautdinov, I.R., Strezhnev, S.A. Multichannel spectral multiplexers and demultiplexers for single-mode and multimode fiber-optic communication lines 14662
Martsinovskii, V.A. *see* Bazhanov, Yu.V. 15070
Marty, A. When robots fail 9185
Marty, A. *see* Fraise, J.L. 7844
Marty, A. *see* Messager, P. 32396
Marty, J. HV 400 vacuum circuit breaker successfully passes electrical and mechanical tests 32962
Marty, S.M. *see* Messerle, H.K. 25790
Marty, S.M. *see* Simpson, S.W. 25305
Martynchuk, N. *see* Agafonov, A. 46721
Martynenko, V.V. *see* Pelekhov, V.I. 24120
Martynov, B.M. *see* Velikhov, Ye.P. 25755
Martynov, S.V., Pershin, V.I., Plotnikov, V.K., Popova, N.Ya. Investigation of the effect of increasing of the transverse phase volume of the beam in an electron gun with different cold cathodes 7135
Martynowicz, Z.E. Digital avionics simulation for trainers 39215
Martynyuk, A.E., Sidoruk, Yu.K. Estimate of the minimum attainable loss level in a reflex polarization phase shifter 18918
Martynyuk, A.E., Sidoruk, Yu.K. Reflex polarization phase shifter for the millimeter wave band 42151
Martyushev, Yu.Yu. Finding the medium of a two-dimensional discrete signal by autocorrelation function 36472
Martzall, T.L. Simultaneous raster and calligraphic CRT projection system for flight simulation 39151
Martzloff, F.D. Power and data line transients 44395
Martzloff, F.D., Samotyj, M. An important link in ≪entire-house≫ protection: surge reference equalizers 47575
Martzloff, F.D. *see* Lai, J.-S. 7988
Maru, H., Takaku, H., Karaki, A. Control system for experimental equipment on SFU 7516
Maruhashi, T. *see* Ishigohka, T. 35297
Marui, S. *see* Sakakihara, M. 34087
Marui, S. *see* Ueda, K. 26998
Marumo, M. Extra-High voltage power cables with large transmission capacity 47508
Marumoto, K., Yabe, H., Aya, S., Matsuba, M., Sasaki, K., Watakabe, Y., Matsui, Y. Fine pattern etching of W-Ti absorber for X-ray mask with electron cyclotron resonance discharge plasmas 27856
Marumoto, K. *see* Aya, S. 11096
Marumoto, K. *see* Trube, J. 27992
Maruno, S. *see* Gotoda, M. 41334
Maruno, T. *see* Hayashi, T. 11819
Maruo, Y. *see* Urayama, M. 27409
Maruoka, A. *see* Ohnishi, Y. 21519
Maruoka, T. *see* Tamaki, E. 25497
Maruoka, Y. *see* Nishimura, Y. 14343
Marusa, W.J., Jr. *see* Poitier, A. 46291
Maruska, H.P., Namavar, F., Kalkhoran, N.M. Theory of porous silicon injection electroluminescence 11878
Maruska, H.P. *see* Kalkhoran, N.M. 3360
Maruska, H.P. *see* Kalkhoran, N.M. 20516
Maruska, H.P. *see* Kalkhoran, N.M. 43642
Maruska, P. *see* Namavar, F. 20558
Maruta, A. *see* Ise, T. 4211
Maruta, A. *see* Matsuhara, M. 4185
Maruta, J. *see* Suzuki, F. 38398
Maruta, T., Yusheng Ji, Asano, S. Copy distribution stages for broadband broadcast connecting networks 30300
Marutani, Y. *see* Nakai, T. 31903
Maruti, M. *see* Nandakumar, V.N. 8338
Maruyama, E., Yoshimine, Y., Terakawa, A., Sayama, K., Ninomiya, K., Hishikawa, Y., Tarui, H., Tsuda, S., Nakano, S., Kuwano, Y. Improvement in performance of a-SiGe:H solar cells for multi-junction cells 33052
Maruyama, H., Pak, K., Sakakibara, K., Yonezu, H. Realization of nearly two-dimensional growth mode for AlP on Si(100) substrate by a low temperature migration enhanced epitaxy 674
Maruyama, H. *see* Matsuda, R. 43558
Maruyama, H. *see* Yamauchi, K. 44415
Maruyama, K., Murakami, S., Takigawa, H. High-quality HgCdTe grown by metalorganic chemical vapor deposition (MOCVD) with multinozzles 18199
Maruyama, K. *see* Hashimoto, Y. 23960
Maruyama, K. *see* Murakami, S. 2090
Maruyama, M., Teraoka, T., Abe, S. Recognition of 3D flexible objects by GRBF 36967
Maruyama, M. *see* Fujiwara, H. 26983
Maruyama, M. *see* Ishibashi, Y. 45339
Maruyama, M. *see* Kinoshita, T. 5590
Maruyama, M. *see* Kinoshita, T. 31020
Maruyama, M. *see* Kusumoto, K. 27020
Maruyama, M. *see* Nakamura, K. 23319
Maruyama, S., Kobayashi, S., Kudo, K. Fractal characteristics of AC electrical trees in polymeric insulating materials 11378
Maruyama, S., Koshiba, M. Finite-element analysis of two-dimensional chirowaveguides 36344
Maruyama, S. *see* Yasuda, H. 27871
Maruyama, T., Iwai, K., Nishizawa, K., Mase, N., Kumamoto, Y. Collective effective dose equivalent, population doses and risk estimates from occupational exposures in Japan 24374
Maruyama, T., Kagoshima, K. Dual-frequency reflector antennas with the same beam-width 12745
Maruyama, T., Tago, T. Germanium- and silicon-doped indium-oxide thin films prepared by radio-frequency magnetron sputtering 33680
Maruyama, T. *see* Aritome, S. 41883
Maruyama, T. *see* Iwami, T. 25967
Maruyama, T. *see* Kikuchi, T. 40618
Maruyama, T. *see* Sato, T. 3676
Maruyama, T. *see* Terada, Y. 23278
Maruyama, T. *see* Toda, K. 35570
Maruyama, Y., Fujimoto, K., Imura, R., Suzuki, R. Characteristics of Bloch-line pair propagation using film thickness modulation (FTM) patterns for bit confinement 35253
Maruyama, Y., Takeuchi, O., Sakurai, A., Okamoto, T., Yukawa, A. A 20 bit stereo oversampled D-to-A converter 1285
Maruyama, Y. *see* Arai, S. 19308
Maruyama, Y. *see* Hasegawa, A. 14076
Maruyama, Y. *see* Murata, T. 26179
Maruyama, Y. *see* Ohata, K. 39602
Maruyama, Y. *see* Yoshida, I. 19077
Maruyama, Y. *see* Yukawa, A. 14916
Marvasti, F. Using FFT for error correction decoders 21638
Marvasti, F., Nafie, M. FFT as an alternative to error correction decoders 4421
Marvasti, F., Nafie, M. Sampling theorem: a unified outlook on information theory, block and convolutional codes 21461
Marvasti, F. *see* Nafie, M. 29522
Marvasti, F.A., Liu, C., Adams, G. Analysis and recovery of multidimensional signals from irregular samples using nonlinear and iterative techniques 45105
Marvell, G. Minienvironment air flow dynamics 1977
Marvin, A., Porter, S.J., Riley, D. 30 MHz to 1 GHz in one sweep−the bilog 4325
Marvin, A.C. How is EMC assessed? 36232
Marvin, A.C. New developments in EMC education 44397
Marvin, A.C., Konefal, T. Simulation of UHF harmonic generation in logic gates using SPICE 41876
Marvin, A.C. *see* Upton, M.E.G. 36402
Marvin, A.M. *see* Ong, T.T. 36145
Marwick, A.D., Buchanan, D.A., Dimaria, D.J., Saunders, P., Dori, L. Measurements of hydrogen redistribution in hot electron injection of MOS capacitors 19448
Marwick, A.D. *see* Aboelfotoh, M.O. 42544
Marwood, W. *see* Clarke, R.J. 26988
Marx, A., Husemann, K.-D., Mayer, B., Nissel, T., Gross, R., Verhoeven, M.A.J., Gerritsma, G.J. Distribution of the critical current density and flux trapping in $YBa_2Cu_3O_{7-\delta}$ ramp-edge Josephson junctions 20207
Marx, E. Electromagnetic scattering from a dielectric wedge and the single hypersingular integral equation 21207
Marx, H.von *see* von Marx, H.
Marx, J.M. *see* Suzuki, T. 43473
Marx, K.T. *see* Mitchell, T.L. 45413
Marx, M. *see* Balewski, K. 46775
Marx, M. *see* Hauser, E. 39041
Marx, N.J. *see* Schwan, C. 3838
Mary, D. *see* Jonsson, J. 43191
Maryan, P.S. *see* Richards, K.M. 25117
Maryka, S.W. *see* Unger, B.W. 37340
Maryniak, J.A., Caldwell, M.S., Caldwell, B.S. Experience, utility and situational appropriateness: how does organizational context influence usability of electronic communications media? 14089
Marz, M., Oestreicher, W. Microwave excitation of a diffusion-cooled CO_2 laser 35697
Marz, M. *see* Grudszus, S. 3464
Marz, M.B., Mendis, S.R. Protecting load devices from the effects of low-side surges 47923
Marz, S. *see* Biesenack, J. 33836
Marzano, F. *see* Dionisi, C. 7222
Marzat, C. *see* Bretenoux, A. 38663
Marzecki, J. Multistage optimization of medium-voltage and 110 kV power networks under stochastic conditions 16272
Marzetta, T.L., Martinsen, E.A., Plum, C.P. Fast pulse Doppler radar processing accounting for range bin migration 23202
Marziani, M. *see* Alfano, B. 15724
Marziani, M. *see* Gambaccini, M. 15796
Marzilli, M. *see* Salvetti, O. 38979
Marzio, D.Di *see* Di Marzio, D.
Marzo, J.L. *see* Fabregat, R. 14274
Marzorati, A., Anfossi, D. Doppler Sodar measurements and evaluations in complex terrain 16001
Marzorati, A., Elisei, G., Zanzottera, E., Galletti, E. Meteorological measurements by means of active remote sensing systems 15990
Marzorati, A. *see* Brusasca, G. 16625
Marzouk, K. *see* Soliman, F.A.S. 19062
Masa, P. *see* Fried, M. 34679
Masada, E. *see* Matakas, L., Jr. 8657
Masada, E. *see* Morizane, T. 47917
Masada, E. *see* Radulovic, Z. 16961
Masada, E. *see* Sakata, H. 11186
Masada, E. *see* Sakata, H. 16945
Masada, G.Y. *see* Fu-Shin Lee 29102
Masaitis, R.L. *see* Pearton, S.J. 27540
Masakawa, T., Kasamatsu, T., Nagaoka, N. An error correction method for an input waveform estimate by frequency transform method 39681
Masaki, A. Possibilities of deep-submicrometer CMOS for very-high-speed computer logic 10058
Masaki, H. *see* Mizutani, H. 34095
Masaki, I. ASIC approaches for vision-based vehicle guidance 33131
Masaki, I. *see* Bosacchi, B. 40637
Masaki, N., Yoshida, T., Shimizu, T., Miyagawa, M., Sema, N., Ondo, M. Development of T-type sealing end with disconnecting device for 66/77 kV XLPE cables 25005
Masaki, N. *see* Satomi, M. 40373
Masaki, R. *see* Yamamura, H. 48322
Masaki, S. *see* Yamaguchi, H. 37552
Masaki, T. Micro electro discharge machining technologies 26175
Masalkar, P.J. Calculation of concentration profile in ion-exchange waveguides by finite difference ADI method 35432
Masalkar, P.J., Rao, V.V., Sirohi, R.S. Design and fabrication of single mode waveguides in glass by inverse ion-exchange 3108
Masalkar, P.J., Venkateswara Rao, V., Sirohi, R.S. Performance simulation of ion-exchange waveguides 21361
Masalkar, P.J. *see* Krishna Mohan, N. 3915
Masamura, T. *see* Kawazoe, K. 45326
Masanori, M. *see* Ise, T. 4211
Mascarenhas, E.J.P. Applications of electronic circuits in lighting 8970
Mascarenhas, N.D.A., Furuie, S.S., Portal, A.L.S. Global projection estimation methods for the

tomographic reconstruction of images with Poisson noise 38993
Mascarenhas, N.D.A. *see* Fonseca, L.M.G. 39345
Mascher, P. *see* Boudreau, M. 26490
Mascher, P. *see* Pang, Z. 26503
Maschuw, R. *see* Dodd, A.C. 7229
Maschuw, R. *see* Eitel, K. 31763
Mascibrodzki, I. A resolver velocity measurement 48156
Mascibrodzki, I. *see* Kundera, A. 48155
Masciocchi, S., Peisert, A., Ronqvist, C., Vite, D., Wheadon, R. Capacitance measurements on silicon microstrip detectors 7182
Masciocchi, S. *see* Toker, O. 38910
Masdeu-Mas, X., Sole-Pareta, J., Domingo-Pascual, J. Comparison of DQDB +/− and DQDB IEEE 802.6 protocols 14184
Mase, K. Minimization of the number of links in three-level hierarchical telecommunication networks 30262
Mase, K. *see* Inoue, A. 37163
Mase, K. *see* Murakami, K. 32929
Mase, K. *see* Sato, A. 31063
Mase, K. *see* Ueda, N. 45064
Mase, N. *see* Maruyama, T. 24374
Masek, J. *see* Fach, A. 38555
Masek, K. *see* Beranek, J. 35659
Masek, K. *see* Krasa, J. 38849
Maseki, K. Metal halide lamps for optical use 48461
Maselli, S. *see* O'Shaughnessy, K. 47008
Masera, A. *see* Bonaldi, P. 47801
Maserjian, J. *see* Rich, D.H. 34559
Maserjian, J. *see* Thakoor, S. 43180
Maset, E. *see* Dede, E.J. 9042
Maset, E. *see* Dede, E.J. 33166
Masetti, E., Montecchi, M., da Silva, M.P. Analysis of the oxidation of polycrystalline zinc selenide by spectroscopic ellipsometry and photothermal deflection spectroscopy 10897
Masetti, F., Castellan, R., Porta, M. VLSI CMOS implementation of the shuffleout ATM switch interconnection matrix 22738
Masetti, F., Gavignet-Morin, P. Optical fiber buffer for high-performance broadband switching 37685
Masetti, F., Pellat, D., Oudar, J.-L. All-optical shift register for ATM photonic switching and processing applications 37658
Masetti, G. *see* Dalla Betta, G.F. 1378
Masetti, G. *see* Golzio, D. 1070
Masetti, G. *see* Golzio, D. 36272
Masgrau, E., Rodriguez-Fonollosa, J.A., Ardanuy, A. Enhancement of speech by using higher-order spectral modelling 13107
Masgrau, E. *see* Salavedra, J.M. 4539
Mashade, M.B.El *see* El Mashade, M.B.
Mashaie, A., Hughes, E., Goldak, J. Error estimates for finite element solutions of elliptic boundary value problems 9475
Mashchenko, A.I. *see* Baiborodin, Yu.V. 15050
Mashikian, M.S. *see* Boggs, S.A. 35160
Mashiko, S. *see* Mizumoto, I. 11841
Mashiko, S. *see* Mizumoto, I. 46436
Mashiko, T., Kamatani, M., Sato, N. Dual voltage converter with improved power factor and enabling voltage control 9964
Mashiko, T., Kamatani, M., Sato, N. Dual voltage converter with improved power factor and enabling voltage control 17035
Mashiko, T. *see* He, Y. 29158
Mashiko, T. *see* Uno, T. 4088
Mashimo, K. *see* Tsukada, T. 10887
Mashimo, T. *see* Nakamura, A. 15219
Mashimo, Y. *see* Ito, K. 25502
Mashimoto, Y. *see* Tsukada, Y. 19276
Mashiro, S. *see* Tsukada, T. 10887
Masia, F., Aluma, A., Biosca, C., Casamajo, M.T., Antoja, F., Galimany, R. Evaluation of the IL-Phoenix chemistry electrolyte analyser 31822
Masic, N., Pfurtscheller, G. Neural network based classification of single-trial EEG data 24320
Masic, S. *see* Corda, J. 8336
Masini, G., Caputo, D., De Cesare, G., Dobosz, A., Palma, F. Design, realization and characterization of mesa insulated a-Si bulk barrier phototransistor 28653
Masini, G. *see* Caputo, D. 28596
Masini, G. *see* Vincenzoni, R. 27607
Maskara, S.L., Chakrabarti, S. Spread spectrum communications—a review 30598
Maskara, S.L. *see* D'Sousa, J. 29429
Maskell, D.L. *see* Woods, G.S. 15180
Maskell, W.C. *see* Benammar, M. 6651
Maskell, W.C. *see* Benammar, M. 6668
Maslakowski, J. *see* Novak, J.L. 38481
Maslana, E.S. *see* Watt, R.C. 39084
Maslen, V. *see* Davis, T.J. 9627
Maslennikov, A. *see* Artamonov, A. 31697
Maslennikov, V.A., Ustinov, S.M., Shelukhin, N.N. Method of parametric optimization for supplying oscillatory static stability of complex power systems 47390
Masliah, D. *see* Herrera, A. 19145
Maslied, M.A. *see* Hodaie, P. 36185
Masliwec, T. *see* Chung, T. 41519
Maslov, O.N., Tsar'kov, S.V. Field intensity energy spectrum of simple nonsinusoidal wave emitters 12721
Maslov, O.V. *see* Petrenko, A.I. 985
Maslov, V.A., Mikhailov, V.A., Shaunin, O.P., Shcherbakov, I.A. Changes caused in the refractive indices of a KTP crystal by single light pulses with a wavelength of 0.53 μm 12340
Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N., Yundev, D.N. Compact wide-range submillimeter laser 43706
Maslov, V.A. *see* Buritskii, K.S. 3132
Maslova, E.A., Tatashev, A.G. Calculations of the characteristics of a loss preemptive multichannel system 476
Maslovsky, V.M., Simanovich, E.V. Prolonged storage of electrons in MONOS-structures 19457
Maslowski, A. *see* Brown, O. 25053
Maslowski, W.A. Harmonics in power systems 9015
Masmoudi, M. *see* Guillaume, P. 41197
Maso, J.De *see* De Maso, J.
Masol, A.N. *see* Brovdiy, N.K. 23414
Mason, B., Valis, T., Hogg, D. Parallel multiplexing and demodulation of fiber-optic strain gauges 6550
Mason, B.J. No-clean flux appraisal — the total process approach 34350
Mason, B.R., Robinson, R.N. Application of motion compensation to standards conversion and film transfer 6200
Mason, D. *see* Arodzero, A. 7256
Mason, J., Augousti, A.T. Linearly optimised optoelectronic resonant temperature sensor 31189
Mason, J. *see* Augousti, A.T. 43555
Mason, J.B. *see* Le Surf, J.E. 16567
Mason, J.D., Hines, E.L., Gardner, J.W. Analysis of Electronic Nose data using logical neurons 46530
Mason, J.S., Eatock, J. Simple speech classifiers for improved speaker recognition 13129
Mason, J.S., Terchi, A., Chit, N.N. On the design of Chebyshev filters with complex specifications 21751
Mason, J.S. *see* Craig, W.P. 36372
Mason, L. *see* Ke-Qiang Liao 5150
Mason, M. *see* Ziock, H.-J. 46885
Mason, M.J. *see* Hurst, W.M. 25625
Mason, N.J. *see* Aindow, M. 9560
Mason, N.J. *see* Graham, R.M. 18157
Mason, N.J. *see* Khan-Cheema, U.M. 42852
Mason, P.J. Privately financed infrastructure: opportunities and obstacles in the UK 33318
Mason, R.C. *see* Needes, C.R.S. 19261
Mason, R.L. *see* Cutler, R.T. 23484
Mason, S.G., Birch, G.E., Ito, M.R. Improved single-trial signal extraction of low SNR events 45002
Masoni, A., Maron, G., Vedovato, G., Morando, M., Filippini, V., D'Isep, F., Minetti, B. Performances of the Obelix event builder and producer 15659
Masoni, A. *see* Antonelli, A. 24054
Masood Ahmad, M., Debs, A., Wardi, Y. Estimation of the derivatives of generation system reliability indices in Monte Carlo simulation 32372
Masotti, D. *see* Rizzoli, V. 1520
Masotti, D. *see* Rizzoli, V. 19020
Masotti, L. *see* Capineri, L. 24547
Masotti, L. *see* Fort, A. 24262
Masoum, M.A.S., Fuchs, E.F. Transformer magnetizing current and iron-core losses in harmonic power flow 47929
Masoum, M.A.S. *see* Fardoun, A.A. 47568
Masri, S.F., Mustafa, M., de Vries, M.J., Claus, R.O. Experimental study of embedded fiber optic strain gages in concrete structures 23678
Masri, Y.El. *see* He Zhiyong 46884
Masry, E. *see* Chingshyang Lo 22773
Masry, E. *see* Lo, C. 22763
Massa, G.Di *see* Di Massa, G.
Massa, I. *see* Bertin, A. 31795
Massai, M.M. *see* Angelini, F. 7225
Massai, M.M. *see* Angelini, F. 46951
Massam, T. *see* O'Shaughnessy, K. 47008
Massara, R.E. *see* Hamad, H.A. 9911
Massara, R.E. *see* Sagar, V.K. 19933
Massarella, A.J. *see* Sibley, M.J.N. 30794
Massarini, A. *see* Borghi, C.A. 25778
Massarini, A. *see* Borghi, C.A. 25784
Massaro, D.W., Cohen, M.M. Perceiving asynchronous bimodal speech in consonant-vowel and vowel syllables 4508
Massarotti, A., D'Auria, G., Fabris, A., Pasotti, C., Rizzi, V., Rossi, C., Svandrlik, M. Status report on the ELETTRA RF system 15459
Massarotti, A., D'Auria, G., Fabris, A., Pasotti, C., Rossi, C., Svandrlik, M. Further developments of the broad band HOM suppressor at Trieste 15515
Massart, M. *see* Muys, P.F. 28930
Massart, T. A collision problem in OSI standard formal specifications 5468
Masse, D., Bouchard, J., Picolo, J.-L., Coursol, N., Torre, J.P., Zhou, J.W., Coron, N., de Marcillac, P., Leblanc, J., Stoke, H. Further investigations of thermal cryogenic detectors in the field of ionizing radiation metrology 38841
Masse, D. *see* Marchal, A. 13032
Masse, G., Djessas, K. Thermodynamical study of the preparation of $CuInSe_2$ thin films in vertical closed tube systems 33748
Masse, G., Yarzhou, L., Djessas, K. Preparation and study of $CuXY_2$ (X=Ga,In; Y=Se,Te) thin films for solar cell applications 9758
Massengill, L.W., Alles, M.L., Kerns, S.E., Jones, K.L. Effects of process parameter distributions and ion strike locations on SEU cross-section data [CMOS SRAMs] 34067
Massengill, L.W. *see* Milanowski, R.J. 34979
Massenzio, M. *see* D'Agostino, S. 1071
Masseroli, M., Bollea, A., Forloni, G. Quantitative morphology and shape classification of neurons by computerized image analysis 22263
Massey, J.L. *see* Blakley, B. 21543
Massey, J.L. *see* Neeser, F.D. 21467
Massey, J.L. *see* Waldvogel, C.P. 21574
Massey, W.A. *see* Baccelli, F. 37095
Massi, F., Goldlust, B., Stenzel, W.C., Pace, S.E. Pulverized coal state-of-the-art power plant base case design 32653
Massicott, J.F., Brierley, M.C., Wyatt, R., Davey, S.T., Szebesta, D. Low threshold, diode pumped operation of a green, Er^{3+} doped fluoride fibre laser 20664
Massie, J.Z. *see* Butler, R.A. 37333
Massies, J., Grandjean, N. Oscillation of the lattice relaxation in layer-by-layer epitaxial growth of highly strained materials 688
Massies, J. *see* Courboules, B. 41266
Massies, J. *see* Grandjean, N. 732
Massies, J. *see* Grandjean, N. 18154
Massig, J.H., Preissler, M., Wegener, A.R., Gaida, G. Real-time confocal laser scan microscope for examination and diagnosis of the eye in vivo 39004
Massimino, M. *see* deFigueiredo, R.J.P. 39144
Massimo Brancaccio, F. *see* Bocciolini, M. 24082
Massini, A. *see* De Biase, G.A. 5176
Massiot, M. *see* Gallo, S. 17855
Massip-Pailhes, L. *see* Chebaro, B. 22287
Massit, C. *see* Nicholas, G. 17847
Masson, F. The German Post and Telecommunications Organization's (BAPT) radio transmission and surveillance network 6172
Masson, M., Malaise, N., Housiaux, A., De Keyser, V. Organizational change and human expertise in nuclear power plants: some implications for training and error prevention 16526
Massone, C.A. *see* Castro, M.P.P. 3437
Massone, C.A. *see* Tsui, K.H. 3459
Massoud, H.Z. *see* Conrad, K.A. 27737
Massoud, H.Z. *see* Sampson, R.K. 38733
Massoud, H.Z. *see* Sampson, R.K. 42389
Mast, D.B. *see* Qian, G. 20204
Mast, K.F. *see* Lang, P.T. 15023
Mast, M., Kummert, F., Ehrlich, U., Fink, G.A., Kuhn, T., Niemann, H., Sagerer, G. A speech understanding and dialog system with a homogeneous linguistic knowledge base 36599
Mastebroek, H.A.K. *see* Van Deemter, H. 36966
Masten, G. *see* Hegeler, F. 35127
Masterman, H.C., Fray, R.R. An approach to the derivation of large screen display requirements 38624
Masters, A.R., Jones, J.D. Basic design guidelines for embedded piezo-actuators in a layered composite structure 28327
Masterton, G.H. *see* Hack, M. 28143
Mastinu, P.F., Milazzo, P.M., Bruno, M., D'Agostino, M., Manduci, L. Calibration of CsI(Tl) scintillators for heavy ions ($3 \leqslant Z \leqslant 54$) in a wide energy range (E/u≤60 MeV/u) 31723
Mastovsky, I. *see* Bekefi, G. 19299
Mastovsky, I. *see* Bekefi, G. 43698
Mastragostino, M. *see* Duek, E.A.R. 28501
Mastri, F. *see* Rizzoli, V. 1520
Mastri, F. *see* Rizzoli, V. 19020
Mastrogiacomo, L. *see* Di Fabrizio, E. 27925
Mastrogiacomo, L. *see* Gentili, M. 27982
Mastrogiacomo, L. *see* Luciani, L. 27926
Mastronardi, N. *see* Amodio, P. 600
Mastropietro, R.A., LeBeau, R. Rebuild and enlargement of existing weighted-wire ESPs as a result of coal switching 8176
Masu, K. *see* Tsubouchi, K. 14325
Masu, K. *see* Tsubouchi, K. 34794
Masubuchi, K. *see* Tanabe, A. 31270
Masuchi, T. *see* Sawa, S. 21364
Masuda, H., Aida, K. Gain monitoring of erbium-doped fiber amplifiers by detecting spontaneous emission 12076
Masuda, H., Aida, K., Nakagawa, K. Noise figure monitoring of a cascaded in-line erbium-doped fiber amplifier 43795
Masuda, H., Nishio, K., Baba, N. Fabrication of a one-dimensional microhole array by anodic oxidation of aluminum 10933
Masuda, H. *see* Hashimoto, Y. 23960
Masuda, H. *see* Kato, T. 3053
Masuda, H. *see* Kato, Y. 35067
Masuda, H. *see* Mochizuki, K. 19794
Masuda, H. *see* Murakawa, K. 29210
Masuda, H. *see* Yamashita, I. 37385
Masuda, I. *see* Itoh, K. 20329
Masuda, I. *see* Takahashi, Y. 5433
Masuda, J. *see* Nagashima, Y. 23149
Masuda, J.-I. *see* Nishimura, C. 22745

Masuda, K. *see* Ishihara, K. 15715
Masuda, K. *see* Sogoh, Y. 18228
Masuda, K. *see* Yoshinaga, H. 1605
Masuda, M., Maeda, K., Kobayashi, T., Shiomi, S. Magnetostatic uniaxial anisotropy in metal magnetic tape 28387
Masuda, M. *see* Akamatsu, K. 10918
Masuda, M. *see* Deguchi, H. 30941
Masuda, M. *see* Ohtsubo, H. 14823
Masuda, S., Hosokawa, S., Tu, X.-L., Sakakibara, K., Kitoh, S., Sakai, S. Destruction of gaseous pollutants by surface-induced plasma chemical process (SPCS) 4007
Masuda, S., Hosokawa, S., Tu, X.-L., Tsutsumi, M., Ohtani, T., Tsukahara, T., Matsuda, N. The performance of an integrated air purifier for control of aerosol, microbial, and odor 4006
Masuda, S. *see* Itoh, T. 44224
Masuda, S. *see* Oda, T. 4008
Masuda, S. *see* Przybilla, K.J. 11052
Masuda, S. *see* Roschert, H. 11047
Masuda, S. *see* Sato, K. 27368
Masuda, T., Kimura, N., Kobayashi, K. Application of CAE in planning and developing elevator and building-management systems 40579
Masuda, T., Negishi, A., Tanaka, K., Honda, T., Fujii, T. Power-generating performance of alkali metal thermoelectric converter 17412
Masuda, T., Yamamoto, K., Yamada, H. Extraction of symmetry properties using correlation with rotated and reflected images 4803
Masuda, T., Yokoya, N. A robust method for registration and segmentation of multiple range images 37045
Masuda, T. *see* Nonogaki, M. 1734
Masuda, T. *see* Ogimoto, K. 16170
Masuda, T. *see* Saitoh, Y. 7254
Masuda, W. *see* Imada, G. 3443
Masuda, W. *see* Imada, G. 20637
Masuda, Y., Ichijo, B., Fujii, M. The portable type of low-impedance meter 46692
Masuda, Y. *see* Seki, H. 23791
Masugata, K. *see* Imada, G. 3443
Masugata, K. *see* Imada, G. 20637
Masugata, K. *see* Yatsui, K. 20952
Masugi, M. Analysis of transitional responses of electric fields accompanied by a movement of a discharge electrode 21284
Masugi, M., Satoh, M. Study on measurement method for quasi-stationary continuous electromagnetic interference wave when malfunctions occur 44465
Masugi, M. *see* Murakawa, K. 29210
Masuhara, H. *see* Sugimura, H. 27725
Masuhara, N. *see* Mikheev, V.A. 23931
Masui, H., Tanaka, A., Miyoshi, K. Engineering office systems for concurrent engineering 45654
Masui, H. *see* Kinugasa, N. 38341
Masui, N., Murata, Y. Impact charging of insulators 44223
Masui, N., Tanaka, H., Ichinose, M., Makino, Y. Functions and human-machine interface of INMOS-V0 14016
Masui, T., Nasu, Y., Shimizu, E. Data compression methods for document image including screened halftones 36833
Masui, T. *see* Inujima, H. 25597
Masukawa, S. *see* Iida, S. 16977
Masukawa, S. *see* Iida, S. 40299
Masullo, M.R. *see* Bartalucci, S. 7054
Masullo, M.R. *see* Biagini, M.E. 15379
Masullo, M.R. *see* Di Massa, G. 7075
Masumi, T. *see* Tahata, S. 15150
Masumo, K. *see* Yuki, M. 28280
Masumori, K. *see* Sugibayashi, T. 26919
Masumori, K. *see* Sugibayashi, T. 26954
Masumoto, D., Ichiki, H., Yoshizawa, H. An analog neurochip and its applications to multilayered artificial neural networks 18933
Masumoto, H. *see* Ohsawa, T. 14533
Masumoto, K. *see* Abe, S. 41286
Masumoto, K. *see* Mochizuki, K. 26397
Masumoto, T. *see* Kawamura, Y. 20163
Masumoto, T. *see* Ohnuma, S. 2859
Masumoto, T. *see* Suzuki, K. 2846
Masumoto, T. *see* Yamashita, A. 35045
Masumoto, Y. *see* Taguchi, T. 3593
Masuno, H. *see* Mochizuki, M. 1573
Masunov, E.S., Leonov, V.N., Novikov, A.P., Avrelin, N.V. A project of ion linear undulator accelerator with transverse RF-field 7011
Masuoka, F. Flash memory 34074
Masuoka, F. *see* Hasegawa, T. 26920
Masuoka, F. *see* Hasegawa, T. 26952
Masuoka, P. *see* Kusky, T.M. 47235
Masut, K.-D. *see* Frohlingsdorf, G. 22866
Masut, R.A. *see* Singh, A. 19743
Masut, R.A. *see* Tran, C.A. 33643
Masut, R.A. *see* Watkins, S.P. 33645
Masutani, S.M. *see* Nihous, G.C. 39973
Masutani, Y. *see* Sugawara, T. 6690
Masuyama, S. *see* Cheng, P. 504
Masuyama, S. *see* Cheng, P. 33488
Masuyama, S. *see* Peng Cheng 26309
Masuzawa, H., Harima, K., Morikawa, T., Tesima, T. Calibration system for 1~5 GHz band field strength meters 14865
Masuzawa, K. *see* Harada, T. 38042
Maswood, A.I. System modeling of power electronic circuit for harmonic investigation 1020
Maswood, A.I. Unbalance supply and its effect on the input current quality of naturally and forced commutated rectifiers 7716
Masychev, V.I., Sysoev, V.K., Alejnikov, V.S. Low-power nonstability of multiline CO-lasers: the compensation effect of several lines oscillating at once 28719
Masyukov, I.V. *see* Yatsenko, N.A. 28735
Masyurenko, Yu.A. *see* Bolkova, E.D. 31435
Maszara, W. *see* Annamalai, N.K. 34984
Maszara, W.P. *see* Warren, W.L. 34633
Matabon, M. *see* Goldstein, L. 18141
Mataga, P.A. *see* Bhihe, C.K. 41397
Matagne, E. New PWM inverter modelling method applied to the design of a current controller for three-phase high performance PM synchronous actuator 8342
Matakas, L., Jr., Masada, E. Multi converter implementation by parallel association of K voltage source converters—control method 8657
Mataki, H. Laser diodes for optical memories and data communications 3597
Matamontero, S. *see* Balzer, G. 44130
Matange, N. Technical specification writing, some tips 41033
Matano, M. *see* Yoshida, M. 15100
Matano, T. *see* Sugibayashi, T. 26919
Matano, T. *see* Sugibayashi, T. 26954
Matar, S., Mohn, P. Electronic and magnetic properties of Fe_3N and FeN: trends of the magnetism of the Fe-N system 2794
Matarazzo, S., Barbanera, S., Boffa, V., Bruzzese, R., Ciciulla, F., Gambardella, U., Murtas, F., Pagano, S., Penna, M., Romeo, C. DC SQUIDs based on YBCO step edge junctions 43346
Matarazzo, S., Pagano, S. High T_c SQUIDs with intrinsic grain boundary junctions 35271
Matausek, M.R. *see* Jeftenic, B.I. 17512
Matay, G. *see* DiBitonto, D. 31722
Mate, C.M. Nanotribology studies of carbon surfaces by force microscopy 2816
Mate, C.M. *see* Forcada, M.L. 2817
Mateescu, I., Candet, E. Non-uniform distribution of motion influence on the effective mass-loading in AT-cut quartz resonators 20096
Matejcik, S., Trnovec, J., Necas, J. Damage induced during plasma etching of Al interconnections 10925
Matel'skii, M.A. *see* Pospelova, T.G. 8033
Matendo, S.K. A single-server queue with server vacations and a batch Markovian arrival process 41049
Mateo, J. *see* Garcia Ruiz, E. 6396
Mateo, M.L.de *see* de Mateo, M.L.
Mateos, F. *see* Pascual, I. 21094
Matera, F., Mecozzi, A., Romagnoli, M., Settembre, M. Evolution of signals in long-haul fiber links 5895
Matera, F. *see* Betti, S. 5941
Matera, F. *see* Camarda, P. 23061
Matera, F. *see* De Marchis, G. 5865
Matera, F. *see* De Marchis, G. 38103
Matera, F. *see* Galtarossa, A. 46023
Matera, F. *see* Iannone, E. 23029
Matera, F. *see* Iannone, E. 37987
Matera, M. *see* Eramo, R. 44063
Materdey, T. *see* Garcia, S.G. 30885
Mates, B.T. I can see what you're saying [technology aids persons with hearing and speech impairments] 7487
Matevosov, G.A., Tsvetov, E.R. Holographic recording of wideband signals with time integration 12414
Matevossian, L.A. *see* Alexanian, A.G. 1917
Matey, J.R. UVR Mark II: the history of an automated instrument 6322
Mathai, E. *see* John, K.J. 33735
Mathan, B.de *see* de Mathan, B.
Mathar, R., Mattfeldt, J. Channel assignment in cellular radio networks 22850
Mathauer, V. Network planning for GSM and trunking systems 14477
Mathelin, M.de *see* de Mathelin, M.
Mather, H. Design for logistics (DFL)—the next challenge for designers 9207
Mather, R.T. *see* Pool, F.S. 41425
Matheron, G. *see* Borel, J. 34184
Mathers, N.B.R. *see* Evans, J. 39897
Mathers, N.B.R. *see* Evans, J. 47765
Matheson, J. *see* Beaumont, S.P. 15637
Mathet, V. *see* Nguyen-Van-Dau, F. 15029
Mathew, G., Dasgupta, S., Reddy, V.U. Improved Newton-type algorithm for adaptive implementation of Pisarenko's harmonic retrieval method and its convergence analysis 45005
Mathew, R., Oghanna, W. Simulation of a three level inverter-induction motor system 40215
Mathew, R. *see* Khairnar, R.S. 27424
Mathews, B. *see* Asthana, A. 41787
Mathews, C. *see* Jay, B.E. 40443
Mathews, J.R. *see* Ford, A.E.W. 16358
Mathews, P. Trends in intelligent sensors 46406
Mathews, V.J. *see* Syed, M.A. 13227
Mathews, V.K., Ditali, A., Fazan, P.C. Physical and electrical characteristics of thin silicon nitride dielectric films deposited on smooth and rugged polycrystalline silicon after rapid thermal nitridation 41467
Mathews, V.K., Fazan, P.C., Maddox, R.L. Residues, polycrystalline silicon voids, and active area damage with the polycrystalline silicon buffered local oxidation of silicon isolation process 19575
Mathews, V.K., Thakur, R.P.S., Ditali, A., Fazan, P.C. Influence of surface preparation prior to thermal nitridation on the electrical characteristics of silicon nitride films deposited on polycrystalline silicon films 10965
Mathews, V.K. *see* Maddox, R.L. 19987
Mathewson, A., Alderman, J.C., Ryan, J., Redfern, R.M., Wrixon, G.T. Photon counting arrays for spatially varying, low light level signals 23586
Mathewson, A. *see* O'Leary, A. 804
Mathewson, A.G. *see* Gomez-Goni, J. 15313
Mathewson, A.G. *see* Gomez-Goni, J. 15314
Matheys, J.-P. *see* Bozzoli, W. 38923
Mathias, C.J. Mobile computers: old limitations become new opportunities 45521
Mathias, W.M. *see* Collins, F.M. 47978
Mathieson, C. *see* Vuong, S.T. 37139
Mathieson, D. *see* Bourianoff, G. 38776
Mathieson, M. *see* Cadwallader, M. 8168
Mathieu, J. *see* Jacobs, R. 39774
Mathieu, N. *see* Mounib, A. 19764
Mathieu, P. *see* Gaidon, T. 22189
Mathieu, P. *see* Haddad, P. 22012
Mathieu, P. *see* Jopp, K. 8230
Mathieu, P. *see* Wong, S.K. 44062
Mathieu, R.G., Gibson, J.E. A methodology for large-scale R&D planning based on cluster analysis 202
Mathiopoulos, P.T. *see* Bouras, D.P. 4365
Mathiopoulos, P.T. *see* Shin, S.S. 5776
Mathiot, D. *see* Gouy-Pailler, P. 19628
Mathiot, J.F. *see* Malek, F. 38936
Mathioudakis, K. *see* Loukis, E. 47777
Mathiprakasam, B. *see* Mei, V.C. 25904
Mathis, C.M. *see* Hayes, C.E. 47063
Mathisen, K.M. *see* Damhaug, A.C. 41213
Mathoorasing, D., Kazmierski, C., Blez, M., Ougazzaden, A., Mircea, A. Mixing properties of a 20-GHz-bandwidth 1.5-μm MQW DFB laser in Ku and Ka bands 35781
Mathoorasing, D., Kazmierski, C., Blez, M., Sorel, Y., Kerdiles, J.F., Henry, M., Thebault, C. 109 km transmission experiment at 20 Gbit/s with directly modulated DFB V-on-U groove (VUG) laser 46012
Mathoorasing, D. *see* Blez, M. 12152
Mathukumar, V. *see* Bhattacharyya, P.K. 16532
Mathuni, J. *see* Pamler, W. 27700
Mathur, A. *see* Dubovitsky, S. 43934
Mathur, A. *see* Mathur, P. 23076
Mathur, A. *see* Wirtz, R.A. 40952
Mathur, B.P., Arshak, K.I. The effect of duty ratio in phase shift mask design 28011
Mathur, B.P., Arshak, K.I., Bradell, J., McDonagh, D., Arshak, A. Modelling of silylated resist profile in DESIRE process 11090
Mathur, B.P. *see* Arshak, K.I. 34862
Mathur, M. *see* Fathy, A. 1482
Mathur, M. *see* Sanders, J.W. 19474
Mathur, P., Mathur, A., Dhananjay, P., Srivastava, A., Madan, N., Manna, D. Design and development of high speed optical interface for synchronous optical networks 23076
Mathur, P.C. *see* Gaughan, K. 27627
Mathur, P.C. *see* Mehra, R.M. 42434
Mathur, S. Improved performance of Root-Music with sensor perturbations 13241
Mathys, L. *see* Abe, K. 7260
Mathys, L. *see* Abe, K. 15619
Mathys, L. *see* Abe, K. 46930
Mathys, P. *see* Bertha, F. 2434
Mathys, P. *see* Claessens, P. 17541
Mathys, P. *see* Wyns, A. 17052
Matienzo, L.J. *see* Jimarez, L.J. 1737
Matijasevic, G., Chen, Y.C., Lee, C.C. Copper-tin multilayer composite solder 286
Matikas, T.E. *see* Mann, L.L. 9811
Matilainen, M. *see* De Bosscher, W. 19633
Matilia, S.I. *see* Mohammed, M.S. 1337
Matin, M.A., Benson, T.M., Kendall, P.C., Stern, M.S. New technique for finite difference analysis of optical waveguide problems 28479
Matin, M.A., Jezierski, A.F., Bashar, S.A., Lacklison, D.E., Benson, T.M., Cheng, T.S., Roberts, J.S., Sale, T.E., Orton, J.W., Foxon, C.T., Rezazadeh, A.A. Optically transparent indium-tin-oxide (ITO) ohmic contacts in the fabrication of vertical-cavity surface-emitting lasers 35837
Matinaga, F. *see* Yamamoto, Y. 20852
Matkhanov, P.N. *see* Basharin, S.A. 33857
Matko, V., Donlagic, D., Koprivnikar, J. Measurement of 0-1 ml volumes using the procedure of capacitive-dependent crystals 14989
Matlashov, A.N. New approaches to biomagnetic measurements and signal processing 7362
Matloubian, M., Jelloian, L.M., Brown, A.S., Nguyen, L.D., Larson, L.E., Delaney, M.J., Thompson, M.A., Rhodes, R.A., Pence, J.E. *V*-band high-efficiency high-power AlInAs/GaInAs/InP HEMTs 1503
Matloubian, M., Jelloian, L.M., Brown, A.S., Nguyen, L.D., Larson, L.E., Delaney, M.J., Thompson, M.A., Rhodes, R.A., Pence, J.E. V-band high-efficiency high-power AlInAs/GaInAs/InP HEMT's 42211

Matloubian, M., Jelloian, L.M., Lui, M., Liu, T., Larson, L.E., Nguyen, L.D., Le, M.V. GaInAs/InP composite channel HEMT's 28189
Matloubian, M. *see* Brown, J.J. 27203
Matloubian, M. *see* Kobayashi, K.W. 2890
Matloubian, M. *see* Lam, W. 19120
Matney, K. *see* Jenkins, J.M. 24305
Matney, S.C. *see* Foster, R.S. 21835
Matoba, M. *see* Nohtomi, A. 46966
Matoba, M. *see* Rashid, M.M. 24098
Matoba, S. *see* Iskandar, M.A. 24773
Matoba, S. *see* Iyoda, I. 39551
Matoba, T., Hata, H., Hirano, Y., Okano, Y. Servo IC for industrial recorders 18897
Matola, M. *see* Eskelinen, P. 12729
Matono, T. *see* Ohsawa, H. 23317
Matora, I.M. *see* Anan'ev, V.D. 47677
Matos, J.N., Gameiro, A., Monteiro, P., da Rocha, J.F. Bit synchronization in multigigabit receivers 30294
Matos, J.N., Gameiro, A., Monteiro, P., da Rocha, J.F. Dielectric resonator based synchronizer for multigigabit optical communications 30770
Matos, J.S., Pinto, F.S., Ferreira, J.M.M. A boundary scan test controller for hierarchical BIST 6315
Matous, G. *see* Fischer, D.W. 19524
Matousek, J., Welzl, E., Wernisch, L. Discrepancy and approximations for bounded VC-dimension [graph colouring] 26313
Matousek, V. *see* Morhac, M. 29577
Matov, O.R., Polischuk, O.V., Popov, V.V. Electromagnetic emission from two-dimensional plasmons in a semiconductor-dielectric structure with metal grating: rigorous theory 3104
Matragi, W. *see* Bisdikian, C.C. 45314
Matras, A. *see* Ciesla, A. 44276
Matras, A. *see* Jagiello, A.S. 40252
Matricciani, E. Physical-mathematical model of dynamics of rain attenuation with application to power spectrum 44366
Matrone, G. *see* McShan, D.L. 7464
Matrosov, S.Y. Possibilities of Cirrus particle sizing from dual-frequency radar measurements 32089
Matrosov, S.Y., Kropfli, R.A. Cirrus cloud studies with elliptically polarized Ka-band radar signals: a suggested approach 39378
Matrosov, V.V. *see* Ponomarenko, V.P. 26649
Matrosov, V.V. *see* Ponomarenko, V.P. 26737
Matsik, S. *see* Perera, A.G.U. 34873
Matson, C.L. Fourier spectrum extrapolation and enhancement using support constraints 36762
Matson, J., Davis, R. Ultrasonic flowmeters offer reliable solution to stack monitoring 46381
Matsouka, M. *see* Imai, Y. 25028
Matsu-ura, K. *see* Funaki, T. 7919
Matsu-ura, K. *see* Kimura, N. 16158
Matsu-ura, K. *see* Kimura, N. 16242
Matsuba, H. *see* Imai, K. 4151
Matsuba, K. *see* Kurata, Y. 17635
Matsuba, M. *see* Marumoto, K. 27856
Matsubara, G., Eikyu, K., Miyazaki, M., Kimura, H., Okabe, Y. Fabrication of $YBCO/PBCO/SrTiO_3/PBCO/YBCO$ layered structure for superconductor-insulator-superconductor tunnel-type Josephson junction 2888
Matsubara, H. *see* Eguchi, F. 37637
Matsubara, H. *see* Takeuchi, S. 16741
Matsubara, K. *see* Watanabe, M. 43842
Matsubara, M., Ohkawa, H., Yoshimaru, T., Yoshida, N., Koyahara, S. Write-once optical disk using Ge-Sb-Te/Bi-Te bilayer film for mark-edge recording 20256
Matsubara, S., Miyazaki, S., Sakuma, T., Miyasaka, Y. Advances in ferroelectric thin film research at NEC and in Japan 11403
Matsubara, S. *see* Kaneko, S. 38096
Matsubara, T. *see* Kobayashi, K. 850
Matsubara, Y., Pazda, R.J., Jones, T.B. Effect of fill pipe on transient decay of surface potential in a cylindrical vessel containing charged liquid 36117
Matsubara, Y. *see* Sumi, M. 21136
Matsubara, Y.-I., Li, J., Yoshida, H., Shinohara, S., Tsuchiya, E., Ikeda, H. Pulse-width-modulated video signal transmission through optical fiber 14666
Matsubayashi, M. *see* Yagi, S. 30624
Matsuda, A., Ganguly, G., Suzuki, A. Defect control in the growth process of hydrogenated amorphous silicon from a silane glow-discharge plasma 33690
Matsuda, A. *see* Kamel, T. 33707
Matsuda, A. *see* Suzuki, A. 2187
Matsuda, A. *see* Suzuki, A. 33709
Matsuda, A. *see* Toyoshima, Y. 41398
Matsuda, H. Interconnecting dispersed photovoltaic power generation systems with existing utility grid: a study at Rokko inland test facility, Japan 47812
Matsuda, H., Ishihara, T., Mizuhara, Y., Takita, Y. Oxygen ion conductivity of doped $LnAlO_3$ Perovskite oxide 17260
Matsuda, H., Komori, K., Kimura, T., Seri, H., Ohta, K., Toyoguchi, Y., Ikoma, M., Matsumoto, I. Nickel/metal hybride sealed battery for electric vehicles. I. Basic characteristics 48338
Matsuda, H., Takano, O. Development of an electroless CoNiZnP solution for high coercivity films 2842
Matsuda, H., Takano, O., Grundy, P.J. Characteristics of electrolessly deposited CoReNiMnP films with perpendicular magnetic anisotropy 20136
Matsuda, H. *see* Ishihara, T. 17331
Matsuda, H. *see* Ishiji, T. 38738
Matsuda, H. *see* Miyagoshi, T. 33994
Matsuda, H. *see* Nalwa, H.S. 26391
Matsuda, I., Itoh, S., Utsunomiya, T. Adaptive KL-transform coding of colour images based on variable-shape-blocks 45237
Matsuda, I. *see* Itoh, S. 13806
Matsuda, K. *see* Adachi, H. 43864
Matsuda, K. *see* Morimatsu, E. 30965
Matsuda, K. *see* Nishida, K. 23830
Matsuda, K. *see* Sugino, T. 27568
Matsuda, K. *see* Yamauchi, M. 15811
Matsuda, M. *see* Mori, K. 21777
Matsuda, M. *see* Shoji, H. 43837
Matsuda, N., Okuzono, H., Yoshida, T., Fujimura, E., Niboshi, A. Development of super wideband leaky coaxial cable 22747
Matsuda, N. *see* Masuda, S. 4006
Matsuda, N. *see* Osawa, H. 25379
Matsuda, N. *see* Uehara, G. 11539
Matsuda, O. *see* Kobayashi, T. 3642
Matsuda, R., Taki, K., Ohashi, Y., Hamaguchi, T., Maruyama, H. Recording properties of magneto-optical disks with metal guiding layers 43558
Matsuda, S., Shimizu, K., Yamamoto, K., Hatsuda, T. Multiplexing technique of audio and medical signals for emergency radio 14098
Matsuda, S., Uesugi, M., Yoshida, S. Abnormal epitaxial layer of AlGaAs/GaAs solar cells for space applications 40495
Matsuda, S. *see* Goda, Y. 25020
Matsuda, S. *see* Goda, Y. 32417
Matsuda, S. *see* Iinuma, T. 11297
Matsuda, S. *see* Itoh, N. 11298
Matsuda, S. *see* Katsu, T. 24442
Matsuda, S. *see* Kuboyama, S. 34985
Matsuda, S. *see* Saito, M. 34957
Matsuda, S. *see* Shirakawa, T. 17356
Matsuda, S. *see* Tsuji, H. 28422
Matsuda, T., Okuno, Y. Numerical analysis of plane-wave diffraction by a metallic grating with a dielectric overcoating 12547
Matsuda, T. *see* Akao, N. 41491
Matsuda, T. *see* Fukunaga, C. 46852
Matsuda, T. *see* Ikata, O. 2765
Matsuda, T. *see* Konaka, S. 35065
Matsuda, T. *see* Nii, T. 42976
Matsuda, T. *see* Ohki, S. 27859
Matsuda, T. *see* Otaka, A. 27849
Matsuda, T. *see* Saitoh, Y. 7254
Matsuda, T. *see* Saitoh, Y. 46854
Matsuda, T. *see* Satoh, Y. 35202
Matsuda, T. *see* Somemura, Y. 27865
Matsuda, T. *see* Tanaka, M. 46975
Matsuda, T. *see* Uchiyama, S. 27874
Matsuda, Y. *see* Akasaka, N. 5917
Matsuda, Y. *see* Djennas, F. 388
Matsuda, Y. *see* Djennas, F. 40942
Matsuda, Y. *see* Iijima, T. 48064
Matsuda, Y. *see* Ishikawa, M. 48066
Matsuda, Y. *see* Ooishi, T. 18729
Matsuda, Y. *see* Tokunaga, N. 17036
Matsudaira, T. *see* Tian, H. 2813
Matsudo, O. *see* Kanaya, N. 15318
Matsudo, T., Minamisono, K., Karasawa, Y., Shiokawa, T. A prediction model of signal degradation in LMSS for urban areas 36178
Matsudo, T. *see* Yamanouchi, K. 2760
Matsueda, H. Mesoscopic OEIC 35632
Matsufuji, S., Imamura, K. Approximate odd periodic correlation distributions of binary sequences 4404
Matsuguchi, M., Sadaoka, Y., Nuwa, Y., Shinmoto, M., Sakai, Y., Kuroiwa, T. Capacitive-type humidity sensors using polymerized vinyl carboxylate 46365
Matsuhara, M., Kamura, M., Maruta, A. Boundary element analysis of electromagnetic fields in cylindrical structures 4185
Matsuhara, M. *see* Ise, T. 21365
Matsuhashi, R., Ishitani, H. Analysis of integrated resource planning including energy conservation 24853
Matsuhashi, S. *see* Harakawa, T. 5706
Matsuhiro, K. *see* Ino, M. 35096
Matsui, H., Tomita, Y., Irishima, T., Ibaraki, H. An ISDN basic interface videophone 30561
Matsui, K., Yamamoto, I., Tsuboi, K., Iwata, K., Muto, S., Sato, K., Ueda, F. A forward converter reducing current harmonics in power system 24619
Matsui, K. *see* Hara, O. 10608
Matsui, K. *see* Miyamoto, S. 34050
Matsui, K. *see* Nomura, E. 40067
Matsui, K. *see* Polifko, D. 1441
Matsui, K. *see* Tsuboi, K. 8366
Matsui, M. Linear cryptanalysis method for DES cipher 29500
Matsui, M., Sasaki, W. Reverse annealing in Hall mobility recovery in irradiated arsenic-doped germanium 27460
Matsui, M., Yamagishi, A. A new cryptanalytic method for FEAL cipher 36567
Matsui, M. *see* Fuma, M. 14853
Matsui, M. *see* Himi, H. 27720
Matsui, M. *see* Ohta, K. 36568
Matsui, M. *see* Suzuki, A. 10173
Matsui, N., Hori, Y. Advanced technologies in motor control 25377
Matsui, N. *see* Gastli, A. 8356
Matsui, N. *see* Gastli, A. 16847
Matsui, N. *see* Gastli, A. 40526
Matsui, N. *see* Raghuram, R. 17865
Matsui, N. *see* Takeshita, T. 25529
Matsui, N. *see* Takeshita, T. 25539
Matsui, N. *see* Takeshita, T. 25540
Matsui, S. Cross-sectional observation of resist patterns by focused ion beam etching 28054
Matsui, S., Suto, K., Kikushima, K., Yoneda, E. A novel optical receiver for AM/QAM/FM hybrid SCM video distribution systems 14659
Matsui, S. *see* Matsuura, T. 11645
Matsui, S. *see* Ochiai, Y. 27834
Matsui, S. *see* Ogai, K. 27868
Matsui, S. *see* Uchiyama, K. 10192
Matsui, S. *see* Usami, K. 28408
Matsui, S. *see* Watanabe, H. 3319
Matsui, S. *see* Watanabe, H. 27697
Matsui, S. *see* Watanabe, H. 27747
Matsui, T., Araki, K., Kiyokawa, M. Gaussian-beam open resonator with highly reflective circular coupling regions 34227
Matsui, T., Kitahara, S., Yamagata, H., Hanaki, S. Three-axis optical head of balanced driving type for high density optical disc player 46258
Matsui, T. *see* Ikebe, Y. 18049
Matsui, T. *see* Ishibashi, K. 24855
Matsui, T. *see* Matsumoto, T. 24865
Matsui, T. *see* Nonogaki, M. 1734
Matsui, T. *see* Ohtsuka, K. 10886
Matsui, T. *see* Zhen Wang 19073
Matsui, Y. *see* Arahira, S. 43900
Matsui, Y. *see* Arahira, S. 43915
Matsui, Y. *see* Aya, S. 11096
Matsui, Y. *see* Katoh, Y. 20769
Matsui, Y. *see* Marumoto, K. 27856
Matsui, Y. *see* Takenaka, N. 6240
Matsui, Y. *see* Trube, J. 27992
Matsukawa, F., Ouchida, H., Nunoshita, M. Effects of illumination on the display quality of VDT 6706
Matsukawa, K. *see* Konno, K.-i. 1609
Matsukawa, M. *see* Kurita, A. 36026
Matsukawa, Y. *see* Mizutani, T. 35163
Matsuki, H. *see* Yamaguchi, K. 1668
Matsuki, J., Katagi, T., Okada, T. Effect of slot ripples on damper windings of synchronous machines 8337
Matsuki, J., Okada, T. A new power system stabilizer based on field flux control 7786
Matsuki, J., Okada, T., Tamaishi, Z.-i., Kotsuji, A. Experimental study on hunting phenomena in synchronous generators 40118
Matsuki, K. *see* Sugawara, M. 48062
Matsuki, K. *see* Usami, A. 10765
Matsuki, M., Mori, S. Oscillations in negative resistance oscillatory circuit containing periodically operating analog switch 1105
Matsuki, M. *see* Yamaguchi, H. 23778
Matsuki, T. *see* Higaki, N. 34086
Matsukiyo, H. *see* Raue, R. 20518
Matsumae, Y. *see* Horii, K. 5925
Matsumae, Y. *see* Iwasaki, T. 42555
Matsumaru, Y. *see* Di Zhang 25648
Matsumi, S. *see* Nishiwaki, H. 17385
Matsumoto, A. Prospects open for compact logic analyzers in measuring equipment field 38421
Matsumoto, C. *see* Nikawa, K. 42774
Matsumoto, E. Galvanometers and the invention of self-balancing recorders 6672
Matsumoto, E. The history of electrical measuring instruments—searching for the origin of diagonal scaling which was the laboratory standard meter scale 23407
Matsumoto, G. *see* Mizutani, Y. 47087
Matsumoto, G. *see* Tsuda, S. 31930
Matsumoto, H., Eki, Y., Kaji, A., Nigawara, S., Tokuhira, M., Suzuki, Y. An operation support expert system based on on-line dynamics simulation and fuzzy reasoning for startup schedule optimization in fossil power plants 32634
Matsumoto, H., Nishikawa, T. Design of miniaturized dielectric duplexer with attenuation poles 42030
Matsumoto, H., Oyaizu, I. Encryption board for the ITU-T standard audiovisual services 30556
Matsumoto, H., Umemoto, Y., Ohishi, Y., Takahama, M., Hiruma, K., Oda, H., Miyazaki, M., Imamura, Y. 0.15 μm gate j-AlGaAs/n-GaAs HIGFET with a 13.3 S/Vcm K-value 19831
Matsumoto, H., Yamashita, Y. Unsupervised speaker adaptation from short utterances based on a minimized fuzzy objective function 13017
Matsumoto, H. *see* Carty, T. 3758
Matsumoto, H. *see* Clendenin, J. 38808
Matsumoto, H. *see* Colgate, J.E. 29110
Matsumoto, H. *see* Fukuda, Y. 4576
Matsumoto, H. *see* Honda, T. 3878
Matsumoto, H. *see* Kaya, N. 32381
Matsumoto, H. *see* Kodama, H. 39015

Matsumoto, H. *see* Kotani, M. 9866
Matsumoto, H. *see* Kotani, M. 32141
Matsumoto, H. *see* Mangelsdorf, C. 27024
Matsumoto, H. *see* Miyamoto, H. 20434
Matsumoto, H. *see* Okada, M. 4140
Matsumoto, H. *see* Tsujihashi, Y. 41853
Matsumoto, I. *see* Enokizono, M. 48366
Matsumoto, I. *see* Ikoma, M. 40423
Matsumoto, I. *see* Matsuda, H. 48338
Matsumoto, I. *see* Morishita, N. 48339
Matsumoto, J. *see* Elford, R.F. 24987
Matsumoto, K., Rokushima, K., Yamakita, J. Analysis of wave guidance by surface-relief grating waveguides for oblique propagation 20347
Matsumoto, K., Rokushima, K., Yamakita, J. Analysis of obliquely propagating waves along dielectric grating waveguide with square corrugation 35424
Matsumoto, K., Takewaki, H., Tanaka, Y., Miura, O., Yamafuji, K., Funaki, K., Iwakuma, M., Matsushita, T. Enhanced J_c properties in superconducting NbTi composites by introducing Nb artificial pins with a layered structure 20169
Matsumoto, K. *see* Hayakawa, T. 3628
Matsumoto, K. *see* Hayakawa, T. 12239
Matsumoto, K. *see* Heilbronn, B. 24818
Matsumoto, K. *see* Himeno, T. 14856
Matsumoto, K. *see* Izawa, T. 23722
Matsumoto, K. *see* Kawabata, S. 45902
Matsumoto, K. *see* Miura, O. 2921
Matsumoto, K. *see* Nomoto, T. 6557
Matsumoto, K. *see* Nomoto, T. 31319
Matsumoto, K. *see* Rokushima, K. 12668
Matsumoto, K. *see* Tanaka, K. 19208
Matsumoto, K. *see* Yasaki, T. 25641
Matsumoto, K. *see* Yoshizawa, J. 7825
Matsumoto, K. *see* Yoshizawa, J. 32271
Matsumoto, K. *see* Yoshizawa, J. 47426
Matsumoto, M., Ikeda, H., Hasegawa, A. Suppression of noise accumulation in bandwidth-limited soliton transmission by means of nonlinear loop mirrors 29020
Matsumoto, M. *see* Hiroaki Tachibana 34460
Matsumoto, M. *see* Kubota, H. 7346
Matsumoto, M. *see* Kubota, H. 7505
Matsumoto, M. *see* Kumagai, H. 26493
Matsumoto, M. *see* Mitsuda, K. 48100
Matsumoto, M. *see* Nagasawa, S. 30847
Matsumoto, M. *see* Sato, K. 18734
Matsumoto, M. *see* Shibuya, G. 23365
Matsumoto, M. *see* Shibuya, G. 28534
Matsumoto, M. *see* Tomita, S. 5994
Matsumoto, N., Fukushima, T., Nakayama, H., Ikegami, Y., Namegaya, T., Kasukawa, A., Shibata, M., Morioka, T., Okumura, T., Kounushi, F., Yano, S. High reliability and high-temperature operation of GaInAsP/InP multiple quantum well ridge waveguide lasers emitting at 1.3 μm with an excellent process-uniformity 35898
Matsumoto, N. *see* Fukushima, T. 20797
Matsumoto, N. *see* Fukushima, T. 28860
Matsumoto, N. *see* Ichiki, M. 8223
Matsumoto, N. *see* Mishima, Y. 19534
Matsumoto, N. *see* Mishima, Y. 34973
Matsumoto, S., Hamada, T. Multi-channel coding system 'MUCCS45' 6199
Matsumoto, S., Yoshino, H. Device simulation of a thin-film silicon on insulator power metal-oxide-semiconductor field-effect transistor for structure optimization 42915
Matsumoto, S. *see* Chiba, I. 29369
Matsumoto, S. *see* Hamada, T. 46206
Matsumoto, S. *see* Hirabayashi, K. 26494
Matsumoto, S. *see* Kondo, S. 686
Matsumoto, S. *see* Murakami, H. 45244
Matsumoto, S. *see* Nii, T. 42976
Matsumoto, S. *see* Ohno, T. 18485
Matsumoto, S. *see* Yoshida, N. 10913
Matsumoto, T., Hasegawa, N., Tamaki, T., Ueda, K., Futagi, T., Mimura, H., Kanemitsu, Y. Large induced absorption change in porous silicon and its application to optical logic gates 20484
Matsumoto, T., Imai, H., Laih, C.-S., Yen, S.-M. On verifiable implicit asking protocols for RSA computation 12956
Matsumoto, T., Kitamura, S., Ueki, Y., Matsui, T. Short-term load forecasting by artificial neural networks using individual and collective data of preceding years 24865
Matsumoto, T., Kobayashi, H., Yagi, T. Vision chip. I. Analog image processing neuro chip 18942
Matsumoto, T., Kobayashi, H., Yagi, T. Vision chip. II. Analog image-processing neuro chip 34206
Matsumoto, T. *see* Aisawa, S. 45954
Matsumoto, T. *see* Cerecedo, M. 21566
Matsumoto, T. *see* Chaosheng Shu 12890
Matsumoto, T. *see* Futagi, T. 3355
Matsumoto, T. *see* Higashi, A. 5769
Matsumoto, T. *see* Higashi, A. 37824
Matsumoto, T. *see* Inada, H. 46567
Matsumoto, T. *see* Iwamura, K. 10106
Matsumoto, T. *see* Iwamura, K. 29442
Matsumoto, T. *see* Kanemitsu, Y. 19583
Matsumoto, T. *see* Kosugi, H. 18509
Matsumoto, T. *see* Mikoshiba, H. 11272
Matsumoto, T. *see* Mimura, H. 20559
Matsumoto, T. *see* Mimura, H. 28666
Matsumoto, T. *see* Mimura, H. 43622
Matsumoto, T. *see* Shimada, S. 30744
Matsumoto, T. *see* Shimatani, T. 42924
Matsumoto, T. *see* Tanaka, H. 1237
Matsumoto, T. *see* Yamaguchi, Y. 44753
Matsumoto, T. *see* Imai, H. *(editor)* 9146
Matsumoto, Y. An approximate analysis of DQDB networks with the bandwidth balancing mechanism 30503
Matsumoto, Y., Esashi, M. Integrated silicon capacitive accelerometer with PLL servo technique 14991
Matsumoto, Y., Morikura, M., Kato, S. A burst mode all-digital high-speed clock recovery circuit and block clock recovery scheme 30696
Matsumoto, Y., Ohta, K., Murano, K. ATM communication system 45689
Matsumoto, Y., Yokoyama, R., Ito, K. Engineering-economic optimization of a fuel cell cogeneration plant 47818
Matsumoto, Y. *see* D'Souza, K. 22813
Matsumoto, Y. *see* Kobayashi, K. 37651
Matsumoto, Y. *see* Matsushima, I. 3427
Matsumoto, Y. *see* Morikawa, E. 14535
Matsumoto, Y. *see* Owadano, Y. 3424
Matsumoto, Y. *see* Yamashita, H. 17641
Matsumoto, Y. *see* Yokoyama, R. 47775
Matsumura, A. *see* Kurakado, M. 24050
Matsumura, F. *see* Hashimoto, K. 11508
Matsumura, H., Hosoda, Y., Furukawa, S. Properties and production mechanism of low-temperature deposited cat-CVD poly-silicon films 18269
Matsumura, H. *see* Choi, D.-H. 27469
Matsumura, H. *see* Katoh, H. 46181
Matsumura, K., Shiraishi, K., Okada, I. Whispering gallery mode resonance in an elliptic dielectric disk for millimeter through optical wave application 27154
Matsumura, K. *see* Nishida, K. 23830
Matsumura, K. *see* Shiraishi, K. 35544
Matsumura, K. *see* Tomabechi, Y. 10418
Matsumura, K. *see* Tomabechi, Y. 10424
Matsumura, M., Sugiura, O. Low-temperature chemical-vapor deposition of amorphous semiconductors and insulators 26485
Matsumura, M. *see* Akei, M. 23104
Matsumura, M. *see* Chang-Dong Kim 28152
Matsumura, M. *see* Choi, D.-H. 28163
Matsumura, M. *see* Choi, D.H. 19872
Matsumura, M. *see* Ishihara, R. 9788
Matsumura, M. *see* Sugimoto, H. 40169
Matsumura, M. *see* Takeya, S. 46078
Matsumura, M. *see* Wada, T. 46079
Matsumura, M. *see* Kanicki, J. *(editor)* 9152
Matsumura, S., Omatu, S., Higasa, H. Running load torque control for electric vehicle testing system by neural networks 17561
Matsumura, S. *see* Ueyama, T. 5819
Matsumura, S. *see* Yamaguchi, E. 20426
Matsumura, S. *see* Yamamoto, M. 20420
Matsumura, T., Kanamori, M., Oikawa, Y., Shinozaki, S. Quarter-micron WSi/Au gate AlGaAs/InGaAs HJFETs for Q-band power applications 1508
Matsumura, T. *see* Ichiyanagi, K. 16709
Matsumura, T. *see* Itoh, H. 2709
Matsumura, T. *see* Takase, F. 25414
Matsumura, T. *see* Yokomizu, Y. 11553
Matsumura, T. *see* Yokomizu, Y. 16464
Matsumura, Y., Ishigame, J., Kudoh, Y., Gomikawa, K. Development of low temperature firable ceramic substrate with high mechanical strength 17863
Matsunaga, H., Uematsu, H., Kanayama, Y., Ueda, H. Virtual path test function and its mechanism for ATM transport networks 14031
Matsunaga, H. *see* Suzuki, H. 33349
Matsunaga, K. *see* Hirayama, H. 28826
Matsunaga, M. *see* Morimitsu, M. 48072
Matsunaga, S. *see* Yamada, T. 44797
Matsunaga, T. Sorting-based routing algorithms of a photonic ATM cell switch: HiPower 14361
Matsunaga, T. *see* Habara, K. 3142
Matsunaga, T. *see* Nagaoka, M. 42194
Matsunaga, T. *see* Uchida, K. 12785
Matsunaga, T. *see* Uchida, K. 21233
Matsunaga, T. *see* Yamaguchi, M. 5678
Matsunaga, T. *see* Yamaguchi, M. 45729
Matsunaga, Y. MINT—an exact algorithm for finding minimum test set 18611
Matsunaga, Y., Fujita, M. A fast test pattern generation for large scale circuits 18632
Matsunaga, Y., Fujita, M. Enhanced unique sensitization for efficient test generation 18643
Matsunaga, Y. *see* Fujita, M. 1210
Matsunaga, Y. *see* Sasaki, M. 31293
Matsunaga, Y. *see* Sasaki, M. 38563
Matsunaka, T., Yamashita, S. Miniature Doppler probe using a unidirectional SAW transducer 15709
Matsunami, H. *see* Fuyuki, T. 42912
Matsunami, H. *see* Hashimoto, T. 9606
Matsunami, H. *see* Hatayama, T. 41364
Matsunami, H. *see* Kimoto, T. 26429
Matsunami, H. *see* Kimoto, T. 42847
Matsunami, H. *see* Vaccaro, P. 26437
Matsunami, H. *see* Yoshimoto, M. 761
Matsunami, H. *see* Yoshimoto, M. 27598
Matsunami, T. *see* Naito, K. 8739
Matsuno, F. *see* Cho, Y. 2713
Matsuno, F. *see* Cho, Y. 6731
Matsuno, F. *see* Cho, Y. 7650
Matsuno, F. *see* Cho, Y. 41497
Matsuno, K. *see* Sannomiya, T. 16030
Matsuno, M., Adachi, S., Nakayama, M., Watanabe, K. A bridge circuit for temperature drift cancellation 14928
Matsuno, S. *see* Grajew, G. 37613
Matsuno, T., Kikkawa, Y., Iguchi, M., Toko, K., Yamafuji, K. Periodic signal learning and recognition in coupled oscillators 42105
Matsuno, T. *see* Shibata, H. 42771
Matsuo, A. *see* Izumi, K. 9952
Matsuo, H., Ishigame, M. Phoneme recognition based on HMM taking account of learning topology and interaction between phoneme models 21674
Matsuo, H., Ohnishi, T., Koyama, T., Yamaguchi, S., Itoh, H. OPGW with single mode fibers for 1.55 μm region 23072
Matsuo, H. *see* Tsuchiya, K. 22151
Matsuo, I. *see* Kato, Y. 35067
Matsuo, J. *see* Karahashi, K. 42682
Matsuo, K., Tomikawa, T., Nakajima, M. Pulse laser observation of electrostatically extracted ink jet and its application to tone reproduction 12530
Matsuo, K. *see* Inaji, T. 23334
Matsuo, K. *see* Sasaki, Y. 7582
Matsuo, K. *see* Shioiri, T. 11332
Matsuo, M. *see* Fujii, S. 15765
Matsuo, M. *see* Miura, N. 11950
Matsuo, M. *see* Miura, N. 35668
Matsuo, M. *see* Saito, Y. 27002
Matsuo, M. *see* Tomita, M. 8311
Matsuo, S. *see* Okada, T. 41914
Matsuo, S. *see* Yamaguchi, M. 37682
Matsuo, S. *see* Yamaguchi, M. 45722
Matsuo, T., Ishikawa, M., Umoto, J. Numerical analysis of bifurcation phenomena in supersonic diagonal type MHD generator 25709
Matsuo, T., Ishikawa, M., Umoto, J. Analyses including bifurcation behavior of supersonic diagonal type MHD generator with diffuser 25780
Matsuo, T., Kishima, A. Stability analysis of periodic solutions in nonautonomous systems with hysteretic elements 26651
Matsuo, T. *see* Matsuura, I. 35336
Matsuo, T. *see* Takami, T. 48191
Matsuo, Y. *see* Nomura, E. 40067
Matsuo, Y. *see* Saechout, V. 16948
Matsuoka, A. *see* Fukushima, Y. 16578
Matsuoka, E. *see* Imanishi, N. 40425
Matsuoka, H., Ichiguchi, T., Yoshimura, T., Takeda, E. Anomalous conductance of Si-MOSFET quantum wires—from quantum wire to quantum dotted line 2549
Matsuoka, H., Ichiguchi, T., Yoshimura, T., Takeda, E. Coulomb blockade in the inversion layer of a Si metal-oxide-semiconductor field-effect transistor with a dual-gate structure 28130
Matsuoka, H., Saito, M., Homma, T., Nemoto, Y., Itoh, H. CO_2 stress sensing using a tobacco leaf on the basis of chlorophyll fluorescence analysis 23736
Matsuoka, H., Tsukagoshi, I. A new type of anisotropic conductive film with high connection reliability and finer pitch densities 382
Matsuoka, H. *see* Kazuno, Y. 38574
Matsuoka, H. *see* Nakahara, K. 1595
Matsuoka, K., Divakaruni, S.M. Fuzzy logic applications in electric utility power plants 39972
Matsuoka, K., Yamashita, K., Sasago, M., Nomura, N. A new analytical technique for evaluating standing wave effect of chemically amplified positive resist 27882
Matsuoka, K. *see* Hori, M. 17524
Matsuoka, K. *see* Sato, M. 15160
Matsuoka, K. *see* Taniguchi, M. 4947
Matsuoka, K. *see* Taniguchi, M. 20467
Matsuoka, M., Hoshino, K., Ono, K. Diamond synthesis by sputtering 9679
Matsuoka, M. *see* Kako, E. 15505
Matsuoka, M. *see* Naito, K. 8739
Matsuoka, M. *see* Yamauchi, M. 7162
Matsuoka, N., Suzuka, T., Ishimaru, H., Hashimoto, H., Taga, H. Supervisory information system of overhead power transmission lines for the CLP 39616
Matsuoka, N. *see* Tomonaga, H. 22731
Matsuoka, R., Shindo, Y., Okada, N., Kume, N. Fabrication and evaluation of 40-fiber array 6012
Matsuoka, S. *see* Yamabayashi, Y. 6066
Matsuoka, S. *see* Yamabayashi, Y. 14363
Matsuoka, T. *see* Karikomi, M. 29389
Matsuoka, T. *see* Minami, Y. 44796
Matsuoka, T. *see* Mori, T. 43161
Matsuoka, T. *see* Morikawa, T. 7208
Matsuoka, T. *see* Takahashi, S. 44792
Matsuoka, Y., Yamahata, S., Yamaguchi, S., Murata, K., Sano, E., Ishibashi, T. IC-oriented self-aligned high-performance AlGaAs/GaAs

ballistic collection transistors and their applications to high-speed ICs 19770
Matsuoka, Y. *see* Kurishima, K. 28096
Matsuoka, Y. *see* Kurishima, K. 34926
Matsuoka, Y. *see* Nakajima, H. 1553
Matsuoka, Y. *see* Yamahata, S. 11154
Matsurra, T. *see* Haneda, R. 37612
Matsuse, K., Tadokoro, Y. Deadbeat flux level control of direct field oriented induction servo motor using adaptive rotor flux observer 16855
Matsuse, K. *see* Ara, T. 16800
Matsuse, K. *see* Hayasaka, H. 8650
Matsuse, K. *see* Kubota, H. 17424
Matsuse, K. *see* Nozawa, J. 25436
Matsuse, K. *see* Okudaira, S. 8634
Matsushige, H. *see* Tanaka, S. 27006
Matsushige, K. *see* Okabe, H. 898
Matsushima, A., Itakura, T. Excitation of guided modes of a slab waveguide using a finite strip grating 4199
Matsushima, A. *see* Veremey, V.V. 4058
Matsushima, E. *see* Iwasaki, T. 42555
Matsushima, I., Owadano, Y., Matsumoto, Y., Okuda, I., Tomie, T., Koyama, K., Staffin, R., Yano, M. Beam-smoothing effect in broad-band random-phase irradiation 3427
Matsushima, I. *see* Owadano, Y. 3424
Matsushima, J.I., Harada, C., Ifukube, T., Hirata, Y., Sakajiri, M. A study of electrical stimulation of the cochlea in tinnitus patients 15890
Matsushima, M. *see* Kiyota, Y. 34669
Matsushima, N. *see* Miura, Y. 15241
Matsushima, R. *see* Ariyoshi, K. 5427
Matsushima, S. *see* Kobayashi, K. 850
Matsushima, T. *see* Morioka, Y. 16444
Matsushima, Y. *see* Horita, M. 2018
Matsushima, Y. *see* Horita, M. 12168
Matsushima, Y. *see* Suzuki, M. 6084
Matsushima, Y. *see* Tanaka, H. 14602
Matsushima, Y. *see* Tanaka, H. 28503
Matsushita, H. *see* Harada, K. 33876
Matsushita, K. *see* Kuwahara, K. 38601
Matsushita, K. *see* Mohammadnejad, S. 3636
Matsushita, K. *see* Yu, F.T.S. 11724
Matsushita, M. *see* Yamamuro, M. 45453
Matsushita, T., Mihara, T., Hoshi, M., Aoyagi, M. Durable and low power-loss semiconductor devices for specific automotive applications 28172
Matsushita, T. *see* Komori, M. 11510
Matsushita, T. *see* Matsumoto, K. 20169
Matsushita, T. *see* Miura, O. 2921
Matsushita, Y. To realize human-oriented groupware 14294
Matsushita, Y. *see* Ichimura, S. 14088
Matsushita, Y. *see* Mameno, K. 19527
Matsushita, Y. *see* Matsuura, N. 45660
Matsushita, Y. *see* Nomoto, T. 19015
Matsushita, Y. *see* Yoneda, T. 5530
Matsuta, K. *see* Fukuda, S. 46318
Matsutake, M., Yamashina, M., Takahashi, J. Large capacity GTO drive system with unity power factor and sinusoidal waveform 17497
Matsutani, K. *see* Yoshikawa, K. 25353
Matsutani, T. *see* Katsu, T. 24442
Matsuura, H. *see* Fay, B. 20692
Matsuura, H. *see* Mernyei, F. 27157
Matsuura, H. *see* Okazaki, T. 20312
Matsuura, H. *see* Ryan, T. 20311
Matsuura, H. *see* Suzuki, Y. 26546
Matsuura, H. *see* Yagi, K. 3013
Matsuura, I., Yamanishi, T., Watanabe, T., Iwamoto, Y., Matsuo, T. Low reflection performance of single-mode type fiber optics connector 35336
Matsuura, M. *see* Tokailin, H. 35596
Matsuura, N., Okada, K., Matsushita, Y. A proposal of an informal communication support interface realizing virtual encounters 45660
Matsuura, T., Ando, S., Matsui, S., Sasaki, S., Yamamoto, F. Heat-resistant singlemode optical waveguides using fluorinated polyimides 11645
Matsuura, T., Murota, J., Sawada, Y., Ohmi, T. Self-limited layer-by-layer etching of Si by alternated chlorine adsorption and Ar^+ ion irradiation 2186
Matsuura, T., Tago, O., Tsujino, H., Taniguchi, K. Experimental study of the arc plasma generated by 6-phase alternating currents 34468
Matsuura, T. *see* Ito, K. 25502
Matsuura, Y., Miyagi, M. Er:YAG, CO, and CO_2 laser delivery by ZnS-coated Ag hollow waveguides 20359
Matsuyama, A., Niou, J. A state-of-the-art automation system of an ASIC wafer fab in Japan 9219
Matsuyama, H. *see* Kenjo, T. 40456
Matsuyama, H. *see* Nakao, Y. 11336
Matsuyama, I. *see* Ito, N. 31797
Matsuyama, I. *see* Lopez, M. 41343
Matsuyama, I. *see* Susa, K. 43416
Matsuyama, I. *see* Tanaka, N. 42710
Matsuyama, K., Ishizu, K., Asada, H., Taniguchi, K. Statics and dynamics of hard wall in a 1 μm bubble material 43294
Matsuyama, K. *see* Asada, H. 43335
Matsuyama, K. *see* Furukawa, H. 37823
Matsuyama, S. *see* Ito, N. 31797
Matsuyama, T., Baba, T., Tanaka, M., Isomura, M., Tsuda, S., Nakano, S., Kuwano, Y. Development of thin-film polycrystalline silicon solar cells by a solid phase crystallization (SPC) method 40462
Matsuyama, T., Baba, T., Tanaka, M., Tsuda, S., Nishiwaki, H., Nakano, S., Hanafusa, H., Kuwano, Y. High-quality polycrystalline silicon thin films prepared by solid phase crystallization (SPC) method 9687
Matsuyama, T. *see* Chrestin, A. 35268
Matsuyama, T. *see* Hayakawa, Y. 33589
Matsuyama, T. *see* Isomura, M. 40463
Matsuyama, T. *see* Scharnweber, R. 34640
Matsuyama, T. *see* Watanabe, T. 25665
Matsuzaka, F. *see* Kanzawa, H. 11945
Matsuzaka, H. *see* Takeuchi, M. 43224
Matsuzaka, T., Ohta, H., Saitou, N., Kawasaki, K., Kohno, T., Hoga, M. The requirements for future electron-beam reticle fabrication systems from an error analysis viewpoint 27872
Matsuzaka, T. *see* Ohta, H. 27877
Matsuzaki, S. A new method to attach electrical leads on a single crystal of a submillimeter size 31386
Matsuzaki, T. *see* Higaki, N. 34086
Matsuzaki, Y. *see* Hikita, T. 17275
Matsuzaki, Y. *see* Tsuji, H. 28422
Matsuzaki Shin-ichi *see* Shin-ichi Matsuzaki
Matsuzawa, A. *see* Kusumoto, K. 27020
Matsuzawa, A. *see* Kusumoto, K. 38252
Matsuzawa, A. *see* Kusumoto, K. 42002
Matsuzawa, H. Novel magnetic applications of high-T_c bulk superconductors: Lenses for electron beams 20228
Matsuzawa, K. Defect tolerant memory designs using function check and horizontal-vertical parity 41906
Matsuzawa, N. *see* Ohgane, T. 5775
Matsuzawa, N. *see* Ohgane, T. 22841
Matsuzawa, Y. *see* Kuwahara, Y. 21436
Matsuzawa, Y. *see* Kuwahara, Y. 46077
Matt, D., Prieur, F., Glaize, C. Numerical simulation in power electronics: variable topology method 41638
Matta, A.I. *see* Milanowski, R.J. 34979
Matta, I., Shankar, A.U. On the interaction between gateway scheduling and routing 37541
Mattaei, G.L., Hey-Shipton, G.L. High temperature superconducting 8.45-GHz bandpass filter for the Deep Space Network 1481
Mattauch, R.J. *see* Siegel, P.H. 34257
Mattausch, H.J. *see* Brunner, H. 1040
Mattavelli, L., Pieri, M., Groppi, G. Petroleum exploration in Italy: a review 39714
Mattavelli, M., Albani, L. Special display modes for HD-MAC systems 31016
Mattei, J.-M. *see* Wilhelm Heuser, F. 25140
Matteo, A.M. *see* Armenise, M.N. 3247
Matteo, A.M. *see* Barbarossa, G. 28488
Matteo, D.N. *see* Josloff, A.T. 7548
Matter, Z. *see* Gouda, O.E. 11387
Matter, Z. *see* Gouda, O.E. 16337
Mattern-Klosson, M. *see* Mundinger, H.J. 34657
Matteucci, P., Regazzoni, C.S., Foresti, G.L. Real-time approach to 3-D object tracking in complex scenes 45235
Mattey, B.D. Commercial use of the VBI [vertical blanking interval] 38224
Mattfeldt, J. *see* Mathar, R. 22850
Matthaei, G.L., Hey-Shipton, G.L. Novel staggered resonator array superconducting 2.3-GHz bandpass filter 1480
Matthee, Th. *see* Bardal, A. 41275
Matthes, H. *see* Friedrich, M. 15334
Matthes, J. *see* Warschat, J. 7793
Mattheus, A., Turitsyn, S.K. Pulse interaction in nonlinear communication systems based on standard monomode fibers 30848
Matthews, C.E. *see* Taylor, C.W. 25375
Matthews, D. *see* Osterheld, A.L. 43721
Matthews, H.W. *see* Lawson, W. 6872
Matthews, J. *see* Amidei, D. 46890
Matthews, J. *see* Tkaczyk, S. 46989
Matthews, J.A.J. *see* Ziock, H.-J. 46885
Matthews, J.A.J. *see* Ziock, H.J. 7184
Matthews, J.F. *see* Lex, P.J. 17195
Matthews, J.W. *see* Purdy, J.A. 39092
Matthews, L., Shay, T., Garcia, G. Incorporation of a FADOF to an ESPI system 6320
Matthews, L. *see* Garcia, G. 3909
Matthews, O. *see* Cade, I. 5905
Matthews, P.A. *see* Hu, Y.F. 12609
Matthews, T.W., Spencer, R.R. An analog CMOS Viterbi detector for digital magnetic recording 27100
Matthews, T.W., Spencer, R.R. An integrated analog CMOS Viterbi detector for digital magnetic recording 42089
Matthewson, M.J. Models for fiber reliability 35365
Matthewson, M.J., Rondinella, V.V., Kurkjian, C.R. The influence of solubility on the reliability of optical fiber 2992
Matthias, H.-B. *see* Eichinger, A. 40045
Matthiesen, D.H. The total pressure of arsenic over molten gallium arsenide at 1260°C 41239
Matthiesen, D.H. *see* Majewski, J.A. 42641
Matthiesson, C. *see* Rowles, C. 4579
Mattie-Sulieman, E., Urwin, P., McCormick, M. Measurement of thread velocity in sewing machines 47836
Mattiello, C. Visibility estimation for urban radio-link design 22794
Mattiello, C. Use of parabolic equation for computing diffraction by terrain undulations 36168
Mattiello, C., Ordano, L. Multipoint radio systems: planning tools using terrain data bases derived from satellite remote sensing 14439
Mattila, J. *see* Lowry, L.E. 34807
Mattila, P. *see* Hietanen, J. 16068
Mattila, P. *see* Hietanen, J. 24533
Mattila, P. *see* Vaataja, H. 14955
Mattiocco, F. *see* Lopez Fernandez, J.A. 27240
Mattioli, A.Guidarelli *see* Guidarelli Mattioli, A.
Mattis, W.E. A new modem structure for data transmission 37649
Mattiussi, G. *see* Shafai, C. 19530
Mattoe, C.A. *see* Law, H.H. 34456
Mattogno, G. *see* Gusmano, G. 18239
Mattolini, G.P. *see* Squillace, M. 25814
Matton, D. *see* Benlarbi, A. 46592
Mattori, S. *see* Otani, A. 12309
Mattox, D.M. *see* Harster, T.E. 17881
Mattox, J.R. *see* Thompson, D.J. 7145
Mattson, M.R., Esmail Salehi-Sangari Decision making in purchases of equipment and materials: a four-country comparison 40848
Mattsson, L. *see* Adam, W. 7259
Mattsson, L. *see* Adam, W. 31715
Mattsson, L. *see* Adam, W. 46929
Mattsson, S., Ran, M. Propagation on 23, 31 and 50 GHz line-of-sight over-water paths 14450
Mattsson, S. *see* Eklund, S. 15790
Mattsson, S. *see* Mansson, L.G. 24378
Mattsson, S.E. Modelling of power systems in Omola for transient stability studies 24766
Matuck, G.C., Liptak, R.A., Becker, R.W. Design for manufacturability: a structured business process 33320
Matuda, H. *see* Hatakeyama, T. 24139
Matuda, H. *see* Morimoto, Y. 18203
Matuda, N. *see* Michizono, S. 1810
Matugatani, K. *see* Taguchi, T. 18155
Matulik, M.S. *see* Angstadt, R. 15673
Matulionis, A. *see* Bareikis, V. 19338
Matulionis, A. *see* Bareikis, V. 19359
Matumoto, Y. *see* Kimura, S. 21433
Matuonto, M. *see* Chiesa, F. 8854
Matura, E. *see* Sass, W. 24341
Maturi, P. *see* Basile, P. 4543
Maturi, P. *see* Cerrato, L. 13006
Matus, F., Flusser, J. Image representation via a finite Radon transform 21942
Matus, L.G. *see* Neudeck, P.G. 19751
Matus, L.G. *see* Neudeck, P.G. 34907
Matus, L.G. *see* Powell, J.A. 1870
Matusi, N. *see* Iwasaki, M. 25419
Matusov, I.B. *see* Statnikov, R.B. 218
Matussek, P., Michel-Piper, I., Wagner, H.G., Brandalise, D., Cromboom, O. First in-field experiences with 'COMPUCEA', a portable assay system for the combined determination of uranium concentration and ^{235}U abundance in uranium solutions by NDA methods 38405
Matute, M.A. CITEL: formulating telecommunications in the Americas 37203
Matuzuka, T. *see* Tsuchiya, K. 25287
Matveenko, O.G. *see* Velikhov, Ye.P. 25755
Matveenko, Z.I. *see* Gomozov, V.A. 25754
Matveets, L.V. *see* Kulikov, V.A. 46398
Matveev, A.G. *see* Zykov, B.N. 11710
Matveev, B.A. *see* Aydaraliev, M. 3614
Matveev, B.V., Chernenko, A.M., Alperin, E.D. Decoding of linear codes by a fast search method 44744
Matveev, O.A. *see* Ivanitskaya, O.I. 46857
Matveev, O.A. *see* Karpenko, V.P. 46858
Matveyenko, V.V. *see* Kurayev, A.A. 42368
Matveyev, R.F. *see* Armand, N.A. 12790
Matvienko, A.N., Savin, D.O., Yas'ko, A.V. Nondestructive diagnosis of multilayer printed circuit boards 19216
Matviyenko, G. On the evaluation of Bessel functions 33462
Matyas, R., Kelleher, P., Moller, P., Jones, T. Interworking evolution of mobile satellite and terrestrial networks 37737
Matyugov, S.S. *see* Vilkov, I.A. 29171
Matyushev, V.V., Stashkevich, A.A., Lukyanov, A.I. Interaction of optical waveguide modes with magnetostatic transverse surface eigenmodes in a channel yttrium ion garnet waveguide 3230
Matyushevskii, E.A. *see* Aksinenko, V.D. 7265
Matyushin, A.T. *see* Aksinenko, V.D. 6380
Matyushin, A.T. *see* Aksinenko, V.D. 7265
Matyushin, A.T. *see* Aksinenko, V.D. 46967
Matyushin, A.V. The mutual position of the zero components in the decomposition of an M-sequence 36467
Matyushin, V.T. *see* Aksinenko, V.D. 6380
Matyushin, V.T. *see* Aksinenko, V.D. 7265
Matyushin, V.T. *see* Aksinenko, V.D. 46967
Matznaga, H. *see* Nakashima, K. 33445
Matzner, J.J. *see* Oh, K.T. 44706
Matzuo, H., Suwabe, F., Mitiyoshi, S. Correction of old monochromatic movies 22264
Mau, S.C. *see* Chen, D.S. 45801

Mau San Jan *see* San Jan Mau
Mau-Tsu Tang, Green, M.L., Brasen, D., Krisch, K., Manchanda, L., Higashi, G.S., Boone, T. Growth temperature dependence of the Si(001)/SiO_2 interface width 27600
Maublant, J. *see* Cauvin, J.C. 15864
Mauc, M., Baudoin, G., Jelinek, M., Jardin, P. Reduced complexity CELP coders with multi-stage search 13153
Mauch, R.H. *see* Velthaus, K.O. 35588
Mauchline, I.S., Stewart, G. Glass integrated optic wavelength filter utilising an ion exchange waveguide/multimode overlay structure 3136
Mauchline, I.S., Stewart, G. Fabrication of buried channel waveguides in K^+-Na^+ ion-exchanged glass and their application to notch filters 11672
Mauchline, I.S. *see* Blue, R. 43485
Maucksch, T. Test system for production testing and servicing of mobile GSM telephones 14463
Maucksch, T. DECT RF measurements with Radiocommunication Tester CMT 90 37847
Maucksch, T. Automatic tester for GSM radio telephones 46290
Maud, M.A., Bruno, A.I. High resolution spectrum estimation 21899
Maude, D.K. *see* Aristone, F. 42511
Maude, D.K. *see* Hayden, R.K. 34578
Maude, D.K. *see* Kuhn, O. 43650
Maude, D.K. *see* Nogaret, A. 19371
Mauduit, B.de *see* de Mauduit, B.
Mauer, J. *see* Blauner, P.G. 2302
Mauersberger, H., Jankowski, M. Accident management procedures and guidance 39878
Maugeri, A. *see* De Luca, M. 576
Maughan, R.L., Kota, C., Yudelev, M. A microdosimetric study of the dose enhancement in a fast neutron beam due to boron neutron capture 31979
Mauguiere, F. *see* Cinotti, L. 7341
Maule, R.W. A state telecommunications architecture for technology transfer 45499
Maun, J.-C. ZDRAWER: An interactive software for the study of distance protection 39647
Maun, J.C. *see* Poncelet, R. 7992
Maun, J.C. *see* Promel, F. 16428
Maunder, E.A.W. *see* Pugh, A.J. 23711
Maundy, B.J. *see* El-Masry, E.I. 18923
Mauney, T. *see* Richardson, D. 24934
Maupin, G.D. *see* Chick, L.A. 17347
Maupin, V. *see* Dou, H. 22551
Mauracher, P. Data acquisition on board of an electric passenger car and suggestions to reduce the energy consumption 48305
Maurel, P., Garcia, J.C., Hirtz, J.P., Vassilakis, E., Baldy, M., Parent, A., Carriere, C. High power broad area GaInAs/GaAs/GaInP lasers grown by CBE for pumping Er doped glasses 20914
Maurel, P. *see* Courmont, S. 34690
Maurel, P. *see* Garcia, J.Ch. 747
Maurella, A. *see* Corvino, A. 16747
Maurelli, G. *see* Bosio, C. 15618
Mauren, H. Design of mechanical and electrical equipment [Koralpe power station] 40047
Maurer, B. *see* Glor, M. 36113
Maurer, H.E., Blodget, H., Vermillion, C., Choudhury, A.M., Quader, M.O. Remote sensing technology for Bangladesh 32066
Maurer, I.A., Muratikov, K.L. Spectral properties of dichromated gelatin volume holographic gratings in the visible and near-IR spectral regions 3919
Maurer, P.M. The shadow algorithm: a scheduling technique for both compiled and interpreted simulation 18429
Maurer, P.M., Yun Sik Lee Gateways: a technique for adding event-driven behavior to compiled simulations 34003
Maurer, R.H. *see* Suter, J.J. 23840
Maurer, U.M. Protocols for secret key agreement by public discussion based on common information 21538
Mauri, M., Paraboni, A., Pawlina, A. The OLYMPUS and ITALSAT propagation programs of the Italian Space Agency: an overview of the first experimental results in the 12 to 50 GHz frequency bands 22960
Maurice, B. *see* Guillemin, P. 7853
Maurice, G. *see* Le Carlier de Veslud, C. 33565
Maurice, J.H. *see* Wang Song, Q. 43547
Maurin, D. *see* Wu, K. 1458
Maurin, G. *see* Loizos, Z. 791
Maurin, M. *see* Haidoux, A. 9567
Maurin, M. *see* Stoehr, M. 9645
Maurin, T. *see* Chebira, A. 29779
Mauris, G., Benoit, E., Foulloy, L. Fuzzy symbolic sensors—from concept to applications 46299
Mauro, A.Di *see* Di Mauro, A.
Maury, C., Rabenberg, L., Allibert, C.H. Genesis of the cell microstructure in the Sm(Co, Fe, Cu, Zr) permanent magnets with 2:17 type 11500
Maury, S. *see* Kowalewicz, R. 15411
Maurya, K.K. *see* Singh, S.P. 27176
Mausbach, M., Ehrich, H., Muller, K.G. Properties of thin copper films, condensed from a copper plasma with ion energies between 2 and 150 eV 814
Mausberg, R. *see* Visser, H. 47124
Mausel, P.W. *see* Kai-Yi Huang 39346
Maushart, R. *see* Erath, W. 24008
Maussion, P., Grandpierre, M., Faucher, J. On the way to real time fuzzy control of a PWM source inverter with nonlinear loads 17076
Mauthe, G., Ciboldi, P., Piessi, A. Intelligent compact medium voltage GIS for improved control, monitoring, diagnosis and reliability of distribution systems for electrical energy 25576
Mauw, S., Winter, T. A prototype tool set for interworkings 37251
Maver, L., Scarff, L. Multispectral imagery simulation 7584
Maver, L. *see* Francis, J. 4901
Mavko, B. *see* Cepin, M. 47687
Mavko, B. *see* Marn, J. 39828
Mavko, B. *see* Prosek, A. 39874
Mavko, B. *see* Prosek, A. 39875
Mavko, B.and *see* and Mavko, B.
Mavlyanov, R.K. *see* Khanov, D. 20552
Mavlyanov, R.K. *see* Khanov, D. 20553
Mavlyutov, A.A., Mis'kevich, A.I., Salamakha, B.S. Nuclear pumping of I_2 vapor in dense gases 20643
Mavoungou, T., Cherruault, Y. Numerical study of Fisher's equation by Adomian's method 26370
Mavrella, A. *see* Corvino, A. 25369
Mavretic, A. *see* Grajew, G. 37613
Mavridis, C. *see* Bisdounis, L. 18758
Maw-Kae Hor, Chen, J.Y.M., Kuo-Shen Chen Wavelet transform in depth recovery 5002
Maw-Shang Chang, Yi-Chang Liu Polynomial algorithms for the weighted perfect domination problems on chordal graphs and split graphs 26339
Mawatari, H., Kano, F., Yamamoto, N., Kondo, Y., Tohmori, Y., Yoshikuni, Y. Spectral linewidth and linewidth enhancement factor in 1.5-μm modulation-doped strained multiple-quantum-well lasers 43862
Mawatari, H. *see* Kano, F. 12109
Mawatari, H. *see* Tohmori, Y. 35895
Mawby, P. *see* Gault, M. 20899
Mawby, P. *see* Thompson, D. 46438
Mawby, P.A., Towers, M.S., Evans, M., Hu, Z., Board, K. Transient thermal effects during turn off in GTO devices 2498
Mawer, A., Darveaux, R., Petrucci, A.M. Calculation of thermal cycling and application fatigue life of the plastic ball grid array (BGA) package 400
Mawira, A. Models for the spatial correlation functions of the (log)-normal component of the variability of VHF/UHF field strength in urban environment 36190
Mawst, L. *see* Mar, A. 43914
Mawst, L.J., Boetz, D., Jansen, M., Zmudzinski, C., Ou, S.S., Sergant, M., Tu, C.A., Roth, T.J., Peterson, G., Valley, M., Yang, J.J. Two-dimensional surface-emitting leaky-wave coupled laser arrays 12182
Mawst, L.J., Botez, D., Zmudzinski, C., Tu, C., Jansen, M. Single-mode ARROW-type diode lasers 20823
Mawst, L.J. *see* Botez, D. 11643
Mawst, L.J. *see* Zmudzinski, C. 20821
Mawston, I.G., Buchanan, P.G., Wright, G.A. Thermal analysis of active materials for the lead/acid battery 40414
Max, A. Reserves and potential of nuclear energy. Potential of technical development and reserves of combustion material for nuclear electricity generation 25179
Max, G.T. *see* Denning, D. 5390
Max Wong Kon *see* Kon Max Wong
Maxemchuk, N.F., Krishnan, R. A comparison of linear and mesh topologies—DQDB and the Manhattan street network 22522
Maxfield, C. Intergraph Electronics on mixed-level design 33315
Maxfield, C. Analog and digital design: never the twain to meet? 42079
Maximov, B.K., Anoshin, O.A. Currents and voltages in the cables of secondary circuits of a substation on exposure to plane electromagnetic wave 25617
Maximov, I. *see* Emanuelsson, P. 42462
Maximov, I. *see* Samuelson, L. 10956
Maximov, K.K., Morozkin, V.P., Silayev, B.I. Problems of training on the multilevel basis and employment of experts in electrical power engineering 17767
Maximus, B., Colpaert, C., De Meyere, A., Pauwels, H., Plach, H.J. Transient leakage current in nematic LCDs 11693
Maxion, R. *see* Feather, F. 30388
Maxwell, C.D. *see* Jackson, W.D. 25834
Maxwell, G.D., Cassidy, S.A., Hubbard, S.D., Beaumont, C.J., Nield, M.W., Barbarossa, G., Powling, R.J. Monolithic 16-channel Fourier-optic based WDM in planar silica 5645
Maxwell, G.D. *see* Bonar, J.R. 35719
Maxwell, J.R. *see* Kryskowski, D. 29840
Maxwell, K.L. *see* Tipton, G.D. 42672
Maxwell, P.C., Aitken, R.C., Johansen, V., Chiang, I. The effectiveness of I_{DDQ}, functional and scan tests: how many fault coverages do we need? 2625
May, A.D. *see* Ait-Ameur, K. 35934
May, A.D. *see* Besnard, P. 3532
May, D. Future directions in transputer technology 10212
May, E. *see* Gminder, M. 15780
May, J.S., Hoang, H.H. Wafer level reliability: competitiveness and implementation issues 17976
May, J.S., Yost, D.J., Graas, C.D., McPherson, J.W. Barrier layer effects and the use of Ti:W capping layers on the electromigration performance of Al-Si(1%)-Cu(0.5%) alloy 2213
May, J.S. *see* Ting, L.M. 42767
May, K. *see* Thompson, P. 23787
May, P.G. *see* Fawcett, A.H. 19336
May, P.T. *see* Rajopadhyaya, D.K. 39380
May, R. *see* Taylor, M.F. 16554
May, R.G. *see* Poland, S.H. 3071
May, R.G. *see* Wang, A. 6544
May, S. *see* Busch, H.P. 15799
May Hsu Su *see* Su May Hsu
Maya, L. Covalent nitrides for maskless laser writing of microscopic metal lines 42786
Maya, Y., Tsukishima, T., Kinoshita, T. A proposal of nonstop terminal method in distributed computer systems 37464
Mayaram, K., Jue-Hsien Chern, Ping Yang Algorithms for transient three-dimensional mixed-level circuit and device simulation 26570
Mayaram, K. *see* Amerasekera, A. 10638
Mayayo, J.M.R. An approach to the computerisation of the maintenance management in fossil power plants 47717
Maybeck, P. *see* Niblett, B. 23212
Maybeck, P.S. *see* Zeitz, F.H., III 21780
Maybell, M.J., Simon, P.S. Pyramidal horn gain calculation with improved accuracy 4295
Maydell, U.M., Deng, S. A practical method to optimize negotiable call accesses for broadband communication networks 30298
Maydell, U.M. *see* MacGregor, M. 30254
Mayer, A.C. The architecture of a processor array for video decompression 6207
Mayer, A.P., Sanladerer, S. Effects of thermoelastic coupling on the propagation of surface acoustic waves 11437
Mayer, B. *see* Alff, L. 35283
Mayer, B. *see* Marx, A. 20207
Mayer, D. Power transmission in periodic non-sinusoidal networks as an optimization problem 7917
Mayer, D.C. *see* Koga, R. 33915
Mayer, E.-P. Extended methods for calculating electric potentials in underground pipes due to electric power systems under short time short circuit conditions 3956
Mayer, E.H., Thompson, J.B. Redesign and upgrade of a radiant superheater in a 320 MWe coal and gas-fired boiler 16632
Mayer, G.E. Almost everything the designer wants to know about batteries but doesn't know who to ask 48054
Mayer, H.-P. *see* Haisch, H. 12164
Mayer, H.A., Buczma, E., Adcock, J.A., Boliver, V.J., Uzelac, M. Development of a 220/230 kV XLPE high voltage cable and accessories 7958
Mayer, J. *see* Hildenbrand, K. 29787
Mayer, J.R.Rene *see* Rene Mayer, J.R.
Mayer, J.W. *see* Atzmon, Z. 19540
Mayer, J.W. *see* Jian Li 2260
Mayer, J.W. *see* Jian Li 19642
Mayer, J.W. *see* Purser, R.G. 34845
Mayer, J.W. *see* Strane, J.W. 9513
Mayer, J.W. *see* Strane, J.W. 33664
Mayer, K.H., Berger, C., Gnirss, G., Heinrich, D., Prestel, W. Investigations by nondestructive inspection to determine the size of natural defects in large forgings of turbogenerators 16558
Mayer, L., Savio, S., Ventura, P.O. The use of high-voltage direct current for electric traction 48354
Mayer, M.G. Changing corporate culture within the European lead/acid battery industry 40410
Mayer, O. *see* Grottke, M. 46379
Mayer, R. *see* Asoka-kumar, P. 23994
Mayer, R.H. *see* Davids, C.N. 24115
Mayer, T.M. *see* Stark, T.J. 2318
Mayer, T.S., Fleetwood, D.M., Beutler, D.E., Cooper, J.A., Jr., Melloch, M.R. Unexpected increase in the thermal generation rate of bulk GaAs due to electron-beam metallization 35028
Mayer, T.S., Ling, Z.G., Cooper, J.A., Jr, Melloch, M.R. Generation and minority-carrier leakage along GaAs surfaces 34505
Mayer-Hasselwander, H.A. *see* Thompson, D.J. 7145
Mayer-Kress, G., Choi, I., Weber, N., Barger, R., Hubler, A. Musical signals from Chua's circuit 31082
Mayergoyz, I.D., Adly, A.A. A new isotropic vector Preisach-type model of hysteresis and its identification 43246
Mayergoyz, I.D., Bedrosian, G. Iterative solution of 3D eddy current problems 44240
Mayergoyz, I.D. *see* Adly, A.A. 43309
Mayergoyz, I.D. *see* Burke, E.R. 43302
Mayergoyz, I.D. *see* Gomez, R.D. 43249
Mayergoyz, I.D. *see* Gwo-Chung Tai 19882
Mayergoyz, I.D. *see* Gwo-Chung Tai 42981
Mayerhofer, W., Beth, M.U. Design of an e-beam controlled 1 kW Ar:Xe laser 20593

Mayers, A.W., Yu, F.T.S., Newman, J.P. Scattering and color cross talk in photorefractive correlation 36040
Mayes, M.K., Chin, S. A 12-bit EEPROM trimmed analog-to-digital converter 18835
Mayhew, G.R. *see* Innes, A.G. 40560
Mayhew, L., Batra, S., Baratz, J., Sen, S. Productivity improvements through application integration based on the DECunity architecture 32248
Maynard, H.J., Hershkowitz, N. New alternative graphing methods for thin-film interferometry data 34652
Maynard, L., Venkatesan, V., von Windheim, J.A., Thompson, D.G. Application of ion-assisted electron beam metallization to diamond electronics 19674
Mayo, D. *see* Boyko, C. 1740
Mayo, D.F. *see* Jao, Y.-W. 16635
Mayo, J.W. *see* Raposo, J.A. 31355
Mayo, R. *see* Jouppi, N.P. 26965
Mayo, R. *see* Jouppi, N.P. 27001
Mayo, S., Suehle, J.S., Roitman, P. Breakdown mechanism in buried silicon oxide films 11335
Mayor, J.M. *see* Oppliger, Y. 34855
Mayor, M.A., Carroll, R. An exponentially weighted probabilistic data association filter 23116
Mayordomo, J.G., Usaola, J. Apparent power and power factor definitions for polyphase nonlinear loads when supply conductors present different resistances 24747
Mayordomo, J.G. *see* Valcarel, M. 32185
Mayorov, A.V. *see* Korchemkin, Yu.B. 44497
Mayorov, V.V., Myshkin, I.Yu. Calculation of one correlation characteristic of an electroencephalogram and its relationship to short-term memory capacity 47082
Mayosky, M.A., Catalfo, J.M., Acosta, G.G. Neural-net-based control of dynamical systems: a case study 32784
Mayoux, C., Lacabanne, C. A new approach in the analysis of the water treeing phenomenon by using fluorescence microscopy and the thermostimulated creep 43157
Mayoux, C. *see* Jonsson, J. 43191
Mayr, B., Weinrichter, H. Fractional-rate hybrid PSK-TCM codes for the Rayleigh fading channel 44695
Mayr, H.-P., Stone, D. Advanced insulation systems for the electric motors of modern high speed trains 48360
Mayr, J. The allrounder for new RDS and RBDS applications 14753
Maywald, M., Stephan, R.E., Balk, L.J. Evaluation of an epitaxial layer structure by lateral force and contact current measurements in a scanning force microscope 42423
Mayweather, W.T. *see* Rodda, W.E. 6206
Mayya, A. *see* Deshpande, S.V. 16506
Mazalerat, J.-M. *see* Morel, J. 8065
Mazalerat, J.-M. *see* Morel, J. 25142
Mazanec, T. Current status of power system telecontrol (HDO) in the Czech and Slovak Republics 32329
Mazare, G. *see* Aktouf, [illegible]h. 6308
Mazare, G. *see* Karabernou, S.M. 41954
Mazataud, D. *see* Mens, A. 6596
Maze, S. *see* Carre, C. 36942
Maze, S. *see* Laude, V. 3209
Mazeas, J. *see* Dequero, Y. 47340
Mazel, A. *see* Henry, F. 9760
Mazel, D.S. Detection of signals with a fractal model 44902
Mazen, S.A. *see* Wafik, A.H. 2801
Maziar, C.M. *see* Chandramouli, V. 20539
Maziar, C.M. *see* Hareland, S.A. 2533
Maziar, C.M. *see* Shaheed, M.R. 11170
Mazmanishvili, A.S. *see* Ispirov, G.T. 28471
Mazmanyan, R.O. *see* Andrievskii, E.A. 31389
Maznev, A.A. *see* Kolomensky, Al.A. 24555
Mazo, J.E. *see* Ayanoglu, E. 21621
Mazo, M., Urena, J., Rodriguez, F.J., Lazaro, J.L., Garcia, J.C., Santiso, E., Revenga, P. The control of DC motors of medium capacity. 1. An application to the control of a vehicle 40507
Mazo, M. *see* Espinosa, F. 28159
Mazor, B. *see* Veeneman, D. 36589
Mazor, I. *see* Nyyssonen, D. 23877
Mazoyer, J.L. *see* Bleijs, C.A. 48285
Mazroua, A.A., Salama, M.M.A., Bartnikas, R. PD pattern recognition with neural networks using the multilayer perceptron technique 35116
Mazumdar, G.K.D. *see* Nath, D. 24063
Mazumdar, R., Badrinath, V., Guillemin, F., Rosenberg, C. A note on the pathwise version of Little's formula 17994
Mazumdar, R.R. *see* Dijkerman, R. 13331
Mazumdar, S. *see* Pettigrew, R.D. 32515
Mazumder, M.M. *see* Chen, G. 12038
Mazumder, M.M. *see* Chowdhury, D.Q. 28906
Mazumder, P. An integrated built-in self-testing and self-repair of VLSI/WSI hexagonal arrays 11267
Mazumder, P. Design of a fault-tolerant three-dimensional dynamic random-access memory with on-chip error-correcting circuit 16926
Mazumder, P., Jih, Y.-S. Restructuring of square processor arrays by built-in self-repair circuit 18773
Mazumder, P. *see* Esbensen, H. 41583
Mazumder, P. *see* Mohan, S. 10077
Mazumder, P. *see* Mohan, S. 19961
Mazumder, P. *see* Mohan, S. 26932
Mazumder, S.P. *see* Gangopadhyay, R. 23075
Mazur, A.B. *see* Dryagin, Yu.A. 6729
Mazur, C. *see* De Filippo, E. 46876
Mazur, E. *see* Jyhpyng Wang 1116
Mazur, J. Millimeter-wave three-port finline circulator using distributed coupling effect 18974
Mazur, R.G. *see* Heddleson, J.M. 42543
Mazur, R.G. *see* Le Dudal, R. 43120
Mazur, R.G. *see* Weinzierl, S.R. 42909
Mazurczyk, M. *see* Gnauck, A.H. 30853
Mazure, C. *see* Kenkare, P.U. 35081
Mazurenko, D.K. Line signal coding methods in interacting single-cable digital transmission systems 14372
Mazurenko, L.I. *see* Shidlovskii, A.K. 32811
Mazurenko, Yu.T. Spectral holography 36075
Mazurowski, J. *see* Ballingall, J.M. 33604
Mazurowski, J. *see* Chin, A. 41382
Mazurowski, J. *see* Gupta, S. 38488
Mazza, M.L. *see* D'Avanzo, B. 38900
Mazzanti, G., Montanari, G.C., Simoni, L. Considerations on the compatibility conditions of the Eyring model applied for multiple stresses 35156
Mazzanti, G. *see* Borghi, C.A. 25784
Mazzanti, G. *see* Cacciari, M. 43218
Mazzara, D. *see* Ferretti, G.F. 15883
Mazzei, F. *see* Botre, F. 6611
Mazzella, M. *see* Jung, P. 22957
Mazzenga, G. *see* Bocciolini, M. 24082
Mazzeo, A. *see* Conti, M. 15726
Mazzeo, N. *see* Hu, C.-K. 34822
Mazzeo, N.J. *see* Hu, C.-K. 2252
Mazzeo, N.J. *see* Kobeda, E. 11291
Mazzer, M. *see* Fama, F. 41479
Mazzeti, C. *see* Lo Piparo, G. 16468
Mazzetti, C. *see* Pompili, M. 35112
Mazzetti, P. *see* Carbone, A. 10673
Mazzetti, P. *see* Giuli, D. 44363
Mazzia, F. *see* Amodio, P. 9476
Mazzia, F. *see* Amodio, P. 26368
Mazzinghi, P. *see* Krajewski, A. 28427
Mazzini, B. *see* Irone, M. 47091
Mazziotta, J.C. *see* Daghighian, F. 39000
Mazziotta, J.C. *see* Woods, R.P. 24241
Mazzocca, N. *see* Conti, M. 15726
Mazzola, M.S., Stoudt, D.C., Roush, R.A. Tailoring of transport dynamics by recombination center engineering of copper-compensated GaAs 28632
Mazzoldi, P. *(editor)* International Conference from Galileo's 'Occhialino' to Optoelectronics 33189
Mazzoleni, B. *see* Boatto, C. 25578
Mazzolini, A.M. *see* Uttamchandani, D. 46479
Mazzoni, D.L., Cho, K., Davis, C.C. A coherent hybrid fiber-optic probe for mapping induced birefringence in GaAs structures 15040
Mazzoni, M. *see* di Salvatore, F. 24874
Mazzoni, M. *see* Eggleton, M.N. 24873
Mazzoni, M. *see* King, W.L. 24888
Mazzoni, M.A. *see* Buontempo, S. 31696
Mazzoni, P. *see* Valverde, J.G. 3987
Mazzucato, E. *see* Buontempo, S. 31696
Mazzucchelli, M. *see* Marchesoni, M. 17029
Mazzuchi, T.A., Soyer, R. A Bayes method for assessing product-reliability during development testing 17974
Mazzullo, T. Design Kits for multichip module design 17877
Mbamalu, G.A.N. *see* El-Hawary, F. 4670
Mbi Makungu, Xu De A protocol for real-time communication in LAN 5499
Mbihi, J., Dochain, D., Turgeon, A.B. Modelling of an autonomous power system at variable speed for transient simulation using Lagrange's laws 7732
Mboup, M., Bonnet, M. On the adequateness of IIR adaptive filtering for acoustic echo cancellation 13391
Mbow, B., Mezerreg, A., Rezzoug, N., Llinares, C. Calculated and measured spectral responses in near-infrared of III-V photodetectors based on Ga, In, and Sb 46429
Mbow, B., Rezzoug, N., Peremarti, C., Mezerreg, A., Llinares, C. Spectral responses in near-infrared of the mixed compounds III-V, ternary and quaternary, based on GaSb 3308
Mea, G.Della *see* Della Mea, G.
Meacham, R.J. *see* Davidson, S. 41964
Mead, C.A. *see* Sarpeshkar, R. 28123
Mead, J., Chang, P., McIntosh, R. Polarimetric backscatter measurements of natural surfaces at millimeter wavelengths 46094
Mead, R.D. *see* Fisher, C.H. 20716
Meador, J. *see* Wu, A. 40983
Meador, J.L. *see* Perez, L.G. 47937
Meador, M.A. *see* Eby, R.K. *(editor)* 40815
Meadows, B. *see* Abe, K. 7260
Meadows, B. *see* Abe, K. 46930
Meadows, H.E. *see* Wey-Wen Jiang 29937
Meadows, M.L. *see* Colley, J.D. 8133
Meagher, G., Lu, Y.-F., He, X.-F., Kotlicki, A., Eska, G., Turrell, B.G. Progress in the development of the tin PASS granule detector 24042
Meakin, P. *see* Sapoval, B. 25628
Mean Park Kwang *see* Kwang Mean Park
Meaney, F. PNGS—A Unit 4 composite graphite valve packing program 16561
Meares, L.G., Hymowitz, C.E. Improved SPICE model simulates transformer's physical processes 27327
Mears, C.A., Labov, S.E., Barfknecht, A.T. Energy-resolving superconducting X-ray detectors with charge amplification due to multiple quasiparticle tunneling 11528
Mears, C.A., Labov, S.E., Barfknecht, A.T. High-resolution superconducting X-ray detectors with two aluminum trapping layers 20192
Mears, C.A. *see* Verghese, S. 35263
Mears, E. *see* Brotherton, T. 29598
Mears, L.D. *see* Williams, P.M. 47691
Mears, R.J. *see* Cochlain, C.R.o. 3499
Mears, R.J. *see* O'Brien, D.C. 12486
Meassick, S. *see* Qin, S. 2021
Measures, R. *see* Glennie, D. 6546
Measures, R.M., Alavie, T., Karr, S., Coroy, T. Smart structure interface issues and their resolution: Bragg Grating laser sensors and the 'optical synapse' 23668
Measures, R.M. *see* Alavie, A.T. 23655
Measures, R.M. *see* Alavie, A.T. 23672
Measures, R.M. *see* Le Blanc, M. 6553
Measures, R.M. *see* Othonos, A. 15066
Measures, R.M. *see* Valis, T. 23681
Meauzoone, L., Perdigou, J., Wattinne, P. Strategy for I&C renovation of EDF thermal power plants 47719
Mecca, J.P., Lapietra, F., Shutler, W., Venkatachalam, P. Characterization of simultaneous switching noise in multi-layer ceramic multi-chip modules 9279
Mecea, V.M. Tunable gas sensors 6624
Mecea, V.M. Loaded vibrating quartz sensors 31197
Mech, M. *see* Brandstetter, P. 8870
Mech, S.J. *see* Addleman, R.S. 7640
Mechahougui, S., Harthong, J., Medjahed, A. Determination of modulation profile of phase holographic grating 29065
Mechenbier, J.R. *see* Taylor, C.W. 25375
Mecherle, G.S., Marrs, K.L. Description and results of a satellite laser communication/tracking simulation 46028
Mecherle, G.S., Smith, D.P. Next generation 3-Gbps coherent optical space communication terminal under 100 lbs, 100 W 14563
Mechetin, A.M. *see* Arkhipova, T.A. 6559
Mecke, R. *see* Adli, M. 8878
Meckes, R. *see* van den Berg, R. 17390
Mecklenberg, M. *see* Xie, B. 7328
Mecocci, A., Bartolini, F., Cappellini, V. Image sequence analysis for counting in real time people getting in and out of a bus 30140
Mecocci, A. *see* Barni, M. 22010
Mecocci, A. *see* Cappellini, V. 45087
Mecocci, A. *see* Galli, I. 36935
Mecozzi, A. Error probability of amplified IMDD systems at zero dispersion 14631
Mecozzi, A. Long-distance soliton transmission with filtering 23054
Mecozzi, A. Long-distance transmission at zero dispersion: Combined effect of the Kerr nonlinearity and the noise of the in-line amplifiers 44083
Mecozzi, A., D'Ottavi, A., Hui, R. Nearly degenerate four-wave mixing in distributed feedback semiconductor lasers operating above threshold 12104
Mecozzi, A., Sapia, A., Spano, P., Burkhard, H., Hansmann, S., Hillmer, H. Nonlinearities in high-index-coupled $\lambda/4$-shifted distributed-feedback semiconductor lasers 35804
Mecozzi, A. *see* Matera, F. 5895
Mecozzi, A. *see* Mirasso, C.R. 45990
Mecozzi, A. *see* Valle, A. 3721
Mecrow, B.C. *see* Brass, M.A. 8838
Mecrow, B.C. *see* Craig, E. 16993
Mecrow, B.C. *see* Harris, M.R. 8330
Meczynska, H. *see* Szatkowski, J. 10662
Meda, L., Bertoni, S., Cerofolini, G.F., Gassel, H. Electrical and structural characteristics of thin buried oxides 34615
Meda, L. *see* Cerofolini, G.F. 11279
Meda, L. *see* Cerofolini, G.F. 27645
Meda, L. *see* Cerofolini, G.F. 34610
Meda, L. *see* Spaggiari, C. 19459
Medbo, J. *see* Adam, W. 7259
Medbo, J. *see* Adam, W. 31715
Medbo, J. *see* Adam, W. 46929
Meddahi, M. *see* Jackson, A. 15276
Meddaugh, G. *see* Tanabe, E. 42353
Meddeler, G. *see* Anghinolfi, F. 1079
Meddeler, G. *see* Campbell, M. 46972
Meddens, B.J.H. *see* Manintveld, P. 12265
Meddi, F. *see* Buontempo, S. 31696
Meddi, F. *see* Morosanu, C. 31771
Medeiro, F. *see* Degaldo-Restituto, M. 18511
Medeiros, D.J. Analysis of manufacturing systems using simulation: a proposed course 26099
Medeiros, S.S. *see* Farn, M.W. 3121
Medelci, N., Bensaoula, A., Vilela, M.F., Freundlich, A. Chemical beam epitaxy grown indium gallium arsenide tunnel junctions [for solar cells] 26418
Medhat, S. *see* Reddy, R. *(editor)* 40884
Medhat, S.S. *see* Long, D.I. 27098

Medbi, D., Sankarappan, S. Impact of a transmission facility link failure on dynamic call routing circuit-switched networks under various circuit layout policies 13923
Medhurst, T.P. *see* Crisafulli, S. 38402
Mediavilla, A., Tazon, A. Analytical nonlinear MESFET modelling: mathematical approach 28208
Mediavilla, A., Tazon, A., Garcia, J.L. Measurement and nonlinear modelling of power MESFETs 2682
Mediavilla, A. *see* Fernandez, T. 27223
Mediavilla, A. *see* Fernandez, T. 28195
Mediavilla, A. *see* Filicori, F. 28194
Medica, B. *see* Mrdakovic, D. 7829
Medica, B. *see* Mrdakovic, D. 16234
Medici, G. *see* Dionisi, C. 7222
Medigue, C., Dupont, F., Clairambault, J., Curzi-Dascalova, L., Spassov, L. A synchronous language, SIGNAL: application to heart rate variability and body movements analysis in sleeping newborns 39056
Medin, S.A. *see* Bystrova, O.V. 25314
Medina, A., Arrillaga, J. Analysis of transformer-generator interaction in the harmonic domain 32838
Medina, A., Arrillaga, J. Harmonic interaction between generation and transmission systems 32841
Medina, F., Drake, E., Cano, G., Horno, M. Improved quasi-static and full-wave analysis of the general boxed coplanar waveguide 29256
Medina, I.R. *see* Madsen, E.L. 47064
Medina, J. *see* Dussell, W.O. 33376
Medina, J. *see* Simons, F.O. 42066
Medina, R. *see* Albanese, R. 44313
Medina Munoz, J.J. *see* Ruiz Castell, L.A. 25543
Medioni, G. *see* Rom, H. 21940
Medioni, G. *see* Saint-Marc, P. 21954
Meditch, J.S. *see* Xi Jiang 22737
Medjahed, A. *see* Mechahougui, S. 29065
Medley, J. *see* Ridler, N. 31132
Medley, M.D. *see* Johnson, G.E. 1646
Mednikarov, B., Poleshchuk, A.G., Churin, E.G. The application of As_2S_3 films for fabrication of relief-phase diffractive elements 28576
Medoks, T.M. *see* Meshchanov, V.P. 10371
Medouri, A. *see* Gallego, A. 30890
Medvecky, M. *see* Podhradsky, P. 26901
Medvedev, A.V. Intensification of ultrasound by irregularities on the surface of the inspected component 41537
Medvedev, A.V. *see* Ssakharov, S.A. 20099
Medvedev, B.K., Mokerov, V.G., Peskov, N.V. Formation kinetics of bulk vacancies during molecular beam epitaxial growth of GaAs 679
Medvedev, B.K. *see* Mokerov, V.G. 42652
Medvedev, I.V. *see* Derkach, V.P. 28055
Medvedev, V.I. *see* Zuyev, N.G. 1098
Medvedkov, A.M. *see* Cianfarani, C. 31731
Medvid, A., Ogrinsh, M. Photoconductivity of a semiconductor with a transverse gradient of drift velocity of charge carriers 28600
Medzilo, S. *see* Kruszewski, J. 43489
Mee, N. *see* Tirkel, A.Z. 45857
Mee, R.W. *see* Eberhardt, K.R. 31092
Mee Koy Chin Simple electrical biasing for minimizing the nonlinearities of quantum-well Mach-Zehnder modulators 43518
Mee Koy Chin, Chu, D.Y., Seng-Tiong Ho Estimation of the spontaneous emission factor for microdisk lasers via the approximation of whispering gallery modes 43775
Meehan, K., Heath, L.S., Williams, J.E., Wang, T.Y., Beyea, D.M., Chin, A.K., Stutius, W. Fabrication processes for GaAs-based high-power diode lasers 35811
Meehan, M.J., Ellson, R.N. Depth quantization for polygonal consolidation from range data 4900
Meek, C.E. *see* Nakamura, T. 7613
Meek, S.G. *see* Park, E. 24347
Meek, T.R. Electronic watt-hour meter with integral VHF transmitter: trial experience in the UK 47601
Meeker, W.Q., Jr *see* Meeter, C.A. 26161
Meekison, C.D. *see* Hunt, T.D. 10881
Meeks, E. *see* McCarty, K.F. 840
Meeks, E. *see* Napolitano, L.M., Jr. 328
Meeks, E. *see* Napolitano, L.M., Jr. 9937
Meempat, G., Sundareshan, M.K. A reinforced movable boundary multiplexing scheme with adaptive interpolation: modelling and performance evaluation 45291
Meena, K., Ganapathy, V., Balasubramaniam, A. Bootstrap approach to validate clustering solution 13765
Meenakshi, S. *see* Murali, V. 7500
Meenakshisundaram, P. *see* Bajpai, O.P. 4974
Meer, A.F.G.van der *see* van der Meer, A.F.G.
Meer, J.van der *see* van der Meer, J.
Meer, K.van der *see* van der Meer, K.
Meer, P.J.van der *see* van der Meer, P.J.
Meerbergen, J.L.van *see* van Meerbergen, J.L.
Meerbergen, J.Van *see* Van Meerbergen, J.
Meerkotter, K., Scholz, R. Noise suppression using wave digital filter banks 21814
Meerkov, S.M. *see* Benmohamed, L. 45278
Meester, P.de *see* de Meester, P.
Meeter, C.A., Meeker, W.Q., Jr Optimum accelerated life tests with a nonconstant scale parameter 26161
Meeuwissen, H.B. New constructive coding strategies for two-way communication 12870
Megahed, A.A. *see* Abdel-Salam, M.S. 3977
Megahed, S.A., Ebner, W.B. Lithium-ion coin cells for electronic applications 40446
Megahed, S.A. *see* Pagoria, D.D. 17159
Megalemos, C., Batarseh, I., Sznaier, M., Ramaswamy, S. Small signal analysis of the LCC-type parallel resonant converter 26716
Megdanis, A. *see* Crabbe, E. 19072
Megerle, C.A. *see* Wong, B. 33354
Megiddo, N., Naor, M., Anderson, D.P. The minimum reservation rate problem in digital audio/video systems 4646
Meguro, T., Caughey, T., Wolf, L., Aoyagi, Y. Solid-state tunable deep-ultraviolet laser system from 198 to 300 nm 28766
Meguro, T. *see* Ishii, M. 27718
Meguro, T. *see* Isshiki, H. 720
Meguro, T. *see* Yamanouchi, K. 2768
Meguro, T. *see* Yamanouchi, K. 11430
Mehalic, M. *see* Scribner, K. 18785
Mehaute, A.L., Heliodore, F., Dionnet, V. Overview of electrical processes in fractal geometry: from electrodynamic relaxation to superconductivity 21156
Mehdi, I. *see* Siegel, P.H. 34257
Mehdi, K.A., Kontoleon, J.M. Design and analysis of a fault-tolerant reconfigurable random access memory chip 26928
Mehdian, H. *see* Willett, J.E. 28894
Mehdizadeh, E. *see* Shojaei, M. 20622
Mehendale, M. Impact of logic module routing flexibility on the routability of antifuse-based channelled FPGA architectures 41829
Mehendale, M., Mitra, B. An integrated approach to state assignment and sequential element selection for FSM synthesis 41839
Meher, P.K., Panda, G. Unconstrained Hartley domain least mean square adaptive filter 21800
Mehicic, K. *see* Zutobradic, S. 24741
Mehlan, R., Yong-En Chen, Meyr, H. A fully digital feedforward MSK demodulator with joint frequency offset and symbol timing estimation for burst mode mobile radio 22836
Mehlan, R. *see* Nandi, A.K. 13420
Mehler, M.J. *see* Holt, A.R. 29209
Mehlhorn, K. *see* Kaufmann, M. 41607
Mehliss, G. *see* Bauch, L. 2311
Mehliss, G. *see* Bauch, L. 2356
Mehlkopf, A.F. *see* de Beer, R. 15834
Mehlkopf, A.F. *see* de Beer, R. 38991
Mehlkopf, A.F. *see* van Tongeren, B.P.O. 24263
Mehmedovic, M., Stojsavljevic, M., Nemec, D., Vargovic, E. Electric power system interaction investigation using electromechanical sensitivity mode with regard to relevant parameters 24617
Mehmet-Ali, M. *see* Grela-M'Poko, B. 5221
Mehne, M. *see* Hussels, P. 8847
Mehnert, A. *see* Schmitt, N.P. 3577
Mehr, T., Christiansen, J., Frank, K., Gortler, A., Stetter, M., Tkotz, R. Investigations about triggering of coaxial multichannel pseudospark switches 42277
Mehra, D.K. *see* Singh, B. 44664
Mehra, D.K. *see* Tripathi, C.B. 29703
Mehra, M. *see* Hseih, B.-C. 2686
Mehra, R.M., Gurinder Inderbir, Jasmina, R.M., Pundir, A., Mathur, P.C. Dark and photoconductivity of TBP doped n-type a-Si:H 42434
Mehrabi, M.Reza *see* Reza Mehrabi, M.
Mehregany, M. An overview of microelectromechanical systems 6456
Mehregany, M. *see* Dhuler, V.R. 25479
Mehregany, M. *see* Dhuler, V.R. 25480
Mehring, M. *see* Bauerle, P. 26528
Mehrota, M., Baliga, B.J. Very low forward drop JBS rectifiers fabricated using submicron technology 19752
Mehrotra, B. *see* Ratnam, P. 11175
Mehrotra, K. Analysis of the multi output coupled inductor in the continuous inductor current mode for forward and push pull converters 32936
Mehrotra, K. *see* Anand, R. 13642
Mehrotra, K. *see* Krishnaswamy, D. 29860
Mehrotra, R. *see* Gary, J.E. 22136
Mehrotra, R. *see* Ghosal, S. 22034
Mehrotra, R. *see* Ghosal, S. 36957
Mehrotra, R. *see* Ghosal, S. 37023
Mehrotra, R. *see* Hu, F. 36956
Mehta, A. *see* Cronstrom, H. 31804
Mehta, A.A. *see* Jimarez, L.J. 1737
Mehta, B. *see* Schainker, R.B. 33078
Mehta, B. *see* Schalge, R. 33079
Mehta, G.K. *see* Sinha, A.K. 24117
Mehta, G.K. *see* Sinha, A.K. 31800
Mehta, H. *see* Dabbs, W.W. 47505
Mehta, H. *see* Smith, R.K. 25044
Mehta, H.R. *see* Bhattacharya, B.K. 16531
Mehta, K., Hong, S.J., Jue, J.-F., Virkar, A.V. Fabrication and characterization of YSZ-coated ceria electrolytes [for SOFC applications] 17334
Mehta, N.P. *see* Deivendran, S. 30689
Mehta, R.C. *see* Dhingra, J.S. 5731
Mehta, S. *see* Hathaway, M. 2655
Mehta, S.I. Modification and evaluation of sequential quadratic programming method for engineering design optimization 231
Mehtani, R., de Jonghe, M., Morren, R., Baker, K. Improving total IC design quality using application mode testing 10203
Mehuys, D., Goldberg, L., Hall, D., Welch, D.F. High-power, diffraction limited, CW optical amplifiers 20826
Mehuys, D., Goldberg, L., Welch, D.F. 5.25-W CW near-diffraction-limited tapered-stripe semiconductor optical amplifier 35786
Mehuys, D., Major, J., Jr., Welch, D.F. High-power, high-efficiency, antiguide laser arrays 20820
Mehuys, D. *see* Goldberg, L. 3783
Mehuys, D. *see* Goldberg, L. 12196
Mehuys, D. *see* Hall, D.C. 20794
Mehuys, D. *see* Hall, D.C. 43937
Mehuys, D. *see* Lang, R.J. 12197
Mehuys, D. *see* O'Brien, S. 12198
Mehuys, D. *see* O'Brien, S. 12232
Mehuys, D. *see* Surette, M.R. 20935
Mehuys, D. *see* Waarts, R. 29019
Mei, G.-G.M., Lin, M.-H., Hu, L., Chang, H. A real-time multimedia system for video applications 30281
Mei, H. *see* Yang, S.-M. 30417
Mei, K.K. Theory and practice of the measured equation of invariance 29137
Mei, K.K., Pous, R., Chen, Z., Liu, Y.W. Measured equation of invariance—a lean and fast method for field computation 12546
Mei, K.K. *see* Pous, R. 29222
Mei, K.K. *see* Prouty, M.D. 4212
Mei, P., Boyce, J.B., Hack, M., Lujan, R.A., Johnson, R.I., Anderson, G.B., Fork, D.K., Ready, S.E. Laser dehydrogenation/crystallization of plasma-enhanced chemical vapor deposited amorphous silicon for hybrid thin film transistors 42911
Mei, P. *see* Hack, M. 34990
Mei, P. *see* Johnson, R.I. 27492
Mei, P. *see* Ready, S.E. 27459
Mei, V.C., Chen, F.C., Mathiprakasam, B., Heenan, P. Study of solar-assisted thermoelectric technology for automobile air conditioning 25904
Mei, Y.J., Wang, M.W., Hsieh, W.K., Chang, C.Y., Huang, C.J., Tseng, T.Y. Bolometric response of high temperature superconducting thin films 35299
Mei, Z. *see* Morris, J.W., Jr. 875
Mei Chen *see* Chen Mei
Mei Jianping *see* Liu Chuanbo 25804
Mei Shen Sheng *see* Shen Sheng Mei
Mei Shirong *see* Shirong Mei
Mei Tian *see* Tian Mei
Mei Ting *see* Ting Mei
Mei Wang Xin *see* Xin Mei Wang
Mei Xiaobing *see* Zhang Yaohui 21047
Mei Xiaobing *see* Xiaobing Mei
Mei Yambiao, Chen Kexin, Liao Jianhong, Li Guanbing, Li Zhuhe, Deng Jiqiao, Liu Songhao Laser cutting of dry diamond saw substrates 29068
Mei Yuan *see* Yuan Mei
Mei-De Qiu *see* Qiu Mei-De
Mei-Fei Ko *see* Mio, N. 11934
Mei-Hsing Chen, Chin, R.T. Partial smoothing splines for noisy +boundaries with corners 21957
Mei-Qun Jiang *see* Jiang Mei-Qun
Mei-Yuh Hwang, Xuedong Huang Shared-distribution hidden Markov models for speech recognition 44758
Meibody Tabar, F. *see* Bouzekri, H. 16813
Meidong Zhu *see* Zhu Meidong
Meier, D., Unseld, H., Heer, K.P., Wunderlich, A., Henniger, M. Multifunction units for control and calculation applications in the industrial power plant of Huls AG 8203
Meier, H., Russer, P. Analysis of leaky surface acoustic waves on $LiTaO_3$ substrate 20115
Meier, H., Schneiderbauer, B., Russer, P. Propagation of leaky surface acoustic waves under thin periodic metal electrodes 11435
Meier, H. *see* Ruile, W. 11434
Meier, H.P. *see* Brovelli, L.R. 20790
Meier, H.P. *see* Hausser, S. 12113
Meier, J., Egelhof, P., Fischer, C., Himmler, A., Kirchner, G., Kienlin, A.v., Kraus, G., Henning, W., Shepard, K.W. Energy sensitive detection of heavy ions with transition edge calorimeters 24027
Meier, J. *see* Kroll, U. 33711
Meier, K.L. *see* Nguyen, D.C. 43972
Meier, N. *see* Fiebich, M. 15803
Meier, U., Muller, H. Substrate integrated transition between a planar millimetre wave antenna and hermetically sealed integrated circuits 21393
Meier, W. On the security of the IDEA block cipher 36540
Meier, W., Staffelbach, O. Efficient multiplication on certain nonsupersingular elliptic curves 9419
Meier, W., von Stein, H.D. Infrared image enhancement with nonlinear spatio-temporal filtering 22199
Meier-Hedde, C. *see* Bottcher, A. 5190

Meifang Yu *see* Yu Meifang
Meigen Xu *see* Xu Meigen
Meijden, M.A.M.M.Van der *see* Van der Meijden, M.A.M.M.
Meijer, A.R. *see* Meijer, C.A. 12948
Meijer, C.A., Meijer, A.R. A proposed public key bitstream cipher 12948
Meijer, G.J. *see* Steennis, E.F. 24955
Meijer, P.M., Passchier, J.D.P., Goedheer, W.J., Bezemer, J., van Sark, W.G.J.H.M. Frequency effects in capacitively coupled radio-frequency glow discharges: a comparison between experiments and a two-dimensional fluid model 42346
Meijerdrees, R. *see* Konijn, J. 24087
Meijers, F. The OPAL event builder; practical experience with C++ in data acquisition 38418
Meijers, J., van Tilburg, J. Extended majority voting and private-key algebraic-code encryptions 12881
Meijnders, M.A. 100 kW demonstration SOFC—working knowledge installation 40069
Meijssen, V.M.H. *see* Montree, A.H. 20002
Meijuan Chen *see* Chen Meijuan
Meijuan Shi *see* Shi Meijuan
Meikle, S. *see* Sandhu, G. 19658
Meiling, J., Coles, S. New design of an optical profiler 46625
Meiling Zhou *see* Jingwu Qiu 38477
Meilleur, R. *see* Doussiere, P. 28824
Meilunas, R. *see* Jardine, A.P. 3070
Meilunas, R.J. *see* Madsen, J.S. 20318
Meincke, O., Herb, S., Schmuser, P. Chromaticity measurements in the HERA proton storage ring 7091
Meindl, J.D. A prospectus for gigascale integration (GSI) 11270
Meindl, J.D., De, V.K., Agrawal, B. Prospects of gigascale integration (GSI) beyond 2003 28253
Meindl, J.D. *see* Agrawal, B. 42970
Meineke, A. *see* Gundel, H. 38803
Meiners, E. *see* Eberl, G. 29066
Meiners, U., Brugger, H., Maile, B.E., Wolk, C., Koch, F. Quasi one-dimensional in-plane-gate field-effect-transistor 43017
Meiners, U. *see* Brugger, H. 46387
Meiners, U. *see* Diniz, R. 11127
Meinke, R. *see* Tsyganov, E. 46801
Meinkoehn, J., Knoll, A. Recent results in organization and performance evaluation of large sensor networks 36715
Meinkohn, J., Morgan, D., Sanchez, J. Service interaction detection and control 37566
Meinkohn, J. *see* Hall, J. 37284
Meinkohn, J. *see* Strick, L. 37345
Meinlschmidt, P. *see* Ganesan, A.R. 44156
Meinzer, G. *see* Diel, W. 8669
Meiqian Huang *see* Huang Meiqian
Meir, D.S., Borkowicz, N., Evans, J.L., Johnson, R.W. Using MCM technology to enhance the development of electronic control modules 330
Meir, R., Fontanari, J.F. Data compression and prediction in neural networks 21845
Meirhaeghe, L.van *see* van Meirhaeghe, L.
Meirhaeghe, R.L.Van *see* Van Meirhaeghe, R.L.
Meirhaeghe, R.van *see* van Meirhaeghe, R.
Meiri, A.Z. *see* Francos, J.M. 4875
Meirong Lin *see* Lin Meirong
Meis-Haugen, G. *see* Wu, B.J. 9546
Meisberger, F. *see* Lemmer, S. 16449
Meisen, P. Worldwide interconnections may be an idea whose time has come [power systems] 16219
Meisenheimer, T.L. *see* Fleetwood, D.M. 19806
Meisenheimer, T.L. *see* Shaneyfelt, M.R. 34982
Meisingset, A. The draft CCITT formalism for specifying human-machine interfaces 13958
Meisingset, A. A data flow approach to interoperability 14018
Meisl, C.J. Parametric cost model for solar space power and DIPS systems 39300
Meisner, J.W. *see* Bursch, P.M. 24420
Meiso Yokoyama *see* Chin-Tsar Hsu 3347
Meiss, M. *see* Laufer, R. 16200
Meissner, D. *see* Halbauer, H. 14327
Meissner, E. Influence of recharge potential and acid concentration on the discharge behaviour of PbO_2 electrodes 17218
Meissner, E., Rodler, H., Lades, M. Pattern independent 2.5 Gbit/s AMI-CPFSK transmission with −44 dBm receiver sensitivity 38033
Meissner, J. *see* Henschel, H. 15623
Meissner, P. *see* Hermes, T. 14632
Meissner, P. *see* Hermes, T. 38106
Meissner, P. *see* Schnabel, R. 38076
Meissner, P. *see* Schnabel, R. 38128
Meissner, P.L., Barvman, J.C., Kendelewicz, T., Spindt, C.J., Herrera-Gomez, A., Spicer, W.E., Arko, A.J. Barrier height reduction at the Pd-Ge/n-GaAs interface 1939
Meister, C.C. *see* Johnson, J.R. 11014
Meister, T.F. *see* Felder, A. 34140
Meister, T.F. *see* Treitinger, L. 30837
Meitzler, A.H. An ultrasonic technique for determining the elastic constants of glass wafers 9854
Meitzler, C.R. *see* Antes, K.J. 7134
Meitzler, C.R. *see* Larsson, A.M. 46814
Meitzler, C.R. *see* Xiu, L. 15409
Meiwen Yu *see* Cunlin Zhang 29046
Meixner, H., Gerblinger, J., Fleischer, M. Sensors for monitoring environmental pollution 7641
Meixner, H. *see* Gerblinger, J. 6643
Meixner, H. *see* Hacker, B. 31328
Meixner, H. *see* Lampe, U. 31335
Meiying Kong *see* Chunhui Yan 42523
Meiying Kong *see* Kong Meiying
Meizhi Rong *see* Rong Meizhi
Mejak, G. Curvilinear composite triangular element of class C^1 628
Mejia, C. *see* Thiria, S. 24498
Mejias, M. *see* Luque, J. 47417
Mejias, P.M. *see* Martinez-Herrero, R. 3738
Mejias, P.M. *see* Piquero, G. 44041
Mejias, P.M. *see* Serna, J. 3747
Mejri, H. *see* Maaref, H. 11817
Mekekechko, A.Yu., Kovalenko, A.V., Chernenko, I.M., Katkov, V.F. Hydrogen sensitivity of ZnSe/GaAs structures 6647
Mekelburg, K. *see* Fruhwirth, B. 18045
Mekhedov, I.V. *see* Zhuk, S.Ya. 23106
Mekhtieva, S.I. *see* Kazakova, L.P. 19353
Mekideche, M.R., Feliachi, M. An axially symmetric finite element model for the electromagnetic behaviour of an RF plasma device 44273
Mekkaoui, A. *see* Dierickx, B. 24001
Mekuria, F. *see* Fjallbrant, T. 13109
Melaa, T. *see* Vangen, K. 17070
Melack, J.M. *see* Wang, Y. 24524
Melack, J.M. *see* Wang, Y. 39407
Melaku, Y. *see* Gabriel, C.T. 43094
Melamed, B. An overview of TES processes and modeling methodology 5352
Melamed, B. The TES methodology: modeling temporal dependence in empirical time series 18001
Melamed, B. *see* Frost, V.S. 37055
Melancon, P., Bultitude, R.J.C. Probability of error on radio links with fixed terminals in μcellular land mobile and indoor environments 37809
Melancon, P. *see* Bultitude, R.J.C. 4101
Melani, M. *see* Capodieci, P. 37901
Melas, A.A. *see* Akram, S. 41335
Mel'chenko, S.V. *see* Kopylova, T.N. 3468
Mel'chenko, S.V. *see* Tarasenko, V.F. 21060
Melcher, C.L. *see* Daghighian, F. 15734
Melcher, D.C. *see* Han, D. 3316
Melcher, E. *see* Rothig, W. 33945
Melcher, J. Programmable precision IVD for the audio frequency range 6716
Melchioni, E. *see* Oberhardt, M.R. 39148
Melchior, E.-M. *see* Lesch, A. 37555
Melchior, H. *see* Brenner, T. 20373
Melchior, H. *see* Brenner, T. 35453
Melchior, H. *see* Brovelli, L.R. 20790
Melchior, H. *see* Dall'Ara, R. 35628
Melchior, H. *see* Hunziker, W. 28684
Melchner, M.J. *see* Gould, K.W. 21667
Melchner, M.J. *see* Snyder, J.H. 18747
Melcon, A.A. *see* Guglielmi, M. 21318
Melcon, A.Alvarex *see* Alvarex Melcon, A.
Meldau, J. *see* Knight, D.J.E. 6294
Meldolesi, U. *see* Passeri, A. 31869
Mele, G. Type 'ADM-1' and 'MPX-1' equipments [add-drop multiplexers] 22723
Melear, C. Embedded controllers—they're everywhere and doing more 26975
Melear, C. Control and servo applications using the MC68HC16 26977
Melekhin, V. High current instability of a microtron cathode 23974
Melen, R. *see* Coppo, P. 30172
Melen, R. *see* D'Ambrosio, M. 13863
Melen, R. *see* Girardi, G. 14252
Melen, R. *see* Girardi, G. 22659
Melendes, M.A. *see* Brown, J.J. 27203
Melendes, M.A. *see* Khare, R. 27749
Melendes, M.A. *see* Schramm, J.E. 27746
Melendez, J.L., Beck, J. The role of the insulator in determining 1/f noise in $Hg_{1-x}Cd_xTe$ integrating MIS devices 11208
Melendez, K.A. *see* Modestino, J.W. 29842
Melendez-Lira, M., Hernandez-Calderon, I., Niles, D.W., Hochst, H. Photoreflectance characterization of CdTe thin films grown by molecular beam epitaxy on GaAs(100) 41269
Melenk, H. Automatic symbolic solution of nonlinear equation systems in REDUCE 33540
Melese, P. *see* Cushman, P. 24012
Melese, P. *see* Hulbert, M. 7206
Meleshin, V.I. *see* Makarov, V.V. 40303
Meleshko, N.V. *see* Kurova, I.A. 42441
Melet, E. *see* Jung, P. 22957
Melgarejo, D.Rodriguez *see* Rodriguez Melgarejo, D.
Melhem, R.G. *see* Bidnurkar, M.M. 20487
Melhem, R.G. *see* Chiarulli, D.M. 28553
Melhem, R.G. *see* Chiarulli, D.M. 43579
Meli, F. *see* Hill, G.R. 6051
Meli, F. *see* Zuttel, A. 17190
Melia, L. *see* Train, D. 47824
Meligi, A.E., Maras, M.C. Advancements in nuclear plant maintenance programs 32605
Melikechi, N. *see* Gangopadhyay, S. 29017
Melikhov, S.V. *see* Titov, A.A. 1557
Meliksetyan, V.A. *see* Arutyunyan, V.M. 40393
Melin, G., Hitz, D., Barue, C., Bourg, F., Briand, P., Delaunay, M., Geller, R., Girard, A., Jacquot, B., Ludwig, P., Pontonnier, M. Electron cyclotron resonance sources of multicharged ions: state of the art, recent developments and prospects 15579
Melinger, J.S. *see* McMorrow, D. 34924
Melinon, P. *see* Roux, J.F. 33722
Meliopoulos, A.P.S., Cokkinides, G., Abdallah, H., Duong, S., Patel, S. A PC based ground impedance measurement instrument 25058
Meliopoulos, A.P.S., Glytsis, E.N., Cokkinides, G.J., Rabinowitz, M. Comparison of SS-GIC and MHD-EMP-GIC effects on power systems 47351
Meliopoulos, A.P.S., Zhang, F., Zelingher, S., Stillman, G., Cokkinides, G.J., Coffeen, L., Burnett, R., McBride, J. Transmission level instrument transformers and transient event recorders characterization for harmonic measurements 25062
Meliopoulos, A.P.S. *see* Beides, H. 24769
Melis, M. *see* Burrascano, P. 14542
Melissinos, A.C. *see* Bamber, C. 6885
Melissinos, A.C. *see* Donaldson, W.R. 7116
Melito, M. *see* Galluzzo, A. 1061
Melkebeek, J.A.A. *see* Coussens, P.J.M. 40181
Melkumian, L.G. *see* Mamidjanian, E.A. 15652
Mell, H. *see* Nickel, N.H. 9793
Mella, J.P. *see* Gahungu, F. 16423
Mellander, B.-E. *see* Zhu, B. 17263
Melle, S. *see* Othonos, A. 15066
Mellergaard, N., Staunstrup, J. Generating proof obligations for circuits 33824
Mellet, R. *see* Zahzouh, M. 9635
Melliar-Smith, P.M., Moser, L.E. Trans: a reliable broadcast protocol 22583
Melliar-Smith, P.M. *see* Amir, Y. 45355
Melliar-Smith, P.M. *see* Moser, L.E. 22537
Mellish, P.M., French, P.M.W., Taylor, J.R., Delfyett, P.J., Florez, L.T. All-solid-state femtosecond diode-pumped Cr:LiSAF laser 35718
Mellish, R. *see* French, P.M.W. 20680
Mellitt, B. *see* Allan, J. 8931
Mellitt, B. *see* Burdett, S. 8923
Mellitt, B. *see* Hill, R.J. 8915
Mellitt, B. *see* Kadhim, R. 17528
Mellitz, R. *see* Archambeault, B. 44459
Mello Koch, R.De *see* De Mello Koch, R.
Mello Peregrino, R.de *see* de Mello Peregrino, R.
Mello-Robinett, R. *see* Henley, F. 33329
Melloch, M.R., Woodall, J.M., Otsuka, N., Mahalingam, K., Chang, C.L., Nolte, D.D. GaAs, AlGaAs, and InGaAs epilayers containing As clusters: semimetal/semiconductor composites 19516
Melloch, M.R. *see* Carin, L. 4303
Melloch, M.R. *see* Chang, C.L. 34676
Melloch, M.R. *see* Dodd, P.E. 19796
Melloch, M.R. *see* Eugster, C.C. 19915
Melloch, M.R. *see* Harmon, E.S. 1855
Melloch, M.R. *see* Harmon, E.S. 19787
Melloch, M.R. *see* Mayer, T.S. 34505
Melloch, M.R. *see* Mayer, T.S. 35028
Melloch, M.R. *see* Sanders, J.W. 19474
Melloch, M.R. *see* Sheppard, S.T. 42843
Mellor, C.J., Taylor, R.P., Clark, R.G., Davies, A.G., Brown, S.A., Mitchell, E.E., Harris, J.J., Foxon, C.T. A patterned gate architecture for the study of high-quality AlGaAs/GaAs systems in the extreme quantum limit 42720
Mellor, G. Working 'live' at National Grid 16399
Mellor, J., Baggaley, J. A comparison of buffer insertion and token passing media access techniques for gigabit optical networks 5504
Mellor, J. *see* Mann, K. 5157
Mellor, P.H. An adjustable sinusoidal PWM sampling process for AC drives 17436
Mellor, P.H. *see* Allen, T. 17572
Mellor, P.H. *see* Liu, Z.J. 8278
Mellor, P.H. *see* Monkhouse, P.J. 17571
Mellor, P.H. *see* Schofield, N. 48283
Mellott, J.D. *see* Taylor, F.J. 21832
Melloy, B.J. *see* Jen-Ming Chen 45040
Mellul, S. *see* Potier, N. 34409
Melman, P. *see* Koteles, E.S. 2040
Melngailis, J. *see* Della Ratta, A.D. 27802
Melngailis, J. *see* Horwitz, C.M. 2132
Melngailis, J. *see* Reilly, M. 27988
Melngailis, J. *see* Ro, J.S. 41411
Melngailis, J. *see* Xin Xu 26509
Melnick, B.M., Scott, M.C., Paz de Araujo, C.A., McMillan, L.D., Mihara, T. Anomalous fatigue behavior in Zn doped PZT 35144
Melnick, B.M. *see* Scott, J.F. 43141
Mel'nickuk, I.M. *see* Bryanov, D.I. 1931
Mel'nik, I.S. Efficiency of coupling multimode fibers by means of a spherical lens 43440
Melnik, M.M. *see* Korepanov, V.E. 41703
Mel'nik, V.D. *see* Dyban, Ye.P. 1694
Melnik, V.P. *see* Klyui, N.I. 19442
Melnikov, A.A. *see* Ulyashin, A.G. 34503
Melnikov, L.A., Bauer, R.G. Dynamics of optical solitons in fiber with periodically modulated core diameter 20326
Mel'nikov, M.B. *see* Il'inskii, A.V. 42470
Melnikov, V.I. Schmitt trigger: a solvable model of stochastic resonance 10034
Melnychuk, S. *see* Debiak, T.W. 38834
Melnychuk, S. *see* Gammel, G. 46736
Melo, A.C.G., Pereira, M.V.F., Leite da Silva, A.M. A conditional probability approach to the

calculation of frequency and duration indices in composite reliability evaluation 24609
Melo, M.O.B.C. *see* Vaisman, R. 24939
Melody, B. The integrated services digital network (ISDN): economic and policy issues 30328
Melpolder, S.W. *see* Birnie, D.P., III 11815
Melsen, J.A. *see* Beenakker, C.W.J. 43365
Melteig, O. *see* Helvik, B.E. 14283
Melton, C. The effect of reflow process variables on the wettability of lead-free solders 283
Melton, H.E., Jr., Skorton, D.J. Real-time automatic boundary detection in echocardiography 7410
Melton, L.A. *see* Jingyi Zhang 36920
Melton, M., Brglez, F. Automatic pattern generation for diagnosis of wiring interconnect faults 1725
Meltz, G. *see* Ball, G.A. 20307
Meltz, G. *see* Hewlett, S.J. 35357
Melus, J.L. *see* Barba, A. 45813
Melville, D.L., Simmons, J.G., Thompson, D.A. Identification of volatile products in low pressure hydrocarbon electron cyclotron resonance reactive ion etching of InP and GaAs 27731
Melville, R. *see* Feldmann, P. 26595
Melville, R.C. *see* McQuain, W.D. 41573
Melville, S.W., Fraser, D.D. Meteor-burst communications: the state of the science 14560
Mely Chen Chi *see* Yuan-Hua Chu 19978
Melzer, D., Muller, F., Timmerman, K. Material properties and behaviour of electrical porcelain in the temperature range to −80°C 26523
Melzer, J.E., Moffitt, K.W. Color helmet display for the military cockpit 39225
Melzner, H. *see* Koerner, H. 19625
Memberg, W.D., Peckham, P.H., Thrope, G.B., Keith, M.W., Kicher, T.P. An analysis of the reliability of percutaneous intramuscular electrodes in upper extremity FNS applications 24351
Membrey, F., Fromm, M., El Rahamany, A., Chambaudet, A. Critical angle for light ions registered in a CR-39 SSNTD: variations with energy, etching conditions and etching time 38906
Memmert, U. *see* Donig, F. 27727
Men Jiang-Yong *see* Jiang-Yong Men
Mena, J.G. *see* Veiga, M. 13128
Mena, R.A. *see* Schacham, S.E. 2596
Mena, R.A. *see* Young, P.G. 19069
Menagh, F. *see* Dusa, M. 6781
Menajovsky, S. *see* Pennati, G.P. 16003
Menard, B. *see* Lewandowski, J. 13536
Mencaglia, A. *see* Brenci, M. 23665
Mencaglia, A. *see* Brenci, M. 46486
Mencaraglia, D., Djebbour, Z., Sib, J., Assal, S. Aging effects in a-Si:H pin solar cells investigated by below gap modulated photocurrent spectroscopy 40492
Mencaraglia, D. *see* Kleider, J.P. 34993
Mencaraglia, D. *see* Rolland, A. 19830
Mencaraglia, D. *see* Rolland, A. 28181
Menchaca-Rocha, A., Michaelian, K., Belmont-Moreno, E. A new look at luminescence and scintillation detection 15642
Menchaca-Rocha, A. *see* Belmont-Moreno, E. 7153
Mencik, M. *see* Glotin, F. 7019
Mendat, L. *see* Finzel, L. 5919
Mende, S.B., Clalfin, E.S., Rairden, R.L., Swenson, G.R. Hadamard spectroscopy with a two-dimensional detecting array 31267
Mendel, J.M. *see* Dogan, M.C. 4714
Mendel, J.M. *see* Dogan, M.C. 4724
Mendel, J.M. *see* Dogan, M.C. 21790
Mendel, J.M. *see* Dogan, M.C. 29711
Mendel, J.M. *see* Wang, L.-X. 4765
Mendelson, Y. *see* Bhandare, P. 38976
Mendelson, Y. *see* Muller, P. 31830
Mendelson, Y. *see* Stohr, E. 38977
Mendelson, Y. *see* Tamanaha, C. 38951
Mendes, E., Razek, A. Mathematical stability analysis of field oriented control in induction motor drives 40517
Mendes, M.T. *see* Barros, F.J. 17809
Mendez, A., Morse, T.F., Ramsey, K.A. Micromachined Fabry-Perot interferometer with corrugated silicon diaphragm for fiber optic sensing applications 6541
Mendez, A., Morse, T.F., Reinhart, L.J. Experimental results on embedded optical fiber sensors in concrete 23677
Mendez, A.J. *see* Myers, E.G. 31642
Mendez, E.E. *see* Ogawa, M. 12095
Mendez, E.E. *see* Ogawa, M. 43940
Mendez, E.E. *see* van Son, P.C. 42531
Mendez, E.R. *see* Aguilar, J.F. 411
Mendez, H. *see* Abbott, B. 7245
Mendez, N.R.M. *see* Lukishova, S.G. 44031
Mendez, W.E. *see* DeMarco, J.A. 8107
Mendez-Galain, R. *see* Malek, F. 38936
Mendia, J., Carrasco, R.A. New maximum likelihood phase recovery techniques for orthogonally multiplexed QAM systems with odd stacking of carrier frequencies 5737
Mendia, J., Carrasco, R.A. OQAM systems: digital techniques and synchronization 21508
Mendieta, F.J., Reynoso, A., Martinez, H., Martinez, M.A. Optoelectronic transceiver front-end for broadband microwave transmission via optical fibers 14667
Mendiola, J., Alemany, C., de Frutos, J. Improvement of lead titanate ceramic for infrared detectors 15005
Mendis, F.V.C. *see* Chew, Y.H. 45944
Mendis, S.R. *see* Bishop, M.T. 47611
Mendis, S.R. *see* Marz, M.B. 47923
Mendivil, J.R.Gonzalez de *see* Gonzalez de Mendivil, J.R.
Mendlovic, D., Konforti, N. Optical realization of the wavelet transform for two-dimensional objects 21918
Mendlovic, D., Zalevsky, Z., Garcia, J., Ferreira, C. Logarithmic harmonics proper expansion center and order for efficient projection invariant pattern recognition 45249
Mendlovic, D. *see* Lebreton, G. 13510
Mendlovic, D. *see* Lehmann, A.W. 13513
Mendlovic, D. *see* Moya, A. 4948
Mendonca, C.A., Silva, J.B.C. A stable truncated series approximation of the reduction-to-the-pole operator 13269
Mendoza, R.A.Carrillo *see* Carrillo Mendoza, R.A.
Mendrela, E.A. *see* Gierczak, E. 4025
Mendrela, E.A. *see* Worotynski, J. 47904
Mendrela, E.M. *see* Gierczak, E. 4025
Mene, C.Le *see* Le Mene, C.
Menegat, A. *see* Kroll, N.M. 15668
Menegat, A. *see* Ruth, R.D. 46776
Meneguzzo, A. *see* Gasparini, F. 7223
Menendez, M.L., Taneja, I.J., Pardo, J.A. A fuzzy probabilistic information system comparison criterion: applications and properties 4356
Menendez-Valdes, P. *see* Fernandez, E. 14566
Menetrey, A. *see* Campbell, M. 46972
Menez, J. *see* Ferrari, A. 13425
Menez, J. *see* Furlan, G. 13810
Menezes, A.J., Okamoto, T., Vanstone, S.A. Reducing elliptic curve logarithms to logarithms in a finite field 36455
Menezes, A.J., Vanstone, S.A. Elliptic curve cryptosystems and their implementation 12919
Menezes, C.O., Smith, E.D. A BiCMOS implementation of MOSIS fabricated circuit elements 18916
Menezes, L.R.A.X.de *see* de Menezes, L.R.A.X.
Menezes de Sequeira, M., Pereira, F. Knowledge-based videotelephone sequence segmentation 30344
Meng, A. *see* Katti, R.R. 43336
Meng, C.C., Fetterman, H.R., Streit, D.C., Block, T.R., Saito, Y. GaAs/AlGaAs multiquantum well structures applied to high frequency IMPATT devices 1504
Meng, F.C. Component-relevancy and characterization results in multistate systems 17969
Meng, H.-Y. *see* Hung, A.C. 5710
Meng, H.L., Prussin, S., Jones, K.S. Point defect detector studies of Ge^+ implanted silicon upon oxidation 10909
Meng, T.H., Tsern, E.K., Hung, A.C., Hemami, S.S., Gordon, B.M. Video compression for wireless communications 14489
Meng, T.H.-Y. *see* Beerel, P.A. 26885
Meng, T.H.Y. *see* Chaddha, N. 36840
Meng, W.J., Sell, J.A., Perry, T.A., Rehn, L.E., Baldo, P.M. Growth of aluminum nitride thin films on Si(111) and Si(001): Structural characteristics and development of intrinsic stresses 41326
Meng, X.J., Okamoto, N., Sugihara, O. Properties of a strongly-coupled nonlinear directional coupler with a lossy MQW coupling layer 3826
Meng, Y. *see* He, Z. 7240
Meng Bo *see* Chen Ting 25120
Meng Chee Yeow *see* Yeow Meng Chee
Meng Fanbao *see* Hui Zhongxi 43693
Meng Guang-Qing *see* Tang Gui-De 28365
Meng Guangyao *see* Liu Xingqin 15106
Meng Hwa Er *see* Boon Poh Ng 36414
Meng Jianbo, Zu Linzhang, Liang Depei, Liang Xichang Adaptive frequency measurement (AFM) for vortex flowmeter signal 6855
Meng Lin *see* Lin Meng
Meng Xiaofeng *see* Xiaofeng Meng
Meng Yao, Parker, K.J. Modified approach to the construction of a blue noise mask 30137
Meng Zhaoyong *see* Li Renjun 32462
Meng Zhiguo *see* Jiao Lihong 28645
Meng-Chyi Wu, Cheng-Ming Chiu, Yuan-Kuang Tu Growth and photoluminescence study of low concentration InP layers grown by liquid-phase epitaxy in the presence of erbium 9523
Meng-Chyi Wu *see* Jyh-Feng Lin 3358
Meng-Chyi Wu *see* Jyh-Feng Lin 43663
Meng-Chyi Wu *see* Ming-Jiunn Jou 9516
Meng-Hui Chen, Tzong-Kwei Chen, Yueh-Chang Chen, Jyh-Shin Pan, Yih-Shin Weng VLSI implementation of single chip JPEG codec 18838
Meng-Jen Chen Dynamic behaviour of a motor-generator system 8335
Meng-Jin Tsai *see* Ping-Wei Wang 42689
Meng-Lin Yu, Ackland, B.D. VLSI timing simulation with selective dynamic regionization 35093
Menga, P. *see* Buonarota, A. 48400
Menga, P. *see* Ceraolo, M. 48417
Menga, P. *see* Giglioli, R. 48308
Mengali, U. *see* D'Andrea, A.N. 4373
Mengel, M. *see* Freisleben, B. 29435
Mengel, S.A. *see* Andrews, D.L. 359
Menghnani, G.D. *see* Lodha, N.K. 8077
Menguc, M.P. *see* Godfrey, W.M. 42291
Mengue, S., Lopez, R., Cohen, B., Allam, L., Ablart, G. Experimental data on the dynamic behaviour of a metal capacitor with fractal structure 10529
Mengxia Xu *see* Xu Mengxia
Menhart, S., Hudgins, J.L., Portnoy, W.M. The low temperature gating characteristics of thyristors 2487
Menheere, W.M.M. *see* Kleinhesselink, K.F. 25573
Menichelli, M. *see* Bocciolini, M. 24082
Menichetti, E. *see* Lacquaniti, V. 7187
Menicocci, R. Cryptanalysis of a two-stage Gollmann cascade generator 44743
Menicocci, R. *see* Bucci, M. 44651
Meniconi, M., Barry, D.M. Stepped dose effects on total dose damage to UMC6116 CMOS SRAM devices 11314
Menigaux, L. *see* Bruno, A. 11884
Menigaux, L. *see* Ghirardi, F. 20371
Menil, F. *see* Dutronc, P. 6641
Menil, F. *see* Dutronc, P. 6656
Menil, F. *see* Gouverneur, S. 19254
Menis, R. *see* Giadrossi, G. 8804
Menke, K. Well packed. AC variable-speed drives for packing machines 40506
Menlove, H.O. *see* Verrecchia, G.P.D. 38873
Menna, A. *see* Rajendran, S. 41396
Menna, R. *see* Carlson, N.W. 20825
Menna, R.J. *see* Cooper, D.E. 24220
Menna, R.J. *see* Martinelli, R.U. 35839
Menningen, K.L. *see* Childs, M.A. 41455
Menninger, W.L. *see* Alberti, S. 3405
Menninger, W.L. *see* Rullier, J.L. 43694
Menniti, D. *see* Testa, A. 32410
Menolascino, R. *see* Del Re, E. 22863
Menolascino, R. *see* Del Re, E. 37159
Menon, M.M. An efficient MRF image-restoration technique using deterministic scale-based optimization 5114
Menon, P.R. *see* Song, O.Y. 18628
Menon, P.R. *see* Song, O.Y. 18629
Menon, R., Jenson, L., Buddhavarapu, J. Comparison of signal extraction techniques in LDV signal processing 4653
Menon, S. *see* Jouppi, N.P. 26965
Menon, S. *see* Jouppi, N.P. 27001
Menon, S. *see* Tipper, D. 37499
Menon, S.M., Jayasumana, A.P., Malaiya, Y.K., Clinkinbeard, D.R. Modelling and analysis of bridging faults in emitter-coupled logic (ECL) circuits 10072
Menon, S.M., Malaiya, Y.K., Jayasumana, A.P. Modeling of faulty behavior of ECL storage elements 10156
Menon, S.M., Malaiya, Y.K., Jayasumana, A.P., Tong, C.Q. The effect of built-in current sensors (BICS) on operational and test performance [CMOS ICs] 43110
Menoni, C.S. *see* Prasad, M. 42488
Menown, H. *see* Judd, D.A. 7284
Menozzi, L. *see* Gargiuli, R. 7845
Menozzi, R. *see* De Munari, I. 11310
Menozzi, R. *see* Tutt, M.N. 1542
Menq, C.H. *see* Lim, C.P. 38395
Mens, A., Benattar, R., Bocher, J.L., Koenig, J.M., Le Breton, J.P., Mazataud, D., Salieres, P., Schirmann, D. X-UV imaging with backside illuminated CCDs in laser-matter interaction experiments 6596
Menschig, A. *see* Bergmann, R. 27552
Menschig, A. *see* Griesinger, U.A. 27923
Menschig, A. *see* Kaden, C. 34856
Mensching, L., Stegemann, D. Evaluation of eddy current signals by neural networks. Classification of Fourier transformed signals 18375
Menshikov, M.V. *see* Fayolle, G. 13873
Men'shov, A.A. *see* Feschenko, A.V. 7092
Mentel, J. *see* Reich, N. 28690
Mentzer, R. *see* Fluker, J. 26818
Menuet, J.P. The autotransformer and other equipment [for railway power supply] 17579
Menyennett, C., Ferreira, H.C. The synthesis of a new DC-free code with asymmetrical runlength constraints developed with the ACH-algorithm 12941
Menyuk, C.R. *see* Chen, C.-J. 28795
Menyuk, C.R. *see* Duling, I.N., III 44020
Menyuk, C.R. *see* Henesian, M.A. 35943
Menyuk, C.R. *see* Liu Zheng 43931
Menyuk, C.R. *see* Wang, Q. 20448
Menz, W. *see* Bley, P. 15325
Menzel, H.G. *see* Pihet, P. 47142
Menzel, K. *see* Kaatze, U. 24551
Menzel, R. *see* Eichler, H.J. 3566
Menzel, R. *see* Eichler, H.J. 3748
Menzel, W. A new interpretation of the spectral domain immittance matrix approach 3965
Menzel, W., Alessandri, F., Mongiardo, M., Sorrentino, R., Eswarappa, C., So, P.P.M., Hoeffer, W.J.R. Analysis of a millimeter-wave filter using transmission line matrix and mode matching methods and comparison with the measurements 44519

Menzel, W., Hogelsack, F. Folded stubs for compact suspended stripline circuits 1410
Menzel, W., Machac, J. Waveguide bandpass filters with attenuation of higher-order passbands 27153
Menzel, W. *see* Machac, J. 27156
Menzi, U., Moschytz, G.S. Adaptive switched-capacitor filters based on the LMS algorithm 34154
Menzies, R.T., Killinger, D.K. IR lasers tune in to the environment 44186
Menzies, R.T. *see* Haner, D.A. 23213
Menzione, A. *see* Amidei, D. 46890
Menzione, A. *see* Tkaczyk, S. 46989
Meo, A.R. *see* Macii, E. 10082
Meo, A.R. *see* Macii, E. 26840
Meo, A.R. *see* Macii, E. 26841
Meo, A.R. *see* Macii, E. 41780
Meo, G. Use of a parallel associative memory and a training algorithm for visual recognition of multiple objects laying on a uniform background 13740
Meo, J.Di *see* Di Meo, J.
Meo, S., Scarano, M. A new formulation of the mathematical model for nontraditional electrical machines by means of window functions 40111
Meo, S. *see* Marino, P. 8954
Meot, F. Generalization of the Zgoubi method for ray-tracing to include electric fields 36119
Merabet, H. *see* Malek, F. 38936
Merakos, L.F., Li, F. Integrating data traffic in Enhanced-TDMA digital cellular systems 45828
Merakos, L.F. *see* Reiss, L.K. 5593
Merakos, L.F. *see* Reiss, L.K. 14263
Merakos, L.F. *see* Xie, H. 22520
Merani, L. *see* Lu, S.-L. 18686
Merani, M.L. *see* Caini, C. 45870
Merat, F. *see* Delvalle, R.B. 31097
Merat, F.L. *see* Villalobos, L. 29768
Mercader, L., Benarroch, A. Rainfall rates distributions in Spain and suggestions about the CCIR method to calculate rain attenuation 21264
Mercado, R. Modern day quasi-random vibration 17810
Mercandalli, M. *see* Mage, J.C. 27137
Mercankosk, G., Budrikis, Z.L., Cantoni, A. Extended distributed queueing for integrated services 22514
Mercankosk, G., Cantoni, A. Characterization of a CBR connection over a channel with known bounded delay variation 5167
Mercer, D.R. *see* Darveniza, M. 25039
Mercer, I.P., Chang, Z., Danson, C.N., Edwards, C.B., Hutchinson, M.H.R., Miller, M.R.G. Diode-pumped picosecond Nd:YLF laser oscillator at 1053 nm 43780
Mercer, I.P. *see* Danson, C.N. 3569
Mercer, J.A. *see* Cornuelle, B.D. 7624
Mercer, M.R. *see* Brashear, R.B. 26597
Mercer, M.R. *see* Kapur, R. 1196
Mercer, R.L. *see* Bahl, L.R. 44761
Merchant, D.C. GPS controlled aerial photogrammetry 39365
Merchant, R. *see* Mohammed, O.A. 42107
Merchant, R. *see* Park, D. 16263
Merchant, R. *see* Park, D. 16267
Merchant, R.S. *see* Mohammed, O.A. 44258
Mercier, E., Rosset, C., Reber, H. Phase conductor of an overhead line with optical fibers 24990
Mercier, M. *see* Laurent, A. 17105
Mercier, T. *see* Mottet, S. 35491
Merck, W.F.H. *see* Bityurin, V.A. 25772
Merckle, J. *see* Maillard, E. 21993
Merckle, J. *see* Marsden, G.C. 20473
Mercurio, J. *see* Nilsson, N.E. 47863
Merdy, B.Le *see* Le Merdy, B.
Meredith, G.A. *see* Wirsz, E. 5519
Meredith, L.M. *see* Nelson, K.L. 39271
Meredith, P. *see* Walker, A.C. 11744
Meredov, M.M. *see* Kovalevskaya, G.G. 34607
Merenda, J.L., Pierro, J., Weiner, S.M., Fenniman, C. 3 to 5 GHz compact microwave delay line 1460
Mereutza, A. *see* Chand, N. 43820
Mergl, K.A. An intelligent tool for generating switching sequences at basic network substations 32982
Merhav, N. Universal decoding for memoryless Gaussian channels with a deterministic interference 21614
Merhav, N. On the minimum description length principle for sources with piecewise constant parameters 44681
Merhav, N., Feder, M. Universal schemes for sequential decision from individual data sequences 21466
Merhav, N. *see* Feder, M. 44720
Merhav, N. *see* Ziv, J. 21465
Meribout, M., Hou, K.M. A real time reprogrammable low level image processing: edge detection and edge tracking accelerator 36827
Mericka, J. Higher time harmonics in the rotor circuit and their consequences 32870
Merino, A. *see* Cerezo, L. 47654
Merino, J. *see* Moreno, L. 47097
Meriwether, H.D. *see* Wong, G.S. 24455
Merkel, G., Litz, M., Roberts, H., Smith, M., Still, G.W., Miller, R.B., McCullough, W.F. Behavior of relativistic electron beam in a gas-filled drift tube as a function of gas pressure 34490
Merkel, G. *see* Miller, R.B. 34489
Merkelbach, P. *see* van Amstel, W.D. 46614
Merkelo, H. *see* Grabbe, D.G. 10586
Merkle, L.D. *see* Gunsch, G.H. 24576
Merkley, D.R. *see* Weber, J.K.R. 39426
Merkt, U. *see* Bock, A. 20212
Merkt, U. *see* Chrestin, A. 35268
Merkt, U. *see* Scharnweber, R. 34640
Merkt, U. *see* Schilling, M. 737
Merkulov, A.V. *see* Ber, B.Ya. 42635
Merkusheva, G.V. *see* Kabanova, M.V. 34304
Merle, K. *see* Geiges, R. 42025
Merli, A. Optimization of logical modules burn-in process 41794
Merli, G. Flexible organisation 198
Merlin, G. *see* Mourard, D. 46313
Merlin, J. *see* Li Junchang 28955
Merlo, F. *see* Lacquaniti, L.G. 7428
Merlo, V. *see* Cirillo, M. 35274
Mermagen, T.J. *see* Saddow, S.E. 28627
Mermelstein, P. Wireless multimedia communication 37227
Mermelstein, P. *see* Boulianne, G. 29561
Mernyei, F., Matsuura, H. A new broadside-offset coupler using CPW and microstrip lines 27157
Mernyei, F. *see* Berceli, T. 14652
Merola, F. *see* Couprie, M.E. 43983
Merour, J.M. Space born MMIC: from existing payloads improvements to future systems feasibility 27313
Merrell, T.D. *see* Caldwell, S.P. 23171
Merrell, T.D. *see* Driscoll, M.M. 18920
Merrem, H. *see* Ficner, S. 11087
Merrett, R.P., Warburton, R., Rolls, A.M. Wireless access based on CT-2 radio system 14085
Merri, M., Alberti, M., Moss, A.J. Dynamic analysis of ventricular repolarization duration from 24-hour Holter recordings 31957
Merri, M. *see* Badilini, F. 15885
Merrick, T. *see* Amidei, D. 46890
Merrill, A. *see* Reed, M. 8180
Merrill, H.M. Interutility electricity pricing 32327
Merrill, H.M. *see* Crousillat, E.O. 24849
Merrill, N.H., Sidney, J.K., Walls, S.I. Special instruments for safety and plant control on THORP 31095
Merrill, R. *see* Gadepally, K. 34802
Merrill, S.C., Packer, M.J. A simplified approach for modeling a log-periodic dipole antenna 44581
Merrill, T.C. *see* Shine, R.J., Jr. 20714
Merrill, W. *see* Duyar, A. 32049
Merrington, G.L. *see* Eustace, R.W. 47778
Merritt, B. *see* Bonifield, T. 34658
Merritt, F.S. *see* Auchincloss, P.S. 46953
Merritt, F.S. *see* Kinnel, T.S. 38880
Merritt, J.O. *see* Ikehara, C. 23817
Merritt, J.O. *see* Ikehara, C. 23820
Merritt, J.O. *see* Touris, T.C. 6708
Merritt, K.W.B. *see* Auchincloss, P.S. 46953
Merritt, K.W.B. *see* Kinnel, T.S. 38880
Merritt, M. *see* Bellovin, S.M. 44723
Merritt, S.A., Dagenais, M. Etch characteristics of succinic acid/ammonia/hydrogen peroxide versus aluminum mole fraction in AlGaAs 2152
Merron, J. Disturbance recorders applied to distribution feeders 16480
Merron, J., McCleery, J.M. Prospects for expert systems in fault recorders [for power systems] 16487
Merry, G.W. *see* Putt, R.A. 17164
Merson, J.L., Rybarcyk, L.J. Wider availability of PARMILA and recent improvements to PARMILA 46765
Mertel, H.K. Military EMC standardization 44419
Mertens, A. *see* Skudelny, H.-C. 8601
Mertens, C.J., Kennedy, T.A.B., Swain, S. Many-body quantum theory of the optical parameteric oscillator 3818
Mertens, H.W. *see* Horsthuis, W.H.G. 43506
Mertens, J.D., Bhend, W.L. Digital coincidence detection: a scanning VLSI implementation 38995
Mertens, P.W., Maes, H.E. Stress in thin microzone-molten crystalline silicon films on solid substrates 784
Mertens, P.W. *see* Heyns, M.M. 34701
Mertens, P.W. *see* Verhaverbeke, S. 34717
Mertens, R. *see* Demesmaeker, E. 8748
Mertens, R. *see* Elgamel, H.E. 17381
Mertens, R. *see* Jain, S.C. 34548
Mertens, R.P. *see* Poortmans, J. 10681
Mertens, V. *see* Bailey, R. 7041
Mertes, J.Y. *see* Desneux, P. 30059
Mertes, J.Y. *see* Macq, B. 36813
Mertes, J.Y. *see* Macq, B. 45254
Mertesdorf, C. *see* Nalamasu, O. 11060
Mertin, W., Leyk, A., Taenzler, F., Novak, T., David, G., Jager, D., Kubalek, E. Characterization of a MMIC by direct and indirect electro-optic sampling and by network analyzer measurements 42237
Mertin, W., Roths, C., Taenzler, F., Kubalek, E. Probe tip invasiveness at indirect electro-optic sampling of MMIC 1650
Mertin, W. *see* David, G. 27266
Mertin, W. *see* David, G. 42238
Mertin, W. *see* Taenzler, F. 42236
Mertins, A., Fliege, N. Computationally efficient multiple parameter estimation of composite signals in noise with periodic components 13250
Mertins, V., Fischer, R., Joseph, G., Zywietz, C., Malossi, C., Wack, K. Implementation of the SCP-ECG protocol into stand-alone electrocardiographs 15860
Mertoguno, J.S. *see* Bourbakis, N.G. 4910
Mertol, A. Effect of heat slug and die attach material properties on plastic pin grid array (PPGA) package stress 17902
Mertol, A. Optimization of extruded type external heat sink for multichip module 26189
Mertz, M. *see* Jopp, K. 8230
Mertzios, B.G. Shape discrimination and classification in robotic vision using scaled normalized central moments 22070
Mertzios, B.G. *see* Alshebeili, S.A. 13253
Mervart, L., Beutler, G., Rothacher, M., Wild, U. Ambiguity resolution strategies using the results of the International GPS Geodynamics Service (IGS) 39350
Mervis, J. *see* Constable, A. 12312
Merwe, F.S.van der *see* van der Merwe, F.S.
Merwe, H.van der *see* van der Merwe, H.
Merwe, W.J.van der *see* van der Merwe, W.J.
Merz, J.L. *see* Floyd, P.D. 43880
Merz, J.L. *see* Law, K.-K. 3145
Merz, J.L. *see* Schramm, J.E. 2125
Merz, J.L. *see* Schramm, J.E. 27746
Merz, J.L. *see* Yokogawa, T. 42473
Merz, J.L. *see* Zou, W.-X. 12203
Merz, K.-D. System solution with dryfit technology 48251
Merz, M., Lamersdorf, W. Cooperation support for an open service market 37347
Merzlutin, E.J. *see* Mirzoeva, L.A. 32160
Merzlutin, E.J. *see* Mirzoeva, L.A. 32161
Merzouki, A. *see* Bottreau, A.M. 23851
Mesa, F., Marques, R., Horno, M. Complete modal spectrum of nonreciprocal multilayered microstrip lines 12704
Mesa, F. *see* Marques, R. 29247
Mesa, F.L. *see* Marques, R. 21339
Mesa, V.N. *see* Tsai, M.-S. 24847
Mesarwi, A. *see* Wu, N.J. 33747
Meschede, H. *see* Kraus, J. 2594
Mescheryakov, B.I., Sokolov, V.V. The features of the design of satellite communications systems with spacecraft in circular orbits 37954
Mescheryakov, V.I., Sokolov, V.V., Piltsov, V.A., Zakharova, V.I. Methods for the repeated use of frequencies in low-orbit satellite communications systems 37956
Mescia, N. *see* Chung, K. 34421
Mese, N. *see* Miura, N. 12012
Mesenzhnik, Ya.Z., Rydlovskii, V.P., Ushakov, V.V. Flexural strength of sealed maritime cable 40600
Meserschmitt, D.G. *see* Lao, A. 22313
Mesh, M., Shlifer, A., Tur, M. Observation of self-oscillating transmittance in germanosilicate optical fibres following long exposures at 514nm 28958
Meshchanin, A.P. *see* Grachev, A.O. 15595
Meshchanov, V.P., Medoks, T.M., Shikova, L.V. Synthesis of phase shifters based on tandem connection of coupled-line segments 10371
Meshchanov, V.P., Shikova, L.V. Symmetrical connections of directional fourports and equivalent twoports 10399
Meshcherov, B.R. *see* Dan'ko, S.A. 15424
Meshcheryakov, A.V. *see* Kravtsov, I.A. 10433
Meshcheryakov, A.V. *see* Kravtsov, I.A. 19026
Meshkat, S. Fundamentals of digitally controlled motion systems 32876
Meshkat, S. Parallel DSPs excel in CAM and gearing applications 40106
Meshkat, S., Tessarolo, A. Sensorless brushless DC motor control using DSPs and Kalman filtering 8432
Meshkat, S., Wysor, W. Next generation of control. I. DSPs in open system architecture 8472
Meshkov, I. Electron beam processing of metals 17632
Meskida Kusters, A. *see* Averin, S.V. 46424
Meskida-Kusters, A. *see* Averin, S.V. 43629
Meslener, G.J. Mode-partition noise in microwave subcarrier transmission systems 38068
Meslier, F. Development of the network to satisfy exchanges [international power system interconnection] 16188
Mesquida, A. *see* Shi Changxin 31213
Mesquida, G., Pestie, J.-P., Papuchon, M., Scavennec, A. Optoelectronic devices: a few recent developments 20575
Messager, P., Marty, A. An expert system for decision aided maintenance or renewal on distribution networks 32396
Messaoud, A.Yahia *see* Yahia Messaoud, A.
Messaris, G. *see* Kolitsi, Z. 24180
Messenger, S.R. *see* Shaw, G.J. 3330
Messenger, S.R. *see* Summers, G.P. 34884

Messer, D. Worldwide survey of direct-to-listener digital audio delivery systems development since WARC-92 38209
Messer, H., Bar-Ness, Y. Bootstrapped spatial separation of wideband superimposed signals 13438
Messer, H. *see* Schultheiss, P.M. 13211
Messerle, H.K., Xu, Y., Fang, Y., Simpson, S.W., Marty, S.M. Analysis and comparison of the inflow and outflow coal-fired MHD disk generator 25790
Messerle, H.K. *see* Simpson, S.W. 25305
Messerle, V.E. *see* Zhukov, M.F. 25188
Messerschmitt, D.G. *see* Kahn, J.M. 23082
Messi, R. *see* Antonelli, A. 24054
Messi, R. *see* Perrone, A.L. 24066
Messier, J., Kajzar, F., Sentein, C., Barzoukas, M., Zyss, J., Blanchard-Desce, M., Lehn, J.M. Chainlength dependence of the quadratic and cubic nonlinear optical susceptibilities of asymmetric push-pull polyenes 12356
Messina, G., Paoletti, A., Santangelo, S., Tucciarone, A. Electron scattering of low-Z high-density materials in X-ray mask patterning 11100
Messina, G., Paoletti, A., Santangelo, S., Tucciarone, A. Experimental test of high-resolution process modelling in electron beam lithography at 25 to 50 keV 27807
Messina, G., Paoletti, A., Santangelo, S., Tucciarone, A. Tungsten/carbon masks in X-ray projection lithography 28052
Messina, G., Picardi, L., Ronsivalle, C., Vignati, A., Tropiano, G., Stoppini, G., Finazzi Agro, G., Gabellieri, R. On the use of a 5 MeV electron linac for electron beam tests processing 15332
Messina, G. *see* Ronsivalle, C. 15380
Messing, L. *see* Lindahl, S. 25026
Messing, T., Spellman, P., Balfour, R. Effects on performance of mercury reduction in zinc manganese dioxide cells 17191
Messmer, J.R. Plant improvements through the use of benchmarking analysis 32670
Messner, G. Prognosis for MCM-L 9275
Messner, J. *see* Slemmons, W. 9267
Mesters, S. *see* Hollander, B. 27658
Mesters, S. *see* Mantl, S. 18146
Mesters, S. *see* Muller, O. 19411
Mestha, L.K., Kwan, C.M., Mangino, J., Yeung, K.S. A time domain control algorithm for global RF feedback loops 7084
Mestha, L.K., Kwan, C.M., Webber, R.C. A general control model for designing beam control feedback loops 7093
Mestiashvili, K.V. *see* Svanidze, R.G. 23050
Mestl, H. *see* Johansen, T.H. 43318
Mestres, N. *see* Oshinowo, J. 10809
Mestrovic, K. *see* Milisa, A. 17116
Mesyats, G.A., Mesyats, V.G. The vacuum discharge in high power pulsed microwave resonators 27416
Mesyats, G.A. *see* Kotov, Yu.A. 25520
Mesyats, G.A. *see* Yalandin, M.I. 27431
Mesyats, V.G. *see* Mesyats, G.A. 27416
Meszaros, S., Vad, K. Some problems with HTSC in low-frequency electric and magnetic measurements 23527
Meszaros, S. *see* Drolet, D. 27299
Metaal, E.G. *see* Pedersen, J.W. 35474
Metaal, E.G. *see* van der Tol, J.J.G.M. 43499
Metaal, E.G. *see* van der Tol, J.J.G.M. 43504
Metafas, D.E. *see* Bisdounis, L. 18758
Metafas, D.E. *see* Economou, G.-P. 18412
Metallinos, S.N., Reisis, D.I., Stassinopoulos, G.I. An array based network analyzer for broadband ISDN 23491
Metaweh, M.A. *see* Rashed, A.M.H. 16290
Metcalf, W. *see* Bernstein, A. 31661
Metcalf, W. *see* Wang, M.-Z. 31689
Metcalfe, I.S. *see* Middleton, P.H. 17365
Metcalfe, J. Design kits to accelerate MCM usage 295
Metcalfe, P. *see* Kron, T. 47137
Meth, J. *see* Lawrence, B.L. 44056
Meth, J. *see* Torruellas, W. 44107
Methot, F., Mokhtari, M., Laurendeau, D., Poussart, D. Sensor fusion of 2-D and 3-D data for the processing of images of dental imprints 7323
Methot, J.-F., Poussart, D., Bergevin, R. Fusion of registered 2D intensity and 3D range data on an SIMD machine 22239
Metin, D. *see* Lantz, E. 44051
Metlay, L.A. *see* Hinkelman, L.M. 31895
Metlay, M.P., Saladin, J.X., Lee, I.Y., Dietzsch, O. The ICEBall: a multiple element array for in-beam internal conversion electron spectroscopy 7294
Metra, C., Favalli, M., Olivo, P., Ricco, B. CMOS checkers with testable bridging and transistor stuck-on faults 11312
Metra, P., Ashworth, S., Slaughter, R.J., Hughes, E.M. Preliminary analysis of performance and cost of high temperature superconducting power transmission cables 16382
Metra, P. *see* Gazzana Priaroggia, P. 7966
Metra, P. *see* Von Dollen, D. 32437
Metreveli, G.E. *see* Arlantsev, S.V. 43738
Metreveli, G.E. *see* Bakaev, V.G. 43733
Metreveli, G.E. *see* Basov, N.G. 28739
Metreveli, G.E. *see* Basov, N.G. 43734
Metrikin, A.A. A waveguide channel for a 2-GHz band radio-relay link with a small number of channels 14426
Metrikin, A.A., Malin, V.V. The radio-relay channel for a 7.9-8.4 GHz radio-relay link 30616
Metselaar, J.W. *see* Tao, G. 33055
Metselaar, J.W. *see* Tao, G. 33062
Mettlach, H. *see* Greiner, T. 24209
Mettner, M. *see* Trah, H.-P. 25621
Metz, M. *see* Fezzani, D. 8584
Metz, M. *see* Foch, H. 32908
Metz, M. *see* Nuns, J. 8995
Metz, S., Isle, B., Denno, S., Odom, J. Thermostats for individuals with movement disabilities: design options and manipulation strategies 15927
Metzdorf, J. Network and traceability of the radiometric and photometric standards at the PTB 23917
Metze, G. *see* Tseng, W.F. 713
Metzger, D. *see* Padamsee, H. 6995
Metzger, E. *see* Diel, W. 8669
Metzger, R., Richardson, R., Van Riper, K.A. A Monte Carlo model for retrospective analysis of shield design in a diagnostic X-ray room 7502
Metzger, R. *see* Zakharov, N.D. 768
Metzger, R.A., Brown, A.S., Wilson, R.G., Liu, T., Stanchina, W.E., Nguyen, L.D., Schmitz, A.E., McCray, L.G., Henige, J.A. The use of low temperature AlInAs and GaInAs lattice matched to InP in the fabrication of HBTs and HEMTs 2470
Metzger, R.A., Hafizi, M., Stanchina, W.E., Liu, T., Wilson, R.G., McCray, L.G. Confinement of high Be doping levels in AlInAs/GaInAs *npn* heterojunction bipolar transistors by low temperature molecular-beam epitaxial growth 2458
Metzger, R.A. *see* Hafizi, M. 34917
Metzger, R.A. *see* Stanchina, W.E. 19799
Metzner, D., Schroder, D. A physical GTO model for circuit-simulation 2502
Metzner, D., Vogler, T., Schroder, D. A modular concept for the circuit simulation of bipolar power semiconductors 2403
Metzner, J.J. *see* Chung, J. 37088
Metzner, N. *see* Cygan, D. 45847
Metzner, N. *see* Eul, H.J. 22909
Meucci, M. *see* Atutov, S.N. 43890
Meucci, R., Ciofini, M., Lapucci, A., Burlamacchi, P. Cooling effects induced by stimulated emission in the discharge of CO_2 lasers 28693
Meucci, R. *see* Arecchi, F.T. 43723
Meucci, R. *see* de Natale, P. *(editor)* 26022
Meulders, J.P. *see* Slypen, I. 31673
Meulen, E.C.van der *see* van der Meulen, E.C.
Meulen, P.F.H.M.van der *see* van der Meulen, P.F.H.M.
Meunchausen, R. *see* Droes, S.R. 27688
Meunier, C. *see* Marchal, A. 13032
Meunier, G. *see* Benbouzid, M.E.H. 43271
Meunier, J. *see* Gallant, J.-F. 24243
Meunier, M. *see* Izquierdo, R. 42787
Meunier, M. *see* Tabbal, M. 42785
Meur, J.P.Le *see* Le Meur, J.P.
Meurer, B., Vieren, J.P., Guldner, Y., Ploog, K. Quantum dots as a tunable microwave quantum detector 14957
Meurer, M.R. Assembly of custom battery packs 33002
Meuris, B. *see* Vande Keere, V. 5618
Meuris, M. *see* Heyns, M.M. 34701
Meuris, M. *see* Verhaverbeke, S. 34717
Meuser, T. *see* Heinrichs, B. 14182
Meuser, T. *see* Heinrichs, B. 30467
Meuth, H. *see* Schnase, A. 15487
Mewes, H., Luiken ter Haseborg, J., Wolf, F. Direction finding of disturbing electromagnetic field sources 36285
Mexner, W., Heinemann, K. An improved method for relaxation measurements using a Faraday balance 15178
Meyder, R., Bonisch, G., Hailfinger, G. MAGS: a computer code system to analyze the 3D quench propagation in forced flow cooled superconducting magnet systems 28420
Meyer, A.S. *see* Pagel, A. 47888
Meyer, A.S. *see* Parsley, G.M.J. 8442
Meyer, B.-U. *see* Machetanz, J. 24143
Meyer, B.-U. *see* Schmid, M. 47032
Meyer, B.K. *see* Emanuelsson, P. 42462
Meyer, B.R. *see* Simpson, B.R.S. 38852
Meyer, C. *see* Emmerichs, U. 21015
Meyer, C. *see* Lucovsky, G. 27601
Meyer, C. *see* Noiret, N. 29032
Meyer, C. *see* Yasuda, T. 34618
Meyer, C.A. *see* Eichenberger, S. 38928
Meyer, D. On the delivery of visualizations for teaching engineering design using the laser videodisc medium 134
Meyer, D.G. *see* Wailes, T.S. 30394
Meyer, E. *see* Dammer, U. 28348
Meyer, E. *see* Ludwig, M.H. 1926
Meyer, F. *see* Bosseboeuf, A. 19548
Meyer, F.J. *see* Sharma, D.D. 34061
Meyer, F.J.C., Davidson, D.B. Application of the 2D finite-element/boundary-element method to scattering from coated aerofoils 36149
Meyer, H. *see* Nichols, R.J. 27365
Meyer, H. *see* Suzuki, H. 28659
Meyer, H.J. *see* Gale, A.A. 6578
Meyer, H.O. *see* Ross, M.A. 31615
Meyer, J. Implications of draft new ITU-T Recommendation G.826 on digital radio-relay systems 14407
Meyer, J. *see* Brennecke, R. 24380
Meyer, J. *see* Fritsch, J.P. 24204
Meyer, J.B. *see* Hoffman, C.A. 10683
Meyer, J.C. *see* Heydemann, M.C. 33490
Meyer, J.E. *see* Burke, S.E. 14931
Meyer, J.R. *see* Eddy, C.R., Jr. 10920
Meyer, J.R. *see* Hoffman, C.A. 42516
Meyer, K.M.De *see* De Meyer, K.M.
Meyer, K.R. *see* Profet, K.J. 45466
Meyer, L.R. *see* Georges, T.M. 7607
Meyer, M., Pfeiffer, G. Multilayer perceptron based decision feedback equalisers for channels with intersymbol interference 22764
Meyer, M., Sonnenmoser, A. A hysteresis current control for parallel connected line-side converters of an inverter locomotive 8949
Meyer, M.D., Agrawal, D.P. A high sampling rate delayed LMS filter architecture 27077
Meyer, M.E., Gokhale, D.V. Kullback-Leibler information measure for studying convergence rates of densities and distributions 21476
Meyer, P., van der Walt, P.W. Design equations for narrow-band E-plane waveguide filters 27040
Meyer, P. *see* Dobler, S. 37623
Meyer, P. *see* Itten, K.I. 24522
Meyer, R. *see* Davis, L. 33083
Meyer, R. *see* Marso, M. 2424
Meyer, R. *see* Nakhamkin, M. 33082
Meyer, R.G. *see* Hull, C.D. 33935
Meyer, S. The argument for leaving the Verilog language unchanged 976
Meyer, S. The one million gate ASIC challenge: not with behavioral modeling and synthesis 33846
Meyer, S., Guena, J., Leost, J.C., Penard, E., Goloubkoff, M. A new concept of LANs: passive microwave links hooked onto a fiber optic backbone 5453
Meyer, S. *see* Converse, S.A. 39741
Meyer, S. *see* Hettak, K. 27144
Meyer, S.A. *see* Small, B.A. 17928
Meyer, S.S. *see* Page, L.A. 38196
Meyer, T. *see* Angelini, F. 46951
Meyer, T.A. *see* Kaushansky, M.M. 39806
Meyer, T.C. *see* Capeans, M. 24060
Meyer, W. *see* Dutz, H. 31657
Meyer, W. *see* Reichertz, L.A. 31658
Meyer, W. *see* Vierhaus, H.T. 2656
Meyer, W.E. *see* Auret, F.D. 1941
Meyer, W.E. *see* Goodman, S.A. 27484
Meyer, W.E. *see* Goodman, S.A. 34600
Meyer, W.T. *see* Crawley, H.B. 24091
Meyer, W.T. *see* Crawley, H.B. 46297
Meyer-Ebrecht, D. Picture archiving and communication systems (PACS) for medical application 47149
Meyere, A.De *see* De Meyere, A.
Meyerhofer, D., Gilmartin, H.R. Extending response of Schottky barrier IR detectors to longer wavelengths 23598
Meyerhofer, D.D. *see* Cao, X.D. 43383
Meyerhofer, D.D. *see* Peatross, J. 12399
Meyerowitz, G.J., Marock, M.L. A highly efficient real time implementation of Nyquist impulse response and step response filtering 10338
Meyers, E.A. *see* Estrada, C.A. 41395
Meyers, E.A. *see* Nair, M.T.S. 9674
Meyers, S., Goldman, N., Martin, N., Friedman, R. Prospects for the power sector in nine developing countries 16156
Meyers, S. *see* Sathaye, J. 48466
Meyerson, B. *see* Crabbe, E. 19072
Meyerson, B.S. Silicon and silicon:germanium alloy growth; means and applications 9690
Meyerson, B.S. Ultrahigh-vacuum CVD process makes SiGe devices 33738
Meyerson, B.S. High-speed silicon-germanium electronics 43086
Meyerson, B.S. *see* Arienzo, M. 11161
Meyerson, B.S. *see* Jackson, T.N. 19868
Meyerson, B.S. *see* Verdonckt-Vandebroek, S. 35007
Meylemans, P., Cloetens, L., Adriaensen, K., Sallaerts, D. A broadband ISDN line termination chip set for 1.2 Gb/s 30585
Meyler, B. *see* Ashkinazi, G. 9570
Meyler, B. *see* Ashkinazi, G. 11136
Meyler, B. *see* Ashkinazi, G. 19747
Meyler, B. *see* Ashkinazi, G. 42844
Meyn, J.P. *see* Ryba-Romanowski, W. 43802
Meynard, T.A. *see* Alonso, C. 2490
Meyners, N. *see* Barber, D.P. 31578
Meynial, X. *see* Polack, J.D. 13208
Meyr, H. *see* Dawid, H. 18816
Meyr, H. *see* Fechtel, S.A. 22780
Meyr, H. *see* Fechtel, S.A. 37805
Meyr, H. *see* Mehlan, R. 22836
Meyr, H. *see* ten Hagen, K. 18695
Meyrand, G. *see* Girault, P. 15393
Meyrand, G. *see* Letellier, P. 7012
Meyringer, M. *see* Huggard, P.G. 35543
Meys, R., Leclercq, I. Oscillator and resonator system limits, amplitude analysis 41705

Meystel, A.M., Rybak, I.A., Bhasin, S., Meystel, M.A. Multiresolution stroke sketch adaptive representation and neural network processing system for gray-level image recognition 36794
Meystel, A.M. *see* Meystel, M.A. 4903
Meystel, M.A., Rybak, I.A., Bhasin, S., Meystel, A.M. Top-down/bottom-up algorithm for adaptive multiresolutional representation of gray-level images 4903
Meystel, M.A. *see* Meystel, A.M. 36794
Meyyappan, I. *see* Naseem, H.A. 311
Meyyappan, I. *see* Naseem, H.A. 9251
Meyyappan, M. *see* Cole, M.W. 10942
Meyyappan, M. *see* McLane, G. 10900
Mezcua, B.R. *see* Veiga, M. 13128
Mezdrogina, M.M. *see* Kasherininov, P.G. 11558
Mezdrogina, M.M. *see* Kulikov, G.S. 10853
Mezerreg, A. *see* Mbow, B. 3308
Mezerreg, A. *see* Mbow, B. 46429
Mezher, K. *see* Rodriguez-Tellez, J. 19912
Mezi, L. *see* Di Lazzaro, P. 35653
Mezi, L. *see* Letardi, T. 20623
Mezzanatto, G., Foglino, M., Giordanengo, P., Apra, M., Gullane, G. Using AI techniques to design and install electrical bundles 39235
Mezzanotte, P. *see* Sorrentino, R. 21330
Mezzanotte, P. *see* Sorrentino, R. 27164
Mhango, L.M.C., Rennie, J.A. Recent developments and benefits of high-speed PWM inverter-fed induction-motor drive for gas filtration in nuclear power plants 8815
Mi Linshu, Liu Fangning Study on calculation of piecewise method for unsymmetrical open conductor states in power systems with variable structures 32415
Mi Linshu, Lu Feipeng, Jiang Kexun A new algorithm for short circuit fault studies in power system with variable structures 47565
Mi Xin *see* Zhang Zhiguo 12372
Mi-Chang Chang, Jue-Hsien Chern Adaptive regridding for high temperature electrothermal device simulations 19729
Miae Woo, Qazi, N.U., Ghafoor, A. A synchronization framework for communication of pre-orchestrated multimedia information 37271
Mian, G.A. *see* Fratti, M. 44762
Mian, G.A. *see* Manduchi, R. 22040
Miao, H. *see* Christie, R.D. 32489
Miao, J., Wurfl, J., Ruck, D., Hartnagel, H.L. Buried selectively etchable microstructures in GaAs using deep nitrogen implantation 2059
Miao, J. *see* Fricke, K. 31182
Miao, Z., Yasuda, K., Yokoyama, R. Dynamic load dispatching considering parameters' fuzziness and multi-objectivity 39538
Miao De-Hua *see* Xu Zeng-Pu 31187
Miao Dong *see* Dong Miao
Miao Hongxing *see* Hongxing Miao
Miao Qinghai *see* Qinghai Miao
Miao Yang *see* Yang Miao
Miao Yongcheng, Luan Guixing, Kang Baoxiang An ASIC design oriented gate level logic schematic autogenerator—SCHGEN 33809
Miao-Li Pai, Fu-Sheng Chu, Robin Ying A hierarchical neural network approach for an intelligent telecommunication service provisioning system 5284
Miao-Yuan Ye *see* Ye Miao-Yuan
Miaoliang Huang *see* Huang Miaoliang
Miaoquan Guo *see* Guo Miaoquan
Miau, J.J., Yang, C.C., Chou, J.H., Lee, K.R. A T-shaped vortex shedder for a vortex flow-meter 6384
Micali, S. Fair public-key cryptosystems 21531
Micallef, S.P., Short, R.D., Stuart, M.G. Test synthesis—cutting the Gordian Knot 41756
Miccio, F., Continillo, G., D'Anna, A. A numerical model to evaluate thermal and electrical properties in the seeding zone of a MHD combustor 25743
Miceli, R. *see* Buccheri, P. 16469
Miceli, R. *see* Cecconi, V. 147
Miceli, S. *see* Casagrande, G. 41938
Michael, D.J. Camera calibration using postscript interference patterns 23697
Michael, E., Stutzki, J., Hottgenroth, D. An optically pumped FIR ring laser as an open resonator with variable output coupler 12280
Michael, K. *see* Wilfried, H. 25873
Michael, M. *see* Nguyen, L.T. 317
Michael, R.R. *see* Lawson, C.M. 3044
Michael, R.R. *see* Lawson, C.M. 46460
Michaeli, A. Application of physical optics and physical theory of diffraction to a smooth convex surface 12568
Michaelian, K. *see* Belmont-Moreno, E. 7153
Michaelian, K. *see* Menchaca-Rocha, A. 15642
Michaelides, A.M., Pollock, C. Modelling of a new winding arrangement to improve performance in the switched reluctance motor 8339
Michaelides, E.E. *see* Yuan, Z. 16702
Michaelis, H., Behnke, T. CCD control system with FPGA controller. Many CCD controllers are not sufficiently flexible 46495
Michaels, J. *see* Leder, J. 38452
Michaels, K.W., Strojwas, A.J. A methodology for improved circuit simulation efficiency via topology-based variable accuracy device modeling 26596
Michaels, P.A., Miller, A.E., Yan, M.F., Kalomiris, V.E. Single mode fiber optic cable for space applications 6019
Michaels, R. *see* Martens, K. 46914
Michaels, R. *see* Muller, U. 46916
Michaels, R. *see* Siebert, H.-W. 46896
Michalek, P. *see* Forster, K. 16322
Michalik, G., Mielczarski, W. Dynamic state estimation of a synchronous generator using neural-networks techniques 40122
Michalik, G. *see* Lawrance, W. 40350
Michalik, W., Hasenpusch, A., Janiszewski, A. Identification of induction motor parameters in the dynamic state 8424
Michalke, A., Piel, H., Sinclair, C.K., Michelato, P. First operation of high-quantum efficiency photocathodes inside superconducting cavities 7136
Michalski, P.F. *see* Partlo, W.N. 2273
Michalowski, J. *see* Adam, W. 7259
Michalowski, J. *see* Adam, W. 31715
Michalowski, J. *see* Adam, W. 46929
Michalski, A. The proposal of hierarchical integrated management for nation-wide tax processing network 14042
Michalski, A., Serafin, S. Transistor inverter for induction heating 48472
Michalski, A. *see* Berkan, W. 48470
Michalski, A. *see* Berkan, W. 48471
Michalski, J.M. *see* Wong, J.W. 15907
Michalski, K.A. Mixed-potential integral equation (MPIE) formulation for nonplanar microstrip structures of arbitrary shape in multilayered uniaxial media 18988
Michalski, K.A., Hsu, C.G. RCS computation of coax-loaded microstrip patch antennas of arbitrary shape 30875
Michalski, K.A. *see* Butler, C.M. 29351
Michalski, K.A. *see* Di, X. 36383
Michalson, W.R. The application of neural networks to nonlinear filtering 44848
Michalson, W.R. *see* Schneider, E.G. 3269
Michalson, W.R. *see* Schneider, E.G. 3270
Michalzik, R., Ebeling, K.J. Modeling and design of proton-implanted ultralow-threshold vertical-cavity laser diodes 12189
Michaud, G. *see* Doussiere, P. 28824
Michaud, G.H. Meeting the challenge of MCM wire bonding 10600
Michaud, P. *see* Rebiai, M. 38283
Michaut, C. *see* Cowan, R.G. 46728
Miche, P. *see* Quiguer, T. 6560
Micheau, C. *see* Hammou, A. 17329
Michee1sen, H. *see* Fink, F.K. 13125
Michel, A.N. *see* Liu, D. 42071
Michel, B., Grosser, V. Testing of the deformation of micro-mechanical components by laser measuring technique 29080
Michel, C. *see* Wienhard, K. 47046
Michel, C.M., Henggeler, B., Brandeis, D., Lehmann, D. Localization of sources of brain alpha/theta/delta activity and the influence of the mode of spontaneous mentation 31940
Michel, G. *see* Centeno, V. 7993
Michel, G. *see* Phadke, A.G. 47608
Michel, I. *see* Mantl, S. 18146
Michel, J. Load management and least cost planning/demand side management 32378
Michel, J. Yelahanka 120 MWe diesel station supplies Garden City 32766
Michel, J., Nandhakumar, N. Augmented octree-based multisensor image generation models for synthesis of laser radar imagery 22241
Michel, J., Ren, F.Y.G., Zheng, B., Jacobson, D.C., Poate, J.M., Kimerling, L.C. The physics and application of Si:Er for light emitting diodes 43654
Michel, J. *see* Bautz, R. 16366
Michel, J. *see* Ren, F.Y.G. 11868
Michel, J. *see* Ren, F.Y.G. 20584
Michel, J.C. *see* Raffle, Y. 18165
Michel, J.P. *see* Cambon, O. 43228
Michel, L. *see* Konijn, J. 24087
Michel, M. *see* Ils, P. 10707
Michel, M. *see* Ils, P. 27548
Michel, O., Flandrin, P. Local minimum redundancy representation of a system for estimating the number of its degrees of freedom 4744
Michel, O. *see* Flandrin, P. 4738
Michel, O. *see* Flandrin, P. 13398
Michel, P. *see* Losquadro, G. 22919
Michel, R.P., Baican, R., Schubert, E. Soot particle properties in the microwave range 29139
Michel-Piper, I. *see* Matussek, P. 38405
Michelakis, C. *see* Dimoulas, A. 2567
Michelangeli, O. *see* Capodieci, P. 37901
Michelassi, C. *see* Balocchi, R. 39046
Michelato, P., Gallina, P., Pagani, C. Alkali photocathode development for superconducting RF guns 38812
Michelato, P. *see* Michalke, A. 7136
Michelato, P. *see* Pagani, C. 31652
Michele, G.De *see* De Michele, G.
Michelena, M. *see* Trujillo, H. 14943
Micheli, G.De *see* De Micheli, G.
Micheli, M.De *see* De Micheli, M.
Micheli, M.P.De *see* De Micheli, M.P.
Micheli-Tzanakou, E., Chon, T.-S. Image reinforcement with ALOPEX conducted on connectivity strengths, using moment invariants 22274
Micheli-Tzanakou, E., Dasey, T.J. Unsupervised global optimization: applications on classification of handwritten digits and visual evoked potentials 24152
Micheli-Tzanakou, E. *see* Ciaccio, E.J. 24148
Michelini, P. *see* Bulfone, D. 15455
Michelotti, F. *see* Andriesh, A. 3796
Michelotti, F. *see* Bertolotti, M. 35869
Michels, J.H., Varshney, P.K., Weiner, D.D. Synthesis of correlated multichannel random processes 44995
Michels, J.H. *see* Rangaswamy, M. 4750
Michels, R. *see* Scheinberg, N. 42242
Michelsen, R. *see* Alstad, K. 25051
Michelsen, W. *see* Hollander, B. 27658
Michenaud, J.P. *see* Gillot, C. 34526
Michet, D. *see* Beaudin, G. 23251
Michie, W.C. *see* Vengsarkar, A.M. 38546
Michiels, H. *see* Colard, M.I. 25128
Michiels, H. *see* Colard, M.I. 39807
Michielsen, B.L. Path-sum formulas in transmission-line network analysis 36296
Michielssen, E., Sajer, J.-M., Ranjithan, S., Mittra, R. Design of lightweight, broad-band microwave absorbers using genetic algorithms 19012
Michielssen, E., Whites, K. A stable electric field integral equation approach for analyzing scattering from nonplanar wire meshes with arbitrarily small cell sizes 21229
Michielssen, E. *see* Webb, D.B. 21227
Michigami, T. Development of an advanced voltage control technique to improve voltage and reactive power characteristics of a large-scale power cable system 24790
Michihira, A. *see* Kim, Y.J. 47979
Michihira, M. *see* Hamada, S. 8555
Michihira, M. *see* Hamada, S. 32919
Michihira, M. *see* Kim, Y.J. 8559
Michihira, M. *see* Miyagawa, K. 32917
Michikami, O., Ishii, O. Superconducting small antennas 21387
Michikami, O. *see* Nagai, Y. 1399
Michikami, O. *see* Nagai, Y. 20231
Michikami, O. *see* Suzuki, N. 21389
Michiki, K.-i. *see* Hasegawa, K.-i. 7387
Michimori, A. *see* Hagiwara, H. 31948
Michinishi, H., Yokohira, T., Okamoto, T. Minimum test set for locally exhaustive testing of multiple output combinational circuits 10113
Michinishi, H., Yokohira, T., Okamototo, T. Generation of minimum test set for locally exhaustive testing of multiple output combinational circuits—using a maximum sequence generator and EXOR gates 41871
Michishita, K. High-frequency coaxial connectors help improve performance, efficiency 1685
Michishita, K., Ishii, M., Hojo, J.-I. On horizontal electric fields associated with return strokes 36267
Michishita, K. *see* Imai, Y. 16315
Michishita, K. *see* Ishii, M. 47544
Michiyama, J., Fukumoto, T. Novel erase algorithm making possible 2 V operation of stacked type flash EEPROM 34042
Michiyama, J. *see* Hatakeyama, S. 34041
Michizono, S., Saito, Y., Yamaguchi, S., Anami, S., Matuda, N., Kinbara, A. Dielectric materials for use as output window in high-power klystrons 1810
Michizono, S. *see* Saito, Y. 2704
Micka, K. *see* Hollenkamp, A.F. 40420
Mickan, U., Rinn, K. Absolute pattern placement metrology on wafers 15209
Mickelson, A.R. *see* Chen, K.Y. 1590
Mickelson, A.R. *see* Chon, J.C. 35442
Mickelson, A.R. *see* Hjelme, D.R. 19125
Mickelson, A.R. *see* Januar, I. 43497
Mickelson, A.R. *see* Jordan, H.F. 28557
Mickelson, A.R. *see* Radisic, V. 21347
Mickelson, A.R. *see* Shao Yang 11603
Mickelson, A.R. *see* Surette, M.R. 21437
Mickelson, A.R. *see* Yadlowsky, M.J. 20314
Mickens, R.E., Ramadhani, I. Finite-difference schemes having the correct linear stability properties for all finite step-sizes. III 18098
Mickevicius, R., Mitin, V. Electron noise due to phonon scattering in quantum wires 10715
Mickevicius, R., Mitin, V., Harithsa, U.K., Jovanovic, D., Leburton, J.P. Superlinear electron transport and noise in quantum wires 27539
Mickevicius, R. *see* Bannov, N. 27530
Mico, M.L., Oncina, J., Vidal, E. A new version of the nearest-neighbour approximating and eliminating search algorithm (AESA) with linear preprocessing time and memory requirements 22250
Micocci, G. *see* Di Giulio, M. 9708
Micovic, M., Evaldsson, P., Geva, M., Taylor, G.W., Yang, T., Malik, R.J. Quantum well lasers with carbon doped cladding layers grown by solid source molecular beam epitaxy 28808
Micovic, M. *see* Gmachl, C. 35863
Micovic, M. *see* Kiely, P.A. 43026
Midamba, E.D., Haanaes, H.R. Effect of low level laser therapy (LLLT) on inferior alveolar mental and lingual nerves after traumatic injury in 15 patients: a pilot study 15910
Midamba, E.D., Haanaes, H.R. Low reactive-level 830 nm GaAlAs diode laser therapy (LLLT)

successfully accelerates regeneration of peripheral nerves in human 47116
Middaugh, K.M. Industrial LANs: sorting out your communications options 22632
Middaugh, K.M. A comparison of industrial communications networks 30400
Middelhoek, S. *see* in 't Hout, S.R. 6388
Middelkamp, P. *see* Campbell, M. 46972
Middle, J.E. *see* Li, Y. 13530
Middlemast, I. *see* Williams, K.A. 35838
Middleton, A. *see* Foster, B. 31714
Middleton, B.K., Dinis, A.K., Miles, J.J. Digital recording theory for thick media 2841
Middleton, D. *see* Sullivan, E.J. 4661
Middleton, J. A comparison between UHF field strength measurements and predictions using different resolution terrain databases 36212
Middleton, J. *see* Wang, J.S. 3383
Middleton, N.V. *see* Khangura, K.S. 25925
Middleton, P. Trends in voice management 37316
Middleton, P.B., Daniels, T.A., Watt, L.J. XTEND—a micro-simulator for use as a training aid in trip parameter assessment 98
Middleton, P.H., Steiner, H.J., Christie, G.M., Baker, R., Metcalfe, I.S., Steele, B.C.H. Evaluation of novel oxide anodes for methane conversion in SOFC systems 17365
Middleton, P.H. *see* Christie, G.M. 17341
Middleton, R.H. *see* Betz, R.E. 47848
Middleton-Williams, C. Digital video technology 6257
Middya, A.R. *see* Chaudhuri, P. 8756
Midkiff, S.F. *see* Cleaver, R.O. 37355
Midorikawa, K. *see* Hatanaka, H. 11969
Midorikawa, K. *see* Hatanaka, H. 12295
Midorikawa, K. *see* Nakamura, S. 3474
Midorikawa, M., Miyata, T., Kimura, A. Two-wire temperature transmitter 23503
Midorikawa, Y. *see* Seki, H. 35938
Midrio, M. *see* Cariolaro, G.L. 43810
Midrio, M. *see* Fontana, F. 3522
Midrio, M. *see* Fontana, F. 12081
Midrio, M. *see* Fontana, F. 35740
Midrio, M. *see* Franco, P. 35711
Midrio, M. *see* Kodama, Y. 28467
Midrio, M. *see* Romagnoli, M. 23078
Midwinter, J.E. The threat of optical communications 30826
Midwinter, J.E. *see* Carey, C.D. 28670
Midwinter, J.E. *see* Godwin, D.P. 11902
Midwinter, J.E. *see* Godwin, D.P. 12477
Midwinter, J.E. *see* Grindle, R.J. 3195
Midwinter, J.E. *see* Poon, P.C.H. 20470
Midwinter, J.E. *see* Sabry, M. 38133
Midwinter, J.E. *(editor)* Photonics in switching. Vol.1. Background and components 33182
Midya, P. *see* Sarkar, T.K. 12747
Mieda, H., Yoshino, T., Hirano, N. Cornish's expansion analysis of characteristics of communication system with an optical amplifier 14647
Mieda, M. *see* Nakayama, J. 20431
Mieghem, P.van *see* van Mieghem, P.
Miehlich, R., Gaub, H.E. Holographic pattern photobleaching apparatus for the measurement of lateral transport processes at interfaces—design and performance 3862
Miekkala, U. Graph properties for splitting with grounded Laplacian matrices 9462
Mielcarek, W. *see* Cymbrykiewicz, Z. 10525
Mielczarski, W., Sugianto, L.F., McLoughlin, J., Douglas, B. Dynamic programming in decision support systems for reduction of inventory costs 16240
Mielczarski, W., Zajaczkowski, A.M. Feedback linearization technique and its applications to power system control 16822
Mielczarski, W., Zajaczkowski, A.M. Multivariable non-linear controller for a synchronous generator 40135
Mielczarski, W. *see* Lawrance, W. 40350
Mielczarski, W. *see* Michalik, G. 40122
Miele, G. *see* Marchetta, C. 192
Mielnik, J.-C. *see* Bittermann, V. 39262
Mielnik, J.-C. *see* Bittermann, V. 47179
Mien, H.Dang Van *see* Dang Van Mien, H.
Mieno, F., Sasaki, T., Miyata, H., Nomura, H., Tshkune, A., Furumura, Y. Thermally deposited amorphous silicon (TAS) and annealing 26518
Mier, G. *see* Huertas, P. 15095
Mier, P., Baucells, J. Solid state power amplifiers for satellite applications 27256
Mierkiewicz, E. *see* Johns, K. 31685
Mierry, P.De *see* De Mierry, P.
Miers, R.E. *see* Voytas, P.A. 31641
Mierzwiak, K.H. *see* Guttenberger, M. 29360
Mierzwinski, M.E. *see* Croke, E.T. 9586
Mies, C.F.F. *see* Chong, C.C. 8800
Miesak, E.J. *see* Beaud, P. 3487
Miessler, M. *see* Sladek, I. 25334
Miethe, K. *see* Eisenbach, A. 26434
Miethig, M., Renn, J.C., Doody, B.C., Jenkins, P.T., Ambrose, R.G. A miniature variable scan camera for machine vision 46514
Miettenen, H. *see* Abbott, B. 7245
Migal, V.P. *see* Bykov, A.A. 19405
Migal, V.P. *see* Bykov, A.A. 43617
Migal', V.P. *see* Panaev, I.A. 19337
Migdal, R., Taylor, R. Off-the-shelf SCADA upgrade cuts response time, ups reliability 23472
Migdall, A.L. *see* Eppeldauer, G. 23607
Miginskii, S.V. A cascade avalanche generator 1108
Migita, S. *see* Sakai, K. 709
Migitaka, M. *see* Ohsawa, J. 6485
Migitaka, M. *see* Takeuchi, M. 26906
Migitaka, M. *see* Yamamoto, S. 2191
Migliaccio, G. *see* Desiderio, O. 23256
Migliarina, G. *see* Jagd, A. 14183
Migliaro, M.W. Stationary batteries—selected topics 32993
Miglio, G. Quality and costs in the management and calibration of measurement instrumentation 26228
Migliorati, M. *see* Bassetti, M. 7053
Migliorati, M. *see* Bassetti, M. 7055
Migliorati, P., Solyom, C., Albani, L. Noise reduction by median filtering in aperture correction chains for HDTV pictures 30999
Migliorati, P. *see* Lancini, R. 22282
Migliorato, P. *see* Pecora, A. 34967
Migliorato, P. *see* Quinn, M. 34969
Mignani, A.G. *see* Brenci, M. 46486
Mignani, G.A. *see* Brenci, M. 23665
Mignard, M. *see* Grajew, G. 37613
Migneco, E., Alba, R., Calabretta, L., Ciavola, G., Cuttone, G., Di Giacomo, M., Gammino, S., Gmaj, P., Moscatello, M.H., Raia, G., Rifuggiato, D., Rovelli, A., Sura, J., Zhou, Q. Design of the radioactive ion beam facility at the LNS 7144
Mignogna, R. *see* Wang, Y.Q. 9815
Mignot, J. *see* Assoul, M. 47071
Mignotte, M. On Catalan's equation. II [number theory] 26305
Miguel, J.L.de *see* de Miguel, J.L.
Miguel, M.S. *see* Colet, P. 12117
Miguel Vela, G.de *see* de Miguel Vela, G.
Miguel y Anton, J.L.de *see* de Miguel y Anton, J.L.
Migus, A. *see* White, J.O. 21044
Mihai, D. *see* Dogaru, I. 25788
Mihai, D. *see* Lemnean, N. 25746
Mihailescu, I.N., Chitica, N., Teodorescu, V.S., Luisa De Giorgi, M., Leggieri, G., Luches, A., Martino, M., Perrone, A., Dubreuil, B. Excimer laser reactive ablation: an efficient approach for the deposition of high quality TiN films 813
Mihailidi, M. *see* Islam, M.N. 12352
Mihailov, S. *see* Harvey, E.C. 44172
Mihajilovic, A. Power system control & instrumentation 47751
Mihajlovic, M.D. *see* Stojcev, M.K. 33819
Mihalcescu, I., Ligeon, M., Muller, F., Romestain, R., Vial, J.C. Surface passivation: a critical parameter for the visible luminescence of electrooxidised porous silicon 34772
Mihalek, E. *see* Rajic, Z. 24906
Mihalic, D. *see* Sekso, A. 25002
Mihalic, F. *see* Zadravec, D. 16973
Mihalik, J. The prediction coding system of spectral multipliers 22134
Mihaljevic, M.J. An approach to the initial state reconstruction of a clock-controlled shift register based on a novel distance measure 12960
Mihaly, L. *see* Koller, D. 43342
Mihara, A. *see* Usuda, S. 38881
Mihara, M. *see* Nagaoka, M. 42194
Mihara, M. *see* Yamagata, T. 18737
Mihara, T., Watanabe, H., Paz De Araujo, C.A. Evaluation of imprint properties of sol-gel ferroelectric $Pb(ZrTi)O_3$ thin-film capacitors 19161
Mihara, T. *see* Matsushita, T. 28172
Mihara, T. *see* Melnick, B.M. 35144
Mihara Tsuyoshi *see* Tsuyoshi Mihara
Mihashi, Y., Miyashita, M., Hayafuji, N., Kaneno, N., Kageyama, S., Karakida, S., Kizuki, H., Shima, A., Murotani, T. Large-scale metalorganic chemical vapor deposition growth of highly reliable 780 nm AlGaAs multiple quantum well high-power lasers 20849
Mihashi, Y. *see* Kizuki, H. 18153
Mihuc, M., Kerman, N., Tegen, P. The planning, design and implementation of a microprocessor based control system to replace a first generation control system in a Westinghouse combustion turbine 16650
Mii, A., Iizuka, T. Metal halide lamps and exterior installation lighting 48459
Mii, Y., Rishton, S., Taur, Y., Kern, D., Lii, T., Lee, K., Jenkins, K.A., Quinlan, D., Brown, T., Jr., Danner, D., Sewell, F., Polcari, M. Experimental high performance sub-0.1 μm channel nMOSFET's 43122
Mii, Y.-J. Performance consideration for the scaling of sub-micron on-chip interconnections 2217
Mii, Y.J. *see* Rishton, S.A. 28164
Mii Yuh-Jier *see* Yuh-Jier Mii
Miike, H. *see* Nomura, A. 22152
Miin Horng Juang *see* Huang Chung Cheng 2117
Mijnarends, H. *see* Jeursen, H.G. 17624
Mika, K. QA involvement in a large station project—Bruce NGS B experience 16540
Mikado, T. *see* Kametani, H. 10764
Mikado, T. *see* Ohgaki, H. 7190
Mikado, T. *see* Uedono, A. 19471
Mikado, T. *see* Yokoyama, M. 46720
Mikaelian, A. *see* Kiselyov, B. 11570
Mikaelian, A. *see* Kulakov, N. 11563
Mikaelian, A.L., Salakhutdinov, V.K. Use of dynamic holograms for information channel switching 3933
Mikaelian, A.L., Salakhutdinov, V.K. Research on recording holograms in organic media for interconnects 12480
Mikaelian, A.L. *see* Salakhutdinov, V.K. 3928
Mikalsen, D.J. *see* Moske, M.A. 2229
Mikalsen, D.J. *see* Moske, M.A. 2230
Mikami, A. *see* Uno, T. 4088
Mikami, H., Osano, K., Sakakima, H. Magnetic properties of Co-based multi-layered nitride films 20128
Mikami, H. *see* Endoh, M. 35213
Mikata, Y. *see* Okada, T.K. 18237
Mikazuki, Y., Wachi, T., Goto, Y., Yamanaka, T., Morisaki, Y., Sakatani, H. Development of low firing temperature glass-ceramic material and flat package 20108
Mikhail, E.L. *see* Fam, W.Z. 15934
Mikhailichenko, A.A., Zolotorev, M.S. Optical stochastic cooling 23980
Mikhailichenko, A.A. *see* Dikansky, N.S. 7068
Mikhailov, I.V. *see* Koshelev, O.G. 33039
Mikhailov, S.I. *see* Gordeev, A.A. 28922
Mikhailov, S.P., Vaulin, S.L., Shcherbinin, V.E., Shur, M.L. Automated continuity defect evaluation in magnetographic flaw detection. 1. Automated magnetographic flaw detectors 41507
Mikhailov, S.P. *see* Vaulin, S.L. 41510
Mikhailov, V.A. *see* Maslov, V.A. 12340
Mikhailov, V.G., Rezvov, V.A., Roshchin, A.A., Sklyarenko, V.I., Yudin, L.I. Responsive ionization sensors of the transverse distribution in an accelerator beam 46793
Mikhailov, V.M. Overall electromagnetic parameters of solenoids for the generation of high-power pulse magnetic fields 12535
Mikhailov, V.N. *see* Anikin, V.I. 21123
Mikhailov, V.P., Kuleshov, N.V., Zhavoronkov, N.I., Prokohsin, P.V., Yumashev, K.V., Sandulenko, V.A. Optical absorption and nonlinear transmission of tetrahedral V^{3+} (d^2) in yttrium aluminum garnet 21043
Mikhailov, V.P. *see* Demchuk, M.I. 43803
Mikhailov, V.P. *see* Kalashnikov, V.L. 43785
Mikhailov, V.P. *see* Kalashnikov, V.L. 43805
Mikhailov, V.P. *see* Kaminskii, A.A. 12040
Mikhailov, V.P. *see* Manichev, I.A. 12059
Mikhailov, V.P. *see* Yumashev, K.V. 20685
Mikhailov, V.P. *see* Yumashev, K.V. 21004
Mikhailov, Yu. *see* Denisov, S. 31708
Mikhailov, Yu.V. *see* Gilitskii, Yu.V. 46921
Mikhailova, D.V., Fuks, I.M. Emissivity of a statistically rough surface including multiple reflections 29131
Mikhailova, E.D., Khlyunev, A.L., Bosik, S.B. Improving the positioning accuracy of a moving actuator based on an electric drive 48491
Mikhalev, P. *see* Agafonov, A. 46721
Mikhalev, P.G. *see* Korotkov, A.S. 27050
Mikhalevsky, P.N. *see* Baggeroer, A.B. 44879
Mikhalyukov, V.N. *see* Abramovich, Yu.I. 24500
Mikhaylov, V.N. *see* Berkovskiy, A.G. 10633
Mikhaylovskiy, A.I., Fuks, I.M. Statistical characteristics of the number of specular points on a random surface for small grazing angles 12556
Mikheal, W.B. *see* Berg, A.P. 13080
Mikheev, A.S. *see* Machtovoi, I.A. 46513
Mikheev, V.A., Masuhara, N., Wagner, Th., Eska, G., Mohandas, P., Saunders, J. Cylindrical pressure gauge 23931
Mikhelashvili, V. *see* Abraham, D. 12133
Mikhlyaev, S.V. Geometric aberrations of a quasi-planar light guide 28483
Mikhnev, V.A. *see* Konev, V.A. 23848
Mikhnevich, V.V. *see* Dubrovskaya, T.S. 15081
Mikhovski, M. *see* Popov, A. 18356
Miki, A., Nishiguchi, M., Nishizawa, H. High-density interconnect substrate for high power dissipation GaAs LSIs 33359
Miki, A. *see* Nishiguchi, M. 23927
Miki, A. *see* Sakaue, H. 18275
Miki, I., Kumano, T., Takahashi, S., Yamada, T. Fuzzy PI auto-tuning system for vector-controlled induction motor drives 17426
Miki, I., Takahashi, S., Kumano, T. Fuzzy reasoning-based automatic tuning for speed controller in a vector-controlled induction motor drive 25872
Miki, I. *see* Nozawa, J. 25436
Miki, I. *see* Yanagawa, S. 8436
Miki, M. *see* Aihara, Y. 25035
Miki, M. *see* Shindo, T. 32466
Miki, N. *see* Haseyama, M. 13424
Miki, N. *see* Haseyama, M. 29728
Miki, N. *see* Kikuyama, H. 42699
Miki, N. *see* Ohtani, N. 34875
Miki, N. *see* Onoda, T. 5903
Miki, N. *see* Onoda, T. 14648
Miki, N. *see* Sanada, H. 19728
Miki, N. *see* Sanada, H. 42466
Miki, N. *see* Takahashi, A. 21748
Miki, T. Digital cellular systems and services 5760
Miki, T. Optical transport networks 30741
Miki, T. Toward the service-rich era [optical access networks] 45676

Miki, T. Fiber-optic access networks and services 46008
Miki, T. *see* Uchino, E. 13168
Miki, Y., Onae, A., Kurosawa, T., Sakuma, E. A system for measuring absolute frequencies of up to 4.25 THz using a Josephson point contact 15184
Mikiko Sode Tanaka, Ishikawa, M. A multilayer channel router based on optimal multilayer net assignment 35057
Mikirtichan, G.M., Grishin, V.N. The IU-1-10 broadband level meter 15118
Mikityuk, Z., Fechan, A., Newmersthyzka, O., Vistak, M. The field hysteresis of the cholesteric-nematic transition of the phase 43376
Mikkelsen, B., Durhuus, T., Joergensen, C., Pedersen, R.J.S., Braagaard, C., Stubkjaer, K.E. Polarisation insensitive wavelength conversion of 10 Gbit/s signals with SOAs in a Michelson interferometer 35966
Mikkelsen, B., Jorgensen, C.G., Jensen, N., Durhuus, T., Stubkjaer, K.E., Doussiere, P., Fernier, B. High-performance semiconductor optical preamplifier receiver at 10 Gb/s 23011
Mikkelsen, B., Pedersen, R.J.S., Durhuus, T., Braagaard, C., Joergensen, C., Stubkjaer, K.E. Wavelength conversion of high speed data signals 5979
Mikkelsen, B., Vaa, M., Pedersen, R.J., Durhuus, T., Joergensen, C., Braagaard, C., Storkfelt, N., Stubkjaer, K.E., Doussiere, P., Garabedian, G., Graver, C., Derouin, E., Fillion, T., Klenk, M. 20 Gbit/s polarisation insensitive wavelength conversion in semiconductor optical amplifiers 38129
Mikkelsen, B. *see* Braagaard, C. 37993
Mikkelsen, B. *see* Durhuus, T. 28876
Mikkelsen, B. *see* Durhuus, T. 35893
Mikkelsen, B. *see* Pedersen, R.J.S. 23008
Mikkelsen, B. *see* Stubkjaer, K. 28874
Mikkelsen, H. *see* Stephens, D.J. 21016
Mikkelsen, I.S. *see* Palmer, R.D. 7616
Mikkelsen, K.B. *see* Saermark, K. 31882
Mikkelsen, M. *see* Banks, C. 9176
Mikkelsen, S.D. *see* Bak-Jensen, J. 16919
Mikkelsen, S.Damsgaard *see* Damsgaard Mikkelsen, S.
Mikkelson, C.H., Seabaugh, A.C., Beam, E.A., III, Luscombe, J.H., Frazier, G.A. Coupled-quantum-well field-effect resonant tunneling transistor for multi-valued logic/memory applications 42998
Mikkelson, J.M. *see* Shenoy, K.V. 43132
Miklautz, J. *see* Kirchner, G. 40051
Miklich, A.H. *see* Black, R.C. 23854
Miklich, A.H. *see* Koelle, D. 6455
Miklich, A.H. *see* Koelle, D. 28416
Miklyaev, Yu.V. *see* Doohgin, A.V. 35562
Mikolajewski, M. DC/DC resonant converters with synchronous regulated rectifiers 32943
Mikolas, D., Bojko, R., Craighead, H.G., Haas, F., Honey, D.A., Bare, H.F. Fabrication of aspheric high numerical aperture reflective diffractive optic elements using electron beam lithography 44139
Mikoshiba, H., Nishio, N., Matsumoto, T., Kikuchi, H., Kitano, T., Kaneko, H. Defect analyses in VLSI devices by TEM observations and process simulation 11272
Miksad, R.W. *see* Hajj, M.R. 6858
Mikula, J., Dostal, T. Switched capacitor equivalent of frequency dependent negative resistor 9932
Mikula, J. *see* Dostal, T. 9871
Mikula, J. *see* Dostal, T. 18862
Mikulan, P. *see* Reinhardt, K. 34743
Mikulan, P.I., Koo, T.T., Awadelkarim, O.O., Fonash, S.J., Ta, T., Chan, Y.D. Oxide degradation resulting from photoresist ashing 34865
Mikulan, P.I. *see* Awadelkarim, O.O. 42744
Mikulec, I. *see* Bosio, C. 15618
Mikulik, J. Analysis of the bar currents in the cage linear induction motor with chosen stator windings 40225
Milam, V. *see* Davis, C. 11301
Milanesi, S., Rovetta, A., Sala, R., Togno, A., Wen, X. Utilization of stepping motors in the realization of a prototype of perceptive glove with feedback force for telerobotics 17142
Milanesi, S. *see* Rovetta, A. 39082
Milani, E. Intrinsic limit of magneto-optical isolators because of magnetic circular dichroism 3231
Milanovic, J.V., Dobrijevic, D.M. Effects of distributed mechanical torques on stable operation of the turbogenerator 40143
Milanovic, M. *see* Jezernik, K. 17086
Milanovic, M. *see* Zadravec, D. 16973
Milanowski, R.J., Pagey, M.P., Matta, A.I., Bhuva, B.L., Massengill, L.W., Kerns, S.E. Combined effect of X-irradiation and forming gas anneal on the hot-carrier response of MOS oxides 34979
Milazzo, P.M. *see* Mastinu, P.F. 31723
Milbrodt, M.A. *see* Yaffe, H.H. 35463
Milch, J.R. *see* Kenney, T.J. 22168
Mil'cho, M.V. *see* Yeremka, V.D. 33147
Mild, K.Hansson *see* Hansson Mild, K.
Mildner, D.F.R. *see* Xiao, Q.F. 15486
Mildner, M. *see* Clausnitzer, G. 31621
Milenin, V.V. *see* Tkhorik, Yu.A. 19439
Milent, E. *see* Vilain, J.P. 8417
Miler, L. Electrical characteristics of the materials used in the fabrication of low temperature transfer tape 312
Miles, C.F., Rogers, D. A biologically motivated associative memory architecture 10358
Miles, J. *see* Bailey, R. 15273
Miles, J.J. *see* Middleton, B.K. 2841
Miles, M.M. *see* Gilmer, J.M. 32579
Miles, R.E. *see* Awang, Z. 28343
Miles, R.E. *see* Millington, G. 27209
Miles, R.H. *see* Hoffman, C.A. 10683
Miles, R.H. *see* Hoffman, C.A. 42516
Miles, R.H. *see* Young, P.M. 6487
Miletic, A. *see* Baccarini, L. 14416
Miletta, J.R., Chase, R.J., Luu, B.B., Williams, J.W., Viverito, V.J. Modeling of Army Research Laboratory EMP simulators 39448
Milev, I.Y., Ivanova, B.A., Danailov, M.B., Saltiel, S.M. Multi-pulse operation of three-wavelength pulsed Q-switched Nd:$Y_3Al_5O_{12}$ laser 35737
Milev, P. *see* Hoschl, P. 27733
Miley, G.H. *see* Petra, M. 20965
Miley, G.H. *see* Shaban, Y.R. 20645
Miley, G.H. *see* Williams, W.H. 20646
Miley, G.H. *see* Williams, W.H. 35678
Milgram, J.D. Automated boundary-scan diagnostics: adding value to interconnect testing 19240
Milgrome, O.B., Kleinfelder, S.A. A monolithic CMOS 16 channel, 12 bit, 10 microsecond analog to digital converter integrated circuit 18821
Milhem, J.-L. *see* Wilhelm Heuser, F. 25140
Mili, L., Cheniae, M.G., Vichare, N.S., Rousseeuw, P.J. Algorithms for least median of squares state estimation of power systems 24627
Milikh, G. *see* Papadopoulos, K. 4111
Milikh, G.M., Hinds, J.M., Duncan, L.M. A computer simulation of the production of an artificially ionized layer using the Arecibo facility 21250
Milinkovic, Lj., Toprek, D., Brajuskovic, B. Injection and central region studies for the VINCY cyclotron 15407
Milinkovic, Lj. *see* Neskovic, N. 15583
Milios, E. *see* Jasiobedzki, P. 31295
Milisa, A., Mestrovic, K. High voltage SF_6 circuit breakers breaking capacity during synchronization 17116
Miljanic, P.M., So, E. An improved current-comparator-based 1000-A transconductance amplifier for the in-situ calibration of transformer loss measuring systems 16928
Miljanic, Z. *see* Foschini, G.J. 22834
Miljanic, Z. *see* Foschini, G.J. 22849
Miljkovic, D.M. *see* Jeftenic, B.I. 17512
Milkove, K.R. *see* Rishton, S.A. 27550
Milkove, K.R. *see* Zaslavsky, A. 43028
Milkovic, M. A high-speed local feedback unity-gain amplifier 9992
Milkovic, M. *see* Lin, J.-Y. 14924
Mill, B.V. *see* Kaminskii, A.A. 3498
Mill, B.V. *see* Kaminskii, A.A. 28785
Milla, P. *see* Bauer, J. 33065
Millan, J. *see* Godignon, P. 2466
Millan, M.S. *see* Corbalan, M. 29897
Millan, M.S. *see* Vila, N. 29900
Millar, B., Madrid, P.E., Swartzlander, E.E., Jr. A fast hybrid multiplier combining Booth and Wallace/Dadda algorithms 10124
Millar, B. *see* Tridgell, A. 13064
Millar, E.M., Andersh, D.J., Terzuoli, A.J. Target facetization level and the effect on Xpatch predictions 46035
Millar, J.B. *see* Jones, P.A. 7483
Millar, J.B. *see* Ran, S. 4546
Millar, N. *see* Peach, R.C. 34146
Millard, D.P. *see* Herkert, R.M. 44550
Millard, J. *see* Hull, R. 15264
Millard, R. Recharging the environment [batteries] 26124
Millemaci, S. *see* Cecconi, V. 147
Millen, D.R. Pen-based user interfaces 22410
Miller, A. *see* Leopold, R.J. 5831
Miller, A. *see* Leopold, R.J. 30622
Miller, A.E. *see* Michaels, P.A. 6019
Miller, A.J.V., Dewe, M.B. A review of the design, development, and field use of CHART—a continuous real time harmonic monitor 47481
Miller, A.S., Cheng, L., Sawchuk, A.A. Space multiplexing in multistage optical interconnection networks 11732
Miller, B., Kalish, R., Feldman, L.C., Katz, A., Moriya, N., Short, K., White, A.E. Patterned electrical conductance and electrode formation in ion-implanted diamond films 42658
Miller, B.C. *see* Edwards, R.N. 21447
Miller, B.I. *see* Alferness, R.C. 45985
Miller, B.I. *see* Dudley, J.J. 28819
Miller, B.I. *see* Dudley, J.J. 43830
Miller, B.I. *see* Hansen, P.B. 37985
Miller, B.I. *see* Heismann, F. 35440
Miller, B.I. *see* Jianhui Zhou 35892
Miller, B.I. *see* Kim, I. 43888
Miller, B.I. *see* Reichmann, K.C. 22714
Miller, B.I. *see* Tennant, D.M. 28851
Miller, B.I. *see* Young, M.G. 23005
Miller, B.P. *see* Ordille, J.J. 22547
Miller, C. *see* Morgan, N. 31778
Miller, C.A., Shalin, V., Geddes, N., Hoshstrasser, B. Plan-based information requirements: automated knowledge acquisition to support information management in an intelligent pilot-vehicle interface 39214
Miller, C.A. *see* Chao-Song Huang 47259
Miller, C.A. *see* Swartz, W.E. 39374
Miller, C.M. *see* Green, P.E., Jr. 5560
Miller, C.M. *see* Hsu, K. 15041
Miller, C.R. *see* Sanders, T.J. 375
Miller, D. Simulating a QPSK modem 37647
Miller, D., Rose, K. An improved sequential search multistage vector quantizer 4381
Miller, D. *see* Espie, D.M. 8222
Miller, D. *see* Napolitano, L.M., Jr. 328
Miller, D. *see* Napolitano, L.M., Jr. 9937
Miller, D.A.B. *see* Boyd, G.D. 3188
Miller, D.A.B. *see* Carraresi, L. 23619
Miller, D.A.B. *see* De Souza, E.A. 43517
Miller, D.B., Hongbo Fan Step response of distribution arresters at lower currents 47580
Miller, D.B. *see* Foster, B. 31714
Miller, D.G. *see* Foster, B. 31714
Miller, D.J. The four year extended cold standby and restart of the Marysville power plant 32643
Miller, D.J. *see* Martinez-Davalos, A. 7342
Miller, D.L. *see* Kai Zhang 653
Miller, D.L. *see* Pekny, J.F. 41076
Miller, D.L. *see* Zhang, K. 676
Miller, D.L. *see* Zhang, K. 1949
Miller, D.M. *see* Bullington, R.G. 421
Miller, D.R. *see* Gullapalli, K.K. 34905
Miller, E., Willsky, A. A multiscale approach to solving one dimensional inverse problems 13320
Miller, E.K. Trends and directions in computational electromagnetics 3974
Miller, E.K. On using scattering statistics for ultra wideband electromagnetic target classification and identification 46049
Miller, E.K., Kruger, R.P., Moraites, S. A proposed approach for developing next-generation computational electromagnetics software 44189
Miller, E.K. *see* Chakrabarti, S. 12544
Miller, G. *see* Alarie, J.P. 6681
Miller, G. *see* Dahlman, J. 40349
Miller, G.A., Coln, M.C.W., Singer, L.A., Oaklander, P.R. A true 16 b self-calibrating BiCMOS DAC 27018
Miller, G.E. Fiber optic position sensors 6532
Miller, G.E. *see* Abbas, G.L. 39285
Miller, G.J., Paterakis, M. A dynamic bandwidth-allocation-based priority mechanism for the p_i-persistent protocol for MAN's 22517
Miller, G.L., Storey, A.B., Vadari, S.V., Brewer, K.L. Experiences using the dispatcher training simulator as a training tool 24710
Miller, G.L. *see* Griffith, J.E. 27927
Miller, H.C. Flashover of insulators in vacuum: review of the phenomena and techniques to improved holdoff voltage 7982
Miller, H.C., Radzykewycz, D.T., Jr., Hager, G.D., Kessler, W.J., Davis, S.J. Gas phase optically pumped infrared lasers 28696
Miller, H.L. *see* Donavin, P.R. 32620
Miller, J. Pollution prevention protects people and profits 24520
Miller, J. *see* Carey, R. 31749
Miller, J. *see* Domijan, A., Jr. 32502
Miller, J. *see* Morgan, J. 39197
Miller, J. *see* Swanstrom, J. 38400
Miller, J.A., Potter, W.D., Gandham, R.V., Lapena, C.N. An evaluation of local improvement operators for genetic algorithms 18051
Miller, J.A. *see* Baublis, D.C. 8186
Miller, J.C., Sr. *see* Coffey, W.P. 16652
Miller, J.F. *see* Nguyen, H.T. 18565
Miller, J.G. *see* Bonnett, A. 8793
Miller, J.G. *see* Wickline, S.A. 7404
Miller, J.J.H., Song Wang An analysis of the Scharfetter-Gummel box method for the stationary semiconductor device equations 42825
Miller, J.L. *see* Pamart, J.L. 38032
Miller, J.M. *see* Taghizadeh, M.R. 12479
Miller, J.M. *see* Turunen, J. 12460
Miller, J.R., Evans, D.A. Performance characteristics of high reliability double layer capacitor components 17144
Miller, J.S. *see* Alexander, J.P. 24110
Miller, J.S. *see* Alexander, J.P. 46860
Miller, J.S. *see* Yan Wang 3147
Miller, J.T. *see* LaBel, K.A. 39254
Miller, J.W., Goodman, R., Smyth, P. On loss functions which minimize to conditional expected values and posterior probabilities 21477
Miller, J.W. *see* Castagnozzi, D.M. 30724
Miller, K. *see* Grajew, G. 37613
Miller, K. *see* Park, S.K. 26280
Miller, L. *see* Coates, D. 48333
Miller, L.A. *see* Sullivan, T.D. 34803
Miller, L.F. *see* Buckner, M.A. 32000
Miller, L.S., Walton, D.J., Stone, P.J.W., McRoberts, A.M., Sethi, R.S. Langmuir-Blodgett films for nonlinear optical applications 44117
Miller, M. *see* Bertha, F. 2434
Miller, M.A., Simpson, K.D. Integrated survey and design for transmission lines 32448
Miller, M.I. *see* O'Sullivan, J.A. 23094
Miller, M.J. *see* Fletcher, J.R. 32691
Miller, M.J. *see* Vigil, A.J. 11423

Miller, M.R.G. *see* Mercer, I.P. 43780
Miller, M.S., Kotlar, A.J. Technique for measuring thermal diffusivity/conductivity of small thermal-insulator specimens 6844
Miller, M.S. *see* Hu, S.Y. 12091
Miller, M.S. *see* Murphy, K.A. 6547
Miller, M.S. *see* Murphy, K.A. 23673
Miller, M.S. *see* Poland, S.H. 3071
Miller, N.W., D'Aquila, R., Jimma, K.M., Sheehan, M.T., Comegys, G.L. Voltage stability of the Puget Sound system under abnormally cold weather conditions 24711
Miller, P. *see* Eckersall, K.R. 10354
Miller, P. *see* Taylor, G.E. 27093
Miller, P.C. Optimum reduced-resolution phase-only filters for extended target recognition 13609
Miller, P.D., Gibson, J.M., Bleeker, A.J., Liddle, J.A. Laboratory setup for projection electron lithography and a Monte Carlo simulation of scattering mask transmission 27911
Miller, P.J. *see* Hendrickson, J.T. 34303
Miller, P.L. *see* Adishian, G.C. 42602
Miller, P.M., Hurson, A.R., Hettmansperger, R.H. Modular scheme for designing associative memories 10143
Miller, R., Blais, R.A. Modes of innovation in six industrial sectors 169
Miller, R., Smith, C. Mean-preserving multilevel halftoning algorithm 29761
Miller, R., Wei-Ning Xiang A knowledge-based GIS method for visual impact assessment in transmission line siting 16390
Miller, R. *see* Fieguth, T. 15555
Miller, R. *see* Jiang, C.-L. 35813
Miller, R.B. High current beam transport in linear accelerator structures 31599
Miller, R.B., McCullough, W.F., Merkel, G., Litz, M., Roberts, H., Smith, M., Still, G.W. Rise-time sharpening using magnetic insulation in the aurora diode 34489
Miller, R.B. *see* Merkel, G. 34490
Miller, R.D., Wallraff, G.M. Polymeric silicon-containing resist materials 42810
Miller, R.D. *see* Burland, D.M. 21067
Miller, R.D. *see* Moylan, C.R. 44073
Miller, R.D. *see* Silence, S.M. 20235
Miller, R.E. *see* Babin, S.M. 7610
Miller, R.E. *see* Bloemhof, E.E. 30942
Miller, R.E. *see* Burns, J.E. 13885
Miller, R.H. *see* Ruth, R.D. 46776
Miller, R.J.Dwayne *see* Dwayne Miller, R.J.
Miller, R.L. Full scale utility application of a compact hybrid particulate collector (COHPAC) 32685
Miller, R.L. *see* Mandelcorn, L. 10536
Miller, R.W., Taylor, B.K., Jones, R.E. A new optical current transducer 16475
Miller, S. *see* Levush, B. 27417
Miller, S.L. Performance of direct-sequence code-division multiple-access using trellis-coded orthogonal signalling 14389
Miller, T.J. *see* Cantile, M. 34893
Miller, T.J.E. *see* Becerra, R.C. 8310
Miller, T.J.E. *see* Betz, R.E. 47848
Miller, T.J.E. *see* Soong, W.L. 8328
Miller, T.J.E. *see* Soong, W.L. 8840
Miller, T.J.E. *see* Soong, W.L. 17466
Miller, T.J.E. *see* Staton, D.A. 144
Miller, T.J.E. *see* Staton, D.A. 8326
Miller, T.J.E. *see* Staton, D.A. 8456
Miller, T.L., Thompson, D.A., Nicholson, D.J. Experimental evaluation of radiation susceptibility of high speed CCD detectors for free space optical communications application 14575
Miller, T.M. *see* Engel, P.A. 19215
Miller, W. System considerations when using FPGAs 26825
Miller, W. *see* Zhang, D. 10126
Miller, W.C. *see* Jullien, G.A. 10215
Miller, W.C. *see* Jullien, G.A. 26969
Miller, W.C. *see* Jullien, G.A. 41854
Miller, W.C. *see* Macleod, M.D. 44955
Miller, W.C. *see* Wang, Z. 9446
Miller, W.C. *see* Wang, Z. 26793
Miller, W.C. *see* Wang, Z. 29715
Miller, W.C. *see* Zhongde Wang 44839
Miller, W.G. *see* Gilmer, J.M. 32579
Miller, W.H., Greschner, P.W. Simple system upgrades for outmoded health physics instrumentation 32005
Miller, W.H. *see* Sopocy, D.M. 39559
Miller, W.H., Jr., Poole, M.W. Advanced CIM environment for manufacturing data analysis 268
Miller Tate, P.C. *see* Jones, R.G. 42812
Millerioux, Y. *see* Zondy, J.J. 3452
Millican, P.G., Nesbit, T. A low cost EMC test system using the 'Golden Product' test method 4162
Millich, A. Computation of wake fields for the CLIC disk-loaded waveguide (CLIC DLWG) 7076
Millich, A. Simulation of the CLIC transfer structure by means of MAFIA 46742
Millidge, S. *see* Stanaway, M.B. 46439
Milliken, A.M. *see* Bell, L.D. 1919
Milliken, C., Elangovan, S., Khandkar, A. Mechanical and electrical stability of doped $LaCrO_3$ in SOFC applications 17343
Milliken, F.P. *see* van Son, P.C. 42531
Milliken, J.C. *see* Cappo, F.F. 33358
Milliken, S. *see* Johannsen, K.G. 37913
Milliman, L. *see* Dowell, D.H. 12255
Millingen, J.D.van *see* van Millingen, J.D.
Millington, A.D. *see* Coulbeck, L. 40329
Millington, G., Miles, R.E., Pollard, R.D., Steenson, D.P., Chamberlain, J.M., Henini, M. Millimeter-wave self-oscillating mixers using resonant tunnelling devices 27209
Million, A. *see* Bouchut, P. 12207
Millman, S.D. WSI evolution: increasing cell size to generalize designs 43088
Millmore, M. *see* Thomas, S.L. 46987
Millnert, M. *see* Pucar, P. 5080
Millo, D. *see* Walker, R.P. 7111
Millot, P. *see* Gandibleux, X. 47216
Mills, D. *see* Boardman, A.D. 43263
Mills, D.W., Tamil, L.S. Synthesis of guided wave optical interconnects 43668
Mills, G., Griffiths, D. PC-based visual communications services 45393
Mills, G.A. Testing of 4- and 8-fiber ribbon strippability 5924
Mills, G.B., Brooks, M., Lee, D. The GEM Silicon Tracking System 46893
Mills, J. Power on the move 25642
Mills, J. *see* Sandham, W. 47122
Mills, J.D., Rohrs, C.E., Magill, R.B. Encoder reverberations in adaptive predictive coding 36606
Mills, J.H. INDUCTRAN traction battery charging without cables 48401
Mills, M.J. *see* Friedmann, T.A. 9681
Mills, M.R. *see* Aiello, G.R. 15421
Mills, M.R. *see* Aiello, G.R. 15452
Mills, R.J., Randen, K. Should instructor systems be like Apollo mission control? 16583
Mills, R.N. *see* Kung, J.T. 23511
Mills, S. *see* Goldstein, D.H. 32168
Mills, S.J. Project finance for alternative energy 25114
Milman, A.S. SAR imaging by $\omega-k$ migration 7583
Milne, A. *see* Cloude, S.R. 46046
Milne, D. *see* Weiner, N. 10057
Milne, N.G., Yang, S.J.E., Sangster, A.J., Ziad, H., Spirkovitch, S. Determination of the forces present in an electrostatic micromotor 8470
Milne, R.J. *see* Rothberg, S. 165
Milne, W.I. *see* Amaratunga, G.A.J. 27662
Milne, W.I. *see* Carluccio, R. 34996
Milne, W.I. *see* Morgan, P.N. 35034
Milne, W.I. *see* Sankara Narayanan, E.M. 11204
Milne, W.I. *see* Veerasamy, V.S. 27455
Milne, W.I. *see* Veerasamy, V.S. 27647
Milner, B.P. *see* Vaseghi, S.V. 4468
Milner, C. *see* Kendall, H.W. 46970
Milner, L.M., Bishop, K.P., Naqvi, S.S.H., McNeil, J.R. Lithography process monitor using light diffracted from a latent image 2291
Milner, S. *see* Kowalewicz, R. 15411
Milner, S.H., Cryan, R.A., Senior, J.M., South, C.R. In-service non-intrusive measurements of a speech channel using digital adaptive filters 5623
Milner, S.H., Cryan, R.A., Senior, J.M., South, C.R. Live network assessment using digital signal processing 22470
Milner, S.H., Cryan, R.A., Senior, J.M., South, C.R. The use of digital adaptive filters in assessing live speech networks 44750
Milnes, A.G., Ye, M., Stam, M. Ohmic contacts of Au and Ag to p-GaSb 19435
Milnes, A.G. *see* Milvidskaya, A.G. 27485
Milnes, A.G. *see* Polyakov, A.Y. 9533
Milonov, Yu.Yu. *see* Aleksandrov, Yu.N. 29736
Milor, L. *see* Chao, C.-Y. 17807
Milor, L. *see* Zhang, W. 9227
Milosavljevic, A., Jurka, J. Identification of human repetitive DNA elements via electronic mail 5420
Milosavljevic, Z., Milosevic, O., Uskokovic, D., Vasovic, D., Poleti, D., Karanovic, L. A novel approach to control of ZnO-based varistor microstructures at the nanometre level 885
Milosevic, O., Uskokovic, D. Synthesis of $BaTiO_3$ and ZnO varistor precursor powders by reaction spray pyrolysis 884
Milosevic, O. *see* Milosavljevic, Z. 885
Milosevic, Z., Lister, A., Bearman, M. New economic-driven aspects of the ODP enterprise specification and related quality of service issues 37346
Milosevic, Z. *see* Phillips, M.J. 30289
Milovanovic, D.P., Litovski, V.B. Fault models of CMOS circuits 41803
Milovanovic, E.I. *see* Stojcev, M.K. 33819
Milovanovic, I.Z. *see* Stojcev, M.K. 33819
Milovskii, N.V., Markelov, N.A., Il'in, V.A. Single-frequency YAG laser with a new type of mode selector 12054
Mil'shtein, S., Iatrou, S., Kharas, D., Bell, R.O., Sandstrom, D. Study of solar cells by SEM dark voltage contrast 17400
Mil'shtein, S., Paludi, C.A., Jr., Chau, P., Awrach, J. Perspectives and limitations of vacuum microtubes 10613
Milsom, R.F., Scott, K.J., Simons, P.R. Reduced equivalent circuit model for PCB 34333
Milsom, R.F. *see* du Cloux, R. 34340
Milstein, L. *see* Davis, M. 37701
Milstein, L.B. *see* Chingshyang Lo 22773
Milstein, L.B. *see* Lo, C. 22763
Milstein, L.B. *see* Lomp, G.R. 14492
Milstein, L.B. *see* Raghavan, S.A. 13271
Milstein, L.B. *see* Zorzi, M. 45846
Milstene, C. *see* Cushman, P. 24012
Milster, T.D., Walker, E.P. Figures of merit for laser beam quality 6831
Milster, T.D., Wang, M.S., Li, W., Walker, E. Optical filtering in the collection path of a data storage device 20429
Milster, T.D. *see* Schlichting, W. 35313
Milster, T.D. *see* Wang, M.S. 2947
Milster, T.D. *see* Wang, M.S. 20263
Miltenburg, J.C.van *see* van Miltenburg, J.C.
Milthorpe, J.F. *see* Lai, J.C.S. 40561
Milthorpe, J.F. *see* Pulle, D.W.J. 8885
Milton, B. *see* Dehnel, M. 7395
Milton, M.J.T., Gardiner, T.D., Chourdakis, G., Woods, P.T. Injection seeding of an infrared optical parametric oscillator with a tunable diode laser 36025
Milton, S.V. *see* Abela, R. 15388
Milu, C. *see* Pana, I. 24165
Milun, D., Sher, D. Training Markov random fields by sampling—how much data is required? 36803
Milun, D. *see* Sher, D.B. 36805
Milutinovic, J., Ruggiero, A.G. Tracking experience with PATRIS at BNL 38781
Milvidskaya, A.G., Polyakov, A.Y., Kolchina, G.P., Milnes, A.G., Govorkov, A.V., Smirnov, N.B., Tunitskaya, I.V. The properties of heavily compensated high resistivity GaSb crystals 27485
Milvidskii, M.G. *see* Vdovin, V.I. 729
Milykh, V.I. Coupled-field method of solving eddy-current problems in the armature winding of a DC machine 16888
Milykh, V.I. Analysis of eddy currents in the armature winding of a D.C. machine under no-load conditions 40231
Milykh, V.I. Eddy currents and secondary losses in the armature winding of a large DC machine 40239
Mima, K. *see* Asakawa, M. 43691
Mima, K. *see* Asakawa, M. 43965
Mima, K. *see* Kuruma, S. 43998
Mima, K. *see* Nakajima, K. 7013
Mima, K. *see* Taguchi, T. 44001
Mimaki, H. *see* Nakano, H. 12741
Mimaki, H. *see* Nakano, H. 36415
Mimaki, T. *see* Hamamatsu, T. 25856
Mimaki, T. *see* Youssef, N. 18004
Mimis, V. *see* McNeil, S. 37908
Mimura, H., Futagi, T., Matsumoto, T., Kanemitsu, Y. A visible light-emitting diode using a PN junction of porous silicon and microcrystalline silicon carbide 28666
Mimura, H., Futagi, T., Matsumoto, T., Nakamura, T., Kanemitsu, Y. Blue light emission from rapid-thermal-oxidized porous silicon 43622
Mimura, H., Futagi, T., Matsumoto, T., Ohta, Y., Kitamura, K., Kanemitsu, Y. Electroluminescence from μc-SiC /porous Si pn junctions 20559
Mimura, H. *see* Futagi, T. 3355
Mimura, H. *see* Hashiguchi, G. 27408
Mimura, H. *see* Hashiguchi, G. 42354
Mimura, H. *see* Kanemitsu, Y. 19583
Mimura, H. *see* Matsumoto, T. 20484
Mimura, M. *see* Hasegawa, M. 18540
Mimura, S. *see* Lau, J. 42296
Min, B.H., Choi, H.S., Park, J.S., Han, M.K. A new thin film transistor structure for increasing storage capacitance in the pixel element 28523
Min, G. *see* Fu, L.W. 1873
Min, G. *see* Rowe, D.M. 19355
Min, H.B., Luh, H.-t.A., Rogers, W.A. Hierarchical test pattern generation: a cost model and implementation 1133
Min, H.S. *see* Moh, K.G. 19713
Min, H.S. *see* Song, D.H. 19813
Min, J., Rofougaran, A., Lin, V., Jensen, M., Samueli, H., Abidi, A., Pottie, G., Rahmat-Samii, Y. A low-power handheld frequency-hopped spread spectrum transceiver hardware architecture 14487
Min, K. *see* Bae, M. 29539
Min, K. *see* Sundstrom, B. 29770
Min, S., Jin-Fa Lee, Gordon, R. Numerical analysis of microwave cavities with anisotropic materials 44524
Min Byoung Goo *see* Byoung Goo Min
Min Byung-Hyuk *see* Byung-Hyuk Min
Min Chen *see* Chen Min
Min Gi Kim, Dinstein, I., Shaw, L. A prototype filter design approach to pyramid generation 29883
Min Hong Shick *see* Hong Shick Min
Min Hong-Shick *see* Hong-Shick Min
Min Jeong-Ky *see* Jeong-Ky Min
Min Jou Jer *see* Jer Min Jou
Min Kim Han *see* Han Min Kim
Min Koo Han *see* Byung Chul Ahn 34998
Min Kyeong-Sik *see* Kyeong-Sik Min
Min Lee Kuan *see* Kuan Min Lee
Min Lee Soo *see* Soo Min Lee

Min Ma Cherng *see* Cherng Min Ma
Min Namkung *see* Wincheski, B. 26539
Min Qian *see* Qian Min
Min Qing-Dong *see* Chen Yong Le 38673
Min Sik Jo *see* Byoung Il Choi 12367
Min Suk-Ki *see* Suk-Ki Min
Min Sun *see* Sun Min
Min Sung Choi *see* Heung Sik Kim 2646
Min Xie, Beex, A.A. Multiresolution parametric spectral estimation 44914
Min Yang *see* Guangzhao Xu 19926
Min Yinghua *see* Yinghua Min
Min Zhang *see* Zhang Min
Min-Cheol Oh *see* Sang-Shin Lee 20390
Min-Chio Kung *see* Yu-Ming Sung 18865
Min-Ho Park *see* Dong-Choon Lee 8648
Min-Ho Park *see* Jun-Keun Ji 17622
Min-Jae, H. *see* Himeno, T. 14856
Min-Koo Han *see* Byeong-Hoon Lee 42920
Min-Koo Han *see* Suh, K.S. 35167
Min-Koo Han *see* Yong-Sang Kim 42930
Min-Suk Lee, Yong Kim, Moo-Song Kim, Seong-Il Kim, Suk-Ki Min, Young Duk Kim, Sahn Nahm Properties of the quantum wires grown on V-grooved $Al_{0.3}Ga_{0.7}As/GaAs$ substrate by atmospheric pressure metalorganic chemical vapor deposition 9715
Min-Sup Lee, Si-Ryong Yu A study on motion estimation using local minima 36849
Min-Yih Luo, Bosman, G. Comments on "A model of 1/f noise in polysilicon resistors" 43031
Min-Ywan Lin *see* Breipohl, A.M. 47436
Min-Zhoung Yan *see* Zhong-Yue Ren 32867
Minaev, D.V. *see* Bogolyubov, A.N. 36313
Minaeva, E. *see* Karpman, J. 18295
Minagawa, A. *see* Yaosaka, M. 34085
Minagawa, H. *see* Nakamoto, S. 24519
Minagawa, K. *see* Kono, Y. 32351
Minagawa, S. *see* Tanaka, T. 3616
Minagawa, S. *see* Tanaka, T. 3671
Minagawa, T. *see* Ito, K. 14345
Minakami, M. *see* Nishijima, K. 2707
Minakata, M. *see* Kakio, S. 20365
Minakawa, A., Hirota, T. An extremely small 26 GHz monolithic image-rejection mixer without DC power consumption 19131
Minakuchi, H. Audio and video equipments 23253
Minami, E. *see* Tu, R.H. 17956
Minami, G. *see* Alves, N. 43173
Minami, H., Nakano, H., Sato, K., Takano, H. Suppression of resist heating effect by multiple electron-beam exposure on GaAs substrates 2324
Minami, H. *see* Ishikawa, T. 35035
Minami, H. *see* Katoh, T. 1525
Minami, K., Okada, E., Yoshimura, Y., Minamitani, H. Image measurement of arterial hypertrophy in pulmonary histological specimen 15826
Minami, K., Wakabayashi, Y., Yoshida, M., Watanabe, K., Esashi, M. YAG laser-assisted etching of silicon for fabricating sensors and actuators 19598
Minami, K., Yamakita, J., Sawa, S. Analysis of lossy dielectric gratings using pseudo-periodic Green's function 4060
Minami, K. *see* Sugawara, A. 1394
Minami, K. *see* Yamaguchi, M. 21180
Minami, N. *see* Suzuki, T. 24156
Minami, S.-i., Kamigaki, Y. A novel MONOS nonvolatile memory device ensuring 10-year data retention after 10^7 erase/write cycles 18719
Minami, T. *see* Sato, H. 9658
Minami, T. *see* Sato, H. 9768
Minami, T. *see* Sato, H. 33726
Minami, Y., Sekiguchi, A. Defocus simulation using observed dissolution rate in photolithography 19686
Minami, Y., Yamada, T., Shikano, K., Matsuoka, T. Very large vocabulary continuous speech recognition algorithm for telephone directory assistance 44796
Minami, Y. *see* Takahashi, S. 44792
Minamikawa-Tachino, R., Ishii, K., Sakuraba, H., Suzuki, S., Kaminuma, T. Quantitative analysis of dystrophin gene amplification products using a PC-based image analysis system 13644
Minamisono, K., Satoh, G. An interference cancellation method for small earth stations 5827
Minamisono, K. *see* Matsudo, T. 36178
Minamisono, T. *see* Fukuda, S. 46318
Minamitani, H. *see* Cho, C. 15771
Minamitani, H. *see* Minami, K. 15826
Minamitani, H. *see* Uike, M. 15824
Minamoto, Y., Ohnishi, T. New PWM method for current fed type converter with filter circuit 8627
Minamoto, Y. *see* Ohnishi, T. 16947
Minari, Y., Shinohara, K., Ueda, R. PWM-rectifier/voltage-source inverter without DC link components for induction motor drive 8526
Minari, Y. *see* Koga, K. 16805
Minashvili, I. *see* Budagov, J. 46955
Minasian, R.A. Low-noise, high-speed optical receivers 38050
Minasian, R.A. *see* Alameh, K.E. 36445
Minasian, R.A. *see* Park, M.S. 45982
Minasian, R.A. *see* Park, M.S. 46002
Minasian, R.A. *see* Yew Tai Chieng 43801
Minato, S.-I. BEM-II: an arithmetic Boolean expression manipulator using BDDs 18419
Minato, T. *see* Harada, M. 41654
Minato, Y. D-5 component digital VTR records up to 288M-bits/sec 38352
Minayev, D.V. *see* Sveshnikov, A.G. 29258
Minazhdinov, M.S. *see* Beklemishev, V.I. 34768
Mincer, A.I. Pileup effects in the DØ calorimeter 31707
Minchenko, A.V. *see* Assev, A.A. 15570
Minciotti, R.L. *see* Ramos, A. 7519
Minden, G.J., Evans, J.B., Petr, D.W., Frost, V.S. An ATM WAN/LAN gateway architecture 14169
Minden, G.J. *see* Gupta, C.N. 14633
Minden, H.T. *see* Albertinetti, N. 9721
Minder, C.E., Pfluger, D.H. Extremely low frequency electromagnetic field measurements (ELF-EMF) in Swiss railway engines 7493
Minder, R. *see* Rufer, A.-C. 16725
Mine, P. Photoemissive materials and their application to gaseous detectors 46898
Mine, P. *see* Breskin, A. 42352
Mine, P. *see* Malamud, G. 46899
Mine, S., Ueda, T., Intoh, K., Tanaka, Y. The configuration of LSI for digital telephone set 45683
Mine, S. *see* Ochiai, A. 14270
Mine, T., Hirose, M. New technology for elevator drive systems 33111
Mine, T. *see* Takamura, T. 17245
Mine, T. *see* Usami, N. 9514
Mine, T. *see* Usami, N. 41265
Mine, T. *see* Usami, N. 41342
Mine, Y., Saito, H., Hara, H. Potential study of CO_2 gasdynamic laser using solid propellant 20620
Mine, Y. *see* Ebina, K. 20617
Mine, Y. *see* Hashimoto, T. 11933
Minegishi, S. *see* Xinwei, Y. 24986
Minehan, W.T. *see* Dolhert, L.E. 9285
Minemoto, H., Ozaki, Y., Sonoda, N., Sasaki, T. Intracavity second-harmonic generation using a deuterated organic ionic crystal 36005
Minemoto, T. *see* Miyazaki, E. 46335
Minemoto, T. *see* Nakagawa, K. 6804
Minemoto, T. *see* Qiong Zhan 5109
Minemoto, T. *see* Zhan, Q. 4784
Minemoto, T. *see* Zhan, Q. 4857
Minemura, H., Sato, Y., Tsuboi, N., Sugita, T., Fushimi, T., Yasukawa, S., Andoh, H., Muto, N., Kugiya, F., Tsunoda, Y. 2.5 inch flat-type phase-change optical disk drive 20271
Minemura, T., Asano, J., Yazawa, Y. High-performance structure of light-emitting diode for GaAs on Si 3364
Minemura, T. *see* Kaneko, T. 41465
Mineo, K. *see* Ando, A. 38832
Miner, B. *see* Atakov, E.M. 34799
Miner, B. *see* Atakov, E.M. 34835
Miner, C.J. *see* Knight, D.G. 18152
Miner, C.J. *see* Moore, W.T. 42881
Miner, J.F. *see* Joshi, A.M. 11094
Miner, L.M., Voss, D.E. Multi-GHz bandpass, high-repetition rate single channel mobile diagnostic system for ultra-wideband applications 46301
Miner, P.S., Padilla, P.A., Torres, W. A provably correct design of a fault-tolerant clock synchronization circuit 34137
Minerskjold, M., Lindblad, T., Lund-Jensen, B., Szekely, G. Investigation of the scintillation light from liquid argon doped with xenon 7237
Minerva, G. *see* Scarati, C. 37871
Minerva, R. Object oriented description of a multimedia conference service 37610
Minetti, B. *see* Antonelli, A. 24054
Minetti, B. *see* Masoni, A. 15659
Minford, W. *see* Kanofsky, A.S. 3098
Minfu Li *see* Li Minfu
Ming, J., Smith, F.J. Interframe dependent hidden Markov model for speech recognition 36586
Ming, L., Leijon, M., Hjortsberg, A., Bengtsson, T. DC surface charging from an electrode protrusion in SF_6 11347
Ming, L. *see* Bengtsson, T. 2694
Ming Chang, Chwen-Shell Ho, Ching-Piao Hu 360° phase-measuring moire topography 46598
Ming Chang, Lin, P.P., Wen Chih Tai A fringe center detection technique based on a sub-pixel resolution, and its applications using sinusoidal gratings 46621
Ming Chao *see* Lai, J.Z.C. 23351
Ming Chen, But-Chung Chiu, Demaree, K. Expert system approach to the control of EMS functions 32264
Ming Chen *see* Chen Ming
Ming Chong *see* Demesmaeker, E. 8748
Ming Chong *see* Luque, A. 8747
Ming Chong *see* Morales-Acevedo, A. 8749
Ming Fang Xiao *see* Xiao Ming Fang
Ming He *see* He Ming
Ming Hwang *see* Edwards, D. 40966
Ming Ji *see* Ji Ming
Ming Jiang Yang *see* Yang Ming Jiang
Ming Jin *see* Jin Ming
Ming Lee, S. *see* Frechet, J.M.J. 11054
Ming Li *see* Li Ming
Ming Liaw, H. *see* Chang, K.H. 33669
Ming Lu A pragmatic approach to resolution threshold of beamspace MUSIC 21876
Ming Lu, Bousetta, A., Sukach, R., Bensaoula, A., Walters, K., Eipers-Smith, K., Schultz, A. Growth of cubic boron nitride on Si(100) by neutralized nitrogen ion bombardment 41400
Ming Lu *see* Lu Ming
Ming Mao Wong *see* Wong Ming Mao
Ming Nai-Ben *see* Nai-Ben Ming
Ming Oi, Jinsheng Luo, Shirakashi, J., Tokumitsu, E., Nozaki, S., Konagai, M., Takahashi, K. Heavily carbon doped p-type GaAs/InGaAs strained-layer superlattices grown by MOMBE 9581
Ming Ouhyoung *see* Yuong-Wei Lei 38247
Ming Qi *see* Qi Ming
Ming Qin *see* Qin Ming
Ming Wang *see* Wang Ming
Ming Xie, Kwang-Je Kim Hole-coupled resonators for broadly tunable infrared free electron lasers 28913
Ming Ye *see* Ye Ming
Ming Yu, Ke Wu, Vahldieck, R. Analysis of CPW discontinuities and airbridges using the quasi-static space-spectral domain approach 12711
Ming Yu, Kuffel, E. The integration of functions with singularities in boundary element method for Poisson's equation 41168
Ming Zhang *see* Zhang Ming
Ming Zhong *see* Zhong Ming
Ming Zhu Xiao *see* Xiao Ming Zhu
Ming-Bo Lin, Oruc, A.Y. A fault-tolerant permutation network modulo arithmetic processor 18622
Ming-Chieh Cheng *see* Ning Fang 5013
Ming-Chin Lu *see* Subbarao, M. 5045
Ming-Chuen Chuang *see* Levine, S.H. 45190
Ming-Chwen Yang *see* Ja-Ling Wu 18390
Ming-Deng Shieh, Chiapyng Lee, Cheng-Hsien Chen, Tri-Rung Yew, Chung-Yuan Kung Low temperature (313°C) silicon epitaxial growth by plasma-enhanced chemical vapor deposition with stainless steel mesh 696
Ming-Dou Ker, Chung-Yu Wu CMOS on-chip electrostatic discharge protection circuit using four-SCR structures with low ESD-trigger voltage 19998
Ming-Dou Ker, Chung-Yu Wu Transient analysis of submicron CMOS latchup with a physical criterion 28263
Ming-Hong Wang *see* Lin, D.W. 29943
Ming-Hsien Lin, Kou, S. Crystal pulling with floating wetted shapers 651
Ming-Hua Yeh *see* Hsiu-Fung Cheng 18285
Ming-Jeng Bair *see* Mu-Kuen Chang 37564
Ming-Jeng Lu *see* Chyi Hwang 33576
Ming-Jenq Hsieh *see* Wen-Rong Wu 22302
Ming-Jer Kao, Wei-Chou Hsu, Hir-Ming Shieh Improved selectively δ-doped GaAs/InGaAs double-quantum-well pseudomorphic HFET's utilizing a buried p-layer on the buffer 2602
Ming-Jiang Zhou, Van Calster, A. A breakdown voltage model for implanted RESURF p-LDMOS device on n^+ buried layer 42991
Ming-Jiunn Jou, Jyh-Feng Lin, Chuan-Ming Chang, Chun-Hung Lin, Meng-Chyi Wu, Biing-Jye Lee Metalorganic vapor phase epitaxy growth and characterization of $(Al_xGa_{1-x})_{0.5}In_{0.5}P/Ga_{0.5}In_{0.5}P$ (x=0.4, 0.7 and 1.0) quantum wells on 15°-off-(100) GaAs substrates at high growth rate 9516
Ming-Jiunn Jou *see* Jyh-Feng Lin 43663
Ming-Jiuun Jou *see* Jyh-Feng Lin 3358
Ming-Kaan Liang, Yong-Chien Ling Microstructural dependence of annealing temperature in magnetron-sputtered Al-Si-Cu films 10983
Ming-kong Lau *see* Wing-yan Ng 15204
Ming-Seng Kao, Shou-Kuo Shao WDM coding for high-speed lightwave systems 30714
Ming-Seng Kao *see* Shou-Kuo Shao 38070
Ming-Shen, S. *see* Ramirez-Angulo, J. 10119
Ming-Sheng, S. *see* Ramirez-Angulo, J. 10367
Ming-Shiann Feng *see* Huang-Chung Cheng 2528
Ming-Shiann Feng *see* Ping-Wei Wang 42689
Ming-Shing Lin, Ruey-Beei Wu, Chun Hsiung Chen Time-domain analysis of propagation in inhomogeneous anisotropic lossy slabs 29228
Ming-Shung Lai *see* Hong-Ming Lin 9799
Ming-Syan Chen, Yu, P.S., Kun-Lung Wu Decentralized consensus protocols with multi-port communication 45581
Ming-Tang Shih *see* Tay-Her Tsaur 38071
Ming-Tang Wu *see* Wu Ming-Tang
Ming-Ting Sun *see* Ting-Chung Chen 30547
Ming-Trong Lee *see* Ching-Cherng Sun 11755
Ming-Tsung Tsai *see* Wen-Inne Tsai 8626
Ming-Tzong Yang *see* Wen-An Loong 28019
Ming-Wei Lu *see* Allmen, C.R. 26260
Ming-Wen Chang *see* Ching-Cherng Sun 11755
Ming-Wen Chang *see* Fu-Ming Juang 29024
Ming-Yi Li, Hummer, K.A., Kai Chang A simple divide-by-de-embedding measurement method 6761
Ming-yi Li *see* Kanamaluru, S. 1419
Ming-yi Li *see* McCleary, J. 34226
Mingam, H., Delpech, P. The CMOS WAI 0.7 μm process from CNET and its transfer to Matra-MHS 2653
Mingbao Zhou *see* Zhou Mingbao

Mingchang Wang, Zaitong Lu, Lifen Zhang, Bing Lu, Huifen Zhou, Chengshi Feng, Zhijiang Wang A new type of cavity for a Raman free electron laser 20921
Mingchang Wang *see* Bingjun Zhang 28901
Mingchang Wang *see* Feng, B. 35904
Mingche Chen *see* Jaeger, N.A.F. 5649
Mingcui Cao *see* Hongpu Li 3278
Mingcui Cao *see* Jun Ali 28541
Mingde Xu *see* Nooney, M. 27683
Mingde Yu *see* Yu Mingde
Mingdi Yan *see* Wybourne, M.N. 27899
Mingfang Wu *see* Wu Mingfang
Mingguo Liu *see* Liu Mingguo
Mingh Shih *see* Pan, I.J. 28453
Minghua Chen *see* Chen Minghua
Minghua Wang *see* Wang Minghua
Mingjun Wang *see* Wang Mingjun
Mingkang Zhu *see* Zhu Mingkang
Mingli Chen *see* Chen Mingli
Mingming Geng Electrode characterisation of $MmNi_5$-based alloys for nickel-metal hydride batteries 48053
Mingos, D.M.P. Microwave syntheses of inorganic materials 33578
Mingozzi, E. *see* Buffarini, G.G. 48355
Mingrong Ren *see* Ren Mingrong
Mingtian Fan, Zuping Zhang, Lin, C.E. Discrete VAr optimization in a distribution system using mixed-integer programming with an expert system 7936
Mingui Sun, Scher, M.S., Dahl, R.E., Ryan, N.D., Iyengar, S., Kosanovic, B., Sclabassi, R.J. Analysis of aliasing and quantization problems in EEG data acquisition 7433
Minguzzi, P. *see* Di Lieto, A. 35712
Mingwan Qin *see* Qin Mingwan
Mingwu Fan *see* Tianjue Zhang 15532
Mingxin Qiu *see* Qiu Mingxin
Mingyi Wang *see* Wang Mingyi
Mingzhe Lu *see* Lu Mingzhe
Mingzhe Rong *see* Rong Mingzhe
Mingzhen Xu, Changhua Tan, Yandong He, Yangyuan Wang A spectral analysis method to directly determine minority carrier generation lifetime using the pulsed MOS structure 19465
Mingzhen Yan *see* Yan Mingzhen
Minh, N.Q., Armstrong, T.R., Esopa, J.R., Guiheen, J.V., Horne, C.R., Van Ackeren, J.J. Tape-calendered monolithic and flat plate solid oxide fuel cells 17285
Minh Tieng Quang *see* Quang Minh Tieng
Minhaj, M.S.M. *see* Wang, L.-Q. 4017
Minhan Chen, Pored, W., Kirkner, D.J. Coupled finite element/boundary element method for semiconductor quantum devices with exposed surfaces 34886
Minhao Zhang *see* Zhang Minhao
Minhua Jiang *see* Jiang Minhua
Minhua Zhou *see* Zhou Minhua
Minico, C.Di *see* Di Minico, C.
Minier, M. *see* Guivarc'h, A. 18201
Minier, M. *see* Guivarc'h, A. 41274
Minier, V., Xu, J.M. Coupled-mode analysis of superimposed phase grating guided-wave structures and intergrating coupling effects 4227
Minin, A.V., Deryugin, S.N. The adaptive differential PCM codec of the DKD-400 digital satellite communications equipment 30680
Minin, V.I., Kiryukhin, A.M. Automated readout of output information of analog Fourier processors 1287
Mininni, R.M. *see* Pushkara Rao, V. 44072
Miniscalco, W.J. *see* Chirravuri, J. 3513
Miniscalco, W.J. *see* Pedersen, B. 3511
Miniussi, A. *see* Barbar, K. 44748
Minjin Wu *see* Wu Minjin
Mink, J.W., Schwering, F.K. A hybrid dielectric slab-beam waveguide for the sub-millimeter wave region 34277
Mink, J.W. *see* Heron, P.L. 1424
Mink, J.W. *see* Heron, P.L. 36436
Mink, L.A., Hughes, C.A. Low-cost easily constructed dual-photogate timer 1294
Minkoff, M. *see* Tentner, A.M. 25184
Minkov, B.I. *see* Demchuk, M.I. 43803
Minkov, B.I. *see* Ivanov, A.A. 28772
Minkov, B.I. *see* Manichev, I.A. 12059
Minkov, B.I. *see* Yanovsky, V. 3485
Minkov, D. Influence of the light interaction on the optical behaviour of a-Si:H solar cells 17392
Minkov, G.M. *see* Germanenko, A.V. 34617
Minkovski, N., Ivanov, L., Mirtchev, T. Nonlinear interference between two sets of frequency conversion processes with widely spaced pump wavelengths in an optical fiber 35362
Minkowski, P. *see* Grajew, G. 37613
Minkus, H. *see* Kwan, F. 19094
Minkwitz, T., Creutzbug, R. A new fast algebraic convolution algorithm 13460
Minming, W. *see* Xiaoping, W. 15088
Minming Wu *see* Wu Minming
Minmura, T. *see* Kaneko, T. 9748
Minna, L. *see* Tacconi, G. 6770
Minning, C.P. *see* Licari, J.J. 32146
Minnis, B.J., Healy, M. 2.5 W MMIC power amplifiers for X-band phased arrays 14706
Minniti, A. *see* Neri, A. 36969
Mino, Y. *see* Hashimoto, Y. 7701
Minocha, K.K. Care a bit [error-free digital communication] 37057
Minocha, K.K. "To fuse or not to fuse" — a close look at splices and splicing times and need to minimize splicing times 43451
Minoda, H., Haikawa, Y., Yamamoto, H., Sudo, K., Nishida, S. Development of LSIs for MD record and playback system 23366
Minoh, A. *see* Shimizu, F.O. 28737
Minoh, M. Document image analysis 13494
Minohara, S. *see* Kanazawa, M. 6908
Minoli, D., Keinath, R. Distributed multimedia through broadband communications services 26040
Minoni, U. *see* Gelmini, E. 28760
Minoni, U. *see* Gelmini, E. 29081
Minoni, U. *see* Sansoni, G. 35506
Minoni Umberto *see* Umberto Minoni
Minot, J. Adaptive routing using cellular automata 30257
Minot, K., Nelson, B., Jones, W. A low noise, phase linear distributed coplanar waveguide amplifier 19138
Minoux, M. *see* Dodu, J.C. 41086
Minowa, I., Nakamura, M. Simulation for the current density distribution in a contact spot 27334
Minowa, M., Tanahashi, N., Kito, Y., Sakurano, H. Ground-flash points of winter lightning on radar echo diagrams in Hokuriku District 23154
Minowa, M. *see* Ohishi, Y. 33913
Minowa, T. *see* Kusunoki, M. 43250
Minowa, Y. *see* Nemoto, K. 35702
Minsek, D.W. *see* Lee, S.S. 41468
Minson, R. *see* Slemmons, W. 9267
Minten, K., Kitchens, K., Cisson, J. PWB interconnect strategy using a full build electroless copper plating system. IV. The future of the FBE process 42295
Minten, K. *see* Cisson, J. 1714
Minten, W., Vanvuchelen, P., De Moor, B. Modeling of an electronically controlled continuously variable transmission 25921
Mints, M.Ya., Prilepskii, E.D. Using image discretization to solve the object-reconstruction problem 45135
Mintsev, V.B. *see* Karpushin, Yu.V. 40388
Minty, M., Brown, R., Decker, F.-J., Emma, P., Krejcik, P., Limberg, T., McCormick, D., Ross, M., Siemann, R., Spence, W. Using a fast-gated camera for measurements of transverse beam distributions and damping times 15342
Minty, M. *see* Decker, F.J. 15369
Minty, M.G., Lee, S.Y. Effects of the $G\gamma=2$ imperfection resonance on the spin motion [IUCF Cooler] 7043
Minty, M.G. *see* Caussyn, D.D. 7026
Minty, M.G. *see* Caussyn, D.D. 38778
Minty, M.G. *see* Ellison, M. 38779
Minty, M.G. *see* Huang, H. 23976
Minty, M.G. *see* Lee, S.Y. 7040
Minty, M.G. *see* Li, D. 6973
Minty, M.G. *see* Stege, R.E., Jr. 15348
Mintz, M. *see* Mandelbaum, R. 32131
Mintzer, F., Pariser, T.E. Porting a calibrated color image across corporate boundaries 29764
Minuhin, V.B. A general solution for the field of polygonal electromagnet 44267
Minutolo, F.M.C. *see* Daurelio, G. 21134
Minwang Qiu *see* Qiu Minwang
Minxian Wu *see* Guofan Jin 22122
Minxun Chen *see* Zhifeng Zhuang 8402
Minyou Hu *see* Hu Minyou
Mio, N., Mei-Fei Ko, Wei-Tou Ni, Sheau-shi Pan, Araya, A., Moriwaki, S., Tsubono, K. Design of a stabilized He-Ne laser by using a thin-film heater 11934
Mio, S. *see* Hiroi, T. 17950
Miodushevskii, P.V. *see* Statnikov, R.B. 218
Miotello, A. *see* Laidani, N. 10810
Miotkowski, I. *see* Glod, P. 42408
Miozza, M. *see* Bocciolini, M. 24082
Mir, S.A., Zinger, D.S., Elbuluk, M.E. Fuzzy controller for inverter fed induction machines 40194
Mira, C. Nonlinear dynamics, chaos and signal 13397
Mirabella, O. *see* Cavalieri, S. 22639
Mirabella, O. *see* Cavalieri, S. 30173
Mirabella, O. *see* Cavalieri, S. 37484
Mirabelli, G., Petrolo, E., Valente, E., Cardarelli, R., Santonico, R., Ferrer, M.L. A GaAs transceiver chip for optical data transmission 14578
Mirabelli, G. *see* Dionisi, C. 7222
Mirabelli, G. *see* Ferrer, M.L. 46984
Miracky, R. *see* Muller, H. 9309
Miraldi, F. *see* Nelson, A.D. 24251
Miramonti, G. *see* Gazzana Priaroggia, P. 7966
Miranda, F.A., Toncich, S.S., Bhasin, K.B. Performance of two-pole bandpass filters photodefined on double-sided Y-Ba-Cu-O and Tl-Ba-Ca-Cu-O thin films 1404
Miranda, F.A. *see* Toncich, S.S. 27136
Miranda, J. *see* Guerra, F. 22345
Miranda, J. *see* Guerra, F. 30469
Miranda, J.M. *see* Sebastian, J.L. 27241
Miranda, R. *see* Kirby, M. 33860
Miranda, V. Using fuzzy reliability indices in a decision aid environment for establishing interconnection and switching location policies 24882
Mirande, W. *see* Geuther, H. 31472
Mirandola, P. *see* Campesato, R. 6435
Mirandola, P. *see* Casa, G. 16220
Miraoui, A., Lin De Fang, Kauffmann, J.M. Performance analysis of permanent magnet brushless DC motor 8446
Miraoui, A. *see* Glises, R. 8362
Mirasso, C.R., Pesquera, L., Mecozzi, A. Pulse-to-pulse frequency jitter in diode lasers and soliton transmission 45990
Mirasso, C.R. *see* Balle, S. 3629
Mirasso, C.R. *see* Colet, P. 12117
Mirau, P.A., Johnson, G.E., Koegler, G. Dielectric and NMR studies of the structure and dynamics of semicrystalline poly(ethylene oxide) 35100
Mircea, A. *see* Chelles, S. 35487
Mircea, A. *see* Devaux, F. 35619
Mircea, A. *see* Mathoorasing, D. 35781
Mircevski, S.A. *see* Sahpaski, B.V. 17646
Mirchandani, V. *see* Kasap, S.O. 18367
Miremadi, J. *see* Lau, J. 42296
Mireshghi, A. *see* Cho, G. 7181
Mireshghi, A. *see* Gyuseong Cho 31791
Mireshghi, A. *see* Lee, H. 31232
Mirfakhraei, N. Wafer-scale integration as a technology choice for high speed ATM switching systems 45705
Mirgazov, V.A. *see* Ivanov, V.I. 18352
Mirhakkak, M. A distributed system security architecture: applying the transport layer security protocol 22507
Miri, S.M., Lu, F., Randall, B.E. Design of low-leakage power supply transformers for high-precision electronic instruments 16912
Miri, S.M., Privette, A. A survey of incipient fault detection and location techniques for extruded shielded power cables 47522
Miridonov, S. *see* Khomenko, A. 15068
Miridonov, S. *see* Khomenko, A. 31245
Miridonov, S.V., Khomenko, A.V., Tentori, D., Kamshilin, A.A. Information capacity of holograms in photorefractive crystals 44170
Mirin, R., Krishnamurthy, M., Ibbetson, J., Gossard, A., English, J., Petroff, P. Temperature dependent quasi-periodic facetting of AlAs grown by MBE on (100) GaAs substrates 18161
Mirin, R. *see* Dudley, J.J. 20828
Mirin, R. *see* Dudley, J.J. 28819
Mirin, R. *see* Dudley, J.J. 43830
Mirin, R.P. *see* Nagarajan, R. 3607
Mirin, R.P. *see* Wenbin Jiang 20804
Mirkovski, Ya. *see* Aksinenko, V.D. 46967
Mirnyi, S.V., Skrypnik, L.V. External parameters of an eight-port bridge in waveguide slot lines 10409
Miro-Julia, J. LAN distributed fault-tolerance 30471
Miro-Sans, J.M. *see* Pala-Schonwalder, P. 29223
Miron, A. *see* Yo-Sung Ho 30990
Mironas, A. *see* Ambrazeviciene, V. 15109
Mironas, A. *see* Brazis, R. 42372
Mironchenko, N.B. *see* Ptashchenko, A.A. 43895
Mironov, B.M. *see* Mansurov, V.V. 6100
Mironov, I.A. *see* Petrovskii, G.T. 20238
Mironov, M.A. Optimum discrete processing of continuous random processes 13200
Mironov, M.K. *see* Bachurin, A.E. 46154
Mironov, R.P., Kunchev, R.K. Adaptive error diffusion method for image quantisation 13522
Mironov, S.A., Orobinskiy, S.P., Bogatyrev, A.I., Tsvetkov, A.V. A fiber-optic pressure sensor 15057
Mironov, V. *see* Kaminskii, A.A. 43761
Mironov, V.V. Warranted-accuracy processing of spectral series under arbitrary noise correlation 13276
Mironov, Yu.M. *see* Leonov, V.V. 40669
Mironov, Yu.V., Nikitin, Yu.M., Fomicheva, T.I., Domoradov, E.A. An analysis of the dynamics of the RBMK-1000 reactor for rupture of the pressurized collector at low power 47692
Miropolskiy, Yu.F., Nikolotov, V.N. A phase synchronizer for a quadrature correlator 34136
Miroshnichenko, S.I. *see* Belov, A.V. 35353
Miroshnichenko, S.I. *see* Belov, A.V. 38006
Miroshnichenko, V.A. *see* Kosolap, D.N. 20957
Miroshnikova, T.V. *see* Sverdlov, Y.L. 12592
Mirotznik, M.S., Engheta, N., Foster, K.R. Heating characteristics of thin helical antennas with conducting cores in a lossy medium. I. Noninsulated antennas 36401
Mirotznik, M.S., Engheta, N., Foster, K.R. Heating characteristics of thin helical antennas 39086
Mirra, C. *see* Fracassi, G.L. 24915
Mirsagatov, Sh.A., Rozikov, Kh., Madrakhimov, Kh.O. Ultraviolet photocells based on solid solutions of A^2B^6 semiconductor compounds 25685
Mirsagatov, Sh.A., Shamirzaev, S.Kh., Kamalov, A.N., Makhmudov, M.A., Shamirzaev, T.G. Effective intergrain surface states in polycrystalline CdTe films 33037
Mirsalehi, Mir.M. *see* Rhee, U.-S. 3921

Mirshekar-Syahkal, D. Computer evaluation of equivalent circuit of coplanar waveguide T-junction 42229
Mirshekar-Syahkal, D., Pote, A. Characteristics of a coplanar waveguide HEMT mount on GaAs substrate 19127
Mirshekar-Syahkal, D., Sadeghi, S.H.H. Surface magnetic field measurement technique for nondestructive testing of metals 33771
Mirshekar-Syahkal, D., Ofosu, W.K. Analysis of open-end slot-line for examining radiation mechanisms of constant width and tapered slot antennas 29304
Mirtchev, T. *see* Minkovski, N. 35362
Mirth, G. *see* Dusa, M. 6781
Mirth, G. *see* Dusa, M.V. 2355
Mirumyants, S.O., Pryakhin, Yu.A. Studies on integrated optics at the State Institute of Applied Optics Scientific Manufacturing Organization 43505
Mirumyants, S.O. *see* Andrianov, S.N. 11651
Mirumyants, S.O. *see* Martsinovskii, V.A. 14662
Mirza, A. *see* Horning, R.D. 42678
Mirza, M.J. *see* Boyer, K.L. 29752
Mirzababaev, R.M. Resonant detector of γ-quanta with thin converter 47020
Mirzabaev, M., Rasulov, K., Komilov, A. Some peculiarities of multi-element photoconverter systems under bilateral illumination 33041
Mirzabaev, M., Rasulov, K., Komilov, A., Tashkhodzhaeva, S.T. Investigation of solar cells based on AlGaAs-GaAs systems obtained by combination of diffusion from gas phase and liquid-phase epitaxy 25677
Mirzabaev, M., Rasulov, K., Komilov, A., Tashkhodzhaeva, S.T., Yusupova, R.D. Monolithic high-voltage photovoltaic generators based on GaAs-AlGaAs systems 40478
Mirzakarimov, B.A. *see* Konev, Yu.B. 11960
Mirzakarimov, B.A. *see* Konev, Yu.B. 43729
Mirzapour, S. *see* Rozati, S.M. 872
Mirzapour, S. *see* Rozati, S.M. 33678
Mirzoeva, L.A., Belousov, A.M., Merzlutin, E.J., Chekin, S.G. Software for optimization of optoelectronics multisensor systems characteristics 32160
Mirzoeva, L.A., Belousov, A.M., Merzlutin, E.J., Chekin, S.G. Adaptive on-board information processing of optical-electronic systems with fixed computer for detection of point target signals in complex background 32161
Mirzojan, A.N. *see* Birukov, I.N. 7104
Misago, T. *see* Jitsuhara, S. 40056
Misaizu, S. *see* Tsuda, T. 45910
Misaka, A. *see* Harafuji, K. 18702
Misaki, T. *see* Tsuboi, H. 12524
Misaki, Y. *see* Kamasaki, S. 48077
Misale, P. *see* Capuano, M. 47085
Misawa, N., Ferry, D.K. Electrical characterization of CVD tungsten wires 2223
Misawa, S. *see* Okumura, H. 41367
Misawa, S. *see* Wada, T. 27537
Misawa, S. *see* Yoshikawa, M. 19454
Miscault, J.C.de *see* de Miscault, J.C.
Mischev, I.T. *see* Guelev, M.G. 32003
Mischke, W. *see* Brandt, G.-A. 24178
Miserey, F. *see* Kerboua, H. 2494
Misevich, O.V. *see* Drobyshev, G.Yu. 15687
Mish, K.D., Haws, L. A generic finite element model for plane problems 41201
Mishakov, G.V. *see* Deryugin, A.A. 18281
Mishara, U. *see* Witt, G.L. *(editor)* 68
Misharev, A.D. *see* Semenov, G.A. 9620
Mishchenko, G.M. *see* Pavlovskii, A.I. 28713
Mishchenko, V.N. *see* Murav'ev, V.V. 20125
Misheloff, M.N. Improved modelling and characterization system for logic simulation 18687
Mishida, M., Hayashi, K., Yoshimura, N., Ohtsuka, K. Estimation of category mixture rate in mixed pixel of boundary area using fuzzy inference 13504
Mishima, O. *see* Taniguchi, T. 34554
Mishima, S. *see* Sugiyama, Y. 11593
Mishima, T. *see* Kudo, M. 26408
Mishima, T. *see* Takayama, Y. 36013
Mishima, Y., Takei, M., Matsumoto, N. Ion shower doping in polycrystalline silicon 34973
Mishima, Y., Takei, M., Matsumoto, N., Uematsu, T. Implantation temperature effect on polycrystalline silicon by ion shower doping 19534
Mishin, A.V. Iris hole rounding influence on the disk loaded waveguide parameters 7077
Mishin, D.D., Kulikov, F.S., Sobko, S.P. Synchronous machine based on magnets made from neodymium-iron-boron alloy 16818
Mishkinis, R. *see* Pozhela, J. 43240
Mishnayevskiy, P.A. *see* Gordon, G.I. 28783
Mishra, A. Metropolitan area networks (MANs): requirements and standards 22529
Mishra, A.K., Chandrasekaran, A. Power transfer capability of six-phase power system under fault conditions 47347
Mishra, C.S., Harfoush, F. Study of stability of beam in the Fermilab Main Injector 38782
Mishra, D.K., Chandwani, M., Jain, A. CCD camera based automatic measurement of area and volume of 3-D objects 38709
Mishra, K. *see* Buczkowski, A. 3314
Mishra, M.K. Maintenance of NEAX-61S exchange 45721
Mishra, N.H., Jha, L. Theoretical study of the input impedance of a rectangular microstrip antenna 29323
Mishra, P.P., Tripathi, S.K. Dynamic bandwidth allocation in high speed integrated service networks 5604
Mishra, P.P. *see* Kanakia, H. 30165
Mishra, S. *see* Kashyap, S. 46033
Mishra, S.K. *see* Mukherjee, R.N. 41099
Mishra, S.K. *see* Tripathi, L.N. 20517
Mishra, S.R. *see* Auchincloss, P.S. 46953
Mishra, S.R. *see* Kinnel, T.S. 38880
Mishra, S.R. *see* Trueman, C.W. 41221
Mishra, S.S. *see* Barua, K. 23547
Mishra, U. *see* Larson, L. 34239
Mishra, U.K. Applications of GaAs grown at a low temperature by molecular beam epitaxy 18186
Mishra, U.K., Kolbas, R.M. Electronic and optoelectronic applications of materials grown at a low temperature by MBE 743
Mishra, U.K. *see* Hashemi, M.M. 19891
Mishra, U.K. *see* Hashemi, M.M. 43003
Mishra, U.K. *see* Ibbetson, J.P. 2438
Mishra, U.K. *see* Jiang, W.-N. 10605
Mishra, U.K. *see* Shealy, J.B. 43012
Mishra, U.K. *see* Tian, H. 35024
Mishra, U.K. *see* Trew, R.J. 2595
Mishra, U.K. *see* Wei Nan Jiang 19737
Mishra, U.K. *see* Yin, L.-W. 2548
Mishra, U.K. *see* Yin, L.-W. 35017
Misiak, A. *see* Ernst, J. 31659
Misiakos, K., Tsamakis, D. Electron and hole mobilities in lightly doped silicon 42855
Misiakos, K. *see* Kavadias, S. 7158
Misiakos, K. *see* Kavadias, S. 11131
Misiura, A. *see* Harrison, H.B. 2177
Misk, F. *see* Blondel, J.-P. 43793
Miska, R.A. *see* Chang, J.J.C. 22855
Mis'kevich, A.I. *see* Mavlyutov, A.A. 20643
Miskin, M. Integrating connectors & cabling 34316
Misljenovic, B., Simic, J. Some solutions for increasing electromagnetic compatibility in the railways in the context of the European Community new standards on EMC 17552
Misra, D., Wang, B. Three-dimensional magnetic sensors in BiCMOS technology 46414
Misra, K., Misra, V. A procedure for solving general integer programming problems 9438
Misra, K.B. *see* Soman, K.P. 33436
Misra, P., Bayliss, E., Lafrey, R., Pratt, M., Muchnik, R. Receiver autonomous integrity monitoring (RAIM) of GPS and GLONASS 38182
Misra, R.B. *see* Patra, S. 452
Misra, R.S. *see* Shukla, A.K. 27244
Misra, T.N. *see* Pal, P. 38737
Misra, U.K. *see* Shealy, J.B. 28191
Misra, V. *see* Hattangady, S. 2174
Misra, V. *see* Hattangady, S. 27690
Misra, V. *see* Johnson, F.S. 19582
Misra, V. *see* McLarty, P.K. 26499
Misra, V. *see* Misra, K. 9438
Misra, V. *see* Xu, X. 835
Misra, V. *see* Xu, X.-L. 9704
Misra, V. *see* Xu, X.-L. 9724
Missaggia, L.J. *see* Choi, H.K. 28861
Missaggia, L.J. *see* Donnelly, J.P. 28870
Missaggia, L.J. *see* Walpole, J.N. 20824
Missele, C. Subtleties of stencil printing solder 19233
Missell, F.P. *see* Taylor, D.W. 35218
Misser, H.S. *see* Wijffels, C.A.F.J. 22845
Missert, N. *see* Reintsema, C.D. 28405
Misson, H., Charruau, S., Moulondo, J.C., Touboul, A. Designing EMC-free multilayered substrates within the MENTOR GRAPHICS CAD system 19206
Missous, M., O'Hagan, S. Nonstoichiometry and dopants related phenomena in low temperature GaAs grown by molecular beam epitaxy 41325
Missous, M., Taskin, T. Very low resistance nonalloyed and in situ ohmic contacts to n-GaAs using δ-doped surface layers 19417
Missous, M. *see* Dobaczewski, L. 9553
Missous, M. *see* Dobaczewski, L. 10736
Missous, M. *see* Pilkington, S.J. 19738
Mistretta, I. *see* Jongejans, A. 37929
Mistry, K.R. *see* Doyle, B.S. 19840
Mistry, N. *see* Allen, C. 3950
Misukanis, G., Morin, J. Channel extenders: the link to long-distance DASD 30477
Misun, J. *see* Kulla, P. 38560
Misun, J. *see* Sevcik, P. 36944
Misyura, V.A. *see* Gubarev, A.A. 32095
Misztal, Z. *see* Gaglia, B.N. 39940
Mita, J. *see* Sekido, Y. 11857
Mita, K. *see* Fujita, H. 8633
Mita, N. A 100-W output ultra wide-band helix-type travelling-wave tube in the 30-GHz band 30668
Mita, S. *see* Goto, K. 20287
Mita, S. *see* Ide, H. 20425
Mita, S. *see* Maeda, T. 20424
Mita, Y., Hirama, K., Ando, N., Yamamoto, H., Shionoya, S. Luminescence processes in Tm^{3+}- and Er^{3+}-ion-activated, Yb^{3+}-ion-sensitized infrared upconversion devices 3344
Mita, Y. *see* Ishihara, K. 16963
Mital, D.P., Chin, T.C., Kam, S.H., Khor, E.E. A microcomputer-based 2-axis stepper motor motion control system 8464
Mital, D.P. *see* Khwang, T.E. 26224
Mital, D.P. *see* Lim, A.W.T. 5022
Mital, D.P. *see* Lim, A.W.T. 29991
Mital, D.P. *see* Lim, A.W.T. 36955
Mital, D.P. *see* Teoh, E.K. 9337
Mital, D.P. *see* Teoh, E.K. 33424
Mital Dinesh Prakash *see* Dinesh Prakash Mital
Mitani, H. *see* Makikawa, M. 38409
Mitani, I. Hirose's coaxial connectors evolve from miniature to surface-mount formats 34311
Mitani, K., Imamura, Y. Selective W deposition on GaSb layers using SiH_4 reduction of WF_6 10981
Mitani, M. *see* Takeuchi, H. 48453
Mitani, T. *see* Saito, Y. 2605
Mitani, Y., Tsuji, K. A method for analysis of back swing phenomena of synchronous machine in multi-machine power systems 16808
Mitani, Y., Tsuji, K., Murakami, Y. Coordinated stabilizing control for large-scale interconnected power systems, by superconducting magnetic energy storage unit and power system stabilizers 24819
Mitani, Y. *see* Nakasako, N. 21801
Mitarai, K. *see* Shimatsu, T. 28357
Mitarai, S. *see* Morikawa, T. 7208
Mitatha, S. *see* Dejhan, K. 18520
Mitchel, W.C., Jimenez, J. Photocurrent transients in semi-insulating GaAs, effects of EL2 and other defects 42421
Mitchell, A. Adventures in serial communications 37457
Mitchell, C.J., Paterson, K.G. Decoding perfect maps 29461
Mitchell, C.M. *see* Narayanan, S. 17820
Mitchell, D.J. *see* Snyder, A.W. 21041
Mitchell, D.L., Gubser, D.U. Induction-drive magnetohydrodynamic propulsion 8917
Mitchell, D.L. *see* Gubser, D.U. 11548
Mitchell, E.E. *see* Mellor, C.J. 42720
Mitchell, G.S. *see* Abbott, B. 31776
Mitchell, H.B., Zilverberg, N., Avraham, M. A comparison of different block truncation coding algorithms for image compression 45085
Mitchell, H.B. *see* Weitzman, A. 4869
Mitchell, I.V. *see* Huang, L.J. 10878
Mitchell, I.V. *see* Simpson, P.J. 10835
Mitchell, J., Ferne, A. Concatenation of bit rate reduction systems in a news & current affairs broadcast chain 46177
Mitchell, J. *see* Behrens, U. 31736
Mitchell, J. *see* Whitaker, L.A. 4583
Mitchell, J.A., Reddy, J.N. Study of the effect of embedded piezoelectric layers in composite cylinders 28330
Mitchell, J.H. *see* Zondervan, A. 46867
Mitchell, K.W. Renaissance of Czochralski silicon photovoltaics 48120
Mitchell, N.C. A model for attenuation of backscatter due to sediment accumulations and its application to determine sediment thicknesses with GLORIA sidescan sonar 32078
Mitchell, N.F., O'Gorman, J., Hegarty, J., Connolly, J.C. Optical bistability in asymmetric Fabry-Perot laser-diode amplifiers 36024
Mitchell, P. *see* Adcock, P. 48392
Mitchell, P. *see* Adcock, P. 48421
Mitchell, P. *see* Kessler, D.H. 8183
Mitchell, P.V., Gaeta, C.J., O'Meara, T.R., Pepper, D.M., Schiller, C.M., Horsky, T.N., Warde, C. Single-pixel demonstration of innovative adaptive optics by use of a charge-transfer membrane light modulator 3279
Mitchell, R. Understanding FPGA and high density PLD (HDPLD) benchmarks 26826
Mitchell, R. *see* Conder, A. 6573
Mitchell, R. *see* Feldman, C.L. 24308
Mitchell, R.A. *see* Hermann, D.J. 5087
Mitchell, R.H. *see* Escalona, O.J. 7453
Mitchell, S. *see* Comaskey, B. 20713
Mitchell, T.A., Sarhadi, M. Optimising convolution based edge operators for texture boundary detection 13687
Mitchell, T.L., Gay, W.D. An efficient image coding implementation using the quadtree algorithm 45154
Mitchell, T.L., Marx, K.T. Measurement and analysis of key and frame processing time in a communications controller 45413
Mitchell, T.L., Tillman, J.M. An object-oriented implementation of a computer network architecture 45593
Mitchell, T.M. *see* Mahadevan, S. 1121
Mitchell, W.J., Xie, J., Weinberg, W.H. Calibration of type-C thermocouples to liquid helium temperature 14959
Mitescu, I., Gabroveanu, R. Multiplexing of the high quality radio channels within the primary flux PCM-2048 kbit/s 37719
Mitev, P.H. *see* Anderson, W.R. 19470
Mitev, V.A. *see* Tenchov, C. 9725
Mitic, D.B. *see* Iskrenovic, P.S. 38474
Mitiguy, R. *see* Grajew, G. 37613
Mitin, V., Gruzinskis, V., Starikov, E., Shiktorov, P. Submillimeter wave generation and noise in InP diodes 27245
Mitin, V. *see* Bannov, N. 27530

Mitin, V. *see* Gruzinskis, V. 19024
Mitin, V. *see* Mickevicius, R. 10715
Mitin, V. *see* Mickevicius, R. 27539
Mitin, V.I. *see* Anikanov, S.S. 47674
Mitiyoshi, S. *see* Matzuo, H. 22264
Mitkas, P.A., Feld, S.A., Beyette, F.R., Jr., Wilmsen, C.W. Optical digital comparison unit for equal-to, less-than, and greater-than determination 35534
Mitkas, P.A., Feld, S.A., Irakliotis, L.J., Wilmsen, C.W. An optical data filter for selection and projection 20478
Mitkas, P.A., Irakliotis, L.J., Beyette, F.R. Jr., Feld, S.A., Wilmsen, C.W. Optoelectronic data filter for selection and projection 43567
Mitkas, P.A., Spence, D.A. OPSSIM: an optical systems simulator 22288
Mit'kovskaya, L.P. *see* Boiko, B.B. 44263
Mitkowski, E., Grzybowski, A., Plenzler, G., Stiller, J. The quality of electric energy transmitted from MHD generator to electric power system through a thyristor inverter 25842
Mitlehner, H. *see* Brunner, H. 1040
Mito, H. *see* Tani, Y. 27854
Mito, I. *see* Christensen, B. 30835
Mito, I. *see* Christensen, B. 38081
Mito, I. *see* Kitamura, M. 12159
Mito, I. *see* Sasaki, T. 706
Mito, I. *see* Sasaki, T. 3402
Mito, K., Ohue, H., Fukuda, T., Fujii, H., Kasahara, E. Measurements of gain profile in COIL using a tunable laser diode 12004
Mito, T. *see* Kawabata, S. 47534
Mitoh, H. *see* Yamashita, A. 35045
Mitoma, T. *see* Miyamoto, S. 34050
Mitomi, O., Wakita, K., Kotaka, I. Chirping characteristic of electroabsorption-type optical-intensity modulator 43532
Mitomi, O. *see* Kasaya, K. 11893
Mitomi, O. *see* Naganuma, M. 30734
Mitousek, O. *see* Dolezal, J. 32380
Mitra, A., Patankar, J.G. An integrated multicriteria model for warranty cost estimation and production 217
Mitra, B. *see* Mehendale, M. 41839
Mitra, D. An asynchronous distributed algorithm for power control in cellular radio systems 45808
Mitra, D. *see* Elwalid, A.I. 5299
Mitra, M., Das, M., Kar, S., Roy, S.K. A study of the electrical series resistance of silicon IMPATT diodes 10454
Mitra, M., Ganguly, A., Roy, S.K., Banerjee, J.P. Experimental studies on the process steps for fabrication of IMPATT diodes and corresponding study of the DC breakdown voltage 27227
Mitra, M., Goswami, B., Basu, S.K., Basu, D.K., Nag, B., Mitra, T.K. Design of a real-time software notch digital filter 27085
Mitra, M. *see* Goswami, B. 15869
Mitra, P. *see* Chattopadhyay, K.K. 33724
Mitra, P. *see* Dasgupta, P. 43079
Mitra, R. *see* Jin-Fa Lee 34230
Mitra, S. Vision models for 3D surfaces 36790
Mitra, S., Nag, S.K., Rutenbar, R.A., Carley, L.R. System-level routing of mixed-signal ASICs in WREN 26608
Mitra, S., Plank, L.D., Hill, G.L. Calibration of a prompt gamma in vivo neutron activation facility for direct measurement of total body protein in intensive care patients 31875
Mitra, S., Thiebaut, D. Randomized routing for message passing using virtual channels: the 'inebriated router' algorithm 5159
Mitra, S. *see* Avadhanam, N. 29870
Mitra, S. *see* Dutta, A. 13987
Mitra, S. *see* Dutta, A. 37510
Mitra, S. *see* Pemmaraju, S. 36796
Mitra, S. *see* Riff, E.J. 6254
Mitra, S.K., Chakrabarti, S., Abreu, E. Nonuniform discrete Fourier transform and its applications in signal processing 13456
Mitra, S.K., Creusere, C.D., Babic, H. Perfect transmultiplexers using IIR filter banks 13406
Mitra, S.K., Mahalonobis, A., Saramaki, T. A generalized structural subband decomposition of FIR filters and its application in efficient FIR filter design and implementation 10299
Mitra, S.K. *see* Li, H. 30008
Mitra, S.K. *see* Lightstone, M. 10334
Mitra, S.K. *see* Lightstone, M. 30067
Mitra, S.K. *see* Mahalanobis, A. 10300
Mitra, S.K. *see* Petraglia, M.R. 10298
Mitra, S.K. *see* Thurnhofer, S. 30054
Mitra, T. *see* Vishvakarma, B.R. 29367
Mitra, T.K. *see* Goswami, B. 15869
Mitra, T.K. *see* Mitra, M. 27085
Mitra, U., Poor, H.V. Analysis of an adaptive decorrelating detector for synchronous CDMA channels 22784
Mitra, U., Poor, H.V. Adaptive receiver algorithms for near-far resistant CDMA 37712
Mitra, U. *see* Rajagopalan, S. 34789
Mitrani, I., Puhalskii, A. Limiting results for multiprocessor systems with breakdowns and repairs 9385
Mitrofanov, A. *see* Shmaenok, L. 28026
Mitrofanov, O.A. *see* Kandidov, V.P. 11928
Mitrofanova, E.V. *see* Izmailov, A.M. 18526
Mitrofanova, N.N. *see* Vysogorets, M.V. 46457
Mitropol'skii, O.V. *see* Betin, A.A. 44039
Mitropolsky, O.V. *see* Bespalov, V.I. 3883
Mitropol'sky, O.V. *see* Bespalov, V.I. 21055
Mitrou, N.M., Koukos, A.K. An effective-rate enforcement algorithm for ATM traffic and its hardware implementation 13860
Mitrou, N.M. *see* Kontovasilis, K.P. 45317
Mitsa, T., Varkur, K.L., Alford, J.R. Frequency-channel-based visual models as quantitative quality measures in halftoning 29763
Mitschke, F. *see* Steinmeyer, G. 3486
Mitschke, F. *see* Steinmeyer, G. 21083
Mitsel, A.A. *see* Kataev, M.Yu. 26267
Mitselmakher, G. *see* Kendall, H.W. 46970
Mitsis, A. *see* Loizos, Z. 791
Mitsubori, S., Miyamoto, H., Sampo, Y., Emori, T., Orimo, T., Murata, T. MUSE decoder with BS/CS scramble decoders 14791
Mitsuda, K., Murahashi, T., Matsumoto, M., Usami, K. Study of CO poisoning in a phosphoric acid fuel cell using a single cell with multi-reference electrodes 48100
Mitsuda, M. *see* Ohya, J. 3568
Mitsue, M. *see* Zhan, Q. 4784
Mitsugi, J. *see* Uyematsu, T. 30823
Mitsuhara, M., Okamoto, M., Iga, R., Yamada, T., Sugiura, H. InP and related compounds grown on (110) InP substrates by metalorganic molecular beam epitaxy (chemical beam epitaxy) 41333
Mitsuhashi, A. *see* Tanaka, Y. 27667
Mitsuhashi, H. *see* Kamata, A. 19500
Mitsuhashi, K. *see* Ikeda, H. 24089
Mitsuhashi, K. *see* Kotaki, H. 42763
Mitsuhashi, R., Aoki, Y. A method of image reconstruction for snow search radar using an estimated permittivity of snow 46073
Mitsuhashi, T. *see* Ejiri, K. 35232
Mitsuhashi, T. *see* Kuribayashi, M. 18614
Mitsui, H. *see* Itahashi, S. 43190
Mitsui, H. *see* Kobayashi, J. 40293
Mitsui, H. *see* Kuboyama, Y. 42348
Mitsui, H. *see* Nagaki, Y. 11337
Mitsui, H. *see* Nagaki, Y. 43149
Mitsui, H. *see* Sato, S. 43165
Mitsui, K. *see* Grajew, G. 37613
Mitsui, K. *see* Kunikiyo, T. 42967
Mitsui, S., Itoh, M., Moel, A., Gomei, Y. Study on X-ray mask distortion applying direct bonding to frame mounting 27857
Mitsui, S. *see* Arimoto, S. 12177
Mitsui, S. *see* Ishihara, T. 33063
Mitsui, S. *see* Kuragaki, T. 19425
Mitsui, S. *see* Moel, A. 27861
Mitsui, S. *see* Nakahara, K. 1595
Mitsui, Y. *see* Ishikawa, T. 34248
Mitsui, Y. *see* Ishikawa, T. 35035
Mitsui, Y. *see* Nakahara, K. 1595
Mitsui, Y. *see* Yamamoto, K. 10027
Mitsui Shin-ichi *see* Shin-ichi Mitsui
Mitsuishi, M. *see* Takahashi, H. 26930
Mitsuishi, S. Power relay performance improves as sizes drop to sub-mini formats 10547
Mitsumoto, H., Imai, K. GaAs FET direct frequency-modulators for 42-GHz-band HDTV radio cameras and 7-GHz-band field pick-up transmitters 6232
Mitsumoto, H. *see* Mizuno, H. 14801
Mitsunaga, K. *see* Toyoda, T. 15196
Mitsunaga, Y. *see* Kuwabara, T. 6093
Mitsunaga, Y. *see* Kuwabara, T. 11583
Mitsunobu, S., Asano, K., Furuya, T., Ohara, M., Tajima, T., Takahashi, T., Ishi, Y., Kijima, Y. Superconducting cavity development for KEK B-factory 6996
Mitsuoka, K. *see* Narumi, S.-i. 43310
Mitsuoka, Y. *see* Iwaki, T. 13512
Mitsushima, S. *see* Iwase, Y. 48105
Mitsuya, Y. Chip EMI filters keep noise out of transmissions, communications 27041
Mitsuyu, T. *see* Karasawa, T. 12229
Mitsuyu, T. *see* Ohkawa, K. 3679
Mitsuyu, T. *see* Tsujimura, A. 12230
Mitsuyu, T. *see* Tsujimura, A. 35830
Mitsuyu, T. *see* Yoshii, S. 12231
Mitsuzuka, T. *see* Suzuki, K. 1615
Mittal, S. *see* Rajagopalan, S. 34789
Mittelbach, G. *see* Hannes, K. 47730
Mittelstadt, B. *see* Kazanzides, P. 24370
Mitter, C.S., Hefner, A.R., Chen, D.Y., Lee, F.C. Insulated gate bipolar transistor (IGBT) modeling using IG-SPICE 35009
Mitter, S.K. *see* Kulkarni, S.R. 4588
Mitter, V. A possible approach to multilayer manufacture to enhance solderability and shelf life 1715
Mitterreiter, I. *see* Kleinschmidt, P. 22259
Mittig, W., Fernandez, B., Gillibert, A. Shimming of high resolution magnetic spectrographs: a new analytical and numerical method 21174
Mittiga, A. *see* Morosanu, C. 31771
Mittl, S.W. *see* Strong, A.W. 35083
Mittleman, S. *see* Witmer, S.B. 2471
Mittler-Neher, S. *see* Otomo, A. 21002
Mittlestadt, B. *see* Paul, H.A. 24369
Mittlestadt, W. *see* Urbanek, J. 25605
Mittmann, U. *see* Hafner, F. 8911
Mittra, R. Direct Maxwell solvers in time and frequency domains [EM scattering] 12582
Mittra, R., Harms, P.H. A new finite-difference time-domain (FDTD) algorithm for efficient field computation in resonator narrow-band structures 1468
Mittra, R. *see* Aoyagi, P.H. 18112
Mittra, R. *see* Bouche, D.P. 30892
Mittra, R. *see* Gordon, R.K. 4349
Mittra, R. *see* Kosanovich, S. 1601
Mittra, R. *see* Kouki, A.B. 18954
Mittra, R. *see* Mahadevan, K. 23115
Mittra, R. *see* Michielssen, E. 19012
Mittra, R. *see* Wang, J.S. 1602
Mittra, R. *see* Webb, D.B. 21227
Mitwalsky, A. *see* Cerva, H. 43036
Miu, K.N. *see* Hsiao-Dong Chiang 32200
Miura, A. *see* Mizuno, F. 9327
Miura, A. *see* Yamamoto, Y. 25966
Miura, A. *see* Yamamoto, Y. 25977
Miura, H., Hosono, H. Glass-fibre separators for valve-regulated batteries 40421
Miura, H., Kunieda, T. OAM function of transmission equipment for next generation network operation 30324
Miura, H. *see* Hashimoto, C.M. 19869
Miura, H. *see* Hatori, M. 3242
Miura, I. *see* Takinami, N. 16318
Miura, K. *see* Gavali, S. 324
Miura, K. *see* Itagaki, M. 17862
Miura, K. *see* Itoh, K. 20329
Miura, K. *see* Nakagawa, G. 20374
Miura, K. *see* Ofosu-Amaah, W. 8625
Miura, M. *see* Makishi, Y. 31837
Miura, M. *see* Suzuki, M. 20428
Miura, N., Kotegawa, R., Matsuo, M., Uchiyama, T. Second harmonic generation of chemical oxygen iodine laser 11950
Miura, N., Kotegawa, R., Matsuo, M., Uchiyama, T. Magnetic gain switching operation of chemical oxygen iodine laser 35668
Miura, N., Mese, N., Yoshino, S., Uchiyama, T. Second harmonic generation of chemical oxygen iodine laser 12012
Miura, N. *see* Anno, Y. 46529
Miura, N. *see* Hayden, R.K. 34578
Miura, N. *see* Shimizu, Y. 48078
Miura, N. *see* Yao, S. 6648
Miura, O., Inoue, I., Suzuki, T., Matsumoto, K., Tanaka, Y., Funaki, K., Iwakuma, M., Yamafuji, K., Matsushita, T. The development of a 2.5 T/100 kV A AC superconducting magnet using a high-J_c NbTi superconducting wire having Nb artificial pins 2921
Miura, O., Miyazaki, K., Takahashi, A., Watanabe, R., Miwa, T. Fabrication of thin-film multilayer substrate using copper clad polyimide sheets 42316
Miura, O. *see* Matsumoto, K. 20169
Miura, R. *see* Morikawa, E. 14535
Miura, S. Maintenance projects at the RTRI 33117
Miura, S. *see* Kohno, M. 2349
Miura, S. *see* Sachdev, H. 28046
Miura, T. *see* Kajita, T. 11057
Miura, T. *see* Kurihara, M. 48059
Miura, T. *see* Nakano, M. 11360
Miura, T. *see* Okamura, M. 31560
Miura, T. *see* Shima, A. 3635
Miura, T. *see* Shima, A. 43907
Miura, T. *see* Sugimoto, H. 19554
Miura, Y., Kinoshita, K. Circuit design for built-in current testing 10089
Miura, Y., Matsushima, N., Ando, T., Kuno, S., Inoue, S., Ito, K., Mamiya, T. Pressure measurements with a precision of 0.001 ppm in magnetic fields at low temperatures 15241
Miura, Y., Wada, Y., Kinoshita, K. Design of testing circuit and test generation for built-in current testing 11313
Miwa, H. *see* Kako, E. 15505
Miwa, K., Shimomura, T. Definition of understanding potential score based on S-P chart and its experimental discussion 26093
Miwa, T. *see* Miura, O. 42316
Miwa, T. *see* Shirai, Y. 10595
Miwa, Y. *see* Kushihashi, Y. 15688
Miwada, K., Itoh, H., Yamamoto, H. A 100 MHz data-rate, 5000-element CCD linear image sensor 23721
Mixon, D.A., Novembre, A.E., Tai, W.W., Jurgensen, C.W., Frackoviak, J., Trimble, L.E., Kola, R.R., Celler, G.K. Patterning of X-ray masks using the negative-acting resist P(SI-CMS) 27966
Miya, K. *see* Nishimura, E. 43974
Miya, K. *see* Ogata, A. 6952
Miya, K. *see* Shirai, H. 4053
Miya, K. *see* Takeda, N. 11516
Miya, K. *see* Yoshida, Y. 6954
Miya, K. *see* Yoshii, K. 3349
Miya, K. *see* Yoshii, K. 38359
Miya, S., Yoshida, T., Kadoya, Y., Akamatsu, B., Noge, H., Kano, H., Sakaki, H. Electron beam-enhanced etching of InAs in Cl_2 gas and novel in situ patterning of GaAs with an InAs mask layer 2143
Miyabo, K. *see* Tanaka, K. 30548
Miyachi, I. *see* Yoda, M. 39387
Miyachi, M. Obstruction detector on a road-railway crossing using ultrasonic wave 16075
Miyachi, M. *see* Osa, A. 7151

Miyachi, T. *see* Uchiyama, H. 14460
Miyachi, T. *see* Uchiyama, H. 14505
Miyadera, H. *see* Fukushima, T. 47284
Miyadera, H. *see* Ichikawa, S. 47747
Miyagaki, A. *see* Hattori, K. 27910
Miyagaki, S., Ohkubo, S., Takai, K., Takagi, N., Kimura, M., Kikuchi, Y., Eshita, T., Takasaki, K. Crystal quality and surface morphology improvement of MOVPE-grown GaAs-on-Si using tertiarybutylarsine 9582
Miyagawa, K., Michihira, M., Yonemori, H., Nakaoka, M. Zero-voltage soft-switching discrete pulse modulated three-phase AC-DC power converter with power factor correction and its new digital control scheme 32917
Miyagawa, M. *see* Masaki, N. 25005
Miyagawa, M. *see* Satomi, M. 40373
Miyagawa, N., Gotoh, Y., Ohno, E., Nishiuchi, K., Akahira, N. Land and groove recording for high track density on phase-change optical disks 20268
Miyagawa, R. *see* Sasaki, M. 38563
Miyagi, E. *see* Miyagi, H. 18007
Miyagi, H., Miyagi, E., Yamashita, K. Solution of n input-output mixed-type fuzzy system equations 18007
Miyagi, H., Onaga, H., Yamashita, K. A multiple-criteria fuzzy decision-making method based on the AHP 18006
Miyagi, H. *see* Senjyu, T. 16907
Miyagi, H. *see* Yamashita, K. 1333
Miyagi, H. *see* Yamashita, K. 24663
Miyagi, M., Niinomi, T., Sasase, I., Mori, S. Selective repeat type-II hybrid FEC/ARQ systems using concatenated codes 29441
Miyagi, M. *see* Abe, S. 35421
Miyagi, M. *see* Baba, K. 11571
Miyagi, M. *see* Matsuura, Y. 20359
Miyagi, M. *see* Saito, M. 28481
Miyagi, S., Ogura, H., Takahashi, N. Estimation of noncausal stochastic model by means of whiteness 13582
Miyagoshi, T., Matsuda, H., Hatakeyama, T. A simplification method for logical expressions: MINI-LN 33994
Miyaguchi, S. *see* Morita, H. 12979
Miyahara, H. *see* Baba, K. 45275
Miyahara, H. *see* Kadobayashi, Y. 30443
Miyahara, H. *see* Oei, Y. 5170
Miyahara, H. *see* Sugano, M. 13855
Miyahara, H. *see* Wakamiya, N. 22320
Miyahara, H. *see* Youyang Wu 46957
Miyahara, J. *see* Takahashi, K. 38879
Miyahara, K., Kubo, S., Suzuki, M. Vortex flow characteristics of high-T_c flux flow transistors 20215
Miyahara, M. *see* Gan, Q. 22146
Miyahara, M. *see* Koike, T. 2858
Miyahara, S. Power generation technologies in Japan 32580
Miyahara, S. *see* Horikoshi, E. 1741
Miyahara, S. *see* Saitoh, Y. 7254
Miyahara, S. *see* Saitoh, Y. 46854
Miyaho, N. *see* Takagi, Y. 45696
Miyai, K. *see* Maeda, Y. 37640
Miyai, Y. *see* Kasuya, K. 20631
Miyaji, A. On ordinary elliptic curve cryptosystems 12895
Miyaji, A. Elliptic curves over F_p suitable for cryptosystems 21573
Miyaji, A. Elliptic curves suitable for cryptosystems 36580
Miyaji, F. *see* Seno, K. 26923
Miyaji, F. *see* Seno, K. 34047
Miyajima, A. *see* Kato, Y. 35067
Miyajima, A. *see* Yoshida, T. 43099
Miyajima, H. *see* Kihara, T. 24951
Miyajima, K., Ralescu, A. Fuzzy logic approach to model-based image analysis 5063
Miyajima, T., Hasegawa, T., Haneishi, M. On the multiuser detection using a neural network in code-division multiple-access communications 5185
Miyajima, T., Iijima, M., Ohtani, K. Recent technology of hydraulic turbine generators 32826
Miyajima, T. *see* Iida, Y. 3677
Miyajima, T. *see* Okuyama, H. 33594
Miyajima, Y. *see* Hasegawa, K. 3232
Miyajima, Y. *see* Yamamoto, T. 35716
Miyajuma, T., Hasegawa, T., Haneishi, M. A fast learning algorithm of neural networks and its applications to adaptive equalizers 13849
Miyakawa, H. *see* Niitsu, Y. 34935
Miyakawa, M. *see* Hayashi, T. 6564
Miyakawa, T. *see* Kitano, Y. 22149
Miyakawa, Y., Hashimoto, J., Ikagami, N., Kanamori, J. Effects of additive gas on SiO etching 10960
Miyakawa, Y. *see* Ikegami, N. 27692
Miyake, A. *see* Tsuji, H. 28402
Miyake, C.I., Braun, F., Cunningham, D. Mid-infrared optical parametric oscillator development at STI Optronics, Inc 29007
Miyake, C.I. *see* Fisher, C.H. 20716
Miyake, C.I. *see* Lotshaw, W.T. 20980
Miyake, H. *see* Furuhashi, H. 12499
Miyake, K., Imai, K. Standardization aspects of B-ISDN—technical issues towards high-speed data communications services deployment 22662
Miyake, K., Tanaka, T., Etoh, T., Tsuno, M., Yokoyama, S., Koyanagi, M. New RAM-bus memory system with interchip optical interconnection 43682
Miyake, K. *see* Chaki, S. 22425
Miyake, K. *see* Kondo, T. 14349
Miyake, K. *see* Nagata, T. 43680
Miyake, K. *see* Yamamoto, Y. 17879
Miyake, M., Yamamoto, M., Maeda, K. Microscope image processor for treatment of coke-oven ammonia liquor 9026
Miyake, M. *see* Asahara, T. 14401
Miyake, M. *see* Kojima, T. 12824
Miyake, M. *see* Kojima, T. 21521
Miyake, S. *see* Kumano, T. 2868
Miyake, S. *see* Wu, R.L.C. 41409
Miyake, Y., Hirayama, H., Kudo, K., Tamura, S., Arai, S., Asada, M., Miyamoto, Y., Suematsu, Y. Room-temperature operation of GaInAs/GaInAsP/InP SCH lasers with quantum-wire size active region 12206
Miyake, Y. *see* Arai, S. 28834
Miyake, Y. *see* Hirayama, H. 43910
Miyake, Y. *see* Sasaki, M. 7612
Miyake, Y. *see* Shoji, M. 7121
Miyake, Y. *see* Tanaka, H. 20154
Miyake, Y. *see* Yamaba, K. 23714
Miyamae, K. *see* Takami, A. 8121
Miyamichi, J. *see* Arai, M. 36525
Miyamoto, E. *see* Nakamura, Y. 39565
Miyamoto, H., Arima, H. Technology for 64 Mbit DRAMs 34037
Miyamoto, H., Ojima, M., Toda, T., Niihara, T., Maeda, T., Saito, J., Matsumoto, H., Hosokawa, T., Akasaka, H. 2 GB/130 mm capacity direct-overwrite magneto-optical disk 20434
Miyamoto, H., Sumi, M., Mori, K., Koshiro, I., Nanjo, F., Funatsu, M. Improvement of anode performance by YSZ surface modification 17361
Miyamoto, H. *see* Mitsubori, S. 14791
Miyamoto, H. *see* Mori, H. 24737
Miyamoto, H. *see* Sakata, H. 16945
Miyamoto, J. *see* Imamiya, K. 18733
Miyamoto, M. *see* Kamikatano, N. 11597
Miyamoto, M. *see* Kurebayashi, M. 14792
Miyamoto, M. *see* Kurosawa, Y. 14316
Miyamoto, M. *see* Sawano, H. 6013
Miyamoto, N. *see* Kim, K.-J. 18139
Miyamoto, N. *see* Niwano, M. 27679
Miyamoto, N. *see* Niwano, M. 42715
Miyamoto, S., Ishimura, T., Sakuma, S., Matsui, K., Mitoma, T. 64 Mbit DRAM 34050
Miyamoto, S., Katayama, M., Morinaga, N. Receiver design using the dependence between quadrature components of impulsive radio noise 45762
Miyamoto, S., Morinaga, N., Katayama, M. Signal-detection characteristics in trellis-coded modulation system under impulsive noise environment and its optimum reception 29420
Miyamoto, S., Ohashi, A., Kimura, J. Hepatocyte culture using a photolithographic method and its application for toxicity sensing 23929
Miyamoto, S. *see* Okano, Y. 23774
Miyamoto, T., Uchida, T., Yokouchi, N., Iga, K. Surface emitting lasers grown by chemical beam epitaxy 43873
Miyamoto, T. *see* Fukami, T. 8312
Miyamoto, T. *see* Furuta, H. 11667
Miyamoto, T. *see* Suzuki, T. 16073
Miyamoto, T. *see* Tanaka, T. 24946
Miyamoto, T. *see* Tsuchie, M. 2732
Miyamoto, T. *see* Uchida, T. 12190
Miyamoto, T. *see* Uchida, T. 18226
Miyamoto, Y. Optical transmission technology and its application to cable TV system 38320
Miyamoto, Y., Hayashi, K., Katayama, H. A GaAs FET module for digital mobile telephones 33918
Miyamoto, Y. *see* Arai, S. 28834
Miyamoto, Y. *see* Hagimoto, K. 28522
Miyamoto, Y. *see* Hara, K. 31683
Miyamoto, Y. *see* Hongo, H. 43029
Miyamoto, Y. *see* Inagaki, Y. 8090
Miyamoto, Y. *see* Kataoka, T. 38115
Miyamoto, Y. *see* Miyake, Y. 12206
Miyamoto, Y. *see* Nagata, K. 3307
Miyamoto, Y. *see* Okimura, H. 41426
Miyamoto, Y. *see* Sotomura, T. 48061
Miyamoto, Y. *see* Wakayama, N. 39838
Miyamoto, Y. *see* Yasuoka, K. 24018
Miyamoto, Y. *see* Yokayama, Y. 29933
Miyamura, K. *see* Nagano, I. 29699
Miyamura, K. *see* Yagitani, S. 44340
Miyamura, M. *see* Suekane, M. 2789
Miyanaga, H. *see* Koyakumaru, Y. 25448
Miyanaga, I. *see* Uraoka, Y. 33324
Miyanaga, K. *see* Aoyama, T. 42403
Miyanaga, N. *see* Nakatsuka, M. 35728
Miyanaga, N. *see* Tsubakimoto, K. 35953
Miyanishi, A. *see* Tsujihashi, Y. 41853
Miyano, A. *see* Shirakashi, J. 41332
Miyano, H. A method to estimate the number of ciphertext pairs for differential cryptanalysis 12965
Miyano, H. *see* Tamechika, Y. 45401
Miyano, K. *see* Ohsugi, T. 46838
Miyano, T., Shintani, A. Nonlinear analysis of complexities in striations of Czochralski silicon crystals 33584
Miyao, J. *see* Isomoto, K. 19932
Miyao, M. *see* Tamagawa, T. 27561
Miyao, Y. *see* Takahashi, J. 15381
Miyaoka, R.M. *see* Lewellen, T.K. 15738
Miyaoka, Y. *see* Hasegawa, K. 3232
Miyasaka, H. *see* Morimatsu, E. 30965
Miyasaka, H. *see* Tanaka, S. 27006
Miyasaka, M., Itoh, W., Komatsu, T., Yudasaka, I., Ohshima, H. Wettability of silicon oxide with poly-crystalline silicon {TFTs] 42913
Miyasaka, T., Koyama, K. Image sensing and processing by a bacteriorhodopsin-based artificial photoreceptor 19270
Miyasaka, Y. *see* Matsubara, S. 11403
Miyasaki, E. *see* Takagi, T. 4533
Miyashita, H., Sunahara, Y., Ishii, R., Katagi, T., Hashimoto, T. An analysis of antenna coupling between arrays on a polyhedron structure 29386
Miyashita, H. *see* Kusaba, R. 2662
Miyashita, I., Ohmori, Y. A new speed observer for an induction motor using the speed estimation technique 16857
Miyashita, K. *see* Okada, H. 11700
Miyashita, M. *see* Itano, M. 10922
Miyashita, M. *see* Kikuyama, H. 42699
Miyashita, M. *see* Mihashi, Y. 20849
Miyashita, M. *see* Shima, A. 3635
Miyashita, M. *see* Shima, A. 43907
Miyashita, M. *see* Takikawa, H. 8675
Miyashita, T. "Wave CT" as a short-range sensing with superresolution 7359
Miyashita, T. *see* Asai, K. 42728
Miyashita, T. *see* Ikata, O. 2765
Miyashita, T. *see* Mochinaga, Y. 17523
Miyashita, T. *see* Noguchi, H. 40405
Miyashita, Y. *see* Kato, H. 24970
Miyashita, Y. *see* Kawahigashi, M. 43192
Miyasita, A., Oonami, Y., Sano, S. Adaptive block size coding system for high-definition moving picture 47075
Miyata, E. *see* Kunieda, H. 15683
Miyata, E. *see* Tsunemi, H. 7234
Miyata, E. *see* Tsunemi, H. 11939
Miyata, H. *see* Ajiro, M. 22163
Miyata, H. *see* Barberis, E. 46846
Miyata, H. *see* Mieno, F. 26518
Miyata, H. *see* Nomura, H. 6264
Miyata, H. *see* Ohsugi, T. 46838
Miyata, H. *see* Ohsugi, T. 46839
Miyata, H. *see* Tamura, N. 46889
Miyata, H. *see* Yamada, T. 34581
Miyata, K., Fukai, I. A supercomputer simulation of antenna radiation patterns and scattering fields by boundary-element method 4253
Miyata, K., Kumagai, K., Nishimura, K., Kobashi, K. Morphology of heavily B-doped diamond films 816
Miyata, M. *see* Sato, N. 45490
Miyata, S. *see* Oikawa, A. 11053
Miyata, S. *see* Watanabe, T. 44110
Miyata, T., Ienaka, M., Enomoto, E., Tsukamoto, K. A method of A/RBC converter 10233
Miyata, T. *see* Iwabuchi, T. 3304
Miyata, T. *see* Midorikawa, M. 23503
Miyata, T. *see* Sasaki, I. 30815
Miyata, T. *see* Sato, H. 9658
Miyata, T. *see* Seto, H. 17352
Miyata, Y. *see* Furuta, M. 19860
Miyatake, M., Nanba, E., Katagiri, T. An experiment on half inch Hi-Vision digital VCR: tape format and mechanism 31053
Miyatake, T., Horihata, S., Ezaki, T., Kubo, H., Mori, N., Taniguchi, K., Hamaguchi, C. GaAs/AlGaAs quantum well infrared photodetectors 46448
Miyatake, T. *see* Fujii, K. 28165
Miyatake, T. *see* Ueda, H. 14832
Miyatani, O. *see* Kawase, Y. 36123
Miyauchi, A. *see* Nishizawa, N. 35333
Miyauchi, A. *see* Suzuki, Y. 45242
Miyauchi, H. *see* Akei, M. 23104
Miyauchi, H. *see* Takeya, S. 46078
Miyauchi, H. *see* Wada, T. 46079
Miyauchi, K., Ito, M., Ito, Y. Parameters to evaluate frequency and power efficiency of PSK transmission systems 29425
Miyauchi, K., Wakabayashi, I. A method for the design of dielectric multilayer bandpass filters 1302
Miyauchi, K. *see* Hada, F. 21503
Miyauchi, K. *see* Okada, T. 44657
Miyauchi, K. *see* Taguchi, Y. 1648
Miyauchi, M. *see* Kasai, H. 37247
Miyauchi, M. *see* Kurano, M. 19169
Miyauchi, M. *see* Yamamoto, M. 9711
Miyauchi, M. *see* Yamamura, K. 19123
Miyauti, M. *see* Kitajima, H. 15203
Miyauti, M. *see* Kitajima, H. 38466
Miyawaki, F. *see* Takasu, N. 16913
Miyawaki, M. *see* Shimomura, S. 11019
Miyawaki, N. Overview of NTT's R&D 45416
Miyawaki, T., Asaka, S., Yamane, S., Tanabe, M. Multichannel long-distance transmission optical CATV 6238
Miyawaki, T. *see* Takenaka, N. 6240
Miyayama, M. *see* Traversa, E. 31340
Miyayama, M. *see* Ushio, Y. 31338

Miyazaki, A. *see* Maekawa, Y. 30691
Miyazaki, A. *see* Maekawa, Y. 44358
Miyazaki, D., Tanida, J., Ichioka, Y. Reflective block optics for optical computing systems 20468
Miyazaki, D. *see* Tanida, J. 11759
Miyazaki, E., Yoshimura, T., Minemoto, T. Fluctuation-properties of speckle intensity detected by a TV camera and their applications to surface roughness measurements 46335
Miyazaki, H., Kojima, H., Hiraiwa, A., Homma, Y., Murakami, K. Improved phosphosilicate glass passivation against Cu contamination using the rapid thermal annealing process 42676
Miyazaki, H., Ono, M. A speed control system for AC induction motor application to home appliances 40665
Miyazaki, J., Yamaguchi, A., Fujiwara, K., Yoshioka, N., Morimoto, H., Tsukamoto, K. The effect of duty ratio of line and space in phase-shifting lithography 2357
Miyazaki, J. *see* Tanaka, K. 5854
Miyazaki, K., Chao-Nan Xu, Hieda, M. A new potential-type humidity sensor using EMD-based manganese oxides as a solid electrolyte 46401
Miyazaki, K., Oguri, H. Inverter for synthetic fiber machines, THYFREC-VT600 17043
Miyazaki, K. *see* Miura, O. 42316
Miyazaki, K. *see* Takao, Y. 46535
Miyazaki, M., Ishida, O., Hashimoto, T. N-way sectorial hybrid power divider design using boundary element method 10404
Miyazaki, M. *see* Goto, H. 9801
Miyazaki, M. *see* Isota, Y. 27042
Miyazaki, M. *see* Matsubara, G. 2888
Miyazaki, M. *see* Matsumoto, H. 19831
Miyazaki, S., Shiba, K., Sakamoto, K., Hirose, M. Intense visible luminescence from thermally-oxidized porous silicon 19570
Miyazaki, S., Shin, H., Okamoto, K., Hirose, M. Wide-gap polysilane produced by plasma-enhanced CVD at cryogenic temperatures 870
Miyazaki, S. *see* Hirose, M. 34709
Miyazaki, S. *see* Hiroshima, M. 42577
Miyazaki, S. *see* Matsubara, S. 11403
Miyazaki, T. Resource allocation method for data path synthesis 964
Miyazaki, T., Ikeda, M. High-level synthesis using given datapath information 18417
Miyazaki, T., Shiba, A., Murakami, K., Toriu, T. Improved frame rate using image interpolation for color flow imaging of the heart 38992
Miyazaki, T. *see* Ishikawa, S. 12186
Miyazaki, T. *see* Ooike, T. 43259
Miyazaki, T. *see* Tokunaga, T. 11810
Miyazaki, Y. *see* Daneshvar, O. 6015
Miyazaki, Y. *see* Hasegawa, K. 3235
Miyazaki, Y. *see* Hidaka, I. 34125
Miyazaki, Y. *see* Taketomi, K. 23148
Miyazawa, E. *see* Saito, K. 11497
Miyazawa, H. *see* Hamazumi, H. 46182
Miyazawa, M., Yamazaki, G. Note on batch arrival LCFS and related symmetric queues 17997
Miyazawa, S., Sekiguchi, Y., Okuda, M. High-reliability GaAs/AlGaAs multiquantum well lasers grown at a low temperature (375°C) 35857
Miyazawa, T. *see* Asobe, M. 12350
Miyazawa, T. *see* Izawa, T. 23722
Miyazawa, T. *see* Kimura, H. 35684
Miyazawa, Y., Ohkura, K., Sagayama, S. Unsupervised speaker adaptation using all-phoneme ergodic HMM 44787
Miyazawa, Y., Sagayama, S. Speaker-normalized HMM-likelihood for selecting a reference speaker in speaker-adaptive speech recognition 13035
Miyazu, K., Jones, D. An adaptive FIR filtering using acoustic charge transport device with bypass digital filter 1349
Miyazu, S. *see* Taniguchi, H. 20330
Miyoshi, H. *see* Asada, H. 43335
Miyoshi, H. *see* Ohno, Y. 34080
Miyoshi, K., Yamamoto, T., Nagayama, T. Construction and operational experience of Hokkaido University campus LAN-HINES 14159
Miyoshi, K. *see* Masui, H. 45654
Miyoshi, K. *see* Somemura, Y. 27865
Miyoshi, K. *see* Wu, R.L.C. 41409
Miyoshi, M. *see* Yamazaki, Y. 44262
Miyoshi, S., Yaguchi, H., Onabe, K., Ito, R., Shiraki, Y. Metalorganic vapor phase epitaxy of $GaP_{1-x}N_x$ alloys on GaP 18167
Miyoshi, S. *see* Kuwano, N. 26444
Miyoshi, S. *see* Nagahara, M. 41314
Miyoshi, T., Takaya, Y. Optical ring image 3D profile sensor 38689
Miyoshi, T. *see* Kasuya, K. 20631
Miyoshi, Y. *see* Itagaki, M. 8934
Miyoshi, Y. *see* Nishida, K. 23830
Mizan, M. An *X*-band, 2.5 watt continuous wave dielectric resonator oscillator for future military systems 19054
Mizan, M., Sturzebecher, D., Higgins, T., Maluszczak, E. Miniaturized, *X*-band solid-state transmitter 5726
Mizan, M.A., Sturzebecher, D., Higgins, T., Paolella, A. An *X*-band, high power dielectric resonator oscillator for future military systems 10440
Mizell, G.E. NO_x control through boiler optimization 39904
Mizera, E. *see* Kaminska, E. 27781
Mizeraczyk, J. *see* Reich, N. 28690
Mizessyn, F., Ishida, Y. Immune networks for cement plants 9349
Mizessyn, F. *see* Ishida, Y. 33443
Mizobuchi, A. *see* Tomizawa, M. 15571
Mizobuchi, Y., Ogura, E., Watanuki, T., Kubota, H. Numerical analysis of vibrational nonequilibrium flows in supersonic nozzles of CO_2 gasdynamic laser 11984
Mizoguchi, H., Toyoda, M., Ikeda, H. Interrupting capability of gas circuit breaker interrupting chamber utilizing arc energy 17111
Mizoguchi, H. *see* Kowaka, M. 3414
Mizoguchi, R. *see* Yamashita, Y. 21690
Mizoguchi, S. *see* Tamai, S. 8570
Mizoguchi, T. *see* Watanabe, T. 31965
Mizokami, S. *see* Murata, K. 30541
Mizokami, T., Takazawa, H., Kawabata, E., Ogata, Y., Ohta, H., Wakai, K., Hayeiwa, K. Improvement of reliability of large-sized ceramic capacitors and dummy resistors for the high power transmitter 38232
Mizorogi, C. *see* Makino, B.Y. 10565
Mizota, T. *see* Kinoshita, H. 27833
Mizrach, A., Shmulevichb, I., Yekutieli, O., Edan, Y. Evaluation of a laser method for guidance of field machinery 44188
Mizrahi, V., DiGiovanni, D.J., Atkins, R.M., Grubb, S.G., Yong-Kwan Park, Delavaux, J.-M.P. Stable single-mode erbium fiber-grating laser for digital communication 45946
Mizrahi, V., Lemaire, P.J., Erdogan, T., Reed, W.A., DiGiovanni, D.J., Atkins, R.M. Ultraviolet laser fabrication of ultrastrong optical fiber gratings and of germania-doped channel waveguides 3023
Mizrahi, V., Sipe, J.E. Optical properties of photosensitive fiber phase gratings 43390
Mizrahi, V. *see* Delavaux, J.-M.P. 30850
Mizrahi, V. *see* Partovi, A. 35307
Mizrukhin, L. *see* Liu, S.-H. 967
Mizsei, J. Activating technology of SnO_2 layers by metal particles from ultrathin metal films 6631
Mizu, M. *see* Ohya, M. 41109
Mizugaki, Y., Nakajima, K., Sawada, Y., Yamashita, T. Implementation of new superconducting neural circuits using coupled SQUIDs 42124
Mizugaki, Y., Nakajima, K., Yamashita, T. Linearization analysis of threshold characteristics for some applications of mutually coupled SQUIDs 2899
Mizuguchi, J., Giller, G., Baeriswyl, E. Phase change of 1,4-dithioketo-3,6-diphenyl-pyrrolo-[3,4-c]-pyrrole for information storage applications 20289
Mizuguchi, S. *see* Yamashita, K. 27941
Mizuguti, H. *see* Okuno, T. 14514
Mizuhara, O. *see* Delavaux, J.-M.P. 35764
Mizuhara, Y. *see* Ishihara, T. 17331
Mizuhara, Y. *see* Matsuda, H. 17260
Mizukami, A. *see* Iseki, M. 41499
Mizukami, M., Yoshizawa, T., Sato, I. High-precision head positioning using multiple offset beams 20284
Mizukami, M. *see* Arai, R. 20278
Mizukami, Y., Nishimori, T. Maximum electric power demand prediction by neural network 16268
Mizukami, Y. *see* Maekawa, T. 7824
Mizukawa, S. *see* Nakazawa, N. 6218
Mizuki, K. *see* Kawagoshi, T. 16178
Mizukoshi, A. *see* Yamazaki, T. 17130
Mizumoto, H. *see* Furuta, H. 11667
Mizumoto, H. *see* Yamaguchi, H. 37552
Mizumoto, I., Mashiko, S., Suzuki, N. Charge integrating amplifier in the near-infrared region using an InGaAs PIN photodiode 11841
Mizumoto, I., Mashiko, S., Suzuki, N. Low-noise detection system using an InGaAs PIN photodiode with a charge integrating amplifier 46436
Mizumoto, J. *see* Kobayashi, Y. 12125
Mizumoto, T. Waveguide optical bistable devices 28970
Mizumoto, T. *see* Naito, Y. 21231
Mizumoto, T. *see* Naito, Y. 21232
Mizumoto, T. *see* Totoki, M. 18284
Mizumura, S. *see* Ikeda, Y. 48383
Mizunami, T., Takagi, K. Wavelength dependence of two-photon absorption properties of silica optical fibers 43449
Mizunami, T. *see* Takagi, K. 2387
Mizuno, A. *see* Jogan, K. 32632
Mizuno, A. *see* Kamase, Y. 4009
Mizuno, C. *see* Sato, K. 33409
Mizuno, F., Yamada, S., Miura, A., Todokoro, H. Observation of deep holes using new technique 9327
Mizuno, F. *see* Akiyama, N. 11809
Mizuno, H., Mitsumoto, H., Nakakita, H., Yazawa, N. A small 42-GHz transmitter and receiver for a wireless HDTV (Hi-Vision) camera 14801
Mizuno, H. *see* Kamakura, Y. 42398
Mizuno, H. *see* Kitajima, H. 15203
Mizuno, H. *see* Kitajima, H. 38466
Mizuno, H. *see* Kojima, M. 14986
Mizuno, H. *see* Kojima, M. 31473
Mizuno, H. *see* Nakahira, K. 30670
Mizuno, H. *see* Ohtsu, S. 30669
Mizuno, H. *see* Okada, K. 30666
Mizuno, H. *see* Shimizu, Y. 4449
Mizuno, K. Multi-element quasi-optical devices—a new trend in short millimeter and submillimeter wave electron devices 10478
Mizuno, K., Kubota, H. Double talk detection for adaptive noise canceller 29655
Mizuno, K. *see* Jongsuck Bae 34255
Mizuno, K. *see* Kaqahito, S. 10105
Mizuno, K. *see* Kawano, M. 27907
Mizuno, K. *see* Uehara, K. 12770
Mizuno, K. *see* Watanabe, T. 31965
Mizuno, M., Hanada, M., Inoue, T., Maeno, S., Ohara, Y., Okumura, Y., Tanaka, M., Watanabe, K. Multi-second H^- ion beam production in a 350 keV electrostatic accelerator 46699
Mizuno, M., Raynal, M., Singh, G., Neilsen, M.L. An efficient implementation of sequentially consistent distributed shared memories 45340
Mizuno, M. *see* Inoue, T. 38830
Mizuno, M. *see* Kato, T. 43254
Mizuno, M. *see* Ohgane, T. 22841
Mizuno, O., Niitsu, Y. A method of designing communication service specifications using message sequence charts 13938
Mizuno, S., Maki, H., Hakamata, N., Asano, Y. A large-scaled 1×N optomechanical matrix switch 5880
Mizuno, S. *see* Komiya, T. 5877
Mizuno, T., Araki, K. Control system design of a dynamic vibration absorber with an electromagnetic servomechanism 12533
Mizuno, T., Ohtuki, T., Ohsima, T., Saito, H. Spectrum analysis of a circular free electron laser 43981
Mizuno, T., Wakiwaka, H., Yamada, H. High speed hydraulic servo valve using linear DC motor 25622
Mizuno, T., Yamamoto, S., Yamada, H. Kinetic behavior of linear motion bearings applied linear motor 8457
Mizuno, T. *see* Ashikaga, T. 48225
Mizuno, T. *see* Suzuki, T. 44660
Mizuno, T. *see* Terashima, M. 40602
Mizuno, Y. *see* Kawashima, Y. 48280
Mizuno, Y. *see* Nagao, M. 35169
Mizuno, Y. *see* Nagao, M. 43144
Mizuno, Y. *see* Ogihara, T. 18324
Mizuno, Y. *see* Ogihara, T. 48058
Mizuno, Y. *see* Tamura, N. 46889
Mizuno, Y. *see* Tsuchida, H. 14318
Mizunuma, M. *see* Tahata, S. 15150
Mizuo, Y. *see* Ishida, T. 6772
Mizusaki, J., Tagawa, H., Saito, T., Kamitani, K., Yamamura, T., Hirano, K., Ehara, S., Takagi, T., Hikita, T., Ippommatsu, M., Nakagawa, S., Hashimoto, K. Preparation of nickel pattern electrodes on YSZ and their electrochemical properties in H_2-H_2O atmospheres 17364
Mizusawa, J. Network technology for personal communication 5763
Mizusawa, J. IC-cards and telecommunication services 14524
Mizushima, I., Murakoshi, A., Watanabe, M., Yoshiki, M., Hotta, M., Kashiwagi, M. Hole generation without annealing in high dose boron implanted silicon: heavy doping by B_{12} icosahedron as a double acceptor 42647
Mizushima, Y. *see* Hirohata, T. 15003
Mizushima, Y. *see* Iida, T. 35511
Mizushima, Y. *see* Iida, T. 43664
Mizushina, S., Shimizu, T., Suzuki, K., Kinomura, M., Ohba, H., Sugiura, T. Retrieval of temperature-depth profiles in biological objects from multi-frequency microwave radiometric data 7361
Mizushina, S. *see* Ohishi, H. 7479
Mizuta, H., Iida, Y., Yana, K., Saul, J.P., Cohen, R.J. Change in impulse response of heart rate to instantaneous lung volume 36749
Mizuta, H. *see* Goodings, C.J. 34567
Mizuta, H. *see* Goodings, C.J. 42858
Mizuta, H. *see* Wagner, M. 2441
Mizuta, M. *see* Ideshita, S. 1923
Mizuta, N. *see* Nakata, S. 15352
Mizutani, A., Saitho, D., Endo, S., Yoshioka, N. Application of FT-IR to the cure degree measurement of UV curable optical fiber coating 2975
Mizutani, F. *see* Abe, K. 45191
Mizutani, H. An effective weighting method for Hopfield neural networks 42114
Mizutani, H., Tanaka, M. New switch level simulator: analysis of a general switched network to avoid limit cycle for switching control 9933
Mizutani, H., Tokuno, Y., Masaki, H., Yamazaki, M. A motion video codec LSIs with distributed arithmetic architecture 34095
Mizutani, I. *see* Yoshie, N. 37282
Mizutani, M. *see* Hatano, Y. 17557
Mizutani, M. *see* Terasaki, M. 48068
Mizutani, S. Present and future automotive electronics 33128
Mizutani, T., Suzuoki, Y., Matsukawa, Y., Oganesyan, A., Hattori, K., Kon, H., Ieda, M.,

Suzuki, T. Space charge and high field phenomena in polyethylene 35163
Mizutani, T. *see* Aihara, K. 28058
Mizutani, T. *see* Akeyoshi, T. 10052
Mizutani, T. *see* Akeyoshi, T. 41795
Mizutani, T. *see* Hikita, M. 12354
Mizutani, T. *see* Komori, F. 14874
Mizutani, T. *see* Komori, F. 20056
Mizutani, T. *see* Maezawa, K. 41773
Mizutani, T. *see* Mori, T. 43161
Mizutani, T. *see* Nakata, S. 27536
Mizutani, T. *see* Noriaki, N. 23415
Mizutani, T. *see* Tabata, A. 26514
Mizutani, Y., Ogata, Y., Takahashi, T., Saito, S., Nakao, M., Yamamoto, M., Matsumoto, G. Measurement and analysis of single neuronal activities from an unrestrained cat in natural outdoor conditions 47087
Mizutani, Y. *see* Iskandar, M.A. 24749
Mizutani, Y. *see* Iskandar, M.A. 24773
Mizuuchi, F., Yamamoto, K. Domain inversion in $LiTaO_3$ using an ion beam 12370
Mizuuchi, K., Yamamoto, K. First-order quasi-phase-matched second-harmonic generation in a $LiTaO_3$ waveguide 44121
Mizuyama, H. *see* Yamashina, H. 17955
Mizyuk, L.Ya. *see* Briskin, A.M. 47241
Mizyuk, L.Ya. *see* Dikmarova, L.P. 46421
Mizzoni, R., Piccione, B., Ravanelli, R., Steffe, W., Accatino, L., Badessi, S. Development of novel variable power dividers for reconfigurable satellite antennas 29402
Mjasnikov, Ju.A. *see* Kirillov, V.G. 25763
Mjolsnes, S.F. Privacy, cryptographic pseudonyms, and the state of health 12901
Mladenov, G. *see* Vutova, K. 42803
Mlcak, R., Tuller, H.L., Greiff, P., Sohn, J., Niles, L. Photoassisted electrochemical micromachining of silicon in HF electrolytes 27766
Mlinsky, V.V. *see* Vereshchagina, L.N. 18297
Mlynek, D. *see* Kowalczuk, J. 22681
Mlynek, J. *see* Fiedler, K. 12379
Mlynek, J. *see* Kurz, P. 12322
Mnatsakanov, T.T. *see* Kuzmin, V.A. 2405
Mo, J.-H. *see* Robinson, A.L. 16059
Mo, J.-H. *see* Seip, R. 15902
Mo, J.P.T., Wang, Y. Integrated robot control using Manufacturing Message Specification protocol based on NetBIOS 14212
Mo, O., Hernes, M., Rogne, T. Calculation of temperature conditions in semiconductors for variable speed induction motor drive 17469
Mo, O., Nilssen, R. Low cost program for simulation of power electronic converters and systems 8867
Mo, O. *see* Rogne, T. 1031
Mo Cho Hyun *see* Hyun Mo Cho
Mo Fuyuan *see* Sun Jincheng 29545
Mo Huade *see* Wang Yafei 39416
Mo Qingyuan, Yuan Baozing Design and implementation of the network environment for visual and audio information processing system 14188
Mo Weiguo, Zhou Xin An automatic system on real world human body motion analysis 24206
Mo Yeo Jeong *see* Jeong Mo Yeo
Mo Zhi-Wen, Wang Xue-Ping On pointwise depiction of fuzzy regularity of semigroups 528
Mo-Hong Chou, En-Bing Lin Wavelet compression through wavelet Stieltjes transform 22115
Mo-Yuen Chow, Taylor, L.S. A novel approach for distribution fault analysis 32464
Moallem, M. *see* Moghbelli, H.H. 8832
Moan, G.D. *see* Venkatapathi, S. 8111
Moayeri, N. *see* Van Dyck, R.E. 13566
Moazzam, M.R. Novel microwave negative resistance 19087
Moazzami, R. *see* Kaushik, V. 28339
Moazzami, R. *see* Maniar, P.D. 28335
Moazzami, R. *see* Sudhama, C. 27609
Mobarhan, K., Jelen, C., Kolev, E., Razeghi, M. Optical, electrical, and structural characterization of GaInAsP/InP layers grown on silicon substrate for 1.35 μm laser applications 12213
Mobarhan, K. *see* Diaz, J. 43923
Mobed, M., Root, W.L. Estimation of constrained parameters in a linear model with multiplicative and additive noise 44936
Mobius, B., Patzold, M., Hess, W. Analysis and synthesis of German F_0 contours by means of Fujisaki's model 4503
Moccagatta, I., Kunt, M. A pyramidal vector quantization approach to transform domain 22195
Moccagatta, I. *see* Cicconi, P. 45051
Moccagatta, I. *see* Kowalczuk, J. 22681
Mocci, F. *see* Colombo, B.L. 8606
Mochalov, I.V. *see* Belashenkov, N.R. 20696
Mochalov, I.V. *see* Zel'dovich, B.Ya. 12341
Mocheshnikov, N. *see* Efimov, S. 15384
Mochida, M. *see* Yamaguchi, Y. 6754
Mochida, T. *see* Hashimoto, K. 21692
Mochida, Y. Digital optical cable TV 38322
Mochida, Y. Technologies for local-access fibering 45926
Mochida, Y. *see* Sato, T. 7379
Mochiji, K., Ochiai, I., Ogawa, T., Yamamoto, S., Itabashi, N., Lee, K., Hanson, D.M. Photon-stimulated ion desorption from semiconductor surfaces 27717
Mochiki Koh-ichi *see* Koh-ichi Mochiki
Mochimaru, A. A study of the practicality and accuracy of impulse response calculations for the auralization of sound system design 14839
Mochimaru, M., Yamazaki, N. Extraction of the body image from a natural background 29997
Mochinaga, Y., Hisamizu, Y., Ohokubo, K., Oda, S., Kuba, E., Hasuike, K. Development of protective zone switching type distance relay for AC electric railway 17538
Mochinaga, Y., Hisamizu, Y., Takeda, M., Miyashita, T., Hasuike, K. Static power conditioner using GTO converters for AC electric railway 17523
Mochizuki, A. *see* Yabe, Y. 31357
Mochizuki, H. *see* Kida, T. 21773
Mochizuki, H. *see* Kida, T. 44893
Mochizuki, H. *see* Li, J. 23052
Mochizuki, K., Masumoto, K., Yasuda, T., Segawa, Y., Kimoto, K. Sublimation growth of high-purity ZnSe single crystals and photoluminescence 26397
Mochizuki, K., Nakamura, T., Tanoue, T., Masuda, H., Horiuchi, M. AlGaAs/GaAs HBTs with reduced base-collector capacitance by using buried SiO_2 and polycrystalline GaAs in the extrinsic base and collector 19794
Mochizuki, K., Shimobachi, T., Hisata, H., Yanagi, T., Kashima, K., Tokumaru, Y. A simplified, high-strength fiber splicing technique 35335
Mochizuki, K. *see* Abe, S. 41286
Mochizuki, K. *see* Ishii, H. 4958
Mochizuki, K. *see* Takayanagi, K. 34946
Mochizuki, M., Hibino, S., Ishibashi, F. Application of 6.5% silicon steel sheet to induction motor and its magnetic properties 32850
Mochizuki, M., Itoh, Y., Kohno, M., Masuno, H., Takagi, T. C-X band 14 W power amplifier having flat gain and power response 1573
Mochizuki, M. *see* Asahi, R. 31233
Mochizuki, N. *see* Watanabe, M. 48104
Mochizuki, T., Ito, M. Smoothing method for three-dimensional display of the tissue using ultrasound—three-dimensional median/median filter 38966
Mochizuki, T. *see* Hanamoto, T. 25867
Mochizuki, T. *see* Xu, Z. 17014
Mochizuki, Y. *see* Ideshita, S. 1923
Mocholi, A. *see* Montoya, A. 6601
Mock, J.L. *see* DeVeau, G.F. 6006
Mock, K. Transformers for supply adaptor circuits 18482
Mock, P. Simulation of magnetic fields for electromagnetic compatibility measurements 21277
Mock, R. *see* Gerblinger, J. 6643
Mock, R.C. *see* Sanford, T.W.L. 38800
Mockett, P. *see* Davison, D. 31709
Mockl, U.E., Lloyd, J.R., Arzt, E. Electromigration induced resistance changes in passivated aluminium thin film conductors 34829
Mocnik, Z. *see* Kercan, V. 16712
Moddel, G. *see* Barbier, P.R. 23578
Moddel, G. *see* Barbier, P.R. 31229
Moddel, G. *see* Burdge, G. 3215
Moddemeijer, R. *see* Lankhorst, M.M. 12805
Modegi, T. Halftone font generator for HDTV display 31003
Modelski, J., Krupka, J., Abramowicz, A. Theory and application of circumferentially magnetized ferrites in tunable devices 27151
Modena, I. *see* Carelli, P. 11543
Modena, M., Hsieh, H., Sanelli, C. High current density septa for DAΦNE accumulator and storage rings 15565
Modena, M. *see* Hsieh, H. 15538
Modenov, V.P. Solution of dispersion equation of natural waves of a circular impedance waveguide 12673
Modenov, V.P. *see* Gruzdev, V.V. 4197
Modestino, J.W., Melendez, K.A. Adaptive multiscan matched filter receiver for dim target detection in nonstationary clutter environments 29842
Modestino, J.W. *see* Harris, C.F. 36847
Modestino, J.W. *see* Parthasarathy, V. 37059
Modro, M. *see* D'Auria, F. 16595
Mody, P. *see* Morton, E.J. 15731
Moe, J.P. *see* Nandi, A.K. 13789
Moe, M.K., Nelson, M.A., Vient, M.A. Tracking electrons from double beta decay—how far can you push the TPC? 46944
Moeck, H., Richter, D., Walzel, M. Reference algorithms for the approximation of shape measurement data using non-orthogonal periodic functions 46630
Moeger, A. *see* Vieth, J. 31943
Moel, A., Itoh, M., Mitsui, S., Gomei, Y. Mask distortion analysis for the fabrication of 1 GBit dynamic random access memories by X-ray lithography 27861
Moel, A., Moon, E.E., Frankel, R.D., Smith, H.I. Novel on-axis interferometric alignment method with sub-10 nm precision 27897
Moel, A. *see* Mitsui, S. 27857
Moeller, C. Experimental results on high-brightness semiconductor lasers 28915
Moeller, E. *see* Strack, R. 45621
Moeller, R.E. *see* Floyd, M.R. 8085
Moellers, J.A. *see* Piatnicia, A.Y. 4288
Moen, T.-E. *see* Rufer, A.-C. 16725
Moench, E. *see* Halbauer, H. 14327
Moeneclaey, M., Bucket, K. The effect of interpolation on the BER performance of bandlimited direct-sequence spread-spectrum systems 22778
Moeneclaey, M., Van Bladel, M. Digital HDTV broadcasting over the CATV distribution system 46171
Moeneclaey, M. *see* Bucket, K. 21498
Moeneclaey, M. *see* Bucket, K. 37891
Moeneclaey, M. *see* De Jonghe, G. 21499
Moeneclaey, M. *see* Goethals, K. 22770
Moeneclaey, M. *see* Pollet, T. 36494
Moeneclaey, M. *see* Wuyts, K. 37726
Moerder, D. *see* Hawley, J.G. 7602
Moerdijk, A.J. *see* Kleeven, W.J.G.M. 7057
Moerloose, J.De *see* De Moerloose, J.
Moerman, I. *see* Coudenys, G. 3403
Moerman, I. *see* Coudenys, G. 41306
Moerman, I. *see* Pedersen, J.W. 35474
Moerman, I. *see* van der Tol, J.J.G.M. 43499
Moerman, I. *see* Vermaerke, F. 35812
Moerman, I. *see* Vermeire, G. 41290
Moerner, W.E. *see* Silence, S.M. 20235
Moerner, W.E. *see* Silence, S.M. 21070
Moerner, W.E. *see* Smith, B.A. 43542
Moers, H. *see* Delage, P. 6011
Moffat, A., Sharman, N., Witten, I.H., Bell, T.C. An empirical evaluation of coding methods for multi-symbol alphabets 4389
Moffat, D., Barnes, P., Flynn, T., Graber, J., Hand, L., Hartung, W., Hays, T., Kirchgessner, J., Knobloch, J., Noer, R., Padamsee, H., Rubin, D., Sears, J. Studies on the nature of field emission sites [superconducting RF cavities] 15431
Moffat, D. *see* Padamsee, H. 6995
Moffat, D. *see* Padamsee, H. 15428
Moffatt, D.L. *see* Dural, G. 46064
Moffett, D.F. *see* Eray, M. 23741
Moffett, J. *see* Barry, S. 14090
Moffett, J.D., Sloman, M.S. Policy hierarchies for distributed systems management 30310
Moffett, M.B. On the power limitations of sonic transducers 24540
Moffett, M.B., Ricketts, D. Comments, with reply, on 'Characterization of piezoceramics' by M. Brissaud 20053
Moffitt, J.H. Eliminating final cleaning in military connectors 1687
Moffitt, K.W. *see* Melzer, J.E. 39225
Mogab, C.J. *see* Jain, A. 34796
Mogab, C.J. *see* Kaushik, V. 28339
Mogab, C.J. *see* Maniar, P.D. 28335
Mogab, C.J. *see* Olowolafe, J.O. 11364
Mogab, C.J. *see* Sudhama, C. 27609
Mogami, M. *see* Kubono, T. 19184
Mogee, M.E. Educating innovation managers: strategic issues for business and higher education 17775
Mogensen, G. *see* Christiansen, N. 17350
Mogensen, M., Lindegaard, T. The kinetics of hydrogen oxidation on a Ni-YSZ SOFC electrode at 1000°C 17359
Mogensen, M. *see* Bagger, C. 17280
Moggridge, G.D. *see* Horton, J.H. 33749
Moghadam, F. *see* Moinpour, M. 9734
Moghadam, F. *see* Moinpour, M. 34706
Moghadam, F. *see* Moinpour, M. 34758
Moghadam, O.A. *see* Hejazi, S. 31290
Moghaddam, B. *see* Stewart, C.V. 23102
Moghaddamzadeh, A., Bourbakis, N. Specifications for the development of a 3-D visual inspection/diagnosis system for damaged VLSI boards: VLSI reverse engineering 436
Moghaddar, A. *see* Walton, E.K. 46044
Moghbelli, H., Hanas, G. Chopper design for NICTD locomotives 48380
Moghbelli, H.H., Moallem, M., Ong, C.M. Operational characteristics of switched reluctance motor drives 8832
Moghe, N.V. *see* Pai, V.S. 38942
Moghe, S. *see* Fudem, H. 10499
Moghe, S. *see* Garbe, G. 7691
Mogi, Y. *see* Araki, N. 7618
Mogilatov, V.S. Calculation of electric field from direct current source grounded through casing 32069
Mogilatov, V.S. A way of solving fundamental direct problem of TES 47222
Mogilenko, N.F., Kostyuk, V.S., Onoprienko, A.A., Puida, S.H. PAROM-V: an integrated circuit CAD system for a personal computer 9891
Mogilevich, V.N. *see* Karpenko, V.A. 12657
Mogilevskaya, L.Ya. *see* Khotuntsev, Yu.L. 1074
Mogilevskaya, L.Ya. *see* Khotuntsev, Yu.L. 11153
Mogilin, V.I., Smerdov, V.Yu., Khlybov, A.I. Shapers of nanosecond pulses around a GaAs integral current switch 26759
Mogilny, V.V., Asenchik, O.D., Sidorenko, M.M. Amplified optical recording in materials with molecular pairs 11568
Mogirev, V.V. *see* Barinov, V.A. 16127
Mogirev, V.V. *see* Barinov, V.A. 39535
Moglestue, C. *see* Anderson, W.T. 2570
Moglestue, C. *see* Klingenstein, M. 15001
Moglestue, C. *see* Klingenstein, M. 31224
Moglie, F., Rozzi, T., Marcozzi, P. Circuit modelling of waveguide discontinuities by FD-TD methods 29253
Moglie, F. *see* De Flaviis, F. 1567

Mogren, S. *see* Steckl, A.J. 11830
Mogren, S. *see* Steckl, A.J. 27648
Mogro-Campero, A. *see* Chow, T.P. 11222
Mogul, H.C., Steckl, A.J., Ganin, E. Electrical properties of Si p^+-n junctions for sub−0.25 μm CMOS fabricated by Ga FIB implantation 11130
Mogul, H.C. *see* Steckl, A.J. 11830
Mogul, H.C. *see* Steckl, A.J. 27648
Mogyorosi, P. *see* Heszler, P. 9718
Moh, K.G., Min, H.S., Park, Y.J. Equivalent noise source for Boltzmann transport equation with relaxation-time approximation in nondegenerate semiconductors 19713
Mohadjeri, B., Svensson, B.G. Secondary ion mass spectrometry measurements of shallow boron profiles in cobalt, silicon, and cobalt disilicide 42750
Mohamadein, A.L. *see* Mostafa, A.S. 25400
Mohamed, A. *see* Ismail, F. 17491
Mohamed, A. *see* Ismail, F. 25406
Mohamed, E.A., Hamouda, R.M. A knowledge based power system contingency selection techniques 39537
Mohamed, M.A. *see* Saniie, J. 33794
Mohamed, N.J. Target signature using non-sinusoidal radar signals 38137
Mohamed, N.J. Carrier-free radar signal design with MTI Doppler processor 38143
Mohamed, S.A., Fahmy, M.M. Image compression using block pattern-vector quantization 22066
Mohamed, S.A., McKeown, J.H.A., Da Costa, F., Coote, F.D.G. Indoor channel sounding measurements at millimetre wave frequencies 29190
Mohamed, Y., Touhami, O., Iung, C., Hashem, A. Influence of saturation in field oriented control induction motor drive systems 40516
Mohammad, S.Noor *see* Noor Mohammad, S.
Mohammadi, F. *see* Kennington, J.L. 41088
Mohammadi, M. *see* McNeil, R.R. 24014
Mohammadioun, B. Earth tremors and nuclear safety 8072
Mohammadnejad, S., Takashiba, H., Matsushita, K., Izutsu, T., Ishida, A., Fujiasu, H. Dependence of $Pb_{1-x}Sr_xS$/PbS DH laser properties on active layer thickness and cladding layer band gap 3636
Mohammed, A.A. *see* Abdel-Ghaffar, A.S. 8437
Mohammed, A.A. *see* El-Khouly, F.M. 48165
Mohammed, A.F. Near-far problem in direct-sequence code-division multiple-access systems 22898
Mohammed, B. *see* Jian Wei 42601
Mohammed, M.S., Matilia, S.L., Nozal, L. Fast 2D convolution filter based on look up table FFT 1337
Mohammed, O. *see* Park, D. 16263
Mohammed, O. *see* Park, D. 16267
Mohammed, O.A., Gordon, H., Arkadan, A.A. Analysis of electromagnetic fields in electrical machines from experimental data for educational purposes 40831
Mohammed, O.A., Merchant, R.S., Uler, F.G. Utilizing Hopfield neural networks and an improved simulated annealing procedure for design optimization of electromagnetic devices 44258
Mohammed, O.A., Park, D.C., Merchant, R., Uler, F.G. An artificial neural network environment for the optimal design of geometric boundaries in electromagnetic devices 42107
Mohammed, O.A., Park, D.C., Uler, F.G. Design optimization of electromagnetic devices using artificial neural networks 16772
Mohammed, O.A. *see* Uler, F.G. 41203
Mohammed-Brahim, T. *see* Kechouane, M. 10844
Mohan, A.S. *see* Zhang, H.Z. 12677
Mohan, B.Murali *see* Murali Mohan, B.
Mohan, C.J. *see* Barron, C.C. 20403
Mohan, C.K. *see* Anand, R. 13642
Mohan, C.K. *see* Krishnaswamy, D. 29860
Mohan, C.Rama *see* Rama Mohan, C.
Mohan, C.S. *see* Keshava Murthy, V. 45710
Mohan, M.R., Kuppusamy, K., Abdullah Khan, M. A fast algorithm for optimal hydrothermal scheduling with cascaded and independent hydro plants 7813
Mohan, N. A novel approach to minimize line-current harmonics in interfacing power electronics equipment with 3-phase utility systems 24683
Mohan, N. *see* He, J. 16956
Mohan, N. *see* He, J. 18487
Mohan, N. *see* Wong, C. 8628
Mohan, N.C. *see* Endersby, T.M. 16352
Mohan, N.Krishna *see* Krishna Mohan, N.
Mohan, N.Ram *see* Ram Mohan, N.
Mohan, P. *see* Tison, S.A. 46671
Mohan, S., Jain, R. Two user location strategies for personal communications services 37834
Mohan, S., Mazumder, P. Wolverines: standard cell placement on a network of workstations 19961
Mohan, S., Mazumder, P. Analytical and simulation studies of failure modes in SRAMs using high electron mobility transistors 26932
Mohan, S., Mazumder, P., Haddad, G.I., Mains, R.K., Sun, J.P. Logic design based on negative differential resistance characteristics of quantum electronic devices 10077
Mohan, S. *see* Lo, C.N. 37784
Mohan, S. *see* Muralidhar, G.K. 20217
Mohan, S. *see* Naik, A.A. 19511
Mohan, S. *see* Nayak, M.M. 23554
Mohan Rao, G., Krupanidhi, S.B. Pulsed excimer laser ablation of (Pb,La)TiO_3 thin films for dynamic random access memory devices 41431
Mohan Sondhi Man *see* Man Mohan Sondhi
Mohana Dhas, D.Audsin *see* Audsin Mohana Dhas, D.
Mohanan, P. *see* Dey, S. 29324
Mohanan, P. *see* Dey, S. 36369
Mohanan Chettiar, V. *see* Hemachandran, S. 7557
Mohandas, P. *see* Mikheev, V.A. 23931
Mohanty, A., Das, N.K. Low cross-polar, short-pulse radiation characteristics of printed antennas covered by a polarization grating 44564
Mohanty, B. *see* Paloso, G. 16701
Mohanty, N. Satellite earth stations—challenges ahead 30673
Moharari, N.S., Debs, A.S. An artificial neural network based short term load forecasting with special tuning for weekends and seasonal changes 16265
Moharram, O.E. Customer network management systems: load and performance 22441
Mohay, J. *see* Bor, Z. 15911
Mohd Khosru Quazi Deen *see* Quazi Deen Mohd Khosru
Mohebati, A. *see* Liao Jianghong 20876
Mohibullah, Khan, A.A. Digital simulation studies of coal fired MHD generator with different electrode configurations 25785
Mohideen, U., Hobson, W.S., Pearton, S.J., Ren, F., Slusher, R.E. GaAs/AlGaAs microdisk lasers 43899
Mohideen, U. *see* Hobson, W.S. 20771
Mohideen, U. *see* Slusher, R.E. 3620
Mohimann, G.R. *see* Otomo, A. 21002
Mohindra, V. *see* Gray, D.C. 42713
Mohl, D. Transverse space-charge effects in heavy-ion storage rings for inertial-confinement fusion 31570
Mohl, D. *see* Asseo, E. 15383
Mohlenkamp, G. Inverter motor with sinusoidal starting currents, a new solution with 2 DC-links only 8309
Mohlenkamp, G. Inverter motor with sinusoidal starting currents—a survey 40126
Mohler, R.R. *see* Wang, Y. 7785
Mohling, S. *see* Neumann, N. 15024
Mohling, W., Weishart, H., Bauser, E. Dislocations nucleating growth in liquid phase epitaxy of gallium arsenide 9545
Mohlmann, G.R. *see* Horsthuis, W.H.G. 43464
Mohlmann, G.R. *see* Lytel, R. 43520
Mohn, P. *see* Matar, S. 2794
Mohnhaupt, J. *see* Scholz, S. 9480
Mohondro, B. *see* Escher, G. 11076
Mohorko, J., Filip, P., Planinsic, P., Cucej, Z., Donlagic, D. Image coding using pyramid vector quantization of wavelet coefficients 36915
Mohorko, J. *see* Planinsic, P. 36959
Mohos, I. *see* Biri, J. 46996
Mohr, F. *see* von Bernus, L. 16085
Mohr, J. *see* Brenner, K.H. 20369
Mohr, J. *see* El-Kholi, A. 28027
Mohr, J. *see* Muller, A. 30590
Mohr, J. *see* Pantenburg, F.J. 28028
Mohr, J.G.J. *see* Brenner, K.-H. 11663
Mohr, K. *see* Gorlich, S. 39001
Mohr, P. *see* Georgi, W. 6867
Mohr, R. *see* Schellin, R. 6434
Mohr, S. Characterization of plastic optical fibers by optical time-domain reflectometry 3047
Mohr, W. *see* Cygan, D. 45847
Mohr, W. *see* Felhauer, T. 5792
Mohri, K. *see* Panina, L.V. 43275
Mohri, M. *see* Kakinuma, H. 796
Mohri, M. *see* Kakinuma, H. 42931
Mohring, J.-U. *see* Nacke, B. 17621
Mohringer, P., Schuster, K. The complex zone plate 23288
Mohrle, M. *see* Sartorius, B. 35821
Mohrle, W. *see* Horer, J. 43884
Mohsenian, N. *see* Nasrabadi, N.M. 30077
Mohua Yang *see* Yang Mohua
Moi, L. *see* Atutov, S.N. 43890
Moieni, P., Spurgin, A.J., Singh, A. Advances in human reliability analysis methodology. I. Frameworks, models and data 47659
Moieni, P., Spurgin, A.J., Singh, A. Advances in human reliability analysis methodology. II. PC-based HRA software 47660
Moieni, P., Spurgin, A.J., Spurgin, J.P. Use of simulator data on operator response times to support revision of a design standard 39795
Moieni, P. *see* Spurgin, A.J. 39796
Moilanen, H., Leppavuori, L., Uusimaki, A. Direct writing of piezoresistive silicon resistors using laser-induced CVD 11416
Moilanen, H., Leppavuori, S. Determination of low-voltage actuator displacements in d.c. and a.c. electric fields using an optical interferometer 14933
Moine, M. *see* Ducottet, C. 45259
Moingeon, P. *see* Dumont, C. 4860
Moini, A., Bouzerdoum, A., Yakovleff, A., Abbott, D., Kim, O., Eshraghian, K., Bogner, R.E. An analog implementation of early visual processing in insects 18913
Moinian, S. *see* Feldmann, P. 26595
Moinpour, M., Chu, J., Lubic, K., Moghadam, F. Reliability issues of a crack-resistant passivation layer process for sub-micron non-volatile memory technology 34758
Moinpour, M., Leitch, R., Li, J., Thach, D., Moghadam, F. Implications of surface contaminants in a BPSG deposition and reflow process 34706
Moinpour, M., Lubic, K., Nguyen, B., Moghadam, F. Factors affecting the temperature stability of APCVD systems in a rapidly changing semiconductor manufacturing environment 9734
Moinpour, M., Shenasa, M., Sharif, A., Brestovansky, D.F., Guzzo, G.C., Markle, R.J., Wilkes, R. Correlation between in situ gas analysis and the reaction chemistry for LPCVD silicon nitride process in vertical thermal reactors 853
Moinpour, M. *see* Srikrishna, K. 11292
Moir, G.R. *see* Freeman, R.I. 25163
Moir, R.W. Heavy-ion beam and reactor chamber interface design 15485
Moir, T.J. *see* Pettigrew, A.M. 18538
Moisan, E. *see* Murgulescu, M.-H. 34217
Moisan, F. *see* Careme, F. 32255
Moisan, M. *see* Bounasri, F. 2128
Moisan, M. *see* Margot, J. 4142
Moisan, M. *see* Sauve, G. 10388
Moise, J.L. *see* Tattersall, C. 37234
Moise, T.S., Kao, Y.-C., Seabaugh, A.C. Room-temperature operation of a tunneling hot-electron transfer amplifier 42863
Moise, T.S., Seabaugh, A.C., Beam, E.A., III., Kao, Y.-C., Randall, J.N. Room-temperature operation of InGaAs-based hot-electron transistors 19795
Moiseev, A.A. *see* Vavinov, E.V. 8484
Moiseev, K.D. *see* Voronina, T.I. 42416
Moiseev, V.N. *see* Kolechitsky, E.S. 21167
Moisel, J. *see* Bahr, J. 11796
Moisel, J. *see* Brenner, K.-H. 11663
Moisel, J. *see* Brenner, K.H. 20369
Moiseyenko, A.V. *see* Sergeyenko, N.M. 25753
Moiseyenko, A.V. *see* Sergeyenko, N.M. 25758
Moiseyev, V.N. *see* Kolechitskii, Ye.S. 36096
Moisio, M.F. *see* Fortuna, G. 6906
Moisio, T. *see* Sun, Z. 17629
Moisio, U., Virolainen, V.-M. Inventory control and quality system requirements—a case study 425
Moison, B., Papadas, C., Ghibaudo, G., Mortini, P., Pananakakis, G. New method for the extraction of the coupling ratios in FLOTOX EEPROM cells 10147
Moison, J.M., Houzay, F., Barthe, F., Leprince, L., Andre, E., Vatel, O. Self-organized growth of regular nanometer-scale InAs dots on GaAs 18205
Moissenz, P.V. Determining the local coordinate system parameters of detectors 46962
Moisya, R.I. *see* Alebastrov, V.A. 39388
Moitra, S., Pandya, N.R. Studies on electrical treeing in some indigenous XLPE-cables—and a correlation between tree inception voltage and oxidation induction temperature 16375
Moitre, D. *see* Aromatoris, L. 39595
Moitre, D. *see* Reineri, C. 16387
Moix, D.B. *see* Kneubuhl, F.K. 11954
Mok, F. *see* Psaltis, D. 28442
Mok, L.S. Thermal management of silicon-based multichip modules 40969
Mok, L.S. *see* Tong, H.-M. 17919
Mok, P.K.T., Salama, C.A.T. A novel high-voltage high-speed MESFET using a standard GaAs digital IC process 43130
Mok, S. Development of a semi-automatic flip chip placement machine 34372
Mok, T.S. *see* Chan, Y.C. 27325
Mok Jin Il *see* Jin Il Mok
Mok Jun Jung *see* Jung Mok Jun
Mokaddis, G.S., Labib, S.W., El-Said, K.M. Availability analysis of a two dissimilar-unit deteriorating standby system with inspection 450
Mokari, M.E., Fang, W. Simulation of bipolar VLSI circuits using overlapped relaxation technique 11300
Mokari, M.E. *see* Fang, W. 11327
Mokerov, V.G., Medvedev, B.K., Kotel'nikov, I.N., Fedorov, Yu.V. Effect of the surface state of GaAs prior to deposition of Si on the δ-doping process 42652
Mokerov, V.G. *see* Medvedev, B.K. 679
Mokhov, E.N., Saparin, G.V., Roenkov, A.D., Obyden, S.K., Akhmedov, B.A. Transformation of SiC polytypes in growth on profiled substrates 26413
Mokhov, E.N. *see* Vodakov, Yu.A. 28663
Mokhov, N.V. *see* Gabriel, T.A. 31718
Mokhov, V.M. *see* Brouk, V.L. 15456
Mokhtar, A.G. *see* Alim, O.A. 4569
Mokhtari, M., Hameury, H. Digital protection and local area communications network for industrial medium voltage distribution switchgear: philosophy and first field experience 24757
Mokhtari, M. *see* Methot, F. 7323

Mokin, Yu.I. Calculating particular solutions to Poisson's equation in some special cases 41186
Mokina, I.A. *see* Andreev, V.M. 17394
Mokina, I.A. *see* Ber, B.Ya. 42635
Mokler, P. *see* Jennewein, E. 23963
Mokler, S.M., Joyce, B.A. $Si_{1-x}Ge_x$ alloy growth on Si(111) surfaces from gaseous hydride sources 9657
Mokler, S.M. *see* Joyce, B.A. 33615
Mokler, S.M. *see* Ohtani, N. 689
Mokrosinski, A. *see* Dabrowski, J. 8611
Mokrov, Yu.V. *see* Aleinikov, V.E. 15648
Mokrushina, E.V. *see* Sochava, S.L. 3917
Mokwa, W. *see* Kersjes, R. 7321
Mol, C.G.M.de *see* de Mol, C.G.M.
Mol, M. *see* Otto, P. 31044
Mol, M. *see* Sequeira, V. 31047
Mol, R.De *see* De Mol, R.
Molau, N.E. *see* Zacharias, R.A. 39293
Molbaek Hansen, P., Holtse, P., Nielsen, H., Petersen, N.R. Speech synthesis—teaching a computer spoken language 44767
Molchanov, Yu.M. *see* Demidenko, B.Ya. 18342
Moldovan, N. *see* Lang, W. 19488
Moldovan, P., Polczynski, M., Theisen, P. Providing positive physical disconnect for electric vehicle propulsion batteries 48318
Moldoveanu, A. Inductive proximity sensors: fundamentals and standards 15197
Mole, P.J. *see* Howes, R. 43129
Molen, A.Vander *see* Vander Molen, A.
Moler, E. *see* Reich, T. 7307
Molesini, G. *see* Balestri, S. 20938
Molfino, P. *see* Manella, A. 25752
Molho, N. *see* Cantone, M.C. 31534
Molin, A.N., Dikusar, A.I. Electrodeposition of $CuInSe_2$ thin films from aqueous citric solutions. II. Investigation of macrokinetics of electrodeposition by means of rotating disk electrode 33674
Molin, A.N., Dikusar, A.I., Kiosse, G.A., Petrenko, P.A., Sokolovsky, A.I., Saltanovsky, Yu.G. Electrodeposition of $CuInSe_2$ thin films from aqueous citric solutions. I. Influence of potential and mass transfer rate on composition and structure of films 33673
Molin, B.-A. *see* Jonsson, E. 1319
Molina, A. *see* Cullen, P.J. 22847
Molina, C., Bastard, D., Baylou, P., Najim, M. New approach for multi-perceptron architecture design applied to the edge detection problem 21997
Molina, M.I. *see* Tsironis, G.P. 3116
Molina, O.Anton *see* Anton Molina, O.
Molina, S.I., Pacheco, F.J., Garcia, R. Errors in the determination by HREM of steps at AlAs/GaAs interfaces 34586
Molina-Fernandez, I., Camacho-Penalosa, C., Ramos, J.I. Nonlinear wave propagation in transmission lines 4174
Molinari, C. *see* Bellini, S. 5137
Molinari, G. *see* Asseo, E. 15383
Molinari, G. *see* Fernandez-Figueroa, C. 7099
Molinaro, F., Castanie, F. A time-varying Prony model 13454
Molinaro, F., Castanie, F., Denjean, A. Knocking recognition in engine vibration signal using the wavelet transform 13657
Moline, D. Accurately model shunt capacitors 34286
Molinet, F.A. *see* Bouche, D.P. 30892
Molino, M. *see* Di Fabrizio, E. 27925
Molinski, T. *see* Zhang, Z. 32896
Molise, H.C. An electricity user's perspective of demand side management 32314
Molitor, P. A hierarchy preserving hierarchical bottom-up 2-layer wiring algorithm with respect to via minimization 2613
Molitor, P., Sparmann, U., Wagner, D. Two-layer wiring with pin preassignments is easier if the power supply nets are already generated 43075
Mol'kin, V.V. *see* Lebedev, S.F. 14362
Moll, A.J., Ager, J.W., III, Kin Man Yu, Walukiewicz, W., Haller, E.E. The effect of coimplantation on the electrical activity of implanted carbon in GaAs 19535
Moll, A.J., Ager, J.W., III, Kin Man Yu, Walukiewicz, W., Haller, E.E. Implantation of carbon in GaAs and compensating native defects 42638
Moll, A.J., Walukiewicz, W., Yu, K.M., Hansen, W.L., Haller, E.E. The effect of co-implantation on the electrical activity of implanted carbon in GaAs 2045
Moll, A.J. *see* Kin Man Yu 42644
Moll, G. *see* Amor, H. 30992
Moll, G. *see* Eitz, G. 5438
Moll, J.L. *see* Oh, S.-Y. 2216
Moll, N., Feng, M., Laskar, J. Comment on "On the speed and noise performance of direct ion-implanted GaAs MESFET's" 35032
Molla, J., Ibarra, A., Margineda, J., Zamarro, J.M., Hernandez, A. Dielectric property measurement system at cryogenic temperature and microwave frequencies 15166
Mollard, J. *see* Richard, J.-L. 48295
Molle, J.W.Dalle *see* Dalle Molle, J.W.
Molle, M.L. *see* Polyzos, G.C. 45335
Molle, P., Ullmann, H., Gros, B., Fugier, P., Demolliens, O. SOG etch-back planarization process: an industrial solution for 0.5 μm CMOS TLM technology 20010
Mollenauer, L.F., Gordon, J.P. Birefringence-mediated timing jitter in soliton transmission 44096
Moller, A.M. Equivalence of policing mechanisms 14058
Moller, B., Fiedler, U., Wipiejewski, T., Zeeb, E., Panzlaff, K., Ebeling, K.J. Generation of 40 Gbit/s RZ data rates by gain switching of vertical cavity laser diodes 38095
Moller, B. *see* Surmann, H. 9915
Moller, B.A., Jensen, L., Laurent-Lund, C., Thirstrup, C. Silica-waveguide thermooptic phase shifter with low power consumption and low lateral heat diffusion 43500
Moller, F., Buff, W. Electromagnetic feedthrough in Si/ZnO-SAW-devices 2780
Moller, H., Sachs, G. Synthetic vision for improving flight control in night, poor visibility and adverse weather conditions 39275
Moller, H., Sachs, G. Synthetic vision for enhancing poor visibility flight operations 47181
Moller, H. *see* Boebel, F.G. 6842
Moller, H.J. *see* Hakimzadeh, R. 8764
Moller, H.M. Systems of algebraic equations solved by means of endomorphisms 9457
Moller, K. *see* Frohlich, K. 8701
Moller, P. *see* Matyas, R. 37737
Moller, R. *see* Koslowski, B. 27481
Moller, R.G. Distance-transitivity in infinite graphs 41065
Moller, S.P. ASTRID—a small multi-purpose storage ring 6902
Moller, T. *see* Larsson, C.U.S. 31806
Moller, W., Hube, K., Hunerhoff, D. Uncertainty of OTDR loss scale calibration using a fiber standard 28463
Mollet, J.W.Dalle *see* Dalle Mollet, J.W.
Mollmann, K., Gellermann, W. Passive stabilization of a synchronously mode-locked NaCl color-center laser by coherent photon seeding 43816
Mollmann, K.-P., Happ, M. Evidence of coherent quantum 1/f-noise in long n^+p diffusion-current-dominated (Hg,Cd)Te photodiodes 28646
Mollot, F. *see* Aristone, F. 42511
Mollot, F. *see* Dutisseuil, E. 34594
Molloy, J. *see* Liu, J.S. 41406
Molloy, R., Parasuraman, R. Monitoring automation failures: effects of automation reliability and task complexity 15955
Molloy, S.J. *see* Yu, C.H.D. 19851
Molly, K.J. *see* Lott, J.A. 28813
Molnar, B., Kennedy, T.A., Glaser, E.R., Dietrich, H.B. Observation of ion-implantation-damage-created *n*-type conductivity in InP after high-temperature annealing 19506
Molnar, I. *see* Ichim, I. 41123
Molnar, J. *see* Denby, B. 7272
Molnar, M. *see* Huba, M. 40235
Molnar, R.J., Lei, T., Moustakas, T.D. High mobility GaN films produced by ECR-assisted MBE 18196
Molnar, R.J. *see* Moustakas, T.D. 9735
Molnar, R.J. *see* Moustakas, T.D. 18195
Moloney, J.V., Jakobsen, P.K., Lega, J., Newell, A.C. Patterns and weak optical turbulence in wide-aperture lasers 28948
Moloney, J.V. *see* Ehrlich, J.E. 3872
Moloney, J.V. *see* Ru, P. 12245
Moloney, J.V. *see* Ru, P. 43832
Moloney, M.H., Hegarty, J., Buydens, L., Demeester, P., Grey, R., Woodhead, J. Strain effects on carrier lifetimes in InGaAs/(Al)GaAs multiple quantum wells 10723
Molony, A. *see* Sugden, K. 44145
Molotkov, S.L. Special features of measuring the coordinates of reflectors and setting a depth gage of UD2-17 ultrasound flaw detector 41523
Molotkov, S.N. Spin-dependent current fluctuations in quantum wells 1889
Molpeceres, C. *see* Ocana, J.L. 21128
Molpeceres, C. *see* Ocana, J.L. 21138
Mols, P.P.G. *see* Kuindersma, P.I. 5984
Mols, P.P.G. *see* Kuindersma, P.I. 38132
Molsen, H., Kitzerow, H.-S. Bistability in polymer-dispersed ferroelectric liquid crystals 28525
Molter, L.A. *see* Jones, D.J. 43432
Molthagen, K. *see* Behrens, U. 31736
Moltz, D.M. *see* Davids, C.N. 24115
Molva, E. *see* Legras, R. 43876
Molva, R., Samfat, D., Tsudik, G. Authentication of mobile users 45820
Molva, R., Tsudik, G., Van Herreweghen, E., Zatti, S. KryptoKnight authentication and key distribution system 22550
Molyneaux, D.A., Qureshi, A.H. Quadrature coil system for simultaneous reception 44265
Mombauer, N. Protection of stored information during power failure with digital devices and instruments—a new NAMUR-recommendation 14890
Mombauer, W., Week, K.-H. Load modelling for harmonic flow calculations 24907
Mombelli, B. *see* Barriere, A.S. 34510
Momiyama, Y. *see* Sato, A. 18721
Momma, T. *see* Osaka, T. 28316
Momma, T. *see* Osaka, T. 40406
Momma, T. *see* Osaka, T. 48060
Mommaert, C. *see* Konijn, J. 24087
Momodomi, M. *see* Aritome, S. 41883
Momoh, J.A., Austin, R.F., Adapa, R., Ogbuobiri, E.C. Application of interior point method to economic dispatch 24800
Momoh, J.A., Brown, G.F. Evaluation of distributed expert systems for power system operations and planning 32367
Momoh, J.A., Chuku, A.U., Dias, L.G., Zhang, Z.Z. Integrated detection and protection schemes for high-impedance faults on distribution systems 24930
Momoh, J.A., Lusaka, P.J., Adapa, R., Ogbuobiri, E.C. Heuristic-based algorithms for enhancing interior point based OPF 39498
Momoh, J.A. *see* Butler, K.L. 24625
Momose, H. *see* Berthold, G. 42536
Momose, H.S. *see* Saito, M. 34957
Momose, K., Ishihara, Y., Uchiyama, A. A stimulator using color cards for measuring visual evoked potential 31936
Momose, T. *see* Ishimaru, H. 7004
Momose, T. *see* Ishimaru, H. 15316
Momot, I., Garbarczyk, J.E., Wasiucionek, M., Jakubowski, W. Electrical properties of the $x\,Na_2O.(1-x)\,(0.6\,V_2O_5.0.4\,P_2O_5)$ glasses for $0.1 \leqslant x \leqslant 0.5$ 42445
Momotake, T. *see* Ogimoto, K. 16170
Mon-Song Chen, Zon-Yin Shae Multiparty talks 14297
Mon-Song Chen *see* Kandlur, D. 37609
Mon-Song Chen *see* Yu, P.S. 13964
Monaci, T. *see* Denard, J.-C. 7098
Monaco, G. *see* Gazzotti, F. 48216
Monaco, R. *see* Oliva, A. 43363
Monaco, V.A. *see* Filicori, F. 27216
Monaghan, S., Cowen, C., Noakes, P.D. Using FPGAs to implement reconfigurable DSP architectures? 41792
Monaghan, T.F. Status of the Advanced Avionics Subsystem Technology (AAST) fault tolerance demonstration 39269
Monaghan, T.P. Navy fault tolerant validation efforts 39174
Monahan, G.P. *see* Heron, P.L. 1424
Monahan, G.P. *see* Heron, P.L. 36436
Monahan, K.M., Toro-Lira, G., Davidson, M.P. A new low-voltage SEM technology for imaging and metrology of submicrometer contact holes and other high-aspect-ratio structures 23880
Monahan, T.P. *see* Chi-Hsien Lin 9790
Monakov, A.A. Estimation of the covariance matrix for dependent signal samples: polarization diversity systems 44864
Monaldo, F.M., Gerling, T.G., Tilley, D.G. Comparison of SIR-B SAR wave image spectra with wave model predictions: implications on the SAR modulation transfer function 39400
Monarch, I. *see* Subrahmanian, E. 9208
Monarski, T.W. *see* Taylor, E.W. 11711
Monasterolo, G. *see* Afshari, A. 17619
Monastyrskii, Z.Ya. Automation of simulative checking of capacitance level-gauges 31170
Moncalvo, A. Trends of the distribution network [telephony] 22462
Monch, W. Metal-semiconductor contacts: electronic properties 27589
Monchaud, S.A. *see* Duinhoven, J. 15037
Monchenault, G.Hamel de *see* Hamel de Monchenault, G.
Moncorge, R. *see* Li, C. 43779
Moncorge, R. *see* Manaa, H. 3550
Moncorge, R. *see* Souriau, J.C. 35736
Mondal, D. *see* Biswas, B.N. 19047
Mondal, M.A. *see* Das, A.K. 43423
Mondal, R.K. *see* Gangopadhyay, T.K. 38527
Mondelaers, W. *see* Govaert, K. 31556
Mondin, M. *see* Benedetto, S. 29446
Mondin, M. *see* Benedetto, S. 44679
Mondin, M. *see* Benedetto, S. 44704
Mondino, P.L. *see* Bonicelli, T. 8580
Mondon, F. *see* Daviet, J.-F. 2160
Mondon, F. *see* Daviet, J.-F. 2637
Mondragon, J.J.Sanchez *see* Sanchez Mondragon, J.J.
Mondry, G. *see* Doll, P. 46965
Mondry, M.J. *see* Chuang, Z.-M. 20579
Monemar, B. *see* Henry, A. 19578
Moneo, J.R.deF., Abbad, F., Juvells, I., Vallmitjana, S. Digital techniques for the reduction of the transparented ink in old documents 29898
Monerie, M. *see* Allain, J.Y. 3545
Monerie, M. *see* Allain, J.Y. 3548
Mones, A. *see* Gallo, S. 17855
Monet-Descombey, C. *see* Couprie, M.E. 7020
Monfort Martin, F. Control switching implementation of the BIPED demonstrator 13999
Mong, F.Y. *see* Ip, H.H.S. 13717
Mong Lee Chung *see* Chung Mong Lee
Mongardien, D., Moronvalle, C., Deborgies, F. Microwave signal distribution using an optical amplifier 5951
Mongeon, S. *see* Chen, B. 20026
Monghua Xia *see* Ting Mei 31292
Mongia, R.K., Arora, R.K. Equivalent circuit parameters of an aperture coupled open resonator cavity 18984
Mongia, R.K. *see* Ittipiboon, A. 12744

Mongiardo, M., Rozzi, T. Continuous spectrum, characteristic modes, and leaky waves of open waveguides 21324
Mongiardo, M. *see* Alessandri, F. 1443
Mongiardo, M. *see* Alessandri, F. 1459
Mongiardo, M. *see* Alessandri, F. 19017
Mongiardo, M. *see* Alessandri, F. 19130
Mongiardo, M. *see* Alessandri, F. 29379
Mongiardo, M. *see* Cerri, G. 27119
Mongiardo, M. *see* Menzel, W. 44519
Mongiardo, M. *see* Righi, M. 4191
Mongiardo, M. *see* Sorrentino, R. 27164
Moni, R.S. *see* Prasad, M. 47493
Monica, S.La *see* La Monica, S.
Monich, E.A. *see* Buzulutskov, A.F. 31767
Monich, G., Oelschlager, M. TEM simulation by near field coupling to a set of transmission line elements 36294
Monich, G. *see* Wehr, M. 44391
Monich, M., Bailleul, G. Capacitive measurement system for blade clearances 23408
Monier, C. *see* Courboules, B. 41266
Monier, L. *see* Jouppi, N.P. 27001
Monier, L.M. *see* Jouppi, N.P. 26965
Moniwa, A., Terasawa, T., Hasegawa, N., Okazaki, S. Algorithm for phase-shift mask design with priority on shifter placement 27848
Monjau, D. *see* Glunz, W. 953
Monk, A.D. *see* Clarricoats, P.J.B. 29302
Monk, D.J., Soane, D.S., Howe, R.T. Hydrofluoric acid etching of silicon dioxide sacrificial layers. I. Experimental observations 19594
Monk, D.J., Soane, D.S., Howe, R.T. Hydrofluoric acid etching of silicon dioxide sacrificial layers. II. Modeling 19595
Monkhouse, P.J., Allen, T., Mellor, P.H., Howe, D. An advanced drive-train for electric racing vehicles 17571
Monkhouse, P.J. *see* Allen, T. 17572
Monkman, A.P. *see* Barker, P.S. 23754
Monkman, G.J., Taylor, P.M. Thermal tactile sensing 23515
Monllor, C. *see* Benech, Ph. 23624
Monnard, R. *see* Carlin, J.F. 9649
Monne, J. *see* Sorin, C. 21700
Monne, J. *see* Sorin, C. 36630
Monnier, B. *see* Morel, J. 8065
Monnier, B. *see* Morel, J. 25142
Monnier, J. *see* Borel, J. 34184
Monnier, J.D. *see* Giordano, N. 10784
Monnier, R. *see* Tourtier, P.J. 46216
Monnom, G. *see* Pikhtin, N. 12053
Monnot, M. *see* Chiaroni, D. 37687
Monnot, M. *see* Doussiere, P. 43932
Monogioudis, P.N., Tafazolli, R., Evans, B.G. Linear adaptive fractionally spaced equalisation of CDMA multiple-access interference 5189
Monogioudis, P.N., Tafazolli, R., Evans, B.G. Performance of adaptive nonlinear NEFAR CDMA receiver architecture 37081
Monova, E. *see* Gladkov, P. 9621
Monovsky, V.K. *see* Nikolov, I.D. 30043
Monrad, L.G., Skov, K. Practical calibration of antennas for use at radiation measuring test sites, 30-1000 MHz 36368
Monro, D.M. Generalized fractal transforms: complexity issues 4846
Monro, D.M., Dallas, J.A., Nicholls, J.A., Cripps, M.D., Crossland, W.A. An optically connected parallel machine 28550
Monro, D.M., Sherlock, B.G. Optimum DCT quantization 4841
Monro, D.M. *see* White, H.J. 11795
Monroe, D., Xie, Y.-H., Fitzgerald, E.A., Silverman, P.J. Transport in high-mobility $Si_{1-x}Ge_x$ heterostructures grown by molecular-beam epitaxy 10704
Monroe, D. *see* Fitzgerald, E.A. 42459
Monroe, D. *see* Radermacher, K. 10741
Monroe, D. *see* Watson, G.P. 18222
Monroe, M. *see* Sivitanides, M.P. 32274
Monroe, S.E., Jr., Soutar, C., Juday, R.D. Laboratory implementation of optimal filter algorithms for coupled spatial light modulators 36857
Monroe, S.E., Jr. *see* Soutar, C. 28529
Monroe Don *see* Don Monroe
Monsay, E.H., Baldwin, K.C., Caccuitto, M.J. Photonic true time delay for high-frequency phased array systems 38163
Monserie, C., Mortini, P., Ghibaudo, G., Pananakakis, G. Breakdown characteristics of gate and tunnel oxides versus field and temperature 1954
Monserie, C., Papadas, C., Ghibaudo, G., Gounelle, C., Mortini, P., Pananakakis, G. Correlation between negative bulk oxide charge and breakdown: modeling, and new criteria for dielectric quality evaluation 43154
Monserie, C. *see* Papadas, C. 2523
Monserie, C. *see* Papadas, C. 27595
Monseu, P. *see* Riffont, A. 25215
Monsion, M. *see* Alkhatib, B. 32229
Monta, K., Itoh, J., Makino, M. An advanced man-machine system for BWR nuclear power plants 39760
Montag, C. *see* Rathmann, F. 6941
Montagna, M. *see* Granelli, G. 24696
Montagna, M. *see* Granelli, G.P. 16163
Montagna, R. *see* Drogo de Iacovo, R. 14311
Montagne, J.E., Ingelsakis, G., Autric, M. High energy, long pulse, e-beam driven KrF laser 11997
Montagnoli, G. *see* Signorini, C. 31799
Montagnon, B. A microcontroller in a washing machine 25953
Montague, T.J. *see* Kornreich, F. 39051
Montalbetti, M. Instrumentation for the inspection and testing of electrical installations 32497
Montalti, F. *see* Calantoni, A. 5908
Montana, D.J. Genetic optimization of the parameters of a track-while-detect algorithm 36664
Montana, D.J. Genetic search of a generalized Hough transform space 38169
Montana, R.A. *see* Downtain, D.A. 32545
Montanari, G.C., Cacciari, M. Statistical approach for determining breakdown voltage of gas-insulated cables 24947
Montanari, G.C., Simoni, L. Aging phenomenology and modeling 20055
Montanari, G.C. *see* Cacciari, M. 43218
Montanari, G.C. *see* Cavallini, A. 47341
Montanari, G.C. *see* Mazzanti, G. 35156
Montanari, I. *see* Lia, G.M.A. 25329
Montanari, N. Breezing into the next century [wind power] 32819
Montanaro, S. *see* Cicinelli, E. 47094
Montaner, D. *see* Montgomery, P.C. 1844
Montangero, P., Azzini, G.A., Liberatore, M., Mancini, M., Pederzini, E., Serra, L. A SOM approach to the failure physics of optoelectronic devices 43608
Montangero, P. *see* Serra, L. 20843
Montanino, M. *see* Marchetta, C. 192
Montano, F. *see* Adam, W. 7259
Montano, F. *see* Adam, W. 31715
Montano, F. *see* Adam, W. 46929
Montano, J.-C., Lopez, A., Castilla, M., Gutierrez, J. DSP-based algorithm for electric power measurement 6721
Montano, J.C. *see* Gutierrez, J. 32196
Montano, N. *see* Porta, A. 36751
Montaron, J. *see* Dentan, M. 34183
Monte, E., Ardevol, H., Marino, J.B. Training of hidden Markov models with a genetic algorithm 13130
Montecchi, F. *see* Baschirotto, A. 42039
Montecchi, M. *see* Masetti, E. 10897
Montegut, M. *see* Bridgeman, B. 23807
Monteil, Y. *see* Stoehr, M. 9645
Monteiro, E., Boavida, F., Freitas, V. A fairness analysis of LAN/WAN protocol relays 14146
Monteiro, E., Boavida, F., Freitas, V. LAN/WAN interconnection: congestion control in X.25 protocol relays 45618
Monteiro, J., Kukula, J., Devadas, S., Neto, H. Bitwise encoding of finite state machines 41841
Monteiro, P. *see* Matos, J.N. 30294
Monteiro, P. *see* Matos, J.N. 30770
Montenero, A. *see* Gusmano, G. 18239
Montera, D.A., Rogers, S.K., Ruck, D.W., Oxley, M.E. Object tracking through adaptive correlation 36860
Montera, D.A., Rogers, S.K., Ruck, D.W., Oxley, M.E. Object tracking through adaptive correlation 47320
Montero, C. *see* Linares, J. 29236
Montero, J. Reliability bounds for multicriteria systems 449
Montes, C., Mamhoud, A., Picholle, E. Bifurcation in a CW-pumped Brillouin fiber-ring laser: coherent soliton morphogenesis 35725
Montesano, C. *see* Martin, M.J. 27194
Montesinos, J.L. *see* de Gracia, J. 6430
Montesperelli, G. *see* Gusmano, G. 18239
Monteyne, M. *see* de Viron, F. 16259
Montgomery, A. *see* Elleby, P. 10803
Montgomery, C.R. Flip chip assemblies using conventional wire bonding apparatus and commercially available dies 19278
Montgomery, E.E., IV *see* Bennett, H.E. 47450
Montgomery, J. *see* Liu, H.X. 34739
Montgomery, J. *see* Przybylski, M. 28748
Montgomery, J.P., Kaufman, D., Seals, J. A large W-band slotted waveguide array 44626
Montgomery, N.W. *see* Wilton, D.R. 12710
Montgomery, P.C., Vabre, P., Montaner, D., Fillard, J.P. Characterization of III-V materials by optical interferometry 1844
Montgomery, R.E., Dubus, B. An analytical evaluation of turbulence-induced flexural noise in planar arrays of extended sensors 16064
Montgomery, R.K. *see* Feygenson, A. 10475
Montgomery, R.K. *see* Witmer, S.B. 2471
Montgomery, R.S. *see* Williams, J.R. 4620
Montgomery, S.T. *see* Stultz, R.D. 35975
Month, M. *see* Dienes, M. *(editor)* 26092
Monti, A. *see* Chiesa, F. 8854
Monti, A. *see* De Prisco, R. 35047
Monti, C. *see* Chung, K. 34421
Monti, M. A robot for recording analog multifacet holograms 36049
Monti, P. *see* Dambra, C. 14692
Monticelli, A. Modeling circuit breakers in weighted least squares state estimation 25571
Monticelli, L. EEPROM: serial but intelligent 18707
Monticelli, L. Boundary scan technology 40905
Monticone, E. *see* Brunetti, L. 23625
Montiel, J.A., Armas, V., Fay, D.Q.M., Nunez, A. Using the ES2 library and SILOS simulator in the development of a single chip with three processors and analog IO 41557
Montigny, C.von *see* von Montigny, C.
Montijano, J.I. *see* Gonzalez-Pinto, S. 33559
Montijo, A., Rush, K. Accuracy in interleaved ADC systems 34129
Montmayeul, R. *see* Dien, Y. 39692
Montmayeul, R. *see* Dien, Y. 39758
Montolivo, E. *see* Bucci, M. 44651
Montoro, C.G. *see* Schneider, M.C. 18859
Montoro, G. *see* Bertran, E. 40237
Montorsi, G. *see* Benedetto, S. 29446
Montorsi, G. *see* Benedetto, S. 44679
Montorsi, G. *see* Benedetto, S. 44704
Montoya, A., March, C., Mocholi, A., Abad, A., Manclus, J.J., Ferrero, J.M. Electrochemical assays based on enzyme-electrode systems to determine glycerol and propylene glycol in tobacco casing 6601
Montoya, R.J. Using tester repeatability to improve yields 6318
Montpellier, P. Mechanized laying of 200 km HTA cable in Guadeloupe 47555
Montree, A.H., Meijssen, V.M.H., Woerlee, P.H. Comparison of buried and surface channel PMOS devices for low voltage 0.5 μm CMOS 20002
Montree, A.H. *see* Woerlee, P.H. 20007
Montress, G.K., Parker, T.E., Kress, D.W., Kosinski, J.A. Design and performance of a low noise, wide tuning range AQP SAW delay line VCO 18518
Montress, G.K. *see* Parker, T.E. 20113
Montreuil, L. Performance of coded QPSK modulation for the delivery of MPEG-2 stream compared to analog FM modulation 45150
Montrimas, E., Garshva, G., Rinkunas, R. Technique for determining electric parameters of electrostatic papers 15171
Montrimas, E. *see* Kalade, J. 3311
Montross, C.S. *see* Dokiya, M. 16737
Montrosset, I. *see* Hui, R. 3601
Montrosset, I. *see* Hui, R. 12105
Montrosset, I. *see* Hui, R. 35809
Montrosset, I. *see* Hui, R. 44079
Montrosset, I. *see* Perrone, G. 11655
Monts, D.L. *see* Cook, R.L. 25805
Montserrat, J. *see* Acero, M.C. 27707
Montserrat, J. *see* Calvo, L. 34792
Montserrat, J. *see* Perez-Rodriguez, A. 10866
Montuschi, P., Ciminiera, L. Over-redundant digit sets and the design of digit-by-digit division units 41799
Montuschi, P., Ciminiera, L., Giustina, A. A division architecture combining Newton-Raphson approximations and direct methods iterations 26796
Monzani, F. *see* Frontera, F. 15669
Monzon, J.C. On surface integral representations: validity of Huygens' principle and the equivalence principle in inhomogeneous bianisotropic media 36103
Monzon, J.C. *see* Weiglhofer, W.S. 4033
Monzon, L., Rodriguez, M.R., Escalada, G. A module for syntactic analysis for use in a text-voice conversion system in Castilian 12989
Moo Park Hyung *see* Hyung Moo Park
Moo-Song Kim *see* Min-Suk Lee 9715
Moochalla, S. *see* Katz, A. 1593
Moodie, D. *see* Johnstone, W. 5962
Moody, D.B. *see* Myers, D.R. 45121
Moody, G.B. ECG-based indices of physical activity 39045
Moody, G.B. *see* Chow, H.-S. 24310
Moody, G.B. *see* Jager, F. 24318
Moody, H. *see* Takats, P. 37740
Moody, J., Flynn, P.J., Cohn, D.L. Parallel hypothesis verification 4822
Moody, J.C. *see* Chadwick, D.J. 39317
Moody, J.C. *see* Eckstein, B. 37863
Moody, M.P., Ong, S. On the confidence level of speaker identification using statistical measures on reflection coefficients 13043
Moody, R.A. *see* Huq, S.E. 28040
Moody, S.E. *see* Bowers, M.S. 20648
Moody, S.M. *see* Banks, V.A.A. 16349
Moog, C.H. *see* Glumineau, A. 8322
Moog Kim Jeong *see* Jeong Moog Kim
Moohwan Kim *see* Chanyoung Chung 47657
Mook, D.J. *see* Crassidis, J.L. 7540
Mookerjee, G., Kapron, J.C. Continuous emission monitoring and its data acquisition system (DAS) to comply with Federal Clean Air Act Amendments 32690
Mookerjee, R. Segmentation: a technique for adapting high-performance logic ATE to test high-density, high-speed SRAMs 10182
Moon, C.W., Stephan, P.R., Brayton, R.K. Specification, synthesis, and verification of hazard-free asynchronous circuits 41601
Moon, E.E. *see* Moel, A. 27897
Moon, E.E. *see* Yanof, A.W. 27979
Moon, H.S. *see* Jong-Wan Park 34661
Moon, J.H. *see* Jeong, J.I. 33677
Moon, P., De Jager, G. An heuristic graph searching algorithm to find the boundary of apple images 13835

Moon, S., Hwang, J.-N. Noisy speech recognition via wavelet transform enhancement 29527
Moon, S. *see* Lee, J. 22440
Moon, T. *see* Argast, J. 36816
Moon, T.J. *see* Fu-Shin Lee 29102
Moon, T.K. *see* Xie, Z. 5192
Moon, U.-K., Song, B.-S. A low-distortion 22 kHz 5th-order Bessel filter 27054
Moon, W. *see* Singhroy, V. 32074
Moon Byeong Yeon *see* Byeong Yeon Moon
Moon Gi Kang, Katsaggelos, A.K. Regularized iterative image restoration based on an iteratively updated convex smoothing functional 36817
Moon Gun Woo *see* Gun Woo Moon
Moon Hwan Seong *see* Hwan Seong Moon
Moon In Ho *see* In Ho Moon
Moon Jung Chung *see* Engelsma, J.R. 30515
Moon Jung Chung *see* Hsu, W.-J. 30386
Moon Key Lee, Bo Na Lee, Young Jun Lee Signal conditioning circuitry for silicon pressure sensor 14998
Moon Kim Jae *see* Jae Moon Kim
Moon Seung-Chan *see* Seung-Chan Moon
Moon Shick Chung, Heung Rak Kim, Ji Eun Lee, Bum Man Kim, Bong Koo Kang A via-hole process for GaAs MMIC's using two-step dry etching 1579
Moon Tae-Hun *see* Tae-Hun Moon
Moon Un-Ku *see* Un-Ku Moon
Moon-Teak Cho *see* Yon-Tack Chung 11185
Moon-Yong Lee *see* Ho-Young Kang 2279
Moon-Yong Lee *see* Woo-Sung Han 11074
Moonan, D.W., Fischer, G. Design, fabrication, and testing of a 12-bit sigma-delta analog to digital converter 18827
Moondanos, J., Abraham, J. Sequential redundancy identification using verification techniques 1162
Moondanos, J. *see* Hoskote, Y.V. 41733
Moonen, M. *see* Deprettere, E.F. 36742
Moonen, M. *see* Vanpoucke, F. 36739
Moonen, M. *see* Vandewalle, J. *(editor)* 9127
Mooney, J.M. *see* Caefer, C.E. 32154
Mooney, J.M. *see* Tzannes, A.P. 31287
Moonhyun Yoo *see* Hyunchul Shin 41571
Moonil Kim, Sovero, E.A., Hacker, J.B., De Lisio, M.P., Jung-Chih Chiao, Shi-Jie Li, Gagnon, D.R., Rosenberg, J.J., Rutledge, D.B. A 100-element HBT grid amplifier 34279
Moonil Kim, Sovero, E.A., Hacker, J.B., De Lisio, P., Rosenberg, J.J., Rutledge, D.B. A 6.5 GHz-11.5 GHz source using a grid amplifier with a twist reflector 34252
Moons, H., Verbaeten, P. Object invocation in the COMET open distributed system: the dialogue model 45538
Moons, M. HDSL: a new lease of life for copper? 22691
Moons, M. HDSL: a new lease of life for copper? 22692
Moons, T. *see* Pauwels, E.J. 30072
Moor, B.De *see* De Moor, B.
Moor, P.De *see* De Moor, P.
Moore, A. New life for GaAs emitters 20564
Moore, A. *see* Murison, R. 20840
Moore, A.H. *see* Cockerill, T.M. 20833
Moore, A.J., Santoyo, F.M., Tyrer, J.R. Algorithm for calculating phase from ESPI addition fringes 31524
Moore, A.L. *see* Gust, D. 42334
Moore, B. *see* Carey, R. 31749
Moore, B.A. *see* Feldman, S.F. 28899
Moore, B.C.J., Glasberg, B.R., Stone, M.A. Effect on the speech reception threshold in noise of the recovery time of the compressor in the high-frequency channel of a two-channel aid 24358
Moore, B.D. Mixed and multiple voltages for PCMCIA cards 1225
Moore, B.D. Regulator topologies standardize battery-powered systems 33889
Moore, B.D. Step-up/step-down converters power small portable systems 33895
Moore, B.D. Regulator structures for battery-operated systems 41627
Moore, C. Forth: an enabling technology 26577
Moore, C. *see* Oleynik, G. 46322
Moore, C.A. *see* Tsuo, Y.S. 17399
Moore, C.B., Ast, D.G. Anomalous behavior in the resistivity of n-i-n polysilicon resistors after hydrogenation 10645
Moore, C.D., Coleman, R., Goderre, G., Yang, M. Tevatron extraction modeling 15401
Moore, C.F. *see* Martin, M.Z. 31504
Moore, C.J.L., Hennessy, J. The effects of probe power on the spatial variation of the room temperature photoluminescence wavelength of an InGaAsP epitaxial structure 1845
Moore, C.J.L., Hennessy, J. The effects of probe spot size and sampling grid density on process control values derived from photoluminescence mapping 1846
Moore, C.R., Penn, J.E. Custom design of monolithic microwave integrated circuits 42247
Moore, C.R. *see* Becker, M.C. 10195
Moore, D. *see* McNeill, M.D. 43564
Moore, D. *see* Rogala, M. 46249
Moore, D.F., Lutwyche, M.I., Hoole, A.C.F. Fabrication of freestanding structures and proposed applications in tunneling sensors 31193
Moore, D.F., Lutwyche, M.I., Hoole, A.C.F. CMOS compatible micromachined resonators 46391
Moore, D.F. *see* Hoole, A.C.F. 27411
Moore, D.R., Daniel, H.S., Tekippe, V.J. Optical performance of recladded couplers 3039
Moore, D.R., Tekippe, V.J., Fechner, R., Bernhardt, S. Recent advances in fused fiber optic coupler technology 35343
Moore, E.L. *see* Goldsmith, P.F. 38571
Moore, F. *see* Tadayon, B. 1853
Moore, G. Learning from success—an introduction to the Engineers to Japan Scheme 9172
Moore, G. A unique approach to teaching managers 9174
Moore, G. The Engineers to Japan scheme: two case studies 26115
Moore, G.I. Simple mechanical forced damped oscillator with electronic output 38591
Moore, J., Ling, H., Liang, C.S. The scattering and absorption characteristics of material-coated periodic gratings under oblique incidence 29194
Moore, J. *see* Ling, H. 21216
Moore, J.A. *see* Dabral, S. 294
Moore, J.B. *see* Krishnamurthy, V. 4615
Moore, J.D., Herman, P.R., Potyrailo, R.A. Photoablation study of III-V semiconductors with 193 nm ArF and 157 nm F_2 laser radiation 19584
Moore, J.D. *see* Herman, P.R. 19602
Moore, J.E., Shepphard, J., Pizzacaroli, J., Lyman, P., Warren, H.R. RADARSAT: the bus and solar array 32038
Moore, K. *see* Becher, C. 384
Moore, K. *see* Habib, K. 43253
Moore, K.E., East, J.R., Haddad, G.I., Brock, T. Effects of gate recess depth on very high performance 0.1 μm GaAs MESFET's 19917
Moore, K.J. *see* Bigenwald, P. 42422
Moore, L. *see* Nathanson, F. 23175
Moore, L.F. *see* Williamson, F.R. 23190
Moore, M.B. *see* Marlow, B.K. 6463
Moore, M.D. *see* Fatic, V.M. 18440
Moore, M.W. *see* Szebesta, D. 3008
Moore, P. Artificial intelligence: a feasibility study into a fault diagnosis system with Hewlett-Packard's customer service centre 46303
Moore, P. *see* Aggarwal, R. 16446
Moore, P. *see* Webster, S. 1297
Moore, P.J., Weiss, J.M., Davis, S.B. EPRI/TVA Kingston Units 1-9. Phase 1 controls upgrade 8194
Moore, P.K., Flaherty, J.E. High-order adaptive finite element-singly implicit Runge-Kutta methods for parabolic differential equation 609
Moore, P.L. *see* Nugent, M.J. 16663
Moore, P.M., Tran, Q.T. Signal-dependent kernel for reduction of time-domain cross terms in time-frequency distributions 13338
Moore, R. *see* Abbott, B. 7245
Moore, R. *see* Bernacki, S. 35199
Moore, R. *see* Li, G.P. 12160
Moore, R. *see* Pakulski, G. 34871
Moore, R. *see* Pakulski, G. 35820
Moore, R.A., Benedetto, J., Rod, B.J. Total dose effect on ferroelectric PZT capacitors used as non-volatile storage elements 35191
Moore, R.A. *see* Benedetto, J.M. 20051
Moore, R.A. *see* Panwar, O.S. 26516
Moore, R.B. *see* Backe, H. 47013
Moore, R.D. *see* Carver, G.E. 2576
Moore, R.M. Solar-gas combined cycle power plant 32802
Moore, R.S. *see* Abbott, B. 31776
Moore, S. Bipolar, CMOS, and BiCMOS process technology implications for IC partitioning of mixed signal hard disk drive data path and servo/spindle control functions 10341
Moore, S.W., Gardner, J.W., Hines, E.L., Gopel, W., Weimar, U. A modified multilayer perceptron model for gas mixture analysis 6634
Moore, T. Framework for utility data highways 7811
Moore, T. Charging up for electric vehicles 8903
Moore, T. A brighter future for PFBC 25218
Moore, T. Advanced combustion turbines set for take off 32743
Moore, T. Human performance in the spotlight 40648
Moore, T. An introduction to the global positioning system and its applications 46125
Moore, T. Hazardous air pollutants: measuring in micrograms 47743
Moore, T.A. *see* Gust, D. 42334
Moore, T.D., Turner, S., Speake, C.C. A capacitance displacement transducer with large dynamic range, good linearity and frequency read-out 23570
Moore, W. *see* Hebert, T. 15720
Moore, W.R. Computer simulation of a laboratory oscilloscope 9165
Moore, W.T., SpringThorpe, A.J., Lester, T.P., Eicher, S., Surridge, R.K., Hu, H., Miner, C.J. The effect of emitter layer variations on the current gain of AlGaAs-GaAs heterojunction bipolar transistors grown by chemical beam epitaxy 42881
Moores, B.M. The role of phantoms in standardisation of the radiological process 24161
Moorhead, G.F. *see* Bates, S. 24057
Moorhead, G.F. *see* Borer, K. 7221
Moorman, M.J., Bullock, T.E. A new estimator for passive tracking of maneuvering targets 23117
Moors, P.M.A. *see* Webster, M.N. 27257
Moors, T. Generic flow control within BISDN customer premises networks 37580
Moorsel, A.P.A.Van *see* Van Moorsel, A.P.A.
Moorthy, P.A.Krishna *see* Krishna Moorthy, P.A.
Moorthy, S. *see* Rao, V. 40079
Moorthy, S. *see* Shihab, S. 38410
Moosbrugger, P.J., Rhodes, D.L. Case study results for simulation of a microwave filter 26098
Mooser, J. Electromagnetic interference from inverter-fed electric motors 32834
Mooser, J. Performance of screened wiring for inverter-fed electric motors 47840
Moossavi, E. *see* Stefanou, G.D. 26344
Mopkinson, M. *see* Guy, P. 11664
Mopsik, F.I. Radiation-induced dielectric loss in hydrocarbon polymers 28315
Mopsik, F.I. Stability of a numerical Laplace transform for dielectric measurements 46575
Mor, G.P. *see* Ferravante, L. 3755
Mora, F.A., Passariello, G., Carrault, G., Le Pichon, J.-P. Intelligent patient monitoring and management systems: a review 38954
Mora, T. *see* Cohen, G. *(editor)* 9082
Moradi, B., Dalal, V.I., Knox, R. Properties of polysilicon films deposited on amorphous substrates using reactive plasma beam deposition technique 26506
Moradi, B. *see* Dalal, V. 20531
Moradi, H., Chakrabarti, S., Gogineni, P. Computer-graphics-aided teaching and learning tool for antennas 40834
Moraes, F., Azemard, N., Robert, M., Auvergne, D. Flexible macrocell layout generator 19989
Moraes, L.F.M.de *see* de Moraes, L.F.M.
Moragues, J.M., Oualid, J., Jerisian, R., Ciantar, E. Effects of high field electron injection into the gate oxide of *P*-channel metal-oxide-semiconductor transistors 11219
Moraites, S. *see* Miller, E.K. 44189
Morales, A., Acharya, R. Statistical analysis of morphological openings 13178
Morales, A. *see* Kuz'minov, V.V. 7164
Morales, G.J. *see* Hinkel-Lipsker, D.E. 4119
Morales, J. *see* Kuz'minov, V.V. 7164
Morales, P., Sperandei, M. New method of deposition of biomolecules for bioelectronic purposes 34461
Morales-Acevedo, A., Jianming Li, Ming Chong, Jiancheng Zhu, Yuanjing Li, Jiadong Xu, Peida Wang, Zuoqi Shang, Zhankun Yang, Ronghua Zhu, Xiolan Cao Comment on '35% efficient nonconcentrating novel silicon solar cell' 8749
Moran, B.A. *see* Leonard, J.J. 46114
Moran, B.D. *see* Comaskey, B. 12085
Moran, J. *see* Drutman, C. 29193
Moran, K.P. *see* Song, S. 355
Moran, L., Ziogas, P.D., Joos, G. A solid-state high-performance reactive-power compensator 25554
Moran, O. *see* Prieto, P. 11519
Moran, P., Chevalier, M., Contento, G., Vano, E. Evaluation of the sensitivity of the Leeds TOR (MAX) mammographic phantom 15789
Moran, S. *see* Dolev, S. 14110
Moran, S. *see* Malka, Y. 13884
Moran Penco, P. *see* Contento, G. 15787
Moran-Lopez, J.L., Sanchez, J.M. *(editors)* Advanced Topics in Materials Science and Engineering. Proceedings of the First Mexico-U.S.A. Symposium 17739
Morana, G. *see* Augugliaro, A. 24794
Morancho, R. *see* Simon, J. 9731
Morand, F. *see* Mourard, D. 46313
Morand, R. *see* Beingessner, S.P. 31761
Morand, R. *see* Bertsch, Y. 31760
Morandi, C. *see* Corsi, F. 43124
Morandin, M. *see* Antonelli, A. 24054
Morandin, M. *see* Gasparini, F. 46980
Morando, A. *see* Cavallini, A. 47341
Morando, M. *see* Beker, H. 7152
Morando, M. *see* Masoni, A. 15659
Morant, M. *see* Fourgon, C. 25575
Morant, M.J. *see* Yeop Majlis, B. 19876
Morante, J.R. *see* Acero, M.C. 27707
Morante, J.R. *see* Bota, S.A. 34628
Morante, J.R. *see* Calvo, L. 34792
Morante, J.R. *see* Dkiouak, R. 27689
Morante, J.R. *see* Lopez-Villegas, J.M. 1905
Morante, J.R. *see* Lopez-Villegas, J.M. 27705
Morante, J.R. *see* Marco, S. 1824
Morante, J.R. *see* Marco, S. 6403
Morante, J.R. *see* Marco, S. 27706
Morante, J.R. *see* Peiro, F. '695
Morante, J.R. *see* Perez-Rodriguez, A. 10866
Morante, J.R. *see* Perez-Rodriguez, A. 34616
Morante, J.R. *see* Portillo, J. 34752
Morante, J.R. *see* Vila, A. 9543
Morasca, S., Magnetti, G., Schiattone, F., Schiavini, G., Stano, A., De Bernardi, C. High efficiency coupling between semiconductor waveguides and single-mode optical fibers 11627
Morash, R.T., Barber, R.J., Roesel, J.F., Jr. 'Written pole' motor—a new AC motor technology 40147

Moratti, S.C. *see* Greenham, N.C. 11867
Moratzky, M., Kunz, A., Heinlein, W.E., Stieb, W. Miniaturization of low-loss fused single-mode fibre couplers for all-fibre optical rotation sensor systems 35346
Moravec, P. *see* Hoschl, P. 27733
Moravec, T.J., Eden, R.C., Schaefer, D.A. The use of diamond substrates for implementing 3-D MCMs 315
Moravec, T.J., Lu, G., Partha, A., Goforth, R.C., Mukherji, S. Use of CVD diamond in high power packages 17913
Moravek, J.M., Lethert, E. The *k* factor: clearing up its mystery 7940
Morazzani, V., Chamarro, M., Grosman, A., Ortega, C., Rigo, S., Siejka, J., von Bardeleben, H.J. Partial oxidation of porous silicon by thermal process: study of structure and electronic defects 34771
Morazzani, V. *see* Grosman, A. 34770
Morazzani, V. *see* von Bardeleben, H.J. 42568
Morbach, G. *see* Guggenbuhl, W. 18446
Morch, J., Christiansen, C. Ageing of XLPE-cables dry and in water 24958
Morche, D., Balestro, F., Senn, P. High-resolution CMOS ADCs for audio processing VLSI circuits 1277
Morched, A., Marti, L., Ottevangers, J. A high frequency transformer model for the EMTP 25493
Morched, A.S., Ottevangers, J.H., Marti, L. Multi-port frequency dependent network equivalents for the EMTP 24599
Morcom, J. *see* Cenanovic, M. 16600
Morcos, A. *see* Black, B. 8730
Morcos, A. *see* Jacques, L.V. 32313
Morcos, M.M. *see* Chan, T.K. 17050
Mordovets, N.A. *see* Ganichev, S.D. 38518
More, D.V., Parikh, P.F. Standardisation of heat shock requirements for class 130 polyester based round enamelled copper wires in the light of IEC 317-34-1990 16374
More, E.J. *see* Fick, B.R. 8226
Moreau, C. *see* Caruana, L. 39995
Moreau, C. *see* Vardelle, M. 33745
Moreau, E., Macchi, O. New self-adaptative algorithms for source separation based on contrast functions 4723
Moreau, I. Study and simulation of sea clutter 6105
Moreau, N., Dymarski, P. Selection of excitation vectors for the CELP coders 36608
Moreau, N. *see* Le Guyader, A. 13154
Moreau, O. *see* Cheron, B. 43769
Moreau, Y., de la Rochette, H., Bruguier, G., Gasiot, J., Pelanchon, F., Sudre, C., Ecoffet, R. The latchup risk of CMOS-technology in space 35075
Moreb, A.A., Omer Bafail, A. Dynamic data systems models for predicting the load demand 7895
Moree, J.P., Groenewold, G., van den Broeke, L.A.D. A bipolar integrated continuous-time filter with optimized dynamic range 1311
Morega, M., Bejan, A. Plate fins with variable thickness and height for air-cooled electronic modules 40924
Moreira, A. Suppressing the azimuth ambiguities in synthetic aperture radar images 24459
Moreira, A.J.C., Valadas, R.T., Oliveira Duarte, A. Design and implementation issues of a wireless infrared Ethernet link 38004
Moreira, F.J.S., Prata, A., Jr. A self-checking predictor-corrector algorithm for efficient evaluation of reflector antenna radiation integrals 44603
Moreira, J.C., Lipo, T.A. A new method for rotor time constant tuning in indirect field oriented control 40161
Moreira, J.R. *see* Lanari, R. 24525
Moreira, P.M.R.S., Darwazeh, I.Z., O'Reilly, J.J. Design and optimisation of a fully integrated GaAs tuned receiver preamplifier MMIC for optical SCM applications 23040
Moreira, P.M.R.S., Darwazeh, I.Z., O'Reilly, J.J. Noise optimisation of a tuned integrated GaAs receiver 30788
Moreira, P.M.R.S., Darwazeh, I.Z., O'Reilly, J.J. Novel optical receiver design using distributed amplifier pulse shaping network 45933
Moreira, P.M.R.S. *see* Darwazeh, I.Z. 5937
Moreira, P.M.R.S. *see* Lane, P.M. 30791
Morel, F. *see* Koulisch, M. 17638
Morel, H. *see* Allard, B. 2404
Morel, H. *see* Lin, C.-C. 2437
Morel, J., Mazalerat, J.-M., Monnier, B., Cordier, R. 'PSAD' (Monitoring and Diagnostic Aid Station): a tool for monitoring EdF power stations 8065
Morel, J., Mazalerat, J.-M., Monnier, B., Cordier, R. Monitoring and aid to diagnosis in plants 25142
Morel, J., Woodtli, A., Dandliker, R. Coherent coupling of an array of Nd^{3+}-doped single-mode fiber lasers by use of an intracavity phase grating 3480
Morel, J., Woodtli, A., Dandliker, R. Coherent coupling of an array of Nd^{3+} doped single-mode fiber lasers using an intracavity phase grating 3500
Morel, J. *see* Buksa, J. 24444
Morel, J.-M. *see* Alvarez, L. 29744
Morel, J.-M. *see* Rudin, L. 45176
Moreland, J. *see* Bertness, K.A. 41301
Moreland, J.R. *see* Poole, I.B. 16548
Morelato, A., Amano, M., Kokai, Y. A parallel algorithm for transient stability analysis using sparse vectors and inverse factors 16225
Morelli, D.T. *see* Heremans, J. 1843
Morelli, V. *see* Buffarini, G.G. 48355
Morelos-Zaragoza, R.H., Shu Lin On a class of optimal nonbinary linear unequal-error-protection codes for two sets of messages 44712
Moreman, B.R. *see* Russell, S.V. 15818
Moreno, A., Fonollosa, J.A.R. Pitch analysis of noisy speech 13157
Moreno, A. *see* Rodellar, V. 29533
Moreno, A. *see* Salavedra, J.M. 4539
Moreno, C. *see* Bruzzone, H. 8686
Moreno, C.J. *see* Litsyn, S. 36560
Moreno, C.J. *see* Moreno, O. 9460
Moreno, D. *see* Caorsi, S. 29149
Moreno, E., Ares, F., Estevez, H. Method of circuit analysis based on relaxation of Kirchhoff's laws and the Cauchy-Riemann conditions 940
Moreno, E. *see* Ares, F. 29363
Moreno, E. *see* Ares, F. 36427
Moreno, E. *see* Estevez, H. 39115
Moreno, F. *see* Sanchez-Gil, J.A. 29143
Moreno, H. *see* Signorini, C. 31799
Moreno, J.C., Nilsen, J., Koch, J.A., MacGowan, B.J., Scofield, J.H., Da Silva, L.B. Investigation of gain and hyperfine splitting in the niobium X-ray laser 35646
Moreno, J.C. *see* Nilsen, J. 28692
Moreno, L., Pineiro, J.D., Sanchez, J.L., Manas, S., Merino, J., Acosta, L., Hamilton, A. Application of neural networks to automated brain maturation study 47097
Moreno, M. *see* Chuaqui, H. 12449
Moreno, O., Games, R.A., Taylor, H. Sonar sequences from Costas arrays and the best known sonar sequences with up to 100 symbols 44856
Moreno, O., Kumar, P.V. Minimum distance bounds for cyclic codes and Deligne's theorem 36506
Moreno, O., Moreno, C.J. An elementary proof of a partial improvement to the Ax-Katz Theorem 9460
Moreno, O. *see* Litsyn, S. 36560
Moreno, O. *see* Cohen, G. *(editor)* 9082
Moreno, R. Saving system design time with very fast and high precision smart power macromodel 1037
Moreno, R. *see* Olcoz, K. 19948
Moreno, R.A. *see* Zanin, M. 35170
Moreno, W. *see* Lee, R. 18604
Morente, J.A. *see* Porti, J.A. 36403
Morente, J.A. *see* Porti, J.A. 44606
Mores, R. *see* Kuntz, W. 5445
Moresco, M., Lavagetto, F., Cocurullo, F. Motion adaptive vector quantization for video coding 22194
Moresco, M. *see* Cocurullo, F. 13783
Moresi, A. *see* Visconti, P. 5413
Moret, I. Krylov-type methods for the computation of critical solutions of nonlinear equations 33543
Moret, J.-M. *see* Jaecklin, V.P. 17135
Moret-Bonillo, V., Alonso-Betanzos, A., Garcia-Martin, E., Cabrero-Canosa, M., Guijarro-Berdinas, B. The PATRICIA project: a semantic-based methodology for intelligent monitoring in the ICU 38955
Moretti, A., Probizer, A. Priority criteria in the refurbishing of hydroelectric plants 16713
Moretti, P. *see* Ould Salem, S. 35429
Moretti, P. *see* Rosso, C. 3105
Moretti, P. *see* Rosso, C. 28475
Morevek, J.M., Gallina, C. What to ask about electronic ballasts 8963
Morey, W.W. *see* Ball, G.A. 3542
Morey, W.W. *see* Ball, G.A. 20307
Morey, W.W. *see* Ball, G.A. 43797
Morey, W.W. *see* Hewlett, S.J. 35357
Morf, H.U. *see* Sabot, A. 25017
Morf, T., Brys, C., Pollentier, I., De Dobbelaere, P., van Daele, P., Demeester, P., Renaud, M., Peyre, J.L., Martinson, T. Monolithic optical receivers for high speed access nodes using epitaxial lift-off 35618
Morfouli, P. *see* Billon, T. 28156
Morgado, E. Electron and hole $\mu\tau$ products in a-Si:H and the standard dangling bond model 34545
Morgan, A. *see* Ziock, H.-J. 46885
Morgan, A.J. *see* Lawson, J.K. 35948
Morgan, C. *see* Engelson, M. 46579
Morgan, C.A., ffrench, R. Feasibility study for a UK demonstration offshore wind turbine 25292
Morgan, C.G. *see* Telle, H.H. 12019
Morgan, D. *see* Meinkohn, J. 37566
Morgan, D.R. Active RF filter for high voltage transmission lines 14367
Morgan, D.V., Aliyu, Y.H. An ionic flowmeter for measuring small rates of gas flow 23779
Morgan, D.V., Aliyu, Y.H., Bunce, R.W., Barnes, S., Bos, T. Electrical and optical properties of high performance MOCVD grown $(Al_xGa_{1-x})_yIn_{1-y}P$ visible light-emitting diodes 11865
Morgan, D.V. *see* Kiely, J.H. 33077
Morgan, D.V. *see* McClatchie, S. 18248
Morgan, F.E. *see* Neumann, C.C. 3945
Morgan, G.J., Okumu, J., Holender, J.M., Weaire, D., Hobbs, D. Electrons, holes, and the Hall effect in amorphous silicon 34536
Morgan, I. *see* Yeung, T.K. 21446
Morgan, J., Miller, J. MD-11 Electronic Instrument System 39197
Morgan, J.A. *see* Doverspike, R.D. 37171
Morgan, K. *see* Hulbert, M. 7206
Morgan, L., Barcus, J.M., Ihara, S. Distribution series capacitor with high-energy varistor protection 25045
Morgan, M. Scattering computations for multi-region cylindrical objects 44303
Morgan, M. *see* Fanourakis, G.K. 24011
Morgan, M.A. Ultra-wideband impulse electromagnetic scattering laboratory 46081
Morgan, M.A., Schwering, F.K. Eigenmode analysis of dielectric loaded top-hat monopole antennas 44593
Morgan, M.D., Horne, W.E., Brothers, P.R. Radioisotope thermophotovoltaic power system utilizing the GaSb IR photovoltaic cell 7552
Morgan, N. Resistive plate counters for muon detection 7176
Morgan, N. New visions in optical vibration sensors 23940
Morgan, N., Abashian, A., Gotow, K., Hadley, S., Haim, D., Miller, C., Piilonen, L. Polyvinylchloride resistive plate counters for charged particle detection 31778
Morgan, N., Bourlard, H., Renals, S., Cohen, M., Franco, H. Hybrid neural network/hidden Markov model systems for continuous speech recognition 21671
Morgan, N. *see* Bourlard, H. 44770
Morgan, N. *see* Head, M. 13947
Morgan, N. *see* Renals, S. 36621
Morgan, N. *see* Wooters, C. 4492
Morgan, P. *see* Bolouri, H. 42103
Morgan, P. *see* Bolouri, H. 42120
Morgan, P. *see* Hui, T. 1374
Morgan, P.E.D. *see* Cheung, J.T. 35142
Morgan, P.N., Milne, W.I., Deane, S.C., Powell, M.J. Thermally stimulated defect removal in hydrogenated amorphous silicon thin film transistors 35034
Morgan, R. *see* Anderson, B. 34783
Morgan, R.A., Kojima, K., Rogers, L.E., Guth, G.D., Leibenguth, R.E., Focht, M.W., Asom, M.T., Mullally, T., Gault, W.A. Progress and properties of high-power coherent vertical cavity surface emitting laser arrays 20829
Morgan, R.A. *see* Bethea, G.C. 23727
Morgan, R.A. *see* Catchmark, J.M. 12218
Morgan, R.A. *see* Chirovsky, L.M.F. 20491
Morgan, R.A. *see* Kojima, K. 3579
Morgan, R.A. *see* Pan, Z.G. 12137
Morgan, R.A. *see* Shijun Jiang 35855
Morgan, R.A. *see* Shijun Jiang 35890
Morgan, R.D., Anderson, D.J., Jones, J.D.C., Easson, W., Greated, C. Design of fibre optic beam delivery system for particle image velocimetry 11611
Morgan, R.E. Cooling of high-density airborne electronics using direct-immersion, two-phase, subcooled dielectric fluids 357
Morgan, R.E. Development of an experimental metal matrix composite card rail heat exchanger 369
Morgan, R.E., Ehlers, S.L., Mackenzie, J.M., Jones, K.J. An active evanescent coupler for smart processing 7541
Morgan, R.E., Ehlers, S.L., Sosniak, J. Investigation of diamond film for advanced high density avionic packaging 402
Morgan, R.L. Environmental regulations and their impact on wire and cable users 158
Morgan, R.N. *see* Lam, Q.M. 21810
Morgan, S.F. The economics of effluent treatment 48498
Morgan, T.A. *see* Hook, T.G. 32601
Morgenstein, J. Electromagnetic compatibility of telecommunications installations 29201
Morgenstern, G. *see* Kissinger, G. 19490
Morgenstern, G. *see* Morgenstern, T. 18294
Morgenstern, T., Babanskaya, I., Morgenstern, G., Schmalz, K., Gaworzewski, P., Zaumseil, P., Kruger, D., Tittelbach-Helmrich, K., Kuhne, H. Deposition and P doping of $Si_{(1-x)}Ge_x$ layers in a conventional horizontal tube APCVD reactor without load lock system 18294
Morgenstern, T. *see* Kuhne, H. 33653
Morgenthaler, J.D. *see* Carragher, R. 17870
Morgner, R. *see* Keck, S. 33368
Morgner, U. *see* Steinmeyer, G. 3486
Morgovskii, L.Ya. Defect signal in a radiometric flaw detector with a scanning X-ray beam 9861
Morgun, O.N. *see* Zalyubovskii, I.I. 24586
Morhac, M., Matousek, V. Data compression using the fast object-based transform with adaptive structure 29577
Mori, A. *see* Akiyama, A. 46503
Mori, A. *see* Araki, N. 7618
Mori, A. *see* Seto, T. 31283
Mori, A. *see* Tsuchida, K. 40578

Mori, C. *see* Youyang Wu 46957
Mori, E. *see* Kurosawa, K. 32503
Mori, E.J., Shive, W. Analysis of defects on the surface of bare unpatterned silicon wafers by SEM-EDS 1833
Mori, F., Kudo, K., Tsukamoto, K. Fine pitch TAB-LSI interconnection technology in MCM 26184
Mori, H. Quadratic load flow calculation in electric power systems using a Hopfield model 7740
Mori, H., Horiguchi, T. A method for economic load dispatching using a genetic algorithm 24736
Mori, H., Horiguchi, T. A genetic algorithm based approach to economic load dispatching 24770
Mori, H., Kanda, N. Probabilistic diagnosis of power system nodal voltages with ART2 24632
Mori, H., Kanno, J., Tsuzuki, S. A sparsity-oriented technique for power system small signal stability analysis with a precondition conjugate residual method 24610
Mori, H., Kitami, T., Sakata, H. Electrical conductivity of V_2O_5-Sb_2O_3-TeO_2 glasses 27497
Mori, H., Miyamoto, H., Tsuzuki, S. Estimation of a voltage stability index with a Kohonen neural network 24737
Mori, H., Ogasawara, T. A recurrent neural network for short-term load forecasting 16279
Mori, H., Takeda, K. Control of harmonic voltage distortion with parallel simulated annealing 16183
Mori, H., Takeda, K. Power systems decomposition using a simulated evolution technique 24734
Mori, H., Tamaru, Y. A decentralized scheme for voltage instability monitoring with hybrid artificial neural networks 16151
Mori, H., Tamaru, Y. Hybrid artificial neural networks for voltage instability monitoring in electric power systems 25076
Mori, H., Uehara, M. Fault tolerant multicube pipeline processor 41996
Mori, H., Watanabe, A., Fujiwara, T. Review of the status of $LiNbO_3$ devices and technologies 3139
Mori, H. *see* Abe, T. 1141
Mori, H. *see* Kase, M. 42848
Mori, H. *see* Ohki, H. 15075
Mori, H. *see* Ohki, H. 15075
Mori, H. *see* Saito, S. 9668
Mori, H. *see* Sasaki, T. 28649
Mori, H. *see* Sugo, M. 28858
Mori, H. *see* Uematsu, H. 24735
Mori, H. *see* Tamura, Y. *(editor)* 9099
Mori, J.M. *see* Fedynyshyn, T.H. 28045
Mori, J.M. *see* Thackeray, J.W. 27970
Mori, K., Kawamura, T., Doi, S., Matsuda, M. Multi-transputer implementation of morphological filtering 21777
Mori, K., Tomita, M., Shige-Eda, T., Kokubo, K., Nakagawa, K., Nagasawa, M., Yokoyama, E. A digital VCR deck mechanism using new precision actuators for high density recording 6252
Mori, K., Tomita, M., Sige-eda, T., Nagasawa, M., Yokoyama, E., Kurihara, N., Nakagawa, K., Oka, S. A deck mechanism for high density recording and playback VCRs 23337
Mori, K., Yamada, H., Takizawa, S. System on Chip Age 18566
Mori, K. *see* Chikawa, Y. 17878
Mori, K. *see* Hasegawa, J. 15813
Mori, K. *see* Miyamoto, H. 17361
Mori, K. *see* Shimomura, H. 35922
Mori, K. *see* Sugimoto, S. 7230
Mori, K. *see* Yamada, Y. 15127
Mori, K. *see* Yokoyama, E. 23339
Mori, M., Fujiyama, S. Stirling engine heat pump systems 9003
Mori, M., Itoh, H., Mori, N., Abe, T. Mechanical and electrical properties of alkaline earth metal doped lanthanum chromites [solid oxide fuel cell applications] 17342
Mori, M., Kizaki, Y., Saito, M., Hongu, A. A fine pitch COG technique for a TFT-LCD panel using an indium alloy 42341
Mori, M. *see* Cecconi, V. 147
Mori, M. *see* Hayasaki, Y. 20472
Mori, M. *see* Hayasaki, Y. 43574
Mori, M. *see* Nagano, Y. 34094
Mori, M. *see* Nishizawa, N. 35333
Mori, M. *see* Soga, T. 705
Mori, M. *see* Suzuki, M. 20428
Mori, M. *see* Tohyama, I. 11737
Mori, N., Muto, N., Yanagida, H. Improvement of output voltage in IR sensor using semiconductive fiber by treatment of high-voltage pulse 23647
Mori, N. *see* Berthold, G. 42536
Mori, N. *see* Miyatake, T. 46448
Mori, N. *see* Mori, M. 17342
Mori, N. *see* Suzuki, H. 22637
Mori, R. *see* Kumagai, Y. 19607
Mori, R.De *see* De Mori, R.
Mori, S., Hata, I., Usui, T., Morita, K. Expert system supporting substation service restoration 32227
Mori, S., Kondo, S., Kinose, R. Roll Shaping Machine for higher rolling mill productivity 17625
Mori, S., Onodera, N., Itoh, M. Tribochemical reactions of very thin layers on magnetic recording disks 2825
Mori, S. *see* Fukunaga, C. 46852
Mori, S. *see* Ikeda, H. 24089
Mori, S. *see* Kawakami, A. 33868
Mori, S. *see* Kuo-Chu Chang 38138
Mori, S. *see* Kuo-Chu Chang 44869
Mori, S. *see* Matsuki, M. 1105
Mori, S. *see* Miyagi, M. 29441
Mori, S. *see* Okano, Y. 23774
Mori, S. *see* Saitoh, Y. 7254
Mori, S. *see* Saitoh, Y. 46854
Mori, S. *see* Seto, I. 6085
Mori, S. *see* Suetsugu, T. 33862
Mori, S. *see* Suzuki, T. 45196
Mori, S. *see* Takahashi, K. 29727
Mori, S. *see* Takeuchi, Y. 19312
Mori, S. *see* Tanaka, M. 46975
Mori, S. *see* Ueda, T. 1368
Mori, S. *see* Yamazato, T. 21597
Mori, S. *see* Yu, D. 4971
Mori, T. Present status of high temperature superconducting current limiters 25048
Mori, T., Kokame, H. A proof of Kharitonov's theorem via Hurwitz criterion 462
Mori, T., Matsuoka, T., Mizutani, T. The breakdown mechanism of poly-p-xylylene film. Prestress effects on the breakdown strength 43161
Mori, T., Muto, S., Tamura, H., Yokoyama, N. A static random access memory cell using a double-emitter resonant-tunneling hot electron transistor for gigabit-plus memory applications 41888
Mori, T., Nakagawa, M. Block access CRA considering capture effect 22775
Mori, T., Nishimura, K., Nakano, H., Ishibashi, Y. Video-on-demand system using optical mass storage system 23303
Mori, T. *see* Imamura, K. 42866
Mori, T. *see* Kawai, Y. 37660
Mori, T. *see* Nakagawa, M. 8103
Mori, T. *see* Sasaki, M. 38603
Mori, Y. Present status and future prospects of optically pumped polarized ion source 31633
Mori, Y. Round table discussions on optically pumped polarized source 31643
Mori, Y., An, H., Kataoka, T., Endo, K., Inagaki, K., Yamauchi, K., Yamamura, K., Fukuike, T. Designing a new apparatus for measuring particle sizes of nanometer order by light-scattering. Evaluation of measuring system by using standard particles 15202
Mori, Y., Okuyama, T., Takagi, A. Development of the KEK volume H^- ion source 15598
Mori, Y., Okuyama, T., Takagi, A., Ishida, T. Development of the volume H^- ion source and the helical electrostatic quadrupole at KEK 46829
Mori, Y., Takagi, A., Okuyama, T., Kinsho, M., Yamamoto, H., Ishida, T., Sato, Y. Helical electro-static quadrupole for intense negative heavy ion beams 15572
Mori, Y., Yamamura, K., Yamauchi, K., Yoshii, K., Kataoka, T., Endo, K., Inagaki, K., Kakiuchi, H. Plasma CVM (chemical vaporization machining): an ultra precision machining technique using high-pressure reactive plasma 34727
Mori, Y. *see* Aono, H. 6665
Mori, Y. *see* Huang, H. 7044
Mori, Y. *see* Ikegami, K. 15607
Mori, Y. *see* Itoh, S. 3664
Mori, Y. *see* Kato, K. 4956
Mori, Y. *see* Kobayashi, T. 3642
Mori, Y. *see* Kotaki, H. 42763
Mori, Y. *see* Nakayama, N. 20768
Mori, Y. *see* Nihous, G.C. 39973
Mori, Y. *see* Okuyama, H. 43839
Mori, Y. *see* Sano, K. 12389
Mori, Y. *see* Sugahara, H. 5841
Mori, Y. *see* Takagi, A. 15604
Mori, Y. *see* Yamamoto, Y. 17879
Mori, Y. *see* Yurimoto, H. 15605
Mori, Y. *see* Zelenski, A.N. 31635
Moricciani, D. *see* D'Angelo, A. 6943
Morichev, I.E. *see* Vladimirov, F.L. 3223
Moride, H., Oishi, I., Fujioka, M., Yamazaki, S., Orui, T., Furu, K., Shimura, T., Nakazawa, Y., Koyama, K. APEX7400IMS [information management system] 13949
Morie, T., Onodera, H., Tamaru, K. A method for analog circuit design that stores and re-uses design procedures 26576
Morier-Genoud, F. *see* Cada, M. 38111
Morier-Genoud, F. *see* McKinley, J.T. 44082
Morifuji, M. *see* Kamakura, Y. 42398
Morigami, M. *see* Fujiwara, S. 2314
Morigami, M. *see* Tanaka, T. 11099
Morigami, M. *see* Tanaka, T. 19692
Morigami, M. *see* Tanaka, T. 27880
Moriggio, C. *see* Quadrini, E.F. 14097
Moriggio, C. *see* Quadrini, E.M. 15991
Moriguchi, Y. *see* Shimizu, H. 48175
Morihiro, M. *see* Ohkubo, K. 14017
Morii, M., Iwasaki, K. A note on aliasing probability for multiple input signature analyzer 23412
Morii, M. *see* Sakai, R. 36579
Morii, T., Murai, R., Uraoka, Y., Tsuji, K. Degradation phenomenon under low drain voltage stress in p-channel metal-oxide-semiconductor field-effect-transistors 42950
Morii, T. *see* Kanazawa, M. 15457
Morii, Y. *see* Nishimura, E. 43974
Moriizumi, K., Broers, A.N. Tolerance on alignment error in GHOST proximity effect correction 27888
Moriizumi, K. *see* Fujino, T. 27955
Moriizumi, T. *see* Nakamoto, T. 46526
Moriizumi, T. *see* Nakazawa, M. 23518
Moriizumi, T. *see* Sha, S. 15101
Moriizumi, T. *see* Takeuchi, M. 43224
Morijiri, M., Narishige, S., Ito, T., Fuyama, M. Patterning method of thick photoresist using contrast enhancing layer 2834
Morikami, M. *see* Ohsawa, T. 14533
Morikawa, E., Kimura, K., Miura, R., Wakana, H., Ohmori, S., Matsumoto, Y., Wakao, M. Communication and radio determination system using two geostationary satellites 14535
Morikawa, H. *see* Ishihara, T. 33063
Morikawa, H. *see* Oshima, T. 22955
Morikawa, H. *see* Tsuzuku, A. 22982
Morikawa, T., Inoue, H., Iwata, Y., Matsuoka, T., Otsuka, H., Kato, N., Mitarai, S., Yoshizawa, Y. Charged particle detector system for Coulomb excitation experiment with NORDBALL 7208
Morikawa, T., Oomura, S., Abiko, O., Namura, M., Shimowaki, M., Kasahara, K. Manufacturing process of 70 MWe class IHI-PFBC boiler 25232
Morikawa, T. *see* Harima, K. 12753
Morikawa, T. *see* Kitahata, H. 10508
Morikawa, T. *see* Masuzawa, H. 14865
Morikawa, Y. *see* Nakatani, Y. 40574
Morikawa, Y. *see* Uchida, T. 48065
Morikawa, Y. *see* Yamane, N. 13587
Morikuni, J.J., Tong, M.H., Nummila, K., Seo, J.-W., Ketterson, A.A., Kang, S.-M., Adesida, I. A monolithic integrated optoelectronic photoreceiver using an MSM detector 35633
Morikura, M. *see* Matsumoto, Y. 30696
Morikura, S. *see* Furusawa, S. 6090
Morill, M.A. *see* Gan, D. 25515
Morilla, F. *see* de Madrid, A.P. 40234
Morimatsu, E., Kawai, O., Sakai, K., Matsuda, K., Miyasaka, H., Fukui, H., Sakawaki, T., Kaneko, K., Eguchi, K. Development of a VLSI chip set for H.261/MPEG-1 video codec 30965
Morimitsu, M., Matsunaga, M., Hosokawa, K. Capacity density of positive electrode in sodium/nickel chloride molten salt battery 48072
Morimoto, A. *see* Ogawa, T. 11373
Morimoto, A. *see* Tsukamoto, O. 16779
Morimoto, A. *see* Yoshiike, N. 6511
Morimoto, E., Takahashi, S.-I. A realization method of pure imaginary transmission zeros in complex coefficients transfer function 26550
Morimoto, E., Takeuchi, H., Takahashi, S. Construction of arbitrary transfer functions with complex coefficients using wave digital filters 1322
Morimoto, H., Tanaka, H. Current progress in manufacturing process technologies and equipment 6695
Morimoto, H. *see* Fujino, T. 27955
Morimoto, H. *see* Kawai, A. 27886
Morimoto, H. *see* Kawai, A. 27887
Morimoto, H. *see* Kumada, T. 11048
Morimoto, H. *see* Kuwahara, K. 38601
Morimoto, H. *see* Miyazaki, J. 2357
Morimoto, H. *see* Yamaguchi, A. 27972
Morimoto, I. *see* Terada, M. 20252
Morimoto, K., Fujino, T. Nitrogen radical doping during metalorganic vapor phase epitaxy of ZnSe 675
Morimoto, K., Kadomoto, Y., Hashimoto, M. Conceptual design study and model test of thermionic generator system 17544
Morimoto, K. *see* Inui, Y. 25710
Morimoto, K. *see* Inui, Y. 25837
Morimoto, M. Large TFT color LCDs adopt full-color processing for multimedia use 15147
Morimoto, M., Aiba, K. Simple reluctance motor drive system 8889
Morimoto, M. *see* Asada, T. 31041
Morimoto, M. *see* Ide, T. 19186
Morimoto, M. *see* Yamada, H. 15921
Morimoto, N. *see* Shingubara, S. 2240
Morimoto, S., Takeda, Y., Hatanaka, K., Tong, Y., Hirasa, T. Design and control system of inverter-driven permanent magnet synchronous motors for high torque operation 47851
Morimoto, S., Takeda, Y., Hirasa, T. Parameter measurement of PM motor in dq equivalent circuit 25877
Morimoto, S., Ueno, T., Sanada, M., Takeda, Y., Hirasa, T. Variable speed drive system of interior permanent magnet synchronous motors for constant power operation 17451
Morimoto, S. *see* Sanada, M. 16897
Morimoto, S. *see* Takeda, Y. 40257
Morimoto, S. *see* Taniguchi, K. 40193
Morimoto, S. *see* Yokota, S. 39621
Morimoto, T. Towards realization of automatic interpreting telephone systems 44755

Morimoto, T., Honjo, A. High-hollow molding method 26177
Morimoto, T. *see* Nakahara, H. 31838
Morimoto, T. *see* Suhara, T. 20344
Morimoto, T. *see* Tokuda, N. 15301
Morimoto, T. *see* Tsuchiaki, M. 11200
Morimoto, Y., Nakanishi, S., Oda, N., Yamaji, T., Matuda, H., Ogata, H., Yoneda, K. Influence of the existence of an underlying SiO_2 layer on the lateral solid-phase epitaxy of amorphous silicon 18203
Morimoto, Y. *see* Okamoto, H. 46227
Morin, C. *see* Sabot, A. 25017
Morin, E., Parker, P.A., Scott, R.N. Operator error in a level coded myoelectric control channel 15914
Morin, F. *see* Denos, Y. 17271
Morin, J. *see* Misukanis, G. 30477
Morin, M., Koyanagi, M., Friedt, J.M., Hirose, M. Metal impurity evaluation in silane gas from the qualification of poly-Si layers 19463
Morin, M. *see* Fujihira, C. 1827
Morin, P., Chiaroni, D., Jacob, J.B., Da Loura, G., Gabriagues, J.M., Fernier, B. Photonic time-switching using semiconductor optical amplifier gates and fibre delay line optical buffer 5682
Morin, S. *see* Pamart, J.L. 38032
Morin, T.L. *see* Kaiser, M.J. 26325
Morinaga, M. *see* Takakuwa, C. 43918
Morinaga, N. *see* Hara, S. 14257
Morinaga, N. *see* Hara, S. 30657
Morinaga, N. *see* Harada, H. 14657
Morinaga, N. *see* Hee-Jin Lee 14377
Morinaga, N. *see* Miyamoto, S. 29420
Morinaga, N. *see* Miyamoto, S. 45762
Morinaga, N. *see* Ohuchi, M. 13856
Morinaga, N. *see* Okuno, T. 14514
Morinaga, N. *see* Ouchi, M. 14421
Morinaga, N. *see* Takeda, S. 14649
Morinaga, N. *see* Tsukamoto, K. 14646
Morinaga, N. *see* Tsukamoto, K. 14650
Morinaga, N. *see* Tsukamoto, K. 37460
Morinaga, S., Tokuda, H., Shioya, M. Automotive control technology in response to the Clean Air Act 48430
Morinaka, A. *see* Suzuki, H. 28993
Morinaka, K. *see* Yoshiike, N. 6511
Moring, I. *see* Paakkari, J. 6144
Morini, A., Rozzi, T., De Angelis, D., Gulloch, W. A novel matched diplexer configuration in *E*-plane technology 1456
Morino, Y., Takahara, M. A simulation of higher bit-rates and longer link segments in passive star optical local area network 14204
Morinville, K. *see* Hawthorne, R.C. 2171
Morioka, T. *see* Matsumoto, N. 35898
Morioka, T. *see* Uchiyama, K. 5981
Morioka, Y., Sakurai, K., Yokoyama, A., Sekine, Y. Next day peak load forecasting using a multilayer neural network with an additional learning 16260
Morioka, Y., Tanaka, H., Kojima, T., Suzuki, T., Hanada, S.-I. Application of total adaptive generation controller (TAGEC) to a hydro-power generator connected with a long-distance transmission line 16228
Morioka, Y., Tomiyama, K., Arima, H., Sawai, K., Omata, K., Matsushima, T., Takagi, K., Ishibashi, A., Saito, H. System separation equipment to minimize power system instability using generator's angular-velocity measurements 16444
Morioka, Y. *see* Nogami, M. 40424
Morisaki, Y. *see* Mikazuki, Y. 20108
Morisako, A. *see* Shibuya, G. 23365
Morisako, A. *see* Shibuya, G. 28534
Morishige, H. *see* Nakata, T. 3983
Morishima, C. *see* Ohmori, Y. 3345
Morishima, C. *see* Ohmori, Y. 11872
Morishima, C. *see* Ohmori, Y. 20550
Morishima, C. *see* Ohmori, Y. 35599
Morishima, C. *see* Ohmori, Y. 43646
Morishima, H. *see* Ebiko, H. 23043
Morishima, H. *see* Niwa, T. 39120
Morishima, M. *see* Hayakawa, T. 3628
Morishima, M. *see* Hayakawa, T. 12239
Morishita, H. *see* Kaminaka, K. 2684
Morishita, I. *see* Deguchi, K. 14868
Morishita, I. *see* Deguchi, K. 45148
Morishita, I. *see* Takuma, N. 29809
Morishita, K., Koshiba, Y., Yataki, M.S. Broadband fibre loop reflectors 20309
Morishita, N., Yokota, A., Kitagawa, K., Ikoma, M., Takada, K., Yanagihara, N., Yamasaki, H., Matsumoto, I., Toyoguchi, Y. Nickel/metal hydride sealed battery for electric vehicles. II. Characteristics of module battery 48339
Morishita, T. Neural network hardware development by using analog systems 42113
Morishita, Y., Goto, S., Nomura, Y., Tamura, M., Isu, T., Katayama, Y. Real-time observations of appearance of crosshatched pattern during molecular beam epitaxy of compressive InGaAs on InP 41271
Morishita, Y. *see* Fay, B. 20692
Morishita, Y. *see* Nakamura, S. 10327
Morishita, Y. *see* Nomura, Y. 41289
Morison, G.K., Gao, B., Kundur, P. Voltage stability analysis using static and dynamic approaches 24712
Morisseau, D. *see* Baker, T.L. 33454
Morisseau, D. *see* Charpak, G. 15193
Morisseau, D. *see* Charpak, G. 31772
Morisseau, D.S. *see* Kaye, R.D. 15912
Morisue, M. *see* Haidar, A.M. 1182
Morita, A. *see* Ishikawa, M. 28549
Morita, C. *see* Hata, K. 42378
Morita, E. *see* Okawa, K. 19199
Morita, H., De-Ping Zhang, Tamura, Y. Long term load forecasting using grey system theory 39566
Morita, H., Kobayashi, K. Data compression of ECG based on the edit distance algorithms 31932
Morita, H., Kobayashi, K. On asymptotic optimality of a sliding window variation of Lempel-Ziv codes 44680
Morita, H., Kohno, J., Tanaka, S., Kitano, Y., Sagami, S. Clinical application of GaAlAs 830 nm diode laser for atopic dermatitis 15908
Morita, H., Ohta, K. New proposal and comparison of closure tests—more efficient than the CRYPTO'92 test for DES 36569
Morita, H., Ohta, K., Miyaguchi, S. Results of switching-closure-text on FEAL 12979
Morita, H. *see* Funayama, M. 3521
Morita, H. *see* Komiyama, S. 12228
Morita, I., Tada, T. Cage rotor diagnosis of induction motor by leakage flux monitoring 32862
Morita, K., Imakoma, T., Nishikawa, M., Nozaki, H. Study of steep impulse voltage characteristics of suspension insulators 39627
Morita, K., Ohtsuka, H. The new generation of wireless communications based on fiber-radio technologies 14508
Morita, K. *see* Ikeda, H. 23024
Morita, K. *see* Maeda, Y. 33732
Morita, K. *see* Mori, S. 32227
Morita, K. *see* Saito, J. 20418
Morita, K. *see* Suzuki, H. 42759
Morita, M., Ohmi, T. Characterization and control of native oxide on silicon 42686
Morita, M. *see* Hayashi, S. 24639
Morita, M. *see* Iida, Y. 3677
Morita, M. *see* Ishikawa, M. 48066
Morita, M. *see* Maeda, Y. 33732
Morita, M. *see* Suzuki, H. 42759
Morita, M. *see* Ueda, A. 16763
Morita, M. *see* Ueda, T. 32487
Morita, M. *see* Ueda, T. 40382
Morita, N., Kuwata, T. Influence of defocus length on hole features in laser drilling of ceramics 44180
Morita, N. *see* Araki, N. 7494
Morita, N. *see* Kuwata, T. 33758
Morita, N. *see* Murakami, Y. 20416
Morita, S., Fukano, Y., Uchihashi, T., Okusako, T., Sugawara, Y., Yamanishi, Y., Oasa, T. Reproducible and controllable contact electrification on a thin insulator 11340
Morita, S., Kawashima, T., Aoki, Y. Hierarchical aspect graph based on Sillhuette 22144
Morita, S. *see* Fukano, Y. 42574
Morita, S. *see* Inanami, R. 18264
Morita, T., Watanabe, Y., Tanaka, M., Nakazawa, Y. Wideband low loss double mode SAW filters 2763
Morita, T. *see* Hongo, H. 43029
Morita, T. *see* Ohno, E. 42927
Morita, Y., Nishimura, T. Standard clock for seismic observations using GPS receiver board 39351
Morita, Y., Tokumoto, H. Atomic scale control of silicon surfaces by hydrofluoric acid solutions 34755
Morita, Y., Yamaguchi, M., Iida, S., Nitami, K. Submicron particles observed during etching process 2097
Morita, Y. *see* Takahashi, S. 38344
Morita, Y. *see* Umeda, H. 46377
Morita, Y. *see* Yoshikawa, M. 19454
Moritake, K. *see* Hidaka, I. 34125
Moritani, A. *see* Aigo, T. 19902
Moritani, K. *see* Nishida, K. 23830
Moritani, Y. *see* Hashimoto, S. 5703
Morito, M. *see* Eguchi, F. 37637
Moritoki, H. *see* Okuyama, E. 23904
Moritz, G. 25 years of operating experience with SF_6 insulated switchgear 17115
Moritz, H. *see* Boettiger, U. 28016
Moritz, H. *see* Fischer, T. 26944
Moritz, H. *see* Funhoff, D.J.H. 11050
Moritz, H. *see* Reuhman-Huisken, M. 28015
Moritz, I. *see* Grassmann, A. 28014
Moritz, N., Tischhofer, K., Seilmeier, A. Synchronized near-infrared femtosecond dye lasers with a temporal jitter of less than 300 fs 3472
Moritz, W., Lisdat, F., van der Schoot, B., de Rooij, N.F., van den Vlekkert, H.H., Ligtenberg, H.C.G., Grohmann, I. Flow injection analysis using pH/pF ISFET combinations for determination of very low fluoride concentrations 6476
Moritz, W. *see* Friebe, A. 46376
Moritz, W. *see* Krause, S. 6621
Moritz, W. *see* Lisdat, F. 6477
Moritz, W. *see* Szeponik, J. 6478
Moriuchi, T., Imamura, K. Balanced nonbinary sequences obtained from modified nonbinary Kasami sequences 21602
Moriuchi, T., Imamura, K. A derivation of the phase difference between n-tuples of an m-sequence by arithmetic over a finite field 21604
Moriwaki, K. Adaptive exposure image input system for obtaining high quality color information 22145
Moriwaki, K. *see* Tandai, M. 10112
Moriwaki, S. *see* Mio, N. 11934
Moriya, F. Safety and international cooperation for VVER nuclear power plants 25178
Moriya, H. *see* Hatano, Y. 17557
Moriya, K. *see* Omoto, A. 16525
Moriya, M. *see* Usami, K. 28408
Moriya, N., Feldman, L.C., Luftman, H.S., King, C.A. Electrical and structural characterization of boron-doped $Si_{1-x}Ge_x$ strained layers 42448
Moriya, N. *see* Katz, A. 9547
Moriya, N. *see* Katz, A. 9713
Moriya, N. *see* Katz, A. 18136
Moriya, N. *see* Katz, A. 42788
Moriya, N. *see* Miller, B. 42658
Moriya, T., Kaneko, T., Kitawaki, N. PSI-CELP speech coder for mobile communications - doubles the capacity of radio waves for speech 37633
Moriyama, E. *see* Sampei, S. 37728
Moriyama, M. *see* Aoki, H. 10518
Moriyama, S. *see* Katagiri, S. 11028
Moriyama, S. *see* Katagiri, S. 27876
Moriyama, S. *see* Saito, M. 38215
Moriyama, S. *see* Saito, M. 46183
Moriyama, Y. *see* Sone, Y. 45687
Moriyasu, H., Ross, B. Modeling AC characteristics of op amps using time-domain measurements 9980
Moriyasu, H., Ross, B., Rayhawk, J. Analog behavioral modeling of logic gates 10059
Morizane, T., Masada, E. Study on the feasibility of application of linear induction motor for vertical movement 47917
Morizot, J.P. *see* Bague, P. 27406
Mork, J., Tromborg, B., Mark, J., Velichansky, V. Instabilities in a laser diode with strong optical feedback 3653
Mork, J. *see* Mark, J. 43898
Mork, J. *see* Willatzen, M. 20857
Morkel, P.R., Jedrzejewski, K.P., Taylor, E.R. *Q*-switched neodymium-doped phosphate glass fiber lasers 3564
Morkel, P.R. *see* Desbruslais, S.R. 35403
Morkel, P.R. *see* Kringlebotn, J.T. 28791
Morkel, P.R. *see* Kringlebotn, J.T. 28800
Morkel, P.R. *see* Loh, W.H. 35755
Morkel, P.R. *see* Ye, C.C. 28801
Morkoc, H. *see* Huang, F.Y. 28618
Morkoc, H. *see* Lin, M.E. 767
Morkoc, H. *see* Lin, M.E. 9623
Morkoc, H. *see* Lin, M.E. 34693
Morkoc, H. *see* Lin, M.E. 34811
Morkoc, H. *see* Ma, Z. 27618
Morkoc, H. *see* Reed, J. 33727
Morkoc, H. *see* Xiang Gui 42204
Morkov, H. *see* Lin, M.E. 2925
Morlan, T.H., Nybo, J.H. Conservation planning and accomplishments in the Pacific Northwest 7780
Morland, L. *see* Helvik, B.E. 14283
Morlet, D. *see* Peyrin, F. 15874
Morley, C.T. *see* Ashour, A.F. 9492
Morley, D., Patterson, E.B. The design approach to ASICs in education 19979
Morley, D. *see* Butler, J. 16286
Morley, M.J. *see* David, J.P.R. 43633
Morlok, E.K. Auto-carrying HSGT systems: a strategic option for increasing HSGT ridership and benefits 48385
Morman, K.N., Jr. *see* Wagner, D.A. 44206
Mornacchi, G. *see* Ambrosini, G. 38419
Mornacchi, G. *see* Ambrosini, G. 38898
Morneburg, M., Oppelt, A. Innovations in medical electronics 24145
Morner, A.-C. *see* Ojala, P. 35488
Morningstar, C. *see* Farmer, F.R. 45512
Mornington-West, A. EMC compliance and the audio engineering industry 36240
Moroga, K. *see* Hasegawa, M. 35510
Morohashi, S., Gotoh, K., Komiya, S. Fabrication of Josephson junctions using an Al/Ta/Nb structure for X-ray detection 31814
Morohashi, S., Kataoka, Y., Yagishita, T., Hasuo, S. Interface study of Nb/ZrO_x-Zr/Nb Josephson junctions 2903
Morohashi Shin'ichi *see* Shin'ichi Morohashi
Morokawa, H. *see* Okutani, I. 16023
Morokhov, P.V. *see* Amelin, A.I. 7287
Morokoff, W. *see* Kersch, A. 33705
Moron, C., Aroca, C., Sanchez, M.C., Lopez, E., Sanchez, P. Local temperature in amorphous ribbons during current annealing 43266
Moron, M., Gusella, R. System support for efficient dynamically-configurable multi-party interactive multimedia applications 13969
Moroney, K.J. *see* LaValle, S.M. 29873
Moroni, C. *see* Bertin, A. 31795
Moronvalle, C. *see* Mongardien, D. 5951
Morooka, H. *see* Yano, Y. 34646
Morooka, T. *see* Shoki, H. 36407
Morooka, T. *see* Takeya, S. 46078
Morooka, T. *see* Wada, T. 46079

Morosanu, C., Cesile, C., Korepanov, S., Fiorini, P., Bacci, C., Meddi, F., Evangelisti, F., Mittiga, A. a-Si:H based particle detectors with low depletion voltage 31771
Morosini, M.B.Z., Herrera-Perez, J.L., Loural, M.S.S., Von Zuben, A.A.G., da Silveira, A.C.F., Patel, N.B. Low-threshold GaInAsSb/GaAlAsSb double-heterostructure lasers grown by LPE 12204
Morosini, M.B.Z. *see* Patel, N.B. 20869
Morovov, A.P. *see* Pavlovskii, A.I. 28713
Moroz, V.I. *see* Kachanov, V.A. 7163
Moroz, Yu.I. *see* Vdovin, S.S. 27328
Morozkin, V.P. *see* Maximov, K.K. 17767
Morozov, A.K., Kuksa, V.I. A method of calculating the distribution of the number of errors in digital messages of limited volume 30162
Morozov, G.N., Koryagina, G.M., Starostenko, N.W. Inert gas combined MHD plants of a closed-cycle type 25362
Morozov, G.N. *see* Batsyn, M.Ya. 25316
Morozov, I.A., Snytkin, Yu.V., Gnatyuk, S.A. Optimization of duration of scanning cycle in multichannel detection 13185
Morozov, L.E. *see* Florinskii, V.Y. 35036
Morozov, N.V. *see* Amosov, A.V. 28928
Morozov, N.V. *see* Barabanov, V.S. 20955
Morozov, N.V. *see* Barabanov, V.S. 20956
Morozov, N.V. *see* Barabanov, V.S. 35687
Morozov, N.V. *see* Barabanov, V.S. 35956
Morozov, O.A. *see* Aratskii, D.B. 21862
Morozov, P.A. *see* Morozova, S.P. 23404
Morozov, S.K. *see* Abagyan, A.A. 25147
Morozov, V. *see* Ludman, J. 12427
Morozov, V.B. *see* Shvyryaev, Yu.V. 25181
Morozov, V.F. *see* Zablotskii, V.V. 15612
Morozov, V.N., Cathey, W.T. Practical speed limits of free-space global holographic interconnects: time skew, jitter and turn-on delay 44151
Morozov, V.N. *see* Heuring, V.P. 20482
Morozova, S.P., Lisiansky, B.E., Morozov, P.A., Sapritsky, V.I. Low temperature black body for temperatures from 80 K to 300 K 23404
Morozova, V.M. *see* Gorkunov, E.S. 41508
Morozumi, S. *see* Naito, K. 16146
Morpurgo, G. *see* Borer, I. 7095
Morpurgo, G. *see* Bourianoff, G. 38776
Morr, G.F. *see* Swain, D.M. 29069
Morra, R.M. *see* Steiner, J.P. 47592
Morrall, S. *see* Hui, S.Y.R. 26694
Morren, R. *see* Mehtani, R. 10203
Morren, R. *see* Verhelst, B. 6330
Morris, A.S. *see* Slater, D.B., Jr. 42897
Morris, C.P., Bert, C.W. A finite element and experimental investigation of a clamp plate for a disk stack in a Winchester disk drive 28371
Morris, D. *see* Greve, A. 38197
Morris, D. *see* Hermes, L.G. 39379
Morris, D. *see* Schonfelder, V. 7146
Morris, E.E. AADEOS—advanced air defense electro-optical sensor 32152
Morris, H.M. Proximity sensor makers keep on innovating 38702
Morris, J. *see* Kiamilev, F. 5671
Morris, J.D. *see* Davidson, S. 41964
Morris, J.E., Feldman, M.R., Welch, W.H., Nakkar, M., Yang, H., Childers, J., Raja, Y., Turlik, I., Adema, G., Magill, P., Yung, E. Prototype optically interconnected multichip module based on computer generated hologram technology 3370
Morris, J.E. *see* Childers, J.E. 3391
Morris, J.E. *see* Feldman, M.R. 28547
Morris, J.E. *see* Li, L. 41500
Morris, J.I. *see* Clark, S.A. 34602
Morris, J.L. *see* Brodd, R.J. 40447
Morris, J.M. *see* Yue Wang 24196
Morris, J.W., Jr., Freer Goldstein, J.L., Mei, Z. Microstructure and mechanical properties of Sn-In and Sn-Bi solders 875
Morris, J.W., Jr. *see* Choongun Kim 27794
Morris, J.W., Jr. *see* Glazer, J. 446
Morris, J.W., Jr. *see* Kim, C. 34798
Morris, J.W., Jr. *see* Sunwoo, A.J. 1717
Morris, K.F. *see* Balis, U.J. 39062
Morris, M.D. *see* Liu, T.M. 20025
Morris, M.E., Plant, T.A., Hughes, P.T. CoOp-Lab: practical experiences with evaluating a multi-user system 5520
Morris, M.L., Stavrou, S.E. Telecommunication needs and provision to underdeveloped black areas in South Africa 14071
Morris, P. *see* Burnett, G. 39153
Morris, P.G., Badar-Goffer, R.S., Thatcher, N.M., Bachelard, H.S. Magnetic resonance spectroscopy 47055
Morris, P.J., Luthy, W., Weber, H.P. High-intensity rectangular fiber-coupled diode laser array for solid-state laser pumping 3618
Morris, P.J., Luthy, W., Weber, H.P. Operation of resonantly pumped Tm:Ho:YAG in active mirror mode 20693
Morris, R.A., Stuchlik, D. The RADARSAT remote sensing ground station for McMurdo station, Antarctica 47288
Morris, S. *see* Fang, T. 1654
Morris, S. *see* Tasch, A.F. 42613
Morris, S.R., Sekulic, Z. IC fault analysis using contact and E-beam probing 2630
Morris, T. *see* Benlamri, R. 9338
Morris, T. *see* Chenoweth, A. 14567
Morris, T. *see* Driemeyer, D. 14565
Morris, T.M., Grimard, D.S., Shu, C.-F., Terry, F.L., Elta, M.E., Jain, R.C. Utilizing diffraction imaging for non destructive wafer topography measurements 412
Morris, W. Performance management of open system environments 30331
Morrisey, R.A., Khondker, A.N. The role of phase-breaking processes in indirect-band tunneling barrier structures 2587
Morrish, A.A. *see* Pehrsson, P.E. 860
Morrison, A.T. Solar heat load on electronic enclosures 364
Morrison, B. *see* Lampe, C.G. 38734
Morrison, F., Corcoran, J. Accelerated life testing of metal particle tape 35233
Morrison, G., Parke, I. A spatially layered hierarchical approach to video coding 45073
Morrison, G. *see* Bultitude, R.J.C. 4101
Morrison, G. *see* Gibbard, M.R. 37716
Morrison, G.L., Hall, K.R., Holste, J.C., Macek, M.L., Ihfe, L.M., DeOtte, R.E., Jr., Terracina, D.P. Comparison of orifice and slotted plate flowmeters 46682
Morrison, G.L., Hall, K.R., Macek, M.L., Ihfe, L.M., DeOtte, R.E., Jr., Hauglie, J.E. Upstream velocity profile effects on orifice flowmeters 46684
Morrison, G.L., Johnson, M.C., DeOtte, R.E., Jr., Thames, H.D., III, Wiedner, B.G. An experimental technique for performing 3D LDA measurements inside whirling annular seals 31514
Morrison, I. *see* O'Shea, M.E. 16367
Morrison, I.F. *see* Zhu, Y.L. 7833
Morrison, I.F. *see* Zhu, Y.L. 32226
Morrison, I.S., Pietrobon, S.S., Gray, P.K., Kasparian, J.J. A 155 Mbit/s FEC codec for B-ISDN over a 72 MHz satellite transponder 45880
Morrison, J. High performance interconnects 38092
Morrison, J.F. MOV Predictive Maintenance Program at Darlington NGS 16573
Morrison, J.F. *see* Green, P.E., Jr. 5560
Morrison, R.E. *see* Duggan, E. 25067
Morrison, R.J. *see* Alexander, J.P. 24110
Morrison, R.J. *see* Alexander, J.P. 46860
Morrison, R.L., Walker, S.L. Design issues for beam array generation gratings 20496
Morrison, R.L. *see* Cloonan, F.J. 43679
Morrison, R.L. *see* McCormick, F.B. 43584
Morrison, S.R. 1/f noise from levels in a linear or planar array: summary 27452
Morrison, T.H. *see* Crnic, F. 9300
Morrison, T.I. *see* Boyanov, B.I. 31584
Morrissey, J.A. *see* Burke, L.D. 25670
Morrissey, M.C. *see* Foster, B. 31714
Morrone, A. *see* Kinzy Jones, W. 18301
Morrow, D., Gan, L. Comparison of methods for building a capacity model in generation capacity adequacy studies 32521
Morrow, D. *see* Foster, B. 31714
Morrow, D. *see* Shafai, F. 32206
Morrow, W.K. *see* Grynkewich, G.W. 19660
Mors, W. *see* van Ross, A. 48239
Morsani, F. *see* Amendolia, S.R. 18746
Morsani, F. *see* Bedeschi, F. 38912
Morsch, G., Graber, J., Kamp, M., Hollfelder, M., Luth, H. The selectively grown permeable junction base transistor with a gate of highly carbon doped GaAs 43015
Morsch, G. *see* Konig, F. 9515
Morse, B.S., Pizer, S.M., Liu, A. Multiscale medial analysis of medical images 38963
Morse, J.D., Mariella, R.P., Jr. Long wavelength characterization of internal quantum efficiency in LT-GaAs MSM photodiodes 3338
Morse, J.D. *see* Darrow, J.T. 20533
Morse, M.J. *see* Kuntz, W. 5445
Morse, R.F. *see* Zhang, Q. 3041
Morse, T.F. *see* Kyunghwan Oh 35761
Morse, T.F. *see* Mendez, A. 6541
Morse, T.F. *see* Mendez, A. 23677
Morselli, A. *see* Bocciolini, M. 24082
Morshuis, P.H.F. *see* Jing, T. 32949
Morsi, R. *see* Radwan, R.M. 43170
Morsky, J. *see* Toivonen, L. 32505
Mortazavi, A. *see* Safaai-Jazi, A. 43424
Mortazavi, M.A., Yoon, H.N., Teng, C.C. Optical power handling properties of polymeric nonlinear optical waveguides 11648
Mortazavi, M.A. *see* Khanarian, G. 3834
Mortazawi, A. *see* Balasubramaniyan, A. 1413
Mortazawi, A. *see* Balasurbramaniyan, A. 19117
Mortensen, G.E., Cha, C.C. Development of a bandlimited basis set for thin wire method of moments scattering problems 44289
Mortensen, I. *see* Boucheret, M.-L. 21494
Mortensen, K.P., Conley, S.N. Film fill fouling in counterflow cooling towers design alternatives 39911
Morthier, G. *see* Baets, R.G. 12165
Morthier, G. *see* Sato, K. 35794
Mortier, C. Surface mount component connection 34450
Mortin, D.E. *see* Cushing, M.J. 41018
Mortini, P. *see* Claeys, W. 19670
Mortini, P. *see* Gigon, F. 1222
Mortini, P. *see* Moison, B. 10147
Mortini, P. *see* Monserie, C. 1954
Mortini, P. *see* Monserie, C. 43154
Mortini, P. *see* Papadas, C. 2523
Mortini, P. *see* Papadas, C. 27595
Morton, B. *see* Kuo, C. 18714
Morton, D.E. *see* Herrmann, W.C. 3296
Morton, E.J., Antonuk, L.E., Berry, J.E., Huang, W., Mody, P., Yorkston, J., Longo, M.J. A CAMAC based data acquisition system for flat-panel image array readout 15731
Morton, E.J. *see* Yorkston, J. 31321
Morton, P. *see* Pellegrini, C. 44002
Morton, R. *see* Haynes, T.E. 27633
Morton, R. *see* Haynes, T.E. 34678
Morucci, J.P. *see* Rigaud, B. 31961
Moruzzi, R. *see* Gatti, E. 16672
Morvan, M. *see* Baldy, P. 523
Morx, A. *see* Biegelmeier, G. 25025
Moryakov, V.P. *see* Pelekhov, V.I. 24120
Morz, G. *see* Bourdon, W. 5750
Moscatello, M.H. *see* Migneco, E. 7144
Moschen, J., Hosticka, B.J. Secant distance analysis for corner point detection 13780
Moscheni, F., Dufaux, F., Nicolas, H. Entropy criterion for optimal bit allocation between motion and prediction error information 29944
Moscheni, F. *see* Nicolas, H. 36829
Moschenko, S.P. *see* Bykov, A.A. 19405
Moschenko, S.P. *see* Bykov, A.A. 43617
Moschopoulos, G. *see* Joos, G. 40323
Moschytz, G.S., Carlosena, A. A classification of current-mode single-amplifier biquads based on a voltage-to-current transformation 42047
Moschytz, G.S. *see* Carlosena, A. 18854
Moschytz, G.S. *see* Carlosena, A. 33922
Moschytz, G.S. *see* Huang, Q. 34155
Moschytz, G.S. *see* Menzi, U. 34154
Moscicka-Grzesiak, H. *see* Ziomek, W. 2701
Moscicki, J.-P. *see* Van Doorselaer, K. 33402
Moscinska, K., Tyma, G. Neural network based fingerprint classification 13823
Mosdale, R., Stevens, P., Novel-Cattin, F., Loppinet, B., Gebel, G., Aldebert, P., Pineri, M. Water management in a solid polymer electrolyte fuel cell 48110
Mosekilde, E. *see* Ito, H. 10448
Moseley, A.J. *see* Hall, J.P. 43670
Moseley, H. *see* McCammon, D. 19924
Moseley, N.L., Graham, R.E. Stability analysis of reduced-stiffness photovoltaic arrays on MB-6 and MB-15 configurations of space station Freedom 24433
Moseley, P.T. *see* Arias de Velasco, A.A. 6659
Moseley, S.H. *see* Gaidis, M.C. 24052
Moseley, S.H. *see* Stahle, C.K. 24036
Moseley, S.H. *see* Stahle, C.K. 24129
Moseley, S.H. *see* Szymkowiak, A.E. 24130
Moselhy, A.M. *see* Abdallah, E.A. 10507
Mosenkova, M.N. *see* Ibragimov, V.A. 25350
Moser, A. *see* Dammer, U. 28348
Moser, A. *see* Hug, H.J. 6743
Moser, A. *see* Vettiger, P. 3641
Moser, A.T. Guided test procedures with IEEE 488 bus controlled instruments using LabWindows 46307
Moser, A.T. *see* Juj, H. *(editor)* 40789
Moser, D., Baltes, H. A high sensitivity CMOS gas flow sensor on a thin dielectric membrane 6618
Moser, H.O. *see* Lehr, H. 15324
Moser, L.E., Melliar-Smith, P.M., Agrawala, V. Necessary and sufficient conditions for broadcast consensus protocols 22537
Moser, L.E. *see* Amir, Y. 45355
Moser, L.E. *see* Melliar-Smith, P.M. 22583
Moser, M. *see* Hommel, J. 27754
Moser, M. *see* Kaden, C. 20808
Moser, M.A. *see* Fazzio, D.P. 11481
Moser, U. *see* Abplanalp, M. 24046
Moses, A.J. Steel restructured 35246
Moses, D. High quantum efficiency luminescence from conducting polymers in solution: a novel polymer laser dye 20661
Moses, D. *see* Marchywka, M. 19514
Moses, D. *see* Marchywka, M. 34630
Moses, G. *see* Yasar, O. 25185
Moses, R. *see* Stoica, A. 13201
Moses, R.L., Simonyte, V., Stoica, P., Soderstrom, T. An efficient linear method for ARMA spectral estimation 29694
Moses, R.L. *see* Dilsavor, R.L. 23141
Moses, R.L. *see* Pierson, W.E., Jr. 23093
Moses, R.L. *see* Sacchini, J.J. 21715
Moses, R.L. *see* Sacchini, J.J. 23092
Moses, R.L. *see* Steedly, W.M. 21822
Moses, W.W. A method to increase optical timing spectra measurement rates using a multi-hit TDC 7281
Moses, W.W., Derenzo, S.E., Nutt, R., Digby, W.M., Williams, C.W., Andreaco, M. Performance of a PET detector module utilizing an array of silicon photodiodes to identify the crystal of interaction 15732
Mosevitskii, I.S. *see* Grebennik, V.N. 39837
Moshage, W. *see* Achenbach, S. 31881
Moshammer, H. Moments and characteristic function of a nonstationary particle distribution after injection 6894
Moshammer, H. *see* Decker, F.J. 15369
Moshammer, H. *see* Krejcik, P. 15394

Moshammer, H. *see* Limberg, T. 7035
Moshammer, H.W., Spencer, J.E. High resolving power spectrometer for beam analysis 15413
Moshchinskii, Yu.A., Osin, I.L. Determination of three-phase induction motor parameters from an asymmetric supply test 16845
Moshchinskii, Yu.A., Sokolov, V.P. Parameter matching of fuses and moderate-power asynchronous motors 40167
Moshchinskii, Yu.A. *see* Artamonov, V.Yu. 40187
Mosher, C.C., Shamash, Y. The Power Professorship Program at Washington State University 26094
Mosher, J.C., Spencer, M.E., Leahy, R.M., Lewis, P.S. Error bounds for MEG and EEG source localization 31951
Mosher, J.C. *see* Spencer, M.E. 31952
Moshiur Rahman, S. *see* Lutful Kabir, S.M. 16788
Moshkin, B.N. *see* Vol'pov, A.L. 14919
Moshref, A., Rodolakis, A.J., Barnes, R., Baba, Z., Shah, S. Flexible transient stability software features user-defined models 7722
Mosig, J. *see* Barlatey, L. 12754
Mosig, J.R. Numerical computation of Green's functions for open, covered and boxed microstrip structures 27191
Mosig, J.R., Gardiol, F.E. Microstrip transitions and filters in multilayered substrates 10426
Mosig, J.R. *see* Bokhari, S.A. 29318
Mosig, J.R. *see* Laheurte, J.M. 21455
Mosig, J.R. *see* Skrivervik, A.K. 21440
Mosig, J.R. *see* Smith, H.K. 29254
Mosimann, D. European standards for cordless telephony 45469
Moskal, P., Jr., Conner, M.I. MASSPOWER cogeneration project 115 kV transmission lines 32420
Moskalenko, A.V. *see* Asnis, L.N. 14718
Moskalenko, S.A. *see* Bobrysheva, A.I. 3794
Moskalev, V.N. *see* Nepogodin, I.A. 15985
Moskalyuk, V.A., Timofeev, V.I. Simulation of low-noise conditions of submicron field-effect transistors 43027
Moske, M.A., Ho, P.S., Mikalsen, D.J., Cuomo, J.J. Measurement of thermal stress and stress relaxation in confined metal lines. II. Stress relaxation study 2230
Moske, M.A., Ho, P.S., Mikalsen, D.J., Cuomo, J.J., Rosenberg, R. Measurement of thermal stress and stress relaxation in confined metal lines. I. Stresses during thermal cycling 2229
Moskovoi, A.N. *see* Svichar, A.E. 16669
Moskowitz, W.P., Muzeroll, M.E., Keeffe, W.M., Lewin, I. The design of metal halide lamps for Space Station Freedom 17595
Moskvin, L.N. *see* Efimov, A.A. 8069
Moslehi, M.M., Davis, C.J., Paranjpe, A., Velo, L.A., Najm, H.N., Schaper, C., Breedijk, T., Lee, Y.J., Anderson, D. Single-wafer processing tools for agile semiconductor production 28269
Moslehi, M.M. *see* Chapman, R.A. 20003
Mosley, A. Ferroelectric LCDs: the way to the marketplace 46545
Mosnier, A. *see* Cavedon, J.M. 15354
Mosnier, A. *see* Henry, O. 7074
Mosnier, O.N. *see* Aune, A. 7046
Mosquera, C.F., Sorichetti, P.A., Bernal, M.T., Frega, D., Raffo, C.A. Absorption in CO_2 of 2.7 μm radiation emitted by an HF laser 28994
Moss, A.J. *see* Badilini, F. 15885
Moss, A.J. *see* Merri, M. 31957
Moss, B.C. *see* Scruby, C.B. 41503
Moss, C.E. *see* Valentine, J.D. 11836
Moss, C.R. *see* Andrisano, O. 5748
Moss, D.J., Ido, T., Sano, H. Photogenerated carrier sweep-out times in strained $In_yGa_{1-y}As/In_yAl_{1-y}As$ quantum well modulators 43513
Moss, D.J., Sano, H. Photoconductivity response times of InGaAs/InAlAs multiquantum well waveguide modulators 3198
Moss, F. *see* Hibbs, A. 20209
Moss, F. *see* Pantazelou, E. 18543
Moss, G.L. Logic simulation: a CAE tool for digital fundamentals 9166
Moss, I. The first step in DSM 47359
Moss, J., Betts, D. Multimedia using PC video. The new realities 38339
Moss, K.M. *see* Sjoberg, E.S. 47217
Moss, M.G. *see* Lamb, J. 11039
Moss, S.C. *see* Koga, R. 33915
Mossakowska, A., Szczepanski, P., Wolinski, W. Modulation bandwidth of fiber distributed feedback lasers 3501
Mossavi, K. *see* Hofmann, T. 20633
Mossbarger, A.M. Small sealed rechargeable batteries and the environment: past, present and future 48093
Mossbauer, R.L. *see* Jochum, J. 7297
Mossbauer, R.L. *see* Jochum, J. 31724
Mossi, J.M. *see* Marti, J. 46168
Mossinger, U. *see* Auer, E. 22963
Mossinger, U. *see* Garland, P.J. 22952
Mossman, D. *see* Osder, S. 39190
Mostafa, A.S., Mohamadein, A.L., Rashad, E.M. Application of Floquet's theory to the analysis of series-connected wound-rotor self-excited synchronous generator 25400
Mostafa, D.G.M. *see* Hwang, S. 10582
Mostafa Kamal Abu Hena *see* Kamal Abu Hena Mostafa
Mostafavi, M. *see* Putnam, W. 29365
Mostarshed, S. *see* Bousse, L. 23559
Mostefaoui, A., Raynal, M. Definition and implementation of a flexible communication primitive for distributed programming 45533
Mostert, S. Towards hard real-time system engineering 7573
Mostinsky, I.L. *see* Ibragimov, V.A. 25350
Mostow, J. *see* Mahadevan, S. 1121
Moszynski, M. Prospects for new fast photomultipliers 24108
Moszynski, M., Wolski, D., Ludziejewski, T., Arnell, S.E., Skeppstedt, O., Klamra, W. Particle identification by digital charge comparison method applied to CsI(Tl) crystal coupled to photodiode 15632
Motamedi, A. *see* Nowicki, R.S. 1943
Motchenbacher, C.D. *see* Holman, W.T. 9993
Motegi, K., Watanabe, S. A parallel scheduling of multi-step diakoptics for three dimensional finite difference method 18421
Motegi, Y. *see* Kaneko, S. 38096
Motegi, Y. *see* Takai, A. 38118
Moteki, M. *see* Saito, T. 22014
Motet, T., Nees, J., Williamson, S., Mourou, G. Picosecond high-voltage pulses generation using low-temperature (LT) GaAs 3337
Moti Yung *see* Ostrovsky, R. 29496
Motin, Yu.D. *see* Antipov, A.V. 7196
Motiwalla, J., Yap, M., Ngoh, L.H. Building the intelligent island 22534
Motl, G., Traeder, G. The VDEW disturbance statistics of the nineties 47408
Motl, G. *see* Hugel, R. 47411
Motlis, J. *see* Anders, G.J. 32425
Motoda, T. *see* Katoh, K. 30463
Motohara, A. *see* Choi, H. 1139
Motohara, A. *see* Choi, H. 18618
Motohashi, A. *see* Aoyagi, H. 19615
Motohashi, S. *see* Yamada, K. 25589
Motohisa, J. *see* Nakamura, Y. 41344
Motoi, A. *see* Kawabata, S. 45902
Motoi, K. *see* Ito, T. 19569
Motoki, T., Yuyama, I., Isono, H., Komiyama, S. Research on 3-D television system at NKH 46196
Motokoshi, S., Yoshida, H., Yoshida, K., Nakai, S. Development of newly designed polarizer for high-power laser 12290
Motomura, I. *see* Arai, I. 24201
Motomura, M. *see* Inoue, T. 27000
Motomura, M. *see* Inoue, T. 41936
Motomura, N. *see* Ichihara, T. 15750
Motooka, T., Abe, H., Fons, P., Tokuyama, T. Epitaxial growth of Si by ArF laser-excited supersonic free jets of Si_2H_6 18163
Motori, A., Sandrolini, F., Davolio, G. Electrical properties of nickel hydroxide for alkaline cell systems 48096
Motorin, S.V. *see* Golyshev, N.V. 11541
Motorin, S.V. *see* Golyshev, N.V. 11542
Motorkin, V.A. *see* Bulychev, Yu.G. 14741
Motoshima, K., Leba, L.M., Chen, D.N., Downs, M.M., Li, T., Desurvire, E. Dynamic compensation of transient gain saturation in erbium-doped fiber amplifiers by pump feedback control 43791
Motovilov, D. *see* Robinzon, R. 32159
Motowidlo, L., Hazelton, D., Galinski, G., Hoehn, J., Jr., Rice, J., Staub, M., Haldar, P. Recent developments for HTS conductors 32436
Motoyama, H. *see* Nakayama, J. 29734
Motoyama, S.-I. *see* Yano, K. 19913
Motoyama, Y., Kobayashi, M., Hojo, H., Okada, K. Satellite network control system for multibeam satellite communication system 30667
Motoyama, Y. *see* Hiruta, Y. 43135
Motoyoshi, H. *see* Yuan Chang-Liang 31451
Motoyoshi, S. *see* Hashimoto, O. 44309
Motschmann, H.R. *see* Penner, T.L. 21010
Motsokhein, B.I. *see* Abramov, B.I. 40524
Mott, N. *see* Newton, B. 36362
Motta, R.J. *see* Berns, R.S. 15120
Motta, R.J. *see* Berns, R.S. 15121
Motta, S. *see* Penkethman, J. 46493
Mottalib, M.A., Dasgupta, P. A BIST PLA design for high fault coverage and testing by an interleavingly crosspoint counting 41819
Mottate, Y., Saitoh, H., Toyoda, J. Composite power systems reliability evaluation based on demand-side reserve 16227
Mottay, E. *see* Saviot, F. 20751
Motte, R.H., Fazal, R., Epshteyn, M., Calvert, S., Wojdylak, H. Design and operation of a computerized, on-board, weather routeing system 38184
Motteler, H., Chung, A., Sidhu, D. Fault coverage of UIO-based methods for protocol testing 30226
Motteler, H. *see* Sidhu, D. 22350
Motteler, H. *see* Sidhu, D.P. 30212
Motteler, H.E., Sidhu, D. Executable logic for protocol design 22339
Motter, J.W., Pitcher, J.D., Campbell, W.B. The Pinon Pine IGCC project: design and permitting issues 32756
Mottershead, C.T. ADLIB—a simple database framework for beamline codes 46766
Mottet, S., Mercier, T., Le Ligne, M., Le Corre, A., Piccirillo, A., Bertone, D., Dovio, E. Fast semiconductor optical amplifier modulator design 35491
Mottet, S. *see* Ripoche, G. 3331
Motto, E. Power circuit design for third generation IGBT modules 18488
Mottram, J.T. *see* Hutchins, D.A. 9812
Mottram, J.T. *see* Jansen, D.P. 33784
Moturi, M. *see* Sarkar, T. 44901
Motzkus, M., Pichler, G., Dillmann, M., Kompa, K.L., Hering, P. Degenerate four-wave-mixing spectroscopy in NaH 12343
Mou, J., Donmez, M.A. Integrated inspection system for improved machine performance 33428
Mou Hong, Chen Yi Direct method based on power angle curve prediction of critical generators for power system transient stability assessment 24634
Mou Hu *see* Hu Mou
Mouchard, P. *see* Buckner, W.F. 16394
Mouchel La Fosse, J.P. *see* Budkowski, S. 14116
Mouchot, J., Gerard, P., Rodmacq, B. Magnetoresistive sensors based on $Ni_{81}Fe_{19}/Ag$ multilayers 46417
Mouchtachi, A. *see* El Guerjouma, R. 9847
Mouecoucou, R., Tosser-Roussey, C., Tosser-Roussey, A. The near field in a conducting or dielectric medium of an insulated wire antenna with a discontinuity in one of the dielectrics 29325
Mouftah, H.T. *see* Awdeh, R.Y. 45290
Mouftah, H.T. *see* Badran, H.F. 5164
Mougharbel, I. *see* Olivier, G. 32405
Mouillet, A., Ille, J.L., Akroune, M., Dami, M.A. Magnetic and loss characteristics of nonoriented silicon-iron under unconventional conditions 28356
Mouine, J. *see* Wei, M. 47126
Moukalled, F. *see* Nuwayhid, R.Y. 32538
Moulavi-Kakhki, M., Kavehrad, M. Holographic optical filters in wavelength division multiplexed systems and their cross-talk performance 30777
Moule, D.J. *see* Gibbon, M. 35489
Moulet, S. *see* Fouilloux, J.M. 24893
Moulin, P. Wavelets as a regularization technique for spectral density estimation 13311
Moulines, E., Dalle Molle, J.W., Choukri, K., Charbit, M. Testing that a stationary time-series is Gaussian: time-domain vs. frequency-domain approaches 4743
Moulines, E. *see* Ait Amrane, O. 13392
Moulondo, J.C. *see* Misson, H. 19206
Moulsley, T.J., Wells, I. Speech transmission in TETRA [private mobile radio] 30655
Moult, R.H. *see* Wilson, R. 2489
Moulton, R. Recording changes at the Beeb 23333
Moulton, R. *see* Tuck, B. 14108
Mouly, M., Pautet, M.-B. The evolution of GSM 45827
Mouly, M.C.Chandra *see* Chandra Mouly, M.C.
Mounaix, P. *see* Bouregba, R. 34258
Mounce, B., Sullivan, C., Ehnis, P. MACH2 — a modeling and characterization system 43081
Mounib, A., Balestra, F., Mathieu, N., Brini, J., Ghibaudo, G., Chovet, A., Chantre, A., Nouailhat, A. Low-frequency noise sources in polysilicon emitter bipolar transistors: influence of hot-electron-induced degradation 19764
Mounier, E., Yip, G.L., Noutsios, P.C., Chartier, G., Benech, P., Rimet, R. Improved loss characteristics of buried waveguides 3123
Mount, D.M. *see* Arya, S. 4399
Mount, F. *see* Stealey, S.L. 15948
Mountain, R.J. *see* Abbott, B. 7245
Mountain, R.W. *see* Burke, B.E. 47024
Mountfield, K. *see* Ross, W.E. 28533
Mountsier, T.W. *see* McInerney, E.J. 822
Mountziaris, T.J. *see* Ingle, N.K. 41389
Mouquet, Y. *see* Gerard, H. 11257
Moura, A.Machado e *see* Machado e Moura, A.
Moura, J.M., Rendas, M.J. Ambiguity function for sonar 30929
Moura, J.M.F. *see* Balram, N. 21470
Moura, L., O'Reilly, J.J. Effect of signal jitter on clock recovery [optical receivers] 5931
Moura, L., Sosa, E., Furuie, S., Oyama, H., Oshiro, M., Cianflone, C., Marcial, M.B., Leirner, A. A microcomputer-based cardiac mapping system for recurrent ventricular tachycardia surgery 39049
Mourad, S. *see* Chen, C.-J. 18690
Mourard, D., Tallon-Bosc, I., Blazit, A., Bonneau, D., Merlin, G., Morand, F., Vakili, E., Labeyrie, A. The GI2T interferometer on Plateau de Calern 46313
Mourelatou, K. *see* Sanchez, J. 30806
Mourelatou, K. *see* Sanchez, J.A. 37299
Mourgue, G. *see* Adam, W. 46929
Mouri, T. *see* Fujita, Y. 39744
Mourier, T. *see* Vinet, F. 2367
Mouris, J.F. *see* Taylor, T. 7126
Mourjopoulos, J.N. *see* Nikolaidis, S.S. 10209
Mourlevat, J.-L. Development of control modes [for pressurised water reactors] 32549
Mourot, C. *see* Wautier, A. 45838
Mourou, G. *see* Braun, A. 30920
Mourou, G. *see* Claverie, A. 749
Mourou, G. *see* Gupta, S. 1854
Mourou, G. *see* Motet, T. 3337

Mourou, G. *see* Rudd, J.V. 12086
Mourou, G. *see* Squier, J. 20700
Mourou, G. *see* Stock, M.L. 35758
Mourou, G.A. *see* Frankel, M.Y. 43667
Mourou, G.A. *see* Gupta, S. 38488
Mourou, G.A. *see* Joo-Hiuk Son 18966
Mouroulis, P. Polarization-independent operation of reflective fiber ring resonators 11615
Mouroulis, P., Narayanan, S.A. Fiber ring resonator with fringe shape stabilization 46468
Mouroulis, P., Narayanan, S.A., Fan, C. Output stability of birefringent fiber ring resonator types 3032
Mousa, M.S. A study of the effect of hydrogen plasma on microfabricated field-emitter arrays 27401
Mousa, M.S. Investigations of in situ carbon coating on field-emitter arrays 27402
Mousa, M.S. Observations of a field-forming process for ZnO-W cold cathodes 27403
Mousa-Bahia, A.A., Coles, G.S.V., Willett, M.J. The characterisation of semiconductor gas sensors: a critical comparison of in-house, pre-production and commercial devices 6658
Mousavi, A.M. *see* Abedi, M. 25407
Mousichenko, A.E. *see* Barsky, A.G. 36057
Moussa, I., Skaf, A., Guyot, A. Design of a GaAs redundant divider 34016
Moussanet, R. *see* Tian, X. 8712
Moussavi, S.M., Leung, B.H. High-order single-stage single-bit oversampling A/D converter stabilized with local feedback loops 34133
Moustafa, M.S. Convexity results for some approximations of $M^{[x]}/G/1$ and $M^{[x]}/D/1$ queueing systems 41047
Moustakas, T.D., Lei, T., Molnar, R.J., Fountzoulas, C., Oles, E.J. Growth of tetrahedral phases of boron nitride thin films by reactive sputtering 9735
Moustakas, T.D., Molnar, R.J. Growth and doping of GaN films by ECR-assisted MBE 18195
Moustakas, T.D. *see* Bar-Yam, Y. 1835
Moustakas, T.D. *see* Jin, S. 1826
Moustakas, T.D. *see* Molnar, R.J. 18196
Moustakas, T.D. *see* Paul, W. 27631
Mouta, F. *see* Oliveira, E. 16174
Moutarde, C. *see* Segur, P. 46925
Mouthaan, T.J. *see* Wolbert, P.B.M. 35091
Moutier, P. *see* Bonnet, G. 45462
Mouton, B. *see* Gao, J. 7138
Mouton, B. *see* Glotin, F. 7019
Moutonnet, D. *see* Favennec, P.N. 10845
Mouze-Amady, M. *see* Dorr, C. 24322
Mow, M. *see* Algazi, V.R. 13564
Mowafy, L., Thurman, R.A. Training pilots to visualize large-scale spatial relationships in a stereoscopic display 24585
Mowbray, D.J., Kowalski, O.P., Skolnick, M.S., DeLong, M.C., Hopkinson, M., David, J.P.R., Cullis, A.G. Solid-source molecular beam epitaxy growth of GaInP and GaInP- containing quantum wells 33629
Mowbray, S., Pringle, R.D., Grant, P.M. Adaptive CDMA co-channel interference cancellation 22327
Mowry, G. *see* Leger, J.R. 12134
Moxham, J.R.E., Jones, P.A., McDermott, H.J., Clark, G.M. A new algorithm for voicing detection and voice pitch estimation based on the neocognitron 7473
Moxness, P. *see* Sonderman, D.A. 40512
Moy, E. *see* Thekkath, C.A. 30211
Moy, E. *see* Thekkath, C.A. 30377
Moy, L.P. *see* Squillante, M.R. 7188
Moya, A., Tajahuerce, E., Garcia, J., Mendlovic, D., Ferreiro, C. Method for determining the proper expansion center and order for Mellin radial harmonic filters 4948
Moya, M.M. *see* Fogler, R.J. 30868
Moyer, L.R., Hawkins, L.J., Brown, R.D., Little, M.O., Wicks, M.C., Weiner, D.D. Analog clutter cancellation algorithms for dynamic range reduction 30877
Moyer, L.R., Maciel, L.J., Brown, R.D., Little, M.O., Wicks, M.C., Weiner, D.D. Analog clutter cancellation algorithms for dynamic range reduction 23121
Moylan, C.R., Swanson, S.A., Walsh, C.A., Thackara, J.I., Twieg, R.J., Miller, R.D., Lee, V.Y. From EFISH to electro-optic measurements of nonlinear chromophores 44073
Moynihan, J.F., Bolognani, S., Kavanagh, R.C., Egan, M.G., Murphy, J.M.D. Single sensor current control of AC servodrives using digital signal processors 17463
Moynot, M. *see* Beingessner, S.P. 31761
Moynot, M. *see* Bertsch, Y. 31760
Moz, S. *see* Bixio, A. 15508
Mozetic, I. *see* Novak, E. 10276
Mozetic, I. *see* Novak, F. 10278
Mozhaev, G.V. *see* Gutenev, A. 47153
Mozhenin, V.B. *see* Shlegel, V.Ya. 18977
Mozimo, O. *see* Akpaida, V.O.A. 33157
Mozina, C. *see* Pettigrew, R.D. 32515
Mozol', P.E., Gnatyuk, V.A., Sukach, A.V., Vlasenko, A.I., Kopishinskaya, E.P., Luk'yanenko, V.I. Influence of structure characteristics of epitaxial $Cd_xHg_{1-x}Te$ films on electrical and photoelectric properties after laser irradiation 42415
Mozolova, Z. *see* Lalinsky, T. 42853
Mozolova, Z. *see* Safrankova, J. 38510
Mozos, D. *see* Olcoz, K. 19948
Mozumder, P.K. *see* Barna, G.G. 27711
Mozumder, P.K. *see* Giles, M.D. 28245
Mozumder, P.K. *see* Gopalarao, K.S.V. 34660
Mozume, T., Kashima, H., Hosomi, K., Ogata, K., Suenaga, K., Nakano, A. Tailored heterointerface formation in InGaAs/InP superlattices by gas source migration-enhanced epitaxy 33598
Mozuras, A. Theoretical and experimental research of nonlinear physical systems use in the base of displacements measurement 6801
Mozurkewich, G. Test of a bond-correction formula for ultrasonic velocity measurement 15259
Mravak, I. *see* Nikolovski, S. 25088
Mrayati, M., Carre, R. The acoustic-area function inversion problem and the distinctive region model 13097
Mrdakovic, D., Ilic, S., Krizman, M., Medica, B. PC computer station for supervision and control of a local power system 16234
Mrdakovic, D., Medica, B., Krizman, M., Ilic, S. Use of SCADA program packages for direct control of co-generation units in internal energy system 7829
Mroczkowski, C. *see* Celuch-Marcysiak, M. 4210
Mroczkowski, R. Fretting related degradation in connectors 34318
Mrosko, B.J. *see* Galbraith, J.A. 15696
Mrozek, A., Plonka, L. Rough sets in image analysis 45146
Mrozowski, M. *see* Nyka, K. 26107
Mrstik, B.J. *see* Saks, N.S. 34978
Mruetusatorn, S., Sakai, Y. A resolution conversion method employing the impulse response of image devices 38610
M'Saad, M. *see* Bendotti, P. 16102
Msaki, P., Bentourkia, M., Cadorette, J., Heon, M., Lecomte, R. Normalization of multispectral data in positron emission tomography 31870
Msaki, P. *see* Lecomte, R. 15737
Mu, J. *see* Kustov, A.V. 39385
Mu, S.M. *see* Zhou, X.C. 9602
Mu, X.C. *see* Gadgil, P.K. 42669
Mu Chen Kun *see* Kun Mu Chen
Mu De-Qiang, Ji Qing-Fa Research on in-process evaluating balance precision of grinder wheels 46638
Mu De-Qiang, Ji Qing-Fa, Yang Yu, Li Ruo-Ju Cutter magnetizing treatment devices 28393
Mu Gang, Li Ping Simulation studies on the validity of trajectory analysis method in OMIB power systems 7699
Mu Guo-Guang *see* Guo-Guang Mu
Mu Guoguang *see* Qiu Xiaodong 29042
Mu Guoguang *see* Zhan Yuanling 21115
Mu Li, Nix, A., Xue, H., Beach, M. Study of air interface techniques for wireless LANs 22562
Mu Li *see* Bateman, A. 23273
Mu Liyue *see* Liyue Mu
Mu Pin-Gan, Zhang Ren-Jie, Chen Chang-Yao Self-calibrated capacitive instrument for measuring the thickness of coating on metal 46361
Mu Ruomei *see* Ruomei Mu
Mu Xiaodong, Shao Zongshu, Yue Xuefeng, Chen Jun, Zhuo Zhuang The characteristics of proton-exchanged MgO:$LiNbO_3$ waveguides used for Cerenkov second harmonic generation 20379
Mu Xiaodong *see* Xiaodong Mu
Mu-Kuen Chang, Ming-Jeng Bair, Sun-Lang Hsiao, Jang Liu, Feng-Yue Hung PCIT: a teleworking PC over ISDN 37564
Mu-Shiang Wu *see* Wen-Ching Shih 41407
Muccioli, J.P., Catherwood, M., Stevens, D. Near-field emissions from microcontrollers 18804
Much, R. *see* Schonfelder, V. 7146
Mucha, J.A. *see* Johnson, A.D. 41445
Muchlinski, S., Tsai, M.-S., Chen-Ching Liu, Damborg, M.J. Intelligent alarm processor (IAP): methodology and implementation plan 32236
Muchnik, R. *see* Misra, P. 38182
Muck, G. *see* Bosch, D. 8725
Muck, G. *see* Lang, W. 19488
Mucke, D. *see* Beek, R. 26210
Muczynski, J. *see* Banker, J. 1712
Mudawar, I. *see* Gersey, C.O. 33371
Mudbhary, B. Designing your first ASIC: an overview 41738
Muder, D.J., O'Neil, S.D. The multi-dimensional SME filter for multitarget tracking 29643
Muders, H. Position of combined heat-power technology 1992 results of the VDEW inquiry 32645
Mudge, J.C. *see* Bergmann, N.W. 37242
Mudge, T. *see* Upton, M. 27003
Mudge, T.N. *see* Brown, R.B. 11322
Mudge, T.N. *see* Burks, T.M. 27032
Mudjugin, B.G. *see* Dolinsky, A.V. 15677
Mudron, J., Sutta, P., Macko, L., Macko, P., Mackova, V., Ballo, P. The effect of fast reactor neutrons on the current-voltage characteristic of silicon *P-N* junctions 1883
Mueck, T. *see* Hitz, M. 33807
Muegge, M. Fine-pitch packages suit interface ICs 19200
Muegge, M. *see* Davis, M.G. 26949
Mueggenburg, H. *see* Haas, R.W. 12780
Muehlemann, M. Stable, structured machine vision strobe 31347
Mueller, D. The design and verification methodology used to develop a neural network control ASIC using Verilog 978
Mueller, D. *see* Brand, H.-J. 19942
Mueller, F.M. *see* Maggiore, C.J. 38662
Mueller, F.M. *see* Sailor, W.C. 23975
Mueller, G. *see* Coyle, P. 46918
Mueller, G.O. *see* Mach, R. 35597
Mueller, H.H., Worle, D., Schulz, M. Evaluation of the Coulomb energy for single-electron interface trapping in sub-μm metal-oxide-semiconductor field-effect transistors 42944
Mueller, H.H. *see* Williams, D.A. 2600
Mueller, M. *see* Perchard, J.M. 19679
Mueller, P. *see* Zurfluh, E.A. 5466
Mueller, R. The MC88110 instruction sequencer 41975
Mueller, R. Modern cable TV network, the ideal platform for PCS 45825
Mueller, R. *see* Wuest, B. 48275
Mueller, R.O. *see* Grant, C.J. 43549
Mueller, U., Beyer, A., Hoefer, W.J.R. Modeling of arbitrarily positioned boundaries in a TLM mesh using a recursive algorithm 4171
Mueller, U. *see* Ivanov, K.P. 1398
Muench, F.J., Makal, J.M., DuPont, J.P., Hecker, H.A., Smith, K. Development and use of a testing regime to predict life of premoulded rubber termination and connection products used on medium voltage power cables 16359
Muench, H. *see* Balewski, K. 46775
Muenzel, N. *see* Schaedeli, U. 11055
Mufdi, F.Kh. *see* Gubarev, V.V. 13294
Muffat-Joly, S. *see* Le Polozec, X. 26732
Mufford, E. *see* Dunford, W.G. 17480
Mufti, A. *see* Ahmad, M. 48132
Muftuoglu, A.K. *see* Feltus, M.A. 32598
Muggelberg, C. *see* Daweritz, L. 41351
Muggli, F. *see* Eisele, K. 31520
Mugikura, Y. *see* Watanabe, T. 25665
Mugitani, S. *see* Shimazaki, K. 22415
Mugnai, D. *see* Ranfagni, A. 4115
Mugnai, G. *see* Muller, H. 46319
Mugnier, J. *see* Rosso, C. 3105
Mugnier, J. *see* Rosso, C. 28475
Muguerza, J. *see* Rodriguez, C. 16432
Muguerza, J. *see* Rodriguez, C. 32499
Muh-rong Yang, Znati, T.F. Simulation based performance evaluation of end-to-end control mechanisms in ATM networks 37080
Muhaisni, M.Al *see* Al Muhaisni, M.
Muhamad, A.K., Deravi, F. Cooccurrence matrices for automatic texture classification using a neural network 13754
Muhammad, K., Letaief, K.B. An improved error probability evaluation method for digital communication systems with applications to sequential decoding 29447
Muhammad, R. *see* Khiari, F.Z. 46809
Muhbach, L., Prussog, A., Bocker, M. Videoconferencing using 3D methods 30544
Muhich, J.S. *see* Becker, M.C. 10195
Muhlbauer, A., Muiznieks, A., Lessmann, H.-J. Calculation of three-dimensional electromagnetic fields during induction heating 48473
Muhlbauer, A. *see* Borgerding, R. 25937
Muhle, E.-E., Neuhaus, E., Sadek, A., Siegel, M. Assessment of steam turbine components subject to creep for the purpose of extended operation—20 years' experience. I. Procedure for evaluation of useful life of steam turbine components for long-term operation 47755
Muhle, E.-E., Neuhaus, E., Sadek, A., Siegel, M. Assessment of steam turbine components subject to creep for the purpose of extended operation—20 years' experience 47759
Muhlen, H. *see* Gregor, P. 22744
Muhlenkamp, J. Planning and operation on field bus systems in process technology 45542
Muhlfriedel, E. *see* Hulsmann, A. 27315
Muhlhaus, V., Schiek, B. Microwave radiometers optimized for noise measurements on high-T_c superconductors 31173
Muhopadhyay, K., Sensarma, B., Saha, H. Solar PV lanterns with centralized charging system—a new concept for rural lighting in the developing nations 25930
Muhr, G.T. *see* Abernathy, C.R. 779
Muhr, G.T. *see* Abernathy, C.R. 41328
Muhs, J.D. *see* Kercel, S.W. 31261
Mui, D.S.L., Strand, T.A., Thibeault, B.J., Coldren, L.A., Petroff, P.M., Hu, E.L. Characteristics of in situ Cl_2 etched/regrown GaAs/GaAs interfaces 27744
Muir, D.W. *see* Coleman, G.E. 24291
Muir, N.K. *see* Priest, J.W. 33313
Muir, P., Owren, B. Order barriers and characterizations for continuous mono-implicit Runge-Kutta schemes 9473
Muiznieks, A. *see* Muhlbauer, A. 48473
Mujeeb, S.A. *see* Thomas, A. 15994
Mujumdar, A., Jain, R., Saluja, K. Incorporating testability considerations in high-level synthesis 41776

Mujumdar, A., Rim, M., Jain, R., De Leone, R. BINET: an algorithm for solving the binding problem 41729
Mukai, E., Muta, I. Approximate expressions of maximum values of transient magnetic fields and electromagnetic forces imposed on windings in superconducting generator 25385
Mukai, H. *see* Kojima, Y. 27875
Mukai, H. *see* Nakajima, K. 27873
Mukai, H. *see* Ohkura, K. 20219
Mukai, H. *see* Shibuki, M. 14819
Mukai, H. *see* Ueyama, M. 35295
Mukai, K., Sugawara, M., Yamazaki, S. Enhancement of thermal stability in $In_{0.53}Ga_{0.47}As/InP$ quantum wells 41375
Mukai, M. *see* Hiruta, Y. 43135
Mukai, N. *see* Hontsu, S. 2875
Mukai, S. *see* Itoh, H. 5968
Mukai, S. *see* Itoh, H. 11743
Mukai, S. *see* Itoh, H. 11793
Mukai, S. *see* Itoh, H. 37686
Mukai, S. *see* Itoh, H. 43575
Mukai, S. *see* Watanabe, M. 43842
Mukai, T. *see* Nakamura, S. 10695
Mukai, T. *see* Nakamura, S. 43659
Mukai, T. *see* Yamamoto, Y. 20852
Mukai, Y. *see* Takayama, R. 6598
Mukaidono, M. *see* Iguchi, Y. 26845
Mukaigaito, T. *see* Jinguji, M. 14299
Mukaihara, K. *see* Funayama, M. 3521
Mukainari, M. *see* Hayama, H. 9509
Mukaiyama, Y., Takagi, I., Izumi, K., Sekiguchi, T., Kobayashi, A., Sumikawa, T. Contact-failure phenomena and their development in gas-insulated switchgear 8676
Mukaled, H. *see* Przybyla, J. 2368
Mukamel, S. *see* Torruellas, W. 44107
Mukha, I.G. *see* Avdeev, S.P. 7198
Mukha, I.G. *see* Avdeyev, S.P. 7149
Mukhachev, S.V., Kuvshinov, M.I., Kushnarev, A.F., Panin, A.V. A system for the analysis of kinetic properties of a pulsed nuclear reactor 8095
Mukhamedyarov, R.D. Deterministic synthesis of optoelectronic systems with a sysmmetrical input 11851
Mukhamedyarov, R.D. GIPO NPO instruments for remote sensing of the Earth at optical wavelengths 15982
Mukhamedyarov, R.D., Krasnov, G.A. Estimating the resolution probability of test objects by an aerospace IR equipment complex in ground-based tests 15984
Mukhametgaleev, T.Kh. *see* Balkovoi, A.P. 25859
Mukhanov, O.A. RSFQ 1024-bit shift register for acquisition memory 26847
Mukhedkar, D. *see* Jamoussi, M. 34024
Mukherjee, A. *see* Das, A.K. 43423
Mukherjee, A.M., Tyrrell, A.M. Investigating the effects of induced faults in transputer systems 41966
Mukherjee, B. *see* Banerjee, S. 6083
Mukherjee, B. *see* Jia, F. 5248
Mukherjee, B. *see* Kwok, C.K. 37501
Mukherjee, D., Njinda, C., Breuer, M. A partially distributed control scheme for DFT/BIST hardware 26767
Mukherjee, D.P., Basak, J., Dutta Majumder, D. A corner detection algorithm and its parallel implementation 13674
Mukherjee, J. *see* Vinod, V.V. 22173
Mukherjee, M.K. *see* Gangopadhyay, U. 42960
Mukherjee, P. *see* Oman, D.M. 3428
Mukherjee, P.K. *see* Ray, D. 24890
Mukherjee, R. *see* Aprile, E. 31717
Mukherjee, R. *see* Aprile, E. 46900
Mukherjee, R.N., Mishra, S.K. Duality for generalized convex multiobjective programming without a constraint qualification 41099
Mukherjee, S., Rama Rao, J. Critical analysis of the error in the efficiency measurement of germanium detector (photo-peak efficiency/germanium detector) 46881
Mukherjee, S., Tripathi, S.K., Ghosal, D. A multiclass priority-based slotted-ring LAN and its analysis 22533
Mukherjee, S. *see* Bristow, J. 7532
Mukherjee, S. *see* Faltens, A. 15476
Mukherjee, S. *see* Tripathi, S.K. 37539
Mukherjee, S.C. *see* Chatterjee, A. 6480
Mukherji, A., Colsher, R. Open systems networking for operation and maintenance workstation 32514
Mukherji, S., Rajaraman, R., Adikesavulu, A.K., Suryanarayana, D., Murthy, T.S.R. Electrostatic charging behaviour of transformer oil 16941
Mukherji, S. *see* Moravec, T.J. 17913
Mukhin, N.P. *see* Borisov, V.I. 45747
Mukhin, S. *see* Bochkov, A. 20642
Mukhin, S.A. *see* Gilitskii, Yu.V. 46921
Mukhin, S.V. *see* Aksinenko, V.D. 7265
Mukhin, Y. *see* Artuso, M. 46938
Mukhopadhyay, A.K., Chakrabarti, A. Development of a microprocessor based on-line dynamic VAr parallel processor at the load end of an EHV longitudinal power supply system 39532
Mukhopadhyay, A.K. *see* Chakraborti, A. 25036
Mukhopadhyay, A.K. *see* Sengupta, S. 32457
Mukhopadhyay, B., Chakravorti, T. Accurate modelling of three core belted cable by modified charge simulation method 39603
Mukhopadhyay, D. An approach to realizing interoperability using APPC 5460
Mukhopadhyay, P.K., Barat, P., Kar, S.K., Bandyopadhyay, S.K., Sen, P. Unexpected behaviour of core materials of electrical coils at low temperatures 27330
Mukhopadhyay, P.K. *see* Mukhopadhyay, S.C. 40284
Mukhopadhyay, S., Daw, A.N. On the dependence of cut-off frequency of a Schottky diode on epilayer doping 19067
Mukhopadhyay, S., Ghosh, P. A minimisation technique for the determination of residues of a decimal number by fibre optic maps 20450
Mukhopadhyay, S. *see* Ray, A.K. 38582
Mukhopadhyay, S.C., Pal, S.K., Bose, S. A combined circuit and finite element analysis of cage rotor induction motor under wide ratio pole configuration 40154
Mukhopadhyay, S.C., Pal, S.K., Bose, S., Chowdhury, S.P. Performance prediction of a commercially designed cage motor for wide ratio pole configuration 40160
Mukhopadhyay, S.C., Pal, S.K., Mukhopadhyay, P.K. PC based numerical computation of nonlinear field problem using FDM and FEM 40284
Mukhtar, S. Combined heating, power and chilled water supply, why not in Auckland? 8140
Mukoh, A. *see* Nalwa, H.S. 26391
Mukumoto, K. *see* Gang Wu 22326
Mukumoto, K. *see* Wu, G. 13872
Mukumoto, M. Cable TV program and its transmission system 38318
Mukund, P.R. *see* Ellis, G.R. 17908
Mukunda Rao, M., Ahmadi, D., Kumar, S.P.V. Propagation characteristics for satellite optical communication links 22968
Mul, F.A. *see* Zondervan, A. 46867
Mulan Liu, Zunquan Li Coset correlation of LR m-arrays 18078
Mulan Liu *see* Dongdai Lin 33460
Mulcahy, T.M., He, J., Rote, D.M., Rossing, T.D. Forces on a magnet moving past figure-eight coils 48362
Mulder, D. *see* Grace, M.I. 38586
Mulder, S.A. Fit formulae for power loss in ferrites and their use in transformer design 27329
Mulders, P.J.G. *see* Blok, H.P. 38935
Mule, M. *see* De Rossi, D. 46523
Mulgrew, B., Nisbet, K., McLaughlin, S. Degeneracy in nonlinear predictors 13431
Mulgrew, B. *see* Chen, S. 4760
Mulgrew, B. *see* Chen, S. 12799
Mulgrew, B. *see* Chen, S. 13473
Mulgrew, B. *see* Chen, S. 29663
Mulgrew, B. *see* Chen, S. 45412
Mulgrew, B. *see* Hovel, S.A. 23360
Mulgrew, B. *see* Hughes, D.T. 36636
Mulgrew, B. *see* Li Zhongwei 6271
Mulgrew, B. *see* Martin, J. 23140
Mulgrew, B. *see* Ushaw, G. 36634
Mulgrew, B. *see* Ushaw, G. 42008
Mulgrew, B. *see* Warner, E.S. 12841
Mulgrew, B. *see* Warner, E.S. 39442
Mulgrew, P.P. *see* Early, K. 27828
Mulgrew, P.P. *see* MacDowell, A.A. 27832
Mulgrew, P.P. *see* Tennant, D.M. 27823
Mulhall, B.E. *see* Zhang, H. 8664
Mulhollan, G. *see* Schultz, D. 38807
Mulholland, A. Application connectivity and groupware 37474
Mulholland, L.S. *see* Firth, D. 25165
Mull, D.E. *see* Liau, Z.L. 43836
Mullacrane, I.D. *see* Quinn, P.D. 15454
Mullally, T. *see* Catchmark, J.M. 12218
Mullally, T. *see* Morgan, R.A. 20829
Mullaly, T. *see* Chirovsky, L.M.F. 20491
Mullaly, T. *see* Kojima, K. 3579
Mullan, C.A., Casey, S.M., Jones, C., Kiely, C.J., Imanieh, M., Tomlinson, R.D. Microstructural and microchemical characterisation of $CuInSe_2$ ingots grown by the vertical Bridgman technique 9504
Mullan, C.A., Kiely, C.J., Rockett, A., Imanieh, M., Yakushev, M.V., Tomlinson, R.D. Studies of the effects of ion-implantation and electron beam irradiation on $CuInSe_2$ single crystals 2083
Mulleder, J. *see* Schofbanker, M. 25500
Mullee, G.R. *see* Favreau, C.R. 39748
Mullen, E.G. *see* Frederickson, A.R. 39150
Mullen, E.G. *see* Ray, K.P. 39303
Mullen, L., Herczfeld, P.R., Contarino, M. Analytical and experimental evaluation of an optical fiber ocean mass simulator 39404
Mullenborn, M., Haegel, N.M. Recombination at heterojunction interfaces 19408
Mullens, J. *see* McKinney, D. 41920
Muller, A., Gottert, J., Mohr, J. LIGA microstructures on top of micromachined silicon wafers used to fabricate a micro-optical switch 30590
Muller, A. *see* Brenner, K.-H. 11663
Muller, A. *see* Brenner, K.H. 20369
Muller, A. *see* Jennewein, E. 23963
Muller, B. *see* Drusedau, T. 34529
Muller, B.H. *see* Horn-von Hoegen, M. 734
Muller, B.H. *see* Horn-von Hoegen, M. 33648
Muller, C. *see* Hanni, W. 9769
Muller, C.O. *see* Fromherz, P. 10594
Muller, D. *see* Abe, K. 7260
Muller, D. *see* Abe, K. 15619
Muller, D. *see* Abe, K. 46930
Muller, D. *see* Chaumette, E. 6141
Muller, D. *see* Chaumette, E. 24452
Muller, D. *see* Coyle, P. 46918
Muller, D. *see* Hoffmann, T. 22422
Muller, D. *see* Laubenbacher, C. 24249
Muller, E., Grindatto, D.P., Nissen, H.-U., Onda, N., von Kanel, H. High-resolution transmission electron microscopic study of the γ-$FeSi_2/Si(111)$ interface 42561
Muller, E. *see* Woias, P. 6608
Muller, F. Distribution shape of two-dimensional DCT coefficients of natural images 13520
Muller, F. An EDP-supported management guidance and monitoring system for electrical machines 25393
Muller, F. *see* Melzer, D. 26523
Muller, F. *see* Mihalcescu, I. 34772
Muller, F. *see* Quenter, D. 11551
Muller, F. *see* Ruppel, C.C.W. 11421
Muller, F. *see* Schonfeld, R. 8866
Muller, G., Machui, J., Reindl, L., Weigel, R., Russer, P. Design of a low loss SAW reflector filter with extremely wide bandwidth for mobile communication systems 42031
Muller, G., Stoll, L., Wenger, G., Schienle, M. First low loss InP/InGaAsP optical switch with integrated mode transformers 35476
Muller, G. *see* Abe, K. 7260
Muller, G. *see* Abe, K. 15619
Muller, G. *see* Abe, K. 46930
Muller, G. *see* Acklin, B. 35484
Muller, G. *see* Bourdon, W. 5750
Muller, G. *see* Machui, J. 1300
Muller, G. *see* Reschke, D. 15509
Muller, G. *see* Roth, R.W. 15519
Muller, H., Bogaerts, A., Buytaert, J., Divia, R., Ivanov, A., Keyser, R., Lozano-Alwmany, F., Mugnai, G., Samyn, D., Skaali, B. First experience with the scalable coherent interface 46319
Muller, H., Rudwick, T., Sommerfeldt, S., Miracky, R. Very fast prototyping of multi-chip module substrates 9309
Muller, H. *see* Albersmann, J. 16198
Muller, H. *see* Czarske, J. 6812
Muller, H. *see* Doll, P. 46965
Muller, H. *see* Hebler, K.-L. 22665
Muller, H. *see* Joos, M. 6646
Muller, H. *see* Meier, U. 21393
Muller, H. *see* Padamsee, H. 6995
Muller, H.B. *see* Bertram, W. 15312
Muller, H.G. Photothermal formation of copper conductors on multichip module substrates using a Nd:YAG laser 18298
Muller, I. CKD power modules development trends 1043
Muller, J. Dynamic measuring of laser path accuracy 36084
Muller, J., Bohlin, E., Karpakka, J., Riis, C., Skouby, K.E. Telecommunications liberalization in the Nordic countries 5283
Muller, J., Chour, M. Two-frequency laser interferometric path measuring system for extreme velocities and high accuracies 38718
Muller, J., Zurhelle, D., Fischer, K., Loffler-Peters, A., Hoffmann, R. Integrated optical pressure sensor with coupling structures 14925
Muller, J. *see* Fischer, K. 35465
Muller, J. *see* Pauli, M. 9648
Muller, J.-C., Hartiti, B., Younis, H., Sieffert, P. Thermal stability of hydrogenation processes into multicrystalline silicon 10817
Muller, J.-C. *see* Hartiti, B. 10804
Muller, J.-C. *see* Hartiti, B. 10847
Muller, J.-D. *see* Guerin, Y. 9914
Muller, J.-M. *see* Skaf, A. 34017
Muller, J.C. *see* Demesmaeker, E. 8748
Muller, J.C. *see* Hartiti, B. 48122
Muller, K., Schirrmeister, F., Reventlow, C., Sibert, D., Reimers, J., Stoffers, C. A chipset for real time HDTV motion vector estimation using the phase correlation 38278
Muller, K. *see* Eichenberger, S. 38928
Muller, K. *see* Reventlow, C.v. 38303
Muller, K.-B., Stucki, F. Characteristics of individual water trees in cross linked polyethylene insulated cables 32432
Muller, K.-H. *see* Eckert, D. 43286
Muller, K.-O. Improved EMI test instruments and techniques 44389
Muller, K.D. *see* Kanyo, M. 7192
Muller, K.G. *see* Mausbach, M. 814
Muller, K.P., Eib, N.K., Faure, T.B. Etching on silicon membranes for sub-0.25-μm X-ray mask manufacturing 27901
Muller, K.P. *see* Allen, R.D. 11069
Muller, K.P. *see* Brunsvold, W. 11082
Muller, L. *see* Neyer, A. 35426
Muller, L. *see* Signorini, C. 31799
Muller, M. Bondgraph execution as a new algorithm for circuit simulation 33834
Muller, M. ARM6: processor design for high performance at low power 34116

Muller, M., Bahr, D., Press, W., Jebasinski, R., Mantl, S. Annealing of silicon implanted by a high dose of cobalt ions investigated by in situ X-ray diffraction 2022
Muller, M. *see* Janik, J. 24342
Muller, M. *see* Magowan, P. 41926
Muller, M. *see* Marschner, T. 9647
Muller, N., Nickel, W., Zeininger, H. Toward a comprehensive materials balance 18113
Muller, N.J. Managing image files over the network 5575
Muller, N.J. Bandwidth management with inverse multiplexers 14032
Muller, N.J. Intelligent hubs 40725
Muller, O., Mantl, S., Radermacher, K., Bay, H.L., Crecelius, G., Dieker, C., Mesters, S. Allotaxial growth of epitaxial $Si/FeSi_2/Si$ heterostructures 19411
Muller, P., Dunn, R., Mendelson, Y., Peura, R., Sacristan, E. A preliminary in-vitro evaluation and comparative study of various tissue pH sensors 31830
Muller, P. *see* Stephan, K.-H. 11808
Muller, R., Santos, M.T., Arizmendi, L., Cabrera, J.M. A narrow-band interference filter with photorefractive $LiNbO_3$ 28585
Muller, R. *see* Averin, S.V. 46424
Muller, R. *see* Finders, J. 9634
Muller, R. *see* Harboe-Sorensen, R. 39253
Muller, R. *see* Klehr, A. 35768
Muller, R. *see* Kusters, A.M. 35021
Muller, R. *see* Lescroart, G. 20613
Muller, R. *see* Rothfritz, H. 43875
Muller, R. *see* Shi Changxin 31213
Muller, R. *see* Weber, R. 34674
Muller, R.J. *see* Fichtenbaum, M.L. 6313
Muller, R.W. Interaction of the RF system of storage rings and linacs with longitudinal bunch oscillations 31571
Muller, R.W., Arnold, R.C. Basic features of a reactor driver concept for indirect drive 15333
Muller, R.W., Arnold, R.C. Examples of heavy-ion driver schemes for indirect drive 15338
Muller, S. *see* Devaux, F. 35619
Muller, S. *see* Fichtner, W. 2639
Muller, T., Rohling, H. Distribution of fading duration in narrow band mobile radio channels 22867
Muller, U., Engelfried, J., Gerassimov, S.G., Martens, K., Michaels, R., Siebert, H.-W., Walder, G. Particle identification with the RICH detector in experiment WA89 at CERN 46916
Muller, U., Rosner, G., Volkemer, B., Walcher, Th., Majewski, S., Egger, J., Kaspar, H., Kneis, H., Povh, B. A RICH detector with two-stage gas amplification at atmospheric pressure 46907
Muller, U. *see* Gasser, S. 47589
Muller, U. *see* Kienbock, M. 47618
Muller, U. *see* Martens, K. 46914
Muller, U. *see* Siebert, H.-W. 46896
Muller, W., Grahn, H.T., von Klitzing, K., Ploog, K. Resonant tunneling in crossed electric and magnetic fields in GaAs-AlAs superlattices 10727
Muller, W.B. *see* Lidl, R. 18020
Muller-Glaser, K.D., Wolz, W. Towards higher quality of design and test — perspectives of EBT tool integration 40907
Muller-Glaser, K.D. *see* Scharf, R. 11264
Muller-Glaser, K.D. *see* Scharf, R. 43047
Muller-Romer, F. Development trends of digital broadcasting systems (radio and television) and new broadcasting services 46172
Muller-Romer, F. *see* Amor, H. 30992
MullerGlaser, K.D. *see* Arnold, R. 14880
Mullick, R. *see* Ezquerra, N. 7335
Mulligan, J.H., Jr. *see* Lo, C.C. 42969
Mulligan, J.J. *see* Satorius, E.H. 4764
Mulligen, E.M.van *see* van Mulligen, E.M.
Mullin, F.J., Rom Tamjis, M. Simulated VME system for adaptive control of a turbine generator 8262
Mullin, L.M.R., Thibault, S.A., Dooling, D.R., Sandberg, E.A. Formal method for scheduling, routing and communication protocol 13900
Mullins, C.F., Giannakis, G.B. Multiple window correlation estimation with applications in adaptive filtering 29607
Mullis, C.T. *see* Fajre, C.J. 13443
Mullner, W. *see* Garn, H.F. 36284
Multani, M.S. *see* Hingorani, S. 10514
Multon, B. New possibilities with electronic supplied motors 25394
Multon, B., Hassine, S., Chenadec, J.Y.L. Pole arcs optimization of vernier reluctance motors supplied with square wave current 25397
Multon, B. *see* Laurent, P. 40127
Multon, B. *see* Laurent, P. 40128
Mulvey, J.H. *see* Doucas, G. 4003
Mulvey, M. *see* Pycock, S. 22992
Mulyarchik, S.G., Bielawski, S.S., Popov, A.V. Efficient computational schemes of the conjugate gradient method for solving linear systems 42826
Mumaw, R.J., Schoenfeld, I.E., Persensky, J.J. Training cognitive skills for severe accident management 39771
Mumaw, R.J. *see* Roth, E.M. 39752
Mumaw, R.J. *see* Roth, E.M. 39793
Mumford, F.J. Design considerations for synchronous generators incorporating high temperature superconducting field windings 8333
Muminov, R.A., Pod'yachev, V.N., Malaeva, V.T., Dzhuraev, U.B., Oksman, M.M., Ishmuratov, G.V. Effect of electron bombardment on the stabilization of the characteristics of silicon detectors with a thin "dead" layer 46948
Muminov, R.A. *see* Al'-Oran, B.F. 33042
Muminov, R.A. *see* Al-Oran, B.F. 40477
Mummalaneni, V. *see* Chiang-nan Chao 40849
Mummler, K. *see* Eversheim, P.D. 31625
Mumtaz, S.Z. *see* Goel, L.R. 9354
Mun, S.K. *see* Krasner, B. 31856
Mun Gi Choi, Erdogan, O.E., Galatsanos, N.P., Katsaggelos, A.K. Multichannel regularized iterative restoration of image sequences 36823
Mun Lye Kin *see* Kin Mun Lye
Munakata, C. *see* Honma, N. 6710
Munakata, C. *see* Shimizu, H. 2099
Munakata, K. *see* Shima, K. 33138
Munakata, T., Takefuji, Y., Johansson, H. Modified Hopfield-Tank neural networks applied to the "Unitized" maximum flow problem 41114
Munakata, T. *see* Youssef, N. 18004
Munakata, Y. *see* Suzuki, M. 36050
Munari, I.De *see* De Munari, I.
Munch, W.von *see* von Munch, W.
Muncy, T.A. Gibson Station online performance monitoring 32689
Munday, D.J. *see* Bates, S. 24057
Munday, D.J. *see* Borer, K. 7221
Munde, J. *see* Rayfield, J. 1258
Munder, H., Berger, M.G., Frohnhoff, S., Thonissen, M., Luth, H., Jeske, M., Schultze, J.W. Investigation of different oxidation processes for porous Si by XPS 34725
Munder, H. *see* de Wolf, I. 10903
Munding, P.D. *see* Watkins, W.R. 38522
Mundinger, D., Endriz, J., Haden, J., Harnagle, G., Dawson, D. Laser diode arrays for high average power pumping of solid state lasers 20726
Mundinger, H.J., Mattern-Klosson, M., Hafner, H.U., Kiese, G. Fast cryopump regeneration does more than save time [semiconductor manufacturing] 34657
Mundy, J. *see* Noble, A. 29872
Munehiro, T., Sakagami, I., Nakamizo, H., Nishitsuji, A. Fadings on a microwave link across the Tsugaru passage 22795
Munemasa, A., Pasechnik, D.V., Shpectorov, S.V. The automorphism group and the convex subgraphs of the quadratic forms graph in characteristic 2 9408
Muneyasu, M., Hinamoto, T. Analytical design of multidimensional recursive digital filters with cubic symmetry and constant group delays 10288
Muneyasu, M., Tsujii, S., Hinamoto, T. A 2-D IIR neural hybrid filter for image processing 29893
Munger, M. *see* Poore, A.B. 4756
Munger, M. *see* Poore, A.B. 29641
Munguia, P. *see* Bassous, E. 1891
Munguia, P. *see* Kinosky, D. 33699
Munguia, P. *see* Kinosky, D. 34737
Munguia, P. *see* Kinosky, D.S. 10962
Munguia, P. *see* Qian, R.Z. 9587
Muniain, J.F. *see* Elias-Fuste, A. 32052
Muniain, J.Fernandez de *see* Fernandez de Muniain, J.
Munidasa, M. *see* Mandelis, A. 12049
Munie, G.C., Wenger, G.M., Machusak, D.A., Noctor, D.M., Ejim, T.I. Effect of solderability on assembly yield and reliability 34437
Munin, E., Balbin Villaverde, A., Zhang, X.X., Bass, M. Broadband, intensity dependent absorption in tetravalent chromium-doped crystals 3836
Munjuluri, R. The IEEE 802 local network standards: a review 22530
Munk-Nielsen, S. *see* Blaabjerg, F. 8791
Munkel, C. *see* Streicher, J. 39381
Munnix, S. *see* Schmeits, M. 19739
Munno, C.J. *see* Turk, H. 5090
Munno, C.J. *see* Wayman, J.L. 5089
Munns, G.O. *see* Chen, W.L. 19701
Munns, G.O. *see* Chen, W.L. 41329
Munns, G.O. *see* Chen, W.L. 42869
Munns, T. *see* Bruce, W.C. 10204
Munowitz, M. *see* Vezzetti, D.J. 29273
Munoz, E. *see* Alvarez, A.L. 42627
Munoz, E. *see* Calle, F. 27251
Munoz, E. *see* Fernandez de Avila, S. 34668
Munoz, J.J.Medina *see* Medina Munoz, J.J.
Munoz-Blanco, J.A., Quevedo-Losada, J.C., Bolivar-Toledo, O. The role of partitions and functionals in descriptor computation for data receptive fields 30159
Munoz-Garcia, S.G., Ruiz, J.B. Adaptive digital beamforming for a CDMA mobile communications payload 37733
Munoz-Yague, A. *see* Bedel, E. 9633
Munoz-Yague, A. *see* Garcia, B.J. 18138
Munro, A. *see* Davies, R.L. 45800
Munro, D.K. *see* Hacker, R.J. 25278
Munro, W.S.H., Wykes, C. Arrays for airborne 100 kHz ultrasound 24539
Munro, W.S.H. *see* Carr, H. 7660
Munro-Smith, B., Farhangian, K. The performance evaluation of wireless LAN systems 22560
Munroe, M., Hodges, S.E., Cooper, J., Raymer, M.G. Total intensity modulation and mode hopping in a coupled-cavity laser as a result of external-cavity length variations 28900
Munroe, M. *see* Hodges, S.E. 3702
Munshi, P., Rathore, R.K.S., Sri Ram, K., Kalra, M.S. Error analysis of tomographic filters II: results 33795
Munson, R.E. Conformal antennas for smart cars 48443
Muntean, N. *see* Boldea, I. 25412
Muntwyler, S.Kleindienst *see* Kleindienst Muntwyler, S.
Muntwyler, U., Kleindienst Muntwyler, S. The promotion programme for lightweight electric vehicles in Switzerland 48294
Munukutla, L.V., Cheng, S.H., Anderson, S.J. GaAs devices for low loss power rectification 11125
Munukutla, S., Khodabakhsh, F., Wall, T. Air flow tests on stack models with application to CEMS 32694
Munuzuri, A.P. *see* Perez-Villar, V. 26670
Munzel, F. Double-layer satellite network for regional voice communications 22972
Munzel, N. *see* Nalamasu, O. 11060
Munzing, H. Mains—and motor-friendly invertor design 8608
Muppala, J.K., Ciardo, G., Trivedi, K.S. Modeling using stochastic reward nets 9399
Mur, G. The finite-element modeling of three-dimensional electromagnetic fields using edge and nodal elements 3959
Mur, G. *see* Steendijk, P. 31955
Mur, M. *see* Anvar, S. 38890
Mura, R. *see* di Vito, A. 46060
Murad, A.H., Fuja, T.E. Distributed decoding of cyclic block codes using a generalization of majority-logic decoding 36507
Murad, S.K., Wilkinson, C.D.W., Beaumont, S.P. Selective and nonselective RIE of GaAs and $Al_xGa_{1-x}As$ in $SiCl_4$ plasma 27756
Murad, S.K., Wilkinson, C.D.W., Wang, P.D., Parkes, W., Sotomayor-Torres, C.M., Cameron, N. Very low damage etching of GaAs 27741
Muradov, B.B. *see* Bairamov, R.B. 25105
Muraguchi, M., Nakatsugawa, M., Aikawa, M. A novel MMIC power amplifier for pocket-size cellular telephones 1608
Muraguchi, Y. *see* Ebihara, D. 48368
Muraguchi, Y. *see* Ebihara, D. 48489
Murahashi, T. *see* Mitsuda, K. 48100
Murahata, M. *see* Ohkubo, S. 20255
Murai, F. *see* Sakamizu, T. 27962
Murai, H. Electro-optic properties of liquid crystal phase gratings and their simulation using a homogeneous alignment model 3208
Murai, H. *see* Sugawara, T. 6690
Murai, K. *see* Tsunemi, H. 11939
Murai, R. *see* Morii, T. 42950
Murai, S. Downsizing by open system, the unknown reasons 22642
Murai, T. *see* Kanaoka, M. 25965
Murai, T. *see* Kanaoka, M. 25975
Murai, T. *see* Sun, Y. 29098
Murai, Y., Nakamura, H., Lipo, T.A., Aydemir, M.T. Pulse-split concept in series resonant DC link power conversion for induction motor drives 40549
Murai, Y. *see* Aydemir, M.T. 25880
Murai, Y. *see* Nakamura, H. 17012
Murai, Y. *see* Sato, Y. 28728
Murai, Y. *see* Yamagata, T. 18737
Murai, Y. *see* Yoshida, M. 8575
Muraida, J.E. *see* Holmquist, L.J. 32561
Murakami, A., Takura, H., Yoshikawa, M. Preparation of PLZT thin film by ion beam sputtering 33736
Murakami, A., Yoshinaka, H., Goto, M. Radiation hardness of plastic scintillating fiber against fast neutron and γ-ray irradiation 7248
Murakami, A., Yoshinaka, H., Sahu, S.K., Maki, A., Yamaguchi, H., Zhang, N.-S. Signal readout from scintillating fiber by using multianode photomultiplier tubes 7247
Murakami, A. *see* Ohsugi, T. 46838
Murakami, A. *see* Ohsugi, T. 46839
Murakami, A. *see* Tamura, N. 46889
Murakami, C. Fundamental investigation on stiffness of magnetic forces of permanent magnets 11501
Murakami, F. High-resolution fast-response profilometer based on active-stabilized interferometry 6788
Murakami, F., Narumi, K., Ohta, T. Internal-mirror He-Ne laser stabilized to saturated absorption of iodine in an external ring resonator 3714
Murakami, H., Aoki, R. Investigations of gap anisotropy of $Bi_2Sr_2CaCu_2O_x$ single crystal by electron tunnelling 2900
Murakami, H., Matsumoto, S. Recent video coding technologies and their international standardization 45244
Murakami, H. *see* Hamada, T. 46206
Murakami, H. *see* Hirayama, K. 32513
Murakami, H. *see* Ishibai, Y. 12493
Murakami, H. *see* Kitaizumi, T. 31925
Murakami, H. *see* Sato, N. 45411

Murakami, H. *see* Taka, M. 37594
Murakami, H. *see* Takishima, Y. 6196
Murakami, H. *see* Takishima, Y. 22272
Murakami, H. *see* Tsukada, K. 24090
Murakami, H. *see* Tsunemi, H. 7234
Murakami, H. *see* Tsunemi, H. 11939
Murakami, J., Sagayama, S. An efficient algorithm for using word trigram models for continuous speech recognition 13027
Murakami, J., Tadokoro, Y. Lower rank approximation method of linear prediction matrices by the block power method 13195
Murakami, J. *see* Sugiyama, M. 29552
Murakami, J. *see* Tian-Bo Deng 36682
Murakami, K. Towards platform node-microprocessors for distributed shared memory multiprocessing 18757
Murakami, K., Adachi, A., Hirota, J., Hayashi, O., Hoshinouchi, S. Study of a laser soldering process for fine-pitch leads. Substantiation of the new technique and solder flow control 19232
Murakami, K., Fujishiro, T., Ito, K., Hata, Y. The role of ASICs in automotive control systems 33130
Murakami, K., Iwano, Y., Mase, K., Ito, T., Kuwahara, M., Tsunoda, T. 1700 V 180 A half bridge IGBT module utilizing optimized life time control and high voltage planar structure 32929
Murakami, K., Kuroyanagi, S. Overview of photonic switching systems using time-division and wavelength-division multiplexing 45725
Murakami, K. *see* Dunzhuo Dong 28306
Murakami, K. *see* Kato, T. 3053
Murakami, K. *see* Kimura, T. 33134
Murakami, K. *see* Koshimizu, H. 36903
Murakami, K. *see* Maeda, M. 46229
Murakami, K. *see* Miyazaki, H. 42676
Murakami, K. *see* Miyazaki, T. 38992
Murakami, K. *see* Naemura, M. 6255
Murakami, K. *see* Nagata, H. 27885
Murakami, K. *see* Oizumi, H. 27855
Murakami, K. *see* Okada, N. 2739
Murakami, K. *see* Seki, K. 7987
Murakami, K. *see* Sogoh, Y. 18228
Murakami, K. *see* Tomonaga, H. 22731
Murakami, K. *see* Yamaguchi, K. 1668
Murakami, K. *see* Yamazaki, H. 8978
Murakami, L.W., Watkins, T.W. Implementation of a centralised disturbance recording facility 25074
Murakami, M. Magnetic properties of high-temperature superconductors 2876
Murakami, M. Superconducting flywheel 25852
Murakami, M. *see* Kawata, H.R. 34604
Murakami, M. *see* Nishi, N. 35931
Murakami, M. *see* Oku, T. 34603
Murakami, M. *see* Ono, S. 19931
Murakami, S. Technologies of wide aspect TV equipment 23281
Murakami, S., Okamoto, T., Maruyama, K., Takigawa, H. Iodine doping in mercury cadmium telluride ($Hg_{1-x}Cd_xTe$) grown by direct alloy growth using metalorganic chemical vapor deposition 2090
Murakami, S. *see* Hasegawa, T. 7789
Murakami, S. *see* Maruyama, K. 18199
Murakami, S. *see* Ukita, M. 26922
Murakami, S. *see* Ukita, M. 34049
Murakami, T., Ishibashi, H., Ohnishi, K. Structure of a simulated muscle system 40384
Murakami, T. *see* Honguh, Y. 11575
Murakami, T. *see* Kasezawa, T. 31010
Murakami, T. *see* Kato, Y. 30085
Murakami, T. *see* Nakai, T. 38272
Murakami, T. *see* Ohira, H. 31151
Murakami, T. *see* Ohska, T.K. 22998
Murakami, T. *see* Sakata, A. 31574
Murakami, T. *see* Yamada, H. 43142
Murakami, T. *see* Yoshio, M. 48048
Murakami, T. *see* Yuki, K. 25378
Murakami, Y. Microwave ferrite technology in Japan: current status and future expectations 2856
Murakami, Y., Chujo, W., Chiba, I., Fujise, M. Dual slot-coupled microstrip antenna for dual frequency operation 12743
Murakami, Y., Hasegawa, T., Morita, N., Fukami, E., Itoh, M. Magnetic properties and read/write characteristics of exchange-coupled double-layered magnetooptical media using GdFeCo/TbFeTi film 20416
Murakami, Y., Shingyouji, T. Separation and analysis of diffusion and generation components of pn junction leakage current in various silicon wafers 42485
Murakami, Y. *see* Kusuyama, K. 657
Murakami, Y. *see* Mitani, Y. 24819
Murakami, Y. *see* Ogino, Y. 8419
Murakami, Y. *see* Ogino, Y. 40184
Murakawa, K., Kuwabara, N. Maximum radiated interference field estimation method of electric equipment by using randomly assigned phase terms 12633
Murakawa, K., Masuda, H., Masugi, M., Tokuda, M. Estimation techniques of radiated interference field in actual configurations 29210
Murakawa Shigemi *see* Shigemi Murakawa
Muraki, K. *see* Kiyota, Y. 34669
Muraki, K. *see* Sato, T. 16350
Muraki, K. *see* Takahashi, Y. 19389
Murakoshi, A. *see* Mizushima, I. 42647
Murakoshi, H., Dohi, Y., Sekiguchi, T. Proposal of division strategy for large Petri net controller 34142
Murakoshi, H. *see* Nishihara, H. 8959
Murakoshi, N., Nishihara, A., Watanabe, E. Synthesis of low-sensitivity second-order real digital filters using complex two-port adapters 1323
Murakoshi, N., Watanabe, E., Nishihara, A. A synthesis of complex allpass circuits realizing even-order elliptic filters 18846
Murakoshi, N., Watanabe, E., Nishihara, A. A synthesis of variable IIR digital filters with complex coefficients 27087
Murakoshi, N. *see* Watanabe, E. 34181
Murakosi, S., Kawamata, M., Higuchi, T. Frequency scramble for secure communication of images using multidimensional digital filters 13545
Murali, K., Lakshmanan, M. Transmission of signals by synchronization in a chaotic Van der Pol-Duffing oscillator 5314
Murali, K., Lakshmanan, M. Chaotic dynamics of the driven Chua's circuit 26656
Murali, K., Lakshmanan, M. Synchronizing chaos in driven Chua's circuit 26669
Murali, V., Meenakshi, S., Lakshmanan, A.V. Comparison of the calibration factor N_{gas} for a plane-parallel ionization chamber determined in ^{60}Co and high-energy electron beams 7500
Murali Mohan, B. An indigenous distributed control system 16501
Muralidhar, G.K., Rao, G.M., Mohan, S. Fabrication and performance study of a $YBa_2Cu_3O_{7-\delta}$ thin film varistor 20217
Muralidharan, B. Multiprotocol management agents: a look at an implementation and the issues to consider 22454
Muralidharan, P.R. *see* Kannan, R. 7980
Muralidharan, P.R. *see* Kannan, R. 24983
Muramatsu, K., Nakata, T., Takahashi, N., Fujiwara, K. Method for analyzing eddy currents in moving conductors 16757
Muramatsu, K., Sakai, Y. Image retrieval method based on structural description of image 22137
Muramatsu, K. *see* Inoue, T. 33132
Muramatsu, M. *see* Ohsugi, T. 46838
Muramatsu, M. *see* Ohsugi, T. 46839
Muramatsu, M. *see* Yamamoto, K. 38866
Muramatsu, S. *see* Naemura, M. 6255
Muramatsu, Y., Maeda, F., Maeyama, S., Watanabe, Y., Oshima, M. A VUV beamline (ABL-3B) for real-time photoelectron spectroscopy at the NTT synchrotron radiation facility 46714
Muramori, K. *see* Saita, M. 34149
Muramoto, T. *see* Shin, D. 5432
Muranaka, K. *see* Ueyama, M. 35295
Muranaka, N., Imanishi, S. Constructions of edge-triggered ternary flip-flop circuits 26903
Murano, K. Adaptive signal processing applied in telecommunications 5322
Murano, K. *see* Kimura, T. 3282
Murano, K. *see* Matsumoto, Y. 45689
Murao, Y. *see* Homma, T. 2729
Murao, Y. *see* Homma, T. 18256
Murao, Y. *see* Homma, T. 19634
Murao, Y. *see* Horiuchi, T. 42935
Murao, Y. *see* Yamamoto, T. 29935
Muraoka, H., Nakamura, Y. High-density recording characteristics of perpendicular magnetic recording with sliding-contact hard disk system 2845
Muraoka, H. *see* Nishida, Y. 43307
Muraoka, H. *see* Umehara, T. 20145
Muraoka, K. *see* Hirakawa, Y. 35978
Muraoka, K. *see* Uchiumi, M. 24491
Muraoka, M. *see* Sunaga, M. 32779
Murarka, S.P., Gutmann, R.J., Kaloyeros, A.E., Lanford, W.A. Advanced multilayer metallization schemes with copper as interconnection metal 10996
Murarka, S.P., Steigerwald, J., Gutmann, R.J. Inlaid copper multilevel interconnections using planarization by chemical-mechanical polishing 19641
Murarka, S.P. *see* Ding, P.J. 34841
Murarka, S.P. *see* Shepard, C.L. 34843
Murasaki, T., Sato, M., Inasawa, Y., Ando, M. Equivalent edge currents for modified edge representation of flat plates: fringe wave components 21198
Murasaki, T. *see* Ando, M. 12588
Murasawa, S. *see* Ishibai, Y. 12493
Murase, H., Koyama, S., Tani, A. Finite element neural network for non-invasive plant water status monitoring 38403
Murase, H., Nayer, S.K. Learning object models from appearance 45222
Murase, H. *see* Inui, A. 2706
Murase, H. *see* Inui, A. 35155
Murase, H. *see* Kawaguchi, Y. 23835
Murase, H. *see* Takai, M. 10954
Murase, H. *see* Ushida, K. 48035
Murase, K. *see* Shimomura, S. 9619
Murase, K. *see* Shimomura, S. 41347
Murase, K. *see* Wakaya, F. 27533
Murase, K. *see* Wakaya, F. 28224
Murase, K. *see* Yamamoto, T. 27538
Murase, T. *see* Yuasa, T. 3167
Murase, Y. *see* Homma, Y. 38869
Murashige, S., Kido, Y. All digital control thyristor Leonard, THYL-300C 17044
Murashima, O. *see* Nagasawa, H. 17555
Murashima, S. *see* Kanno, T. 31272
Murashiro, K. *see* Okada, H. 11700
Murashko, I.A. *see* Yarmolik, V.N. 34000
Murat, M. *see* Li, C.F. 31505
Murat, P. *see* Kendall, H.W. 46970
Murata, H. *see* Saito, Y. 27002
Murata, H. *see* Sano, S. 23833
Murata, J. *see* Tanaka, Y. 35540
Murata, K. SiC brightens blues for full-color LED display units 15146
Murata, K., Kanazawa, Y., Asamizu, H. An SCSI terminal adaptor for ISDN: the INS Mate SJ-1 37595
Murata, K., Mizokami, S., Yoshida, H. Multi-address transmission system for still pictures via ISDN 30541
Murata, K. *see* Ishihara, T. 41245
Murata, K. *see* Kawata, H. 2282
Murata, K. *see* Kusumoto, K. 27020
Murata, K. *see* Kusumoto, K. 38252
Murata, K. *see* Kusumoto, K. 42002
Murata, K. *see* Matsuoka, Y. 19770
Murata, K. *see* Shimotsu, M. 17277
Murata, K. *see* Sonai, A. 48101
Murata, K. *see* Sonai, A. 48102
Murata, K. *see* Sonai, A. 48103
Murata, K. *see* Takeuchi, M. 43238
Murata, K. *see* Yamawaki, K. 47209
Murata, M. *see* Baba, K. 45275
Murata, M. *see* Hayashi, H. 35638
Murata, M. *see* Oei, Y. 5170
Murata, M. *see* Saitoh, K. 43147
Murata, M. *see* Saitoh, K. 43148
Murata, M. *see* Sugano, M. 13855
Murata, M. *see* Wakamiya, N. 22320
Murata, M. *see* Yamamura, S.'i. 34572
Murata, N., Sakuraba, N., Ukigaya, F., Eto, Y. Single-chip LSI digital television camera 46199
Murata, N. *see* Yamamoto, F. 16575
Murata, S., Nakada, H., Abe, T., Tanaka, H., Watabe, A. Newly packaged 50-μm-spaced 8-element laser diode array with a thermoelectric cooler 20873
Murata, S. *see* Arai, R. 20278
Murata, S. *see* Kimura, A. 20803
Murata, S. *see* Taji, T. 14133
Murata, S. *see* Watabe, A. 20277
Murata, T., Okumura, T., Kadoriku, S., Maruyama, Y. Parts-supply system using AC servo motor drive type injection molding machine 26179
Murata, T. *see* Kutsuwada, N. 15188
Murata, T. *see* Mitsubori, S. 14791
Murata, T. *see* Nakamura, T. 23719
Murata, Y., Koizumi, N. Polarization reversal in homopolymer and copolymers of vinylidene fluoride at low electric field and high temperature 35149
Murata, Y. *see* Masui, N. 44223
Murata, Y. *see* Taguchi, A. 13650
Murata, Y. *see* Taguchi, A. 27088
Murata, Y. *see* Taguchi, A. 29794
Murata, Y. *see* Yamato, S. 32778
Muratikov, K.L. *see* Glazov, A.L. 34670
Muratikov, K.L. *see* Maurer, I.A. 3919
Muratore, F., Palestini, V., Pattini, F. 4-PAM/FM with noncoherent detection for a Pan-European paging system 22853
Muratore, F. *see* Delli Priscoli, F. 45889
Muratore, F. *see* Levi, L. 45836
Muratov, A.V. *see* Ermel, V.E. 7105
Muravev, A.V., Pavlov, S.G., Orlova, E.E., Shastin, V.N. Effects of shallow accepters in a germanium hot-hole laser 43767
Murav'ev, V.V., Mishchenko, V.N. Calculation and experimental investigation of ring microstrip resonators in the shortwave range 20125
Murav'ev, V.V., Tamelo, A.A., Godun, G.A. Comparative analysis of models of microwave heterostructure transistors 19079
Murav'eva, T.M. *see* Belikov, S.V. 7199
Murav'eva, T.M. *see* Belikov, S.V. 7200
Murav'eva, T.N. *see* Borodulina, L.K. 40078
Muravin, G.B. *see* Ship, V.V. 9858
Muravyov, S.V., Savolainen, V. Development particularities for programming systems of measurement procedures 23411
Murawala, P.A., Sawai, M., Tatsuta, T., Tsuji, O., Fujita, S., Fujita, S. On the interface properties and deep level defects in Ta_2O_5 grown on Si by plasma enhanced liquid source-CVD 34627
Murawski, K., Koper, Z.A. Observability of nonlinear waves in optical fibers 3017
Muray, K. *see* Reti, I. 15082
Muray, L.P. *see* Kim, H.S. 27404
Muraya, T. *see* Tamba, N. 34046
Murayama, H. *see* Yoshitake, S. 3654
Murayama, K.-I., Kagawa, Y. Accuracy improvement of electromagnetic force calculation by extrapolation approach in finite element analysis 29093
Murayama, M. *see* Nakajima, K. 14772
Murayama, S. *see* Sato, T. 21048
Murayama, S. *see* Watanabe, Y. 8962
Murayama, Y. *see* Kanemitsuya, K. 25903

Murayama, Y. *see* Toda, H. 25569
Murching, A.M., Woods, J.W. Adaptive color subsampling of images 30096
Murcia, M.de *see* de Murcia, M.
Murdin, B. *see* Kremser, C. 20778
Murdocca, M. A case for all-optical digital computing 28555
Murdoch, A.T. Making the interworking of MANs and ATM networks a reality 14181
Mure-Ravaud, A. *see* Pigeon, F. 6522
Murel, A.V. *see* Tetel'baum, D.I. 34877
Murenzi, R. *see* Antoine, J.-P. 13546
Murer, P. *see* Godard, B. 20628
Muret, P., Lefki, K., Leibovitch, M., Shapira, Y., Regolini, J.L. Comment on 'Effect of sub-band-gap illumination on β-$FeSi_2$/n-type Si diodes under reverse bias' [with reply] 11138
Murgatroyd, F. *see* Xia, R. 24300
Murgu, B.A. *see* Vulcu, I. 39672
Murguia, J.E., Bernstein, J.B. Short-time failure of metal interconnect caused by current pulses 10971
Murgulescu, M.-H., Moisan, E., Legaud, P., Penard, E., Zaquine, I. New wideband, 0.67λ_g circumference 180° hybrid ring coupler 34217
Muriel, M.A. *see* Lopez-Amo, M. 45949
Muriel, M.A. *see* Vazquez, M.C. 43397
Murin, B.P. *see* Bondarev, B.I. 46760
Murin, B.P. *see* Bylinsky, Yu.V. 7009
Murin, B.P. *see* Konovalov, V.A. 15495
Murino, V., Rebollini, S., Foresti, G., Regazzoni, C.S. Multiple geometrical filters for 3D scale-invariant image representation of planar objects 13661
Murino, V. *see* Foresti, G. 13787
Murison, R., Moore, A., Holehouse, N., Lee, S. Are InAlGaAs strained-layer quantum well lasers more reliable? 20840
Murison, R.F. *see* Cockerill, T.M. 20833
Murnane, M.M. *see* Asaki, M.T. 20699
Murnane, M.M. *see* Backus, S. 44099
Murnane, M.M. *see* Jianping Zhou 28769
Murnick, D.E. *see* Wieser, J. 20644
Muro, G.De *see* De Muro, G.
Muroi, Y. *see* Satomura, Y. 20348
Muromoto, Y. *see* Noda, S. 12119
Murota, J., Honma, F., Yoshida, T., Goto, K., Maeda, T., Aizawa, K., Sawada, Y. Low-temperature epitaxial growth of in-situ B-doped $Si_{1-x}Ge_x$ films 9651
Murota, J., Maeda, T., Goto, K., Sakamoto, K., Aizawa, K., Ushioda, S., Ono, S. $Si/Si_{1-x}Ge_x/Si$ heterostructure growth by ultraclean low-temperature LPCVD for the fabrication of novel heterodevice 9650
Murota, J. *see* Matsuura, T. 2186
Murota, J. *see* Sakuraba, B. 9653
Murota, J. *see* Sakuraba, M. 41459
Murota, M. *see* Shibata, H. 10968
Murotani, T. *see* Ishihara, T. 33063
Murotani, T. *see* Kimura, T. 18223
Murotani, T. *see* Kizuki, H. 18153
Murotani, T. *see* Mihashi, Y. 20849
Murotani, T. *see* Sugibayashi, T. 26919
Murotani, T. *see* Sugibayashi, T. 26954
Murowinski, R.G., Linzhuang, G., Deen, M.J. Effects of space radiation damage and temperature on the noise in CCDs and LDD MOS transistors 2579
Muroyama, M., Kawashima, A., Sato, J. Formation of dielectric film for gap-filling by NH_3-added H_2O tetraethoxysilane plasma chemical vapor deposition 27792
Muroyama, M. *see* Gocho, T. 42800
Murphy, A.J. *see* Greenhut, S.E. 24306
Murphy, C.B. *see* Fuerst, C.D. 2783
Murphy, C.C. *see* Fitzpatrick, P. 12864
Murphy, C.T. *see* Boden, A. 38859
Murphy, D.J., Hocking, W.K., Fritts, D.C. An assessment of the effect of gravity waves on the width of radar Doppler spectra 7593
Murphy, D.J., Vincent, R.A. Estimates of momentum flux in the mesosphere and lower thermosphere over Adelaide, Australia, from March 1985 to February 1986 15989
Murphy, D.P., Peyser, T.A., Pechacek, R.E. A compact, four-way image splitter 43601
Murphy, H.G. Power quality issues with adjustable frequency drives—coping with power loss and voltage transients 48166
Murphy, J.A., Egan, A., Withington, S. Truncation in millimeter and submillimeter-wave optical systems 29265
Murphy, J.A., Withington, S., Egan, A. Mode conversion at diffracting apertures in millimeter and submillimeter wave optical systems 34213
Murphy, J.B., Biscardi, R., Halama, H., Heese, R., Kramer, S., Nawrocky, R., Krishnaswamy, J. Performance of the Phase I superconducting X-ray Lithography Source (SXLS) at BNL 7125
Murphy, J.B., White, D.L., MacDowell, A.A., Wood, O.R., II Synchrotron radiation sources and condensers for projection X-ray lithography 27813
Murphy, J.D. *see* Guang-Wen Pan 36343
Murphy, J.L. *see* Delleney, R.D. 8177
Murphy, J.M.D. *see* Moynihan, J.F. 17463
Murphy, J.M.D. *see* Rochford, C. 8348
Murphy, J.M.D. *see* Willers, M.J. 8655
Murphy, K. *see* Dowell, D.H. 12255
Murphy, K.A., Claus, R.O., Miller, M.S., Greene, J.A., Tran, T.A. Spatially weighted optical fiber sensors for structural acoustic analysis 23673
Murphy, K.A., Gunther, M.F., Claus, R.O., Tran, T.A., Miller, M.S. Optical fiber sensors for measurement of strain and acoustic waves 6547
Murphy, K.A. *see* Anbo Wang 43448
Murphy, K.A. *see* Gollapudi, S. 3068
Murphy, K.A. *see* Poland, S.H. 3071
Murphy, K.A. *see* Shyprykevich, P. 23676
Murphy, K.A. *see* Wang, A. 5963
Murphy, K.A. *see* Wang, A. 6544
Murphy, K.St.J. *see* Lettington, A.H. 31286
Murphy, L., Wu, F.F. An open design approach for distributed energy management systems 24713
Murphy, L. *see* Lumetta, S. 47399
Murphy, L. *see* Shau-Ming Lun 47422
Murphy, M. Solution to RF shielding effects in buildings 37732
Murphy, M.M., Gogoasa, I., Szajman, J. Optical fibre speed sensor using cross correlation 38538
Murphy, M.M. *see* Collins, S.F. 23214
Murphy, M.M. *see* Collins, S.F. 36090
Murphy, M.M. *see* Kaddu, S.C. 38544
Murphy, M.M. *see* Petreski, B.P. 38026
Murphy, M.T. Software improves flexibility of SPICE analysis 18430
Murphy, N., Byrne, N., O'Leary, K. Long sequence analysis of human motion using eigenvector decomposition 7384
Murphy, N., Lodge, K. Automatic feature set selection using the modified Karhunen-Loeve transform: industrial application in visual inspection 40994
Murphy, O.J., Hitchens, G.D., Manko, D.J. High power density proton-exchange membrane fuel cells 33013
Murphy, P., Benner, W.R., Jr. Computer graphics for scanned laser displays 36083
Murphy, P. *see* Hebert, T. 15720
Murphy, P.A. *see* Schell, S.V. 14485
Murphy, R.J. *see* Centeno, V. 7993
Murphy, R.J. *see* Phadke, A.G. 47608
Murphy, R.K. *see* Sabbagh, H.A. 18382
Murphy, R.R. *see* Chavez, G.T. 29570
Murphy, R.R. *see* Hoffman, J.C. 32113
Murphy, S. *see* Blackburn, S. 29482
Murphy, S.E., Fleming, T.E. Fitness for duty in the nuclear power industry: the effects of local characteristics 39734
Murphy, T.C., James, S.D., Smith, P.H., Cason-Smith, D.M., Zoski, G.D., Fleischmann, C.W., Chua, D.L., Lin, H.P. Rate capabilities and specific energies of Li/MnO_2 and Li/Li_xCoO_2 AA cells 17249
Murphy, T.O. *see* Heismann, F. 45723
Murphy-Boesch, J., Srinivasan, R., Carvajal, L., Brown, T.R. Two configurations of the four-ring birdcage coil for ^1H imaging and ^1H-decoupled ^{31}P spectroscopy of the human head 39008
Murray, A., Abboud, F., Raymond, F., Berglund, C.N. Feasibility study of new graybeam writing strategies for raster scan mask generation 27917
Murray, A. *see* Clayton, R.H. 15879
Murray, A. *see* Tombs, J. 10378
Murray, A.F. Analogue neural VLSI: issues, trends and pulses 1371
Murray, A.F. *see* Holmes, A.J. 27117
Murray, A.F. *see* Woodburn, R. 10387
Murray, B. *see* O'Neill, C. 14309
Murray, B. *see* Schaefer, R. 10066
Murray, B. *see* Schaefer, R. 18608
Murray, B.A., Li, W.D. A digital tracking R/D converter with hardware error calculation using a TMS320C14 16898
Murray, D.B. Best judge of closeness of delay vectors in embedding space? The Euclidean metric . . . not! 36673
Murray, D.O., III *see* Kotzias, B.D. 309
Murray, D.O., III *see* Kotzias, B.D. 9257
Murray, D.W. *see* McLauchlan, P.F. 29747
Murray, E., Armstrong, G.A., Gamble, H.S. Two-dimensional numerical simulation of a novel GTO thyristor structure employing a buried p^+ grid 2504
Murray, G. *see* Field, D. 32031
Murray, H.S. *see* La Delfe, P.C. 23539
Murray, J. K12 network: global education through telecommunications 5506
Murray, J., Huff, E.M. Integrating multiple expert systems in intelligent crew stations 32018
Murray, J.J. Matrix two-dimensional spectral factorization 21475
Murray, J.R. Design considerations for a radiation hardened nonvolatile memory 34062
Murray, K.E. *see* Jani, M.G. 3490
Murray, M. *see* Gualtieri, J.G. 20048
Murray, R. *see* Kadambe, S. 31950
Murrell, D.L., Young, R.E. Improvement of the high-temperature performance of 1.3 μm buried heterostructure lasers by the use of an AlInAs layer to limit current leakage 3599
Murrell, M.P. *see* Welland, M.E. 27591
Murtagh, M. *see* Lynch, S. 2061
Murtagh, S. Share Inn Success [public house computing] 45500
Murtas, F. *see* Matarazzo, S. 43346
Murtaza, S., Campbell, J., Bean, J.C., Peticolas, L.J. High-reflectivity GeSi/Si asymmetric Bragg reflector at 0.8 μm 35457
Murthi, E. Digital read channel techniques in disk drives 11483
Murthy, D.N.P., Wilson, R.J., Djamaludin, I. Product warranty and quality control 407
Murthy, I.S.N. *see* Madhukar, B. 15888
Murthy, K.A., Yong Li, Pardalos, P.M. A local search algorithm for the quadratic assignment problem 567
Murthy, K.B.S. *see* Garg, S.P. 7231
Murthy, K.M.S. *see* Rahman, M.A. 37961
Murthy, K.M.Sundara *see* Sundara Murthy, K.M.
Murthy, L.S.N., Jagannadh, K., Birinchi, M.V.S. Integrated automation scheme of a distribution substation for local-remote monitoring and control 7927
Murthy, N.S.R. *see* Marar, T.M.K. 47018
Murthy, R. *see* Xin, J. 9821
Murthy, S.K., Weldon, W.F. A single element multiphase compulsator powered railgun system 44269
Murthy, S.S. A novel self-induced self-regulated single phase induction generator. I. Basic system and theory 25424
Murthy, S.S., Rai, H.C., Tandon, A.K. A novel self-exited self-regulated single phase induction generator. II. Experimental investigation 25425
Murthy, S.S. *see* Rai, H.C. 40229
Murthy, T.S.R. *see* Mukherji, S. 16941
Murthy, V.Keshava *see* Keshava Murthy, V.
Murti, M.R. *see* Elgamel, H.E. 17381
Murti, V.G.K. *see* Kaliyugavaradan, S. 23512
Murti, Y.V.G.S. *see* Vijaya, R. 12377
Murty, A.S.R. *see* Balasubramanyam, P.V. 47352
Murty, G.N. *see* Srivastava, S.C. 47335
Murty, M.Narasimha *see* Narasimha Murty, M.
Murty, M.V.Ramana *see* Ramana Murty, M.V.
Murty, T.G.K. *see* Lakshminarayana, D. 29290
Murugesh, B. *see* Jhunjhunwala, A. 22634
Murugov, V.M., Okutin, G.P., Petrov, S.I., Pankratov, V.I. Recording subnanosecond pulses from an iodine laser by an image converter 3730
Murugov, V.M. *see* Dolgopolov, Y.V. 35658
Muruyama, S., Kobayashi, S., Kudo, K. A three-dimensional simulation of electrical tree accounting for fractal characteristics 20038
Murzin, A. *see* Fromzel, V. 20659
Murzin, S.S., Popov, P.V. Longitudinal conductivity of a Boltzmann electron gas in n-InSb in the quantum limit in the magnetic field 1850
Murzin, V.N. *see* Bryanov, D.I. 1931
Musa, M., Al-Ahmad, H. Design of complex digital IIR filters with a finite number of samples 46032
Musangeya, W.T., Beadle, H.W.P. Traffic profiles for audio and data collaborative work systems 37240
Musatov, A.L. *see* Beguchev, V.P. 1778
Musatov, M.I. *see* Petrovskii, G.T. 20238
Musatova, L.V. *see* Givargizov, E.I. 793
Musavi, M.T., Hummels, D.M., Laffely, A.J., Kennedy, S.P. Noise density estimation using neural networks 4638
Musavi, M.T. *see* Lee, R.M. 16062
Musavi, M.T. *see* Lee, R.M. 23542
Musavi, M.T. *see* Wolpert, S. 18930
Muscat, A.J., Rjeb, A., Roy, D. Oxidation of Si(111)7×7 using alkali metal atoms: evidence for local promotion mechanisms 27681
Muscato, G. *see* Carrara, R. 9923
Muschall, R., Lederer, F., Trutschel, U. New ARROW couplers and switches with significantly reduced coupling length 35431
Muschall, R., Schmidt-Hattenberger, C., Lederer, F. Spatially solitary waves in arrays of nonlinear waveguides 36029
Muschall, R. *see* Schmidt-Hattenberger, C. 3005
Muschik, T. *see* Pevtsov, A.B. 20548
Muschitiello, M. *see* De Liso, G. 9313
Muschong, G., Kramer, E. Pulse-modulated solenoid valve 4012
Musenich, R. *see* De Martinis, C. 15510
Musfeldt, H. *see* Balewski, K. 46775
Musgrave, B. *see* Bernstein, A. 31661
Musgrave, B. *see* Wang, M.-Z. 31689
Musgrave, G. *see* Alani, A.F. 2633
Musgrove, P. *see* Lindley, D. 25360
Musha, T., Ivanov, V., Konyshev, V. Source estimation in the human brain from EEG based on the SSB head model 39075
Mushika, Y. *see* Yamashita, H. 17641
Musi, D. *see* Diaconescu, M. 25799
Musia, M. *see* Madjar, A. 27208
Musial, C.J. *see* Blackman, S.S. 29852
Musiani, B.H. *see* Goldhirsh, J. 21242
Musiejovsky, L. *see* Chabicovsky, R. 6449
Musikhin, S.F. *see* Bakueva, L.G. 41432
Musil, C.R. *see* Chu, A. 23441
Musio, A. *see* Marongiu, I. 17478
Musits, B. *see* Kazanzides, P. 24370
Musits, B. *see* Paul, H.A. 24369
Musits, B.L., Bargar, W.L., Carbone, E.J. Image-driven robot assists surgeons with total hip replacements 31984
Musman, S.A. *see* Bachmann, C.M. 4886
Musolino, S. *see* Stevens, A. 46718
Mussa, P.L. *see* Arizio, R. 5389

Musseau, O. Cosmic rays effects in microelectronic devices 28235
Musseau, O. *see* Dentan, M. 34183
Musseau, O. *see* Ferlet-Cavrois, V. 41904
Mussetto, M. *see* Shoucri, M. 47189
Mussig, H. *see* Brugger, H. 10482
Mussino, F. The phenomena of nonlinearity 31030
Mussino, F., Roccato, M. System for teletransmission of data 6351
Mussino, F., Tommasini, R. The safety and correct functioning of radio antennas 4266
Mussio, P. *see* Bottoni, P. 29976
Musso, A. *see* Amendola, G. 15300
Mustafa, I. *see* Elkarmi, F. 8237
Mustafa, M. *see* Masri, S.F. 23678
Mustafa, O.Z. Migration of digital transmission networks towards SDH: a Malaysian perspective? 5302
Mustaphi, K. *see* McLaren, P.G. 32495
Mustieles, F.J., Ballesteros, E., Hernandez-Gil, F. Multimodal analysis method for the design of passive TE/TM converters in integrated waveguides 3128
Mustillo, P. *see* Dallal, I. 37223
Musumeci, L. *see* Fratta, L. 45288
Musumeci, P. Interference response of adaptive optimal array filters 4599
Musumeci, S. *see* Consoli, A. 1056
Musumeci, S. *see* Galluzzo, A. 1061
Musyoki, S. *see* Kawasaki, S. 44000
Musyoki, S. *see* Sakamoto, K. 20930
Musyoki, S. *see* Sakamoto, K. 43982
Musyura, S.P. *see* Batalov, A.A. 46920
Muszynski, R. *see* Halamski, P. 40515
Muszynski, R. *see* Pilacinski, J. 2497
Muta, I. *see* Mukai, E. 25385
Muta, K. *see* Fay, B. 20692
Muta, K. *see* Ryan, T. 20311
Muta, K. *see* Yagi, K. 3013
Muta, M. *see* Kotoh, K. 6862
Muta, S. *see* Nagamura, T. 11557
Mutagi, R.N. Use emitter coupled logic in your RF applications 45408
Mutchler, G. *see* Bar-Yam, Z. 46864
Muthunayagam, A.E. *see* Nayak, M.M. 23554
Mutka, H. Coupled time and space focusing for time-of-flight inelastic scattering [neutrons] 47004
Muto, A. *see* Yazawa, M. 18158
Muto, C., Kambayashi, N. A realization of real filters using complex resonators 18849
Muto, H., Kitabayashi, H., Nakanishi, K., Wake, S., Nakajima, M. Numerical analysis of tunneling current due to electric field concentration at gate edge of polysilicon/SiO_2/silicon structures 42925
Muto, H. *see* Nakajima, K. 14772
Muto, H. *see* Tomizawa, M. 15571
Muto, H. *see* Uren, M.J. 2517
Muto, M. *see* Iwata, Y. 7312
Muto, N. *see* Minemura, H. 20271
Muto, N. *see* Mori, N. 23647
Muto, S. Fiber dye lasers and sensors using fluorescent dye-doped plastic fibers. [Humidity sensor] 6517
Muto, S., Okada, T., Ito, H. Highly efficient, second harmonic generation in mixture films of p-nitroaniline and methacrylate polymers 44127
Muto, S. *see* Imamura, K. 42866
Muto, S. *see* Matsui, K. 24619
Muto, S. *see* Mori, T. 41888
Muto, S. *see* Sugiyama, Y. 27560
Muto, S. *see* Tackeuchi, A. 35989
Muto, S. *see* Yoshizawa, J. 24820
Mutoh, A., Nitta, S. Analog switches with amplification function and its application to multiplexer 27101
Mutoh, K. *see* Iwabuchi, T. 3304
Mutoh, N., Sakai, K., Ueda, A., Nandoh, K. Magnetic flux compensating torque control method suitable for general purpose inverters with superaudible switching frequencies 40513
Mutoh, N. *see* Nihei, H. 40258
Mutou, K. *see* Naitou, H. 46729
Mutou, M. *see* Hashimoto, Y. 23960
Mutsaers, C.A.H.A., Swart, E.T. Reduction of WF_6 using GeH_4 26475
Mutsaers, P.H.A. *see* de Leeuw, R.W. 15470
Mutsykov, A. *see* Bulyak, E. 7107
Muttiah, F.S., Rajan, P.K. A study on optimal pattern recognition filters implementable on spatial light modulators with annular response regions 45157
Muttik, P.K. A review of existing and potential HVDC and FACTS installations in Australia 47455
Mutz, M. *see* Gunther, O. 32119
Muxiang Zhang *see* Zhang Muxiang
Muylem, H.Van *see* Van Muylem, H.
Muys, P.F., Massart, M., Union, P. Actively cooled ZnSe output coupler for high-power CO_2—lasers 28930
Muys, W., van der Plaats, J.C., Willems, F.W., van Heijningen, P.H. Mutual deterioration of WDM-coupled AM-CATV and digital B-ISDN services in single fiber access networks 5897
Muys, W. *see* van Heijningen, P.H. 30827
Muys, W. *see* Willems, F.W. 14812
Muys, W. *see* Willems, F.W. 38330
Muzeroll, M.E. *see* Moskowitz, W.P. 17595
Muzic, P. *see* Govekar, E. 4458
Muzic, R.F., Jr. *see* Nelson, A.D. 24251
Muzio, J.C. *see* Chao Feng 1246
Muzzin, A. Benefits of feeder simulation in distribution automation applications 7926
Muzzolini, R., Yee-Hong Yang, Pierson, R. Texture characterization using robust statistics 45096
Mwanakatwe, M., Denoyer, E. AEROSATEL: a closed IBS network for aeronautical communications 14526
Mwandosya, M.J. *see* Luhanga, M.L. 8044
Mwangi, E. On the use of acoustic segmentation in isolated word recognition 13039
Mwarania, E.K., Ji Wang, Lane, J., Wilkinson, J.S. Neodymium-doped ion-exchanged waveguide lasers in BK-7 glass 43765
Myachin, V. *see* Chaly, V.P. 43877
Myae, E.A. *see* Asseev, A.A. 15399
Myakinin, V.A. *see* Agrovskii, B.S. 38728
Myakshina, I.G. *see* Kopylov, I.P. 25417
Myasin, E.A. *see* Tseitlin, M.B. 27412
Myasnikov, E.N. *see* Erukhimov, L.M. 44346
Myasnikov, Yu.A. *see* Ananiev, S.M. 15680
Myburg, G. *see* Auret, F.D. 1941
Myburg, G. *see* Goodman, S.A. 34600
Myers, D. *see* Namenson, A. 33441
Myers, D.R., Gravely, B.T., Moody, D.B., Jenstrom, D.T. Robust video object recognition and pose determination using passive target labels 45121
Myers, D.R. *see* Butler, H. 46326
Myers, D.R. *see* Zhou, P. 3392
Myers, D.R. *see* Zolper, J.C. 1906
Myers, D.R. *see* Zolper, J.C. 27615
Myers, E.G., Mendez, A.J., Schmidt, B.G., Kemper, K.W., Kerr, P.L., Reber, E.L. Optically pumped polarized lithium source at FSU 31642
Myers, E.R. *see* Sudhama, C. 10186
Myers, E.R., Tuttle, B.A., Desu, S.B., Larsen, P.K. *(editors)* Ferroelectric Thin Films III Symposium 26053
Myers, G.A. Frequency independent phase tracking system creates a true phase locked loop 26745
Myers, G.A. *see* Birkett, C.L. 24309
Myers, I.T. *see* Hammoud, A.N. 43150
Myers, J.A. *see* Fearn, L.A. 31889
Myers, J.E. *see* Gunning, K. 22598
Myers, J.F. *see* Scheps, R. 12051
Myers, J.F. *see* Scheps, R. 20709
Myers, J.F. *see* Scheps, R. 43776
Myers, J.F. *see* Scheps, R. 43784
Myers, J.M., Tai Tsun Wu Designing a high-power array for a target in the upper atmosphere 24574
Myers, K. *see* Connelly, E. 39791
Myers, L.D. *see* Rogers, S.P. 39264
Myers, R.G. *see* Glaser, J.S. 33866
Myers, R.M. *see* Curran, F.M. 32050
Myers, R.R. *see* Galbraith, J.A. 15696
Myers, S. *see* Arnaudon, L. 15357
Myers, S. *see* Burkhardt, H. 7039
Myers, S. *see* De Maso, J. 39050
Myers, W.E. *see* Owen, R.L. 26112
Myers, W.E. *see* Weaver, T.L. 47456
Mygind, J. *see* Holm, J. 2908
Mygind, J. *see* Kaplunenko, V.K. 20184
Mygind, J. *see* Koshelets, V.P. 10492
Mygind, J. *see* Ovsyannikov, G.A. 20182
Myhrum, M. *see* Holm, S. 38988
Myken, S. *see* Jagd, A. 14183
Myklebust, A. *see* Grieshaber, M. 14236
Mykolaitis, G. *see* Kershulis, S. 43021
Mykolaitis, G. *see* Reklaitis, A. 19065
Mykolajenko, B. *see* Piskoti, C. 19429
Mylaeus, T. *see* Thomas, H.G. 7155
Myler, H.R. *see* Lewis, M.D. 5095
Myler, H.R. *see* Weeks, A.R. 21973
Myler, H.R. *see* Yoo, H.J. 5094
Myles, A., Skellern, D. Comparing four IP based mobile host protocols 14143
Myles, A., Skellern, D. Comparison of mobile host protocols for IP 22362
Myles, C., Powell, J. Meeting engineering requirements in signal integrity simulation 10039
Myles, K.M. *see* Kumar, R. 17321
Myles, K.M. *see* Redey, L. 17253
Myllyla, R. *see* Kaisto, I. 46622
Myllyla, R. *see* Kilpela, A. 6145
Myllyla, R. *see* Maatta, K. 6806
Myllyla, R.A. *see* Marszalec, J.A. 46500
Myl'nikov, M.Yu. *see* Genkin, V.N. 11010
Mylnikov, V., Slusar, A. High resolution liquid crystal light valves 3227
Myl'nikov, V.S. Liquid-crystal space-time light modulators with organic-polymer photoconductors 3220
Mylonas, J., Rimmelspacher, J., Kremer, H., Doring, F. Explosion damage at a Benson boiler in the Irsching power plant of Isar-Amperwerke 39915
Mylrea, K.C. *see* Watt, R.C. 39084
Myltseva, V.A. *see* Beskupchuk, A.M. 38905
Mynbaeva, M.G. *see* Bobrov, A.V. 19367
Mynbaeva, M.G. *see* Kanskaya, L.M. 38486
Mynbaeva, M.G. *see* Zhilyaev, Yu.V. 9554
Myneni, K. *see* Bloemer, M.J. 11647
Myntti, J. Power problems and their solutions 26700
Myohga, O. *see* Ohnishi, O. 25484
Myoi, Y. *see* Nagai, H. 43715
Myoi, Y. *see* Zumoto, N. 29079
Myong Seob Kim, Young June-Park, Hong Shick Min A study on the degradation mechanism due to FN tunneling carriers in MOS device 2558
Myrick, M.L. *see* Cooper, J.B. 31316
Myrick, S. *see* Albright, J. 25320
Myrtue, O. *see* Papavramidis, A. 37801
Myrtveit, T. Modelling of photoresponse in metal-semiconductor junctions 19414
Myrvold, B.O. Design criteria for polyimide alignment layers in surface-stabilized ferroelectric LCDs 15126
Myshkin, I.Yu. *see* Mayorov, V.V. 47082
Myslinski, P., Pan, X., Barnard, C., Chrostowski, J., Sullivan, B.T., Bayon, J.-F. *Q*-switched thulium-doped fiber laser 3571
Mysnik, A.I. *see* Buzulutskov, A.F. 31710
Mysnik, A.I. *see* Kryshkin, V.I. 7194
Mysoor, N. *see* Grant, C.J. 43549
Mysyrowicz, A. *see* Peyghambarian, N. 36
Myszka, E. *see* Lin, C.W. 9274
Myszka, E. *see* Lin, C.W. 33373
Myszka, E.G. *see* Tessier, T.G. 342
Mytilineou, E. *see* Kounavis, P. 34544
Mytsykov, A. *see* Efimov, S. 15384
Mytych, M. *see* Hwang, Y. 3643
Myung Hak Hwang *see* Kyu Chang Park 26487
Myung Hwan Yun, Kotani, K., Ellis, D. Using force sensitive resistors to evaluate hand tool grip design 14974
Myung Joong Youn *see* Gun Woo Moon 8644
Myung Joong Youn *see* Gun Woo Moon 17087
Myung Joong Youn *see* Hyun Chil Choi 9944
Myung Joong Youn *see* Hyun Chil Choi 18460
Myung Joong Youn *see* Jong Sun Ko 17449
Myung Kim Hyung *see* Hyung Myung Kim
Myung Noh-Hoon *see* Noh-Hoon Myung
Myung-Joong Youn *see* Joong-Ho Song 8833
Myung-Joong Youn *see* Joong-Ho Song 16832
Myung-Sun Kim *see* Tai-Kyung Won 11092
Myung-Yung Jeong *see* Oh-Gone Chun 43414
Myunghwan Kim *see* Cheol-Hoon Lee 41572
Myznikov, K.P. *see* Ageev, A.I. 15546
Mzerd, A., Sayah, D., Tedenac, J.C., Boyer, A. Effect of heat treatment on some of the electrical properties of Sb_2Te_3 single crystals grown by the Bridgman method 34549
N., G.Ramos *see* Ramos N., G.
Na, H. *see* McFarland, E.W. 13524
Na, H.R., Hua Lee Resolution degradation parameters of ionospheric tomography 47251
Na, H.R., Lee, H., Shen, J. Tomographic imaging of the ionosphere using bi-directional extrapolation algorithm 36203
Na Chiangmai, S. *see* Pettersson, O.A. 7340
Na Jongwhoa *see* Jongwhoa Na
Na Lee Bo *see* Bo Na Lee
Na Xiao-Feng, Pu Zhao-Bang, Wen Xiu-Mei High precision measuring system of surface roughness 31459
Na-Xin Wang *see* De-Gui Sun 20453
Na-Xin Wang *see* Wang Na-Xin
Naagayama, A. *see* Tamaru, N. 45733
Naamane, A. *see* Elcheik, M.K. 28136
Nabae, A. Power electronics in effective power systems 7739
Nabae, A., Yamaguchi, M. Suppression of flickers in an arc-furnace supply system by an active capacitance—a novel voltage stabilizer in power systems 16162
Nabatame, M. *see* Tsuji, H. 28422
Nabatian, D. *see* Brown, O. 25053
Nabatov, A.O. *see* Artyushenko, V.G. 20317
Nabavi, S.-H. *see* Gurbaxani, S.H. 36281
Nabavi-Lishi, A., Rumin, N. Delay and bus current evaluation in CMOS logic circuits 26862
Nabekawa, Y., Kondo, K., Sarukura, N., Sajiki, K., Watanabe, S. Terawatt KrF/Ti:sapphire hybrid laser system 20678
Nabeta, T. *see* Kutsuna, K. 38736
Nabeta, Y. *see* Saito, Y. 27002
Nabi Qureshi, G. The development of a coordinated protection and control system 16222
Nabielek, H. *see* Fukuda, K. 39836
Nabiev, R. *see* Wu, Y.A. 3670
Nabiev, R. *see* Wu, Y.A. 28815
Nabiev, R.F., Francis, D., Chang-Hasnain, C.J. Lateral and longitudinal mode discrimination in index-guided circular ring semiconductor lasers 20936
Nabiev, R.F., Onishchenko, A.I. Analysis of resonance optical waveguides by the Bloch function method 44530
Nabiev, R.F., Yeh, P., Botez, D. Spatial gap solitons in periodic nonlinear structures 3778

Nabiev, R.F., Yi, X., Yeh, P., Botez, D. Self stabilization of fundamental in-phase mode in resonant antiguided laser arrays 20822
Nabiev, R.F. *see* Botez, D. 11643
Nabulsi, K.A. *see* Wait, J.R. 36095
Nacash, R. *see* Ambrosini, G. 38898
Naccache, D. Can O.S.S. be repaired? Proposal for a new practical signature scheme 29493
Nacer, F.M. *see* Mace, M. 32398
Nachem, J. *see* Chai, D.T. 6245
Nachman, M. *see* Le Blanc, M. 21295
Nachtergaele, G. *see* De Baets, J. 27768
Nachtwei, G., Breitlow, C., Seyfarth, J., Heide, S., Blick, L., Ahlers, F.-J., Svoboda, P., Cukr, M. Transition from non-local to local electron conduction at GaAs/GaAlAs heterojunctions 19391
Naciri, J. *see* Ruth, J. 3211
Nacke, B. Improved operating behaviour and efficiencies for channel induction furnaces 8988
Nacke, B., Andree, W., Mohring, J.-U., Lessmann, H.-J. Inductive quadrature-field heating: a flexible and efficient method of heating flat metal rolling-mill product 17621
Nackler, K. The Koralpe power station as boundary power station. Cooperation with Yugoslavia, currently Slovenia 40048
Nackler, K. *see* Kirchner, G. 40051
Nackman, L.R. *see* Giles, M.D. 28245
Naclerio, N.J. *see* Carpenter, J.A. 9310
Nadahara, S., Tsunoda, H., Shiozaki, M., Watanabe, M., Yamabe, K. Low temperature phosphorus diffusion gettering of iron in silicon 2009
Nadalini, D. Resin-insulated transformers in hazardous situations 16927
Nadar, M.S. *see* Sementilli, P.J. 13575
Nadar, M.S. *see* Sementilli, P.J. 29853
Nadarajan, R. *see* Arulmozhi, G. 41048
Nadas, A.J. *see* Bellegarda, J.R. 13116
Nadeau, E. *see* Lau, J.H.K. 32624
Nadeau-Dostie, B., Burek, D., Hassan, A.S.M. ScanBist—a multi-frequency scan-based BIST method 1184
Nadeborn, W. *see* Osten, W. 31432
Nadella, R.K., Vellanki, J., Rao, M.V. High-energy elevated temperature Si and room temperature B implants in InP 2048
Nadella, R.K. *see* Martin, J.M. 2019
Naden, J.M. *see* Avis, S.E. 47280
Nader, A.E. *see* Kotzias, B.D. 309
Nader, G., Tagliaferri, A.A., dos Santos, P.A.M. Experimental evidence of the non-exponential sinusoidal phase grating decay in a BSO-type crystal 44169
Naderi, M., Markarian, G.S., Honary, B., O'Reilly, J.J., Popplewell, A. Trellis decoding of RLL codes with error protection 4415
Nadezhdin, I.P. Designing low-voltage composite control devices in a complex automated design system 17139
Nadezhdin, Y.L. *see* Vakulenko, I.A. 18340
Nadgorny, B. *see* Gurvitch, M. 35270
Nadig, D. *see* Iyengar, S.S. 38482
Nadig, D.V., Hard, N.J. A proposed model for managing local area networks and measuring their effectiveness 30489
Nadir, A. *see* Clairon, A. 6300
Nadjii, A. *see* Level, M.-P. 15290
Nadkarni, D.M. *see* Samant, M.S. 7157
Nadler, C. *see* Risk, W.P. 3832
Nadobny, J. *see* Wust, P. 24339
Nador, L., Kromer, I., Voo, L. Expected creep of the steel-aluminium transmission conductors in operation 7974
Nadvornik, B. The testing of locomotives with regard to track circuit interference 4165
Nae-In Lee, Young-Wug Kim, Sung Tae Ahn Effect of the silicidation reaction condition on the gate oxide integrity in Ti-polycide gate 42773
Naegele, F. *see* Jung, F. 33549
Naegeli, S. Manual soldering: is your station 'up to the task'? 19235
Naehring, F.K. *see* Hesse, E. 28007
Naemura, M., Kanatsugu, Y., Murakami, K., Ikenaga, T., Namba, S., Seo, K., Ujihara, S., Muramatsu, S., Totsuka, Y., Ohzeki, K. Consideration on specifications for program exchange in HDTV still picture disk system 6255
Naemura, M. *see* Gohshi, S. 30150
Nafalski, A. Analysis of power transfer in magnetic frequency multiplying system with very small input current distortion 42100
Nafalski, A. *see* Lawrance, W.B. 40825
Nafie, M., Marvasti, F. Implementation of recovery of speech with missing samples on a DSP chip 29522
Nafie, M. *see* Marvasti, F. 4421
Nafie, M. *see* Marvasti, F. 21461
Nafikov, D.Ya. *see* Buinitskii, B.A. 8092
Nafis, S., Ianno, N.J., Snyder, P.G., McGahan, W.A., Johs, B., Woollam, J.A. Electron cyclotron resonance etching of semiconductor structures studied by in-situ spectroscopic ellipsometry 10896
Nafria, M., Sune, J., Aymerich, X. Limitations of oxide breakdown accelerated testing for reliability simulation 1956
Nag, B. *see* Goswami, B. 15869
Nag, B. *see* Kundu, M. 31960
Nag, B. *see* Mitra, M. 27085
Nag, B.R., Saha, P.K., Ghosh, G., Biswas, S.K. Cavity stabilized Gunn oscillator at 35 GHz 42192
Nag, S.K. *see* Mitra, S. 26608
Naga, N. *see* Haseyama, M. 29728
Nagabhushanam, M. *see* Veerender, C. 34517
Nagabuchi, H., Takahashi, A. Method for selecting test signals for quality evaluation of coded music signals 14843
Nagabuchi, H. *see* Asanuma, N. 29564
Nagae, H. *see* Kato, T. 43254
Nagae, T. *see* Hasegawa, T. 46862
Nagae, Y. *see* Takabatake, M. 11203
Nagaenko, M. *see* Efimov, S. 15384
Nagaenko, M.G. *see* Ananiev, S.M. 15680
Nagahama, S. *see* Nakamura, S. 10695
Nagahama, T. *see* Kamase, Y. 4009
Nagahara, M., Miyoshi, S., Yaguchi, H., Onabe, K., Shiraki, Y., Ito, R. Selective growth of cubic GaN in small areas on patterned GaAs(100) substrates by metalorganic vapor phase epitaxy 41314
Nagahara, T. *see* Kono, N. 18270
Nagahara, T. *see* Tsubata, T. 20206
Nagahashi, H. *see* Agui, T. 13751
Nagahashi, H. *see* Hongu, T. 30087
Nagahashi, H. *see* Nagao, T. 29936
Nagai, A. *see* Hirakawa, Y. 35978
Nagai, A. *see* Sagayama, S. 14081
Nagai, A. *see* Takami, J. 13036
Nagai, H. Progress of excimer laser development in the AMMTRA project 20624
Nagai, H., Hishii, M., Tanaka, M., Myoi, Y., Wakata, H., Yagi, T., Tabata, N. CW 20-kW SAGE CO_2 laser for industrial use 43715
Nagai, H., Kume, M., Yoshikawa, A., Itoh, K. Low-noise operation (−140 dB/Hz) in close-coupled Nd:YVO_4 second-harmonic lasers pumped by single-mode laser diodes 20694
Nagai, H. *see* Amano, T. 9613
Nagai, H. *see* Kondo, S. 686
Nagai, H. *see* Sato, Y. 28728
Nagai, K., Adachi, T., Ueno, H., Iguchi, N., Hayakawa, H., Hayashita, H., Nagase, K., Ueno, S. LSIs/ICs for DCC 38362
Nagai, K. *see* Harada, T. 38042
Nagai, K. *see* Kido, J. 11827
Nagai, K. *see* Kido, J. 35569
Nagai, K. *see* Kido, J. 35587
Nagai, K. *see* Okuno, A. 383
Nagai, K. *see* Umi, G. 34093
Nagai, M. *see* Hayakawa, T. 3628
Nagai, N. *see* Haseyama, M. 13424
Nagai, N. *see* Hayakawa, T. 12239
Nagai, N. *see* Ohtani, N. 34875
Nagai, N. *see* Sanada, H. 19728
Nagai, N. *see* Sanada, H. 42466
Nagai, N. *see* Takahashi, A. 21748
Nagai, R. *see* Kitsukawa, G. 26921
Nagai, R. *see* Kitsukawa, G. 26953
Nagai, R. *see* Tanabe, T. 7062
Nagai, R. *see* Tomizawa, M. 15571
Nagai, S., Nagura, H., Nakaoka, M., Hanada, I. Efficient high-frequency load-resonance inverter with phase-shifted PWM and load-adaptive PFM tuned control strategy for induction-heated tube welding 48476
Nagai, S. *see* Hamada, S. 32919
Nagai, T. *see* Kaneta, M. 22159
Nagai, T. *see* Nakashima, K. 23825
Nagai, Y., Hebert, D.F., Van Duzer, T., Michikami, O. Properties of superconductive bandpass filters with thermal switches 1399
Nagai, Y., Hebert, D.F., Van Duzer, T., Suzuki, N., Michikami, O. Properties of disk resonators and end-coupled disk filters with superconducting films 20231
Nagai, Y. *see* Kobayashi, S. 2702
Nagai, Y. *see* Takeuchi, T. 16011
Nagaike, M. *see* Ichiyanagi, T. 31068
Nagaishi, T. *see* Tanaka, S. 31154
Nagaitsev, S. *see* Anderson, D.R. 7064
Nagaitsev, S. *see* Caussyn, D.D. 38778
Nagaitsev, S. *see* Ellison, M. 38779
Nagaitsev, S. *see* Huang, H. 23976
Nagaitsev, S. *see* Lee, S.Y. 7040
Nagaitsev, S. *see* Li, D. 6973
Nagaki, Y., Mitsui, H., Sone, M. Water mist formation in vapor-mist dielectrics and its effect 11337
Nagaki, Y., Sone, M., Mitsui, H. Effect of water mist formation in vapor-mist dielectrics on partial discharge 43149
Nagakwa, H. *see* Cristiano, R. 24132
Nagalakshmi, R., Balasubramanian, V., Pandey, S.K. Emission control and seed recovery in Indian MHD system 25349
Nagamachi, M. *see* Terauchi, M. 13723
Nagamachi, M. *see* Tsuji, T. 15870
Nagamani, H.N. Evaluation of polymeric insulating materials for application in HVDC cables 16377
Nagamani, H.N., Ganga, S. The influence of combined stress ageing on different properties of PP film 17150
Nagamatsu, A. *see* Kajiwara, I. 31077
Nagamatsu, K., Tsunehiro, Y. Active filter for power distribution systems using current source PWM inverter 16299
Nagamine, T. *see* Abe, K. 7260
Nagamine, T. *see* Abe, K. 15619
Nagamine, T. *see* Abe, K. 46930
Nagamiya, S. PHENIX experiment at RHIC 31801
Nagamiya, S. *see* O'Brien, E. 31743
Nagamori, S. *see* Fukuda, T. 20072
Nagamoto, H. *see* Yamada, H. 17269
Nagamune, A., Ishino, K., Kabeya, K., Hotta, T. Development of active silencer for gas engine exhaust noise in cogeneration system 25214
Nagamune, Y. *see* Arakawa, T. 9750
Nagamune, Y. *see* Kono, T. 42414
Nagamune, Y. *see* Koshiba, S. 18209
Nagamura, H. *see* Hirayama, K. 32513
Nagamura, T., Nakamura, N., Ibuki, K., Nakayama, T., Hamanoue, K. Implementation of a dual linear image sensor for measurements of transient absorption spectra in the picosecond time regime 6581
Nagamura, T., Sakaguchi, H., Muta, S., Ito, T. Ultrafast photon-mode recording by novel photochromic polymer via photoinduced electron transfer 11557
Naganathan, N.G. *see* Thirupathi, S.R. 20079
Naganawa, K. *see* Yamashita, A. 35045
Naganawa, T. *see* Inanami, R. 18264
Nagano, H. *see* Yamashita, K. 27941
Nagano, I., Rosen, P.A., Yagitani, S., Hata, M., Miyamura, K., Kimura, I. Full wave analysis of the Australian Omega signal observed by the Akebono satellite 29699
Nagano, I. *see* Kimura, I. 47250
Nagano, I. *see* Yagitani, S. 44340
Nagano, K. *see* Sinyak, Y. 39704
Nagano, K. *see* Yamashita, T. 23903
Nagano, N., Suzaki, T., Soda, M., Kasahara, K., Takeuchi, T., Honjo, K. Monolithic ultra-broadband transimpedance amplifiers using AlGaAs/GaAs heterojunction bipolar transistors 34273
Nagano, O. *see* Fujimoto, R. 25964
Nagano, S. *see* Gisin, N. 43462
Nagano, S. *see* Hara, T. 10988
Nagano, T., Ueda, E., Onayama, S., Katayama, R., Hamada, H., Ono, Y. Thin optical head with flip-chip bonded module for compact disc read only memory drives 20261
Nagano, Y., Naitou, K., Maki, K., Mori, M. Pixel processor LSI 34094
Naganuma, K. Dispersion measurement technique—application to semiconductor laser cavities 3720
Naganuma, K. Semiconductor laser cavity dispersion measurement based on interferometric crosscorrelation of amplified spontaneous emission 20883
Naganuma, K., Sakai, Y. Interferometric measurement of wavelength dispersion on femtosecond laser cavities 44027
Naganuma, M., Mitomi, O., Wakita, K., Kaino, T., Sato, K. High-speed optoelectronic devices for optical soliton transmission system 30734
Naganuma, M. *see* Kasaya, K. 11893
Naganuma, R. *see* Nihei, H. 40258
Nagao, F. *see* Fuma, M. 14853
Nagao, H. *see* Shimizu, Y. 12634
Nagao, K., Sohma, M., Kawakami, K., Ando, S. Detecting contours in image sequences 22160
Nagao, K. *see* Shirahama, M. 18198
Nagao, M., Konba, I., Tsurimoto, T., Mizuno, Y., Kosaki, M. Effect of acetophenone on carrier injection into polyethylene 35169
Nagao, M., Mizuno, Y., Takano, Y., Kosaki, M. Intrinsic AC breakdown of low-density polyethylene film in high temperature region 43144
Nagao, M., Shinojima, Y., Okiga, H., Kawahashi, A. Bus driver IC for use in vehicle multiplexing communications 25919
Nagao, M. *see* Ishida, T. 6772
Nagao, M. *see* Kawahashi, A. 33133
Nagao, M. *see* Nakamura, Y. 4883
Nagao, M. *see* Nakamura, Y. 22032
Nagao, T., Agui, T., Nagahashi, H. Extraction of two-dimensional arbitrary shapes using a genetic algorithm 29936
Nagao, T. *see* Agui, T. 13751
Nagao, T. *see* Shouji, H. 8089
Nagao, Y. *see* Nishimura, K. 18225
Nagaoka, A. *see* Nakanishi, Y. 24953
Nagaoka, M. Current status and future prospects of end user computing environment 30462
Nagaoka, M., Ishida, K., Matsunaga, T., Nishihori, K., Hashimoto, T., Yoshimura, M., Tanabe, Y., Mihara, M., Kitaura, Y., Uchitomi, N. Refractory WN_x/W self-aligned gate GaAs power metal-semiconductor field-effect transistor for 1.9-GHz digital mobile communication system operating with a single low-voltage supply 42194
Nagaoka, M. *see* Katoh, K. 30463
Nagaoka, N., Kishimoto, N., Tajima, K. A calculation method of cable sheath surges considering cleats 16336
Nagaoka, N. *see* Masakawa, T. 39681
Nagaoka, R. *see* Tanaka, H. 347
Nagaoka, R. *see* Tanaka, H. 14582

Nagaoka, S. On the relationship between the required navigation performance and the parallel route spacing 38187
Nagaoka, Y. *see* Iwabuchi, S. 2440
Nagar, R. *see* Abraham, D. 3479
Nagar, R. *see* Abraham, D. 12133
Nagaraj, K. Efficient circuit configurations for algorithmic analog to digital converters 34130
Nagaraj, S. *see* Tylavsky, D.J. 24668
Nagarajah, C.R. *see* Jolic, K. 31464
Nagarajan, R., Bowers, J.E. Effects of carrier transport on injection efficiency and wavelength chirping in quantum-well lasers 12114
Nagarajan, R., Levy, S., Bowers, J.E. Millimeter wave narrowband optical fiber links using external cavity semiconductor lasers 38069
Nagarajan, R., Mirin, R.P., Reynolds, T.E., Bowers, J.E. Experimental evidence for hole transport limited intensity modulation response in quantum well lasers 3607
Nagarajan, R. *see* Karin, J.R. 29001
Nagarajan, R. *see* Levy, S. 23053
Nagarajan, R. *see* Tauber, D.A. 43857
Nagarajan, S., Thiagarajan, L. Standardization and quality assurance techniques for the structural design and manufacture of retrofit size MHD components 25302
Nagarajan, T. *see* Sampathkumar, T.S. 11520
Nagasaka, A. *see* Ueda, H. 14832
Nagasaka, H. *see* Elford, R.F. 24987
Nagasaka, Y., Iwata, A. Data compression of long time ECG recording using BP and PCA neural networks 31931
Nagasaki, H. *see* Toraichi, K. 15701
Nagasaki, K. *see* Suda, A. 20996
Nagasawa, H., Murashima, O. Development of high-speed section insulator for contact line 17555
Nagasawa, H. *see* Mameno, K. 19527
Nagasawa, K., Sakurai, Y. Tunable glass laser in UV and visible range by Auger free luminescence 28754
Nagasawa, K. *see* Kanki, T. 28370
Nagasawa, K. *see* Xin, J. 4603
Nagasawa, M., Yokoyama, E. Precision motor control system for VCR using disturbance observer 23335
Nagasawa, M., Yokoyama, E. Precision motor control system for VTR using disturbance and velocity observer 40265
Nagasawa, M. *see* Mori, K. 6252
Nagasawa, M. *see* Mori, K. 23337
Nagasawa, M. *see* Yokoyama, E. 23339
Nagasawa, N. *see* Okabe, T. 14828
Nagasawa, S., Tahara, S., Numata, H., Tsuchida, S. Miniaturized vortex transitional Josephson memory cell by a vertically integrated device structure 41901
Nagasawa, S., Tanifuji, T., Matsumoto, M., Kawase, M. Single-mode multifiber connectors for future large scale subscriber networks 30847
Nagasawa, S. *see* Tahara, S. 26929
Nagasawa, S. *see* Tomita, S. 5994
Nagasawa, T. *see* Hayashi, S. 24639
Nagasawa, T. *see* Hayashi, S. 24646
Nagasawa, T. *see* Ishizaka, K. 38354
Nagasawa, Y. *see* Tanada, Y. 4452
Nagasawa, Y. *see* Tsuru, T. 48484
Nagase, F. *see* Terada, Y. 23278
Nagase, K. *see* Nagai, K. 38362
Nagase, M. *see* Akazawa, H. 26500
Nagase, R., Himeno, A., Kato, K., Okuno, M. Silica-based 8×8 optical-matrix switch module with hybrid integrated driving circuits 30574
Nagase, R. *see* Himeno, A. 45728
Nagase, R. *see* Kanayama, K. 2956
Nagashima, H. *see* Hiyama, T. 24775
Nagashima, K. *see* Ebihara, D. 21187
Nagashima, K. *see* Taguchi, A. 29794
Nagashima, M. *see* Jinguji, M. 14299
Nagashima, M. *see* Takamura, T. 17245
Nagashima, M. *see* Yamashita, T. 23903
Nagashima, S. *see* Noguchi, T. 46875
Nagashima, S. *see* Shimizu, T. 19167
Nagashima, T. *see* Hatashita, H. 5807
Nagashima, Y., Suzuki, G. Human image tracking technique applied to remote collaborative environments 31064
Nagashima, Y., Yoshida, H., Masuda, J., Arioka, R. Single-unit underground radar utilizing zero-crossed synthetic aperture 23149
Nagashima, Y. *see* Fukunaga, C. 46852
Nagashima, Y. *see* Kruger, A. 38860
Nagashima, Y. *see* Kudo, K. 20780
Nagashima, Y. *see* Tetsutani, N. 31004
Nagashima, Y. *see* Yuasa, T. 3167
Nagashima, Y. *see* Yuasa, T. 11775
Nagashino, H., Imai, T., Kinouchi, Y., Sugio, N., Tanaka, S. Detection of IC pin deformation by artificial neural networks 897
Nagata, H., Kiuchi, K., Sugamata, T. Refractive index fluctuations in deformed Ti:$LiNbO_3$ waveguides due to SiO_2 overlayer deposition 3083
Nagata, H., Ohtani, M., Murakami, K., Oshino, T., Oizumi, H., Maejima, Y., Watanabe, T., Taguchi, T., Yamashita, Y., Atoda, N. Fabrication of 0.1 μm line-and-space patterns using soft X-ray reduction lithography 27885
Nagata, H. *see* Kawai, A. 27886
Nagata, H. *see* Kawai, A. 27887
Nagata, H. *see* Oizumi, H. 27855
Nagata, H. *see* Sagawa, M. 43322
Nagata, H. *see* Shibano, T. 2115
Nagata, H. *see* Takahashi, H. 33729
Nagata, H. *see* Yamaguchi, A. 27972
Nagata, K., Yoshida, A., Miyamoto, Y. Photoconductivity of trigonal selenium under high pressure 3307
Nagata, K. *see* Ito, H. 2474
Nagata, K. *see* Iwata, Y. 7312
Nagata, K. *see* Takahashi, M. 42449
Nagata, M., Itoh, Y., Iwahara, H. Dependence of observed overvoltages on the positioning of the reference electrode on the solid electrolyte 48109
Nagata, M. *see* Mangelsdorf, C. 26155
Nagata, M. *see* Nakajima, T. 17379
Nagata, M. *see* Oguchi, K. 14842
Nagata, M. *see* Shimomura, N. 38640
Nagata, M. *see* Tomita, Y. 46515
Nagata, N. *see* Ogihara, T. 18324
Nagata, N. *see* Ogihara, T. 48058
Nagata, N. *see* Sugimoto, H. 40101
Nagata, R. *see* Yeh, S.D. 16616
Nagata, S., Ueda, T., Noma, A., Koizumi, H., Kanazawa, K., Ishida, H., Ueda, T., Tanaka, T., Ueda, D., Kazumura, M., Kano, G., De Araujo, C.P. A GaAs MMIC chip-set for mobile communications using on-chip ferroelectric capacitors 34271
Nagata, S. *see* Saito, T. 27798
Nagata, S. *see* Sugitani, K. 1280
Nagata, T., Sasaki, H., Kitagawa, M. A method of determining target configurations for power system restoration by means of linear programming 16167
Nagata, T., Shimizu, H., Watanabe, M. Optical imaging characteristics of direct-contact type linear-image sensor 46488
Nagata, T., Shimizu, N. Deterioration in aged XLPE cables 47511
Nagata, T., Tanaka, T., Miyake, K., Kurotaki, H., Yokoyama, S., Koyanagi, M. Micron-size optical waveguide for optoelectronic integrated circuit 43680
Nagata, T. *see* Hong-Bin Zha 13713
Nagata, T. *see* Nakata, H. 33076
Nagata, T. *see* Ohashi, Y. 39611
Nagata, T. *see* Shigehiro, Y. 34014
Nagata, Y. *see* Iwata, Y. 7312
Nagatake, T. *see* Tosaka, H. 9754
Nagatomo, M. *see* Kuroda, Y. 32012
Nagatomo, T. *see* Yamanashi, A. 19823
Nagatomo, Y. *see* Kuwano, N. 26444
Nagatsuka, M., Shimizu, Y. Pupil size and EEG affected by visual stimuli 31821
Nagatsuma, T. *see* Shinagawa, M. 11263
Nagatuka, A. *see* Kawakami, T. 23842
Nagaya, K., Atsumi, M., Endoh, M. Simplified vibration isolation control using disturbance cancellation and velocity feedback controls for a magnetic levitation table 4013
Nagaya, K., Oshiro, H., Ito, H., Yoshino, N. Demonstration test of reformed methanol gas-turbine power generation 8205
Nagayama, A., Hosokawa, S., Hirono, T. New automated main distributing frame system using a precision pin-handling robot 22478
Nagayama, K. *see* Fijita, I. 11592
Nagayama, M. *see* Sawai, K. 40403
Nagayama, T. *see* Miyoshi, K. 14159
Nagayama, T. *see* Tomo, Y. 27947
Nagayasu, H. *see* Kawano, H. 15608
Nagayoshi, R. *see* Itakura, K. 38565
Nagchaudhuri, A. Determination of three dimensional attitude of a cylinder from a single image 36872
Nagel, A. *see* Esser, A. 16916
Nagel, D.C. Platforms for multimedia: the impact on consumer electronics 30944
Nagel, G., Blauel, J.G., Schmitt, W. A multibarrier safety concept for the reactor pressure vessel of the Stade nuclear power plant 25176
Nagel, G. *see* Danilewsky, A.N. 33585
Nagel, H. Procedure for optimising operational apparatus in electricity distribution networks 47497
Nagel, H.G.J. *see* Oscar van Deventer, M. 38102
Nagel, J. *see* Delavaux, J.-M.P. 35764
Nagel, J.A. *see* Bahsoun, S.M. 3519
Nagel, J.A. *see* Fishman, D.A. 45938
Nagel, J.H., Cideciyan, A.V. Digital analysis of high resolution fundus images 31857
Nagel, M. Swiss telecommunications industry 1992 22397
Nagel, M. *see* Jantze, M. 32650
Nagel, U., Nowak, A., Kellner, E., Gebauer, H.-J., Colling, P., Cooper, S., Dummer, D., Ferger, P., Frank, M., Freund, P., Forster, G., Igalson, J., Nucciotti, A., Probst, F., Rulofs, A., Seidel, W., Stodolsky, L. Use of proximity effect in iridium-gold superconducting phase transition thermometers 24049
Nagel, U. *see* Colling, P. 20190
Nagel, U. *see* Ferger, P. 38850
Nagel, U. *see* Frank, M. 24026
Nagels, P. *see* Sleeckx, E. 9763
Nagendra, C.L. *see* Umadevi, P. 10591
Nagendraprasad, M.V., Wang, P.S.P., Gupta, A. Algorithms for thinning and rethickening binary digital patterns 13539
Nagesha, V. *see* Kay, S.M. 36757
Nageshwar Rao, B. *see* Mallikarjunappa, K. 16794
Naghdy, F. *see* Shi, H. 22101
Naghed, M. *see* Abdo-Tuko, M. 19114
Naghshineh, M. *see* Palmer, C.C. 14226
Nagi, F. *see* Wykes, C. 47301
Nagi, N., Chatterjee, A., Abraham, J.A. Fault simulation of linear analog circuits 10362
Nagi, N., Chatterjee, A., Abraham, J.A. Fault simulation of linear analog circuits 10363
Nagis, S., Ianno, N.J., Snyder, P.G., Woollam, J.A., Johs, B. In situ studies of electron cyclotron resonance plasma etching of semiconductors by spectroscopic ellipsometry 10961
Nagl, M. *see* Balewski, K. 46775
Nagl, M.M., Chin, Y.S., Evans, W.T. Analysis of the acoustic emission generated by the failure of oxide scales and brittle lacquer layers 18379
Nagle, G. *see* Lala, J.H. 17563
Nagle, J. *see* Ashkenazi, V. 46144
Nagle, J. *see* Bouregba, R. 34258
Nagle, J. *see* Fiore, A. 31212
Nagle, J. *see* O'Brien, E. 31743
Nagle, J. *see* Rosencher, E. 23574
Nagle, J. *see* van Dierendonck, A.J. 23244
Nagle, J.P. *see* Jordan, D. 48126
Nagli, I. *see* Bunimovich, D. 38731
Nagoshi, M. *see* Ikeda, S. 6273
Nagoya, A. *see* Nakamura, Y. 18432
Nagpurkar, V.B. *see* Kulkarni, A.D. 5067
Nagrial, M.H. Synthesis of DC brushless motors with slotless windings for optimum performance 40251
Naguib, A.F., Paulraj, A. Performance of CDMA cellular networks with base-station antenna arrays 45833
Naguib, H. A roadmap for the implementation of total productive maintenance (TPM) in semiconductor manufacturing operations 9187
Naguib, R.N.G. *see* Ngolediage, J.E. 42123
Nagura, H. *see* Nagai, S. 48476
Nagura, N., Yoshida, K. Process development for fabricating low- and high-voltage CMOS devices into LCD drivers 28262
Nagura, Y., Onuma, Y., Kamimura, K. Polycrystalline SiC thin films by plasma chemical vapor deposition of TMS 11123
Nagurney, A. *see* Nagurney, L.S. 18458
Nagurney, L.S., Nagurney, A. Simulation of dynamic adjustment processes for network equilibrium problems using electronic circuit analysis software 18458
Nagy, A., Hundhausen, M., Ley, L., Brunst, G., Holzenkampfer, E. Field enhanced conductivity in a-Si:H thin film transistors 42436
Nagy, A. *see* Trujillo, H. 14943
Nagy, B., Bojtor, L., Rakovszky, G. Microcomputer controlled excitation system for synchronous generators 16803
Nagy, B. *see* Bojtor, L. 16489
Nagy, I. Control of bidirectional power conversion 17005
Nagy, J.G. Fast inverse *QR* factorization for Toeplitz matrices 593
Nagy, L. Calculation of the mutual impedance of loop antennas placed in the near field of each other 4260
Nagy, L. Analysis of rotationally symmetric broad-band monopoles over circular ground plane 29333
Nagy, L. Teaching program for microwave antenna theory 29334
Nagy, W.J. *see* Yu, C.H.D. 19851
Nahamoo, D. *see* Bahl, L.R. 4482
Nahamoo, D. *see* Bellegarda, J.R. 13116
Nahamoo, D. *see* Rtischev, D. 36614
Nahar, R.K. The yield models and defect density monitors for integrated circuit diagnosis 2622
Nahata, A. *see* Beeson, K.W. 43541
Nahhas-Mohandes, M. *see* Gelfand, S.B. 545
Nahl, D. Communication dynamics of a live, interactive television system for distance education 31051
Nahm, S. *see* Park, H.H. 34740
Nahm Sahn *see* Sahn Nahm
Nahman, J., Bekut, D. Probabilistic interrupting current rating of transmission line circuit breakers 40352
Nahman, J.M. Approximate steady-state solutions for Markov systems based upon the transition-rate matrix deviation concept 16397
Nahman, J.M. Enumeration of minimal paths of modified networks 33802
Nahman, N.S. *see* He, J. 4202
Nahum, M., Martinis, J.M. Ultrasensitive-hot-electron microbolometer 15011
Nahum, M., Martinis, J.M., Castles, S. Hot-electron microcalorimeters for X-ray and phonon detection 24006
Nahum, M. *see* Martinis, J.M. 28222
Nai Choon Ho *see* Ho Nai Choon
Nai Ying Xu *see* Xu Nai Ying
Nai-Ben Ming *see* Yong-Yuan Zhu 43183
Nai-Chi Lee A hierarchical analog test bus framework for testing mixed-signal integrated circuits and printed circuit boards 10350

Nai-Chi Lee A hierarchical analog test bus framework for testing mixed-signal integrated circuits and printed circuit boards 10351
Nai-Chyuan Yen Wave packet decomposition 36713
Nai-Liang Zhao *see* Zhao Nai-Liang
Nai-Quan Liu *see* Liu Nai-Quan
Nai-Que Wang *see* Fu-Ming Juang 29024
Naidenko, V.I., Dudko, A.G. Calculation of an H-plane waveguide tee with rounded sharp edges and a conductive ridge 44516
Naidu, B.S. *see* Aparna, Y. 17405
Naidu, K.B. *see* Ratish Kumar, B.V. 9486
Naidu, K.Siddappa *see* Siddappa Naidu, K.
Naidu, M.S. *see* Punekar, G.S. 11353
Naidu, M.S. *see* Ravi, K.N. 39631
Naidu, M.S. *see* Venkatesh, S.K. 11354
Naifeng Mao *see* Fuhua Wang 46749
Naihong Mao *see* Mao Naihong
Naik, A.A., Sehgal, B.K., Mohan, S., Dayal, S., Gulati, R., Chandra, I. Selective-area ion implantation using positive photoresist mask for GaAs digital integrated circuits 19511
Naik, G.M. *see* Uchil, S. 23685
Naik, K.R. *see* Wong, E.M.C. 14897
Naik, R. *see* Demczyk, B.G. 34813
Naik, R.N. *see* Khairnar, R.S. 27424
Naik, S.D., Sundarkar, M.S. Operational experience in dynamic testing of important electrical protections of modern 210 MW turbo-generator 25392
Naik-Nimbalkar, U.V., Rajarshi, M.B. Towards semi-parametric image-processing 45127
Nail, G. *see* Pettigrew, R.D. 32515
Nailen, R.L. Energy efficient motors—myths vs. reality 8359
Naim, A., Kam, M. On-line estimation of probabilities for distributed Bayesian detection 44953
Naim Ben Hamida, Kaminska, B. Multiple fault analog circuit testing by sensitivity analysis 9232
Naiman, A.C., Makous, W. Information transmission for sub-pixel edge positioning 29995
Naiman, M. *see* Tate, J.P. 18972
Naimimohasses, R. *see* Smith, P.R. 16020
Naining Wang *see* Wang Naining
Nair, I. *see* Kundu, S. 1154
Nair, K.G. *see* Dey, S. 29324
Nair, K.G. *see* Dey, S. 36369
Nair, M.T.S., Nair, P.K., Pathirana, H.M.K.K., Zingaro, R.A., Meyers, E.A. CdSe thin films: chemical deposition using N,N-dimethylselenourea and ion exchange reactions to modify electrical conductivity 9674
Nair, M.T.S. *see* Estrada, C.A. 41395
Nair, M.T.S. *see* Fernandez, A.M. 34546
Nair, N.C. *see* Desai, B.T. 8485
Nair, P., Joshi, M., Sivaram, B.M., Raina, J.P. EDFA characteristics pumped both simultaneously and sequentially at different pump wavelengths and pump powers 3517
Nair, P.K. *see* Estrada, C.A. 41395
Nair, P.K. *see* Fernandez, A.M. 34546
Nair, P.K. *see* Nair, M.T.S. 9674
Nair, P.K. *see* Sebastian, P.J. 34557
Nair, R. Inductor generators for alternative energy schemes 8391
Nair, R. *see* Sidhu, D. 30250
Nair, S.K. *see* Dabiran, A.M. 33613
Nair, V.S.S. *see* Thornton, M.A. 34033
Naisbitt, G.K. Conformal coating adhesion ... to stick or not to stick? 10563
Naishadham, K., Berry, J.B., Hejase, H.A.N. Full-wave analysis of radiated emission from arbitrarily shaped printed circuit traces 12630
Naishadham, K., Hui-Wen Yao An efficient computation of transient scattering by a perfectly conducting cylinder 36133
Naito, C. *see* Robinson, D.L. 9282
Naito, F., Toyoda, J., Jousho, M., Sato, T. Dual-time-scale simulation of electric power systems with superconducting magnetic energy storage 24788
Naito, H. *see* Imafuji, O. 12180
Naito, H. *see* Jin, Y. 17951
Naito, H. *see* Ohmori, S. 37949
Naito, K., Matsunami, T., Okuno, K., Matsuoka, M., Iwakura, C. Factors affecting the characteristics of the negative electrodes for nickel-hydrogen batteries 8739
Naito, K., Ohmi, M., Ishikawa, K., Akatsuka, M., Yamanaka, M., Nakatsuka, M., Nakai, S., Sato, T. Demonstration of high energy extraction efficiency in a laser-diode pumped high gain Nd:YAG regenerative amplifier 35735
Naito, K., Sugiyama, T., Morozumi, S. Development of reliability analysis system of transmission network under primary substations 16146
Naito, K., Yokotani, A., Sasaki, T., Okuyama, T., Yamanaka, M., Nakatsuka, M., Nakai, S., Fukuda, T., Timoshechkin, M.I. Efficient laser-diode-pumped neodymium-doped calcium-niobium-gallium-garnet laser 35706
Naito, K. *see* Ramos N., G. 32452
Naito, K. *see* Verma, S.C. 24789
Naito, K. *see* Yamamura, K. 19123
Naito, M. *see* Yamaha, T. 34852
Naito, N. *see* Shirai, S. 5674
Naito, N. *see* Takano, A. 41419
Naito, S. *see* Kato, A. 17286
Naito, S. *see* Yamamura, H. 48322
Naito, Y., Mizumoto, T., Takahashi, M., Wakita, Y. Widening the bandwidth of ferrite electromagnetic wave absorbers by attaching rubber ferrite: application to dielectric/sintered ferrite double-layered structure 21231
Naito, Y., Takahashi, M., Anzai, H., Mizumoto, T. Characteristics of grid ferrite electromagnetic wave absorber 21232
Naito, Y. *see* Ebisawa, H. 23355
Naito, Y. *see* Kobayashi, A. 31317
Naito, Y. *see* Totoki, M. 18284
Naito, Y. *see* Ukachi, T. 2977
Naitong Zhang *see* Zhang Naitong
Naitou, H., Fukumasa, O., Mutou, K. Particle simulation on extraction of negative ions from a volume source 46729
Naitou, H., Kume, M. High-power semiconductor lasers for optical disk systems by using MOCVD technique 3680
Naitou, H. *see* Fukumasa, O. 15609
Naitou, K. *see* Nagano, Y. 34094
Najafi, B., Hakim, H. A comparative study of non-parametric spectral estimators for application in machine vibration analysis 16756
Najafi, K. Silicon integrated microsensors 6584
Najafi, K. *see* Bouwstra, S. 6389
Najafi, S. *see* Saarinen, J. 3934
Najafi, S.I., Honkanen, S., Chen, J.Y. Characteristics of double-ion-exchanged glass waveguides 3110
Najafi, S.I. *see* Chen, J.Y. 5647
Najafi, S.I. *see* Chen, J.Y. 21064
Najafi, S.I. *see* Chunmeng Wu 35874
Najafi, S.I. *see* Godbout, N. 4228
Najafi, S.I. *see* He, Q. 3553
Najafi, S.I. *see* Honkanen, S. 3155
Najafi, S.I. *see* Lefebvre, P. 3137
Najafi, S.I. *see* Tervonen, A. 4229
Najafi, S.I. *see* Wang, W.J. 3086
Najafi, S.I. *see* Wang, W.J. 3095
Najafi, S.I. *see* Wang, W.J. 3156
Najafi, S.Iraj *see* Iraj Najafi, S.
Najar, M., Lagunas, M.A. Simultaneous DOA estimation based on Kolmogorov's theorem 4735
Najar, M. *see* Lagunas, M.A. 18793
Najim, M. *see* Ammoumou, A. 4693
Najim, M. *see* Liu, X. 4696
Najim, M. *see* Liu, X. 21767
Najim, M. *see* Molina, C. 21997
Najim, M. *see* Youlal, H. 22004
Najjar, Y.S.H., Akyurt, M. Combined cycles with gas turbine engines 47788
Najjar, Y.S.H., Akyurt, M., Al-Rabghi, O.M., Alp, T. Cogeneration with gas turbine engines 16673
Najm, F. *see* Burch, R. 26589
Najm, H.N. *see* Moslehi, M.M. 28269
Najmi, A. *see* Algazi, V.R. 13564
Nak, D. Coordinating global standards and market demands 37205
Nak-Myung Kim Trends in private ISDN network (PISN) standards 30523
Naka, H. *see* Ichiyanagi, T. 31068
Naka, K. *see* Kondo, K. 30986
Naka, M. *see* Takayama, R. 6598
Nakabayashi, T. *see* Hara, O. 10608
Nakabayashi, T. *see* Kato, Y. 35067
Nakabayashi, T. *see* Shoji, M. 7121
Nakabayashi, Y. *see* Kometani, H. 40108
Nakabayashi, Y. *see* Ueda, A. 16763
Nakabe, K. *see* Adachi, H. 18514
Nakabushi, H. Superconducting compact SR source AURORA for X-ray lithography 7124
Nakachi, T. *see* Yamashita, K. 1333
Nakada, A. *see* Kubota, Y. 26178
Nakada, H. *see* Murata, S. 20873
Nakada, H. *see* Watabe, A. 11890
Nakada, M. *see* Iwanaga, T. 23345
Nakada, T., Kunioka, A., Kuchi, T. Integrated selenium color sensor and its application to a color-recognition system 46426
Nakada, T. *see* Uchida, S. 32444
Nakadai, N. *see* Sone, K. 27022
Nakadai, N. *see* Sone, K. 42000
Nakadan, Y. *see* Ikegami, T. 6298
Nakagami, T. *see* Yamamoto, T. 5675
Nakagawa, A. Intelligent power IC 19950
Nakagawa, G., Miura, K., Makiuchi, M., Yano, M. Highly efficient coupling between LD array and optical fiber array using Si microlens array 20374
Nakagawa, H., Pepe, G., Akoh, H., Frunzio, L., Cristiano, R., Esposito, E., Pagano, S., Peluso, G., Barone, A., Takada, S. A new fabrication process of superconducting Nb tunnel junctions with ultralow leakage current for X-ray detection 15614
Nakagawa, H. *see* Cristiano, R. 38878
Nakagawa, H. *see* Eriguchi, K. 27721
Nakagawa, K. Loss and waiting time probability approximation for general queueing 22335
Nakagawa, K., Kourogi, M., Ohtsu, M. Proposal of a frequency-synthesis chain between the microwave and optical frequencies of the Ca intercombination line at 657 nm using diode lasers 35955
Nakagawa, K., Shimizu, Y., Katsuda, T., Ohtsu, M. Highly stable and high power Nd:YAG lasers [for gravitational wave detectors] 3554
Nakagawa, K., Yoshimura, T., Minemoto, T. Surface-roughness measurement using Fourier transformation of doubly scattered speckle pattern 6804
Nakagawa, K. *see* Fujita, K. 690
Nakagawa, K. *see* Ishida, Y. 14854
Nakagawa, K. *see* Kourogi, M. 3660
Nakagawa, K. *see* Kourogi, M. 35499
Nakagawa, K. *see* Masuda, H. 43795
Nakagawa, K. *see* Mori, K. 6252
Nakagawa, K. *see* Mori, K. 23337
Nakagawa, K. *see* Oikawa, A. 11053
Nakagawa, K. *see* Sato, Y. 30755
Nakagawa, K. *see* Shimada, S. 30744
Nakagawa, K. *see* Tamagawa, T. 27561
Nakagawa, M. Spread-spectrum communications for consumer application 5711
Nakagawa, M., Mori, T. Whole core calculations of power reactors by use of Monte Carlo method 8103
Nakagawa, M. *see* Esmailzadeh, R. 5725
Nakagawa, M. *see* Esmailzadeh, R. 5791
Nakagawa, M. *see* Huang, W. 14660
Nakagawa, M. *see* Mori, T. 22775
Nakagawa, M. *see* Osaki, M. 23045
Nakagawa, M. *see* Sanada, Y. 5790
Nakagawa, M. *see* Sano, H. 5755
Nakagawa, M. *see* Takeuchi, M. 5793
Nakagawa, N., Kawakami, H., Yukimura, K. Influence of gas mixture ratio on laser output energy of discharge-pumped KrF excimer laser—a discussion on the basis of light intensity waveforms 3441
Nakagawa, N. *see* Okada, T. 41914
Nakagawa, N. *see* Uchiyama, K. 10192
Nakagawa, S., Seino, T., Ueda, Y. Spoken language identification by ergodic HMMs and its state sequences 44795
Nakagawa, S. *see* Mizusaki, J. 17364
Nakagawa, S.-i. *see* Kawai, H. 18763
Nakagawa, T., Ikemoto, Y., Takahashi, M., Inagaki, N. Applications of active magnetic bearing to high-accuracy grinding machines 26174
Nakagawa, T., Kageyama, T., Kase, M., Goto, A., Yano, Y. Upgrade of RIKEN 10 GHz electron cyclotron resonance ion source using plasma cathode method 7112
Nakagawa, T., Nakata, S. Effects of beam size on beam position measurements made with electrostatic monitors 6940
Nakagawa, T., Yasui, K., Sandoh, H. An optimal ARQ policy for a data transmission system with intermittent faults 13906
Nakagawa, T. *see* Ebihara, D. 48368
Nakagawa, T. *see* Ebihara, D. 48489
Nakagawa, T. *see* Horii, Y. 27195
Nakagawa, T. *see* Horii, Y. 27196
Nakagawa, T. *see* Sandoh, H. 22295
Nakagawa, T. *see* Sennenbara, N. 34938
Nakagawa, T. *see* Suwaki, H. 19146
Nakagawa, Y., Ito, H., Kato, K. Enhancement of photoelastic constant of optical thin-film waveguide assisted by surface acoustic wave 11639
Nakagawa, Y., Yoneda, T., Omata, T., Hosaka, K. Control of 2nd order temperature coefficients of delay time for SAW propagating in thin film layers 28346
Nakagawa, Y. *see* Hiroi, T. 17950
Nakagawa, Y. *see* Iijima, T. 25485
Nakagawa, Y. *see* Koshishiba, H. 31815
Nakagawa, Y. *see* Ohkubo, K. 3339
Nakagawa, Y. *see* Ohmi, T. 6866
Nakagawa, Y. *see* Uwano, T. 18523
Nakagawa, Y. *see* Yanagisawa, T. 31066
Nakagawa, Y. *see* Yanagisawa, T. 31067
Nakagome, H. *see* Imamura, S. 28477
Nakagome, H. *see* Yoshimura, R. 3126
Nakagome, Y. *see* Kobayashi, K. 15682
Nakagome, Y. *see* Suzuki, M. 26785
Nakagomi, S. *see* Sakamoto, T. 14949
Nakagomi, Y., Otani, T. The third generation IGBT and its model for circuit simulations 28141
Nakaguchi, M. *see* Yamaguchi, F. 14824
Nakahama, S. *see* Uezato, K. 47911
Nakahara, A., Aida, H., Saito, T. Performance evaluation of communication networks based on FSM specifications of protocols 5241
Nakahara, H. Asian electronics and PWB production, market and technology 42298
Nakahara, H., Morimoto, T., Watanabe, T., Isumi, H., Ohse, S., Utsumi, A. Fringe instruments of ultrathin medical fiberscope 31838
Nakahara, H. *see* Ichimiya, A. 33612
Nakahara, K., Chaki, S., Andoh, N., Matsuoka, H., Tanino, N., Mitsui, Y., Otsubo, M., Mitsui, S. A novel three phase-states phase shifter 1595
Nakahara, K. *see* Imanishi, N. 48075
Nakahara, K. *see* Sato, I. 15299
Nakahara, S., Doi, A., Tachikawa, A., Numahara, T. The near-infrared hygrometer compensated secular change 31886
Nakahara, S. *see* Chu, S.N.G. 18288
Nakahara, S. *see* Katz, A. 9547
Nakahara, S. *see* Katz, A. 9710

Nakahara, S. *see* Zushi, T. 2979
Nakahara, Y., Gen, M. A method for solving linear programming problems with triangular fuzzy coefficients using new ranking index 547
Nakahara, Y. *see* Iji, M. 17826
Nakahashi, J. *see* Tsuboka, E. 44793
Nakahashi, T. *see* Kinoshita, T. 5590
Nakahashi, T. *see* Kinoshita, T. 31020
Nakahata, H., Hachigo, A., Shikata, S., Fujimori, N. High frequency surface acoustic wave filter using ZnO/diamond/Si structure 11425
Nakahata, H., Higaki, K., Hachigo, A., Shikata, S., Fujimori, N., Takahashi, Y., Kajihara, T., Yamamoto, Y. High frequency surface acoustic wave filter using ZnO/diamond/Si structure 28345
Nakahira, K., Ohata, K., Mizuno, H. Optical interconnection for satellite communications earth stations 30670
Nakahira, K. *see* Okuno, A. 383
Nakahira, Y., Konuma, R., Inoue, H. 3D laminated optical circuit arrays switch (3D-LOCAS) 5673
Nakahodo, H. *see* Nishijima, K. 2707
Nakai, K. *see* Koiwa, I. 1817
Nakai, M., Shimodaira, H., Sagayama, S. Prosodic phrase segmentation based on pitch-pattern clustering 44798
Nakai, S. *see* Asakawa, M. 3695
Nakai, S. *see* Asakawa, M. 43691
Nakai, S. *see* Asakawa, M. 43965
Nakai, S. *see* Chen, J. 47026
Nakai, S. *see* Kuruma, S. 43998
Nakai, S. *see* Motokoshi, S. 12290
Nakai, S. *see* Naito, K. 35706
Nakai, S. *see* Naito, K. 35735
Nakai, S. *see* Nakatsuka, M. 35728
Nakai, S. *see* Nishi, N. 35931
Nakai, S. *see* Tsubakimoto, K. 35953
Nakai, T., Kaszezawa, T., Shinohara, T., Nishida, M., Murakami, T. Digital HDTV transmission system via satellite 38272
Nakai, T., Watanabe, M., Suzuki, H. Use of a linear predictive analysis method to detect gas bubbles generated in the bloodstream during decompression 31836
Nakai, T., Yasuda, M., Marutani, Y., Ohta, T. Plastic organ models fabricated from MR images using lasers and photopolymers 31903
Nakai, T. *see* Hatano, Y. 6217
Nakai, T. *see* Kaszezawa, T. 31010
Nakai, T. *see* Kusaka, H. 5724
Nakai, T. *see* Usami, A. 10765
Nakai, Y. *see* Fujihira, C. 1827
Nakaizumi, K. *see* Hamada, H. 41891
Nakajima, A. A study of SnO_2-based gas sensors affected by addition of several metal oxides 6617
Nakajima, A. Decentralized voting protocols 14122
Nakajima, A. A two-step mutual multicast technique for n-to-n communication 30210
Nakajima, A. *see* Nisihata, K. 30327
Nakajima, C. *see* Yazawa, T. 39494
Nakajima, H., De Faria, I.F., Jr. Transient response of MS-DFB amplifier-filters 23010
Nakajima, H., Ishibashi, T. Monte Carlo analysis of nonequilibrium electron transport in InAlGaAs/InGaAs HBT's 19789
Nakajima, H., Komooka, M. Development of SDH 45 M conversion multiplexer 5638
Nakajima, H., Kurishima, K., Yamahata, S., Kobayashi, T., Matsuoka, Y. High-speed InP/InGaAs HBTs operated at submilliampere collector currents 1553
Nakajima, H. *see* Blez, M. 12152
Nakajima, H. *see* Harada, K. 33876
Nakajima, H. *see* Iinuma, T. 11297
Nakajima, H. *see* Inou, K. 11299
Nakajima, H. *see* Kurishima, K. 34926
Nakajima, H. *see* Tahata, S. 15150
Nakajima, H. *see* Tomeoka, H. 24642
Nakajima, H. *see* Tsuji, H. 28422
Nakajima, J., Otobe, E., Nishibori, K., Kobayashi, H., Tanaka, N., Saitoh, T., Watanabe, N., Aramaki, Y., Hoshikawa, T., Asuma, K., Daishido, T. One-dimensional imaging with the Waseda FFT radio telescope 6165
Nakajima, K., Enomoto, A., Nakanishi, H., Ogata, A., Suetsugu, Y., Kato, Y., Kitagawa, Y., Mima, K., Shiraga, H., Yamakawa, K., Shoji, T., Nishida, Y., Yugami, N., Downer, M., Horton, W., Newberger, B., Tajima, T. Experiment of laser wake-field accelerator 7013
Nakajima, K., Kimoto, Y., Kishi, H., Kato, T., Muto, H., Harigai, M., Arai, H., Ueki, K., Murayama, M., Cookson, L., Ogiwara, T., Tsukahara, Y. Computer-controlled NTSC single-chip LSI for color TV 14772
Nakajima, K., Kojima, Y., Hirasawa, S., Mukai, H., Ishida, S., Hirota, T., Kondoh, K., Aizaki, N. 0.25μm electron beam direct writing techniques for 256 Mbit dynamic random access memory fabrication 27873
Nakajima, K., Kusunoki, T., Kuramata, K. Constant temperature LEC growth of uniform composition InGaAs bulk crystals through continuous supply of GaAs 9505
Nakajima, K., Ohuchi, K., Watanabe, T., Takagi, N., Kondou, K. 0.5 μm CMOS gate array with CrossCheck 10056
Nakajima, K., Shiki, T., Hori, Y., Koga, K., Ueda, G., Ito, M. Full-color liquid-crystal display products 23824
Nakajima, K., Sudo, S., Aoki, S. High-sensitivity image-sensor-incorporated image intensifier tube with charge-coupled device for X-ray diffraction 23715
Nakajima, K. *see* Hirasawa, S. 27906
Nakajima, K. *see* Hirohata, T. 15003
Nakajima, K. *see* Kojima, Y. 27875
Nakajima, K. *see* Mizugaki, Y. 2899
Nakajima, K. *see* Mizugaki, Y. 42124
Nakajima, K. *see* Namihira, Y. 2964
Nakajima, K. *see* Odagawa, T. 12136
Nakajima, K. *see* Odagawa, T. 12153
Nakajima, K. *see* Ogata, A. 6952
Nakajima, K. *see* Sugibayashi, T. 26919
Nakajima, K. *see* Sugibayashi, T. 26954
Nakajima, K. *see* Tamura, T. 24296
Nakajima, K. *see* Terai, M. 26552
Nakajima, K. *see* Vezin, V. 33630
Nakajima, K. *see* Yoshida, Y. 6954
Nakajima, M., Yamashita, E. Rectangular boundary division method and its applications 12683
Nakajima, M. *see* Kuboyama, S. 34985
Nakajima, M. *see* Matsuo, K. 12530
Nakajima, M. *see* Muto, H. 42925
Nakajima, M. *see* Ohya, A. 24217
Nakajima, M. *see* Saito, Y. 2605
Nakajima, M. *see* Takeuchi, Y. 11731
Nakajima, M. *see* Terada, K. 23693
Nakajima, M. *see* Terada, K. 45110
Nakajima, M. *see* Yamada, K. 46802
Nakajima, N., Saleh, B.E.A. Reconstruction of a complex-valued object in coherent imaging through a random-phase screen 36963
Nakajima, N. *see* Watanabe, E. 1296
Nakajima, O. Evaluation of lateral Zn diffusion in GaAs under a diffusion mask 10827
Nakajima, O. *see* Ito, H. 2474
Nakajima, S. *see* Takahashi, T. 22458
Nakajima, S.-I. *see* Nomoto, T. 31319
Nakajima, T. Application of high frequency switching devices to power facilities 16121
Nakajima, T., Ono, M., Nagata, M., Iwasawa, C., Yamaoka, S., Seino, Y. Development of SOFC components by plasma and flame spray coating methods 17379
Nakajima, T. *see* Hatano, Y. 17557
Nakajima, T. *see* Ichikawa, F. 16160
Nakajima, T. *see* Inagaki, Y. 8090
Nakajima, T. *see* Ogawa, Y. 29345
Nakajima, T. *see* Suzuki, K. 16161
Nakajima, T. *see* Umetani, K. 7385
Nakajima, Y. *see* Kawano, M. 30825
Nakajima, Y. *see* Kusuyama, K. 657
Nakajima, Y. *see* Nishimura, T. 3633
Nakajima, Y. *see* Ogawa, M. 20272
Nakajima, Y. *see* Takagi, T. 19141
Nakajima, Y. *see* Takagi, T. 33917
Nakaki, T. *see* Adachi, S. 23113
Nakakita, H. *see* Mizuno, H. 14801
Nakamachi, T. *see* Takeda, T. 8980
Nakamae, E. Lighting design methodology supported by computer 40643
Nakamae, T. *see* Yamashita, H. 32439
Nakamichi, K. *see* Harada, N. 25827
Nakamichi, K. *see* Okamura, T. 25825
Nakamizo, H. *see* Munehiro, T. 22795
Nakamori, N., Yamano, K., Yamada, M., Kanamori, H. Effect of electron energy distribution on bremsstrahlung spectrum 7296
Nakamori, S. Estimation technique using covariance data in linear continuous stochastic systems 13289
Nakamori, S. Optimal filtering algorithm using covariance information in linear discrete-time distributed parameter systems 13541
Nakamoto, S., Hirano, K., Minagawa, H. Application of microorganisms for wastewater treatment 24519
Nakamoto, T., Higuchi, Y., Moriizumi, T. Study of fire-alarm system using plural semiconductor and quartz-resonator gas sensors 46526
Nakamoto, T. *see* Sha, S. 15101
Nakamura, A. Recent technology for supplying huge power to cope with load growth 47355
Nakamura, A., Futamoto, M. Epitaxial growth of Co/Cr bilayer films on MgO single crystal substrates 11451
Nakamura, A., Mashimo, T. Calibration experiments of a thin manganin gauge for shock-wave measurement in solids: measurements of shock-stress history in alumina 15219
Nakamura, A., Takizawa, M. Starvation-prevented priority-based total ordering broadcast protocol on high-speed single channel network 13902
Nakamura, A. *see* Fukasawa, T. 27714
Nakamura, A. *see* Needham, R. 13963
Nakamura, A. *see* Ohtsuki, T. 26157
Nakamura, A. *see* Takizawa, M. 37113
Nakamura, F. *see* Chiba, A. 16874
Nakamura, F. *see* Funato, K. 19769
Nakamura, F. *see* Nomura, S. 16850
Nakamura, F. *see* Yasuoka, T. 23277
Nakamura, H., Murai, Y. Current resonant DC link AC/AC converter without DC inductance 17012
Nakamura, H., Okuno, H. Microcomputer-controlled tension controller 40099
Nakamura, H. *see* Anoda, Y. 16615
Nakamura, H. *see* Hanatani, S. 28654
Nakamura, H. *see* Imada, G. 20637
Nakamura, H. *see* Katsura, T. 6937
Nakamura, H. *see* Maloney, C.E. 42347
Nakamura, H. *see* Murai, Y. 40549
Nakamura, H. *see* Takesai, K. 48378
Nakamura, H. *see* Tatsuki, T. 43268
Nakamura, I. *see* Taniguchi, T. 34051
Nakamura, J. *see* Kirino, F. 28351
Nakamura, K. A simple equivalent circuit for interdigital transducers based on the coupled-mode approach 24549
Nakamura, K., Hirota, K. Considerations of SAW coupled-mode equations and equivalent circuit representation of interdigital transducers 2772
Nakamura, K., Kan-no, I., Senoo, T. A chip set for serial digital video interface 46244
Nakamura, K., Maruyama, M., Ohhara, T. Hi-Vision built-in simplified MUSE decoder 23319
Nakamura, K., Ohmi, K., Yamamoto, K., Makihara, K., Ohmi, T. Silicon wafer orientation dependence of metal oxide semiconductor device reliability 42578
Nakamura, K., Sakashita, N., Nitta, Y., Shimomura, K., Ohno, T., Eguchi, K., Tokuda, T. A 12 b resolution 200 kFLIPS fuzzy inference processor 34108
Nakamura, K., Sakashita, N., Nitta, Y., Shimomura, K., Tokuda, T. Fuzzy inference and fuzzy inference processor 10194
Nakamura, K., Yamabe, C., Horii, K. Improvement of corona-preionized TEA-CO_2 laser and its application to non-destructive and remote inspection 20647
Nakamura, K. *see* Endoh, M. 35213
Nakamura, K. *see* Ishida, Y. 14854
Nakamura, K. *see* Ito, S. 16985
Nakamura, K. *see* Ito, S. 25536
Nakamura, K. *see* Itoi, S. 6223
Nakamura, K. *see* Itoi, S. 31054
Nakamura, K. *see* Iwata, A. 16262
Nakamura, K. *see* Kitamura, K. 15238
Nakamura, K. *see* Kurosawa, M. 16903
Nakamura, K. *see* Noda, H. 42922
Nakamura, K. *see* Okuno, Y. 41371
Nakamura, K. *see* Sakamoto, T. 10709
Nakamura, K. *see* Suzuki, H. 11331
Nakamura, K. *see* Suzuki, Y. 43237
Nakamura, K. *see* Tsuji, H. 28422
Nakamura, K. *see* Verma, S.C. 24789
Nakamura, K. *see* Wei, S. 24631
Nakamura, K. *see* Yamabe, C. 25848
Nakamura, K. *see* Yamada, K. 16055
Nakamura, K. *see* Yamada, Y. 15127
Nakamura, K. *see* Yamazaki, O. 42761
Nakamura, K. *see* Yoshida, H. 28694
Nakamura, K. *see* Yoshida, H. 31358
Nakamura, K.G. *see* Kuroki, H. 19567
Nakamura, M. An extension of elementary bipartite graphs to matroid pairs and its characterization 33486
Nakamura, M. Waveform and latency estimation from neuroelectric signals using the bispectrum 39066
Nakamura, M. Telecommunication network services for personal communicators and electronic publishing 45417
Nakamura, M., Kikuchi, Y., Kuwamura, M., Yoshida, M. Effect of silicon surface treatments on thin silicon nitride growth 18274
Nakamura, M., Yokota, M. Theory of the extra resonance in four-wave mixing owing to dressed excited levels 12357
Nakamura, M. *see* Imai, Y. 6086
Nakamura, M. *see* Kamimura, H. 35078
Nakamura, M. *see* Kamitani, Y. 33869
Nakamura, M. *see* Kinoshita, K. 23805
Nakamura, M. *see* Konijn, J. 24087
Nakamura, M. *see* Minowa, I. 27334
Nakamura, M. *see* Nishida, K. 23830
Nakamura, M. *see* Okamoto, H. 6250
Nakamura, M. *see* Ota, K. 48106
Nakamura, M. *see* Uwano, Y. 19187
Nakamura, M. *see* Yamamoto, K. 38866
Nakamura, N. *see* Kamada, M. 1106
Nakamura, N. *see* Nagamura, T. 6581
Nakamura, N. *see* Ninomiya, K. 8780
Nakamura, N. *see* Sugaya, T. 20276
Nakamura, N. *see* Watanabe, Y. 41898
Nakamura, N. *see* Yuki, M. 28280
Nakamura, O. *see* Kawagoshi, T. 16178
Nakamura, S. High-T_c superconducting magnet and current lead 20223
Nakamura, S. InGaN blue-light-emitting diodes 35613
Nakamura, S. Development of an HDTV solid recorder: its application to real time slow motion and image composition 38302
Nakamura, S., Akabane, T., Hamaguchi, S., Kitoh, A. Robust word recognition in adverse car environments 21679
Nakamura, S., Midorikawa, K., Obara, M., Toyoda, K. Ring-type Ti:sapphire regenerative amplifier with a wide tuning range 3474

Nakamura, S., Morishita, Y., Horio, Y., Kawahashi, A., Kadowaki, Y. A simple design method for FIR filters with integer coefficients using a personal computer 10327
Nakamura, S., Mukai, T., Senoh, M. Candela-class high-brightness InGaN/AlGaN double-heterostructure blue-light-emitting diodes 43659
Nakamura, S., Mukai, T., Senoh, M., Nagahama, S., Iwasa, N. $In_xGa_{(1-x)}N/In_yGa_{(1-y)}N$ superlattices grown on GaN films 10695
Nakamura, S., Okada, K., Itakura, S., Yasuda, K., Tada, N., Yokoyama, R. Layout designing of electrical equipment by case-based reasoning 32356
Nakamura, S. *see* Chen, L. 16258
Nakamura, S. *see* Higasa, H. 25851
Nakamura, S. *see* Kanou, N. 18924
Nakamura, S. *see* Kanou, N. 42102
Nakamura, S. *see* Kawabata, S. 45902
Nakamura, S. *see* Kitamura, T. 19140
Nakamura, S. *see* Osaka, T. 48060
Nakamura, S. *see* Saka, T. 23991
Nakamura, S. *see* Sugiyama, Y. 27560
Nakamura, S. *see* Tackeuchi, A. 35989
Nakamura, S. *see* Tajima, K. 29013
Nakamura, S. *see* Tajima, K. 30587
Nakamura, S. *see* Tomeoka, H. 24642
Nakamura, S. *see* Uchino, E. 13168
Nakamura, S. *see* Yoshikawa, M. 3281
Nakamura, T., Asada, M., Shirai, Y. Weak Lambertial assumption for determining cylindrical shape and pose from shading and contour 13593
Nakamura, T., Hanagama, Y., Nikawa, K. Fault localization using voltage contrast image—development of IC Fault Navigation (ICFAN) method 43061
Nakamura, T., Irokawa, H. Digital control and protection system for extension of Hokkaido-Honshu HVDC link 47492
Nakamura, T., Ozawa, A., Yokokawa, S. Radiation from the multi-branching point of a transmission line 12652
Nakamura, T., Tanaka, E., Fujiwara, S. Direct contact-type image sensor unit 38552
Nakamura, T., Tanaka, E., Murata, T., Yamaguchi, K., Fujiwara, S. Multi-chip direct contact-type image sensor using bipolar IC 23719
Nakamura, T., Tsuda, T., Fukao, S., Kato, S., Manson, A.H., Meek, C.E. Comparative observations of short-period gravity waves (10-100 min) in the mesosphere in 1989 by Saskatoon MF radar (52°N), Canada and the MU radar (35°N), Japan 7613
Nakamura, T. *see* Akamatsu, K. 10918
Nakamura, T. *see* Chang, Y. 34232
Nakamura, T. *see* Cogan, A.I. 1550
Nakamura, T. *see* Endo, N. 46562
Nakamura, T. *see* Hayama, K. 41270
Nakamura, T. *see* Himeno, T. 16301
Nakamura, T. *see* Inoue, K. 36850
Nakamura, T. *see* Ishihara, H. 35240
Nakamura, T. *see* Kaqahito, S. 10105
Nakamura, T. *see* Kawahito, S. 35042
Nakamura, T. *see* Kawahito, S. 46350
Nakamura, T. *see* Kitaguchi, H. 38867
Nakamura, T. *see* Mimura, H. 43622
Nakamura, T. *see* Mochizuki, K. 19794
Nakamura, T. *see* Nomoto, T. 6557
Nakamura, T. *see* Nomoto, T. 31319
Nakamura, T. *see* Sato, T. 3676
Nakamura, T. *see* Shimizu, H. 37674
Nakamura, T. *see* Tanaka, Y. 35540
Nakamura, T. *see* Uwano, T. 18523
Nakamura, Y. Prospect of high density magnetic recording technology 28368
Nakamura, Y., Fujishima, T., Nagao, M. Facial feature measurements with photometric stereo 4883
Nakamura, Y., Hamaguchi, M., Tanaka, A., Okubo, M. Thermal shock test of integrated circuit packages sealed with epoxy moulding compounds filled with spherical silica particles 9317
Nakamura, Y., Nagao, M. Parallel search for feature extraction with concurrent objects 22032
Nakamura, Y., Nishiyama, T., Fuwa, Y. Signal propagation timing check system in multilevel sequential circuits 41861
Nakamura, Y., Oguri, K., Nagoya, A., Yukishita, M., Nomura, R. High-level synthesis design at NTT Systems Labs 18432
Nakamura, Y., Otani, T. Study of surface elastic wave induced on backing material and diffracted field of a piezoelectric polymer film hydrophone 7659
Nakamura, Y., Otani, T. Theoretical analysis of frequency response of a piezoelectric polymer film hydrophone 28334
Nakamura, Y., Tsuchiya, M., Motohisa, J., Noge, H., Koshiba, S., Sakaki, H. Formation of N-AlGaAs/GaAs edge quantum wire on (111)B micro facet by MBE and magnetic depopulation of quasi-one-dimensional electron gas 41344
Nakamura, Y., Yamashiro, S., Miyamoto, E. Demand forecasting for the following day by cyclic coefficients model 39565
Nakamura, Y. *see* Chun-Wei Lin 14878
Nakamura, Y. *see* Hirokoh, M. 28381
Nakamura, Y. *see* Itoh, K. 20158
Nakamura, Y. *see* Itoh, M. 14328
Nakamura, Y. *see* Iwase, F. 34691
Nakamura, Y. *see* Kawamoto, S. 23718
Nakamura, Y. *see* Koshiba, S. 18209
Nakamura, Y. *see* Koshiba, S. 41349
Nakamura, Y. *see* Kutsuwada, N. 15188
Nakamura, Y. *see* Muraoka, H. 2845
Nakamura, Y. *see* Nishida, Y. 43307
Nakamura, Y. *see* Ogawa, K. 37838
Nakamura, Y. *see* Satoh, Y. 43304
Nakamura, Y. *see* Shikama, S. 43305
Nakamura, Y. *see* Shimizu, Y. 28379
Nakamura, Y. *see* Tsurumi, K. 27366
Nakamura, Y. *see* Umehara, T. 20145
Nakamura, Y. *see* Wasaki, K. 37246
Nakamura, Y. *see* Yamanouchi, T. 15849
Nakamura, Y. *see* Yoneda, M. 3354
Nakane, K. *see* Suzuki, S. 36905
Nakane, Y. *see* Ban, S. 47021
Nakane, Y. *see* Tsuji, H. 28422
Nakanishi, H., Wada, K. Plasma-induced damage behavior in GaAs by photoreflectance spectroscopy 27719
Nakanishi, H. *see* Nakajima, K. 7013
Nakanishi, H. *see* Nalwa, H.S. 26391
Nakanishi, H. *see* Ogata, A. 6952
Nakanishi, H. *see* Sato, I. 15299
Nakanishi, H. *see* Shibatani, T. 23831
Nakanishi, H. *see* Tanino, H. 10679
Nakanishi, H. *see* Uedono, A. 10815
Nakanishi, H. *see* Wada, K. 10820
Nakanishi, H. *see* Yokota, K. 19780
Nakanishi, H. *see* Yoshida, Y. 6954
Nakanishi, I. *see* Suzuki, M. 29726
Nakanishi, I. *see* Yamamoto, O. 7983
Nakanishi, K. *see* Muto, H. 42925
Nakanishi, K. *see* Tanaka, T. 24946
Nakanishi, M. Improved reslicing by Voxel-Project method 45245
Nakanishi, S., Nomura, J., Kurio, T., Kaneda, M., Satoh, K., Kouzeki, D., Hosokawa, M. Intelligent fire warning system using fuzzy theory 9194
Nakanishi, S. *see* Morimoto, Y. 18203
Nakanishi, T., Kishii, S., Ohsawa, A. Influence of silicon surface roughness on time-dependent dielectric breakdown 1966
Nakanishi, T. *see* Clendenin, J. 38808
Nakanishi, T. *see* Kotani, T. 31230
Nakanishi, T. *see* Nakata, S. 15352
Nakanishi, T. *see* Saka, T. 23991
Nakanishi, T. *see* Taguchi, K. 14836
Nakanishi, Y., Ito, T., Tatsuoka, H., Kuwabara, H., Hatanaka, Y. Structural and luminescent properties of SrSe:Ce thin films prepared by multisource deposition 3348
Nakanishi, Y., Nakatani, Y., Asari, K., Ebinuma, Y., Kawai, J., Nagaoka, A. Study of noises in partial discharge measurement on power cables 24953
Nakanishi, Y. *see* Ishibashi, K. 24855
Nakanishi, Y. *see* Sowa, K. 3350
Nakanishi, Y. *see* Tomiyama, K. 24791
Nakanishi, Y. *see* Zhou, G. 3351
Nakanisi, K., Ikeda, K., Ishii, K. Current chopping characteristics of two-breaks type circuit breaker during the interruption of small inductive current 8689
Nakano, A. *see* Mozume, T. 33598
Nakano, H., Iio, S., Yamauchi, J. Improvement in front-to-back ratio of a bifilar backfire helix by a flared open end 36356
Nakano, H., Okuzawa, S., Ohishi, K., Mimaki, H., Yamauchi, J. A curl antenna 36415
Nakano, H., Takayanagi, H. Modification of quasiparticle interference by Andreev reflection phase shifter 2913
Nakano, H., Yokota, S., Mimaki, H., Yamauchi, J. Backfire mode zigzag antenna 12741
Nakano, H. *see* Ebihara, D. 40274
Nakano, H. *see* Ebihara, D. 47916
Nakano, H. *see* Koyamada, Y. 2984
Nakano, H. *see* Koyanagi, T. 38971
Nakano, H. *see* Minami, H. 2324
Nakano, H. *see* Mori, T. 23303
Nakano, H. *see* Nakatsuka, M. 35728
Nakano, H. *see* Nakazawa, T. 12244
Nakano, H. *see* Oda, T. 4008
Nakano, H. *see* Okano, H. 11443
Nakano, H. *see* Sakamoto, H. 22719
Nakano, H. *see* Sato, T. 3651
Nakano, H. *see* Shoji, M. 7121
Nakano, H. *see* Tanimoto, M. 34088
Nakano, H. *see* Tsubakimoto, K. 35953
Nakano, H. *see* Ueno, T. 35780
Nakano, H. *see* Yamauchi, J. 11649
Nakano, H. *see* Yamauchi, J. 20367
Nakano, I. *see* Fukushima, Y. 15662
Nakano, I. *see* Hara, K. 31683
Nakano, I. *see* Yasuoka, K. 24018
Nakano, J. *see* Ando, T. 42338
Nakano, J. *see* Takasugi, H. 46651
Nakano, K. *see* Itoh, S. 3664
Nakano, K. *see* Nakayama, N. 20768
Nakano, K. *see* Okuyama, H. 43839
Nakano, K. *see* Sato, K. 43256
Nakano, K. *see* Suzuki, A. 23238
Nakano, M. DC conduction associated with electric field induced motion in mineral oils 2731
Nakano, M., Iijima, Y., Chin, T.-H. Quasi state variable method for switching DC-DC converters 8639
Nakano, M., Suzuki, K., Miura, T., Kobayashi, M. Low-temperature-fireable dielectric material $Pb(Fe_{2/3}W_{1/3})O_3$-$(PbCa)(Fe_{1/2}Nb_{1/2})O_3$ for microwave use 11360
Nakano, M., Utsuki, Y., Akao, K. New infrared gas analyzer 15236
Nakano, M. *see* Nakata, T. 2791
Nakano, M. *see* Saechout, V. 16948
Nakano, M. *see* Yang, G. 16886
Nakano, N. Time critical communication architecture in factory automation 45555
Nakano, S. *see* Ezaki, K. 11361
Nakano, S. *see* Hashimoto, T. 11933
Nakano, S. *see* Kuriyama, H. 27467
Nakano, S. *see* Maruyama, E. 33052
Nakano, S. *see* Matsuyama, T. 9687
Nakano, S. *see* Matsuyama, T. 40462
Nakano, S. *see* Ninomiya, K. 8780
Nakano, S. *see* Nishiwaki, H. 17385
Nakano, S. *see* Okano, H. 18280
Nakano, S. *see* Takeuchi, K. 46425
Nakano, S. *see* Terakawa, A. 17402
Nakano, S. *see* Tsuda, S. 33064
Nakano, T., Giapis, K.P., Gottscho, R.A., Lee, T.C., Sadeghi, N. Ion velocity distributions in helicon wave plasmas: magnetic field and pressure effects 27732
Nakano, T. *see* Fujita, Y. 23304
Nakano, T. *see* Katagiri, T. 2218
Nakano, T. *see* Koyanagi, M. 2942
Nakano, T. *see* Yamada, K. 45112
Nakano, Y. *see* Chen, N. 43866
Nakano, Y. *see* Sato, K. 35794
Nakano, Y. *see* Sudoh, T.K. 43885
Nakano, Y. *see* Terashima, M. 16839
Nakano, Y. *see* Yamaguchi, M. 37682
Nakano, Y. *see* Yamaguchi, M. 45722
Nakao, A. *see* Koba, S. 2870
Nakao, H. *see* Hajdu, J.B. 2827
Nakao, H. *see* Tsujihashi, Y. 41853
Nakao, M., Sharma, M., Sugawara, M., Ibe, H., Tamura, T., Ozeki, T. Chromatic dispersion penalty improvement over 10 dB using a birefringent crystal based equalizer for 10 Gbit/s optical transmission 38101
Nakao, M. *see* Mizutani, Y. 47087
Nakao, M. *see* Sutoh, I. 17615
Nakao, M. *see* Terada, M. 20252
Nakao, N. *see* Harakawa, T. 5706
Nakao, N. *see* Sakata, H. 1861
Nakao, T. *see* Narahara, T. 20285
Nakao, Y., Itoh, H., Takeda, S., Matsuyama, H., Katoh, T., Sakai, Y., Tagashira, H. Influence of electrical conductivity and pH on propagation of impulse breakdown on the surface of artificial acid rain 11336
Nakao, Y. *see* Itoh, H. 2709
Nakao, Y. *see* Itoh, H. 46487
Nakao, Y. *see* Sato, K. 27368
Nakao, Z., Zeng-Zhong Liu, Kinjo, M. Parameter and reliability estimation for a bivariate exponential distribution 17957
Nakaoka, M. *see* Fukuda, H. 16969
Nakaoka, M. *see* Fukuda, H. 31854
Nakaoka, M. *see* Hamada, S. 8506
Nakaoka, M. *see* Hamada, S. 8555
Nakaoka, M. *see* Hamada, S. 32919
Nakaoka, M. *see* Inoue, K. 40242
Nakaoka, M. *see* Ishii, H. 40347
Nakaoka, M. *see* Kim, Y.J. 8559
Nakaoka, M. *see* Kim, Y.J. 32918
Nakaoka, M. *see* Kim, Y.J. 47979
Nakaoka, M. *see* Lu, D. 8505
Nakaoka, M. *see* Miyagawa, K. 32917
Nakaoka, M. *see* Nagai, S. 48476
Nakaoka, M. *see* Ogino, Y. 8419
Nakaoka, M. *see* Ogino, Y. 40184
Nakaoka, M. *see* Ogiwara, H. 8994
Nakaoka, M. *see* Takahashi, J. 8641
Nakaoka, T. *see* Jitsuhara, S. 40056
Nakarai, H. *see* Kowaka, M. 3414
Nakasako, N., Ohta, M., Mitani, Y. A practical trial of dynamical state estimation for non-Gaussian random variable with amplitude limitation and its application to the reverberation time measurement 21801
Nakasako, T. *see* Sakaue, H. 18275
Nakase, H., Tsubouchi, K. Novel narrowband interference rejection for an asynchronous spread spectrum wireless modem using a SAW convolver 5723
Nakase, H. *see* Tsubouchi, K. 14325
Nakase, M., Inoue, S., Fujisawa, T., Kihara, N., Ushirogouchi, T. Key technologies in lower submicron lithography: ultimate super resolution imaging system and chemically amplified resist using the self-solubility acceleration effect 27939
Nakase, M. *see* Inoue, S. 2346
Nakasha, Y. *see* Watanabe, Y. 5664
Nakashi, K. *see* Shirahama, H. 26749
Nakashima, H. *see* Ban, S. 47021
Nakashima, H. *see* Sadoh, T. 42675
Nakashima, H. *see* Wakabayashi, H. 29391
Nakashima, H. *see* Yamashita, O. 23828
Nakashima, H. *see* Yamashita, T. 23903
Nakashima, H. *see* Yoshikawa, M. 3281

Nakashima, K. Er-doping in silicon by pulsed laser irradiation 10839
Nakashima, K., Ishii, M., Hayakawa, T., Tajima, I., Yamamoto, M. Effects of substrate temperature and ion incident energy on silicon surface cleaning using a hydrogen plasma excited by electron cyclotron resonance 19590
Nakashima, K., Matznaga, H. Optimal redundancy of systems for minimizing the probability of dangerous errors 33445
Nakashima, K., Yajima, A., Kusanagi, T., Ono, S.-i., Tomita, K., Kuroyanagi, H., Nagai, T. Color LCD for car multi-vision 23825
Nakashima, K. *see* Kobayashi, A. 31317
Nakashima, K. *see* Takahashi, N. 23826
Nakashima, M. *see* Tsukahara, H. 1762
Nakashima, S. *see* Tanahashi, T. 40575
Nakasu, E. *see* Seo, K. 31007
Nakasugi, T. *see* Azuma, T. 27889
Nakata, H., Nagata, T., Tsuchida, K., Kato, A. Ceramic electrodes for an alkali metal thermoelectric converter (AMTEC) 33076
Nakata, H. *see* Katsumata, M. 30355
Nakata, H. *see* Tanaka, M. 6239
Nakata, J. *see* Chang, S.J. 11876
Nakata, K. *see* Ito, S. 16985
Nakata, K. *see* Ito, S. 25536
Nakata, K. *see* Kabashima, S. 25830
Nakata, K. *see* Kasuya, K. 20631
Nakata, K. *see* Zubtsov, V.M. 25833
Nakata, M., Shimizu, I. TEM study and Hall measurement of nc-Si prepared by controlled deposition 19326
Nakata, M. *see* Ishihara, S. 9695
Nakata, M. *see* Vasanth, K. 33053
Nakata, R. *see* Stein, J. 32776
Nakata, S., Ikuta, K., Yamamoto, M., Mizutani, T. Transport properties of buried AlGaAs/GaAs quantum wires 27536
Nakata, S., Tsukishima, C., Nakanishi, T., Kodera, M., Mizuta, N. Fabrication of a molded type high power septum magnet 15352
Nakata, S. *see* Fujimoto, K. 22266
Nakata, S. *see* Inami, S. 2860
Nakata, S. *see* Nakagawa, T. 6940
Nakata, S. *see* Tsukishima, C. 23970
Nakata, T., Ohi, M. Tantalum dielectrics open tantalizing potential in capacitor field 1663
Nakata, T., Takahashi, N. Comments in future workshop problems [magnetic material anisotropy] 2790
Nakata, T., Takahashi Suharutono, N., Morishige, H. Proposal of a model for verification of softwares for 3-D static force calculation 3983
Nakata, T., Takahashi, N., Nakano, M. Effect of residual magnetism on eddy current density waveforms in problem 10 2791
Nakata, T. *see* Iwashita, H. 10110
Nakata, T. *see* Muramatsu, K. 16757
Nakata, T. *see* Takahashi, N. 3982
Nakata, Y. *see* Ebihara, D. 40274
Nakata, Y. *see* Ebihara, D. 47916
Nakata, Y. *see* Sugiyama, Y. 27560
Nakata, Y. *see* Tackeuchi, A. 35989
Nakata, Y. *see* Watanabe, D. 32362
Nakatani, A. *see* Horio, K. 19777
Nakatani, H. *see* Chen, Y.-L. 5012
Nakatani, H. *see* Chen, Y.-L. 5023
Nakatani, I. *see* Sakai, T. 6712
Nakatani, R. *see* Kitada, M. 2795
Nakatani, S. *see* Ichimura, M. 33638
Nakatani, S. *see* Itagaki, M. 17862
Nakatani, T. *see* Sugai, M. 1283
Nakatani, Y., Hayashi, N. Computer simulation of annihilation process of vertical Bloch line pair 43334
Nakatani, Y., Takeuchi, K., Inage, H., Morikawa, Y. Elevators, escalators and building-automation systems for the Landmark Tower, Yokohama 40574
Nakatani, Y. *see* Ishikawa, C. 11492
Nakatani, Y. *see* Ishikawa, C. 28382
Nakatani, Y. *see* Nakanishi, Y. 24953
Nakatani, Y. *see* Yoshida, K. 28383
Nakato, A. *see* Ikeda, H. 8546
Nakato, T. MOS device technology trend and future direction 2667
Nakato, Y. *see* Kobayashi, H. 8752
Nakato, Y. *see* Kobayashi, H. 46534
Nakato, Y. *see* Kobayashi, H. 46536
Nakatogawa, T. *see* Fujita, K. 39716
Nakatsugawa, M. *see* Muraguchi, M. 1608
Nakatsuka, M., Miyanaga, N., Kanabe, T., Nakano, H., Tsubakimoto, K., Nakai, S. Partially coherent light sources for ICF experiment 35728
Nakatsuka, M. *see* Naito, K. 35706
Nakatsuka, M. *see* Naito, K. 35735
Nakatsuka, M. *see* Nishi, N. 35931
Nakatsuka, M. *see* Tsubakimoto, K. 35953
Nakatsuka, S. *see* Tamaki, E. 25497
Nakatsuka, T. *see* Kadota, H. 35066
Nakaue, A. *see* Sato, M. 28358
Nakaune, K. *see* Sakaue, H. 18275
Nakaya, S. *see* Henmi, N. 45919
Nakaya, S. *see* Henmi, N. 45966
Nakaya, T. *see* Suzuki, S. 1812
Nakayama, H. *see* Fukushima, T. 20797
Nakayama, H. *see* Fukushima, T. 28860
Nakayama, H. *see* Matsumoto, N. 35898
Nakayama, J. Generating binary random images by a discrete-valued auto-regressive equation 22062
Nakayama, J., Mieda, M., Katayama, H., Takashi, A., Ohta, K., Ishikawa, T. Direct overwriting using magnetooptical trilayer medium and one magnet 20431
Nakayama, J., Motoyama, H. Generating a binary Markov chain by a discrete-valued auto-regressive equation 29734
Nakayama, K., Chigawa, Y. Japanese Kanji character recognition using cellular neural networks and modified self-organizing feature map 4969
Nakayama, K. *see* Hogari, K. 14620
Nakayama, K. *see* Kageshima, M. 27444
Nakayama, K. *see* Wang, Y. 36779
Nakayama, M. *see* Matsuno, M. 14928
Nakayama, M. *see* Sato, F. 37876
Nakayama, M. *see* Takagi, T. 33917
Nakayama, N., Itoh, S., Okuyama, H., Ozawa, M., Ohata, T., Nakano, K., Ikeda, M., Ishibashi, A., Mori, Y. Continuous-wave operation of 489.9nm blue laser diode at room temperature 20768
Nakayama, N. *see* Itoh, S. 3664
Nakayama, N. *see* Okuyama, H. 43839
Nakayama, R. *see* Takeshita, T. 35214
Nakayama, S. *see* Hirotsuji, J. 9064
Nakayama, S. *see* Yamada, S. 19956
Nakayama, T. Editing interchangeability for narrow track digital VTR 31056
Nakayama, T., Katayama, M., Selva, G., Aono, M. Mechanism of epitaxial growth of monolayer CaF on Si(111)-(7×7) 33657
Nakayama, T., Takizawa, S., Ishi, S., Yanase, T. New control methods of resonant DC link inverter 8653
Nakayama, T. *see* Nagamura, T. 6581
Nakayama, T. *see* Takakura, H. 25583
Nakayama, T. *see* Takayama, R. 6598
Nakayama, Y., Makabe, T. Investigation of the ion ejection mechanism of gallium liquid metal ion sources 7127
Nakayama, Y., Sohda, Y., Saitou, N., Itoh, H. Highly accurate calibration method of electron-beam cell projection lithography 2322
Nakayama, Y., Stradins, P., Fritzsche, H. Metastable centers and photoconduction in a-SiN_x:H 28610
Nakayama, Y., Yamada, H. Processing technologies and characteristics of wire-cut EDMs [electric discharge machines] 25971
Nakayama, Y. *see* Oizumi, T. 25961
Nakayama, Y. *see* Watanabe, M. 27847
Nakayama, Y. *see* Zhang, M. 33712
Nakayashiki, S., Kashio, J., Harakawa, T. MAC reconfiguration mechanism for a dual-ring LAN 14113
Nakayma, Y. *see* Shoji, M. 7121
Nakazato, K., Ahmed, H. The multiple tunnel junction and its application to single-electron memories 28219
Nakazato, K. *see* Blaikie, R.J. 19340
Nakazato, K. *see* Onishi, M. 38008
Nakazato, K. *see* Williams, D.A. 2600
Nakazato, M. *see* Kawashima, H. 28320
Nakazato, M. *see* Kawashima, H. 35194
Nakazato, Y. *see* Abe, T. 42579
Nakazato, Y. *see* Hamada, S. 19310
Nakazawa, F. *see* Tanaka, S. 27006
Nakazawa, K., Shiwa, S., Ichinose, S. Private display for a videophone 15139
Nakazawa, K. *see* Abe, T. 42579
Nakazawa, K. *see* Ito, K. 25502
Nakazawa, K. *see* Terada, K. 23693
Nakazawa, M. Optical soliton communication technologies for high-speed networks 38040
Nakazawa, M. Soliton transmission in telecommunication networks 38075
Nakazawa, M., Kimura, Y., Suzuki, K. Nonlinear optics in optical fibers and future prospects for optical soliton communications technologies 28972
Nakazawa, M., Suzuki, K., Kubota, H., Kimura, Y. Active Q switching and mode locking in a 1.53-μm fiber ring laser with saturable absorption in erbium-doped fiber at 4.2 K 3482
Nakazawa, M., Takeuchi, M., Moriizumi, T., Niiyama, H., Ballato, A., Lukaszek, T. A theoretical study of quartz crystal resonators for chemical sensors, vibrating in C mode 23518
Nakazawa, M. *see* Fujimoto, M. 20138
Nakazawa, M. *see* Harano, H. 47006
Nakazawa, M. *see* Hattori, S. 5287
Nakazawa, M. *see* Kimura, Y. 30733
Nakazawa, M. *see* Kubota, H. 5867
Nakazawa, M. *see* Kubota, H. 6087
Nakazawa, M. *see* Kubota, H. 30731
Nakazawa, M. *see* Sekimoto, H. 20093
Nakazawa, M. *see* Suzuki, K. 22997
Nakazawa, M. *see* Takahashi, H. 15675
Nakazawa, M. *see* Takahashi, H. 38994
Nakazawa, M. *see* Takeuchi, M. 43224
Nakazawa, M. *see* Wakabayashi, S. 33395
Nakazawa, M. *see* Yamamoto, K.-i. 27723
Nakazawa, M. *see* Yoshida, E. 3520
Nakazawa, M. *see* Yoshida, E. 3567
Nakazawa, N., Toba, H., Tanji, A., Kanno, N., Mizukawa, S. 622 Mbps fiber-optic digital transmission equipment for HDTV signals 6218
Nakazawa, T., Nakano, H., Ueno, T., Sato, T., Shimba, M. Frequency stabilization of a semiconductor laser using the magneto-optical effect and the saturated absorption optical system 12244
Nakazawa, T. *see* Sato, N. 24620
Nakazawa, T. *see* Sato, T. 3651
Nakazawa, T. *see* Ueno, T. 12240
Nakazawa, T. *see* Ueno, T. 35780
Nakazawa, Y. *see* Amamoto, N. 38424
Nakazawa, Y. *see* Iwamoto, S. 13951
Nakazawa, Y. *see* Moride, H. 13949
Nakazawa, Y. *see* Morita, T. 2763
Nakazawa, Y. *see* Wakabayashi, T. 38426
Nakazono, M. *see* Ando, T. 42338
Nake, C., Jaeckle, V., Kilian, K., Machner, H., Turek, P. A liquid hydrogen/deuterium target with very thin windows 31611
Nakhamkin, M., Andersson, L., Schainker, R., Pollak, R., Howard, J., Meyer, R. 110 MW-26 hr CAES plant performance test results and initial reliability indices 33082
Nakhamkin, M., Swensen, E., Abitante, P., Schainker, R., Pollak, R. Technical and economic characteristics of compressed-air energy storage concepts with air humidification 33080
Nakhamkin, M. *see* Cohn, A. 8134
Nakhla, M. *see* Xie, D.H. 26573
Nakhla, M.S. *see* Liu, R.L. 28228
Nakhla, M.S. *see* Manney, S.L. 26613
Nakhla, M.S. *see* Manney, S.L. 29224
Nakhla, M.S. *see* Qi-Jun Zhang 28237
Nakhmanson, G.S. Degradation of moving-target detection efficiencies when broadband properties of received signals are not taken into account 4635
Nakkar, M. *see* Feldman, M.R. 28547
Nakkar, M. *see* Morris, J.E. 3370
Nakladal, A., Sager, K. Influence of humidity and moisture on the stability of piezoresistive sensors 6420
Nakladal, A., Sager, K. Influence of humidity and moisture on the stability of piezoresistive sensors 23533
Nakladal, A., Sager, K. Influence of humidity and moisture on the stability of piezoresistive sensors 23536
Nakos, J.S. *see* Strong, A.W. 35083
Nakra, A.N. *see* Kulkarni, A.K. 16618
Nakwaski, W., Osinski, M. Thermal analysis of GaAs-AlGaAs etched-well surface-emitting double-heterostructure lasers with dielectric mirrors 12191
Nakwaski, W. *see* Sarzala, R.P. 35791
Nakwaski, W. *see* Sarzala, R.P. 35846
Nalamasu, O., Timko, A.G., Cheng, M., Kometani, J., Galvin, M., Heffner, S., Slater, S.G., Blakeney, A.J., Munzel, N., Schulz, R., Holzwarth, H., Mertesdorf, C., Schacht, T. A positive chemically amplified resist for deep-UV lithography 11060
Nalamasu, O. *see* Ohfuji, T. 11066
Nalamasu, O. *see* Ohfuji, T. 27945
Nalamasu, O. *see* Reichmanis, E. 42809
Nalbandian, V. *see* Choon Sae Lee 4275
Nalesso, G.F. *see* Aceves, A.B. 36305
Naletov, V.V. *see* Ganefeld, R.W. 25728
Nalezinski, M. *see* Weigel, R. 1484
Nalivaiko, V.I. *see* Kamenev, N.N. 28491
Nallanathan, A., Fitzgerald, W.J. Bayesian model selection applied to spatial signal processing 36710
Nallino, M., Digout, R., Deleuze, G., Brizoux, M. Plastic encapsulated IC reliability prediction modelling: principal results 448
Nalwa, H.S., Kasai, H., Okada, S., Oikawa, H., Matsuda, H., Kakuta, A., Mukoh, A., Nakanishi, H. Fabrication of organic nanocrystals for electronics and photonics 26391
Nam, B.P. *see* Golovko, Ya.D. 11471
Nam, C.W., Ashok, S., Tsai, W., Day, M.E. An assessment of ECR argon plasma etching damage on Si and SiO_2 interfaces 10964
Nam, C.W., Ashok, S., Tsai, W., Day, M.E. Effects of low-temperature surface cleaning using ECR hydrogen plasma 34744
Nam, D. *see* Sanders, S. 43835
Nam, D.W. *see* Waarts, R.G. 20845
Nam, K.Y. *see* Lee, S.J. 24929
Nam, S.H. *see* Cho, M.H. 6929
Nam Chang Hee *see* Chang Hee Nam
Nam Jae Yeal *see* Jae Yeal Nam
Nam Kee-Soo *see* Kee-Soo Nam
Nam Ki Young *see* Ki Young Nam
Nam Kim Qualitative analysis of bleached holographic diffraction grating in silver-halide emulsions 29028
Nam Kim Kwang *see* Kwang Nam Kim
Nam Lim Kyu *see* Kyu Nam Lim
Nam Oh Young *see* Young Nam Oh
Nam Quoc Ngo *see* Le Nguyen Binh 43399
Nam Sae-Kyu *see* Sae-Kyu Nam
Nam Soo Joo *see* Sung Jin Song 26554
Namaroff, M. *see* McLane, G. 10900
Namavar, F., Buchanan, B., Kalkhoran, N.M. On the formation of ultrathin SIMOX structures by low energy implantation 10883
Namavar, F., Kalkhoran, N.M., Claverie, A., Liliental-Weber, Z., Weber, E.R., Sekula-Moise,

P.A., Vernon, S., Haven, V. Lateral and vertical isolation by arsenic implantation into MOCVD-grown GaAs layers 34675
Namavar, F., Pinizzotto, R.F., Yang, H., Kalkhoran, N., Maruska, P. Silicon nanostructures in Si-based light-emitting devices 20558
Namavar, F. *see* Claverie, A. 19517
Namavar, F. *see* Kalkhoran, N.M. 3360
Namavar, F. *see* Kalkhoran, N.M. 20516
Namavar, F. *see* Kalkhoran, N.M. 43642
Namavar, F. *see* Liliental-Weber, Z. 27626
Namavar, F. *see* Maruska, H.P. 11878
Namavar, F. *see* Zuoya, Y. 11642
Namazi, N.M. *see* Shaltaf, S. 21984
Namazov, S.A. *see* Alebastrov, V.A. 39388
Namba, A. *see* Tsubouchi, K. 14325
Namba, K. *see* Nishikawa, K. 27693
Namba, S. *see* Hamada, H. 45238
Namba, S. *see* Hamada, H. 46226
Namba, S. *see* Naemura, M. 6255
Nambiar, R., Mars, P. Genetic and annealing approaches to adaptive digital filtering 29610
Namboothiri, V.N.Narayanan *see* Narayanan Namboothiri, V.N.
Nambu, H. *see* Ohhata, K. 1238
Nambu, H. *see* Ohhata, K. 10171
Nambu, H. *see* Ohhata, K. 18731
Nambu, H. *see* Tamba, N. 34046
Nambu, K. *see* Ichihara, T. 15750
Nambu, Y. *see* Yokoyama, H. 3710
Namegaya, T., Katsumi, R., Iwai, N., Namiki, S., Kasukawa, A., Kiratani, Y., Kikuta, T. 1.48 μm high-power GaInAsP-InP graded-index separate-confinement-heterostructure multiple-quantum-well laser diodes 12184
Namegaya, T. *see* Fukushima, T. 12107
Namegaya, T. *see* Fukushima, T. 20797
Namegaya, T. *see* Fukushima, T. 28860
Namegaya, T. *see* Kasukawa, A. 12106
Namegaya, T. *see* Kasukawa, A. 35881
Namegaya, T. *see* Kasukawa, A. 35896
Namegaya, T. *see* Matsumoto, N. 35898
Namenson, A., Myers, D. One hundred percent abrupt failure between two radiation levels in step-stress testing of electronic parts 33441
Namenson, A. *see* Henderson, L. 39242
Namihira, Y. Relationship between nonlinear effective area and modefield diameter for dispersion shifted fibres 35325
Namihira, Y., Kawazawa, T. Polarization mode dispersion measurements in long haul optical fiber submarine cable systems using optical amplifier repeaters 5874
Namihira, Y., Kawazawa, T., Taga, H. Polarisation effects on BER degradation at 10 Gbit/s in an IM-DD, 1520 km optical amplifier system 5888
Namihira, Y., Nakajima, K., Kawazawa, T. Fully automated interferometric PMD measurements for active EDFA, fibre optic components and optical fibres 2964
Namikawa, M. *see* Tanaka, Y. 11468
Namikawa, T. *see* Kawai, N. 35226
Namikawa, T. *see* Tomida, K. 17332
Namikawa, T. *see* Tomita, N. 17376
Namikawa, Y. *see* Takizawa, K. 3217
Namiki, J., Shibutani, M., Domon, W., Kanai, T., Emura, K. Optical feeder basic system design for microcellular mobile radio 14654
Namiki, J. *see* Shibutani, M. 5772
Namiki, J. *see* Shiozawa, T. 6079
Namiki, S. *see* Namegaya, T. 12184
Namiki, S. *see* Ohkubo, M. 12185
Namito, Y. *see* Ban, S. 47021
Namizaki, H. *see* Sugawara, T. 6690
Namjoshi, K.V., Biringer, P.P. Analytical method for the estimation of no-load properties of cross-field heating systems with periodic arrays 48477
Namjoshi, K.V., Lavers, J.D., Biringer, P.P. Eddy current power loss in structural steel due to cables carrying current in a perpendicular direction 44238
Namjunas, A. *see* Brazis, R. 42372
Namkung, J.S., Aude, C.W., Lavarias, A.C., Rogowski, R.S., Hoke, M.L. Fiber optic distributed temperature sensor using Raman backscattering 6545
Namkung, M., Wincheski, B., Fulton, J.P., DeNale, R. AC magnetic field frequency dependence of magnetoacoustic emission 9850
Namkung, M. *see* Wincheski, B. 9846
Namkung, S., Todesco, M. Automatic blocking valve system on 138 kV forced cooled pipe type cables 32430
Namkung, W., Ko, I., Cho, M., Bak, J., Ryu, C., Won, S., Zhou, S., Liu, D. Installation and commissioning of PLS preinjector linac 15293
Namkung, W., Ko, I., Cho, M., Bak, J., Ryu, J., Won, S., Lee, T.N. Status of PLS 2 GeV linear accelerator 15292
Namkung, W. *see* Cho, M.H. 6929
Namkung Min *see* Min Namkung
Namkyoo Park *see* Jianhui Zhou 35892
Nammori, T., Nunoi, T. Advances in silicon solar cells 25678
Nampoori, V.P.N. *see* Philip, A. 21080
Namura, M. *see* Morikawa, T. 25232
Nan Chern Horng *see* Horng Nan Chern
Nan Jiang Wei *see* Wei Nan Jiang
Nan Lin I *see* I Nan Lin
Nan Zhang *see* Zhang Nan
Nan Zhiyuan, Jintao Ma, Jing Jishen, Tang Xiaomin Decentralized adaptive load frequency control for a large scale power system 24801
Nan-Cheng Chen *see* Kin-Lu Wong 36379
Nan-Chi Chou, Chung-Kuan Cheng Optimal test size and efficient probe scheduling for substrate verification using two-probe testers 17867
Nan-Chi Chou *see* Carragher, R. 17870
Nan-Chi Chou *see* So-Zen Yao 26206
Nanba, E. *see* Miyatake, M. 31053
Nanba, M. *see* Ichikawa, S. 47747
Nanba, M. *see* Yamagishi, T. 30980
Nanbu, Y., Takayama, K., Tateiber, M. The condition for the distribution of many dielectric spheres to be random for coherent fields [EM scattering] 12553
Nanbu, Y. *see* Tateiba, M. 21200
Nanbu, Y. *see* Tateiba, M. 21224
Nanda, A.K. *see* Chittipeddi, S. 2244
Nanda, A.K. *see* Roy, P.K. 11232
Nanda, A.K. *see* Roy, P.K. 19430
Nanda, J., Hari, L., Kothari, M.L. Economic emission load dispatch with line flow constraints using a classical technique 32213
Nanda, J. *see* Kothari, M.L. 7841
Nanda, S. Teletraffic models for urban and suburban microcells: cell sizes and handoff rates 22851
Nanda, S. *see* Blomqvist, I. 38934
Nanda, S. *see* Chuah, M.C. 45809
Nandagawe, J.K., Patil, P.K., Bote, P.R., Lawangar-Pawar, R.D. Electroluminescence in Mn doped (Zn, Cd)S phosphors 3324
Nandagopal, D. *see* Selvanayagam, A.J. 30938
Nandakumar, V.N., Nandi, S., Maruti, M., Hegde, R.K., Ramamoorty, M. Novel field oriented control of separately excited synchronous motor 8338
Nandakumar, V.N., Yadukumar, K., Sureshkumar, T., Ragupathi, S., Hegde, R.K. A wind driven self-excited induction generator with terminal voltage controller and protection circuits 16729
Nandhakumar, N. *see* Michel, J. 22241
Nandi, A.K. On the robust estimation of cumulants 4713
Nandi, A.K. Robust estimation of third-order cumulants in applications of higher-order statistics 21794
Nandi, A.K., Mehlan, R. Phase reconstruction of autoregressive processes using third order cumulants 13420
Nandi, A.K., Moe, J.P. Texture classification and image segmentation using bicumulants and fractals 13789
Nandi, D. *see* Pal, P. 38737
Nandi, M. *see* Sarkar, B.C. 10103
Nandi, R. *see* Pal, D. 34190
Nandi, S., Vamsi, B., Chakraborty, S., Pal Chaudhuri, P. Cellular automata as a BIST structure for testing CMOS circuits 33968
Nandi, S., Vamsi, B., Pal Chaudhuri, P. A CAD tool for design of on-chip store and generate scheme 41822
Nandi, S. *see* Nandakumar, V.N. 8338
Nandini, R. *see* Venkatesh, Y.V. 4932
Nandjee *see* Bellon 39998
Nandjee, F. *see* Caruana, L. 39995
Nandkumar, S. *see* Hansen, J.H.L. 14313
Nandoh, K. *see* Mutoh, N. 40513
Nandy, S.K. *see* Ghosh, D. 41814
Nandy, S.K. *see* Ghosh, D. 41815
Nandy, S.K. *see* Giri, A. 42061
Nandy, S.K. *see* Rathna, G.N. 42060
Nango, N. *see* Ogawa, T. 905
Nanii, O.E., Paleev, M.R. Relaxation oscillations in solid-state ring lasers with arbitrary mode polarizations 3527
Nanii, O.E., Paleev, M.R. Two-frequency solid-state lasers with intracavity second-harmonic generation 12058
Nanii, O.E., Selunskii, A.B. Nonreciprocal effects and frequency multistability in a solid-state laser with external lighting 35731
Nanii, O.E. *see* Golovnin, I.V. 28910
Nanii, O.E. *see* Zagumennyi, A.I. 35748
Nanishi, Y. *see* Kondo, N. 26449
Naniwae, K. *see* Kimura, A. 20803
Nanjo, F. *see* Kato, A. 17286
Nanjo, F. *see* Miyamoto, H. 17361
Nanjo, J., Kawahara, T., Kamal Abu Hena Mostafa, Nomura, S., Kitamura, N. Composition analysis of anodic SiO_2/Si interface region using the XPS method 19477
Nanming Chen *see* Tsung-Ying Lee 32222
Nannichi, Y. *see* Sugiyama, M. 10911
Nanning Zheng *see* Zheng Nanning
Nanseng Jeng *see* Dunham, S.T. 46569
Nantel, M., Kieffer, J.C., La Fontaine, B., Pepin, H., Enright, G.D., Villeneuve, D.M., Dunn, J., Baldis, H.A., Peyrusse, O. Dynamics of Ne-like populations in the germanium X-ray laser 11914
Nantista, C. *see* Kroll, N.M. 15668
Nantista, C. *see* Ruth, R.D. 46776
Nantz, K.S., Wilkins, M.L. A comparison of the role of electronic networking in the teaching, research, and service activities of the academic colleges at a midwestern university 30357
Nanxin Song *see* Song Nanxin
Nanzhi Zhu *see* Zhu Nanzhi
Nanzhi Zou, Chen, Q., Willander, M. Effect of scattering on the resonant-tunneling current in double-barrier structures 34903
Nanzhula, V.G. *see* Isakov, A.B. 9939
Naoe, N. *see* Shibata, F. 8319
Naoe, Y. *see* Okumura, N. 23336
Naoi, K. *see* Yamamura, H. 48322
Naoi, S., Komeichi, M., Ohta, Y., Ozaki, T., Sasaki, S., Gotoh, T., Yoshida, M. IDATEN: a reconfigurable video-rate color image processing system 4945
Naor, M., Orlitsky, A. Three results on interactive communication 36453
Naor, M., Ostrovsky, R., Venkatesan, R., Yung, M. Perfect zero-knowledge arguments for NP can be based on general complexity assumptions 21535
Naor, M. *see* Dwork, C. 22483
Naor, M. *see* Megiddo, N. 4646
Napartovich, A.P. *see* Berdyshev, A.V. 43737
Napartovich, A.P. *see* Elkin, N.N. 44024
Napartovich, A.P. *see* Elkin, N.N. 44025
Napieralski, A., Grecki, M. Optimal design of power bipolar transistor 2482
Napieralski, A. *see* Grecki, M. 2592
Napieralski, A. *see* Noullet, J.L. 1315
Napoli, A.D. *see* Caricchi, F. 16743
Napoli, D.R. *see* Signorini, C. 31799
Napoli, R. Planning of electric power systems 32370
Napolitano, L.M., Jr., Daily, M.R., Meeks, E., Miller, D., Norwood, D.P., Peterson, D.W., Reber, C.A., Robles, J.E., Worobey, W. Development of a power electronics multichip module on synthetic diamond substrates 328
Napolitano, L.M., Jr., Meeks, E., Robles, J.E., Daily, M.R., Miller, D., Norwood, D.P., Peterson, D.W., Reber, C.A., Worobey, W., Johnson, D. Development of a power electronics multichip module on synthetic diamond substrates 9937
Napper, S.A., Hale, P.N., Jr. Teaching of ethics in biomedical engineering 38949
Nappi, E. *see* Bachler, J. 46915
Nappi, E. *see* Bachler, J. 46934
Nappi, E. *see* Baechler, J. 46909
Nappi, E. *see* Braem, A. 46902
Nappi, E. *see* Di Mauro, A. 46917
Nappi, E. *see* DiMauro, A. 31744
Nappi, E. *see* DiMauro, A. 46939
Nappi, J., Ovtchinnikov, A., Savolainen, P., Zhang, G., Asonen, H. Stable, high power operation of Al-free pump lasers (λ=0.98 μm) for erbium-doped fiber amplifier 35897
Nappi, J. *see* Guodong Zhang 35880
Nappi, J. *see* Pessa, M. 12242
Nappi, J. *see* Zhang, G. 12128
Nappi, J. *see* Zhang, G. 12187
Nappi, J. *see* Zhang, G. 33621
Nappi, M., Vitale, A., Vitulano, S. An automatic system for the analysis of mammographies 15833
Nappi, M., Vitulano, S. A model of visual perception for the analysis and classification of dysplasiae and neoplasiae from mammographies 24247
Nappi, M. *see* Ruberto, C.Di. 5028
Naqvi, A.A. *see* Aksoy, A. 31674
Naqvi, H. *see* Gregus, J.A. 29060
Naqvi, S.S.H. *see* Farrer, S.W. 30786
Naqvi, S.S.H. *see* Krukar, R.H. 2147
Naqvi, S.S.H. *see* Krukar, R.H. 6780
Naqvi, S.S.H. *see* Milner, L.M. 2291
Nara, A. *see* Ajioka, T. 34621
Nara, K., Kitagawa, M. Distribution systems copper and iron loss minimization by genetic algorithm 24913
Nara, M. *see* Tanaka, T. 38532
Nara, S. *see* Tokuda, Y. 11682
Nara, Y. *see* Sato, A. 18721
Narabu, T. *see* Kawamoto, S. 23718
Naraghi, M. *see* Dutt, R.B. 12549
Naraghi-Pour, M. Trellis codes for 4-ary continuous phase frequency shift keying 21617
Naraghi-Pour, M., Hegde, M., Arora, N. DPCM encoding of regenerative composite processes 44705
Naraghi-Pour, M. *see* El-Amawy, A. 26786
Narahara, H., Saito, K. Study on the solidified depth parameters capable of quantitative comparison of photopolymers for three dimensional photofabrication 33766
Narahara, T., Kamatani, Y., Nakao, T., Kumai, S., Ozue, T. A new tracking method for helical scanning optical tape recorder 20285
Narain, P., Saab, D.G., Kunda, R.P., Abraham, J.A. A high-level approach to test generation 18550
Narain, R. Radio paging concepts & system 37882
Narain, R. *see* Sharma, R. 2348
Naraine, P. *see* Luscombe, A.P. 32073
Naranan, S., Balasubrahmanyan, V.K. Information theoretic model for frequency distribution of words and speech sounds (phonemes) in language 36593
Narasimha, M.S. *see* Westall, J.M. 4818
Narasimha Murty, M. *see* Phanendra Babu, G. 45102

Narasimha Sarma, N.V.S. *see* Das, B.N. 12621
Narasimhan, I. *see* Dorai, V.S. 16624
Narasimhan, M.S., Jayakumar, I. Corrugated pyramidal horns with improved *E*-plane radiation patterns 29299
Narasimhan, M.S., Srihari Rao, R., Jayakumar, I. Determination of excitation voltages of a slotted waveguide array 36417
Narasimhan, S. Locating concentrators in a computer network with multiple coverage for terminals 30390
Narasimhan, S. *see* Chakrabarti, D. 32596
Narasimhan, S. *see* Pirkul, H. 45528
Narasingam, A. Design of a new spray cooling system for Indian MHD pilot plant 25819
Narathong, C., Staab, J., Geiger, S. An analysis and design of an optimal programmable analog CMOS synapse 18945
Narayan, J. *see* Chowdhury, R. 33636
Narayan, J. *see* Zheleva, T. 26430
Narayan, K. Clock system design for high speed integrated circuits 27028
Narayan, P.B., Herrera, S.C. Permalloy plating imperfections—effect of contamination 11489
Narayan, S., Tagliarini, G.A., Page, E.W. Accelerating learning in a neural network for sonar signal classification 30933
Narayan, S. *see* Rao, S.K. 26999
Narayan, S.Y. *see* Abeles, J.H. 20863
Narayan, V., MacFarlane, D.L. Bursts and codes of ultrashort pulses 43751
Narayan Bhat, U. *see* Subba Rao, S. 26269
Narayana, M.V. *see* Somaiah, K. 43755
Narayana, P.A.A. *see* Swamy, N.V.C. 25286
Narayana Dutt, D. *see* Pradhan, N. 7441
Narayana Dutt, D. *see* Pradhan, N. 47095
Narayana Rao, V. Self-reliance in microwave technology in India 27118
Narayanan, A. *see* Ng, W. 43687
Narayanan, C., Buckman, A.B., Busch-Vishniac, I., Becker, M.F., Bene, R.W., Walser, R.M. Frequency-multiplexed multiple beam optical position detector using phase detection 6461
Narayanan, E.M.Sankara *see* Sankara Narayanan, E.M.
Narayanan, M. Artificial intelligence in manufacturing 27381
Narayanan, M. Instrumentation and industrial design 40912
Narayanan, R.M. First order exponential approximations for small arguments 44192
Narayanan, R.M., Doerr, D.W., Rundquist, D.C. Power spectrum of wind-influenced vegetation backscatter at X-band 46090
Narayanan, S., Bodner, D.A., Sreekanth, U., Dilley, S.J., Govindaraj, T., McGinnis, L.F., Mitchell, C.M. Object-oriented simulation to support operator decision making in semiconductor manufacturing 17820
Narayanan, S., Gupta, R., Breuer, M. Configuring multiple scan chains for minimum test time 26768
Narayanan, S., Lilly, G.R. On the accuracy of XBT temperature profiles 39395
Narayanan, S., Njinda, C., Breuer, M. Optimal sequencing of scan registers 1164
Narayanan, S., Wohlgemuth, J. Cost-benefit analysis of high-efficiency cast polycrystalline silicon solar cell sequences 48121
Narayanan, S. *see* Halpert, G. 32998
Narayanan, S.A. *see* Mouroulis, P. 3032
Narayanan, S.A. *see* Mouroulis, P. 46468
Narayanan, S.R. *see* Shen, D.H. 17247
Narayanan, S.R. *see* Surampudi, S. 33014
Narayanan Namboothiri, V.N. *see* Shunmugam, M.S. 38684
Narayandass, S.K., Kannan, M.D., Balasubramanian, C., Mangalaraj, D. Dielectric and breakdown studies on Nd_2O_3 and NdF_3 thin films 43151
Narayandass, S.K. *see* Kannan, M.D. 42595
Narayankhedkar, K.G. *see* Gaunekar, A.S. 24412
Narbonne, Y. *see* Coupat, J.M. 31108
Narbut, V.P. *see* Zagoruiko, V.V. 19085
Narciss, H. *see* Balewski, K. 46775
Nardo, L., Chataux, F., Collet, J.H., Iehl, J.L., Pugnet, M., Brugel, N. All-optical parallel inversion on $Cd_{0.96}Zn_{0.04}Te$ platelets 3263
Nardo, L. *see* Brugel, N. 3789
Nardo, L. *see* Gouaichault-Brugel, N. 35988
Nardoni, A. *see* Casiraghi, U. 14438
Narendra, K.G., Chandrasekharaiah, H.S. Electric pollution studies in mesh type MTDC system using neural network 16123
Narendra, K.G., Chandrasekharaiah, H.S. Performance evaluation of harmonic filters connected to the AC bus of a four terminal DC system using Hopfield neural network 32191
Narendra, K.G. *see* Jayakrishna, R. 24774
Narendra, R. *see* McMullin, J.N. 20345
Narhi, T. Analysis of strongly nonlinear circuits with a frequency-domain method coupled with a consistent large-signal model 1009
Narhi, T., Valtonen, M. Large-signal MESFET model including trapping effects 28202
Nariani, S.R. *see* Jain, V. 18652
Narikiyo, T., Akuta, T., Ohno, N. Compliance control of a differential linear motor 25466
Nariman, H.E. *see* Hornak, L.A. 2657
Nariman, H.E. *see* Tewksbury, S.K. 20578
Nariman, H.E. *see* Tewksbury, S.K. 40930
Narishige, S. *see* Morijiri, M. 2834
Narita, K., Tsutsui, E. Local Area Network 45519
Narita, M., Sugimura, T. Impregnated cathode for high-resolution CRT 19313
Narita, N. A consideration on subjective evaluation method for quality of image coding 45131
Narita, S. *see* Okada, T. 41914
Narita, S. *see* Uchiyama, K. 10192
Narita, Y. *see* Yokoyama, H. 10185
Narita, Y. *see* Yokoyama, H. 20015
Naritake, I. *see* Sugibayashi, T. 26919
Naritake, I. *see* Sugibayashi, T. 26954
Naritsuka, Y. *see* Takeda, K. 349
Nariyama, N. *see* Ban, S. 47021
Narjoux, J.L. *see* Benayoun, M. 46871
Narozny, P. *see* Kosslowski, S. 19144
Narozny, P. *see* Leier, H. 27249
Narsaiah, A., Anantakrishnan, T.S., Bairi, B.R., Kumar, P. Distributed radiation data acquisition system for KAPP 16510
Narsaiah, A. *see* Ananthakrishnan, T.S. 16533
Narten, T., Yavagkar, R. Remote memory as a resource in distributed systems 22548
Narui, H. *see* Kobayashi, T. 3642
Narui, M. *see* Szilagyi, P. 8624
Narula, A., Lim, J.S. Error concealment techniques for an all-digital high-definition television system 30977
Narula, R. *see* Boswell, M. 25234
Narula, R.G., West, P.J., Banda, B.M. Single-shaft combined cycle plants: the pros and cons 40017
Narula, R.G. *see* Ugolini, D.J. 8217
Narum, D.H. Schottky field emission based scanning Auger microprobe 27447
Narumi, K., Ohta, T., Ichinose, T. Q value measurements and their polarization dependence of internal-mirror 633 nm HeNe laser cavities 20601
Narumi, K. *see* Fujii, Y. 9605
Narumi, K. *see* Murakami, F. 3714
Narumi, S.-i., Aihara, M., Fukui, H., Sudo, S., Mitsuoka, K., Imagawa, T. Flux propagation of single-layered and six-layered thin film magnetic heads 43310
Naruo, M. *see* Kuruma, S. 43998
Narusawa, T. *see* Yabe, Y. 31357
Narusawa, T. *see* Yoshii, S. 12231
Naruse, M. *see* Suga, Y. 9031
Naruse, Y. Fundamental analysis on quantum interconnections in a 2DEG system 19922
Narushima, T. *see* Kobayashi, T. 3642
Nary, K.R., Bellare, K.G., Long, S.I. A model for coplanar waveguide transmission line structures on semiconductor substrates 36342
Nary, K.R. *see* Lassen, P.S. 10100
Naryzhnaya, V.V., Shokalo, V.M. Macromodel for a rectenna DC power rectifier module 32384
Naryzhnaya, V.V. *see* Luchaninov, A.I. 29356
Nasar, A. *see* Shamsuddin, M. 19343
Nasar, S.A. *see* Boldea, I. 25412
Nasby, B. *see* Bernacki, S. 35199
Nasedkin, A.V. *see* Vatul'yan, A.O. 43222
Naseem, H.A., Meyyappan, I., Prasad, C.S., Brown, W.D. Metallization of diamond substrates for multi-chip module applications 311
Naseem, H.A., Meyyappan, I., Prasad, C.S., Brown, W.D. Au-based metallizations on diamond substrates for multichip module applications 9251
Naseem, S., Iqbal, M., Hussain, K. Optoelectrical and structural properties of evaporated indium oxide thin films 17388
Naseer, A.R., Balakrishnan, M., Kumar, A. FAST: FPGA targeted RTL structure synthesis technique 41785
Naser, J. *see* Ketchel, J. 39761
Naser, W. Operating experiences with the connection of Bewag to the VES network [power system interconnection] 7855
Nash, C. *see* Zmola, C. 4975
Nash, C.A. *see* Berthold, J.W. 31252
Nash, D.C. *see* Levin, L.C. 38202
Nash, F.R. *see* Twu, Y. 3596
Nash, G.J. A methodology for converting linear analogue circuits into logic circuits 10347
Nash, J. *see* Butterworth, J. 38932
Nash, J. *see* Foster, B. 31714
Nash, T.F. *see* Younan, N.H. 23123
Nashed, M.Z., Chen, X. Convergence of Newton-like methods for singular operator equations using outer inverses 26360
Nashempa, K.V. *see* Pshenichnyi, B.N. 9433
Nashid, I. *see* Lo, K.L. 7749
Nashimoto, K., Fork, D.K., Ponce, F.A., Geballe, T.H. Epitaxial growth of ferroelectric thin films on GaAs with MgO buffer layers by pulsed laser deposition 9662
Nashiyama, I., Hirao, T., Kamiya, T., Yutoh, H., Nishijima, T., Sekiguti, H. Single-event current transients induced by high energy ion microbeams 34902
Nashiyama, I. *see* Yoshikawa, M. 19454
Nashman, M. *see* Schneiderman, H. 30050
Nasi, L. *see* Salviati, G. 693
Nasibov, N.A. *see* Izmailov, A.M. 18526
Nasipuri, M. *see* Kundu, M. 31960
Nasledyshev, Yu.K. *see* Skorynin, Yu.V. 38382
Nason, D. *see* George, M.A. 10755
Nasrabadi, N.M., Mohsenian, N., Hon-Tung Mak, Rizvi, S.A. Next-state functions for finite-state vector quantization 30077
Nasrabadi, N.M. *see* Li, W. 22140
Nasrabadi, N.M. *see* Rizvi, S.A. 36968
Nasrallah, M.M. *see* Carter, J.D. 17344
Nasrallah, M.M. *see* Chen, C.C. 17273
Nasrallah, M.M. *see* Chen, C.C. 17370
Nasrallah, M.M. *see* Tai, L.-W. 17272
Nass, P.A. *see* Cianfarani, C. 31731
Nass, R. DSP board combines multiple peripherals 5307
Nass, R. Lasers light the way for MO drives 28439
Nassar, C.R., Soleymani, M.R. Codebook design for trellis quantization using simulated annealing 44676
Nassef, M.A. Computer simulation and design of non-linear microstrip 2.5 to 5 GHz frequency doubler 19103
Nassef, M.A., Fares, D.A. Computer simulation and design of nonlinear microstrip 14.25 GHz amplifier 10506
Nassef, M.A. *see* Abdallah, E.A. 10507
Nasser, A.A.A., Hosny, E.E., Sobhy, M.I. Maximum dynamic range of bifurcation of Chua's circuit 996
Nasser Ezzat, M. Hydropower potential in Nile Basin countries 25106
Nasshan, M. *see* Blanz, J. 45837
Nasshan, M. *see* Jung, P. 29438
Nasshan, M. *see* Jung, P. 37837
Nassibian, A.G. *see* Nener, B.D. 23869
Nassisi, V. Electron generation from a metal target induced by an XeCl laser 38813
Nassisi, V., Pecoraro, A. Stimulated Brillouin and Raman scattering for the generation of short excimer laser pulses 28710
Nassisi, V., Perrone, M.R. Application of a phase conjugate Brillouin cavity for the generation of a train of short laser pulses 12369
Nasta, M. *see* de Vries, M.J. 3069
Nastar, C., Ayache, N. Non-rigid motion analysis in medical images: a physically based approach 39020
Nastaushev, J.V. *see* Bykov, A.A. 43617
Nastaushev, Yu.V. *see* Bykov, A.A. 19405
Nastran, J. *see* Ambrozic, V. 16862
Nastran, J. *see* Voncina, D. 17092
Nasu, H. Preparation, properties and new applications of third-order nonlinear-optic semiconductor-doped glasses 28967
Nasu, Y. *see* Masui, T. 36833
Nasuda, T. *see* Hiroki, F. 9824
Nasyrov, A.M. *see* Alebastrov, V.A. 39388
Nasyrov, A.R., Sadchikov, V.V. Doppler ranging of minor vehicles moving in a dust cloud 44187
Nasyrov, V.G. *see* Evtushenko, O.I. 21368
Natale, C.Di *see* Di Natale, C.
Natale, F.G.B.De *see* De Natale, F.G.B.
Natale, P.de *see* de Natale, P.
Natalenko, P.P. *see* Naumenko, N.I. 12795
Natali, S. *see* Abbrescia, M. 7270
Natani, S. *see* Yamamura, T. 25356
Natani, S. *see* Yoshikawa, K. 25353
Natansohn, A. *see* Rochon, P. 20242
Nataochi, Y. *see* Kuroda, H. 13492
Natarajan, A. *see* Thakor, N.V. 24282
Natarajan, B.K. Filtering random noise via data compression 4607
Natarajan, B.K. *see* Bhaskaran, V. 4839
Natarajan, B.K. *see* Carlson, R.E. 33506
Natarajan, C., Sharon, M., Levy-Clement, C., Neumann-Spallart, M. Electrodeposition of zinc selenide 33687
Natarajan, K. *see* Dixit, P.C. 16504
Natarajan, K. *see* Frosch-Wilke, D. 37105
Natarajan, K. *see* Pithawa, C.K. 8115
Natarajan, L.V. *see* Sutherland, R.L. 35507
Natarajan, N. *see* Anderson, E.C. 30305
Natarajan, N. *see* Rubin, H. 37343
Natarajan, N.V. *see* Dasiga, S. 8187
Natarajan, S., Sahu, D., Dasgupta, S. nOHM—a multi-process device synthesis tool for lateral DMOS structures 43127
Natarajan, S. *see* Chen, R.T. 43778
Natarajan, S. *see* Davari, S. 5547
Nateri, G. *see* Costa, A. 1240
Nath, D., Das, B., Deb, M.J., Mazumdar, G.K.D., Pathak, K.M. A setup for determination of EAS parameters 24063
Nath, S. *see* Wincheski, B. 26539
Nath Ram *see* Ram Nath
Nathan, A. Bias dependence of low-frequency noise and noise correlations in lateral bipolar transistors 19765
Nathan, A., Bhatnagar, Y., Vadekar, A., Huang, W. Fabrication of a silicon Mach-Zehnder interferometer for mechanical measurands 6458
Nathan, A. *see* Manku, T. 19356
Nathan, A. *see* Vadekar, A. 35464
Nathan, M. *see* Ashkinazi, G. 9570
Nathan, M. *see* Ashkinazi, G. 11136
Nathan, M. *see* Ashkinazi, G. 19747
Nathan, M. *see* Ashkinazi, G. 42844
Nathan, M. *see* Ben-Shalom, A. 9767
Nathan, M.I. *see* Cantile, M. 34893
Nathan, R.H. Control strategies in FNS systems for the upper extremities 39098

Nathan, V., Das, N.C. Gate-induced drain leakage current in MOS devices 11206
Nathan, V. *see* Das, N.C. 19874
Nathaniel, T.Newton *see* Newton Nathaniel, T.
Nathanson, F., Cassaday, W., Barnes, C., Tuley, M., Wiliamson, F., Moore, L. Airborne clutter measurements 23175
Nathasingh, D.M. *see* Smith, C.H. 7285
Nathel, H., Sennaroglu, A., Pollock, C.R. Sub-50 femtosecond high-peak power pulses from a regeneratively initiated self-sustained continuous-wave mode-locked chromium-doped forsterite laser 20702
Nathel, H. *see* Sennaroglu, A. 43781
Nather, H., Jourdan, W. Multi-standard image sequence storage—Digital Video Silicon Recorder DVSR 1000 and Viewstore VS 5000 38340
Nation, J.A. *see* Davis, T.J. 1797
Nation, J.A. *see* Kuang, E. 1807
Nation, J.A. *see* Schachter, L. 1808
Nation, J.A. *see* Schachter, L. 4184
Natkhin, I.I. *see* Babichev, R.K. 11504
Natkhin, I.I. *see* Babichev, R.K. 11505
Natkhin, I.I. *see* Babichev, R.K. 43329
Natoli, J.Y. *see* Chevrier, J. 19368
Natori, I. *see* Ino, K. 42691
Natori, K. Current-voltage characteristics of silicon on insulator metal oxide semiconductor field effect transistors in ballistic mode 42918
Natori, K., Fujiwara, N., Yasuda, H., Nishiyama, K. Development of a battery for the 'IZA' high-performance electric vehicle 48227
Natori, K. *see* Ashikaga, T. 48225
Natori, K. *see* Ishitani, H. 48228
Natori, K. *see* Kaya, Y. 48223
Natori, K. *see* Sakurai, T. 48190
Natori, K. *see* Shimizu, H. 48224
Natori, K. *see* Terashima, M. 40602
Natori, N. *see* Tamada, N. 15249
Natori, T. *see* Usami, A. 10767
Natowicz, R., Alves de Barros, M., Akil, M., Bosio, F. Real time segmentation of image sequences by self-organizing feature map: method and reconfigurable architecture 45088
Natrajan, A.A. *see* Shukla, A.K. 16937
Natrajan, A.A. *see* Siddappa Naidu, K. 16934
Natsume, A. *see* Yoshie, N. 37282
Natsume, K.-I. *see* Uehara, K. 12770
Natzke, J.R., Ishii, T.K. Electric fields of an H-plane tapered iris 21344
Natzke, J.R., Volakis, J.L. Characterization of a resistive half plane over a resistive sheet 21209
Nau, G.M., Sudarshanam, V.S., Claus, R.O. Static strain sensitivity optimization of fiber optic extrinsic Fabry-Perot interferometric strain gage 23667
Nau, R.W. *see* Xu Haishui 5180
Naughton, J.F. *see* Voon-Fee Yong 45539
Naumann, F. *see* Lange, P. 19593
Naumann, S.T. *see* Carlson, D.R. 32348
Naumann, T. *see* Henschel, H. 15623
Naumenko, K.P. *see* Katok, V.B. 14586
Naumenko, N.I., Natalenko, P.P., Erko, A.A. Synthesis of phase discriminator that is optimal in the class of additive non-Gaussian interference 12795
Naummi, G. *see* Legnani, M. 16967
Naumov, A.D., Rybakov, I.V., Zhivlyuk, M.Yu. Collection, processing, and transmission of hydrometeorological data via telecommunication lines based on personal computers 32096
Naumov, S.P. *see* Grigor'ev, V.R. 28562
Naumova, I.I. *see* Gol'tser, I.V. 12418
Naumovets, A.A. *see* Tkhorik, Yu.A. 19439
Naunin, D. The current status of introducing electric vehicles into urban areas in Germany 48194
Naunin, D. Electric supply stations and their infrastructure in cities 48291
Naunin, D., Karaali, C. Cascaded position control for an intelligent synchronous servodrive using fuzzy logic 8865
Nauwelaers, B. *see* An, H. 4281
Nauwelaers, B. *see* An, H. 29308
Nauwelaers, B.K.J.C. *see* Hongming An 44601
Nava, F. *see* Alietti, M. 31671
Nava, F. *see* Beaumont, S.P. 15637
Nava, F. *see* Nobili, C. 2261
Nava, M.Diaz *see* Diaz Nava, M.
Nava, P. *see* Casiraghi, U. 14406
Nava, P. *see* Mangiamele, E. 14434
Navabi, Z. Using VHDL for modeling and design of processing units 18810
Navabi, Z., Cooray, N., Liyanage, R. Using VHDL in parallel fault simulation 18573
Navabi, Z., Hashemi, A., Eghtesad, M., Vai, M. Modeling timing behavior of logic circuits using piecewise linear models 1179
Navabi, Z. *see* Liyanage, R. 26562
Navach, F. *see* Beker, H. 7152
Navarra, P. *see* Di Barba, P. 47919
Navarre, D. *see* Bouguila, N. 4010
Navarria, F.L. *see* Benvenuti, A. 7252
Navarria, F.L., Pelfer, P.G. *(editors)* 4th San Miniato Topical Seminar The Standard Model and Just Beyond 42
Navarro, A. *see* Baquero, M. 29278
Navarro, E. *see* Roldan, C. 31727
Navarro, E.A., Gallart, L., Cruz, J.L., Gimeno, B., Such, V. Accurate absorbing boundary conditions for the FDTD analysis of H-plane waveguide discontinuities 36310
Navarro, E.A., Such, V., Cruz, J.L., Gimeno, B. Analysis of rectangular waveguides with a rectangular metal insert using a finite difference time domain formulation 44506
Navarro, E.A., Such, V., Gimeno, B., Cruz, J.L. T-junctions in square coaxial waveguide: a FD-TD approach 42168
Navarro, J. *see* Padin, S. 14742
Navarro, J.A., Chang, K. Varactor-tunable uniplanar ring resonators 1472
Navarro, J.A., Lu Fan, Kai Chang Active inverted stripline circular patch antennas for spatial power combining 36440
Navarro, M. *see* Aguilera, S. 11850
Navarro, M. *see* Lopez-Villegas, J.M. 27705
Navarro, M.T. *see* Fimia, A. 44152
Navarro, R. *see* Camon, A. 6277
Navarro, R. *see* Cristobal, G. 36973
Navarro Sanchez, H. *see* Allan, R.N. 39540
Navarro-Adlemo, R. A state-space model for multiphase transmission lines 36293
Navasquillo, J. *see* Gimeno, B. 12574
Nave, G., Cohen, A. ECG compression using long-term prediction 31921
Nave, M.J. Common omissions in EMC design 4149
Nawab, H. *see* Klassner, F. 29717
Nawab, H. *see* Lesser, V. 44904
Nawab, S.H., Beyerbach, D.M., Dorken, E. Principal decomposition of time-frequency distributions 21722
Nawaz, M., Olsen, B.T., Macilvaney, K. High-speed modulation of GaAs/AlGaAs multiple-quantum-well (MQW) asymmetric Fabry-Perot (ASFP) reflection modulator 28519
Nawaz, M., Olsen, B.T., McIlvaney, K. High speed response of GaAs/AlGaAs multiple quantum well asymmetric Fabry-Perot reflection modulator 3182
Nawaz, M., Olsen, B.T., McIlvaney, K. High speed response of GaAs/AlGaAs multiple quantum well asymmetric Fabry Perot reflection modulator 28520
Nawghare, P.M., Srinivasa Rao, K. An on line arrhythmia detection and high speed data acquisition system for multi-patient ECG 47084
Nawrath, G. *see* Balewski, K. 46775
Nawrocky, R. *see* Murphy, J.B. 7125
Nawrowski, R., Skowronek, K. The deformations of currents and voltages in period-linear systems by probabilistic conditions 33894
Nayak, A., Pagli, L., Santoro, N. Efficient construction of catastrophic patterns for VLSI reconfigurable arrays 1269
Nayak, A.R. *see* Das, S.R. 41836
Nayak, D.K., Woo, J.C.S., Yabiku, G.K., MacWilliams, K.P., Park, J.S., Wang, K.L. High-mobility GeSi PMOS on SIMOX 19839
Nayak, D.K. *see* Shiraki, Y. 19399
Nayak, K.D. *see* Singh, V. 27279
Nayak, M.M., Gunasekaran, N., Muthunayagam, A.E., Rajanna, K., Mohan, S. Diaphragm-type sputtered platinum thin film strain gauge pressure transducer 23554
Nayak, M.S., Dwivedi, R., Srivastava, S.K. Sensitivity and response times of doped tin oxide integrated gas sensors 46533
Nayak, O., Gole, A.M. AC and DC system dynamic interaction with synchronous and static VAr compensator at the HVDC inverter bus 7920
Nayar, B.K., Finlayson, N., Doran, N.J. Concatenated all-optical loop mirror switches 20451
Nayar, C.V., Fehr, R.R., Perahia, J., Thomas, F.P., Vasu, E. Constant torque closed loop rotor resistance controller for DC dynamic braking of a wound rotor induction motor 32851
Nayar, C.V. *see* Chakravarthy, S.K. 8475
Nayar, C.V. *see* Perahia, J. 8373
Nayar, S.K., Bolle, R.M. Computing reflectance ratios from an image 4823
Naybour, R.D. Assessment of polyethylene based insulations for wet environments 16345
Naybour, R.D. Testing strategies for water treeing 47516
Nayebi, K., Barnwell, T.P., III The flexible design of compactly supported wavelets 13355
Nayebi, K., Barnwell, T.P., III, Smith, M.J.T. Low delay FIR filter banks: design and evaluation 34175
Nayebi, K., Sodagar, I., Barnwell, T.P., III The wavelet transform and time-varying tiling of the time-frequency plane 13322
Nayer, S.K. *see* Murase, H. 45222
Nayeri, M. A mildly weaker sufficient condition in IIR adaptive filtering 36765
Nayeri, M., Deller, J.R., Liu, M.S. Optimal bounding error algorithms with adaptive tracking capability 21887
Naylor, A. *see* Gray, J. 41937
Naylor, D.L. *see* Pincenti, J.C. 43475
Naylor, G.A. *see* Koprinkov, I.G. 20663
Naylor, J.A., Huang, W.Y., Nguyen, M., Li, K.P. The application of neural networks to wordspotting 29526
Naylor, P. *see* Ait-Sadi, R. 12642
Nayman, P. *see* Dell'Acqua, A. 46998
Nayyar, A.Taneja *see* Taneja Nayyar, A.
Nayyer, J., Hatami-Hanza, H., Safavi-Naeini, S. Optical intersecting waveguide switches with curved electrodes 38090
Nazanian, A.E. *see* Babaian, A.Z. 15398
Nazarathy, M. Integrated networks in CATV transmission and distribution 46242
Nazarenko, Yu.A. *see* Churyumov, G.I. 27428
Nazarian, R.A. *see* Snyder, A.J. 15924
Nazarkin, A.V. *see* Belenov, E.M. 29161
Nazarko, J. *see* Kujszczyk, S. 16273
Nazarov, A.A., Yuryevich, N.M. A study of a random multiaccess ALOHA network protocol without retransmission of distorted messages 37133
Nazarov, N. *see* Berkeliev, A. 38498
Nazarov, N. *see* Berkeliev, A. 42468
Nazarov, N. *see* Bobrov, A.V. 19367
Nazarov, N. *see* Evstropov, V.V. 10717
Nazarov, N. *see* Zhilyaev, Yu.V. 1896
Nazarov, N. *see* Zhilyaev, Yu.V. 9554
Nazarov, N. *see* Zhilyaev, Yu.V. 28605
Nazarov, N. *see* Zhilyaev, Yu.V. 38497
Nazarov, V.N. *see* Korolev, A.E. 12123
Nazarov, V.S. *see* Balashov, S.M. 32588
Nazarri, E. *see* Campestrini, L. 25939
Nazin, A.V. *see* Kerbelev, A.M. 11726
Nazyrova, V.N. Metrological analysis of the algorithm for the finding of systematic errors in measurement facilities 31088
Nche, C., Turkmani, A.M.D., Arowojolu, A.A. Channel sounder for PCN networks 30661
Ndagijimana, F. *see* Sauget, P. 44406
Ndeh-Che, F. *see* Lai, L.L. 16291
Ndeh-Che, F. *see* Swarup, K.S. 47600
Neacsu, D.O., Stoica, A. Fuzzy control for output current of a phase-controlled rectifier 16966
Neagle, B.D. *see* Tai, A.M. 29029
Neagle, J.H. *see* Testi, N. 45626
Neagoe, V. Optimum interpolation for time-limited and band-limited signals 13455
Neagoe, V.-E. A two-dimensional nonuniform sampling expansion model 13232
Neal, J. *see* Jones, C.E. 31632
Neal, J.C. *see* Dantzler, H.L., Jr. 47277
Neale, R. *see* Mann, D. 38605
Neale, R.F. *see* Smith, S.D. *(editor)* 40760
Nealon, M. *see* Omer, A. 374
Near, C.D., Dawson, W.J., Swartz, S.L., Issartel, J.P. Novel methods of powder preparation and ceramic forming for improving reliability of multilayer ceramic actuators 18312
Nease, G. *see* Dagen, A.J. 37808
Neau, E.L. Environmental and industrial applications of pulsed power systems 47993
Neave, J.H. *see* Joyce, B.A. 33615
Neaves, G., White, J., Burnham, M., Zlotnicka, A., Pryor, R. Characterization of low VAR bipolar transistors using a revised SPICE simulator 11184
Neba, Y. *see* Nonaka, S. 17010
Neba, Y. *see* Nonaka, S. 40553
Nebbia, G. *see* Benchekroun, D. 7218
Nebeker, F. Thelma Estrin, biomedical engineer: a pioneer of applied computing 17978
Nebel, A., Fallnich, C., Beigang, R., Wallenstein, R. Noncritically phase-matched continuous-wave mode-locked singly resonant optical parametric oscillator synchronously pumped by a Ti:sapphire laser 20981
Nebel, A. *see* Beigang, R. 29008
Nebel, C.E., Street, R.A. Hall experiments and interpretation in a-Si:H and a-SiC:H 34534
Nebel, C.E., Street, R.A., Jackson, W.B., Johnson, N.M. Kinetics of metastability in doped hydrogenated and amorphous silicon 27500
Nebel, C.E., Street, R.A., Jackson, W.B., Johnson, N.M. Thermodynamic equilibrium kinetics of phosphorus and boron doped a-Si:H 34787
Nebert, P. *see* Eversheim, P.D. 31625
Nebosis, R.S. *see* Gousev, Yu.P. 43355
Nebus, J.-M. *see* Bouysse, P. 46589
Nebus, J.M. *see* Coupat, J.M. 6750
Nebus, J.M. *see* Coupat, J.M. 31108
Nebus, J.M. *see* Duvanaud, C. 1515
Necas, J. *see* Matejcik, S. 10925
Necci, R.P. Steam generator replacement project 32610
Nechaeva, L.P. *see* Belov, A.S. 31627
Nechayev, V.G. *see* Budilovich, N.V. 27179
Neches, I.O. *see* Volkov, E.A. 41624
Necoechea, R.W. High performance monolithic verniers for VLSI automatic test equipment 1092
Necsulescu, C. *see* Vaahedi, E. 24721
Nedashkovskii, V.N. *see* Zhilyaev, B.E. 31227
Nedavnii, O.I., Maksimenko, B.V., Osipov, S.P., Udod, V.A. Multichannel radiometric inspection systems with half-tone visualization of radiation shadow images. 1. Mathematical model 41542
Nedelchev, I.M. *see* Huang, C.G. 10073
Nedelchev, I.M. *see* Jesshope, C.R. 9888
Nedelijkovic-Groha, V. *see* Kahlenberg, R. 40984
Nederlof, A.J. Product certification of the future 40917
Nedev, N. *see* Smirnov, N. 14940
Nedzel'skii, I.S. Effective evaluation of stable operation of a synchronous motor during its

asychronous functioning in an electric power system 32843
Nee, A.Y.C. *see* Khaw, H.C. 9294
Nee, H.-P., Sadarangani, C. The influence of load and rotor slot design on harmonic losses of inverter-fed induction motors 8408
Nee, R.D.J.Van *see* Van Nee, R.D.J.
Nee, V.W. *see* Liao, Q.D. 40923
Neece, R.T. *see* Ybarra, G.A. 6102
Needes, C.R.S., Mason, R.C., Dirks, M.T., Gasper, D.J. Diffusion patterning—materials and processing 19261
Needham, R., Nakamura, A. An approach to real-time scheduling—but is it really a problem for multimedia? 13963
Neejarvi, J. *see* Varri, A. 24158
Neelin, P., Crossman, J., Hawkes, D.J., Ma, Y., Evans, A.C. Validation of an MRI/PET landmark registration method using 3D simulated PET images and point simulations 15773
Neely, D. *see* Cairns, G. 35648
Neely, D. *see* Holden, P.B. 28691
Neenan, T.X., Kumar, U., Kometani, J.M., Novembre, A.E. Single component deep-ultraviolet and X-ray resists: the lithographic behavior of poly[(2-methyl-4-*t*-butoxycarbonyloxystyrene)sulfone]and poly[(3-chloro-4-*t*-butoxycarbonyloxystyrene)sulfone] 27956
Neenan, T.X. *see* Reichmanis, E. 42809
Nees, J. *see* Kim, J. 1651
Nees, J. *see* Motet, T. 3337
Neeser, F.D., Massey, J.L. Proper complex random processes with applications to information theory 21467
Neethling, J.H. *see* Alberts, V. 41285
Neethling, J.H. *see* Leitch, A.W.R. 42463
Nefed'ev, L.A. *see* Zuikov, V.A. 12331
Nefedov, S.M. *see* Akimov, A.G. 11929
Nefedov, Ye.I. Electrodynamics of microwave and extremely high-frequency three-dimensional integrated circuits (a review) 19091
Neff, C. Using voice interactive multimedia in foreign language teaching 23340
Negad, A.S. *see* Abyaneh, H.A. 8004
Negahban, M., Behrashi, R., Tsang, G., Abouhossein, H., Bouchaya, G. A two-chip CMOS read channel for hard-disk drives 26758
Neganov, V.A. The design of nonreciprocal waveguide ferrite devices for the UHF band 10397
Neganova, L.A., Syrovoy, V.A. Paraxial theory of relativistic electron beams in the presence of a nonuniform ion background 1791
Negi, R. *see* Rattan, S.S. 44677
Negirev, A.A. *see* Lopin, M.I. 1795
Negirev, A.A. *see* Pobedonostev, A.S. 1796
Negirev, A.S. *see* Zaytsev, S.A. 1544
Negishi, A., Kaneko, H., Nozaki, K. Characterization of carbon electrode materials for flow type batteries 48074
Negishi, A. *see* Masuda, T. 17412
Negishi, H., Watanabe, A., Honjoya, Y., Kanno, T., Takei, Y., Tsubosaka, S. Fiber optic gyroscope 6555
Negodenko, O.N. *see* Zinchenko, L.A. 18401
Negoita, M.Gh. Applications of fuzzy controllers to cybernetic control systems of the automotive engines 48429
Negoro, K. *see* Fukumoto, M. 33009
Negra, M.Della *see* Della Negra, M.
Negrazus, M. *see* Blokesch, G. 31577
Negrete, G.V. An ultra-low-noise millimeter-wave oscillator using a sapphire disk resonator and high-temperature superconductor ground planes 1578
Negri, D. *see* Vazquez, M. 43283
Negri, P. *see* Benvenuti, A. 7252
Negrini, A. *see* Bianchi, R. 39604
Negrini, F., Bellofatto, O., Bedogni, V., D'Ettorre, G. MHD retrofit of the EniChem-Anic power plant in Brindisi-Italy 25303
Negro, G. *see* Cannistra, G. 40115
Negus, A.K. *see* Carrera, J.P. 39833
Negus, D.K. *see* Ramaswamy, M. 12079
Negut, G., Laslau, F. Optimal test intervals for shutdown systems for the Cernavoda Nuclear Power Station 39880
Negut, G. *see* Anescu, G. 39881
Nehorai, A., Paldi, E. Acoustic vector sensor array processing 29709
Nehorai, A., Paldi, E. Vector-sensor array processing for electromagnetic source localization 44996
Nehorai, A. *see* Handel, P. 44988
Nehorai, A. *see* Hochwald, B. 29604
Nehrir, M. A method to teach an undergraduate course on electric machinery with introduction to power systems 141
Nehrir, M.H., Gerez, V., Odermann, A.J. A microcomputer-controlled thyristor bridge rectifier experiment for undergraduate electric machinery laboratory 40344
Nehrlich, E. *see* Korytov, A. 31775
Neiberg, L., Casasent, D.P. Implementing associative memories on non-ideal analog systems 34186
Neiberg, L. *see* Casasent, D. 11727
Neiberg, M.J. *see* Marcotte, R.A. 26561
Neida, A.von *see* von Neida, A.
Neidecker-Lutz, B.K., Ulichney, R. Software motion pictures 4796
Neidert, R.E., Phillips, P.M. Losses in Y-junction stripline and microstrip ferrite circulators 18993
Neidhard, R. *see* Bayraktaroglu, B. 10439
Neidhard, R. *see* Bayraktaroglu, B. 27204
Neidlinger, S., Bolze, T. Novel transmission schemes for commercial applications in optical bidirectional point-to-multipoint subscriber-loop systems (FITL) 38110
Neifeld, M.A. *see* Hsiang, P. 3152
Neikirk, D.P. *see* Gullapalli, K.K. 34905
Neikirk, D.P. *see* Sadra, K. 43636
Neikirk, D.P. *see* Tuncer, E. 21290
Neil, G. *see* Liu, H. 31579
Neil, G.R., Benson, S.V. Issues in high power FEL designs at the continuous electron beam accelerator facility 20928
Neil, M.A.A., Paige, E.G.S. Breaking of inversion symmetry in 2-level binary, Fourier holograms 12465
Neil, M.A.A., Paige, E.G.S. Improved transmission in a two-level, phase-only, spatial light modulator 43551
Neil, M.A.A. *see* Broomfield, S.E. 3206
Neil, V.K. *see* Barnard, J.J. 31535
Neil, V.K. *see* Yu, S.S. 15339
Neilands, O.Y. *see* Rutkis, M.A. 12358
Neilsen, M.L. *see* Mizuno, M. 45340
Neilson, D.T. *see* Ehrlich, J.E. 3790
Neilson, J.B. *see* Vandermaar, A.J. 43163
Neitzel, U. Selenium: a new image detector for digital chest radiography 47076
Neitzert, H.-C. In-situ characterization of charge carrier kinetics in multilayers during plasma growth and etching of amorphous silicon films 33743
Neitzert, H.-C. *see* Campi, D. 35454
Neitzert, H.-C. *see* Campi, D. 35494
Neitzert, H.-C. *see* Swiatkowski, C. 34714
Neitzert, H.C. Characterization of electronic transport in amorphous silicon/crystalline silicon photodiodes 35584
Nejat Veziroglu, T. The fusion-hydrogen energy system 33075
Nejim, A., Hemment, P.L.F. Preparation and characterisation of thin film SIMOX material 10833
Nejim, A., Marsh, C.D., Giles, L.F., Hemment, P.L.F., Li, Y., Chater, R.J., Kilner, J.A., Booker, G.R. An investigation of the role of the time averaged ion beam current density upon the defect densities in thin film SIMOX 34613
Nejim, A. *see* Geatches, R.M. 34614
Nejim, A. *see* Giles, L.F. 10888
Nejim, A. *see* Giles, L.F. 34612
Nejim, A. *see* Yupu Li 2091
Nekhaenko, V.A. *see* Arumov, G.P. 20708
Nekhaev, V.E. *see* Auslender, V.L. 6910
Nekhamin, M., Odarchenko, A. Facilities for the gas-dynamical parameters measuring in the dense plasma of the MHD-installation 25812
Nekhamin, M.M. *see* Ganefeld, R.W. 25728
Neklepaev, B.N., Shevchenko, A.T., Shuntov, A.V. Interrelation between substation switchgear configurations and distribution network structure 25598
Neklepaiev, B.N. Problem of coordination of short circuit current levels at power stations and in power networks 39648
Neklepayev, B.N. *see* Kudryavtsev, Ye.P. 39615
Nekrashevich, Ya.I. *see* Orlov, L.N. 3436
Nekrasov, A.A., Ivanov, V.F., Vannikov, A.V. Semiconductor photoelectrochemical photographic device based on cadmium selenide 28615
Nekrasov, I.M. *see* Kuznetsov, B.I. 40523
Nekrasov, Yu.V., Galikyan, G.S., Rodionov, A.S. Investigating the motion dynamics in the horizontal plane of a magnetically-suspended waggon 8914
Nekrest'yanov, S.N. *see* Efimov, A.A. 8069
Nekroutenko, V.J. *see* Barsky, A.G. 36057
Nel, H.I. *see* Thompson, D.J. 7145
Nel, J.S., Kamper, M.J. Efficient permanent magnet brushless DC machine drive for photovoltaic powered submersible water pumps 40566
Nel, J.S. *see* Mackay, A.T. 40150
Nel, M.G. *see* Pretorius, P.H. 24248
Nelin, E.A. Microelectronic devices based on high-temperature superconductivity 20216
Nellen, P.M., Lukosz, W. Integrated optical input grating couplers as direct affinity sensors 23742
Nelles, D. What is least-cost planning of electric power stations 47621
Nelles, D. *see* Machowski, J. 24748
Nelli, P. *see* Sberveglieri, G. 6632
Nelli, P. *see* Sberveglieri, G. 6660
Nellis, W.J. *see* Weir, S.T. 28395
Nelson, A. Boundary scan plus in-circuit test to achieve maximum fault coverage 26166
Nelson, A.D., Miraldi, F., Muzic, R.F., Jr., Leisure, G.P., Semple, W.E. Noninvasive arterial monitor for quantitative oxygen-15-water blood flow studies 24251
Nelson, A.J., Frigo, S.P., Rosenberg, R.A. Photoemission investigation on the effect of H_2S plasma exposure of InP 34733
Nelson, A.J., Frigo, S.P., Rosenberg, R.A. Chemistry and electronic structure of the H_2 plasma passivated surface of CdTe 42695
Nelson, A.J. *see* Pugh, J.R. 8770
Nelson, B. Perspectives on high-performance file service 45514
Nelson, B., Khosla, P.K. Increasing the tracking region of an eye-in-hand system using controlled active vision 22068
Nelson, B. *see* Maas, S.A. 34933
Nelson, B. *see* Minot, K. 19138
Nelson, B. *see* Watson, A. 5551
Nelson, B.L. *see* Cash, C.R. 475
Nelson, B.L. *see* Huei Wang 34274
Nelson, B.L. *see* Yang, C.C. 19100
Nelson, C., Lemme, H. Better mains adapter with power-factor correction 18483
Nelson, C. *see* Amidei, D. 46890
Nelson, C. *see* Bedeschi, F. 38912
Nelson, C. *see* Dobkin, R. 17028
Nelson, C. *see* Tkaczyk, S. 46989
Nelson, C.W., Walls, F.L., Ascarrunz, F.G., Pond, P.A. Progress on prototype synthesizer electronics for $^{199}Hg^+$ at 40.5 GHz 23382
Nelson, D.C. *see* Roeske, F. 3162
Nelson, E.A. *see* Adams, J.D. 29362
Nelson, E.O. *see* Gau, Y. 5690
Nelson, G.S., Chaney, R.C., Fenyves, E.J., Hammack, H., Hudson, C., Antich, P.P., Anderson, J.A. Testing of a scintillating fiber PET system 24245
Nelson, H.N. *see* Alexander, J.P. 24110
Nelson, H.N. *see* Alexander, J.P. 46860
Nelson, J., Paxman, M., Barnham, K.W.J., Roberts, J.S., Button, C. Steady-state carrier escape from single quantum wells 11833
Nelson, J. *see* Barnham, K. 25692
Nelson, J.C.C. *see* Hadland, S.M. 11607
Nelson, J.K. *see* Brubaker, M.A. 47920
Nelson, J.K. *see* Thalji, J.Y. 35131
Nelson, K.A. *see* Wefers, M.M. 11706
Nelson, K.D., Macklin, F.L. Flight results of the ring laser gyro based inertial navigation system for Atlas/Centaur 39216
Nelson, K.L., Meredith, L.M. Application of distributed, fault-tolerant Ada to multiprocessor, real-time, integrated avionics systems 39271
Nelson, L.E. *see* Tamura, K. 20757
Nelson, L.E. *see* Tamura, K. 21022
Nelson, L.M., Walls, F.L. Environmental effects in mixers and frequency distribution systems 23464
Nelson, L.M. *see* Ferre, E.S. 10431
Nelson, L.S. Sample sizes for confidence intervals with specified lengths and tolerances 26220
Nelson, L.S. Shewhart control charts with unequal subgroup sizes 26221
Nelson, L.Y., Green, J.R. Digital imaging technology applied to crewstation display measurement 47198
Nelson, M.A. *see* Moe, M.K. 46944
Nelson, P., Hernandez, V., Lopez, A., Galetti, V. Human factors applications to emergency operating procedures in Mexico 39797
Nelson, P.A. *see* Elliott, S.J. 4761
Nelson, P.A. *see* Kirkeby, O. 23354
Nelson, R. *see* Subramanian, E. 11265
Nelson, R. *see* Donatiello, L. *(editor)* 90
Nelson, R.A., Pritchard, W.L. Interference between satellite systems in non-geostationary orbits 45896
Nelson, R.D. The mathematics of product form queuing networks 9381
Nelson, R.F. A lead/acid battery for the new millennium 17212
Nelson, R.F. The Advanced Lead-Acid Battery Consortium—an overview 40435
Nelson, R.F. 'Putting your best foot forward'—a blueprint for a lead-acid battery technology and infrastructure for electric vehicles 48292
Nelson, R.F., Rand, D.A.J. 'Putting your best foot forward'—a blueprint for a lead-acid battery technology and infrastructure for electric vehicles 48416
Nelson, R.O. *see* Wender, S.A. 7232
Nelson, S. *see* Kraszewski, A. 15168
Nelson, S. *see* Liu, W. 19070
Nelson, S. *see* Street, R.A. 31306
Nelson, S. *see* Taylor, S. 30659
Nelson, S., Jr., Bolli, R. Wastefree SO_2/NO_x control at Ohio Edison's Edgewater Plant with a regenerable magnesia-based sorbent 8126
Nelson, S.F. *see* Jackson, T.N. 19868
Nelson, S.S. *see* Pal, B.B. 11320
Nelson, T.K. *see* Alexander, J.P. 24110
Nelson, T.K. *see* Alexander, J.P. 46860
Nelson, W.R. *see* Wilhelmsen, C.A. 39757
Nema, R.S. *see* Siddappa Naidu, K. 16934
Nema, R.S. *see* Venkatesh, S.K. 11354
Nemanich, R.J. *see* Liu, H.X. 34739
Nemanich, R.J. *see* Rudder, R.A. 856
Nemanich, R.J. *see* Schneider, T.P. 34735
Nemarich, J. *see* Wellman, R.J. 46096
Nematchoua, F. *see* Kwankam, S.Y. 25064
Nemcic, K. *see* Roumiguiere, F. 39890
Nemec, D. *see* Mehmedovic, M. 24617
Nemec, J., Lieberman, D. DRAM control in complex caches 34054
Nemes, K. *see* Lukac, M. 35709
Nemeth, D.T. *see* Black, R.C. 23854

Nemeth, D.T. *see* Koelle, D. 6455
Nemeth, D.T. *see* Koelle, D. 28416
Nemirovski, A.W. *see* Danilin, A.B. 19499
Nemirovskiy, M.S., Volkov, L.N. Promising multistation access systems and methods: characteristics and implementation problems 37952
Nemirovsky, Y., Ruzin, A., Bezinger, A. UV photon assisted control of interface charge between CdTe substrates and metalorganic chemical vapor deposition CdTe epilayers 10919
Nemkovich, N.A., Canarelli, P., Tittel, F.K. Amplification of tunable blue-green femtosecond laser pulses in an electrically excited XeF(C-A) excimer amplifier 20606
Nemolochnov, O.F., Shchupak, Yu.A. Model of functional faults for the automaton representation of primary elements of a logic circuit 41741
Nemoto, A. *see* Shimizu, Y. 48078
Nemoto, K., Ishikawa, R., Minowa, Y. Amplitude modulation effect on a dye laser amplifier 35702
Nemoto, K. *see* Goto, N. 12030
Nemoto, K. *see* Kuribara, M. 46940
Nemoto, Y. *see* Endo, I. 44491
Nemoto, Y. *see* Kazuno, Y. 38574
Nemoto, Y. *see* Mansfield, G. 14140
Nemoto, Y. *see* Matsuoka, H. 23736
Nemov, S.A. *see* Zhitinskaya, M.K. 34550
Nemova, G.A., Shkerdin, G.N. Optical bistability in a planar waveguide structure with distributed feedback 11626
Nemoz, C. *see* O'Shaughnessy, K. 47008
Nemtsev, G.Z. *see* Ignat'ev, A.S. 2425
Nemtsev, I.Z., Lapshin, V.P. Mechanisms of laser effects in the treatment of acute conditions: summing up the 15-year experience 24331
Nemzorov, N.I. *see* Aleinikov, A.L. 41505
Nen-Fu Huang, Chung-Ching Chiou An efficient slot-reuse scheme for CRMA high-speed networks 30413
Nen-Fu Huang, Shiann-Tsong Sheu Solving bandwidth and priority domination problems of DQDB MANs 5462
Nen-Fu Huang, Shiann-Tsong Sheu A general bandwidth allocation scheme for multi-priority traffic on DQDB networks 30412
Nen-Wen Puh *see* Yuh-Ping Tong 3827
Nenadal, K. Self-deception in electric power management 32283
Nenashev, A.V. *see* Vysogorets, M.V. 46457
Nenchev, M., Stoykova, E. Interference wedge properties relevant to laser applications: transmission and reflection of restricted light beams 12287
Nencib, S. *see* Kessi, O. 2190
Nener, B.D., Lai, S.T., Faraone, L., Nassibian, A.G. Parameter evaluation in automated digital deep-level transient spectroscopy (DLTS) 23869
Nener, B.D. *see* Lai, S.T. 34514
Nener, B.D. *see* Say Teng Lai 27722
Nenschitzer, F. For the safety of the Feistritzbach dam—alarm system design 39713
Nensi, T., Davies, A.E., Vaughan, A.S., Swingler, S.G. Electrical aging of low density polyethylene cable insulation 35176
Neofitnyi, M. *see* Balashova, E. 11807
Neophytides, S. *see* Bebelis, S. 16738
Neophytides, S.G. *see* Yentekakis, I.V. 17320
Nepogodin, I.A., Tiranov, D.T., Moskalev, V.N., Ivanin, V.F. Goniophotometer for measuring backscattering patterns of the underlying Earth's surface 15985
Nepomnyashchikh, A.I. *see* Shul'gin, B.V. 46882
Neri, A., Jacovitti, G., Minniti, A., Tasselli, T. Radon transform based velocity estimation of vehicles with linear arrays 36969
Neri, A. *see* Berceli, T. 27293
Neri, A. *see* Jacovitti, G. 44940
Neri, A. *see* Rizzoli, V. 19020
Neri, A. *see* Rizzoli, V. 41619
Neri, A. *see* Scarano, G. 13418
Neri, F. *see* Marsan, A. 5929
Neri, F. *see* Marsan, M.A. 5201
Neri, F. *see* Marsan, M.A. 22523
Neri, F. *see* Marsan, M.A. 30709
Neri, F. *see* Marsan, M.A. 30745
Neri, V. *see* Chanussot, C. 18808
Nering, J., Kabrisky, M., Rogers, S., Leahy, M. AFIT neural tactile sensor 23564
Nerino, R., Cabiati, F., Picotto, G.B., Sacconi, A. A surface profile reconstruction method based on multisensor capacitive transducers 46632
Nern, H.-J. *see* Kreshman, H. 39981
Nern, H.J., Fischer, F., Kreshman, H., Nour Eldin, H. Reference measurement of the dynamic performance of the gas and steam turboset in CGS-power plant 40006
Nern, H.J. *see* Kreshman, H. 39980
Nern, H.J. *see* Kreshman, H. 39982
Nerng-Fu Shin *see* Tean-Sen Jen 43661
Nerone, L. *see* Hammer, E.E. 17597
Nerrand, O. *see* Dreyfus, G. 4643
Nervi, M. *see* Manella, A. 4004
Nes, P.V.M.van *see* van Nes, P.V.M.
Nes purek, S., Sworakowski, J. Electroactive and photochromic molecular materials for wires, switches and memories 42333
Nesbit, T. *see* Millican, P.G. 4162
Nese, M., Hanneborg, A. Anodic bonding of silicon to silicon wafers coated with aluminium, silicon oxide, polysilicon or silicon nitride 1976
Nese, M. *see* Evensen, L. 24055
Nese, M. *see* Ohlckers, P. 11278
Nesi, P. *see* Ben-Tzvi, D. 4825
Neskovic, N., Ostojic, R., Susini, A., Milinkovic, Lj., Ciric, D., Dobrosavljevic, A., Brajuskovic, B., Cirkovic, S., Bojovic, B., Josipovic, M., Toprek, D., Manasijevic, M., Koicki, S. TESLA accelerator installation 15583
Nesladek, M., Schauer, F., Brada, P., Adriaenssens, G.J., Stals, L.M. Electric field relaxation in prolonged-time photocurrent experiments 43611
Nesmelova, I.M., Petrova, O.A., Zonshain, E.M., Paslavskii, V.V., Lavrent'eva, I.M., Ryzhkov, V.N. Contact temperature sensor based on an indium antimonide single crystal 15235
Ness, J.E.Van *see* Van Ness, J.E.
NessAiver, M. *see* Singh, M. 15753
Nessi, M., Fucili, G. BiCMOS smart power chip for disk drives operates on 3 V supplies 27099
Nessler, R. *see* Habib, K. 43253
Nesterenko, I.A. *see* Ivanov, V.V. 46512
Nesterenko, N.G. Estimation of power system state by power transfers 24589
Nesterov, S.M., Skorodumov, I.A. Method of determining the complex permittivity and permeability of a radar-absorbing material 30902
Nesterov, V.A., Sizov, V.P., Chernov, A.A. Installation for investigating structures excited by resonant vibrations 38752
Nesterov, V.M. *see* Artem'ev, M.Yu. 35685
Nesterov, V.M. *see* Artem'ev, M.Yu. 35686
Nestiorkin, O.P., Shershakov, Y.P. Parametric generation of a spatial subharmonic grating in photorefractive crystals: theory 3902
Nestiorkin, O.P. *see* Liberman, V.S. 21117
Nestor, J.A., Krishnamoorthy, G. SALSA: a new approach to scheduling with timing constraints 9897
Nestor, S. *see* Noore, A. 5610
Neta, B. *see* Phipps, W.E., Jr. 7572
Netherwood, P. *see* Forte, P. 1726
Netishen, C.M. *see* Novak, L.M. 7682
Neto, H. *see* Monteiro, J. 41841
Neto, L.M., Salerno, C.H., Bispo, D., de Alvarenga, B.P. Induction motor torque: an approach including windings and saturation effects 40206
Neto, L.M., Salerno, C.H., de Alvarenga, B.P. Analysis of the induction machine saturation effects using the salient-pole theory 40200
Neto, L.M., Salerno, C.H., de Alvarenga, B.P. Harmonic inductances in the linear analysis of the induction motor 40201
Neto, L.M. *see* Teixeira, E.P. 40226
Neto, P.A.Maia *see* Maia Neto, P.A.
Nettelblad, B. Effect of moisture content on the dielectric properties of cellulose 11384
Netterfield, C.B. *see* Tucker, G.S. 38198
Nettleton, D.H., Prior, T.R., Ward, T.H. Improved spectral responsivity scales at the NPL, 400 nm to 20 μm 23626
Nettleton, D.J., Garigliano, R. Search space reductions in deriving a fractal set for an arbitrary shape 36802
Nettleton, L.D. *see* Bollinger, K.E. 32771
Netushil, A.V. *see* Yermuratskii, R.V. 9950
Netz, J., Forner, E., Haagemann, S. Contactless impedance measurement by magnetic induction — a possible method for investigation of brain impedance 7445
Netzelmann, U. *see* Kim, D.H. 33782
Netzer, D.W. *see* Laredo, D. 7564
Neubauer, G. *see* Rajagopalan, S. 34789
Neubecker, R. *see* Thuring, B. 3822
Neubert, W. *see* Avdeyev, S.P. 7149
Neubert, W.M., Klaus, W., Leeb, W.R., Popescu, A.F., Scholt, A.L. Synchronizing frequency and phase of nonoverlapping laser beams 3473
Neubert, W.M., Kudielka, K.H. Coherent optical self-phasing array antenna for space communication receivers 38107
Neudeck, G.W. *see* Bashir, R. 2033
Neudeck, G.W. *see* Chao, H.C. 31161
Neudeck, G.W. *see* Yen, H. 9564
Neudeck, P.G., Larkin, D.J., Powell, J.A., Matus, L.G. High voltage 6H-SiC rectifiers: prospects and progress 19751
Neudeck, P.G., Larkin, D.J., Powell, J.A., Matus, L.G., Salupo, C.S. 2000 V 6H-SiC p-n junction diodes grown by chemical vapor deposition 34907
Neudeck, P.G., Powell, J.A. Performance limiting micropipe defects in silicon carbide wafers 42821
Neudeck, P.G. *see* Powell, J.A. 1870
Neudecker, A. *see* Barba, D. 30078
Neuendorffer, T. *see* Dannenberg, R.B. 5330
Neuenschwander, R.T., Ricardo, A., Rodrigues, D., Talarico, F.W.B., Goncalves da Silva, C.E.T. Laser cutting fabrication of magnetic components 15533
Neufeld, A. *see* McLaren, P.G. 32493
Neufeld, G. *see* Sample, M. 5541
Neufeld, G. *see* Sample, M. 30494
Neufeld, G.W., Ito, M.R., Goldberg, M., McCutcheon, M.J., Ritchie, S. Parallel host interface for an ATM network 5472
Neufeld, G.W. *see* Liang, L. 22541
Neuffer, D. *see* Liu, H. 31579
Neuffer, H. The pros and cons of district heating 47739
Neugaonkar, R. *see* Cheung, J.T. 35142
Neugebauer, G.T. *see* Vydyanath, H.R. 10791
Neugroschel, A. *see* Leu, I.-Y. 10648
Neuhalfen, A.J. *see* Wang, X.Z. 28590
Neuhaus, E. *see* Muhle, E.-E. 47755
Neuhaus, E. *see* Muhle, E.-E. 47759
Neuhaus, H.J. An MCM-D substrate fabrication cost model: comparing dry etch, wet etch and photosensitive dielectrics 310
Neuhaus, M. *see* Dolata, R. 2889
Neuhoff, D.L., Pappas, T.N. Perceptual coding of images for halftone display 37022
Neuhoff, D.L. *see* Dong, C.-K. 31490
Neuhoff, D.L. *see* McLaughlin, S.W. 43308
Neuhoff, H., Thoren, K. GT24 and GT26 gas turbines — sequential combustion the key to high efficiencies 47768
Neukermans, A. The current state of the art of defect detection using laser scanning systems 1994
Neuman, A. *see* Levitt, H. 24352
Neuman, B.C. Proxy-based authorization and accounting for distributed systems 45575
Neumann, C. *see* Feser, K. 48016
Neumann, C. *see* Karrenbauer, H. 8671
Neumann, C.C., Morgan, F.E., Shirrod, T.S. Closed loop laser beam alignment along active robot arm 3945
Neumann, G. *see* Alumot, D. 17933
Neumann, G. *see* Holl, E. 17023
Neumann, H. HADES—a high acceptance dielectron spectrometer for SIS 15681
Neumann, H., Ottenberg, K. Estimating ramp-edge attributes from scale-space 15836
Neumann, H. *see* Demuth, S. 47410
Neumann, H. *see* Ottenberg, K. 21998
Neumann, J. Communication, commitment, creativity: the three golden rules of concurrent engineering 9199
Neumann, J. *see* Hausler, G. 6593
Neumann, N., Mohling, S. The influence of heat exchange between a sensitive element and its surroundings on the specific detectivity of pyroelectric detectors 15024
Neumann, R. *see* Balewski, K. 46775
Neumann, S.A. *see* Geisler, K.I. 24796
Neumann-Spallart, M. *see* Natarajan, C. 33687
Neumark, G.F. *see* Laks, D.B. 2051
Neumark, G.F. *see* Padmapani, N.C. 2087
Neumeier, K. *see* Froschie, B. 28142
Neumeier, K. *see* Froschle, B. 2173
Neumuller, P. *see* Balewski, K. 46775
Neuneier, R. *see* Tresp, V. 4639
Neuner, U. *see* Kowalewicz, R. 15411
Neuner, U. *see* Stetter, M. 15412
Neuner, U. *see* Tauschwitz, A. 31573
Neureuther, A.R. *see* Helmsen, J.J. 2336
Neureuther, A.R. *see* Scheckler, E.W. 19689
Neureuther, A.R. *see* Scheckler, E.W. 27713
Neureuther, A.R. *see* Yeung, M.S. 2341
Neureuther, A.R. *see* Yeung, M.S. 2372
Neureuther, A.R. *see* Zuniga, M. 27971
Neureuther, A.W. Understanding lithography technology issues through simulation 27840
Neurgaonkar, R. *see* Kewitsch, A. 21119
Neurgaonkar, R.R. *see* Orlov, S. 36036
Neushkin, A.A. *see* Babintsev, V.V. 7210
Neuss, C. *see* Gerfelder, N. 46205
Neusy, P. *see* To, M. 38064
Neuvo, Y. *see* Campbell, T.G. 38279
Neuvo, Y. *see* Defee, I. 21992
Neuvo, Y. *see* Hamalainen, M. 36748
Neuvo, Y. *see* Kalliojarvi, K. 10245
Neuvo, Y. *see* Lin Yin 45001
Neuvo, Y. *see* Nieweglowski, J. 29584
Neuvo, Y. *see* Qiaofei Wang 29805
Neuvo, Y. *see* Song, X. 22013
Neuvo, Y. *see* Sun, T. 22201
Neuvo, Y. *see* Tang, K. 22009
Neuvo, Y. *see* Tong Sun 45046
Neuvo, Y. *see* Tong Sun 45179
Neuvo, Y. *see* Varri, A. 24158
Neuvo, Y. *see* Wang, Q. 13466
Neuvo, Y. *see* Wichman, R. 45303
Neuvo, Y. *see* Xudong Song 5102
Neuvo, Y. *see* Xudong Song 45133
Neuvo, Y. *see* Zeng, B. 22028
Neuvo Yrjo *see* Yrjo Neuvo
Neuwirth, R. *see* Kohnle, A. 32153
Nevalainen, O. *see* Franti, P. 5039
Nevdakh, V.V. *see* Orlov, L.N. 3436
Neve, L. *see* Berman, L.E. 24225
Nevecerel, D. *see* Tonkovic, Z. 25205
Nevejans, D. *see* Calcutt, S.B. 24493
Nevels, R.D., Huang, C., Wu, Z. Fourier transform path integral method: numerical technique for scalar scattering in inhomogeneous regions 21218
Nevels, R.D. *see* Huang, C. 29135
Never, J.M. *see* Voldman, S.H. 28277
Nevermann, P., Wolff, I. An analytical FET model including overshoot and surface effects 11239

Neverov, V.A., Revyakin, Yu.L. Investigation of the integrated effects of irradiating platinum resistance thermometers 6834
Neves, H. *see* Nucci, J. 33720
Neves, M.V.Guerreiro das *see* Guerreiro das Neves, M.V.
Neves, S.das *see* das Neves, S.
Neviani, A., Tedesco, C., Zanoni, E., Canali, C., Manfredi, M., Cetronio, A. Impact ionization and light emission in GaAs metal-semiconductor field effect transistors 11255
Neviani, A. *see* Tedesco, C. 35602
Neviere, M., Vincent, P., Reinisch, R., Vitrant, G. Singularity expansion method applied to the bistable behavior of Kerr like nonlinear corrugated waveguides 3119
Neville, K.J., French, J., Bisson, R.U., Boll, P.A., Storm, W.F. Sleep and flight duration effects on the subjective fatigue of pilots during Operation Desert Storm 15943
Neville, K.J. *see* Rowe, A.L. 16105
Nevin, J.H. *see* Yuliasto, T.T. 26927
Nevirkovets, I.P., Evetts, J.E., Blamire, M.G. Transition from single junction to double junction behaviour in SISIS-type Nb-based devices 43356
New, D., Rosenberg, J., Cruz, G., Judd, T. Requirements for network delivery of stored interactive multimedia 14080
New, R. *see* Walke, P.J. 27396
Newberg, I.L., Wooldridge, J.J. An affordable low-profile multifunction structure (ALMS) for an optoelectronic (OE) active array 6127
Newberg, I.L., Woolridge, J.J. Revolutionary active array using solid state 'models' and fiber optics 23178
Newberger, B. *see* Nakajima, K. 7013
Newby, G.B. The maturation of norms for computer-mediated communication 30374
Newby, M.J. *see* Coolen, F.P.A. 26245
Newby, R. *see* Robertson, A. 8163
Newby, R.A., Bannister, R.L. Hot gas cleaning makes promising progress 16699
Newcom, K. Streaming data speeds up IEEE 488 Bus 23460
Newcomb, R.W. *see* Cheng, T. 10305
Newcomb, R.W. *see* Rodellar, V. 13091
Newcomb, R.W. *see* Rodellar, V. 18597
Newcombe, A. *see* Tierney, M. 37571
Newcombe, E.H., III SMT, COB, & TAB. What to expect in design tradeoffs 34332
Newcomer, F.M., Tedja, S., Van Berg, R., Van der Spiegel, J., Williams, H.H. A fast, low power, amplifier-shaper-discriminator for high rate straw tracking systems 15663
Newcomer, J.M. *see* Dannenberg, R.B. 5330
Newdome, T.P., Davis, C., Chambers, D. Prototyping for application development at Alabama Power 32249
Newell, A.C. *see* Moloney, J.V. 28948
Newell, B. *see* Seabaugh, A.C. 1137
Newell, J. *see* Gupta, V. 41216
Newell, J.C. Report on the completion of a high density wavelength division multiplexed network 30855
Newell, J.C., Marsden, R.P. Transmission and routeing experiments with uncompressed digital HDTV signals 38273
Newell, P., Bird, T.S. Effects of mutual coupling in the design of high performance multifeed satellite antennas 44612
Newell, P., Bird, T.S., Malik, D.P.S. The importance of mutual coupling in designing high performance multi-feed satellite antennas 12767
Newell, T.C., Alsing, P.M., Gavrielides, A., Kovanis, V. Synchronization of chaos using proportional feedback 33931
Newell, T.C., Alsing, P.M., Gavrielides, A., Kovanis, V. Synchronization of chaos using proportional feedback 36635
Newham, P. *see* Langley, J.D.S. 12776
Newhouse, M.A., Bartholomew, R.F., Aitken, B.G., Button, L.J., Borrelli, N.F. Pr-doped mixed-halide glasses for 1300 nm amplification 43796
Newhouse, V.L., Faure, P., Cathignol, D., Chapelon, J.Y. The transverse Doppler spectrum for focused transducers with rectangular apertures 47307
Newhouse, V.L. *see* Faure, P. 39420
Newiger, H. Positron-emission tomography (PET)—new diagnostic method. Physical and technical requirements 7374
Newkerk, O., Nihart, M.A., Wong, S.K. The common agent—a multiprotocol management agent 22455
Newkirk, M. *see* Heismann, F. 35440
Newkirk, M. *see* Reichmann, K.C. 22714
Newkirk, M.A. *see* Alferness, R.C. 45985
Newkirk, M.A. *see* Hansen, P.B. 37985
Newkirk, M.A. *see* Jianhui Zhou 35892
Newkirk, M.A. *see* Kim, I. 43888
Newkirk, M.A. *see* Tennant, D.M. 28851
Newkirk, M.A. *see* Young, M.G. 23005
Newman, D. *see* Tolly, K. 22608
Newman, D. *see* Tolly, K. 45560
Newman, D. *see* Tolly, K. 45563
Newman, H.B. A BaF_2 crystal precision electromagnetic calorimeter for GEM at the SSC 31757
Newman, H.S., Culbertson, J.C. Measurement of the current-density distribution in high-temperature superconducting microstrip by means of kinetic-inductance photoresponse 1380
Newman, J. *see* Battaglia, V. 48082
Newman, J. *see* Battaglia, V. 48083
Newman, J. *see* Fuller, T.F. 25660
Newman, J. *see* Fuller, T.F. 48094
Newman, J. *see* Mao, Z. 25659
Newman, J.P. *see* Mayers, A.W. 36040
Newman, L.A. Comparison of chirped FM/CW and chirped AM/CW fiber optic position sensors for aerospace applications 7539
Newman, L.A. *see* Ade, R.W. 6018
Newman, N., Lyons, W.G. High-temperature superconducting microwave devices: fundamental issues in materials, physics, and engineering 10444
Newman, N. *see* Chan, J. 27480
Newman, N. *see* Guo-Chun Liang 34222
Newman, N. *see* Jager, N.D. 34891
Newman, N. *see* Lin, X.W. 19423
Newman, N. *see* Phatak, P. 1935
Newman, N. *see* Rubin, M. 18170
Newman, P. The history of the Electrathon [electric vehicle racing] 17568
Newman, P. ATM local area networks 37505
Newman, P.G. *see* Kuan, C.H. 15016
Newman, R.A. *see* Kamperschroer, J.H. 7128
Newman, R.C. *see* Wagner, J. 42628
Newman, R.R., Sims, R.D. Magnetic railcar skirts for automotive transport protection 43339
Newman, T.H. *see* Rosenfield, M.G. 27934
Newman, T.S., Flynn, P.J., Jain, A.K. Model-based classification of quadric surfaces 13618
Newman, W. *see* Rafie, M.S. 22787
Newmark, D.M., Garofalo, J., Vaidya, S. Aerial image based design of rim-phase shift masks with annular illumination 2268
Newmark, E., Guenette, D.R. CD-ROM goes to the movies. The design of interactive films 14830
Newmersthyzka, O. *see* Mikityuk, Z. 43376
Newnam, B.E. *see* O'Shea, P.G. 12263
Newnam, B.E. *see* O'Shea, P.G. 43968
Newnham, R.E. Piezoelectric sensors and actuators: smart materials 20091
Newnham, R.E. *see* Harshe, G. 2715
Newnham, R.E. *see* Harshe, G. 2716
Newnham, R.E. *see* Turner, R.C. 39413
Newport, D.F., Young, J.W. An ASIC implementation of digital front-end electronics for a high resolution PET scanner 15729
Newport, Y. *see* Fernandez, T. 27223
Newport, Y. *see* Fernandez, T. 28195
Newsam, G.N. *see* Woodruff, C.J. 45207
Newson, D.J. *see* Urey, Z. 2442
Newson, D.J. *see* Wake, D. 20522
Newson, T.P. *see* Wait, P.C. 35994
Newton, A.R. *see* Roychowdhury, J.S. 26635
Newton, B., Mott, N. Application of the HP 85301A antenna measurement system to receiver pattern measurements 36362
Newton, B.P. *see* Judd, D.A. 7284
Newton, B.S. *see* Adams, J.D. 29362
Newton, C.M. *see* Palmer, E.G. 9252
Newton, C.M. *see* Palmer, E.G. 9260
Newton, D.P., Pearson, A.W. Application of option pricing theory to R&D 17779
Newton, D.V. *see* Jones, L.D. 35184
Newton, G.W.A. *see* Lilley, J.S. 7394
Newton, J. *see* Hou, J.-Y. 23577
Newton, M. *see* Reginato, L. 23962
Newton, M.A., Kirbie, H.C. Technology development for recirculating heavy-ion accelerators 31536
Newton, M.A., Kirbie, H.C., Shay, H.D., Yu, S.S. Development of advanced modulators for recirculating heavy-ion accelerators 6930
Newton, M.A., Reginato, L.L., Yu, S.S. High repetition rate pulser concepts for a recirculating HIF driver 23958
Newton, M.A. *see* Barnard, J.J. 31535
Newton, M.A. *see* Celata, C.M. 31562
Newton, M.A. *see* Yu, S.S. 15339
Newton, S. *see* Elmore, M. 32948
Newton Nathaniel, T., Venkatramani, N. New electrode materials based on terbia stabilized zirconia for hot wall MHD generators 25798
Nexson, W. *see* Tsyganov, E. 46801
Ney, M. *see* Dindo, S. 1532
Ney, M.M., Costache, G.I. Transient striction and skin effects on voltage drop across flat conductors 21268
Ney, M.M. *see* Gibson, D.V. 44317
Ney, M.M. *see* Zhizhang Ghen 36104
Neycenssac, F. Contrast enhancement using the Laplacian-of-a-Gaussian filter 5120
Neyens, G., Nouwen, R., Coussement, R. Extension of the level mixing resonance (LMR) method to study the alignment and the quadrupole moment of light exotic projectile fragments 38939
Neyer, A., Knoche, T., Muller, L., Klein, R., Fischer, D., Yunkin, V.A. Low cost fabrication technology for low loss passive polymer waveguides at 1300 nm and 1550 nm 35426
Neyer, C. *see* Beker, H. 7152
Neyer, C. *see* Campbell, M. 46972
Nezhevenko, O.A. *see* Baryshev, Y.V. 31656
Nezry, E. *see* Lopes, A. 6136
Nezu, H. *see* Wakabayashi, S. 33395
Nfaoui, H., Buret, J., Sayigh, A.A.M., Dunn, P.D. Modelling of a wind/diesel system with battery storage for Tangiers, Morocco 40063
Ng, A., Deen, M.J. Low-frequency noise modelling of bipolar junction transistors for VLSI circuits 28112
Ng, B.P., Er, M.H., Kot, C. Array gain/phase calibration techniques for adaptive beamforming and direction finding 36661
Ng, C.-K., Ko, K. Numerical simulations of input and output couplers for linear accelerator structure 46708
Ng, C.-K. *see* Chen, P. 6963
Ng, C.-K. *see* Ko, K. 46702
Ng, C.S., Tjhung, T.T., Adachi, F., Lye, K.M. On the error rates of differentially detected narrowband $\pi/4$-DQPSK in Rayleigh fading and Gaussian noise 4366
Ng, C.S. *see* Yeo, T.S. 12648
Ng, E.G., Peyton, B.W. Block sparse Cholesky algorithms on advanced uniprocessor computers 591
Ng, H. *see* Kobeda, E. 11291
Ng, H. *see* Lin, K.-C. 22556
Ng, H.C., Leung, S.H., Luk, A. An isolated Chinese word recognition system using hierarchical neural network with applications to telephone dialing 13070
Ng, J.M., Chan, E., Lam, S.K. A modular approach in the simulation of high speed networks 45643
Ng, J.M. *see* Liang, S.T.Y. 13748
Ng, K.-P. *see* Chan, R.H. 579
Ng, K.K., Eshraghi, S.A., Stanik, T.D. An improved generalized guide for MOSFET scaling 11207
Ng, K.K. *see* Pan, Y. 19842
Ng, K.T. *see* Hutchinson, S.A. 24327
Ng, K.Y. *see* Caussyn, D.D. 7026
Ng, K.Y. *see* Caussyn, D.D. 38778
Ng, K.Y. *see* Ellison, M. 38779
Ng, K.Y. *see* Huang, H. 23976
Ng, K.Y. *see* Lee, S.Y. 7040
Ng, K.Y. *see* Lee, S.Y. 15468
Ng, K.Y. *see* Li, D. 6973
Ng, M. *see* Cenanovic, M. 16600
Ng, M.K., Chan, R.H. Fast iterative methods for least squares estimations 44809
Ng, M.W.R. *see* Sobhy, M.I. 26647
Ng, N.K. *see* Teoh, E.K. 9337
Ng, P. *see* Johnson, G.E. 1646
Ng, S.H., Surya, C., Brown, E.R., Maki, P.A. Random telegraph fluctuations in $GaAs/Al_{0.4}Ga_{0.6}As$ resonant tunneling diodes 19731
Ng, S.H. *see* Teoh, E.K. 9337
Ng, S.K. *see* Lo, K.W. 12773
Ng, T. *see* Darnell, M. 44416
Ng, T.K., Liang, Y.C., Lock, K.S. Design and implementation of fuzzy logic controller for high performance battery charging system 25532
Ng, W. An integrated electron-beam probing environment with a simulation interface and CAD navigation 43053
Ng, W., Yap, D., Narayanan, A., Walston, A. High-precision detector-switched monolithic GaAs time-delay network for the optical control of phased arrays 43687
Ng, W. *see* Liang, S. 34840
Ng, W.H. Survivable communications using error correction and signal editing 36499
Ng Boon Poh *see* Boon Poh Ng
Ng Geok See, Singh, H. Extraction of unbroken thin lines of objects in a scene 13684
Ng Kien Aun *see* Lim Kia Yong 13090
Ng Kim Choon *see* Kim Choon Ng
Ng Sze-Him *see* Sze-Him Ng
Ng Wing-yan *see* Wing-yan Ng
Ngai, P.Y., Zhang, J.X., Quan, Y. On computation using far-field and near-field photometry 15227
Ngai, W.F. *see* Liu, H.-F. 12151
Ngai Sum *see* Sum Ngai
Ngalamou, L. *see* Bah, S. 11407
Ngan, K. *see* Dixit, G.A. 19656
Ngan, K.N., Chooi, W.L., Pang, K.K. Motion analysis in 3D subband coder 29969
Ngan, K.N., Sin, K.K., Koh, H.C. HDTV coding using hybrid MRVQ/DCT 23308
Ngan, K.N. *see* Johnson, A.W. 42074
Ngan, K.N. *see* Kieu, L.H. 38242
Ngan, K.N. *see* Lim, H.G. 30964
Nghiem, D., Williams, J.T., Jackson, D.R., Oliner, A.A. Existence of a leaky dominant mode on microstrip line with an isotropic substrate: theory and measurement 1395
Nghiem, D., Williams, J.T., Jackson, D.R., Oliner, A.A. Dominant mode leakage effects for inhomogeneous stripline 12706
Nghiem, D., Williams, J.T., Jackson, D.R., Oliner, A.A. Proper and improper dominant mode solutions for a stripline with an air gap 18957
Nghiem, P., Tkatchenko, A. Simulation of proton spin motion in circular accelerators using one-turn spinor transfer maps 6974
Nghiem, S.V., Kwok, R., Kong, J.A., Shin, R.T. A model with ellipsoidal scatterers for

polarimetric remote sensing of anisotropic layered media 7638
Nghiem, S.V., Yueh, S.H., Kwok, R., Nguyen, D.T. Polarimetric remote sensing of geophysical medium structures 24509
Nghiem, S.V. *see* Johnson, J.T. 24508
Nghiem, S.V. *see* Johnson, J.T. 47287
Nghiem, S.V. *see* Yueh, S.H. 39356
Nghiem, S.V. *see* Yueh, S.H. 47262
Ngo, B. *see* Alspector, J. 1354
Ngo, C. *see* Lam, W. 19120
Ngo, C.M. *see* Rosenbaum, S.E. 1635
Ngo, D., Beckwith, B., O'Neil, P., Camilleri, N. Low voltage GaAs power amplifiers for personal communications at 1.9 GHz 1617
Ngo, D. *see* Camilleri, N. 1505
Ngo, D. *see* Camilleri, N. 30621
Ngo, D. *see* Costa, J.C. 1517
Ngo, K.D.T., Webster, R. Steady-state analysis and design of a switched-capacitor DC-DC converter 26698
Ngo, K.D.T. *see* Maheshwari, A. 33883
Ngo, N.Q., Binh, L.N. Fibre-optic array processors for algebra computations 35532
Ngo Kim Chi Thi *see* Kim Chi Thi Ngo
Ngo Nam Quoc *see* Nam Quoc Ngo
Ngo Ton Anh *see* Ton Anh Ngo
Ngoc, T.Le *see* Le Ngoc, T.
Ngoh, L.H., Lazar, A.A., Lee, L.Y., Tan, J.G. A medical data visualisation service on ATM networks 37583
Ngoh, L.H. *see* Motiwalla, J. 22534
Ngoi, B.K.A., Chua, C.K., Sum Ngai, Tay, F.T.L. Development of a stereolithography preprocessor for model verification 2285
Ngolediage, J.E., Naguib, R.N.G., Dlay, S.S. A new class of analogue CMOS neural network circuits 42123
Ngon Binh Nguyen The application of partial discharge test in hybrid microcircuit packaging 26719
Ngongo, A.Olomo *see* Olomo Ngongo, A.
Ngoya, E. *see* Carvalho, P. 1489
Ngoya, E. *see* Quere, R. 34282
Ngoya, E. *see* Suarez, A. 27298
Ngundam, J.M. *see* Kwankam, S.Y. 25064
Ngundam, J.M. *see* Ningo, N.N. 22748
Nguyen, A., Dubois, E. Spatio-temporal adaptive interlaced-to-progressive conversion 30156
Nguyen, A. *see* Gal, O. 7059
Nguyen, A.D. *see* Akpinar, E. 33091
Nguyen, B. Frame relay—setting the record straight 14192
Nguyen, B. *see* Moinpour, M. 9734
Nguyen, B.-Y. *see* Bhattacharya, S. 28180
Nguyen, B.-Y. *see* Bhattacharya, S.S. 42937
Nguyen, C. Dispersion characteristics of the broadside-coupled coplanar waveguide 21353
Nguyen, C., Brar, B., Jayaraman, V., Lorke, A., Kroemer, H. Magnetotransport in lateral periodic potentials formed by surface-layer-induced modulation in InAs-AlSb quantum wells 1914
Nguyen, C. *see* Astrachan, P. 1263
Nguyen, C. *see* Rahman, K.M. 21345
Nguyen, C. *see* Simon, A. 15027
Nguyen, C. *see* Tran, M. 4276
Nguyen, C. *see* Tran, M. 19115
Nguyen, C. *see* Utzmeier, T. 42500
Nguyen, C. *see* Ver Ploeg, E. 19865
Nguyen, D.C., Austin, R.H., Chan, K.C.D., Fortgang, C., Johnson, W.J.D., Goldstein, J., Gierman, S.M., Kinross-Wright, J., Kong, S.H., Meier, K.L., Plato, J.G., Russell, S.J., Sheffield, R.L., Sherwood, B.A., Timmer, C.A., Warren, R.W., Weber, M.E. Initial performance of Los Alamos Advanced Free Electron Laser 43972
Nguyen, D.C. *see* Sheffield, R.L. 44008
Nguyen, D.T. *see* Habibi, D. 14262
Nguyen, D.T. *see* Nghiem, S.V. 24509
Nguyen, D.T. *see* Qin, J. 41112
Nguyen, D.T. *see* Qin, J. 41215
Nguyen, D.T. *see* Stoksik, M.A. 44822
Nguyen, G.P., Williams, J.R., Gibson, F.W., Winster, T. Electrical reliability of conductive adhesive for surface-mount applications 381
Nguyen, G.P., Williams, J.R., Gibson, F.W., Winster, T. Electrical reliability of conductive adhesive for surface-mount applications 19239
Nguyen, G.P., Williams, J.R., Gibson, F.W., Winster, T. Electrical reliability of conductive adhesive for surface-mount applications 34422
Nguyen, H. *see* Truyen, N.N. 37587
Nguyen, H.D., Paik, S. A noniterative solution approach for parallel pseudospectral domain decomposition 18090
Nguyen, H.K., Hunter, J. In situ particle monitoring in an in-line metal deposition system 2258
Nguyen, H.Q. Software for mobilesat$_{TM}$ network management 14054
Nguyen, H.T., Bartolo, F. A torque control strategy for motor starters 9022
Nguyen, H.T., Chiang, D.R., Miller, J.F. BAT: an ASIC I/O interface analysis and synthesis tool 18565
Nguyen, H.T., Jackson, V., Irvine, M. Nonlinear digital controller for an off-shore crane 9065
Nguyen, H.T., Sands, D. Real-time self-organising fuzzy logic controller for DC servo 16885
Nguyen, H.T. *see* Shoon, S.Y. 47081
Nguyen, H.V. *see* Reed, M.J. 47229
Nguyen, K. The development and implementation of a cell controller framework 9221
Nguyen, K. *see* Hu, A. 9228
Nguyen, K. *see* Underwood, J.H. 28583
Nguyen, K.B., Nguyen, T.D. Defect coverage profile and propagation of roughness of sputter-deposited Mo/Si multilayer coating for extreme ultraviolet projection lithography 27987
Nguyen, L., Le, M., Delaney, M., Lui, M., Liu, T., Brown, J., Rhodes, R., Thompson, M., Hooper, C. Manufacturability of 0.1-μm millimeterwave low-noise InP HEMTs 1526
Nguyen, L. *see* Larson, L. 34239
Nguyen, L.D. *see* Matloubian, M. 1503
Nguyen, L.D. *see* Matloubian, M. 28189
Nguyen, L.D. *see* Matloubian, M. 42211
Nguyen, L.D. *see* Metzger, R.A. 2470
Nguyen, L.T. Reliability of postmolded IC packages 26257
Nguyen, L.T., Jackson, J.A. Military standardization of plastic-encapsulated IC packages 290
Nguyen, L.T., Lo, R.H.Y., Chen, A.S., Belani, J.G. Molding compound trends in a denser packaging world: qualification tests and reliability concerns 40957
Nguyen, L.T., Michael, M. Die pad anchoring designs for enhanced adhesion integrity in IC packages 317
Nguyen, L.T. *see* Chen, A.S. 40943
Nguyen, L.V.T., Lowery, A.J., Novak, D. Quantum-well material gain model for the transmission-line laser model 35854
Nguyen, M. *see* Cotrrell, G.W. 21860
Nguyen, M. *see* Naylor, J.A. 29526
Nguyen, M.-H., Schwartz, M. Reducing the complexities of TCP for a high speed networking environment 5542
Nguyen, M.T., Diaz, A.F., Dement'ev, V.V., Sharma, H., Pannell, K.H. Electrochemical properties of the newly synthesized poly(ferrocenyl dialkylsilane) polymers 33765
Nguyen, M.T. *see* Jackson, T.M. 39914
Nguyen, N. *see* Holt, J. 30334
Nguyen, N.B. Advanced materials aid miniaturization of hybrid power semiconductor packages 1016
Nguyen, N.X. *see* Yin, L.-W. 35017
NGuyen, P.E. *see* Bernard, T.M. 22267
Nguyen, P.T. *see* Pelella, M.M. 11171
Nguyen, P.T. *see* Wagner, L.F. 11176
Nguyen, P.X. Verilog library development using Cadence Central Delay Calculator 35086
Nguyen, R. *see* Zeidler, J.R. 19458
Nguyen, S.V. *see* Nguyen, T. 9745
Nguyen, T. Gas fuel control systems for dry low-NO_x, aero-derivative gas turbines 47772
Nguyen, T., Nguyen, S.V., Dobuzinsky, D.M. Evidence of a shallow junction formation from plasma enhanced chemical vapor deposition of boron nitride and silicon boron nitride 9745
Nguyen, T. *see* Anderson, J.A. 24244
Nguyen, T.D. *see* Nguyen, K.B. 27987
Nguyen, T.D. *see* Thekkath, C.A. 30211
Nguyen, T.D. *see* Thekkath, C.A. 30377
Nguyen, T.Q. Partial spectrum reconstruction using digital filter banks 13213
Nguyen, T.Q. A novel spectral factorization method and its application in the design of filter banks and wavelets 13351
Nguyen, T.Q. Near-perfect-reconstruction pseudo-QMF banks 36755
Nguyen, T.Q., Koilpillai, R.D. The design of arbitrary-length cosine-modulated filter banks and wavelets, satisfying perfect reconstruction 13350
Nguyen, T.Q. *see* de Queiroz, R.L. 29647
Nguyen, T.Q. *see* Soman, A.K. 29603
Nguyen, T.Q. *see* Soman, A.K. 45253
Nguyen, T.T., Bui, H.X. Neural network dynamic load model 32192
Nguyen, T.T., Humpage, W.D. Discriminative response indices for numeric distance protection 25009
Nguyen, T.T. *see* Bartholomew-Biggs, M.C. 9428
Nguyen, T.V. *see* Kim, J. 48079
Nguyen, T.Van *see* Van Nguyen, T.
Nguyen, T.X. *see* Deshpande, M.D. 4036
Nguyen, V.N. *see* Lohner, T. 2060
Nguyen Binh Le *see* Le Nguyen Binh
Nguyen Duy, T. *see* Triboulet, R. 33610
Nguyen Hong Ky, Ganiere, J.D., Reinhart, F.K., Blanchard, B., Pfister, J.C. Effects of post-diffusion annealing on Zn-diffused GaAs:Si 19341
Nguyen Huong Lam *see* Do Long Van 44726
Nguyen Kim-Minh *see* Kim-Minh Nguyen
Nguyen Le Quang *see* Le Quang Nguyen
Nguyen Luong An *see* Luong An Nguyen
Nguyen Ngon Binh *see* Ngon Binh Nguyen
Nguyen Nhu Dat *see* Doan Nhat Quang 10674
Nguyen Tan, T.A. *see* Veuillen, J.-Y. 18220
Nguyen Thi, H.L., Jutten, C., Caelen, J. Speech enhancement: analysis and comparison of methods on various real situations 13106
Nguyen Tien Manh *see* Tien Manh Nguyen
Nguyen Viet *see* Viet Nguyen
Nguyen-Doan, T.N., Truyen, N.N. Object-oriented modelling and simulation of a B-ISDN network 37581
Nguyen-Trong, N. *see* Hardcastle, W.J. 13052
Nguyen-Tuong Viet *see* Viet Nguyen-Tuong
Nguyen-Van-Dau, F., Mathet, V., Galtier, P., Padeletti, G., Olivier, J., Crete, D.G., Collot, P. A study of PbSe heteroepitaxy on Si(111) for IR optoelectronic applications 15029
Nguygen, V.X. *see* Shen, Z.-Y. 1576
Nguygen-Doan, T.N. *see* Truyen, N.N. 37587
Nhan, E., Lafferty, P.M., Stilwell, R.K., Chao, K. Radio-frequency connector and interconnect reliability in spaceborne applications 47204
Nhat Quang Doan *see* Doan Nhat Quang
Nho Hong Goo *see* Hong Goo Nho
Nhu Dat Nguyen *see* Nguyen Nhu Dat
Ni, H.L., Guo, H.F., Jiang, C.H., Liu, W., Xu, J.G., Zhou, H.S., Zhu, Q.M. The luminosity monitor of Beijing spectrometer 15679
Ni, J. Codeword synchronisation of CCMA scheme 21592
Ni, J. *see* Chandler, S.A.G. 14412
Ni, J. *see* Chen, Y.D. 23226
Ni, T.-D., Zhang, X., Daryoush, A.S. Dynamic enhancement of semiconductor lasers in the present of coherent feedback 28822
Ni, W.-X. *see* Radamson, H.H. 42401
Ni, W.P. *see* Li, J.S. 3954
Ni, Y., Devos, F., Lavainne, F. An analog spot position coding retina for active obstacle detection 1347
Ni, Y. *see* Devos, F. 6558
Ni, Y. *see* Goscinski, A. 37517
Ni, Y. *see* Wevers, M. 18370
Ni, Y. *see* Zhu, Y. 34202
Ni Guangzheng *see* Cheng Weiying 42263
Ni Hong *see* Sun Jincheng 29545
Ni Huiling *see* Zhu Qiming 31589
Ni Jian *see* Jian Ni
Ni Jiang-Ming *see* Wang Ju-Xiang 31174
Ni Jianzhong *see* Jianzhong Ni
Ni Ping *see* Ping Ni
Ni Qiuya, Tong Jianzhong, Cai Rong, Cui Yuzhen, Ma Zenguo, Ren Xia Bench-scale experiment for durability assessment of MHD generator channel materials 25723
Ni Ru-Shan *see* Ru-Shan Ni
Ni Wei-Tou *see* Wei-Tou Ni
Ni Wei-Zhen *see* Wei-Zhen Ni
Ni Xiaowu *see* Luo Bikai 12047
Ni Yixin *see* Cai Zexiang 16215
Ni Yu-De, Li Zheng, Zhang Jian-Guo A high performance fiber optic data bus based on MIL-STD-1773 39209
Ni-Tsu Shen *see* Teoh, H. 386
Nian-Shing Chen *see* Shing-Tsaan Huang 13886
Nian-Zhao Liao *see* Liao Nian-Zhao
Niande Xiang *see* Xiang Niande
Nianfu Yang *see* Dhillon, B.S. 41011
Nianhong Wan, Bao Liu, Liangsheng Qu The application of TMS32020 to machinery monitoring system 6342
Nianle Wu *see* Jian Zhang 43743
Nianle Wu *see* Wu Nianle
Nianzeng Che, Price, J.G. Improved method for calibrating the visible and near-infrared channels of the National Oceanic and Atmospheric Administration Advanced Very High Resolution Radiometer 39344
Niarchos, D. *see* Hristoforou, E. 43332
Niarchos, D. *see* Panagiotopoulos, I. 35224
Niay, P. *see* Douay, M. 43417
Niblett, B., Maybeck, P. Second-order acceleration models for a multiple model adaptive estimator in a FLIR tracker 23212
Niboshi, A. *see* Matsuda, N. 22747
Nicacio, D.L. *see* Vermelho, M.V.D. 3761
Nicati, P.-A., Toyama, K., Huang, S., Shaw, H.J. Temperature effects in a Brillouin fiber ring laser 20752
Nicewarner, E. Historical failure distribution and significant factors affecting surface mount solder joint fatigue life 1743
Nichoga, V.A. Measurement of very weak low-frequency magnetic fields in geophysical and space-borne investigations 47242
Nicholas, G., Massit, C. Evolution of interconnect and packaging technologies in electronic components 17847
Nicholas, H.T. *see* Kuczynski, M.A. 30562
Nicholls, C. Introduction to NMR methods for NDT 33787
Nicholls, C. *see* Frayne, P.G. 42189
Nicholls, J. *see* Chai, B. 18130
Nicholls, J.A. *see* Monro, D.M. 28550
Nicholls, J.B. Westinghouse and Rolls-Royce: an alliance to bring value to the power generation industry 8199
Nicholls, J.F.H., Chai, B.H.T., Corker, D.L., Calabrese, J.C., Henderson, B. KNB ($KNbB_2O_5$) & its isomorphs—a new family of non-linear optical materials 18124
Nicholls, J.F.H., Zhang, X.X., Loutts, G.B., Henderson, B., Bass, M., Chai, B.H.T. Spectroscopy and lasing performance of neodymium doped $KLiYF_5$ & $KLiGdF_5$ 20730
Nicholls, J.T. *see* Liang, C.-T. 42527
Nicholls, J.T. *see* Tewordt, M. 42525
Nicholls, N.S. *see* Judd, D.A. 7284
Nichols, D.A. *see* Curtis, P. 45513
Nichols, D.N. *see* McColgin, W.C. 2685
Nichols, D.T., Lopata, J., Hobson, W.S., Dutta, N.K., Berger, P.R., Sivco, D.L., Cho, A.Y.

Monolithic GaAs/AlGaAs optical transmitter circuit using a single growth step 43689
Nichols, D.T., Lopata, J., Hobson, W.S., Sciortino, P.F., Jr., Dutta, N.K. DFB and DBR lasers emitting at 980 nm 12144
Nichols, G. *see* Drake, D. 6183
Nichols, K.B. *see* Aull, B.f. 3386
Nichols, K.G., Brown, A.D., Kazmierski, T.J., Zwolinski, M. Mixed circuit logic level simulation 42083
Nichols, K.G., Lin, J.T., Brown, A.D., Kazmierski, T.J., Zwolinski, M. Reliability of circuit-level simulation 41562
Nichols, K.G. *see* Howes, R. 43129
Nichols, K.M. Performance studies of digital video in a client/server environment 13965
Nichols, R. *see* Jordan, K. 15295
Nichols, R.J., Schroer, D., Meyer, H. Applications of SPM in the metal plating industry 27365
Nichols, S., Wiesenfeld, K. Mutually destructive fluctuations in globally coupled arrays 43359
Nicholson, D.J. *see* Miller, T.L. 14575
Nicholson, D.J. *see* Skormin, V.A. 14556
Nicholson, D.J. *see* Skormin, V.A. 14653
Nicholson, P.S. *see* Gu Xu 39419
Nicholson, P.S. *see* Patel, N.D. 39418
Nicholson, R.A. Vertical commonality is successful for the Army TACMS missile 24582
Nicia, R. *see* Bechstedt, U. 6934
Niciejewski, R., Killeen, T.L., Turnbull, M. Ground-based Fabry-Perot interferometry of the terrestrial nightglow with a bare charge-coupled device: remote field site deployment 47274
Nick, R. *see* Jurgen, H. 24867
Nick, W. *see* Kreutz, R. 15550
Nick, W.R. *see* Demuth, S. 47410
Nick, W.R. *see* Haubrich, H.-J. 24841
Nickel, J.R., Baker, E.D., Holt, J., Vermuri, S., Bull, G.C., Tran, D.H., Cannon, J., Ockert, W., Wallace, B., Chan, M.L. Wolverine coordinated load management system 7763
Nickel, N.H., Fuhs, W., Mell, H., Beyer, W. Silicon-nitride for amorphous silicon thin-film transistors 9793
Nickel, O., Balz-Fritz, A., Berndt, J., Hahn, K. The use of a realistic head/brain phantom for calibration of activity concentration measurements with SPECT 24186
Nickel, U. *see* Leuschner, R. 11101
Nickel, W. *see* Muller, N. 18113
Nickels, R. *see* Davis, S.L. 1679
Nickerson, G.T. Advanced ultra-high-purity water systems for semiconductor manufacturing 1995
Nickerson, K. *see* Shen, Y. 18973
Nickerson, K. *see* Wu, X. 6275
Nickerson, R.B. *see* French, M. 46849
Nickisch, L.J., Franke, P.M. Toward an FDTD analysis of the standard approximations for propagation in randomly structured ionization 44301
Nicklas, A. *see* Angert, N. 6905
Nicklaus, D. *see* Grajew, G. 37613
Nickles, P. *see* Boisson, J.-Y. 37366
Nicklin, R. *see* Patel, A. 28341
Nickogossian, H.S. *see* Alexanian, A.G. 1917
Nickogossian, V.Ts. *see* Martorossian, G.A. 15553
Nickolay, B. *see* Adam, W. 9328
Nickolls, P. *see* Farrugia, S. 15925
Niclas, K.B., Pereira, R.R., Chang, A.P. Transformers. 2. Transmission lines accurately model autotransformers 1667
Nicol, C.J., Avery, S.C., Hellestrand, G.R. A VLSI architecture for salt-and-pepper filtering of classified images at video rates 30004
Nicol, D., Greenberg, A., Lubachevsky, B. MIMD parallel simulation of circuit-switched communication networks 5311
Nicola, G. Main results of an investigation relevant to possible applications of FACTS equipment in ENEL transmission system 39571
Nicola, G. *see* Buccheri, P. 16469
Nicola, G. *see* di Salvatore, F. 24874
Nicola, S.De *see* De Nicola, S.
Nicolaescu, D. Cone- and wedge-gated field emitter diode and microtriode modeling 42360
Nicolai, J., Castagnet, T. A flexible micro-controller based chopper driving a permanent magnet DC motor 8577
Nicolai, J., Castagnet, T. Controlling a DC motor with a low-end micro-controller 40544
Nicolai, J., Wuidart, L. From nickel-cadmium to nickel-hydride fast battery charger 47987
Nicolai, J.P. *see* Gal, O. 7059
Nicolaidis, K. *see* Hardcastle, W.J. 13052
Nicolaidis, M. Transparent BIST for RAMs 1227
Nicolaidis, M., Vargas, F., Courtois, B. Design of built-in current sensors for concurrent checking in radiation environments 35082
Nicolaidis, M. *see* Yarmolik, V.N. 10154
Nicolaidou, R. *see* Adam, W. 46929
Nicolas, A. *see* Hoeffelman, J. 24924
Nicolas, H., Moscheni, F. Temporal redundancy reduction using a motion model hierarchy and tracking for image sequence coding 36829
Nicolas, H. *see* Moscheni, F. 29944
Nicolau, A. *see* Kolson, D.J. 41943
Nicolau, T. *see* Ahluwalia, K. 39908
Nicolaus, B. *see* Shmaenok, L. 28026
Nicolay, H. *see* Davis, C. 11301
Nicolet, J.-L. Technology transfer or the clash of two cultures 39745
Nicolet, M.-A. *see* Chen, J.S. 27570
Nicolet, M.-A. *see* Kolawa, E. 10998
Nicolet, M.-A. *see* Lie, D.Y.C. 2080
Nicolet, M.-A. *see* Liu, W.S. 672
Nicolet, M.-A. *see* Park, S.-G. 34785
Nicolet, M.-A. *see* Reid, J.S. 11000
Nicolet, M.-A. *see* Vantomme, A. 18148
Nicolics, J. *see* Chabicovsky, R. 6449
Nicolics, J. *see* Smetana, W. 14934
Nicolini, P. *see* Cauzillo, B.A. 16415
Nicolini, R. *see* Biasiol, G. 34584
Nicollian, E.H., Tsu, R. Electrical properties of a silicon quantum dot diode 2421
Nicolls, D.M. A methodology and tool for the prediction of depth of reception in the sea for a VLF/LF communications system 4135
Nicolo, E. Metaproject analysis: multiagent virtual project networks for strategic decisions in preplanning 9184
Nicolson, L.J., Cheetham, B.M.G. A new parameter set for digital filter representation 42051
Nicosia, J., Loss, M., Taylor, G. Autonomous precision approach and landing system APALS 47188
Nicotra, M. *see* Lombardo, S. 19538
Nicoulin, A. *see* Li, W. 22191
Niculescu, H. *see* Gielisse, P.J. 17869
Nido, M., Suzuki, A. Observation of carrier heating in a 1.5 μm band multi-quantum-well semiconductor laser amplifier by time-resolved measurement for amplified spontaneous emission spectrum 28847
Nido, M. *see* Kimura, A. 20803
Nie, J. *see* Grunеberg, K. 30985
Nie, W. Optical Nonlinearity: phenomena, applications, and materials 20990
Nie, X., Raghuramireddy, D., Unbehauen, R. Normalized minimum norm digital filter structure: a basic building block for processing real and complex sequences 10313
Nie, X., Unbehauen, R. An efficient algorithm for the design of 2-D FIR filters 21815
Nie, X. *see* Lin, J.N. 13634
Nie De-Xin *see* Ye Miao-Yuan 31250
Nie Gang *see* Liu De-Ming 38524
Nie Tun Chun *see* Tun Chun Nie
Nie Xiang-Fu *see* Tang Gui-De 28365
Nie Yungang *see* Yue Guangqi 23726
Niebert, N. *see* Keil, K. 37753
Niebo, R.J. *see* Constantini, L.P. 25094
Nieda, H. *see* Otsubo, M. 16460
Niedak, T.Y. *see* Bessenyei, Z. 39824
Niedbalski, J. *see* Fochesatto, G.J. 28923
Niedermeier, K. *see* Hentschel, E. 40093
Niedernostheide, F.-J., Dohmen, R., Willebrand, H., Kerner, B.S., Purwins, H.-G. Transition from pulsating to rocking localized structures in nonlinear dissipative distributive media with global inhibition 28073
Niederreiter, H. Introduction of the KS 2000 digital service telephone system on Austrian Federal Railways 5412
Niederreiter, H., Gottfert, R. Factorization of polynomials over finite fields and characteristic sequences 41134
Niederreiter, H. *see* Bratley, P. 602
Niederreiter, H. *see* Gottfert, R. 29488
Nieh, B.B., Tavares, S.E. Modelling and analyzing cryptographic protocols using Petri nets 12955
Niehage, U. *see* Speck, D. 24922
Niehof, J., Flinn, P.A., Maloney, T.J. Electromigration early resistance increase measurements 6727
Niekamp, K., Behrends, D., Uzdil, N. Electric operation of Deutsche Bundesbahn and Deutsche Reichsbahn 1993 48348
Niekerk, H.van *see* van Niekerk, H.
Niekerk, W.van *see* van Niekerk, W.
Nield, M.W. *see* Jones, C.A. 35445
Nield, M.W. *see* Jones, C.A. 43669
Nield, M.W. *see* Maxwell, G.D. 5645
Nield, M.W. *see* Smith, G.R. 5049
Nielen, M.F.L.van *see* van Nielen, M.F.L.
Nielen, M.J.J.van *see* van Nielen, M.J.J.
Nielinger, H. Digital (IIR) filter biquad section simulated with PSPICE 18874
Niell, A.E. *see* Davis, J.L. 21248
Nielsen, B., Fransson, V. Image quality tests for dental X ray equipment 15782
Nielsen, B., Fransson, V. Image quality tests of conventional and digital radiographic equipment 15800
Nielsen, B. *see* van Veen, A. 10813
Nielsen, B.F. *see* Barker, V.A. 5596
Nielsen, B.S. *see* Adam, W. 7259
Nielsen, B.S. *see* Adam, W. 31715
Nielsen, B.S. *see* Adam, W. 46929
Nielsen, C.D., Martin, A.J. Design of a delay-insensitive multiply-accumulate unit 10045
Nielsen, D. *see* Ballard, D. 39188
Nielsen, H. *see* Haagen, J. 13150
Nielsen, H. *see* Molback Hansen, P. 44767
Nielsen, H. *see* Warner, J. 8209
Nielsen, J.A. *see* Mao, B.-Y. 43020
Nielsen, J.S., Hoefer, W.J.R. Modeling of nonlinear elements in a three-dimensional condensed node TLM mesh 9927
Nielsen, J.S., Hoefer, W.J.R. Generalized dispersion analysis and spurious modes of 2-D and 3-D TLM formulations 21157
Nielsen, K.D., Drewes, A.M., Svendsen, L., Bjerregard, K., Taagholt, S. Ambulatory recording and power spectral analysis by autoregressive modelling of polygraphic sleep signals in patients suffering from chronic pain 38960
Nielsen, K.K. *see* Felsvang, K. 8129
Nielsen, L. How to get the birds in the bush into your hand: results from a Danish research project on electricity savings 16157
Nielsen, M. *see* Jensen, J.B. 541
Nielsen, N.M., Vick, S.G., Hartford, D.N.D. Risk analysis in British Columbia 47803
Nielsen, O.V. *see* Primdahl, F. 46404
Nielsen, O.V. *see* Primdahl, F. 46415
Nielsen, P. *see* Blaabjerg, F. 16854
Nielsen, P. *see* Hoang, L. 18712
Nielsen, P. *see* Schunke, B. 14867
Nielsen, P.A. Information transmission using phase coupling 29681
Nielsen, P.A. *see* Dudley, D.G. 46047
Nielsen, P.S. *see* Schneider, J.M. 30384
Nielsen, R.E., MacBride, R.D. B.C. Hydro's distribution SCADA pilot project 7880
Nielsen, S. *see* Clausen, M.B. 45775
Nielsen, S.H. Listening tests on cascade ISO/MPEG audio codecs 45672
Nielsen, S.M. EuropaNET—contemporary high speed networking 5514
Nielsen, S.S., Zenios, S.A. Massively parallel proximal algorithms for solving linear stochastic network programs 26328
Nielsen, T.G., Canelhas, A., Hansen, B.S. KONTEK—the HVDC-link with the longest land cable in the world 47489
Nielsen, T.N. *see* Stubkjaer, K. 28874
Nielsen-Delaney, P.A. *see* Walsh, D.O. 36894
Niemand, T. *see* Krefter, K.-H. 7924
Niemann, H. *see* Kuhn, T. 13136
Niemann, H. *see* Mast, M. 36599
Niemann, H. *see* Xu, J. 13699
Niemann, R.J. *see* Caber, P.J. 46627
Niemczyk, T.M. *see* Krukar, R.H. 2147
Niemegeers, I.G. *see* Heijenk, G.J. 37270
Niemel, J. *see* Cowan, R.G. 46728
Niemela, J. *see* Salmi, M. 22808
Niemeyer, J. *see* Lemke, S. 20198
Niemeyer, J. *see* Quenter, D. 11551
Niemeyer, J. *see* Vollmer, E. 6279
Niemeyer, L. *see* Windmar, D. 16405
Nieminen, H. *see* Elo, P. 7456
Nieminen, V. *see* Gustafsson, J. 6980
Niemoller, M. *see* Witschital, P. 36631
Niemz, M.H. *see* Pelz, B. 35734
Nienhuis, B. *see* van Ooyen, A. 36965
Nieniewski, M., Kosicka, M. AMFC of the DC motor speed 16896
Niepraschk, H. *see* Dietz, H. 17214
Nier, F. Schrodinger-Poisson systems in dimension $d \leq 3$: the whole-space case [quantum devices] 19725
Niesen, L. *see* van Veen, A. 10813
Niesert, C.-P. *see* Willson, C.G. 11080
Niessen, C. *see* De Loore, B.J.S. 23358
Niessen, G. *see* Andreae, G. 886
Niestegge, G. The impact of traffic shaping on broadband network performance 5139
Nieters, E.J. *see* Hardy, C.J. 7372
Nieto-Camero, J.J. *see* McRobbie, D.W. 38984
Nieto-Taladriz, O. *see* Sandoval, J.D. 45537
Nieto-Vesperinas, M. *see* Sanchez-Gil, J.A. 29143
Nieuwenhuis, L. *see* Woestenburg, E.E.M. 43024
Nieuwenhuizen, T.M. Semi-ballistic transport in disordered narrow devices 2608
Nieuwesteeg, K.J.B.M., van der Veen, M., Vink, T.J. On the current mechanism in reverse-biased amorphous-silicon Schottky contacts. I. Zero bias barrier heights and current transport mechanism 2426
Nieuwesteeg, K.J.B.M., van der Veen, M., Vink, T.J. On the current mechanism in reverse-biased amorphous-silicon Schottky contacts. II. Reverse-bias current mechanism 2427
Nieuwland, A. Blinking detection methods for Loran-C 38183
Nieuwland, A.K. An optimal detection algorithm for harmonic interference signals in Loran-C 38180
Nieves, J.L. *see* Vila, N. 29900
Niewczas, M., Wozniakowski, K Hierarchical circuit comparison as a top-down VLSI design verification technique 2636
Niewczas, M. *see* Lichacz, C. 2665
Nieweglowski, J., Campbell, T.G., Haavisto, P. A novel video coding scheme based on temporal prediction using digital image warping 4936
Nieweglowski, J., Gabbouj, M., Neuvo, Y. Weighted medians—positive Boolean functions conversion algorithms 29584
Nieweglowski, J. *see* Campbell, T.G. 38279
Nigam, R.K. *see* Bhattacharya, B.K. 16531
Nigawara, S. *see* Matsumoto, H. 32634
Nigen, J.S., Amon, C.H. Forced convective cooling enhancement of electronic package configurations through self-sustained oscillatory flows 27355

Niggemeier, M. Degeneracy in integer linear optimization problems: a selected bibliography 18050
Nightingale, C.J.E. *see* Bleijs, J.A.M. 32809
Nightingale, J., Alexander, P. Realizing the potential and results of productivity improvement studies [of power plants] 8035
Nigim, K.A. PC simulation of harmonics in power converters 17031
Nigmatulin, B.I. *see* Balashov, S.M. 16559
Nigon, J.-L. *see* Haas, D. 47669
Nigri, M.E., Treleaven, P.C. High level synthesis of neural network chips 18940
Nigrin, S., Osborne, P., Sawyer, D. Si:Ge heterojunction bipolar transistors and applications 11304
Nigro, F.Lo *see* Lo Nigro, F.
Nigro, N.J. *see* Heinrich, S.M. 26188
Nihart, M.A. *see* Newkerk, O. 22455
Nihei, E. *see* Ishigure, T. 3050
Nihei, E. *see* Koike, Y. 3496
Nihei, E. *see* Yamamoto, T. 28757
Nihei, H., Kawamata, S., Naganuma, R., Mutoh, N. Ultra thin PM type LPM 40258
Nihei, M. *see* Onuki, J. 2248
Nihei, Y. *see* Kobayashi, Y. 12125
Nihey, F. *see* Sakamoto, T. 10709
Nihous, G.C., Mori, Y., Masutani, S.M., Vega, L.A., Kinoshita, C.M. A strategy to reduce CO_2 emissions from hydrocarbon-fueled power plants by precombustion reforming and deep ocean discharge of CO_2 39973
Nii, H. *see* Saito, M. 34957
Nii, K. *see* Maeno, H. 1228
Nii, M., Hirai, M., Koyanagawa, T., Hirai, H., Shimada, O., Kimishima, S., Fukuoka, Y., Shiotari, Y., Hitosugi, M. A new concept of multichip modules (customer designed copper/polyimide thin film interconnections on standardized cofired aluminum nitride substrates) 17889
Nii, T., Matsumoto, S., Matsuda, T. Fabrication of SOS MOSFETs using two-step doping with excimer laser 42976
Niihara, T. *see* Miyamoto, H. 20434
Niijima, Y. *see* Yaji, T. 8974
Niimi, K., Ishide, A., Fujita, M. ADS Pacific Engineering Trials 39237
Niinisto, L. *see* Balek, V. 33627
Niino, T. *see* Kusaka, H. 5724
Niinomi, T. *see* Miyagi, M. 29441
Niiro, M. *see* Hamada, M. 10152
Niitsu, Y., Miyakawa, H., Hidaka, O. Analysis of narrow emitter effects in half-micron bipolar transistors 34935
Niitsu, Y. *see* Mizuno, O. 13938
Niitsu, Y. *see* Shigyo, N. 19791
Niiyama, H. *see* Nakazawa, M. 23518
Niiyama, H. *see* Takeuchi, M. 43224
Niizuma, K. *see* Hasegawa, M. 19188
Nijegorodov, N., Jain, P.K., Carlsson, S. Thermal-electrical, high efficiency solar stills 33174
Nijegorodov, N. *see* Jain, P.K. 39708
Nijhawan, S. *see* Blahnik, C. 32608
Nijmeijer, M.J.P., Landau, D.P. Molecular dynamics study of the growth of optical fibers 11620
Nijs, J. *see* Demesmaeker, E. 8748
Nijs, J. *see* Elgamel, H.E. 17381
Nijs, J. *see* Jain, S.C. 34548
Nijs, J. *see* Poortmans, J. 11162
Nijs, J.F. *see* Poortmans, J. 10681
Nijs, J.M.M.De *see* De Nijs, J.M.M.
Nijssen, S.J.J. *see* de With, P.H.N. 13552
Nijtmans, J.J. Fast calculation of statistical properties for languages based on the new recursive Markov model 13137
Nikai, T. *see* Jianwu Dang 13015
Nikami, A. *see* Sato, K. 14825
Nikawa, K. Focused ion beam applications to failure analysis of Si device chip 35058
Nikawa, K., Matsumoto, C. Nondestructive metal defects detection technique using laser beam 42774
Nikawa, K., Tamegi, H. Failure analysis using focused ion beam 43063
Nikawa, K. *see* Nakamura, T. 43061
Niki, N. *see* Kawata, Y. 24216
Niki, S., Makita, Y., Yamada, A., Shimada, J. Growth and stability of strained layer multiple quantum wells 716
Niki, S. *see* Lee, J.-S. 9615
Niki, S. *see* Lee, J.-S. 33601
Nikias, C.L. *see* Brooks, D.H. 13223
Nikias, C.L. *see* Fonollosa, J.R. 4730
Nikias, C.L. *see* Fonollosa, J.R. 45027
Nikias, C.L. *see* Gaeta, M. 4727
Nikias, C.L. *see* Petropulu, A.P. 21791
Nikias, C.L. *see* Sayrol, E. 5034
Nikias, C.L. *see* Yuanije Chen 45018
Nikiforov, S.M. *see* Vereshchagina, L.N. 18297
Nikiforov, V.G. *see* Novoselov, A.N. 2364
Nikiforuk, P.N. *see* Rao, D.H. 29415
Nikishin, S.A. *see* Antipov, V.G. 41252
Nikitakos, N. *see* Frangos, P. 12569
Nikitenko, A.G. *see* Shchuchinskii, S.Kh. 4015
Nikitichev, A.A. *see* Antipenko, B.M. 35747
Nikitin, A.S. *see* Borisov, A.N. 12296
Nikitin, A.S. *see* Borisov, A.N. 44034
Nikitin, O.A., Tokarsky, A.Ju. Compact high-voltage overhead transmission line and regimes of their work 39620
Nikitin, O.A., Vereshchagin, I.P., Makalsky, L.M., Beloglovsky, A.A. Lightning protection of 1150 kV transmission line anchor-angle support unit 25034
Nikitin, S.Yu. *see* Apanasevich, P.A. 3882
Nikitin, S.Yu. *see* Prins, F.E. 27542
Nikitin, V. *see* Grebennik, V.N. 39837
Nikitin, V.G. *see* Zhebulev, I.A. 28650
Nikitin, V.L. *see* Pupynin, V.N. 17536
Nikitin, V.V. *see* Ivanova, N.L. 3221
Nikitin, V.V. *see* Ivanova, N.L. 11694
Nikitin, V.V. *see* Kuz'mina, I.I. 3222
Nikitin, Y.B. *see* Sud'enkov, Y.V. 18336
Nikitin, Yu.A. *see* Gurevich, I.N. 9999
Nikitin, Yu.M. *see* Mironov, Yu.V. 47692
Nikitov, S.A. *see* Boardman, A.D. 43262
Nikitov, S.A. *see* Boardman, A.D. 43263
Nikityuk, N.M. The syndrome coding technique and its application to fast event selection in high-energy physics experiments 15658
Nikodem, M., Bhattacharyya, B.B. Switched-capacitor realization of the associative memory 10365
Nikogossian, A. *see* Laziev, E. 21006
Nikogossian, V.Ts. *see* Babaian, A.Z. 15398
Nikolaenko, K. *see* Doberstein, S. 2770
Nikolaenko, V.M. Synthesis of electric circuits by the method of transformation structures based on their hypermodels 1010
Nikolaev, D.A., Odintsov, V.I. Optical phase conjugation in a degenerate resonator with a saturable absorber and a gain medium 29002
Nikolaev, I.N. *see* Bykovskii, Yu.A. 38438
Nikolaev, V.A., Kopchenov, V.E., Kozunov, A.V., Krivonogov, S.M., Plastinin, N.B. Spark counters developed at the V.G. Khlopin Radium Institute 38876
Nikolaev, V.A., Vorobyov, I.B., Kozunov, A.V., Krivokhatskiy, A.S. Track method for personal dosimetry for a nuclear-powered fleet 39128
Nikolaev, V.A. *see* Abdushukurov, D.A. 38843
Nikolaev, V.A. *see* Barsky, A.G. 36057
Nikolaev, V.D. *see* Kalinovsky, V.V. 35661
Nikolaev, V.D. *see* Zagidullin, M.V. 43735
Nikolaev, V.N. *see* Andreeva, R.I. 20816
Nikolaevskaya, E.A. *see* Aksinenko, V.D. 7265
Nikolaidis, S.S., Mourjopoulos, J.N., Goutis, C.E. A dedicated processor for time-varying digital audio filters 10209
Nikolaidis, S.S. *see* Economou, G.-P. 18412
Nikolaishvili, G.T. *see* Bondarev, B.I. 46760
Nikolajeff, F., Ekberg, M., Larsson, M., Bengtsson, J., Hard, S. Shape distortion of diffractive optical elements, directly written with electron beam lithography 12459
Nikolajeff, F. *see* Larsson, M. 44148
Nikolajevic, S.V. Investigation of water effects on degradation of crosslinked polyethylene (XLPE) insulation 32428
Nikolaus, B. *see* Bijkerk, F. 11999
Nikolayev, A.G. *see* Danilychev, M.V. 12590
Nikolic, M., Van Dyk, J. Use of a megavoltage constancy meter for orthovoltage quality assurance 31975
Nikolic, N. *see* Batechlor, R.A. 5733
Nikolic, Z., Stefanovic, M., Stojanovic, N. Upper bound of error probability in the presence of intersymbol interference and jitter 44638
Nikol'nikov, I.A. *see* Erygin, A.I. 23836
Nikolopoulos, P.V., Sreedharan, V.P. An algorithm for computing nonnegative minimal norm solutions 33532
Nikolos, D. *see* Haniotakis, T. 26810
Nikolotov, V.N. *see* Miropolskiy, Yu.F. 34136
Nikolov, I.D., Sultanova, N.G., Monovsky, V.K. Adaptive optical systems for pattern processing 30043
Nikolov, N.A. *see* Yovchev, I.G. 21176
Nikolov, Z., Pantchev, B.G. Optimization of homogeneous refracting waveguide lens systems by ray tracing 43484
Nikolov, Z. *see* Pantchev, B. 28490
Nikolovski, S., Mravak, I. Reliability calculation of production-transmission system using tabled-logical method 25088
Nikolskaya, T.I., Nikolskii, V.V. Novel CAL package 'Electromagnetics': the uses from schools to universities and further 26105
Nikolskaya, T.I. *see* Nikolskii, V. 29250
Nikol'skii, A.A. New high-precision electric drives with piezocompensators for machine tools, mechanisms, and instruments 17634
Nikolskii, M.S. Works by L.S. Pontriagin on differential games: a short survey 41053
Nikol'skii, M.Yu. *see* Zagumennyi, A.I. 35748
Nikolskii, V., Nikolskaya, T.I. Method MAD: 3-D problems including scattering by chiral elements in waveguide 29250
Nikol'skii, V.A. *see* Gamkrelidze, E.L. 9377
Nikolskii, V.V. *see* Nikolskaya, T.I. 26105
Nikolsky, I.V. *see* Doskolovich, L.L. 12288
Nikonenkov, N.V., Krylov, V.D., Kudryavtsev, A.N. Investigation of the control mode of a mercury-wetted contact relay 32968
Nikonorov, N.V., Kolobkova, E.V., Zakhvatova, M.B. Niobium phosphate glass planar optical waveguides fabricated by ion exchange 20350
Nikonorov, N.V., Palagin, D.A., Shchavelev, O.S., Golovina, O.A. Planar optical waveguides based on laser silico-aluminophosphate glass fabricated by ion exchange 20349
Nikonov, V.I. *see* Ivakhnik, V.V. 29040
Nikonov, V.I. *see* Ivakhnik, V.V. 36017
Nikoskinen, K.I. Time-domain study of half-space transmission problem with vertical and horizontal dipoles 4076
Nikoskinen, K.I. Time-domain study of half-space transmission problem with vertical and horizontal dipoles 29339
Nikoskinen, K.I., Lindell, I.V., Ermutlu, M.E. Transient analysis of conducting half-plane problem with noncausal scattering image 29121
Nikoskinen, K.I. *see* Lindell, I.V. 3984
Nikoskinen, K.I. *see* Sten, J.C.-E. 21172
Nikoukhah, R. *see* Benveniste, A. 36776
Nikoukhah, R. *see* Chou, K.C. 44932
Nikulski, R. *see* Weber, A. 42754
Nikumb, S.K., Seguin, H.J.J. Truncated cone as a pseudoconjugator in a high-power carbon dioxide laser 3709
Nikutta, W. *see* Terletzki, H. 19862
Nikzad, S., Wong, S.S., Ahn, C.C., Smith, A.L., Atwater, H.A. In situ reflection electron energy loss spectroscopy measurements of low temperature surface cleaning for Si molecular beam epitaxy 673
Nikzad, S. *see* Atwater, H.A. 33611
Nilan, M.S. Speculations on the impact of global electronic networks on human cognition and human organization 14100
Nilausen, J. Token ring network management 5574
Nilausen, J. Token ring network management: problem management 14207
Nilaya, P. *see* Biswas, D.J. 3707
Niles, D.W. *see* Melendez-Lira, M. 41269
Niles, L. *see* Micak, R. 27766
Nilles, K.W. *see* Euteneuer, H. 15286
Nilsen, J., MacGowan, B.J., Da Silva, L.B., Moreno, J.C. Prepulse technique for producing low-Z Ne-like X-ray lasers 28692
Nilsen, J. *see* Moreno, J.C. 35646
Nilsen, S. *see* Ripoll, C. 27302
Nilsen, S.M., Lundgren, L. An approximative analysis of the output power of a resonant tunneling diode oscillator 1502
Nilssen, R. *see* Mo, O. 8867
Nilsson, A. *see* Abrahamsson, K. 15584
Nilsson, A. *see* Bagge, L. 15311
Nilsson, A.A., Jou, Y.F. Performance analysis of a digital mobile communication system 37780
Nilsson, A.A. *see* Jou, Y.F. 13878
Nilsson, A.A. *see* Jou, Y.F. 45282
Nilsson, A.A. *see* Zhi Cui 45320
Nilsson, D. *see* le Grand, J.B. 24051
Nilsson, E. *see* Lindell, F. 5773
Nilsson, E. *see* Lindell, F. 45863
Nilsson, G. *see* Zhong, J. 15702
Nilsson, J., Jaskorzynska, B. Modeling and optimization of low-repetition-rate high-energy pulse amplification in cw-pumped erbium-doped fiber amplifiers 20748
Nilsson, J., Jaskorzynska, B., Blixt, P. Performance reduction and design modification of erbium-doped fiber amplifiers resulting from pair-induced quenching 43792
Nilsson, J. *see* Kirkhorn, T. 38969
Nilsson, J.L. *see* Dawei Zhang 34251
Nilsson, J.L. *see* Zhang, D. 21381
Nilsson, K., Soderstrom, M., Karlsson, B.G. MIND optimization reduces the system cost at a refinery 33169
Nilsson, K. *see* Bjork, C. 9030
Nilsson, N.E., Mercurio, J. Synchronous generator capability curve testing and evaluation 47863
Nilsson, P., Torkelson, M., Palmkvist, K., Vesterbacka, M., Wanhammar, L. A bit-serial CMOS digital IF-filter for mobile radio using an on-chip clock 42062
Nilsson, P.A. *see* Brorsson, G. 26428
Nilsson, P.A. *see* Ivanov, Z.G. 35287
Nilsson, P.A. *see* Olsson, E. 2874
Nilsson, P.A. *see* Zhang, Y.M. 43347
Nilsson, S., Kjellberg, T., Klinga, T., Wallin, J., Streubel, K., Schatz, R. DFB laser with nonuniform coupling coefficient realized by double-layer buried grating 28864
Nilsson, S. *see* Grund, C.E. 16212
Nilsson, S. *see* Kjellberg, T. 20848
Nilsson, S. *see* Oberg, M. 28686
Nilsson, S. *see* Oberg, M. 43929
Nilsson, S. *see* Pedersen, R.J.S. 23008
Nilsson, S.L. *see* Grund, C.E. 24698
Nilsson, S.L. *see* Hingorani, N.G. 47433
Nilsson, T. The insulated gate bipolar transistor response in different short circuit situations 1055
Nilsson, U. *see* Gubanski, S.M. 11381
Nilsson, U.H. Development of water tree resistant XLPE compounds 43211
Niman, M. *see* Hawley, M. 36278
Nimberger, A., Lupu, R., Levi, S., Laufer, E., Klein, P., Yamin, H. Development of the state of charge meter for Li/MnO_2 cells/batteries 17188

Nimier, V., Jourdain, G. Active estimation of a multipath propagation channel with a Bayesian strategy 6152
Nimmagadda, S. *see* Senthinathan, R. 17896
Nimura, H., Fujisaki, A., Kinoshita, K. Optical cable identifier utilizing the external photoelastic polarization modulation 14591
Nin Zbiming, Sun Baoyuan, Han Genglin, Qian Min Development of intelligent three dimensional vibration acceleration monitor 23906
Ninane, A. *see* Slypen, I. 31673
Ning, T., Bronzino, J.D. Nonlinear analysis of the hippocampal subfields of CA1 and the dentate gyrus 31920
Ning, T.H. *see* Shahidi, G.G. 11305
Ning, Y.N., Jackson, D.A. Review of optical current sensors using bulk-glass sensing elements 14992
Ning, Y.N., Jackson, D.A. Recent developments in the field of bulk- optic current sensors 38449
Ning, Y.N., Liu, Y., Grattan, K.T.V., Palmer, A.W., Weir, K. Relation between the coherence length and modal noise in a graded-index multimode fiber for white-light interferometric systems 46476
Ning, Y.N., Wang, D.N., Grattan, K.T.V., Palmer, A.W., Weir, K. A detailed study of synthesized light sources for white-light interferometric systems 21149
Ning, Y.N. *see* Chu, B.C.B. 14935
Ning, Y.N. *see* Chu, B.C.B. 23550
Ning, Y.N. *see* Wang, D.N. 46384
Ning Baojun *see* Zhang Lichun 27562
Ning Chen, Sun, Z.L. Theoretical analysis of whispering-gallery mode dielectric resonator in mm-wave MIC 1401
Ning Fang, Hsiu-Ping Wang, Ming-Chieh Cheng A fuzzy target recognition system with homomorphic invariant feature extraction 5013
Ning Hua Zhu, Zi Qian Wang Analysis of electrooptically induced waveguides in strontium barium niobate and optical modulators 3202
Ning Jiping, Liu Hongwei, Yao Jianquan, Zheng Yi Theoretical analysis of fiber laser amplifiers for four-level system 12046
Ning Jiping, Yao Jianquan, Sheng Weidong, Wang Xinglong Titanium doped sapphire laser pumped by pulsed laser 20705
Ning Li *see* Li Ning
Ning Liu, Cios, K.J. Learning rules by integer linear programming 7343
Ning Wang *see* Aubourg, E. 19925
Ning Yujie *see* Li Benren 44463
Ning Zhao *see* Zhao Ning
Ning Zhao Wei *see* Wei Ning Zhao
Ning Zheng *see* Zheng Ning
Ning-Chen Lee *see* Xiao, M. 34410
Ning-Cheng Lee *see* Jozefowicz, M.E. 17959
Ning-Cheng Lee *see* Manchao Xiao 19219
Ningkang Huang *see* Huang Ningkang
Ningo, N.N., Kwankam, S.Y., Bilikha, J.B., Ngundam, J.M., Sone, M. Digital communication on electric power lines using waveform modification: bandwidth requirements 22748
Ningo, N.N. *see* Kwankam, S.Y. 25064
Ningsheng Cai *see* Cai Ningsheng
Ninidze, G.K. *see* Dobrovol'skii, V.N. 1951
Nino, F., Rivera, L., Pion, J.-C. Linear feature enhancing by hyperbolic-Gaussian filtering 39354
Ninomiya, A. *see* Ishigohka, T. 34306
Ninomiya, A. *see* Ishigohka, T. 35297
Ninomiya, H. *see* Sugino, T. 27568
Ninomiya, H. *see* Yoshida, H. 28694
Ninomiya, H. *see* Yoshida, H. 43722
Ninomiya, K., Haku, H., Tarui, H., Nakamura, N., Tanaka, M., Wakisaka, K., Tsuda, S., Nishiwaki, H., Nakano, S., Kuwano, Y. High-quality amorphous silicon carbide prepared by a new fabrication method for a window p-layer of solar cells 8780
Ninomiya, K. *see* Maruyama, E. 33052
Ninomiya, N. *see* Okada, H. 11700
Ninomiya, S. *see* Katayama, T. 6901
Ninomiya, S. *see* Katayama, T. 15317
Ninomiya, T., Wu, R.-H., Kodera, Y., Kohama, T., Ihara, F. Novel control strategy for parallel operation of power supply modules 8640
Ninomiya, T. *see* Fukuhara, M. 35243
Ninomiya, T. *see* Hiroi, T. 17950
Ninomiya, T. *see* Watanabe, M. 27847
Ninomiya, Y. *see* Gohshi, S. 13493
Ninomiya, Y. *see* Gohshi, S. 30150
Ninomiya, Y. *see* Izumi, Y. 29892
Ninomiya, Y. *see* Itoh, Y. 46209
Niou, J. *see* Matsuyama, A. 9219
Nisancioglu, K., Gur, T.M. Oxygen diffusion in iron doped strontium cobaltites 17274
Nisancioglu, K. *see* Karoliussen, H. 17316
Nisati, A. *see* Bencze, G.L. 38858
Nisbet, K. *see* Mulgrew, B. 13431
Nishi, K. *see* Ohtomo, A. 42914
Nishi, K. *see* Tahata, S. 15150
Nishi, K. *see* Yokoyama, H. 3710
Nishi, M., Yasaka, Y. Advanced system for pumped storage plant 25266
Nishi, M. *see* Koizumi, N. 20227
Nishi, M. *see* Tsuji, H. 28422
Nishi, N., Jitsuno, T., Tsubakimoto, K., Murakami, M., Nakatsuka, M., Nishihara, K., Nakai, S. Aspherical multi lens array for uniform target irradiation 35931
Nishi, S., Saruwatari, M. Comparison of noise figure measurement methods for erbium doped fiber amplifiers 28803
Nishi, S. *see* Iwatsuki, K. 30732
Nishi, S. *see* Kawai, S. 37972
Nishi, S. *see* Shikata, M. 10101
Nishi, S. *see* Suzuki, K. 5977
Nishi, T., Kawane, Y. Necessary and sufficient conditions for the basic equation of nonlinear resistive circuits containing ideal diodes to have a unique solution 1007
Nishi, T., Yamamoto, T., Kuroyanagi, S. A polarization-controlled free-space photonic switch based on a PI-LOSS switch 22740
Nishi, T. *see* Kuroyanagi, S. 5681
Nishi, T. *see* Sato, N. 14739
Nishibayashi, A. *see* Yamakawa, M. 14827
Nishibe, Y., Kuwabara, K., Ishida, T., Yokoo, M. Speed-up of distributed constraint satisfaction and its application to communication network path assignments 22447
Nishibori, K. *see* Nakajima, J. 6165
Nishida, A. *see* Mameno, K. 19527
Nishida, A. *see* Yoh, K. 19401
Nishida, A. *see* Yoh, K. 27532
Nishida, A. *see* Yoh, K. 42497
Nishida, D.L. *see* Buzak, T.S. 23812
Nishida, H., Inoue, T., Hirai, H., Tsukihashi, A., Sugishita, S., Abe, Y. The development of a circuit for the compression of digital audio 6263
Nishida, H. *see* Kaneko, Y. 25585
Nishida, H. *see* Shogen, K. 5852
Nishida, J. *see* Uchida, N. 27994
Nishida, K., Matsumura, K., Matsuda, K., Kuriya, C., Nakamura, M., Miyoshi, Y., Moritani, K., Tada, H. 'Easy-to-see' indications for domestic white goods corresponding to the needs of elderly consumers 23830
Nishida, K. *see* Yokota, K. 10805
Nishida, M., Uda, H., Harada, Y. A new method for the measurement and analysis of noise parameters for MESFETs and HEMTs 10460
Nishida, M. *see* Kasezawa, T. 31010
Nishida, M. *see* Nakai, T. 38272
Nishida, S. New digital audio: digital compact cassette and mini disc 38368
Nishida, S., Takechi, K., Hirano, N., Uchida, H. Simulations on back gate effects of a-Si TFT off-current under illumination 34997
Nishida, S. *see* Minoda, H. 23366
Nishida, S. *see* Yoshizawa, J. 24820
Nishida, T., Sugiura, H., Notomi, M., Tamamura, T. InGaAs/InP quantum wires selectively grown by chemical beam epitaxy 665
Nishida, T. *see* Kitsukawa, G. 26921
Nishida, T. *see* Kitsukawa, G. 26953
Nishida, T. *see* Shimizu, M. 9689
Nishida, T. *see* Tandai, M. 10112
Nishida, T. *see* Taniguchi, K. 22636
Nishida, Y., Muraoka, H., Nakamura, Y. A study of ultra-high linear density recording of perpendicular magnetic recording 43307
Nishida, Y., Ohishi, Y., Kanamori, T., Terunuma, Y., Kobayashi, K., Sudo, S. Preparation of Pr^{3+}-doped InF_3-based fluoride single-mode fibers and first demonstration of 1.3 μm amplification 28798
Nishida, Y. *see* Fujiura, K. 818
Nishida, Y. *see* Nakajima, K. 7013
Nishida, Y. *see* Ogata, A. 6952
Nishida, Y. *see* Sone, K. 27022
Nishida, Y. *see* Sone, K. 42000
Nishida, Y. *see* Yoshida, Y. 6954
Nishida, Y. *see* Yugami, H. 23952
Nishigaki, M., Tanaka, N., Asai, H. Mixed mode circuit simulator SPLIT2 using dynamic network separation and latency 18404
Nishigaki, M. *see* Hayashi, K. 10041
Nishigaki, R. *see* Umemura, S. 15897
Nishigori, T. *see* Suzuki, H. 11331
Nishiguchi, M., Fujihara, M., Miki, A., Nishizawa, H. Precision comparison of surface temperature measurement techniques for GaAs ICs 23927
Nishiguchi, M. *see* Miki, A. 33359
Nishiguchi, N. *see* Komori, F. 14874
Nishiguchi, N. *see* Komori, F. 20056
Nishiguchi, N. *see* Toyoda, T. 18661
Nishihara, A. *see* Cooklev, T. 27079
Nishihara, A. *see* Cooklev, T. 36712
Nishihara, A. *see* Ishiwata, S. 27069
Nishihara, A. *see* Murakoshi, N. 1323
Nishihara, A. *see* Murakoshi, N. 18846
Nishihara, A. *see* Murakoshi, N. 27087
Nishihara, A. *see* Samadi, S. 18878
Nishihara, A. *see* Watanabe, E. 18889
Nishihara, A. *see* Watanabe, E. 34181
Nishihara, A. *see* Yoshida, T. 1332
Nishihara, H., Kojima, A., Murakoshi, H., Ishijima, S. The multi-layer neural network applied to a car detection system 8959
Nishihara, H. *see* Fujimura, M. 20971
Nishihara, H. *see* Haruna, M. 43763
Nishihara, H. *see* Suhara, T. 20344
Nishihara, H. *see* Suhara, T. 21075
Nishihara, H. *see* Suhara, T. 28964
Nishihara, H. *see* Ura, S. 43501
Nishihara, H. *see* Ura, S. 43524
Nishihara, H. *see* Ura, S. 46654
Nishihara, K. *see* Nishi, N. 35931
Nishihara, T. *see* Ikata, O. 2765
Nishihori, K. *see* Nagaoka, M. 42194
Nishii, K. *see* Endo, N. 46562
Nishii, O. *see* Okada, T. 41914
Nishiike, U., Kan, T., Honda, A. Influence of surface properties on the stress magnetization properties of grain-oriented silicon steel 43255
Nishijima, K., Tsuneyasu, I., Nakahodo, H., Minakami, M. A simple calculation method of flashover characteristics for long air gaps under various discharge conditions 2707
Nishijima, M. *see* Maeda, M. 37730
Nishijima, T. *see* Nashiyama, I. 34902
Nishikata, A., Kiener, S. Shielding effectiveness of non-perfect conducting enclosures: characterization of walls and numerical applications 44441
Nishikata, A., Kiener, S., Ohtsubo, M., Shinozuka, T., Sugiura, A. A rigorous analysis for test methods of EM-shielding materials 4164
Nishikata, S., Takanami, W., Kataoka, T., Ishizaki, A. Consideration to the operation limit of a field-weakening speed control system for a self-controlled synchronous motor 16815
Nishikata, S. *see* Ishizaki, A. 25404
Nishikawa, H. *see* Adachi, N. 1837
Nishikawa, H. *see* Itagaki, M. 17862
Nishikawa, J. *see* Kataoka, K. 14350
Nishikawa, K., Kusumi, Y., Oomori, T., Hanazaki, M., Namba, K. Platinum etching and plasma characteristics in RF magnetron and electron cyclotron resonance plasmas 27693
Nishikawa, K. *see* Kiya, H. 37026
Nishikawa, M. *see* Kotoh, K. 6862
Nishikawa, M. *see* Morita, K. 39627
Nishikawa, M. *see* Yamada, T. 10489
Nishikawa, O., Akimoto, T., Tsuchiya, T., Yoshimura, T., Ishikawa, Y. Field ion microscope with photostimulable phosphor screen—new approach for quantitative analysis of FIM images 42380
Nishikawa, O. *see* Tomitori, M. 26414
Nishikawa, R.M., Jiang, Y., Giger, M.L., Doi, K., Vyborny, C.J., Schmidt, R.A. Computer-aided detection of clustered microcalcifications 24237
Nishikawa, S. *see* Igarashi, Y. 42760
Nishikawa, S. *see* Tani, K. 42552
Nishikawa, T. *see* Matsumoto, H. 42030
Nishikawa, T. *see* Yamaguchi, Y. 38164
Nishikawa, Y. *see* Aoki, T. 41415
Nishikawa, Y. *see* Itaya, K. 12200
Nishikawa, Y. *see* Onomura, M. 12234
Nishikawa, Y. *see* Suzuki, M. 18181
Nishima, O. *see* Ohki, H. 15075
Nishimae, J. *see* Takenaka, Y. 12276
Nishimori, H. Optimum decoding temperature for error-correcting codes 4401
Nishimori, T. *see* Mizukami, Y. 16268
Nishimoto, C. *see* Majidi-Ahy, R. 10453
Nishimoto, H. *see* Yamamoto, Y. 20445
Nishimoto, J. *see* Okada, T. 41914
Nishimoto, M. *see* Ikuno, H. 21203
Nishimoto, M. *see* Ikuno, H. 44287
Nishimoto, M. *see* Ohmori, T. 44288
Nishimoto, S., Sugiura, M. Trends of digital broadcasting in Japan 6175
Nishimoto, Y. *see* Fisher, S.M. 10926
Nishimoto, Y. *see* Jin, Y. 17951
Nishimoto, Y. *see* Takamatsu, H. 10874
Nishimura, A. *see* Numata, K. 10163
Nishimura, A.M. *see* Granger, B.E. 38404
Nishimura, C., Satoh, M., Masuda, J.-I. Forward detection technique for microtunneling system 22745
Nishimura, E., Saeki, K., Abe, S., Kobayashi, A., Morii, Y., Keishi, T., Tomimasu, T., Hajima, R., Hara, T., Ohashi, H., Akiyama, M., Kondo, S., Yoshida, Y., Ueda, T., Kobayashi, T., Uesaka, M., Miya, K. Optical performance of the UT-FEL at first lasing 43974
Nishimura, F., Tabors, R.D., Ilic, M.D., Lacalle-Melero, J.R. Benefit optimization of centralized and decentralized power systems in a multi-utility environment 24714
Nishimura, H. *see* Ogawa, S. 801
Nishimura, H. *see* Sakurai, N. 16590
Nishimura, H. *see* Uehara, K. 12770
Nishimura, K., Iida, H., Hayashi, H., Asano, T. application of neural network to operation of power generating units 16491
Nishimura, K., Nagao, Y., Sakai, K. Low temperature metalorganic vapor phase epitaxy of ZnSe and ZnSSe onto GaAs using tertiarybutylselenol 18225
Nishimura, K. *see* Miyata, K. 816
Nishimura, K. *see* Mori, T. 23303
Nishimura, K. *see* Osaka, T. 40406
Nishimura, K. *see* Sakamoto, H. 22719
Nishimura, K.A., Gray, P.R. A monolithic analog video comb filter in a 1.2 μm CMOS 30958
Nishimura, K.A., Gray, P.R. A monolithic analog video comb filter in 1.2-μm CMOS 42044
Nishimura, M., Shigesawa, H. FDTD analysis of the reflection characteristics of optical wave from lossy anisotropical dielectric layer 36221
Nishimura, M. *see* Onishi, M. 28459
Nishimura, M. *see* Onishi, M. 38008
Nishimura, M. *see* Shigematsu, M. 30754
Nishimura, N. *see* Tanahashi, T. 40575

Nishimura, R., Aoki, Y., Kayukawa, N. Consideration of optimal magnet coil design for 1300 MWth coal combustion magnetohydrodynamic generator 8781
Nishimura, R., Aoki, Y., Kayukawa, N. Configuration optimization for a coupled 200 MWe MHD channel and magnet coil system 25289
Nishimura, R., Aoki, Y., Kayukawa, N., Oikawa, S., Yatsu, S. Maximum power design of a coupled MHD generator and magnet coil system for 1300 MWth coal combustion MHD generator 25766
Nishimura, S. A fixed-point roundoff error analysis of adaptive notch filters 13299
Nishimura, S., Tomita, Y. Development of an active electrode with an amplifier for surface electromyogram 31949
Nishimura, S. *see* Hattori, K. 27910
Nishimura, S. *see* Wada, M. 24908
Nishimura, T., Dong-Ik Lee, Kumagai, S., Kodama, S. Decomposition algorithms for live and safe free choice nets 26298
Nishimura, T., Ishimura, E., Nakajima, Y., Tada, H., Kimura, T., Ohkura, Y., Goto, K., Omura, E., Aiga, M. All-MOCVD grown BH laser with low threshold current on P-InP substrates 3633
Nishimura, T. *see* Joachim, H.-O. 11202
Nishimura, T. *see* Joachim, H.-O. 42919
Nishimura, T. *see* Katafuchi, T. 38967
Nishimura, T. *see* Kimura, T. 18223
Nishimura, T. *see* Morita, Y. 39351
Nishimura, Y., Fukitani, K., Maruoka, Y., Asano, S., Kanamori, H., Kurihara, A. APEX S2000/NEAX2400SDS-SP 14343
Nishimura, Y. *see* Ukita, M. 26922
Nishimura, Y. *see* Ukita, M. 34049
Nishinaga, T. *see* Tanaka, M. 26431
Nishinaga, T. *see* Xu-Qiang Shen 26443
Nishine, K. *see* Takamatsu, H. 10874
Nishino, H. *see* Sakamoto, K. 27870
Nishino, H. *see* Sakamoto, K. 27912
Nishino, J. *see* Fujiwara, S. 2314
Nishino, J. *see* Tanaka, T. 11099
Nishino, M. *see* Oikawa, H. 37644
Nishino, S. *see* Kimura, T. 3282
Nishino, S. *see* Nordell, N. 41449
Nishino, T., Hatano, M., Saitoh, K. Tunable interference of Andreev-reflected quasi-particle wave functions in mesoscopic superconductor/semiconductor structures 2912
Nishino, T. *see* Takeda, E. 11527
Nishino, Y. Development trends in ISDN terminals and systems 30536
Nishino, Y. State-of-the art sensor technology turns to magnetic rotation devices 38454
Nishinoiri, K., Warabisako, M., Ishimaru, N. Development of photovoltaic power generation technology 48136
Nishio, J. *see* Saito, Y. 2605
Nishio, J. *see* Saito, Y. 26392
Nishio, K. *see* Isshiki, T. 19317
Nishio, K. *see* Masuda, H. 10933
Nishio, M., Takagi, K., Ogura, I., Kawai, S., Numai, T., Suzuki, S., Kasahara, K., Kaede, K. Photonic ATM switch using vertical to surface transmission electro-photonic devices (VSTEPs) 14360
Nishio, M., Takagi, K., Ogura, I., Kawai, S., Numai, T., Suzuki, S., Kasahara, K., Kaede, K. Photonic ATM switch using vertical to surface transmission electro-photonic devices (VSTEPs) 30588
Nishio, M. *see* Ikejiri, M. 41322
Nishio, M. *see* Shiragaki, T. 30860
Nishio, M. *see* Tanaka, H. 3035
Nishio, N. *see* Mikoshiba, H. 11272
Nishio, S. *see* Kawano, H. 13887
Nishio, S. *see* Kawano, H. 30319
Nishioka, H., Kimura, K., Ueda, K., Takuma, H. High compression ratio backward Raman conversion for high brightness excimer laser systems 3461
Nishioka, H. *see* Arakawa, T. 9750
Nishioka, M. *see* Ichikawa, Y. 25333
Nishioka, M. *see* Kono, T. 42414
Nishioka, M. *see* Zhang, Z.L. 35923
Nishioka, T. *see* Hibino, H. 26427
Nishioka, Y. *see* Okawa, K. 19199
Nishita, T. Technological elements of CG in lighting design 40646
Nishitani, K. *see* Izumi, S. 11246
Nishitani, M. *see* Kohiki, S. 34504
Nishitani, T. *see* Hatamian, M. 27005
Nishitsuji, A. *see* Munehiro, T. 22795
Nishiuchi, K. *see* Miyagawa, N. 20268
Nishiura, M. *see* Kanoh, H. 16391
Nishiura, M. *see* Kato, A. 17286
Nishiwaki, H., Sakai, S., Matsumi, S., Tsuda, S., Kiyama, S.B., Yamamoto, Y.B., Hosokawa, H.B., Suzuki, R.B., Osumi, O., Ohnishi, M., Nakano, S. Through-hole contact (THC) integrated-type a-Si solar cell submodule by a new laser photo-etching method 17385
Nishiwaki, H. *see* Matsuyama, T. 9687
Nishiwaki, H. *see* Ninomiya, K. 8780
Nishiwaki, H. *see* Terakawa, A. 17402
Nishiwaki, H. *see* Tsuda, S. 33064
Nishiwaki, S., Ishikawa, M., Terashima, K. Ferroresonance temporary overvoltages appearing at uneven switching of transformers for arc furnaces 17610
Nishiwaki, S. *see* Yamagata, Y. 40377
Nishiwaki, S. *see* Zaima, E. 25570
Nishiwaki, Y. *see* Saito, Y. 26964
Nishiwaki, Y. *see* Saito, Y. 27002
Nishiya, K. *see* Gibson, G. 8139
Nishiya, K. *see* Gibson, G. 25216
Nishiya, K. *see* Kameoka, N. 39547
Nishiyama, H. *see* Aizawa, M. 17378
Nishiyama, I. *see* Teraoka, Y. 19543
Nishiyama, K. *see* Natori, K. 48227
Nishiyama, K. *see* Sasaki, H. 48250
Nishiyama, N. *see* Hayashi, H. 35638
Nishiyama, T. *see* Egami, T. 47900
Nishiyama, T. *see* Fukaumi, T. 42260
Nishiyama, T. *see* Nakamura, Y. 41861
Nishizaka, T. *see* Higashiki, T. 42802
Nishizaka, T. *see* Uchida, N. 27994
Nishizaki, N. *see* Ogawa, K. 15730
Nishizawa, A. *see* Kusaka, T. 26966
Nishizawa, A. *see* Ohtsubo, H. 14823
Nishizawa, H. *see* Miki, A. 33359
Nishizawa, H. *see* Nishiguchi, M. 23927
Nishizawa, H. *see* Pham, T.H. 16785
Nishizawa, H. *see* Sugiuchi, M. 3306
Nishizawa, K. *see* Maruyama, T. 24374
Nishizawa, N., Kume, S., Mori, M., Goto, T., Miyauchi, A. Evaluation of noise increase due to pump light crosstalk in quadrature squeezed light generation with a fibre ring reflector 35333
Nishizawa, N. *see* Sakai, T. 17311
Nishizawa, T. International trend of standardization 6176
Nishizawa, Y. *see* Yagi, Y. 16078
Nishizuru, T. *see* Iwata, Y. 7312
Nisihata, K., Umino, S., Gotou, K., Nakajima, A. Design of transmission equipment management function on SDH-based 52/156M digital cross-connect system 30327
Nisius, D. *see* Davids, C.N. 24115
Nissel, T. *see* Marx, A. 20207
Nissen, H.-U. *see* Muller, E. 42561
Nissen, I. *see* Kosmol, P. 33528
Nissenbaum, I.A. *see* Ermakov, S.A. 9070
Nissenbaum, I.A. *see* Kudryashov, R.A. 9069
Nissila, S., Kostamovaara, J. A fibre laser as the pulse source for laser rangefinder system 3530
Nitami, K. *see* Morita, Y. 2097
Nitanda, F. *see* Furukawa, Y. 21073
Nithianandam, J., Guenther, B.W., Allison, L.J. An anecdotal review of NASA Earth observing satellite remote sensors and radiometric calibration methods 24485
Nitobe, M. *see* Koharagi, H. 8433
Nitsch, R., Lewen, F., Winnewisser, G. A balanced frequency doubler for 210-220 GHz: optimization by CAD 34246
Nitta, K. *see* Dohi, T. 37942
Nitta, K. *see* Hatakoshi, G. 20867
Nitta, K. *see* Onomura, M. 12234
Nitta, S. *see* Mutoh, A. 27101
Nitta, T., Shirai, Y., Shibata, T., Okada, T., Higuchi, K. Analytical steady state solutions and considerations on p-phase energy transfer circuit with inductor converter bridge 17413
Nitta, T. *see* Sekine, S. 16462
Nitta, Y. *see* Nakamura, K. 10194
Nitta, Y. *see* Nakamura, K. 34108
Nitta, Y. *see* Oita, M. 35320
Nitti, S., Tan, H.M., Banfi, G.P., Degiorgio, V. Induced 'third-order' nonlinearity via cascaded second-order effects in organic crystals of MBA-NP 36015
Nittman, J. *see* Klement, S. 42604
Nittmann, J. *see* Klement, S. 40910
Nitto Persone, V.de *see* de Nitto Persone, V.
Nitu, C. *see* Nitu, S. 32952
Nitu, S., Popescu, C. Criterion for the optimization of the vacuum commutation electric device contact shape 32955
Nitu, S., Popescu, C., Nitu, C. Testing of the transitory regime operation of the vacuum commutation medium voltage contactor 32952
Nitu, S. *see* Popescu, M. 29113
Nitu, S. *see* Popescu, M. 32954
Nitu, V.I. Dispatching centre of energy 47420
Nitzsche, G., Hild, R., Altenburger, U., Other, H. Optical image processing—a useful tool in wafer inspection 26237
Nitzsche, G. *see* Hild, R. 27809
Nitzsche, G. *see* Hild, R. 28020
Niu, D.-C., Yoneyama, T., Itoh, T. Measurement of NRD-guide leaky wave coupler in Ka band 1462
Niu, D.-C., Yoneyama, T., Itoh, T. Analysis and measurement of NRD-guide leaky wave coupler in Ka-band 42172
Niu, H. *see* Kishino, S. 10792
Niu Guofu, Ruan Gang Analytical model of silicon top layer and buried oxide layer thicknesses for SIMOX SOI structure 19531
Niu Jun *see* Li Hua 31420
Niu Kongzhen *see* Weng Xinguang 11658
Niu Qian *see* Qian Niu
Niu Wencheng Study of effect of LPCVD Si_3N_4 films surface oxidation on characteristics of pH-ISFET 19603
Niver, E. RF/microwave and lightwave engineering laboratory 128
Niwa, K. *see* Konijn, J. 24087
Niwa, K. *see* Yamamoto, K. 38866
Niwa, M., Kouzaki, T., Okada, K., Udagawa, M., Sinclair, R. Atomic-order planarization of ultrathin SiO_2/Si(001) interfaces 42576
Niwa, M. *see* Akei, M. 23104
Niwa, M. *see* Udagawa, M. 42687
Niwa, T., Kawai, H., Morishima, H., Koga, T. Preparation of single crystal LiF TLD and its characteristics 39120
Niwa, T. *see* Asano, A. 47530
Niwa, T. *see* Toyoshima, H. 655
Niwa, T. *see* Yamada, T. 16868
Niwano, M., Kageyama, J., Kinashi, K., Miyamoto, N., Honma, K. Infrared spectroscopic study of initial stages of ultraviolet ozone oxidation of Si(100) and (111) surfaces 42715
Niwano, M., Kageyama, J., Kinashi, K., Sawahata, J., Miyamoto, N. Oxidation of hydrogen-terminated Si surfaces studied by infrared spectroscopy 27679
Niwata, Y. *see* Hayakawa, T. 3628
Niwayama, K. *see* Yoneda, Y. 34939
Nix, A. *see* Mu Li 22562
Nix, A. *see* Xue, H. 14258
Nix, W.D. *see* Bader, S. 34824
Nixon, M.S. *see* Carter, J.N. 13844
Nixon, M.S. *see* Evans, A.N. 39033
Nixon, M.S. *see* Evans, A.N. 44843
Nixon, M.S. *see* Jia, X. 30013
Nixon, O. *see* Thomas, P.J. 7647
Nixon, W., Norgett, M.J. Environmental risk assessment and management 47696
Niyada, K., Hoshimi, M., Yamada, M. A speaker independent spoken word recognition method using phoneme similarity vectors which are robust to individual differences 44790
Niyazov, R.A. *see* Abdurazakov, A.A. 38933
Nizamani, A.S. Measurement of capacitance using identical oscillators 15164
Nizhenskii, A.D. *see* Bolkova, E.D. 31435
Nizienko, Yu.K. *see* Belousov, V.N. 20703
Niziolek, F. *see* Parker, M. 25137
Njinda, C. *see* Mukherjee, D. 26767
Njinda, C. *see* Narayanan, S. 1164
Njinda, C.A., Lee, S., Breuer, M.A. A fully integrated CAD environment for designing testable VLSI circuit 28251
Nkasu, M.M. The manufacturing engineering programs at the City Polytechnic of Hong Kong 119
No, K.H., Blackwell, R.J., Herrick, R.W., Levy, J.L. Monolithic integration of an amplifier and a phase modulator fabricated in a GRINSCH-SQW structure by placing the junction below the quantum well 20569
No, R.L.de *see* de No, R.L.
No Hee Cheon *see* Hee Cheon No
Noack, F. *see* Brocke, R. 47574
Noack, F. *see* Ringling, J. 12387
Noakes, P.D. *see* Cawley, G.C. 13160
Noakes, P.D. *see* Monaghan, S. 41792
Nobach, U. A distributed network automation system based on Unix 7794
Nobandegani, B.S. *see* Pedram, M. 18409
Nobbs, K.N. *see* Foster, B. 31714
Nobile, G. *see* Caputo, D. 28596
Nobile, G. *see* Conte, G. 35560
Nobile, G. *see* Conte, G. 42444
Nobile, G. *see* Kocka, J. 40482
Nobile, M. Human factors: one of the key issues for safer nuclear plants 39803
Nobile, M. *see* Noviello, L. 32552
Nobili, C., Nava, F., Ottaviani, G., Costato, M., De Santi, G., Queirolo, G. Titanium silicide formation in presence of oxygen 2261
Nobili, C. *see* Clevenger, L.A. 27574
Nobili, M. *see* Gulloch, W. 5734
Noble, A., Mundy, J. Bayesian part tolerancing with measurement uncertainty 29872
Noble, A.C. IDA: A tool for computer-aided failure analysis 14879
Noble, R.J. Particle production and survival in muon acceleration 6889
Noble, R.J. *see* Wang, X.W. 865
Noble, T.F. *see* Yin, Y. 2573
Noble, W.P. *see* Hanafi, H.I. 42957
Nobles, P., Ashworth, D., Halsall, F. Propagation measurements in an indoor radio environment at 2, 5 and 17 GHz 29189
Noborio, H., Katahira, Y. A stereo volume intersection method for reconstruction of 3D multiple objects 13692
Nobre, J.M. CCTV: a present state of the art and trends 6241
Nobuhara, H., Tanaka, K., Yamamoto, T., Machida, T., Fujii, T., Wakao, K. High-temperature operation of InGaAs/InGaAsP compressive-strained QW lasers with low threshold currents 20796
Nobuhara, H. *see* Odagawa, T. 12136
Nobuhara, H. *see* Odagawa, T. 12153
Nobuhara, H. *see* Yamamoto, T. 12110
Nobuhara, S. *see* Hashimoto, Y. 15576
Nobuomi Imai, Yamasaki, Y. Design of piezoelectric heart-murmur sensors 31835
Nobusada, T. *see* Itakura, K. 38565
Nocentini, M. *see* Bruno, L. 25347

Nocentini, M. *see* Sottini, S. 3791
Nocetti, D.F.G., Ruano, M.G., Fish, P.J., Fleming, P.J. Parallel implementation of a parametric spectral estimator for a real-time Doppler flow detector 7380
Noctor, D.M., Bader, F.E., Viera, A.P., Boysan, P., Golwaltar, S., Foehringer, R. Attachment reliability evaluation and failure analysis of thin small outline packages (TSOP's) with Alloy 42 leadframes 40945
Noctor, D.M. *see* Clech, J.-P. 34375
Noctor, D.M. *see* Clech, J.-P. 41017
Noctor, D.M. *see* Munie, G.C. 34437
Noda, A., Iwashita, Y., Okamoto, H., Shirai, T., Inoue, M. Design study of compact proton synchrotron for biomedical use 7469
Noda, A. *see* Shirai, T. 15305
Noda, A. *see* Tomizawa, M. 15571
Noda, C. *see* Kitaori, S. 38300
Noda, C. *see* Kitaori, S. 46218
Noda, H., Nakamura, K., Kimura, S. Significance of charge sharing in causing threshold voltage roll-off in highly doped 0.1-μm Si metal oxide semiconductor field effect transistors and its suppression by atomic layer doping 42922
Noda, K. Optical sensors and optical telecommunication 46474
Noda, K. *see* Kanazawa, M. 6908
Noda, K. *see* Kanazawa, M. 15457
Noda, K. *see* Kimura, T. 15063
Noda, K. *see* Tanabe, T. 7062
Noda, K. *see* Tomizawa, M. 15571
Noda, M. *see* Ohtsubo, H. 14823
Noda, S., Kobayashi, Y., Shibata, K., Sasaki, A. Optoelectronic integrated tristable device with optically controlled set and reset functions 3394
Noda, S., Sasaki, A. Vertical and direct integration of heterojunction phototransistors and laser diodes 3395
Noda, S., Shibata, K., Sasaki, A. Light-to-light transducers integrated with heterojunction phototransistors and a laser diode 46428
Noda, S., Yamashita, T., Ohya, M., Muromoto, Y., Sasaki, A. All-optical modulation for semiconductor lasers by using three energy levels in n-doped quantum wells 12119
Noda, S. *see* Arakawa, T. 19441
Noda, S. *see* Arakawa, T. 27860
Noda, S. *see* Ito, T. 27603
Noda, T. *see* Hata, K. 42378
Noda, T. *see* Suzuki, H. 805
Noda, T. *see* Uchida, K. 12785
Noda, T. *see* Uchida, K. 21233
Noda, Y. *see* Funayama, M. 3521
Noda, Y. *see* Koseki, T. 48361
Noda, Y. *see* Yamabe, M. 33647
Noe, R. *see* Ebberg, A. 6063
Noel, B., Foure, J.L. Enhanced triple transit suppression of broadband SCT delay lines using single fingers on YZ-$LiNbO_3$ 2755
Noel, E., Khan, R.R., Dhadwal, H.S. Optical implementation of a regularized Gerchberg iterative algorithm for super-resolution 13606
Noel, J. T1/T3 mux vendors redefine their market 5650
Noel, J.-P. *see* Manku, T. 19356
Noel, M. *see* Biwen Xu 7592
Noel, S. *see* Houze, F. 42764
Noell, M.S. *see* Taft, R.C. 42862
Noer, R. *see* Moffat, D. 15431
Noer, R.J. *see* Jimenez, M. 1779
Noerpel, A.R. *see* Paul, A. 4308
Noffz, K.-H. *see* Klefenz, F. 15666
Nogae, K. *see* Kamiya, N. 41160
Nogaki, S. *see* Ohta, M. 31024
Nogaki, S. *see* Ohta, M. 45251
Nogales, A., Escario, A. Pan−European electronic information services: information and economic and social development 45388
Nogami, H., Stuber, G.L. New error probability upper bound on maximum likelihood sequence estimation for intersymbol interference channels 44643
Nogami, H. *see* Tsukada, T. 10945
Nogami, M., Kato, A. Oxidation of cadmium chalcogenide microcrystals doped in silica glasses prepared by the sol-gel process 2189
Nogami, M., Morioka, Y., Ishikura, Y., Furukowa, N. Commercialisation of sealed nickel-metal hydride batteries 40424
Nogami, M., Tadokoro, M., Kimoto, M., Chikano, Y., Ise, T., Furukawa, N. Development of high performance hydrogen absorbing alloys for batteries. I. A study on non-stoichiometric hydrogen-absorbing alloys 40431
Nogami, M., Tadokoro, M., Kimoto, M., Chikano, Y., Ise, T., Furukawa, N. Development of high performance hydrogen absorbing alloys for batteries. II. A study on hydrogen absorbing alloys forming second phase with additive elements 40432
Nogaret, A., Cury, L.A., Maude, D.K., Portal, J.C., Sivco, D.L., Cho, A.Y., Hill, G. Coupling between in-plane and longitudinal motion in resonant tunnelling structures 19371
Nogaret, A. *see* Porto, J.A. 27511
Nogawa, K. *see* Yamada, T. 10489
Noge, H. *see* Kadoya, Y. 2188
Noge, H. *see* Koshiba, S. 18209
Noge, H. *see* Koshiba, S. 41349
Noge, H. *see* Miya, S. 2143
Noge, H. *see* Nakamura, Y. 41344
Noge, H. *see* Uchiyama, K. 43665
Nogi, S., Jenshan Lin, Itoh, T. Mode analysis and stabilization of a spatial power combining array with strongly coupled oscillators 36437
Nogi, S. *see* Tanaka, S. 19007
Nogin, D.Yu. Generalized Hamming weights of codes on multi-dimensional quadrics 44729
Noglik, H. *see* Fielder, S.S. 46572
Noguchi, A. *see* Fromow Rangel, M.G. 21199
Noguchi, H., Miyashita, T., Yamato, K., Yoshio, M. Preparation of $LiNiO_2$ by the alcolate method for a cathode active material of lithium secondary battery 40405
Noguchi, H. *see* Sato, N. 24620
Noguchi, H. *see* Yoshio, M. 48048
Noguchi, K., Ohrui, T., Kogiku, I. Modeling of communication control software for advanced switching systems 30288
Noguchi, K. *see* Aisawa, S. 45954
Noguchi, K. *see* Hagimoto, K. 28522
Noguchi, K. *see* Kumano, T. 2868
Noguchi, K. *see* Shin, H. 19589
Noguchi, K. *see* Shin, H. 34780
Noguchi, K. *see* Uchiyama, M. 6253
Noguchi, M., Kembo, Y. 40-nm particle high probability detection for bare wafer using side-scattered light 17931
Noguchi, M. *see* Tazaki, S. 29454
Noguchi, N., Suemune, I. High-resolution patterning of luminescent porous silicon with photoirradiation 42692
Noguchi, S. *see* Kako, E. 15505
Noguchi, S. *see* Kuriyama, H. 27467
Noguchi, S. *see* Mansfield, G. 14140
Noguchi, S. *see* Okazaki, N. 5236
Noguchi, S. *see* Sakamoto, H. 8510
Noguchi, S. *see* Sato, I. 15299
Noguchi, S. *see* Shishido, T. 15356
Noguchi, T. Appearance of single-crystalline properties in fine-patterned Si thin film transistors (TFTs) by solid phase crystallization (SPC) 19824
Noguchi, T., Nagashima, S., Uda, M. An electron counting mechanism for the open counter operated in air 46875
Noguchi, T. *see* Fukuhara, M. 9946
Noguchi, T. *see* Fukumoto, S. 17591
Noguchi, T. *see* Hasegawa, H. 1516
Noguchi, T. *see* Ohgaki, H. 7190
Noguchi, T. *see* Okamoto, H. 6250
Noguchi, T. *see* Yokoyama, M. 46720
Noguchi, Y., Ishii, J. New compact bandpass filters using $\lambda_{g0}/4$ coplanar waveguide resonators and a method for suppressing these spurious responses 19009
Noguchi, Y., Kitazawa, S., Wada, T., Ohmiyama, T., Okamoto, N. A new compact $\lambda_{g0}/4$ coplanar waveguide resonator bandpass filter 27161
Noguchi, Y. *see* Iwami, T. 25967
Noguchi, Y. *see* Kawano, K. 35458
Noguchi, Y. *see* Yoshimoto, N. 43533
Nogueira, M.F.M., Lima, C.U.daS., Ribeiro, R.R.P. The use of small hydroelectric power plants in the Amazon 25248
Nogueira Lima, A.M. *see* Cavalcanti, J.H.F. 25457
Noh, S.K. *see* Kim, T.W. 42474
Noh, T.-H. *see* Kim, K.-S. 43281
Noh, T.H. *see* Pi, W.K. 43280
Noh Yong Deok A computational algorithm for an M-stage open tandem queue with blocking 30197
Noh-Hoon Myung, Young-Seek Sun Analysis of electromagnetic wave scattering by a cavity model with lossy inner walls 21235
Noha, N. Assistive technology−just how aware are you? 7488
Nohara, A., Kane, J. A noise suppression system for FM radio receiver 5729
Nohara, M. *see* Inagaki, K. 6043
Nohara, T.J., Scarlett, P., Eatock, B.C. A radar signal processor for space-based radar 23166
Nohda, T. *see* Kuriyama, H. 27467
Nohira, H. *see* Hattori, T. 34710
Nohsoh, K., Ozawa, S. A real time highway image white line detection system based on vanishing point estimation 4955
Nohtomi, A., Sakae, T., Matoba, M., Koori, N. Count-loss mechanism of self-quenching streamer (SQS) tubes 46966
Nohtomi, A. *see* Koori, N. 15657
Nohtomi, A. *see* Rashid, M.M. 24098
Noia, M., Ratto, C.F., Festa, R. Solar irradiance estimation from geostationary satellite data. I. Statistical models 14528
Noia, M., Ratto, C.F., Festa, R. Solar irradiance estimation from geostationary satellite data. II. Physical models 14529
Noiret, N., Meyer, C., Lougnot, D.J. Photopolymers for holographic recording. V. Self-processing systems with near infrared sensitivity 29032
Noizette, J.L. *see* Robert, M. 6397
Nojima, M. *see* Sakaguchi, H. 14876
Nojima, T. *see* Tarusawa, Y. 18513
Nojiri, K., Tsunokuni, K. Study of gate oxide breakdown caused by charge buildup during dry etching 2126
Nojiri, K. *see* Kakimoto, N. 9000
Nojiri, Y., Hirabayashi, H., Sonehara, H., Okano, F. HDTV standards converter 46228
Nojiri, Y. *see* Fukuda, S. 46318
Nojo, S. *see* Abe, T. 45410
Nokali, M.El. *see* Zhang, Y. 19718
Nokali, M.El *see* El Nokali, M.
Noker, W. *see* Schulz, D. 36345
Nolan, M. Can industry standards satisfy DoD and service ATE standardization goals?−can a standardization policy be derived to satisfy everyone 24583
Nolan, P.L. *see* Thompson, D.J. 7145
Nolden, F., Pinkow, J., Schaaf, U., Steck, M. Experiments with synthetic coloured noise at the heavy ion storage ring ESR 15490
Nolden, F. *see* Franzke, B. 15382
Nolden, F. *see* Schaaf, U. 15359
Nolden, F. *see* Steck, M. 7061
Noldge, H. *see* Jacob, J. 15458
Nolet, A. *see* Henley, F. 33329
Noll, P. Wideband speech and audio coding 21650
Noll, P. *see* Cluver, K. 22981
Noll, R., Krauhausen, M. Testing of compounds by laser light 9825
Nolle, T. Striking the token-ring balance 5567
Nolle, T. Should SNA users switch to TCP/IP? 45607
Nollo, G. *see* Speranza, G. 15850
Nolte, D.D. *see* Harmon, E.S. 1855
Nolte, D.D. *see* Melloch, M.R. 19516
Nolte, L.W. *see* Shorey, J.A. 4662
Nolte, R. *see* v. Edel, G. 7156
Nolte, R.J.M. *see* Wright, J.D. 6626
Nolting, J. *see* Remer, N.A. 17171
Noma, A. *see* Nagata, S. 34271
Noma, K. *see* Taniguchi, T. 16463
Nomachi, M., Sasaki, O., Fujii, H., Ohska, T.K. A large scale switch type event builder 38922
Nomachi, M. *see* Bowden, M. 38924
Nomachi, M. *see* Sasaki, O. 15660
Nomerotskii, N.V. *see* Bolkhovityanov, Yu.B. 27486
Nomoto, K. *see* Kanki, T. 28370
Nomoto, M. *see* Haba, T. 7893
Nomoto, S. *see* Kunieda, H. 15683
Nomoto, S. *see* Tsunemi, H. 11939
Nomoto, T., Hyuga, R., Nakajima, S.-I., Takayanagi, I., Isokawa, T., Ohta, R., Matsumoto, K., Nakamura, T. A 2/3-inch 2M-pixel CMD image sensor with multi-scanning function 31319
Nomoto, T., Matsumoto, K., Nakamura, T. Carrier reset operation in charge modulation device 6557
Nomoto, T., Matsushita, Y. A signal-to-noise enhancer using two MSSW filters and its application to noise reduction in DBS reception 19015
Nomura, A., Miike, H., Koga, K. Detection of a velocity field from sequential images under temporally varying illumination 22152
Nomura, A. *see* Saito, Y. 21152
Nomura, E., Matsui, K., Takashima, K., Iijima, S., Matsuo, Y. Development of a 1000 kW Na/S battery for electric storage 40067
Nomura, E. *see* Di Zhang 25648
Nomura, H., Miyata, H., Houtgast, T. Microphone arrays for improving speech intelligibility in a reverberant or noisy space 6264
Nomura, H. *see* Kawasaki, N. 8637
Nomura, H. *see* Kikuchi, Y. 27863
Nomura, H. *see* Mieno, F. 26518
Nomura, I., Kishino, K., Kikuchi, A., Kaneko, Y. 600-nm-range GaInP/AlInP strained quantum well lasers grown by gas source molecular beam epitaxy 43861
Nomura, J. *see* Nakanishi, S. 9194
Nomura, K. Homogeneous graphs and regular near polygons 41068
Nomura, K., Sasaoka, T., Sato, J., Kuma, S., Kumakura, H., Togano, K., Tomita, N. Influence of Ag-Au and Ag-Cu alloys on $Bi_2Sr_2CaCu_2O_z$ superconductor 20168
Nomura, K. *see* Fujishiro, H. 16381
Nomura, K. *see* Kotani, T. 31230
Nomura, K. *see* Okudaira, S. 8634
Nomura, K. *see* Sasaoka, T. 35293
Nomura, M. *see* Fujii, T. 31152
Nomura, M. *see* Furukawa, I. 45078
Nomura, M. *see* Hashimoto, K. 5834
Nomura, M. *see* Hori, M. 17524
Nomura, M. *see* Inoue, T. 27000
Nomura, M. *see* Inoue, T. 41936
Nomura, N. *see* Eriguchi, K. 27721
Nomura, N. *see* Harafuji, K. 18702
Nomura, N. *see* Matsuoka, K. 27882
Nomura, N. *see* Yamashita, K. 27941
Nomura, R. *see* Nakamura, Y. 18432
Nomura, S., Chiba, A., Nakamura, F., Ikeda, K., Fukao, T., Rahman, M.A. A radial position control of induction type bearingless motor considering phase delay caused by the rotor squirrel cage 16850
Nomura, S. *see* Nanjo, J. 19477
Nomura, S. *see* Taniguchi, N. 39845
Nomura, T., Oobuchi, K., Yasuda, T., Furukawa, S. Humidity sensor using surface acoustic wave delay line with hygroscopic dielectric film 23509

Nomura, T., Yasuda, T., Furukawa, S. One-port surface acoustic wave resonator for sensing in liquids 14951
Nomura, T. *see* Furukawa, S. 11431
Nomura, T. *see* Furukawa, S. 14952
Nomura, T. *see* Ichiyanagi, T. 31068
Nomura, T. *see* Ishikawa, K. 35137
Nomura, T. *see* Okada, N. 2739
Nomura, T. *see* Sato, S. 39105
Nomura, T. *see* Shirakabe, Y. 23972
Nomura, Y., Harada, Y., Fujii, S. Image-data-based matching for affine transformed pictures 5058
Nomura, Y., Kikuchi, Y., Hirao, H. Push-on pull-off multi-fiber connector 2958
Nomura, Y., Morishita, Y., Goto, S., Katayama, Y. Lateral growth of GaAs on patterned {111}B substrates for the fabrication of nano wires using metalorganic molecular beam epitaxy 41289
Nomura, Y., Sae-Han, D., Fujii, S. A method to estimate position and orientation of 3-D object from 2-D projection 36940
Nomura, Y. *see* Dili Zhang 6589
Nomura, Y. *see* Furukawa, H. 5913
Nomura, Y. *see* Gotoda, M. 41334
Nomura, Y. *see* Lopez, M. 659
Nomura, Y. *see* Lopez, M. 18144
Nomura, Y. *see* Lopez, M. 41343
Nomura, Y. *see* Makino, B.Y. 10565
Nomura, Y. *see* Morishita, Y. 41271
Nomura, Y. *see* Ujifuku, S. 13591
Nomura, Y. *see* Yamashita, Y. 21690
Nonaka, K., Tsuda, H., Hirabayashi, K., Kurokawa, T. Digitally regenerating optical-fiber-loop memory with a side-injection light-controlled bistable laser diode 37657
Nonaka, K. *see* Kume, T. 17452
Nonaka, K. *see* Tsuda, H. 12217
Nonaka, K. *see* Uenohara, H. 43863
Nonaka, S., Neba, Y. Investigation of circuit configuration in current source single-phase PWM rectifier with sinusoidal inputs 17010
Nonaka, S., Neba, Y. Current regulated PWM-CSI induction motor drive system without a speed sensor 40553
Nonaka, S. *see* Inoue, K. 36850
Nonaka, T. *see* Akasaka, N. 5917
Nonaka, T. *see* Shimada, H. 11025
Nonaka, Y. *see* Aida, T. 19284
Nongaillard, B. *see* Assaad, J. 16067
Nonnenmacher, M. *see* Vaez-Iravani, M. 6535
Nonogaki, M., Masuda, T., Enomoto, J., Matsui, T., Takahama, T. Electrical reliability evaluation of printed circuit boards with no-clean fluxes 1734
Nonogaki, S., Imai, A. High-resolution proximity exposure through a phase shifter mask 11021
Nonomura, S. *see* Long, A.R. 28171
Nonomura, S. *see* Long, A.R. 35000
Nonoyama, A. *see* Kobayashi, S. 23773
Nonoyama, O. *see* Iwasaki, H. 20258
Nonoyama, S. *see* Zhang, M. 33712
Nookala, M. *see* Kumar, B. 25650
Noomahan, V. Training application of fossil power plant simulation in Thailand 24738
Noonan, J.P., Polchlopek, H.M., Varteresian, M. A hypothesis testing technique for the wavelet transform in the presence of noise 13228
Nooney, M., Liberman, V., Mingde Xu, Ludviksson, A., Martin, R.M. Reaction of HCl with the GaAs(100) surface 27683
Nooney, M. *see* Green, D.L. 27544
Noor Mohammad, S., Bemis, A.V., Carter, R.L., Renbeck, R.B. Temperature, electric field, and doping dependent mobilities of electrons and holes in semiconductors 10639
Noorden, L.van *see* van Noorden, L.
Noordhuis, B. *see* Kleinhesselink, K.F. 25573
Noore, A., Nestor, S., Lawson, M. Computer-based multimedia video conferencing system 5610
Nooren, G.J. *see* Blok, H.P. 38935
Nooren, G.J.L. *see* Zondervan, A. 46867
Noorhosseini, S.M. *see* Haule, D.D. 47157
Noponen, E., Turunen, J. Binary high-frequency-carrier diffractive optical elements: electromagnetic theory 44140
Noppe, J.M. *see* Adam, W. 46929
Noppenau, H., Hansen, S. Design studies on a coal/gas-fired power station with advanced steam data 47786
Nor, J.K. Charging station for electric vehicles 48286
Nor, K.M. *see* Rashid, A.H.A. 25246
Norales, F.O. Networking: a necessary component in a computer-literacy course 22596
Noras, J.M. *see* Voudouris, K. 5812
Norbeck, E. *see* Avdeyev, S.P. 7149
Norberg, B. Testing the WAN for LAN/WAN internetworks 14193
Norby, T., Velle, O.J., Leth-Olsen, H., Tunold, R. Reaction resistance in relation to three phase boundary length of Ni/YSZ electrodes 17357
Norby, T. *see* Sutija, D.P. 17366
Norcott, M.H. *see* Seidler, P.F. 41485
Nordberg, E. *see* Padamsee, H. 6995
Nordberg, K., Knutsson, H., Granlund, G. Signal representation using operators 13445
Nordby, F. *see* Rudin, L. 45176
Nordby, M. *see* King, W.L. 24888
Nordby, R. *see* Hein, B. 30559
Nordell, B. *see* Hansson, B. 15802
Nordell, N., Nishino, S., Yang, J.-W., Jacob, C., Pirouz, P. Growth of SiC using hexamethyldisilane in a hydrogen-poor ambient 41449
Nordgaard, J. Basic antenna theory (a review) 44547
Nordgaard, J.D., Sega, R.M., Harrison, M.G. The capacitance matrix & surface charge distributions of a shielded twisted pair cable using a quasi-static perturbational method 36299
Nordheden, K.J., Ferguson, D.W., Smith, P.M. Reactive ion etching of via holes for GaAs high electron mobility transistors and monolithic microwave integrated circuits using $Cl_2/BCl_3/Ar$ gas mixtures 2129
Nordholm, S., Claesson, I., Bengtsson, B. Adaptive array noise suppression of handsfree speaker input in cars 22689
Nordin, B.G. *see* Orbert, C.L. 30036
Nordin, G.P., Asthana, P. Effects of cross talk on fidelity in page-oriented volume holographic optical data storage 3896
Nordin, G.P. *see* Petrisor, G.C. 11903
Nordin, R. *see* Leijon, M.A.S. 48036
Nordin, R.A., Buchholz, D.B., Huisman, R.F., Basavanhally, N.R., Levi, A.F.J. High performance optical datalink array technology 43415
Nordin, R.S.B., Hoff, P.E., Leijon, M.A.S., Li Ming, Karlsson, J. A new tool for acoustic diagnosis of GIS 8680
Nordine, P.C., de la Veaux, S.C., Wallenberger, F.T. Silicon fibers produced by high-pressure LCVD 640
Nordine, P.C. *see* Weber, J.K.R. 39426
Nordlander, E. *see* Bleichner, H. 42900
Nordlander, E. *see* Vobecky, J. 34940
Nordman, H. *see* Aubin, J. 25519
Nordman, J.E. *see* Thompson, J.H. 43353
Nordquist, J. Technological review of 5-phase and 2-phase step motors 47912
Nordqvist, K. *see* Hemani, A. 41561
Nordstrom, J. *see* Phadke, A.G. 47608
Nordstrom, J.M. *see* Wilson, R.E. 25015
Nordstrom, L., Johansson, B., Brooks, M.S.S. Calculation of the electronic structure and the magnetic moments of $Nd_2Fe_{14}B$ 2784
Nordtvedt, J.E. *see* Isaksen, O. 23939
Nordtvedt, J.E. *see* Johansen, G.A. 118
Norem, J. A high resolution, single bunch, beam profile monitor 6962
Noren, K.V., Wierzba, G.M. A SPICE macromodel for a CA3085 adjustable voltage regulator 18465
Noren, R.C. *see* Williams, P.M. 47691
Nores, A.R. *see* Sanz, R. 36085
Norgaard, K. *see* Jessen, K.E. 14278
Norgard, J.D. Infrared/microwave correlation measurements 46584
Norgate, P. *see* Wang, Y.S. 13710
Norgett, M.J. *see* Nixon, W. 47696
Noriaki, N., Komori, F., Hikita, M., Mizutani, T. Detection of electrical tree initiation and assessment of shape of the developing tree using pattern recognition of partial discharge occurrence phase distribution 23415
Norimatsu, S., Ishida, O. Impact of flicker noise and random-walk noise on a phase-locked loop with finite propagation delay 38066
Norimatsu, S., Iwashita, K. The influence of cross-phase modulation on optical FDM PSK homodyne transmission systems 6059
Norimatsu, S., Iwashita, K. Damping factor influence on linewidth requirements for optical PSK coherent detection systems 14576
Norimatsu, S. *see* Takachio, N. 30844
Noritake, T. *see* Takakura, H. 25583
Noritake, Y. *see* Kanazawa, K. 6242
Norkin, G.A. *see* Vorobev, V.S. 37957
Norland, E.A. Improved method for measuring fiber undercut and protrusion on pc polished connectors 3034
Norlin, P. *see* Linnros, J. 19802
Norman, A.G. *see* Tan Le 42528
Norman, C.E. *see* Lazzarini, L. 691
Norman, C.E. *see* Salviati, G. 693
Norman, D. *see* Jansson, B. 47490
Norman, G. *see* Bergmark, T. 31594
Norman, J.A.T., Roberts, D.A., Hochberg, A.K. Surface and reactor effects on selective copper deposition from Cu(hfac)tmvs 41483
Norman, J.A.T. *see* Fine, S.M. 41481
Norman, J.A.T. *see* Tompa, G.S. 41478
Norman, M. *see* Van Wonterghem, B.M. 35946
Norman, M.J. *see* Bett, T.H. 12315
Norman, M.J. *see* Pepler, D.A. 35947
Norman, R.J., Dyson, P.L., Bennett, J.A. Ray tracing techniques in anisotropic media with applications to ionospheric propagation 12610
Normand, E., Baker, T.J. Altitude and latitude variations in avionics SEU and atmospheric neutron flux 39240
Normandin, R. *see* Dai, H. 3401
Normandin, R. *see* Dai, H. 12385
Normandin, R. *see* Janz, S. 11635
Normandin, R. *see* Janz, S. 21071
Normandin, R. *see* McGreer, K.A. 37683
Normandon, P., Brun, N., Blosse, A., Tissier, A. Direct determination of process latitude for titanium salicide formation 19626
Noro, K. CI-NET: construction industry network 22617
Noro, Y., Inomoto, K., Kuno, K. Conversion of sinusoidal frequencies to Gray code 1350
Noro, Y. *see* Arai, J. 32290
Noro, Y. *see* Kurebayashi, M. 14792
Noronha, C. *see* Barry, C. 30392
Noronha, C.A. *see* Kazovsky, L.G. 5485
Noroozian, M., Andersson, G. Power flow control by use of controllable series components 24684
Noroozian, M., Andersson, G. Power system damping control design with fuzzy logic 32243
Noroy, M.-H., Royer, D., Fink, M. The laser-generated ultrasonic phased array: analysis and experiments 16024
Norr, S.R. *see* Porter, J.W. 39662
Norreys, P. *see* Danson, C.N. 3569
Norreys, P.N. *see* Cairns, G. 35648
Norrie, C.J. *see* MacKinnon, N. 43786
Norris, D. *see* Cutler, A. 13002
Norris, D. *see* Cutler, A. 29516
Norris, J.A. Vector control of AC motors 8794
Norris, K.C. *see* Barrick, M. 2351
Norris, P.E. *see* Kanber, H. 41296
Norris, P.E. *see* Liu, H. 714
Norris, P.M., Gang Chen, Chang-Lin Tien Size effects on the temperature rise in vertical-cavity surface-emitting laser diodes 35873
Norris-Elye, O.C. *see* Harris, E.L. 32440
Norrman, S. *see* Qutaishat, S. 46872
Norros, I. *see* Virtamo, J. 13864
Norros, L. *see* Wahlstrom, B. 39799
Norstrom, H. *see* De Wolf, I. 2101
Norsworthy, R.S. Performance measurement of autonomous grasping software in a simulated orbital environment 38706
North, D.M. *see* Widman, F.W., Jr. 7560
Northcote-Gren, J. *see* Lopez Araguas, J.P. 24926
Northcutt, J.D. *see* Wall, G.A. 5381
Northrop, R.B. *see* Goetz, M.J., Jr. 38974
Norton, D.P. *see* Braren, B. *(editor)* 33187
Norton, F.L., IV, Gottlieb, J.W. Repowering—an option to beat the system, and stay competitive 16191
Norton, G.H. *see* Chabanne, H. 44713
Norton, G.H. *see* Wijayasuriya, S.S.H. 37825
Norton, G.V., Werby, M.F., White, E. Influence of a waveguide on backscattered signals in the far-field 23221
Norton, G.V. *see* Werby, M.F. 23222
Norton, G.V. *see* White, E. 23223
Norton, J., Parry, M.E., Song, X.M. Integrating R&D and marketing: a comparison of practices in the Japanese and American chemical industries 40860
Norton, J.R. *see* Rueger, L.J. 10003
Norton, J.R. *see* Rueger, L.J. 20086
Norton, O.P. *see* Cook, R.L. 25805
Norton, R.L., Bernstein, R.S. Improved LAboratory Prototype ELectrolarynx (LAPEL): using inverse filtering of the frequency response function of the human throat 7482
Norton, S.J. *see* Fitting, D.W. 9818
Norton, T.R., Yung, Y., Rara, G. BiCMOS ASICs: an integrated solution for communications 26829
Norton-Wayne, L. Teaching machine vision to engineers 13843
Norum, B.E., Rossmanith, R. Laser induced extraction from the LHC or SSC 15367
Norum, L. *see* Yigong Zhang 7848
Norum, W.E., Bollinger, K.E. Lab and field tests of a self-tuning power system stabilizer 24675
Norwood, D.P. *see* Napolitano, L.M., Jr. 328
Norwood, D.P. *see* Napolitano, L.M., Jr. 9937
Nose, M., Hayashida, M., Kizawa, Y. Unit 1 steam turbine of Noshiro Thermal Power Plant, Tohoku Electric Power Co., Inc 32724
Nose, T., Ukawa, Y., Sato, S. Scattering-type displays using memory effects in nematic LC cells without rubbing 15134
Nosich, A.I. Radiation conditions, limiting absorption principle, and general relations in open waveguide scattering 44504
Nosich, A.I., Andrenko, A.S. Scattering and mode conversion by a screen-like inhomogeneity inside a dielectric slab waveguide 44533
Nosich, A.I. *see* Colak, D. 38135
Noske, D.U., Boskovic, A., Guy, M.J., Taylor, J.R. Synchronously pumped, picosecond, ytterbium-erbium fibre laser 3562
Noske, D.U., Taylor, J.R. Spectral and temporal stabilisation of a diode-pumped ytterbium-erbium fibre soliton laser 20666
Noske, D.U. *see* Pandit, N. 28898
Noskov, V.L. *see* Golyshev, N.V. 11541
Noskov, V.Ya. Autodyne effect in multifrequency oscillators 10428
Noskov, V.Ya. Dynamic features of the autodyne response of microwave oscillators [near-range radar] 14677
Nosochkov, Y., Pilat, E., Sen, T. Chromaticity correction for the collider at the SSC 38777
Nosochkov, Yu.M. *see* Chirkov, P.N. 7042
Nosov, G.F. *see* Gerasimov, V.I. 8068

Nosov, Y.N. Antennas for television broadcasting on adjacent frequency channels 14761
Nosratinia, A., Ahmadi, M., Sridhar, M. Performance analysis and improvements on a hybrid cascade architecture for multi-layer neural networks 18931
Nossek, J.A. *see* Fan Zou 1004
Nossek, J.A. *see* Harrer, H. 1361
Nossek, J.A. *see* Kohn, I. 1365
Nossek, J.A. *see* Pletl, J. 26657
Nossek, J.A. *see* Zou, F. 27112
Nosu, K., Toba, H., Inoue, K., Oda, K. 100 channel optical FDM technology and its applications to optical FDM channel-based networks 6057
Nosu, K. *see* Oda, K. 30722
Nosu, K. *see* Oda, K. 30856
Nosu, K. *see* Tada, Y. 6061
Nosu, K. *see* Toba, H. 6081
Nota, M. *see* Bouvier, A.J. 12001
Noteboom, R. *see* Sayer, M. 28322
Noter, Y. *see* Lifshitz, Y. 33334
Nothnagle, P.E. Surface mount and optical inspection 27370
Notin, M. *see* Hertz, J. 17223
Notman, J. *see* Landis, D. 10566
Notman, J. *see* Landis, D. 34348
Noto, K. *see* Fujishiro, H. 16381
Noto, K. *see* Sasaoka, T. 35293
Noto, P. *see* Konemann, B. 10202
Notomi, M., Tamamura, T. Characterization of current performance in E-beam patterned InGaAs/InP quantum wires 28835
Notomi, M. *see* Nishida, T. 665
Notsu, C. *see* Hanatani, S. 28654
Nottenburg, R.N. *see* Frateschi, N.C. 20846
Nottenburg, R.N. *see* Govindarajan, M. 45984
Nottenburg, R.N. *see* Laskar, J. 19071
Nottenburg, R.N. *see* Laskar, J. 28097
Nouailhat, A. *see* Chantre, A. 19779
Nouailhat, A. *see* Mounib, A. 19764
Nouaoura, M. *see* Bertru, N. 41323
Noubir, G. *see* Raja, P. 14246
Noubir, G. *see* Raja, P. 30473
Nouda, T. *see* Fukasawa, T. 27714
Nouet, P. *see* Girard, P. 262
Nouli, R. *see* Contreras, M. 8769
Nougier, J.P. *see* Vaissier, J.C. 10652
Nougier, J.P. *see* Varani, L. 19707
Nouh, S. *see* Baldi, P. 20385
Noullet, J.L., Napieralski, A., Ciota, Z. ASIC realization of multiphase switched-capacitor decimating filter 1315
Nour, M.Abdul-Sadek *see* Abdul-Sadek Nour, M.
Nour Eldin, H. *see* Kreshman, H. 39980
Nour Eldin, H. *see* Nern, H.J. 40006
Nour Eldin, H.A. *see* Gegov, A. 39507
Nour Eldin, H.A. *see* Kreshman, H. 39981
Nour Eldin, H.A. *see* Kreshman, H. 39982
Nour Eldin, H.A. *see* Lahtchev, L.H. 40088
Noura, H. *see* Sauter, D. 33420
Noureddine, A.H., Alouani, A.T., Chandrasekaran, A. A new technique for short-term residential electric load forecasting including weather and lifestyle influences 24859
Nouri, B. *see* Berman, L.E. 24225
Nouri, F., Scharf, B. Polysilicon-emitter bipolar transistors with interfacial nitride 11173
Nouri, H. A method of measuring electrode temperature for arc power calculation 25563
Noutsios, P.C. *see* Mounier, E. 3123
Noutsos, D. Optimal stretched parameters for the SOR iterative method 18058
Nouvel, F., El Zein, G., Citerne, J. Modified tracking loop for DS spread spectrum systems 5727
Nouwen, R. *see* Neyens, G. 38939
Novaes, E.O. *see* Sobral, S.T. 32467
Novak, D., Lowery, A.J. Up to 15dB improvement in second harmonic distortion in complex-coupled DFB semiconductor lasers 12142
Novak, D. *see* Lowery, A.J. 35797
Novak, D. *see* Nguyen, L.V.T. 35854
Novak, E., Mozetic, I., Santo-Zarnik, M., Biasizzo, A. Enhancing design-for-test for active analog filters by using [CLP(*K*)] 10276
Novak, F., Mozetic, I., Santo-Zarnik, M., Biasizzo, A. Enhancing design-for-test for active analog filters by using CLP(*K*) 10278
Novak, F., Sutanovac, N., Trobec, R. Built-in self testing of communications systems using ASIC technology 13955
Novak, J. Physical analysis of dendrites within conformal coat 40977
Novak, J.L., Schmitt, D.J., Maslakowski, J. Multi-axis seam tracking using a noncontact capacitive sensor 38481
Novak, J.P. *see* Bartnikas, R. 35110
Novak, K. *see* He, G. 23467
Novak, K. *see* He, G. 23696
Novak, L.M., Hesse, S.R. Optimal polarizations for radar detection and recognition of targets in clutter 23125
Novak, L.M., Irving, W.W., Verbout, S.M., Owirka, G.J. High resolution radar target identification 30874
Novak, L.M., Owirka, G.J., Netishen, C.M. Performance of a high-resolution polarimetric SAR automatic target recognition system 7682
Novak, L.M. *see* Stewart, C.V. 23102
Novak, M. *see* Schrofelbauer, H. 47699
Novak, S. *see* Sudhama, C. 10186
Novak, S.W. *see* Steckl, A.J. 10819
Novak, S.W. *see* Zavada, J.M. 2050
Novak, S.W. *see* Zavada, J.M. 2074
Novak, T. *see* Mertin, W. 42237
Novak, V. *see* Werner, C.L. 8047
Novakofski, J.A. *see* Hein, I.A. 7672
Noval, J. *see* Arabi, T.R. 23852
Novarini, E. *see* Bonati, B. 2521
Novel-Cattin, F. *see* Mosdale, R. 48110
Novellino, J. One-chip GPIB interface speeds data transfers 6305
Novellino, J. Logic scope simplifies digital circuit debug 6357
Novellino, J. IC puts Ethernet and SCSI on a motherboard 27029
Novellino, J. Function generators take on a digital tone 38583
Novembre, A.E. *see* Mixon, D.A. 27966
Novembre, A.E. *see* Neenan, T.X. 27956
Novero, C. *see* Godone, A. 6290
Novgorodov, A.F. *see* Kachanov, V.A. 7163
Novgorodova, E.N., Khachai, O.A. Stability of 2D algorithms of analytical continuation in a layered zone of a variable electromagnetic field 47221
Novgorodtsev, A.B., Abrosimov, I.N. Maximum electric field intensity in a system of plane parallel electrodes 12522
Novick, B. *see* Cornuejols, G. 41071
Noviello, L., Bolognini, G., Nobile, M. Results and programs for the design of advanced control rooms 32552
Novik, D.A. A new approach to the optimal digitizing, compression, and visualization of the color (multispectral) images 36949
Novikov, A.P. *see* Masunov, E.S. 7011
Novikov, E.B., Chaikina, E.I. Orientation-dependent sulfide passivation of indium arsenide 34734
Novikov, E.B. *see* Bessolov, V.N. 34732
Novikov, G.V. *see* Kozyev, V.B. 14765
Novikov, S.A. Testing of nickel galvanic coatings using acoustic emission on magnetization 41524
Novikov, S.A. *see* Luchvich, A.A. 23905
Novikov, S.A. *see* Lukhvich, A.A. 16038
Novikov, S.V. *see* Averin, S.V. 43629
Novikov, S.V. *see* Ber, B.Ya. 33624
Novikov, S.V. *see* Le Tuan 2015
Novikov, V.A., Okunev, V.I., Babakov, Yu.P., Lukakhin, A.V., Tamurka, V.G., Plekhanov, A.V. Low temperature plasma generator with pyrotechnic source of hot oxygen for pulsed MHD plants 25342
Novikov, V.A., Okunev, V.I., Babakov, Yu.P., Plekhanov, A.V. Increase of pulsed geophysical MHD installations specific power parameters by perfection of solid fuel plasma generators 25761
Novikov, V.I. *see* Ivanov, G.M. 16865
Novikov, V.K. *see* Krokhin, V.V. 35207
Novikov, V.M. *see* Kuz'minov, V.V. 7164
Novikov, Ya.A. *see* Gol'dberg, E.I. 1199
Novikov, Yu.D. *see* Kopylov, I.P. 25417
Novikova, A.N. *see* Kostenko, M.V. 24996
Novikova, I.G. *see* Burachas, S.F. 31768
Novoderyozhkina, T.L. *see* Dyachenko, P.P. 20660
Novokhatski, A.V., Aleksandrov, A.V., Kulakov, A.A., Logatchev, P.V., Tecchio, L. A laser-driven gun for electron-positron factories 38820
Novokhatsky, A. *see* Aleksandrov, A.V. 38805
Novosad, T. Binary sequences for CDMA based on finite geometry 36556
Novosel, D., King, R.L. Using artificial neural networks for load shedding to alleviate overloaded lines 47413
Novoselov, A.N., Nikiforov, V.G., Silnitsky, A.F., Trinchuk, B.F. Efficient spectral narrowing, tuning and stabilization devices for KrF laser used in microlithography 2364
Novoselov, B.A. *see* Okonov, D.E. 11564
Novoselov, Yu.B. *see* Kudryashov, R.A. 9069
Novoselov, Yu.B. *see* Sushkov, V.V. 9068
Novosel'skii, O.Yu. *see* Gabaraev, B.A. 32592
Novoskoltsev, F. *see* Doble, N. 46806
Novotnak, R.T. *see* Bodson, M. 25475
Novotnak, R.T. *see* Chiasson, J.N. 16906
Novotny, D. *see* Gaitan, M. 19988
Novotny, D.W. *see* De Doncker, R.W. 40550
Novotny, D.W. *see* Klontz, K.W. 8948
Novotny, D.W. *see* Wallace, I.T. 40195
Novotny, J. *see* Prochazkova, O. 722
Novotny, R.A. *see* McCormick, F.B. 43584
Novotny, R.A. *see* Vakhshoori, D. 20764
Novotny, V., Vodicka, B., Cerveny, R. Overvoltage in the electromagnetic contactor coils 32973
Novovicova, J. *see* Pudil, P. 5096
Novy, Z. New ways in the design of a compensating instrument board 7704
Nowak, A. *see* Nagel, U. 24049
Nowak, D.K. A dynamic battery model for electric vehicles 48307
Nowak, L. *see* Demenko, A. 47885
Nowak, M., Barlik, R., Grochal, P. Analysis and synthesis of output filter for uninterruptable power sources with PWM inverter 17007
Nowak, R. *see* Loschner, H. 27920
Nowak, W.-D. *see* Barber, D.P. 31578
Nowakowski, J. Fundamental limits on polarization resolution of a two point object 30921
Nowakowski, J., Simuoli, V. Active angular tracking with narrow beam illumination 14712
Nowe, C. *see* van Sas, J. 41775
Nowell, M.C., Zhang, L.M., Carroll, J.E., Fice, M.J. Chirp reduction using push-pull modulation of three-contact lasers 43917
Nowick, S.M., Dean, M.E., Dill, D.L., Horowitz, M. The design of a high-performance cache controller: a case study in asynchronous synthesis 10035
Nowick, S.M., Dill, D.L. Exact two-level minimization of hazard-free logic with multiple-input changes 26890
Nowicki, A. *see* Marasek, K. 24149
Nowicki, K. *see* Konorski, J. 45343
Nowicki, R.S., Arias, L., Rau, C., Motamedi, A., Harris, D.W., Baumann, S. Improving the barrier properties of nickel, chrome and nichrome films on silicon 1943
Nowland, W. *see* Drake, D. 6183
Nowlin, R.N., Fleetwood, D.M., Schrimpf, R.D., Pease, R.L., Combs, W.E. Hardness-assurance and testing issues for bipolar/BiCMOS devices 34923
Nowlin, R.N. *see* Kosier, S.L. 34922
Nowotny, U. *see* Thiede, A. 27025
Nowotny, U. *see* Thiede, A. 33996
Nowrouzian, B. A novel approach to the exact design of the follow-the-leader LDI digital allpass networks 10320
Nowrouzian, B., Bruton, L.T. Closed-form solutions for discrete-time elliptic transfer functions 10255
Nowrouzian, B., Bruton, L.T., Agnew, D.G. A novel approach to the exact design of LDI digital filters 10322
Nowrouzian, B. *see* Satyanarayana, J.H. 41846
Noya, A. *see* Sasaki, T. 27775
Noya, A. *see* Yamane, M. 19162
Noya, A. *see* Yoshimoto, K. 2232
Noyes, G. *see* Ahmed, T. 38929
Noz, M.E. *see* Brown, L.G. 31832
Nozadze, G.D. *see* Svanidze, R.G. 23050
Nozaki, C., Imamura, N., Sano, Y. Factors controlling pretilt angles of polyimide alignment film for liquid crystal displays 15123
Nozaki, H. *see* Morita, K. 39627
Nozaki, H. *see* Sasaki, M. 38563
Nozaki, K. *see* Kanari, K. 25658
Nozaki, K. *see* Negishi, A. 48074
Nozaki, K. *see* Tsuda, I. 25275
Nozaki, R. *see* Courteau, R. 43193
Nozaki, S., Takahashi, K. Design of future electron devices with intelligent materials 33579
Nozaki, S. *see* Ming Oi 9581
Nozaki, S. *see* Qi Ming 18172
Nozaki, S. *see* Qi Ming 26441
Nozaki, S. *see* Takahashi, K. 46346
Nozaki, T. *see* Chun-Wei Lin 14878
Nozaki, Y., Kuwata, Y., Koyashiki, T., Aoki, T. Follow-up control method in a resonant DC link inverter 8652
Nozaki, Y. *see* Okumura, T. 45544
Nozaki Tatsuo *see* Tatsuo Nozaki
Nozal, L. *see* Mohammed, M.S. 1337
Nozal, L. *see* Shaban, M. 30017
Nozawa, A. *see* Wakaya, F. 28224
Nozawa, H., Tamaru, K. Low activation energy by polarization in a floating gate structure 1965
Nozawa, H. *see* Sato, H. 28980
Nozawa, J., Yamashita, K., Miki, I., Matsuse, K. Analysis and an improvement of transient characteristics of pole-changing induction motor with single primary winding 25436
Nozawa, O. *see* Kitazawa, H. 11916
Nozawa, S. *see* Sugawara, M. 2264
Nozawa, T. *see* Himeno, K. 35416
Nozu, T., Iizuka, N., Kuriyama, Y., Hongo, S. Reliability characteristics of ohmic contacts for AlGaAs/GaAs HBTs 11155
Nozue, H. *see* Tounai, K. 27808
Nozue, H. *see* Yamanaka, K. 2332
Nozue, Y. *see* Kowaka, M. 3414
Ntoutoume, T., Briguet, A., Deguin, A., Lapray, C. Simultaneous image acquisition in magnetic resonance imaging 7381
Ntuen, C.A., Park, E.H., Deeb, J.M., Winchester, W., Mansfield, E. The development of flight simulation database using handling quality studies 7523
Nuanes, A. *see* Anderson, G. 38901
Nubile, P., Veissid, N. A contribution to the optimization of front-contact grid patterns for solar cells 25699
Nubling, R.B. *see* Pedrotti, K.D. 43673
Nucci, C.A., Zanobetti, D., Faglioni, C., Albertini, A. Aging indexes for tubular-plate lead-acid batteries for electric vehicles 48091
Nucci, J., Neves, H., Shacham, Y., Eisenbraun, E., Zheng, B., Kaloyeros, A. In-situ analysis of the microstructure of thermally treated thin copper films 33720
Nucciotti, A. *see* Colling, P. 20190
Nucciotti, A. *see* Ferger, P. 38850
Nucciotti, A. *see* Frank, M. 24026
Nucciotti, A. *see* Nagel, U. 24049
Nuchter, G. *see* Wachholz, G. 22658
Nuchter, G. *see* Wachholz, G. 30534

Nuelk, S. *see* Raina, G. 7820
Nugent, A.H. *see* Bertram, C.D. 7474
Nugent, G., Richardson, A.O. Optimization of a real-time adaptive self-tuning filter implemented on a Texas Instruments TMS320C30 floating point DSP 18880
Nugent, K.A. *see* Butler, D.J. 43394
Nugent, K.A. *see* Chapman, H.N. 19288
Nugent, K.A. *see* Chapman, H.N. 19289
Nugent, K.A. *see* Dixit, S.N. 44160
Nugent, M. *see* Jianping Xi 33058
Nugent, M.J., Moore, P.L. Utility experience with titanium condenser tubing [of steam cogeneration plants] 16663
Nugent, S.T. *see* Pillai, S.R. 27038
Nugent, S.T. *see* Radhakrishnan Pillai, S. 27039
Nugent, W.A., Broyles, J.W. Assessment of graphics and text formats for system status displays 16093
Nuhn, H.-D. *see* Carr, R. 15389
Nuhn, H.-D. *see* Pellegrini, C. 44002
Nukii, T. *see* Yamamura, K. 19123
Nukiyama, A. *see* Kawabata, S. 38422
Nukiyama, A. *see* Yanagimoto, Y. 38423
Nukui, H. Electronic communication and groupware 45653
Nuland, E.van *see* van Nuland, E.
Nulman, J. *see* Dixit, G.A. 19656
Nulty, T.E. Stimulating vitality and innovation [telecommunications privatization] 5270
Numada, M. *see* Koshimizu, H. 36903
Numahara, T. *see* Nakahara, S. 31886
Numai, T. Semiconductor wavelength tunable optical filters 22742
Numai, T., Kawakami, T., Yoshikawa, T., Sugimoto, M., Sugimoto, Y., Yokoyama, H., Kasahara, K., Asakawa, K. Record low threshold current in microcavity surface-emitting laser 3665
Numai, T., Kurihara, K., Ogura, I., Kosaka, H., Sugimoto, M., Kasahara, K. Effect of sidewall reflector on current versus light output in a pnpn vertical-to-surface transmission electrophotonic device with a vertical cavity 12193
Numai, T. *see* Araki, S. 20495
Numai, T. *see* Beyzavi, K. 43644
Numai, T. *see* Kajita, M. 43683
Numai, T. *see* Kosaka, H. 43686
Numai, T. *see* Nishio, M. 14360
Numai, T. *see* Nishio, M. 30588
Numai, T. *see* Yamanaka, Y. 43380
Numajiri, T. *see* Sanada, M. 43106
Numata, F. *see* Kawashima, M. 36815
Numata, H., Yamazaki, R., Ohno, I. A new Ni-polymer composite for MCFC porous electrode 40455
Numata, H. *see* Nagasawa, S. 41901
Numata, I., Horiguchi, S. WSI implementation of mesh-connected multiprocessor systems 41981
Numata, K., Aoki, K., Fukuda, Y., Nishimura, A., Schleisman, A. Alpha particle emission from platinum and its influence on DRAM operation 10163
Numazawa, J. *see* Yoshimoto, H. 20144
Nummela, A., Nurmi, J., Isoaho, J., Tenhunen, H. Strategies for implementation independent DSP system development using HDL based design automation 18787
Nummila, K., Tong, M., Ketterson, A.A., Adesida, I. DC characteristics of nanometer-gatelength GaAs MESFETS 2598
Nummila, K. *see* Ballegeer, D.G. 28212
Nummila, K. *see* Morikuni, J.J. 35633
Nunan, P. *see* Arugu, D.O. 2330
Nunes, A.A.C., Seixas, P.F., Cortizo, P.C., Silva, S.R. Wind turbine simulator using a DC machine and a power reversible convertor 40073
Nunes, D. *see* Trunk, J. 3037
Nunes, M.S., Soerensen, P.D., Frieden, M., Goncalves, J., Gunay, M., Blaser, H., Tao, V. ATM-N-ISDN 2 Mbit/s Interworking Unit 14288
Nunes, P.C., Loew, H.-J. Data communications in Rio 5516
Nunes, V.A.A. *see* Altafim, R.A.C. 43168
Nunes-Lagos, R. *see* Kuz'minov, V.V. 7164
Nunez, A. *see* Gomez, L. 2679
Nunez, A. *see* Gomez, L. 20022
Nunez, A. *see* Montiel, J.A. 41557
Nunez, P.L., Silberstein, R.B., Cadusch, P.J., Wijesinghe, R.S., Westdorp, A.F., Srinivasan, R. A theoretical and experimental study of high resolution EEG based on surface Laplacians and cortical imaging 39040
Nunn, C. Power line carrier as a communications medium for remote metering 45743
Nunn, J.W., Salmon, P. Novel algorithm for comparative measurement of sub-micrometre features on photomasks 42815
Nunnally, W.C. *see* Browder, M.K. 28638
Nunnally, W.C. *see* Edwards, R.N. 21447
Nuno, F., Alonso, J.M., Gonzalez, J.L., Rico, M. Switching DC/DC converters educational workbench 145
Nuno, F. *see* Pernia, A.M. 8554
Nunogami, H. *see* Ono, S. 19931
Nunoi, T. *see* Nammori, T. 25678
Nunose, H. *see* Sasaki, H. 27106
Nunose, H. *see* Sasaki, H. 27106
Nunoshita, M. *see* Gofuku, E. 19247
Nunoshita, M. *see* Imaizumi, M. 11873
Nunoshita, M. *see* Imaizumi, M. 20892
Nunoshita, M. *see* Matsukawa, F. 6706
Nunoshita, M. *see* Sugawara, T. 6690
Nunoya, Y., Ruan, J.-Z., Kubota, S. Variation in decay curves of Auger-free luminescence under high-energy electron excitation and VUV photon excitation from BaF_2 and CsCl crystals 31680
Nuns, J., Foch, H., Metz, M., Yang, X. Radiated and conducted interferences in induction heating equipment: characteristics and remedies 8995
Nunzi, J.M., Charra, F. Picosecond two-photon absorption effects on index variation gratings in polydiacetylenes 12391
Nunziante, P. *see* Gusmano, G. 18239
Nuovo, M.M. *see* Camarda, P. 23061
Nur, A. *see* Kachan, A.D. 16684
Nur, O., Willander, M. Switching characteristics of $pSi/nSi_{1-x}Ge_x/CoSi_2$ Schottky collector HBT 11157
Nur, O. *see* Radamson, H.H. 42401
Nurgaliev, T.K., Spasov, A.Y. Combined measurements of electric and magnetic parameters of superconducting films 38644
Nurgozhin, N.N. *see* Aksinenko, V.D. 7265
Nuri, S. *see* Ujiie, M. 45551
Nuri, V., Bamberger, R.H. A theoretical framework for the analysis and design of size-limited multirate filter banks 13353
Nuri, V. *see* Bamberger, R.H. 37027
Nurie, G.M. The impact of test on reliability, maintainability, and producibility 26559
Nurishi, R., Iida, T., Ikebe, Y., Abe, S. Automatic counting of CN film etch-pit by image processing method 46968
Nurkuziev, G. *see* Agzamova, M.Kh. 33074
Nurligareev, D.Kh. *see* Loktev, S.M. 28493
Nurmi, J. *see* Nummela, A. 18787
Nurmikko, A.V., Gunshor, R.L. Optics in lower-dimensional quantum confined II-VI heterostructures 3640
Nurmikko, A.V. *see* Ding, J. 3322
Nurmikko, A.V. *see* Fan, Y. 1848
Nurmikko, A.V. *see* Fan, Y. 42425
Nurmikko, A.V. *see* Grillo, D.C. 3647
Nurmikko, A.V. *see* Grillo, D.C. 28811
Nurmikko, A.V. *see* Gunshor, R.L. 12251
Nurmikko, A.V. *see* Hovinen, M. 12219
Nurmikko, A.V. *see* Jung Han 43911
Nurmikko, A.V. *see* Salokatve, A. 12146
Nurmikko, A.V. *see* Salokatve, A. 20767
Nurmikko, A.V. *see* Xie, W. 9536
Nurre, J.H. *see* Chinchilla, R. 40838
Nurushev, S.B. *see* Asseev, A.A. 15403
Nurushev, S.B. *see* Grachev, A.O. 15595
Nurushev, T.S. *see* Phelps, R.A. 38798
Nusinovich, G. *see* Levush, B. 27417
Nusinovich, G.S. *see* Latham, P.E. 1783
Nusinovich, G.S. *see* Lawson, W. 6872
Nusinovich, G.S. *see* Saraph, G.P. 10625
Nuss, M.C. *see* Planken, P.C.M. 19388
Nussbaum, A. A new approach to numerical field and potential calculations 44229
Nussbaum, D. *see* Agarwal, A. 18772
Nussbaum, J. *see* Cherry, G. 5334
Nussbaum, M. *see* Abe, K. 7260
Nussbaum, M. *see* Abe, K. 15619
Nussbaum, M. *see* Abe, K. 46930
Nussbaumer, J.-P., Jufer, M. Single-chip field-bus control of building automation actuators 40103
Nussey, R. 'RadioRead on trial' 45496
Nuti, M. *see* Beaumont, S.P. 15637
Nutt, A.C.G. One-step stripe waveguide fabrication process for polymer integrated optics 3158
Nutt, R. *see* Moses, W.W. 15732
Nutt, R. *see* Townsend, D. 47079
Nutt, R. *see* Townsend, D.W. 15764
Nuttall, C.L. *see* Hood, K.J. 6052
Nuttall, K.I., Chen, W. An optically activated SIT for high voltage applications 2589
Nutter, E.H., Converse, S. Analogue and digital displays for the detect, diagnose and correct phases in fault management 15144
Nuwa, Y. *see* Matsuguchi, M. 46365
Nuwayhid, R.Y., Moukalled, F. The effect of planet thermal conductance on conversion of solar energy into wind energy 32538
Nuytkens, P. *see* Cheung-Wei Lam 17895
Nuytkens, P.R. *see* Eugster, C.C. 18836
Nuyts, R.J. *see* Delavaux, J.-M.P. 35764
Nuzzo, S. *see* Abbrescia, M. 7270
Nwankpa, C.O. The search for an on-line dynamic security index 24799
Nwankpa, C.O., Hassan, R.M. A stochastic based voltage collapse indicator 24611
Nwankpa, C.O., Hassan, R.M. Modeling uncertainties affecting power system dynamics 24628
Nwankpa, C.O., Shahidehpour, S.M. Effect of probabilistic line outages on small disturbance stability analysis 24653
Nwankpa, C.O., Shahidehpour, S.M., Schuss, Z. A generalized approach to the mean first passage time of a dynamic power system 7836
Nyaas, K. *see* Wardeberg, J. 6010
Nyberg, H.N. *see* Jansen, B.H. 39069
Nyberg, K. Differentially uniform mappings for cryptography 36533
Nyberg, K. New digital signature scheme based on discrete logarithm 44737
Nyberg, K., Knudsen, L.R. Provable security against differential cryptanalysis 21546
Nyberg, K., Rueppel, R.A. Weaknesses in some recent key agreement protocols 29430
Nyberg, M. *see* Cronstrom, H. 31804
Nybo, J.H. *see* Morlan, T.H. 7780
Nye, L.W. K-factor test board design impact on thermal impedance measurements 1710
Nygard, E. *see* Ohlckers, P. 11278
Nygard, E. *see* Thomas, S.L. 46987
Nygard, E. *see* Toker, O. 38910
Nygren, E. *see* Spaepen, F. 9574
Nygren, G., Granas, A. A new method for artificial ageing of polymer outdoor insulating material 2726
Nygren, K. *see* Silvennoinen, R. 47062
Nygren, S. *see* Karlin, T.E. 19631
Nygren, T. *see* Khudukon, B.Z. 7594
Nyholm, P., Rao, S., Duffy, H. Electromagnetic interference in portable electronic products—emerging challenges and opportunities 12625
Nyholm, P., Rao, S., Duffy, H. Electromagnetic interference in portable electronic products: emerging challenges and opportunities 36223
Nyholm, P., Rao, S., Schulze, K. Connection techniques in portable electronics systems 34315
Nyka, K., Okoniewski, M., Mrozowski, M., Jagielski, P., Adamski, W., Lefeuvere, S., Penkowski, M., Haczewski, A., Debicki, P. Teaching of medical and industrial applications of microwaves at the Technical University of Gdansk 26107
Nykanen, E. *see* Balek, V. 33627
Nykanen, E. *see* Kattelus, H. 9671
Nykolak, G., Becker, P.C., Shmulovich, J., Wong, Y.H., DiGiovanni, D.J., Bruce, A.J. Concentration-dependent $^4I_{13/2}$ lifetimes in Er^{3+}-doped fibers and Er^{3+}-doped planar waveguides 11650
Nykolak, G., Haner, M., Becker, P.C., Shmulovich, J., Wong, Y.H. Systems evaluation of an Er^{3+}-doped planar waveguide amplifier 35447
Nykolak, G. *see* Giles, C.R. 3504
Nykolak, G. *see* Hong Koo Kim 9682
Nyland, T.W. *see* Osterwalder, J.M. 24448
Nylandsted Larsen, A. *see* Shiryaev, S.Y. 18164
Nylandsted Larsen, A. *see* Thomsen, E.V. 42632
Nylen, M. *see* Sandstrom, R. 18366
Nylen, P. *see* Street, R.A. 31306
Nyman, A., Jaaskelainen, K., Vaitomaa, M., Jansson, B., Danielsson, K.-G. The Fenno-Skan HVDC link commissioning 47458
Nyman, A. *see* Ekenstierna, B. 47491
Nyman, G. *see* Qutaishat, S. 46872
Nyman, H. *see* Lagerstedt, B. 5291
Nyong, D. *see* Prevedourou, D. 37218
Nyquist, D.P., Grimm, J.M. Integral-operator-based spectral analysis for radiation modes of open-boundary waveguides 12662
Nyquist, D.P. *see* Bagby, J.S. 34214
Nyquist, D.P. *see* Ilavarasan, P. 46031
Nyquist, D.P. *see* Rothwell, E. 46048
Nyquist, D.P. *see* Viola, M.S. 20378
Nysschen, J.H. *see* Ehlers, E. 21677
Nyssen, E. *see* Li, H. 24208
Nystrom, S., Roth, G., Granstrom, K. Terrestrial transmission of digital HDTV in 8 MHz UHF channels 38298
Nysveen, A., Hernes, M. Minimum loss design of a 100 kHz inductor with foil windings 8487
Nyuli, A., Szekeres, B. An improved method for calculating the diffraction loss of natural and man made obstacles 36188
Nyyssonen, D. Developments in 2D AFM metrology 23879
Nyyssonen, D., Seligson, J., Mazor, I. Phase image metrology with a modified coherence probe microscope 23877

O Jeong Gi *see* Gi O Jeong
O-Kyun Kwon *see* Young-Wan Choi 43531
Oae, Y. *see* Sakamoto, K. 27870
Oae, Y. *see* Sakamoto, K. 27912
Oakeshott, R.B.S. *see* Blaikie, R.J. 19340
Oakland, M.D. *see* Atkins, R.A. 46469
Oaklander, P.R. *see* Miller, G.A. 27018
Oakley, B. HyperCard courseware for introduction to circuit analysis 131
Oakley, J. *see* Shann, R. 36934
Oami, T. *see* Ikeuchi, T. 45641
Oasa, H., Wagner, M. A method to evaluate the pre-processing stage of isolated-word recognition systems 12996
Oasa, T. *see* Fukano, Y. 42574
Oasa, T. *see* Morita, S. 11340
Oasa Takahiko *see* Takahiko Oasa
Oates, A.S. Electromigration in stress-voided Al alloy conductors 42765
Oates, A.S., Barr, D.L. Lattice electromigration in narrow Al alloy thin-film conductors at low temperatures 34793
Oatis, K. *see* Parsons, J.D. 728
Oatts, M.L. *see* Savulescu, S.C. 32297

Oba, Y. Trends of digital recording technology 31078
Obadi, A., Charar, S., Fau, C., Dos Santos, O., Averous, M., Dal Corso, S., Liautard, B., Tedenac, J.C. Growth studies and physical characterizations of Pb-Se-Te epilayers grown by HWE 9566
Obadina, O.O., Berg, G.J., Sharaf, T.A.M. Transmission capacity assessment 7731
Obaidat, M.S. On the characterization of ultrasonic transducers using pattern recognition 24544
Obaidat, M.S., Abu-Saymeh, D.S., Cibis, G., Pierce, D. A video pattern generator for vision test 15116
Obara, H. *see* Iwase, R. 13851
Obara, K. *see* Tsuji, H. 28422
Obara, M. *see* Chuen-Huei Yang 28698
Obara, M. *see* Hatanaka, H. 11969
Obara, M. *see* Hatanaka, H. 12295
Obara, M. *see* Kumagai, H. 26493
Obara, M. *see* Kuriyama, Y. 45914
Obara, M. *see* Nakamura, S. 3474
Obara, M. *see* Sugiyama, T. 42195
Obara, M. *see* Sumiyoshi, T. 11989
Obara, N., Tanaka, K., Yamamoto, S.-i., Wakana, H. Land mobile satellite propagation measurements in Japan using ETS-V satellite 37746
Obara, Y., Amano, T., Kumamoto, S. Mounting of fine pitch components with precoat soldering 19221
Obata, A. *see* Tajima, T. 48244
Obata, I., Ono, Y. ATV system in North America 6219
Obata, M. *see* Krasawa, T. 22017
Obeidat, A., Khurgin, J., Li, S. Active antireflection coating electrooptic modulator 28512
O'Beirne, P., Byrne, J.V. Inductive transducer for linear motion giving resolver type output 38479
Obelleiro, F., Rodriguez, J.L., Pino, A.G. Application of the generalized ray expansion (GRE) method to the electromagnetic scattering of waveguide cavities 29246
Obelleiro, F. *see* Garcia-Pino, A. 4050
Obensa, J.C.Lazaro *see* Lazaro Obensa, J.C.
Obenschain, S.P. *see* Deniz, A.V. 35690
Obenschain, S.P. *see* Lehmberg, R.H. 35952
Ober, C.K. *see* Gabor, A.H. 11008
Ober, M.H., Hofer, M., Keller, U., Chiu, T.H. Self-starting diode-pumped femtosecond Nd fiber laser 3484
Ober, M.H. *see* Dong, L. 35407
Oberg, M., Kjebon, O., Lourdudoss, S., Nilsson, S., Backbom, L., Streubel, K., Wallin, J. Increased modulation bandwidth up to 20 GHz of a detuned-loaded DBR laser 43929
Oberg, M., Nilsson, S., Klinga, T., Backbom, L., Streubel, K., Wallin, J., Sahlen, O. Monolithic 2×2 InP space and wavelength switch 28686
Oberg, M. *see* Pedersen, R.J.S. 23008
Oberhardt, M.R., Hardy, D.A., Thompson, D.C., Raitt, W.J., Melchioni, E., Bonifazi, C., Gough, M.P. Positive spacecraft charging as measured by the Shuttle potential and Return Electron experiment 39148
Oberjohn, W.J. *see* Claussen, R.L. 8127
Oberle, H.-D. *see* Khare, J. 10176
Obermayer, R.W. *see* Thomas, G.S. 7695
Obermeier, E. *see* Fricke, J. 31200
Obermeier, E. *see* Hammerschmidt, D. 31210
Obermeier, E. *see* Lin, J. 6629
Oberretl, K. Parasitic synchronous torques and oscillations in squirrel cage induction motors, influence of transients and iron saturation. Part I: Steady state 47873
Oberschmidt, J.M. *see* Silverman, J.P. 6948
Oberschmidt, J.M. *see* Silverman, J.P. 27989
Oberski, J. *see* Blok, H.P. 38935
Obi, H. *see* Kikuchi, T. 40618
Obi, H. *see* Yoneda, Y. 34939
Obi, J., Popplewell, A., Farrell, P.G. Combined DC free, runlength limited, and burst error correcting code for a four track magnetic tape 6246
Obieta, I. *see* Garcia-Alonso, A. 797
Obieta, I. *see* Garcia-Alonso, A. 6437
Obina, T. *see* Kikutani, E. 7000
Oblinger, J. *see* Bussiere, G. 7679
Oblow, E.M. *see* Rao, N.S.V. 44942
O'Boyle, M.P. *see* Voldman, S.H. 28277
Oboznov, V.A. *see* Ustinov, A.V. 2910
Obraczka, K., Danzig, P.B., Li, S.-H. Internet resource discovery services 5457
Obradovic, I. *see* Petrovic, S. 21844
Obradovic, Z. *see* Perez, L.G. 47937
Obraztsov, A., Rogozhkin, I.B., Chernyakov, M.S. The effect of the spectral characteristics of the clock signal on the operation of a digital filter 18868
Obraztsov, V. *see* Benvenuti, A. 7252
Obrecht, M.S., Elmasry, M.I. Speeding-up of convergence of Gummel iterations for transient simulation 19717
Obrecht, M.S. *see* Elrabaa, M.S. 41856
Obregon, J. *see* Carvalho, P. 1489
Obregon, J. *see* Dietsche, S. 30625
Obregon, J. *see* Quere, R. 28069
Obregon, J. *see* Quere, R. 34282
Obregon, J. *see* Villemazet, J.F. 27235
Obregon, J.J. *see* Ongareau, B. 11238
Obremski, B. *see* Sharp, G. 20410
Obrenovitch, T.P., Richards, D.A., Sarna, G.S., Symon, L. Combined intracerebral microdialysis and electrophysiological recording: methodology and applications 7425
O'Brien, B. A battery management system for electric buses 40438
O'Brien, B. *see* Kershner, R.L. 16518
O'Brien, D. *see* Floyd, M.R. 8085
O'Brien, D.C., Wilkinson, T.D., Mears, R.J. Programmable computer generated holograms with large space bandwidth product 12486
O'Brien, D.E., Hahne, B.M., Krusius, J.P. Physical design alternatives for RISC workstation packaging 40946
O'Brien, D.L., III *see* Wong, B. 33354
O'Brien, D.P. A firmware architecture for multiple high-performance measurements 23482
O'Brien, D.P. *see* Blue, K.J. 23481
O'Brien, E., Bennett, M., Cherniatin, V., Chi, C.Y., Chikanian, A., Li, Q., Nagamiya, S., Nagle, J., Pope, K., Sangster, C., Shiva Kumar, B., Smirnov, N., Wohn, F., Zheng, W. Electron identification in the PHENIX experiment using a tracking TRD 31743
O'Brien, E. *see* Arnold, J. 38261
O'Brien, E. *see* Fowler, B. 41394
O'Brien, E. *see* Uram, K.J. 18254
O'Brien, F. *see* Asquith, P. 14237
O'Brien, G., Davis, L. Multivariable analyzers: the pros and cons 46283
O'Brien, J.F. *see* Fink, R.T. 39694
O'Brien, K. Surface mount on flex 27352
O'Brien, K. *see* Tom Wu, T.H. 27736
O'Brien, M.T., Fletcher, D.E., Gleadow, J.C. Principal features of the New Zealand DC hybrid link 47464
O'Brien, M.T., Larsen, J.E., Hjalmarsson, G. New Zealand HVDC transmission: 350 kV submarine power cable specification and overload capability 47465
O'Brien, P., McGrath, S., Burkley, C.J. The generation of bandwidth efficient modulation schemes using direct digital synthesis 36486
O'Brien, P. *see* Davison, R. 37306
O'Brien, P. *see* Davison, R. 45464
O'Brien, P. *see* Foster, B. 31714
O'Brien, P. *see* Wiegand, M. 37296
O'Brien, P.F. *see* Gillies, B.A. 15905
O'Brien, S., Mehuys, D., Major, J., Lang, R., Parke, R., Welch, D.F., Scifres, D. 1.3 W CW, diffraction-limited monolithically integrated master oscillator flared amplifier at 863 nm 12232
O'Brien, S., Welch, D.F., Parke, R.A., Mehuys, D., Dzurko, K., Lang, R.J., Waarts, R., Scifres, D. Operating characteristics of a high-power monolithically integrated flared amplifier master oscillator power amplifier 12198
O'Brien, S. *see* Allen, C. 4982
O'Brien, S. *see* Lang, R.J. 12197
O'Brien, S. *see* Major, J.S., Jr. 43952
O'Brien, S. *see* Waarts, R. 29019
O'Brien, S.C. *see* Bowling, R.A. 27712
O'Brien, W.D., Jr. *see* Chen, E.J. 7401
O'Brien, W.D., Jr. *see* Ellis, D.S. 15714
O'Brien, W.D., Jr. *see* Hein, I.A. 7672
O'Brien, W.D., Jr. *see* Hein, I.A. 24255
O'Brien, W.D., Jr. *see* Hein, I.A. 24256
O'Brien, W.F. *see* Thomas, R.H. 36632
Obryk, E. Nuclear-coal synergism as an option for future energy systems 39804
Obuchi, A. *see* Sinha, B.K. 6481
Obudovski, V.P. *see* Cianfarani, C. 31731
Obukhov, I.A. The possibility of making relaxation quantum devices 34878
Obukhov, S.A. New type of cryogenic semiconductor resistance thermometer 31497
Obukhov, S.G., Rosinskaya, T.V. Algorithms for the voltage-current characteristics of a controlled converter 17015
Obukhov, S.G. *see* Iskhakov, A.S. 9021
Obukhov, S.G. *see* Iskhakov, A.S. 16990
Obukhov, S.G. *see* Lukutin, B.V. 40046
Obukhovskii, V.V., Smirnova, T.N. Model of holographic recording on photopolymerizing composites 3930
Obyden, S.K. *see* Mokhov, E.N. 26413
Ocacia, G. *see* Sadhu, D. 25193
O'Callaghan, M.J. *see* Handschy, M.A. 3212
Ocampo, P. Clock synchronizing implications of IEEE 1149.1 26764
Ocana, J.L., Garcia-Beltran, A., Solana, P., Martinez, P., Sanchez, M., Herrero, F., Rodriguez, J., Molpeceres, C. A set of numerical models for the characterization of laser processing applications 21138
Ocana, J.L., Molpeceres, C., Gamez, M.L., Gamez, B., Alconchel, F. Numerical simulation and experimental diagnosis of the laser-plasma interaction in high intensity processing applications 21128
Ochi, A. *see* Hamamoto, Y. 38301
Ochi, A. *see* Saito, T. 19170
Ochi, A. *see* Tabuchi, J. 1664
Ochi, H., Honma, H., Yamada, Y., Takara, Y., Kambayashi, N. A system identification using alias-free maximally decimated DFT-bank 1321
Ochi, H., Kinjo, S. A fast adaptive filter using DCT basis vectors 4590
Ochi, H., Yamada, Y., Kiya, H. A new class of subband adaptive filter using alias-free maximally decimated DFT-bank 13348
Ochi, H. *see* Baba, Y. 10592
Ochi, H. *see* Kinjo, S. 10317
Ochi, S., Zommer, N. I^3M, an intelligent, isolated, integrated half-bridge power module 8012
Ochi, S., Zommer, N. 200A, half-bridge IGBT module protects itself 18489
Ochi, T. *see* Higaki, N. 34086
Ochiai, A., Mine, S., Tai, K., Kuwabara, T. ISDN terminal equipment maintenance system 14270
Ochiai, H. *see* Kishioka, K. 23023
Ochiai, I. *see* Mochiji, K. 27717
Ochiai, M. *see* Kusunoki, T. 25172
Ochiai, T., Fukuda, H., Hayashi, T., Iwabuchi, T. High-performance buried-gate MOSFETs with RTO-grown ultrathin gate oxide films 28122
Ochiai, Y., Watanabe, H., Fujita, J., Baba, M., Manako, S., Matsui, S. Nanometer-scale direct carbon mask fabrication using electron-beam-assisted deposition 27834
Ochiai, Y. *see* Ahopelto, J. 26400
Ochiai, Y. *see* Lezec, H.J. 27535
Ochiai, Y. *see* Watanabe, H. 3319
Ochieng, W.Y. *see* Ashkenazi, V. 46144
Ochii, K. *see* Suzuki, A. 10173
Ochkin, V.N. *see* Heeman-Ilieva, M.B. 3418
Ochkin, V.N. *see* Kuznetsov, A.A. 11932
Ochnev, A.V. Complex data processing in two-coordinate radio direction-finders 23234
Ochoa, R. *see* Singh, R.K. 857
Ochrana, L. *see* Kadrnozka, J. 32713
Ochs, D. *see* Clausnitzer, G. 31621
O'Ciardha, T.E. *see* Lyons, B.N. 1391
Ockert, W. *see* Nickel, J.R. 7763
Ocola, L. *see* Krasnoperova, A.A. 11077
Ocola, L. *see* Krasnoperova, A.A. 27965
Ocola, L.E., Cerrina, F. Parametric modeling of photoelectron effects in X-ray lithography 27967
O'Conaill, B., Whittaker, S., Wilbur, S. Conversations over video conferences: an evaluation of the spoken aspects of video-mediated communication 45656
O'Connell, J., Butler, S., O'Connell, J. Evolution of simple phase space distributions using the Vlasov equation 46770
O'Connell, J. *see* O'Connell, J. 46770
O'Connell, M.P. *see* Engebretson, A.M. 24355
O'Conner, D.E. *see* DeShazer, J.K. 41647
O'Conner, K.J. *see* Fenstermaker, L.R. 34044
O'Connor, D. *see* Espie, D.M. 8222
O'Connor, L. On the distribution of characteristics in bijective mappings 36539
O'Connor, L. *see* Caelli, W. 21588
O'Connor, M. *see* Lynch, S. 2061
O'Connor, P. *see* O'Shea, C. 46550
O'Connor, T.E. *see* Kamperschroer, J.H. 7128
O'Connor, T.M., Jhon, M.S., Azarian, M.H., Bauer, C.L. Wear characteristics in thin-film media 2824
O'Connor, T.M. *see* Azarian, M.H. 2822
O'Connor, W.J. *see* McDonnell, N. 43229
O'Connor, W.Y. The evolution of enterprise networking & the corporate networking officer 37469
Oda, H. *see* Matsumoto, H. 19831
Oda, K., Toba, H. An optical FDM-add/drop multiplexing ring network utilizing fiber Fabry-Perot filters and optical circulators 5639
Oda, K., Toba, H. Frequency stability of a waveguide-type frequency selection switch for optical FDM distribution systems 6060
Oda, K., Toba, H., Nosu, K., Kato, K., Hibino, Y. Long term error-free operation of a fully-engineered 128 channel optical FDM distribution system 30722
Oda, K., Toba, H., Nosu, K., Kato, K., Hibino, Y. Long term laboratory test of a fully-engineered 128-channel optical FDM distribution system 30856
Oda, K. *see* Hasegawa, T. 20991
Oda, K. *see* Inoue, K. 5974
Oda, K. *see* Nosu, K. 6057
Oda, K. *see* Takachio, N. 30844
Oda, K. *see* Takedomi, S. 25467
Oda, K. *see* Takizawa, Y. 13123
Oda, K. *see* Toba, H. 6081
Oda, M., Katsu, I., Tsuneizumi, M., Fuchita, E., Kashu, S., Hayashi, C. Ultra fine particle films by gas deposition method 874
Oda, N. *see* Ajisawa, A. 15009
Oda, N. *see* Fujita, K. 5573
Oda, N. *see* Kanno, T. 31272
Oda, N. *see* Morimoto, Y. 18203
Oda, O. *see* Imaizumi, T. 1840
Oda, S. *see* Ara, T. 16800
Oda, S. *see* Mochinaga, Y. 17538
Oda, S. *see* Otobe, M. 9696
Oda, S. *see* Otobe, M. 26512
Oda, S. *see* Tsukui, T. 27602
Oda, T., Takahashi, T., Nakano, H., Masuda, S. Decomposition of fluorocarbon gaseous contaminants by surface discharge-induced plasma chemical processing 4008
Oda, Y. *see* Kumano, T. 2868
Odagawa, H. *see* Yamanouchi, K. 2768
Odagawa, T., Nakajima, K., Tanaka, K., Nobuhara, H., Inoue, T., Okazaki, N., Wakao,

K. Separate-confinement heterostructure dependence of the effective carrier recombination coefficient of strained InGaAs/InGaAsP multiple quantum well lasers 12136
Odagawa, T., Nakajima, K., Tanaka, K., Nobuhara, H., Inoue, T., Okazaki, N., Wakao, K. High-speed operation of strained InGaAs/InGaAsP MQW lasers under zero-bias condition 12153
Odagawa, T. *see* Yamamoto, T. 12110
Odahara, H. *see* Sakakihara, M. 34087
Odaka, M. *see* Ohhata, K. 10171
Odaka, M. *see* Ohhata, K. 18731
Odaka, M. *see* Tamba, N. 34046
Odaka, T. *see* Oku, T. 31019
Odake, Y. *see* Yamauchi, H. 26918
Odake, Y. *see* Yamauchi, H. 26951
Odalovic, M. *see* Pejovic, M. 19850
Odanaka, S. *see* Ohzone, T. 19878
Odanaka, S. *see* Ohzone, T. 42982
Odani, K. *see* Watanabe, Y. 5664
Odar, S. KWU chemical cleaning process to improve steam generator performance 39888
Odar, S., Schneider, V. High AVT secondary side chemistry to improve steam generator performance 39889
Odarchenko, A. *see* Nekhamin, M. 25812
O'Day, S.C., Bieniosek, F.M. 8.9 GeV $\bar{p}$ yield measurements at the Fermilab antiproton source 46834
Odedra, J. Optical technology in CATV environment 23328
Odegard, O. Telecommunications and social interaction—social constructions in virtual space 37424
Odegard, R. *see* Karoliussen, H. 17316
Odeh, F. *see* Fatemi, E. 2401
Odemuyiwa, O. *see* Kulakowski, P. 15854
Odemuyiwa, O. *see* Malik, M. 15852
Odemuyiwa, O. *see* Xia, R. 24300
Odendahl, G. *see* Haidn, H. 47197
Odenwalder, E.P. *see* Epstein, M.L. 16193
Odermann, A.J. *see* Nehrir, M.H. 40344
Odijk, F.A. *see* Reinders, M.J.T. 36826
Odinokov, S. *see* Gorelov, A. 35523
Odinokov, S.B. *see* Gorelov, A.M. 11747
Odinokov, V.F. The discrimination bands of logic discriminators employing positional quantization 33936
Odintsov, S. *see* Gorelov, A. 35523
Odintsov, V.I. *see* Nikolaev, D.A. 29002
Odoardi, G.L. *see* Marini, M. 39007
Odom, J. *see* Metz, S. 15927
O'Donnell, B. Supplier management: how to be outsourced and happy 37197
O'Donnell, F.J. *see* Betts, G.E. 43534
O'Donnell, I.H.D., Johnston, C.K. Hydro—UK's dependable renewable 25255
O'Donnell, K.A. Effects of finite stylus width in surface contact profilometry 6805
O'Donnell, M. *see* Bride, J.A. 18303
O'Donnell, M. *see* Hong Wang 39093
O'Donnell, M. *see* Karaman, M. 13505
O'Donnell, M. *see* Li, P.-C. 15707
O'Donnell, M. *see* Rowles, C. 4579
O'Donnell, M. *see* Wang, H. 15901
O'Donnell, M. *see* Yemelyanov, S.Y. 7400
O'Donnell, P. *see* Hundley, W. 46137
O'Donoghue, G. *see* Cheek, G. 9365
Odorico, A. *see* Bressani, M. 17471
O'Dowd, R.F. *see* Barry, L.P. 28865
O'Dowd, R.F. *see* Davis, M.G. 35886
O'Dowd, R.F. *see* McDonald, D. 30716
Odyniec, G. *see* Bachler, J. 46934
Odyniec, M. Nonlinear synchronized LC oscillators: theory and simulation 1103
Odyniec, M. New nonlinear analysis of onset of oscillations 30626
Odziemkowski, M., Irish, D.E. The reactivity of bare lithium metal surfaces in contact with various organic electrolytes 17242
Oe, K. *see* Yasaka, H. 28997
Oe, K. *see* Yasaka, H. 45965
Oe, T. *see* Tateiba, M. 21200
Oechsner, H. *see* Papadopulos, P. 33715
Oechsner, H. *see* Schmidt, U.I. 849
Oechsner, H. *see* Schmidt, U.I. 41421
Oehler, A.M., Sammuller, R. Generic cabling systems 22752
Oehler, K.L., Gray, R.M. Combining image classification and image compression using vector quantization 4837
Oehler, K.L. *see* Cosman, P.C. 13500
Oehlert, A. *see* Atrens, A. 18368
Oehrlein, G.S., Zhang, Y., Vender, D., Haverlag, M. Fluorocarbon high-density plasmas. I. Fluorocarbon film deposition and etching using CF_4 and CHF_3 42711
Oehrlein, G.S., Zhang, Y., Vender, D., Joubert, O. Fluorocarbon high-density plasmas. II. Silicon dioxide and silicon etching using CF_4 and CHF_3 42712
Oehrlein, G.S. *see* Haverlag, M. 42668
Oehrlein, G.S. *see* Henry, A. 19578
Oehrlein, G.S. *see* Ying Zhang 2149
Oei, W.S. *see* Chitre, D.M. 5842
Oei, Y., Kawahara, K., Murata, M., Miyahara, H. Performance analysis of internally unbuffered large scale ATM switch with bursty traffic 5170
Oei, Y.S. *see* Amersfoort, M.R. 38125
Oei, Y.S. *see* Pedersen, J.W. 35474
Oei, Y.S. *see* van der Tol, J.J.G.M. 43499
Oei, Y.S. *see* van der Tol, J.J.G.M. 43504
Oel, H.J. *see* Ivers-Tiffee, E. 17371
Oelert, W. *see* Ernst, J. 31659
Oeljeklaus, G. *see* Pruschek, R. 40007
Oelkrug, D. *see* Bauerle, P. 26528
Oelschlager, M. *see* Monich, G. 36294
Oentrich, W. *see* Balewski, K. 46775
Oepts, D. *see* Bakker, R.J. 3685
Oepts, D. *see* Bakker, R.J. 20924
Oepts, D. *see* Faatz, B. 3696
Oepts, D. *see* Jaroszynski, D.A. 12264
Oepts, D. *see* van Amersfoort, P.W. 12257
Oers, W.T.H.van *see* van Oers, W.T.H.
Oersterle, U. *see* Stanley, R.P. 12121
Oertel, H. *see* Burkmann, K. 15463
Oertel, H. *see* Kohlmann-von Platen, K.T. 26508
Oertel, H.K., Chlebek, J., Weiss, M. Process latitude for sub-200-nanometer synchrotron orbital radiation X-ray lithography 27864
Oertel, H.K. *see* Chlebek, J. 28029
Oertel, H.K. *see* Pantenburg, F.J. 28028
Oeschler, H. *see* Avdeev, S.P. 7275
Oeschler, H. *see* Avdeyev, S.P. 7149
Oesterhelt, D. *see* Brauchle, C. 20281
Oesterwind, D., Irmscher, R. The assessment of renewable energy sources from the viewpoint of an urban electrical utility with its own generation plant 32217
Oestreicher, W. *see* Marz, M. 35697
Oetliker, M. Response of a passivated implanted planar silicon (PIPS) detector for heavy ions with energies between 25 and 360 keV 24061
Oettel, R.E. *see* Brown, R.B. 11322
Oettler, M. *see* Ruck, B. 12497
Oeynhausen, H., Bergmann, D., Termuehlen, H. Large steam turbines for advanced power plants 32760
O'Farrell, T. Throughput analysis of a CDMA protocol with channel sensing and overload detection for fibre optic LANs 5868
O'Farrell, T., Lochmann, S. Performance analysis of an optical correlator receiver for SIK DS-CDMA communication systems 30723
Ofek, Y. *see* Chen, J.S.-C. 22513
Ofek, Y. *see* Cohen, R. 5252
Offenwanger, R. *see* Wachholz, G. 22658
Offenwanger, R. *see* Wachholz, G. 30534
Offermanns, U. *see* Reger, H. 14091
Offiler, D. The calibration of ERS-1 scatterometer winds 39386
Offrein, B.J. *see* Hoekstra, T.H. 3124
Offringa, L.J.J. *see* Hofmeester, N.H.M. 16768
Offringa, L.J.J. *see* Polinder, H. 16760
Ofiterov, M.N. *see* Dmitriev, V.M. 31378
O'Flaherty, M., Richman, G. Opportunities for Sub STM-1 radio systems in the BT network 14431
O'Flaherty, M.R. *see* Walton, P.W. 46522
Ofosu, W.K. *see* Mirshekar-Syakhal, D. 29304
Ofosu-Amaah, W., Tanaka, S., Miura, K. A current source based snubber energy recovery circuit for GTO inverters 8625
Oft, R.R. *see* Orendi, R.G. 39735
Ofuchi, M. *see* Yoda, M. 47286
Ogai, K., Matsui, S., Kimura, Y., Shimizu, R. An approach for nanolithography using electron holography 27868
Ogane, H. *see* Hirata, Y. 43062
Oganesyan, A. *see* Mizutani, T. 35163
Oganesyan, S.G., Abadzhyan, S.V. Harmonic generation near Cerenkov resonance 28883
Oganesyan, S.G., Abadzhyan, S.V. Nonlinear theory of Cerenkov laser 28884
Oganyan, I.R. *see* Karayan, G.S. 34564
Oganyan, R.A. *see* Glebovsky, V.G. 33717
Ogasa, M. *see* Watanabe, T. 8920
Ogasa, M. *see* Watanabe, T. 8953
Ogasaka, Y. *see* Kunieda, H. 15683
Ogasawara, F. *see* Iwata, A. 16262
Ogasawara, M. *see* Ichikawa, H. 14510
Ogasawara, S., Sawada, T., Abe, K., Akagi, H. A vector control system using a neutral-point-clamped voltage-source PWM inverter 40152
Ogasawara, S., Sawada, T., Akagi, H. Analysis of the neutral point potential variation of neutral-point-clamped voltage source PWM inverters 8790
Ogasawara, S. *see* Shinkawa, O. 17448
Ogasawara, T. *see* Mori, H. 16279
Ogata, A., Yoshida, Y., Yugami, N., Miya, K., Nishida, Y., Nakanishi, H., Nakajima, K., Tagawa, S., Shibata, H., Kozawa, T., Kobayashi, T., Ueda, T. Observation of a plasma wakefield build-up caused by a train of linac bunches 6952
Ogata, A. *see* Nakajima, K. 7013
Ogata, A. *see* Yoshida, Y. 6954
Ogata, H. *see* Morimoto, Y. 18203
Ogata, H. *see* Tanaka, M. 31640
Ogata, K. *see* Mozume, T. 33598
Ogata, M. *see* Sato, K. 18734
Ogata, N. *see* Kobayashi, T. 46208
Ogata, N. *see* Ogihara, T. 18324
Ogata, S. *see* Inomata, Y. 39353
Ogata, T., Takahashi, T., Shimada, R. New concept flywheel—ring flywheel generator 17414
Ogata, T., Takano, K., Kohno, M., Yoshida, K. Deterioration estimating method using pulse discharge and charge characteristics of lead-acid batteries 17229
Ogata, T. *see* Henmi, N. 45919
Ogata, T. *see* Ikejiri, M. 41322
Ogata, W., Kurosawa, K. On claw free families 36577
Ogata, W., Kurosawa, K., Tsujii, S. Nonperfect secret sharing schemes 21557
Ogata, W. *see* Kurosawa, K. 29487
Ogata, Y. *see* Kogure, M. 2164
Ogata, Y. *see* Mizokami, T. 38232
Ogata, Y. *see* Mizutani, Y. 47087
Ogawa, A. *see* Shibata, T. 5183
Ogawa, C. *see* Kitahata, H. 10508
Ogawa, E. *see* Hiratsuka, T. 27142
Ogawa, H. Microwave and millimeter-wave fiber optic technologies for subcarrier transmission systems 14655
Ogawa, H. A fuzzy relaxation technique for partial shape matching 45180
Ogawa, H., Banba, S., Suematsu, E., Kamitsuna, H., Polifko, D. A comparison of noise performance between a PIN diode and MMIC HEMT and HBT optical receivers 5910
Ogawa, H., Berrached, N.-E. A theory of extended pseudo-biorthogonal bases 4358
Ogawa, H. *see* Akiyama, K. 20501
Ogawa, H. *see* Banba, S. 28679
Ogawa, H. *see* De Baets, J. 31371
Ogawa, H. *see* Ikejiri, M. 41322
Ogawa, H. *see* Kamitsuna, H. 19128
Ogawa, H. *see* Kanazawa, M. 6908
Ogawa, H. *see* Kato, M. 25277
Ogawa, H. *see* Kitazawa, T. 3176
Ogawa, H. *see* Kuratomi, Y. 3251
Ogawa, H. *see* Kuratomi, Y. 11778
Ogawa, H. *see* Polifko, D. 1441
Ogawa, H. *see* Suematsu, E. 27261
Ogawa, H. *see* Yamashita, Y. 13581
Ogawa, K. 3.5-inch magneto-optical disk and its application 35312
Ogawa, K. Access network systems 46011
Ogawa, K., Nakamura, Y., Sekiguchi, H., Suzuki, S. UPT standardization activities in ITU-TS 37838
Ogawa, K., Nishizaki, N. Accurate scatter compensation using neural networks in radionuclide imaging 15730
Ogawa, K., Yoshioka, M., Utsumi, K. Magneto-optical disk and its application concept 28428
Ogawa, K. *see* Fujii, Y. 9605
Ogawa, K. *see* Fukuda, I. 40281
Ogawa, K. *see* Hiruma, K. 18150
Ogawa, K. *see* Kasi Viswanath, A. 26458
Ogawa, K. *see* Kruger, A. 38860
Ogawa, K. *see* Ogihara, T. 18324
Ogawa, K. *see* Ogihara, T. 48058
Ogawa, K. *see* Otobe, Y. 14794
Ogawa, K. *see* Saito, K. 33066
Ogawa, K. *see* Suga, Y. 9031
Ogawa, K. *see* Uwano, Y. 19187
Ogawa, M., Irii, H. Generation of modulated noise reference signal for coded speech quality evaluation 13018
Ogawa, M., Irii, H., Kitawaki, N. Subjective performance assessment of 16kb/s speech coding algorithm standardized by ITU-TS 13019
Ogawa, M., Mendez, E.E. Feasibility of room-temperature operation of tunable coupled-quantum-well lasers 12095
Ogawa, M., Mendez, E.E. Feasibility of room-temperature operation of tunable coupled-quantum-well lasers 43940
Ogawa, M., Nakajima, Y., Koyanagi, K., Furukawa, T. Rapid-access system for optical disk drive using feedforward brake pulse 20272
Ogawa, M. *see* Kirihara, T. 20375
Ogawa, M. *see* Kirihara, T. 45994
Ogawa, M. *see* Tsuji, H. 28422
Ogawa, M. *see* Tsujino, J. 16088
Ogawa, R. *see* Fukumoto, Y. 11536
Ogawa, R. *see* Fukumoto, Y. 28417
Ogawa, S., Lawrence, M., Dass, A., Fair, J.A., Kouzaki, T., Fraser, D.B. Epitaxial $CoSi_2$ film formation on (100) Si by annealing of Co/Ti/Si structure in N_2 10757
Ogawa, S., Nishimura, H., Kouzaki, T., Sinclair, R. Recent developments in high temperature sputter Al plug technologies 801
Ogawa, S., Watanabe, K. A high speed, switched-capacitor analog-to-digital converter using unity-gain buffers 1279
Ogawa, S., Watanabe, K. A switched-capacitor successive-approximation A/D converter 10218
Ogawa, S. *see* Takada, K. 31442
Ogawa, S. *see* Yoshida, T. 43099
Ogawa, T., Ioroi, T., Uchimoto, Y., Ogumi, Z., Takehara, Z. A novel method for preparation of Ni/YSZ cermet by vapor-phase processes 17358
Ogawa, T., Kidoh, H., Yashima, H., Morimoto, A., Shimizu, T. Ferroelectricity of lead-zirconate-titanate thin films prepared by laser ablation 11373
Ogawa, T., Kimura, M., Gotyo, T., Tomo, Y., Tsumori, T. Practical resolution enhancement effect by new complete anti-reflective layer in KrF excimer laser lithography 2328

Ogawa, T., Lu Taijing, Toyoda, K., Nango, N., Abe, T., Kusama, T. Optical characterization of Si wafers for ultralarge-scale integration 905
Ogawa, T., Suzuki, S., Ito, Y. Fujitsu's approach to technical trends in information and communication networks 45400
Ogawa, T. *see* Gocho, T. 42800
Ogawa, T. *see* Mochiji, K. 27717
Ogawa, T. *see* Onuki, T. 40259
Ogawa, T. *see* Scheckler, E.W. 27862
Ogawa, T. *see* Takamatsu, Y. 10116
Ogawa, T. *see* Tanaka, T. 19692
Ogawa, T. *see* Tomo, Y. 27947
Ogawa, T. *see* Ueda, T. 40382
Ogawa, T. *see* Yamamoto, M. 47256
Ogawa, Y., Nakajima, T., Yamada, H., Itoh, K. A superresolution technique for antenna pattern measurements 29345
Ogawa, Y., Watanabe, H., Sakai, M., Tunou, K. Analysis of thermoelectric power generation using thermoelectric element 48147
Ogawa, Y. *see* Arahira, S. 43900
Ogawa, Y. *see* Arahira, S. 43915
Ogawa, Y. *see* Ebitani, K. 37009
Ogawa, Y. *see* Inoue, S. 2346
Ogawa, Y. *see* Ong, J.T. 12156
Ogawa, Y. *see* Shirakawa, T. 46076
Ogawara, Y. *see* Kunieda, H. 15683
Ogbuobiri, E.C. *see* Momoh, J.A. 24800
Ogbuobiri, E.C. *see* Momoh, J.A. 39498
Ogden, D. *see* Burgess, B. 41930
Ogden, D. *see* Poursepanj, A. 41932
Ogden, F. Charge pumped op-amp supplies the missing rail [TLE 2662] 9987
Ogenko, V.M. *see* Semchuk, A.Yu. 3197
Oghanna, W. *see* Flinders, F. 47999
Oghanna, W. *see* Houghton, D. 40197
Oghanna, W. *see* Mathew, R. 40215
Oghanna, W. *see* Pang, S. 40216
Oghanna, W. *see* Senini, S. 34296
Oghanna, W. *see* Senini, S. 48374
Ogi, A. Swiss telecommunications policy in a dynamic environment 22396
Ogi, H., Tanaka, H., Akimoto, Y., Izui, Y. Abnormality diagnosis of GIS using adaptive resonance theory 25594
Ogi, H. *see* Hirao, M. 9865
Ogi, H. *see* Yoshizawa, J. 7825
Ogi, H. *see* Yoshizawa, J. 32271
Ogi, H. *see* Yoshizawa, J. 47426
Ogier, J.M., Olivier, C., Lecourtier, Y. Extraction of road networks from digitized maps 13796
Ogihara, A. *see* Hayashi, Y. 29565
Ogihara, M., Toda, F., Makita, T., Abe, H. Formation of $(Ba,Rb)BiO_3$ thin films by molecular beam epitaxy using distilled ozone 710
Ogihara, T., Iida, H., Inoue, K., Torii, K. Compression method using LZW coding and a sliding window 21857
Ogihara, T., Saito, Y., Yanagawa, T., Ogata, N., Yoshida, K., Takashima, M., Yonezawa, S., Mizuno, Y., Nagata, N., Ogawa, K. Preparation of spherical $LiCoO_2$ powders by the ultrasonic spray decomposition and its application to cathode active material in lithium secondary battery 18324
Ogihara, T., Yanagawa, T., Yoshida, K., Mizuno, Y., Yonezawa, S., Takashima, M., Nagata, N., Ogawa, K. Preparation of $LiCoO_2$ fine powders by ultrasonic spray decomposition and its application to lithium secondary battery 48058
Ogihara, T. *see* Kawai, H. 18763
Ogihara, Y. *see* Yoshimi, M. 39680
Ogilvy, J.A. Model for predicting ultrasonic pulse-echo probability of detection 9834
Ogimoto, K., Masuda, T., Inabe, H., Komukai, T., Tsuruta, S., Momotake, T. A study of damping of power oscillations by superconducting magnetic energy storage (SMES) unit 16170
Ogimoto, K. *see* Chen, L. 16258
Ogino, K. *see* Sato, Y. 48071
Ogino, M. Projection-type display 46546
Ogino, T. *see* Hibino, H. 26427
Ogino, T. *see* Hibino, H. 41339
Ogino, T. *see* Prabhakaran, K. 42729
Ogino, T. *see* Prabhakaran, K. 42731
Ogino, Y., Murakami, Y., Ohishi, K., Nakaoka, M. High performance ultra-low speed control of inverter-fed linear induction motor using vector control scheme 8419
Ogino, Y., Ohishi, K., Murakami, Y., Nakaoka, M. Inverter-fed linear induction motor and its high performance control scheme in ultra-low speed range 40184
Ogino, Y. *see* Hamada, S. 8506
Oginskas, A. *see* Chesnys, A. 1860
Ogishi, H. *see* Taira, T. 3523
Ogishima, M. *see* Ebinuma, Y. 24952
Ogita, S., Kobayashi, H., Higashi, T., Okazaki, N., Aoki, O., Soda, H. High-efficiency InGaAs/InGaAsP compressively strained multiple-quantum-well laser diode 28859
Ogita, S. *see* Higashi, T. 12183
Ogitsu, T. *see* Akhmetov, A.A. 47533
Ogiwara, H., Hayakawa, M., Nakaoka, M. New multi-resonant induction heating high-frequency inverter with voltage-clamped zero current switching using newly developed bipolar mode static induction transistor 8994
Ogiwara, H. *see* Kaneda, K. 21522
Ogiwara, R. *see* Hasegawa, T. 26920
Ogiwara, R. *see* Hasegawa, T. 26952
Ogiwara, T. *see* Nakajima, K. 14772
Oglesby, A.P. *see* Hassan, M.H. 47128
Ognedal, R. *see* Flatabo, N. 24605
Ogoma, T., Kido, Y. Low-noise inverter, THYFREC-VT200SS 17039
Ogorevc, B. *see* Stangar, U.L. 17389
O'Gorman, J. *see* Chuang, S.L. 12118
O'Gorman, J. *see* Mitchell, N.F. 36024
Ogorzalek, M., Hasler, M., Boite, R. Chaos in digital recursive filters 13401
Ogorzalek, M.J. Taming chaos. I. Synchronization 29579
Ogorzalek, M.J., Galias, Z. Characterisation of chaos in Chua's oscillator in terms of unstable periodic orbits 1095
Ogorzalek, M.J. *see* Dabrowski, A.M. 26741
Ogoshi, K. *see* Iida, T. 20286
Ogoshi, M. *see* Watanabe, T. 25665
O'Grady, D.S., Bajuk, S.P., Smith, E.T. Self-aligned rim-type phase-shift mask fabrication by back-side exposure 2353
O'Grady, K. *see* Patel, V. 11498
Ogranovich, V.M. *see* Kukush, V.D. 31391
Ogrinsh, M. *see* Medvid, A. 28600
Oguchi, K. A multilevel-voltage source diode rectifier suitable for high-voltage, high-power applications 8620
Oguchi, K. Characteristics of a three-phase converter with 12-step input voltages 17085
Oguchi, K., Ikawa, E., Tsukiori, Y. A three-phase sine wave inverter system using multiple phase-shifted single-phase resonant inverters 47959
Oguchi, K., Ikeda, S., Nagata, M. Application of binaural hearing to scale-model testing 14842
Oguchi, K., Sunaga, Y. A voltage-source type three-phase converter with quasi 18-step input voltages 25538
Oguchi, K., Tsukamoto, H. Measurement of fluctuations in illuminance of natural and artificial light 46653
Oguchi, K. *see* Agu, M. 33155
Oguchi, K. *see* Takagi, Y. 45696
Oguchi, T., Hanawa, F., Takato, N., Tomita, N., Atobe, N. Arrayed hybrid filter/coupler device for in-service fibre line testing 5870
Oguma, M. *see* Kitagawa, T. 35477
Oguma, S. *see* Ishii, M. 47544
Ogumi, Z. *see* Ogawa, T. 17358
Ogumi, Z. *see* Yasuda, K. 48073
Ogunbona, P.O., McClure, B.D., Andrew, J.P. Walsh-Hadamard Transform (WHT) coding of subband imagery 36907
Ogunbona, P.O. *see* Andrew, J.P. 36908
Ogunfunmi, A.O. Performance comparisons of the forward-backward LMS adaptive filters and the split-path LMS adaptive filters for adaptive line enhancement 21902
Ogura, A. *see* Sugawara, M. 2264
Ogura, E. *see* Mizobuchi, Y. 11984
Ogura, H., Kitano, M., Takahashi, N., Kawanishi, T. Stochastic theory of localized waves in random media 12552
Ogura, H. *see* Miyagi, S. 13582
Ogura, H. *see* Takahashi, N. 13583
Ogura, I. *see* Beyzavi, K. 43644
Ogura, I. *see* Kajita, M. 43683
Ogura, I. *see* Kosaka, H. 43686
Ogura, I. *see* Nishio, M. 14360
Ogura, I. *see* Nishio, M. 30588
Ogura, I. *see* Numai, T. 12193
Ogura, K. *see* Sugawara, A. 1394
Ogura, K. *see* Takeuchi, T. 16011
Ogura, K. *see* Yano, J. 3166
Ogura, M. *see* Dods, S.R.A. 35878
Ogura, M. *see* Terakado, S. 42703
Ogura, M. *see* Terakado, S. 42714
Ogura, N. *see* Uwano, Y. 19187
Ogura, T. *see* Eda, K. 2712
Ogura, T. *see* Fujino, Y. 4863
Ogura, T. *see* Fujino, Y. 30343
Ogura, T. *see* Huot, J. 48070
Ogura, T. *see* Ito, K. 14345
Ogura, T. *see* Yoh, K. 27532
Ogura, Y., Sekihara, K. Relationship between dipole parameter estimation errors and measurement conditions in magnetoencephalography 31922
Ogura, Y. *see* Iwabuchi, Y. 27852
Oguri, H. *see* Miyazaki, K. 17043
Oguri, K. *see* Nakamura, Y. 18432
Oguri, T., Kimura, T. A new, 0.8 V logic swing, 1.6 V operational high speed BiCMOS circuit 10140
Oguri, T. *see* Suzuki, H. 11331
Oguri, Y., Okamura, M., Hattori, T., Takeda, O., Satoh, K. Non-linear beam dynamics in an RFQ under 3D space charge and image charge effects 31559
Oguri, Y. *see* Hattori, T. 31561
Oguri, Y. *see* Okamura, M. 31560
Oguri, Y. *see* Takeda, O. 15522
Oguro, S. *see* Imai, M. 6863
Ogushi, T. *see* Koba, S. 2870
Ogusu, K., Yamamoto, S. Nonlinear fiber Fabry-Perot resonator using thermo-optic effect 44078
Ogusu, K., Yoshimura, M., Komura, H. Observation of nonlinear waves in a graded-index planar waveguide with a Kerr-like nonlinear cover 21091
Ogusu, M., Shimomura, Y., Ohshima, S. A thermally stable Fabry-Perot tunable filter for 1 Å-spaced high-density WDM systems 37655
Oguz, N.C. *see* Ayanoglu, E. 30525
Oguz Soysal, A. A method for wide frequency range modeling of power transformers and rotating machines 32893
Oh, B. *see* Abbott, B. 7245
Oh, B.Y. *see* Bernstein, A. 31661
Oh, B.Y. *see* Wang, M.-Z. 31689
Oh, C. *see* Sharp, G. 20410
Oh, C.H., Chung, I.J., Kim, W.Y., Hwang, J.R., Lee, S.K., Kim, Y.S., Park, J.S., Han, M.K. The effects of light and electrical stress on asymmetric a-Si TFT 11228
Oh, C.H. *see* Chung, I.J. 11226
Oh, C.H. *see* Lee, S.K. 28151
Oh, C.H. *see* Lee, S.K. 34999
Oh, C.J., Park, C.S. An economic evaluation model for product design decisions under concurrent engineering 9205
Oh, D., Park, Y. Order reduction based on singular values of a modal matrix 41038
Oh, E. *see* Grillo, D.C. 28811
Oh, E.G. *see* Lu, Z.H. 2452
Oh, E.G. *see* Mao, E. 1888
Oh, J.S. *see* Cho, M.H. 6929
Oh, K.S., Schutt-Aine, J.E. Capacitance computations in a multilayered dielectric medium using closed-form spatial Green's functions 4192
Oh, K.T., Matzner, J.J. Performance of a general decoding technique over the class of randomly chosen parity check codes 44706
Oh, M.H. *see* Lee, Y.H. 35603
Oh, S. *see* El-Sharkawi, M.A. 16261
Oh, S.-Y., Chang, K.-J., Chang, N., Lee, K., Moll, J.L. Technological limitations in submicron on-chip interconnect 2216
Oh, T.K. *see* Park, B.W. 23710
Oh, Y. *see* Sarabandi, K. 46074
Oh Bong-Hwan *see* Bong-Hwan Oh
Oh Chang Hoon *see* Chang Hoon Oh
Oh Dae-Kon *see* Dae-Kon Oh
Oh Eui Yeal *see* Eui Yeal Oh
Oh Geok-Lian *see* Geok-Lian Oh
Oh Hae Seok *see* Hae Seok Oh
Oh Jae-Eung *see* Jae-Eung Oh
Oh Joon Kwon *see* Kwang Ho Kwon 2105
Oh Ki-Hong *see* Ki-Hong Oh
Oh Kwang-Ryong *see* Kwang-Ryong Oh
Oh Kye-Hwan *see* Kye-Hwan Oh
Oh Kyunghwan *see* Kyunghwan Oh
Oh Min-Cheol *see* Min-Cheol Oh
Oh Yong Sun *see* Yong Sun Oh
Oh Yong-Ho *see* Yong-Ho Oh
Oh Young Kwon *see* Sung Jin Song 26554
Oh Young Nam *see* Young Nam Oh
Oh-Gone Chun, Seung-Ho Ahn, Myung-Yung Jeong, Tae-Goo Choy A study on insertion loss improvement for an optical connector using the analysis of transmitted optical intensity 43414
Oh-hashi, H., Asao, H., Ishida, O. Broadband directional coupler using dielectric loaded slit 1446
Oh-Hashi, Y. *see* Sugimoto, T. 14699
Ohachi, T. *see* Asai, A. 19757
O'Hagan, S. *see* Missous, M. 41325
Ohala, J.J. Sound change as nature's speech perception experiment 4511
O'Hanlon, H. *see* Amendola, G. 15300
O'Hara, A., Hannah, J.R., Underwood, I., Vass, D.G., Holwill, R.J. Mirror quality and efficiency improvements of reflective spatial light modulators by the use of dielectric coatings and chemical-mechanical polishing 3185
O'Hara, A., Underwood, I., Vass, D.G. Planarisation of spatial light modulator silicon backplanes using chemical-mechanical polishing 43509
Ohara, A. *see* Kinugasa, N. 38341
Ohara, H., Hadano, Y., Ishimoto, R. Achievement of higher efficiency of thermal power generation and harmony with the Earth environment 25211
Ohara, H. *see* Kameyama, S. 1722
O'Hara, J. The development and evaluation of human factors guidelines for the review of advanced human-system interfaces 39753
O'Hara, J.P., Evans, H.E., Hayden, T.F. Developing new manufacturing processes: a case study and model 278
Ohara, M. *see* Kako, E. 15505
Ohara, M. *see* Mitsunobu, S. 6996
Ohara, M. *see* Tatezono, F. 2938
Ohara, S. *see* Ichinose, M. 20267
Ohara, Y. *see* Inoue, T. 38830
Ohara, Y. *see* Mizuno, M. 46699
Ohara, Y. *see* Tsuji, H. 28422
O'Hare, D. *see* Foord, J.S. 697
O'Hare, D. *see* Foord, J.S. 42782
Ohashi, A. *see* Miyamoto, S. 23929
Ohashi, H. *see* Akiyama, M. 47649
Ohashi, H. *see* Nishimura, E. 43974
Ohashi, K. *see* Hirai, M. 36125
Ohashi, M., Tateda, M. Design of strain-free-fiber with nonuniform dopant concentration for stimulated Brillouin scattering suppression 43409

Ohashi, M., Tateda, M., Shiraki, K., Tajima, K. Imperfection loss reduction in viscosity-matched optical fibers 2968
Ohashi, M., Yasuda, Y. Performance evaluation of a minimum bit error decoding algorithm of convolutional codes and its application 21520
Ohashi, M. *see* Tsubakiyama, H. 29457
Ohashi, M. *see* Tsubakiyama, H. 29458
Ohashi, M. *see* Tsujikawa, K. 35303
Ohashi, M. *see* Yoshida, H. 31358
Ohashi, T., Ooi, M. An adaptive processing technique for YC separation filters 6243
Ohashi, T. *see* Yamada, T. 25041
Ohashi, Y., Hirata, N., Nagata, T., Shinagawa, J., Fujiwara, Y. Measurement of the surge current in the EHV underground cable system and the cable lines connected directly to the overhead lines 39611
Ohashi, Y. *see* Grajew, G. 37613
Ohashi, Y. *see* Ishii, K. 27210
Ohashi, Y. *see* Makino, B.Y. 10565
Ohashi, Y. *see* Matsuda, R. 43558
Ohashi, Y. *see* Sakai, S. 26445
Ohata, K., Katsuta, G., Iwata, Z., Maruyama, Y., Sekii, Y., Kanaoka, M. Long-term characteristics of XLPE cables 39602
Ohata, K. *see* Nakahira, K. 30670
Ohata, T. *see* Itoh, S. 3664
Ohata, T. *see* Nakayama, N. 20768
O'Haver, K.W. *see* Frank, J. 44630
Ohba, A. *see* Shiomi, T. 41892
Ohba, H. *see* Mizushina, S. 7361
Ohba, K. *see* Shoji, T. 7303
Ohba, M. Study on three-dimensional characteristics of natural ventilation in half-enclosed buildings using video imaging techniques 5015
Ohba, S. *see* Higashiyama, Y. 37179
Ohba, T., Furumura, Y., Tsuchikawa, H. Mechanism of self-limiting growth and film characteristics of W and WSi_2 in Si reduction reaction of WF_6 2238
Ohbayashi, S. *see* Shiomi, T. 41892
Ohberg, A. *see* Ahokas, H. 16014
Ohdaira, M. *see* Kitamori, S. 29525
Ohe, Y., Ichimura, K. Positive-working photoresists sensitive to visible light. III. Poly(tetrahydropyranyl methacrylates) activated by dye-sensitized decomposition of diphenyliodonium salt 2926
Ohe, Y., Iwata, F., Ichimura, K. Positive-working photoresist containing tetrahydropyranyl groups as an acid-labile polymer for relief holograms 3898
Ohfuji, T., Nalamasu, O., Stone, D.R. Advanced dynamic process simulation for an excimer laser lithography 27945
Ohfuji, T., Timko, A.G., Nalamasu, O., Stone, D.R. Dissolution rate modeling of a chemically amplified positive resist 11066
Ohga, J. *see* Fujii, K. 29733
Ohga, J. *see* Fujii, K. 36592
Ohgaki, H., Sugiyama, S., Noguchi, T., Yamazaki, T., Mikado, T., Chiwaki, M., Yamada, K., Suzuki, R. CsI(Tl) yield monitor for quasi-monochromatic photons from Compton backscattering of laser light at ETL 7190
Ohgaki, H. *see* Kametani, H. 10764
Ohgaki, H. *see* Uedono, A. 19471
Ohgaki, H. *see* Yokoyama, M. 46720
Ohgaki, M. *see* Horie, M. 33730
Ohgane, T., Matsuzawa, N., Shimura, T., Mizuno, M., Sasaoka, H. BER performance of CMA adaptive array for high-speed GMSK mobile communication—a description of measurements in central Tokyo 22841
Ohgane, T., Shimura, T., Matsuzawa, N., Sasaoka, H. An implementation of a CMA adaptive array for high speed GMSK transmission in mobile communications 5775
Ohgawara, M. *see* Katayama, A. 25572
Ohguchi, A. *see* Yamana, K. 14903
Ohhara, T. *see* Ebihara, D. 48368
Ohhara, T. *see* Ebihara, D. 48489
Ohhara, T. *see* Nakamura, K. 23319
Ohhata, K., Homma, N., Kanetani, K., Nambu, H., Yamaguchi, K. Diode decoder circuits for ultrahigh-speed memory 1238
Ohhata, K., Sakurai, Y., Nambu, H., Kanetani, K., Idei, Y., Hiramoto, T., Tamba, N., Yamaguchi, K., Odaka, M., Watanabe, K., Ikeda, T., Homma, N. Noise reduction techniques for an ECL-CMOS RAM with a 2 ns write cycle time 10171
Ohhata, K., Sakurai, Y., Nambu, H., Kanetani, K., Idei, Y., Hiramoto, T., Tamba, N., Yamaguchi, K., Odaka, M., Watanabe, K., Ikeda, T., Homma, N. Noise reduction techniques for a 64-kb ECL-CMOS SRAM with a 2-ns cycle time 18731
Ohhata, M. *see* Yamabayashi, Y. 6066
Ohhayashi, M. *see* Tamba, N. 34046
Ohi, M. *see* Nakata, T. 1663
Ohi, S. Development of TFT-LCD and its application to note book size PCs 46561
Ohigashi, N. *see* Asakawa, M. 3695
Ohigashi, N. *see* Asakawa, M. 43691
Ohigashi, N. *see* Asakawa, M. 43965
O'Higgins, P. *see* Gough, J.J. 47074
Ohira, F., Yamauchi, N., Tomimuro, H. Application of mechaphotonics technology for optical communication 14607
Ohira, H., Suzuki, R., Yamada, Y., Murakami, T. Super high definition image handling system 31151
Ohira, H. *see* Kato, Y. 30085
Ohira, S. Broadcasters seek conversion to digital systems; camera makers respond 38266
Ohira, T. Higher-order analysis on phase noise generation in varactor-tuned oscillators—baseband noise upconversion in GaAs MESFET oscillators 27318
Ohira, T. *see* Suwaki, H. 19146
Ohishi, H., Takagi, Y., Kimura, M., Mizushina, S., Harada, Y., Sugiura, T. Automatic generation of fuzzy inference rules for optimal rate settings in multisensor cardiac pacemakers 7479
Ohishi, I. *see* Tanaka, K. 11321
Ohishi, K. *see* Hattori, T. 34710
Ohishi, K. *see* Nakano, H. 36415
Ohishi, K. *see* Ogino, Y. 8419
Ohishi, K. *see* Ogino, Y. 40184
Ohishi, K. *see* Ohki, Y. 35164
Ohishi, M. *see* Haga, T. 707
Ohishi, M. *see* Ida, M. 7122
Ohishi, Y., Kanamori, T., Terunuma, Y., Shimizu, M., Yamada, M., Sudo, S. Investigation of efficient pump scheme for Pr^{3+}-doped fluoride fiber amplifiers 43798
Ohishi, Y., Minowa, M., Fukuda, E., Takano, T. Cartesian feedback amplifier with soft landing 33913
Ohishi, Y. *see* Ebihara, D. 39107
Ohishi, Y. *see* Matsumoto, H. 19831
Ohishi, Y. *see* Nishida, Y. 28798
Ohishi, Y. *see* Shimizu, M. 28788
Ohishi, Y. *see* Tomita, N. 45995
Ohishi, Y. *see* Yamada, M. 12065
Ohishi, Y. *see* Yamada, M. 12075
Ohishi, Y. *see* Yamada, M. 35757
Ohji, N. *see* Kanki, T. 28370
Ohji, Y., Uedono, A., Wei, L., Tabuki, Y., Tanigawa, S. Characterization of metal-oxide-silicon interface by monoenergetic positron beam 10766
Ohji, Y. *see* Kitsukawa, G. 26921
Ohk Chin Yong *see* Yong Ohk Chin
Ohkama, H. *see* Sanada, H. 19728
Ohkawa, H. *see* Matsubara, M. 20256
Ohkawa, K., Mitsuyu, T. Blue semiconductor laser 3679
Ohkawa, K. *see* Karasawa, T. 12229
Ohkawa, K. *see* Tsujimura, A. 12230
Ohkawa, K. *see* Tsujimura, A. 35830
Ohkawa, K. *see* Yoshii, S. 12231
Ohkawa, M. *see* Sato, T. 3676
Ohkawa, M. *see* Shioiri, T. 11332
Ohkawa, M. *see* Tsuzuku, A. 22982
Ohkawa, N., Hayashi, Y. Reduction of bit error rate performance deterioration caused by stimulated Brillouin scattering in high-power CPFSK coherent optical transmission systems 46016
Ohkawa, N. *see* Hayashi, Y. 22995
Ohkawa, N. *see* Hayashi, Y. 30813
Ohkawa, S. *see* Shirakabe, Y. 23972
Ohkawa, Y. *see* Shimizu, H. 37674
Ohke, S., Umeda, T., Cho, Y., Li, Y.F., Iizuke, K., Lit, J.W.Y. Equivalent-layer method for optical waveguides with a multiple-quantum-well structure: comment 12690
Ohki, H., Hasegawa, K., Suzuki, J.-y., Mori, H., Nishima, O., Wataya, Y., Mori, H., Machisima, E., Yamashita, M., Uchimura, K., Ezoe, K., Ikezawa, T. A 1/4-inch 250 k pixel IT-CCD image sensor 15075
Ohki, K. *see* Abe, T. 42579
Ohki, M., Shiosaki, T. Nonlinear phenomena caused by periodic electric charge distribution in piezoelectric resonator 12333
Ohki, M. *see* Hakamata, K. 12604
Ohki, M. *see* Hashiguchi, S. 19883
Ohki, M. *see* Wang, P.Y. 12514
Ohki, N. *see* Sasaki, K. 26924
Ohki, N. *see* Sasaki, K. 34048
Ohki, S., Matsuda, T., Yoshihara, H. X-ray mask pattern accuracy improvement by superimposing multiple exposures using different field sizes 27859
Ohki, S. *see* Itoh, I. 6382
Ohki, S. *see* Uchiyama, S. 27874
Ohki, T., Inoue, T., Hashimoto, F., Yoshida, T. Dynamic characteristics of molten carbonate fuel cell power plant 8247
Ohki, T. *see* Yuri, T. 43285
Ohki, Y., Ohishi, K., Takeda, T., Tanaka, Y. Conduction current in polyether-ether-ketone 35164
Ohkubo, K., Arimoto, Y., Fumoto, T., Yamasaki, H. Magnetic properties and domain structure of high B_s Co-based amorphous films 43277
Ohkubo, K., Katsuragi, S., Morihiro, M., Fujita, Y. Database structure of INMOS-V0 14017
Ohkubo, K., Ohno, Y., Nakagawa, Y. Calibration of 254-nm irradiance based on the silicon photodiode self-calibration technique 3339
Ohkubo, K., Ohtsubo, J. Evaluation of LCTV as a spatial light modulator 3216
Ohkubo, K. *see* Arimoto, Y. 20130
Ohkubo, M., Namiki, S., Ijichi, T., Iketani, A., Kikuta, T. 0.98 μm InGaAs-InGaAsP-InGaP GRIN-SCH SL-SQW lasers for coupling high optical power into single-mode fiber 12185
Ohkubo, M. *see* Ijichi, T. 28857
Ohkubo, N. *see* Suzuki, M. 26785
Ohkubo, N. *see* Suzuki, M. 26916
Ohkubo, S., Okada, M., Murahata, M., Ide, T., Iwanaga, T. Improvement in jitter characteristics in mark edge recording for phase change media 20255
Ohkubo, S. *see* Miyagaki, S. 9582
Ohkubo, T., Yanagisawa, K., Kaneko, R., Kishigami, J. Magnetic force microscopy for high-density point magnetic recording 11495
Ohkubo, Y., Ohmae, M., Ishikawa, K. Fixed pattern noise from charge transfer loss in CCD imager 6579
Ohkuma, H. *see* Hashimoto, Y. 23960
Ohkuma, J., Okuda, S., Honda, Y., Kimura, N., Okada, T. Performance of a bunch width control system for coherent radiation with a high-current linear accelerator 31580
Ohkuma, J. *see* Okuda, S. 46716
Ohkura, K., Mukai, H., Hikata, T., Ueyama, M., Kato, T., Fujikami, J., Sato, K. High-T_c(Bi, Pb)$_2Sr_2Ca_2Cu_3O_{10}$ superconducting magnet operated using 20 K Gifford-McMahon-type refrigerator 20219
Ohkura, K., Sugiyama, M., Sagayama, S. Speaker adaptation based on transfer vector field smoothing method with continuous mixture density HMMs 29551
Ohkura, K. *see* Miyazawa, Y. 44787
Ohkura, K. *see* Sagayama, S. 14081
Ohkura, K. *see* Ueyama, M. 35295
Ohkura, Y. *see* Nishimura, T. 3633
Ohkura, Y. *see* Patil, M.B. 42980
Ohlckers, P., Avset, B.S., Bjorneklett, A., Evensen, L., Gakkestad, J., Hanneborg, A., Hansen, T., Kjensmo, A., Kristiansen, E., Kristiansen, H., von der Lippe, H., Nese, M., Nygard, E., Serck-Hanssen, F., Sorasen, O. Industrial microelectronics towards the year 2000—a report on objectives and results of a research collaboration at the center for industrial research and the university of Oslo 11278
Ohlen, C. *see* Andersson, F. 7818
Ohley, W. *see* Fortin, C. 31907
Ohley, W.J. *see* Daly, P.M. 31906
Ohley, W.J. *(editor)* Proceedings of the Eighteenth IEEE Annual Northeast Bioengineering Conference (Cat. No.92CH3238-3) 17677
Ohm, J.-R. Advanced packet-video coding based on layered VQ and SBC techniques 4815
Ohmae, M. *see* Ohkubo, Y. 6579
Ohmi, K., Hirata, K., Oide, K. From the beam-envelope matrix to synchrotron-radiation integrals 46782
Ohmi, K. *see* Nakamura, K. 42578
Ohmi, M. *see* Naito, K. 35735
Ohmi, T. Technology for high-power devices 1990
Ohmi, T. Super cleaning technology and its impact on electronics engineering and science 2198
Ohmi, T., Nakagawa, Y., Aomi, H., Takano, J. New technique for the measurement of adsorbed moisture concentration on a solid surface 6866
Ohmi, T. *see* Aomi, H. 34748
Ohmi, T. *see* Aoyama, S. 34713
Ohmi, T. *see* Hirose, K. 19693
Ohmi, T. *see* Ino, K. 42691
Ohmi, T. *see* Itano, M. 10922
Ohmi, T. *see* Iwamoto, T. 42801
Ohmi, T. *see* Kikuyama, H. 42699
Ohmi, T. *see* Kogure, M. 2164
Ohmi, T. *see* Kunimoto, F. 34746
Ohmi, T. *see* Maeda, Y. 33732
Ohmi, T. *see* Matsuura, T. 2186
Ohmi, T. *see* Morita, M. 42686
Ohmi, T. *see* Nakamura, K. 42578
Ohmi, T. *see* Shibata, T. 33964
Ohmi, T. *see* Shimada, H. 11025
Ohmi, T. *see* Shimomura, S. 11019
Ohmi, T. *see* Suzuki, H. 42759
Ohmi, T. *see* Takano, J. 34719
Ohmi, T. *see* Yamashita, T. 34199
Ohmi, T. *see* Higashi, G.S. *(editor)* 33190
Ohmine, H. *see* Sunahara, Y. 21234
Ohmiyama, T. *see* Noguchi, Y. 27161
Ohmori, K. *see* Haga, T. 707
Ohmori, K. *see* Kawai, Y. 37660
Ohmori, K. *see* Tsuji, H. 28422
Ohmori, M. *see* Yamaguchi, M. 8757
Ohmori, S., Isobe, S., Takeuchi, M., Naito, H. Advanced mobile satellite communications using COMETS satellite in MM-wave and Ka-band 37949
Ohmori, S. *see* Morikawa, E. 14535
Ohmori, S. *see* Tamba, N. 34046
Ohmori, S. *see* Tsuji, H. 28422
Ohmori, T., Ikuno, H., Nishimoto, M. Construction of electromagnetic scattered fields from smooth dielectric cylindrical objects with relative-refractive-index less than 1 by using the extended ray theory 44288
Ohmori, T. *see* Ikuno, H. 21203
Ohmori, T. *see* Ikuno, H. 44287
Ohmori, T. *see* Kubo, M. 20269
Ohmori, Y. Passive and active silica waveguides on silicon 28497

Ohmori, Y., Fujii, A., Uchida, M., Morishima, C., Yoshino, K. Fabrication and optical characteristics of an organic multi-layer structure utilizing 8-hydroxyquinoline aluminium/aromatic diamine and its application for an electroluminescent diode 3345

Ohmori, Y., Fujii, A., Uchida, M., Morishima, C., Yoshino, K. Fabrication and optical characteristics of organic multiple quantum wells utilizing 8-hydroxyquinoline aluminum/aromatic diamine and its application for electroluminescent diode 43646

Ohmori, Y., Morishima, C., Fujii, A., Yoshino, K. Observation of anomalous current-voltage characteristics in organic multilayer-structure diode 20550

Ohmori, Y., Uchida, M., Morishima, C., Fujii, A., Yoshino, K. Enhancement of emission efficiency in electroluminescent diode utilizing vapor-deposited poly(alkylfluorene) 11872

Ohmori, Y., Uchida, M., Morishima, C., Fujii, A., Yoshino, K. Novel characteristics of electroluminescent diodes utilizing poly(3-alkylthiophene)s and organic molecules 35599

Ohmori, Y. *see* Fukatsu, S. 41363

Ohmori, Y. *see* Hibino, Y. 3113

Ohmori, Y. *see* Iskandar, M.A. 24773

Ohmori, Y. *see* Miyashita, I. 16857

Ohmori, Y. *see* Onoda, M. 3343

Ohmori, Y. *see* Sugita, A. 3143

Ohmori, Y. *see* Takiguchi, K. 35475

Ohmori, Y. *see* Takiguchi, K. 38079

Ohmori, Y. *see* Tsuji, H. 28422

Ohmoto, R., Ohtsuka, H. Performance of FM double modulation for subcarrier optical transmission 14658

Ohmoto, R., Ohtsuka, H., Ichikawa, H. Fiber-optic microcell radio systems with a spectrum delivery scheme 5771

Ohmoto, R. *see* Aikawa, S. 14701

Ohmoto, T. *see* Ohsugi, T. 46838

Ohmoto, T. *see* Ohsugi, T. 46839

Ohmukai, M., Okuda, M. Characterization of $InAs_xP_{1-x}$ crystals grown by a solution growth method 638

Ohmura, M. *see* Yamamoto, K. 38866

Ohnaka, K. *see* Ban, Y. 3678

Ohnakado, T. *see* Kawakami, Y. 26451

Ohnawa, T. *see* Gofuku, E. 19247

Ohnishi, H. *see* Hanaoka, K. 9700

Ohnishi, K. *see* Eda, K. 14500

Ohnishi, K. *see* Murakami, T. 40384

Ohnishi, K. *see* Sabanovic, A. 8645

Ohnishi, K. *see* Sabanovic-Behlilovic, N. 16950

Ohnishi, K. *see* Takahashi, Y. 19472

Ohnishi, K. *see* Tsunoi, R. 38294

Ohnishi, K. *see* Yuki, K. 25378

Ohnishi, M. *see* Nishiwaki, H. 17385

Ohnishi, N. Growth techniques for single-crystal fibers of nonlinear optical materials 35324

Ohnishi, N. *see* Sagawa, Y. 36628

Ohnishi, O., Kishie, H., Iwamoto, A., Sasaki, Y., Zaitsu, T., Inoue, T. Piezoelectric ceramic transformer operating in thickness extensional vibration mode for power supply 9940

Ohnishi, O., Myohga, O., Uchikawa, T., Tamegai, M., Inoue, T., Takahashi, S. Piezoelectric ultrasonic motor using longitudinal-torsional composite resonance vibration 25484

Ohnishi, R., Kawabe, S. Digital technology updating picture image processing 4797

Ohnishi, S. *see* Fujimoto, T. 16293

Ohnishi, S. *see* Hasegawa, T. 7789

Ohnishi, S. *see* Yamazaki, O. 42761

Ohnishi, T., Minamoto, Y. Active filter with L-C components for rating reduction by instantaneous line power control 16947

Ohnishi, T. *see* Fukatsu, S. 41363

Ohnishi, T. *see* Matsuo, H. 23072

Ohnishi, T. *see* Minamoto, Y. 8627

Ohnishi, T. *see* Okamoto, S. 1669

Ohnishi, T. *see* Okamoto, S. 7954

Ohnishi, T. *see* Rojas, R. 8622

Ohnishi, T. *see* Ueda, Y. 43204

Ohnishi, T. *see* Wada, H. 22554

Ohnishi, T. *see* Yamauchi, H. 26918

Ohnishi, T. *see* Yamauchi, H. 26951

Ohnishi, Y., Maruoka, A. Constructing pseudo-random permutations 21519

Ohnishi, Y. *see* Ebara, M. 38257

Ohnishi, Y. *see* Suga, I. 8630

Ohno, E., Yoshinouchi, A., Hosoda, T., Itoh, M., Morita, T., Tsuchimoto, S. Fabrication of self-aligned aluminum gate polysilicon thin-film transistors using low-temperature crystallization process [Driver circuits] 42927

Ohno, E. *see* Miyagawa, N. 20268

Ohno, I. *see* Numata, H. 40455

Ohno, J. *see* Hiruta, Y. 43135

Ohno, M. *see* Ishida, M. 40153

Ohno, M. *see* Sakamoto, K. 27870

Ohno, N. *see* Narikiyo, T. 25466

Ohno, N. *see* Yoshioka, K. 5998

Ohno, S., Hirose, K., Fujisaki, H. Utterance normalization using vowel features for the recognition of spoken words by multiple speakers 29563

Ohno, S., Kusuda, Y., Komaba, N., Kuroda, Y., Yamashita, K., Tanaka, S. Integrated self-scanning light-emitting device (SLED) 35590

Ohno, T., Matsumoto, S., Izumi, K. An intelligent power IC with double buried-oxide layers formed by SIMOX technology 18485

Ohno, T. *see* Nakamura, K. 34108

Ohno, T. *see* Suzuki, M. 14758

Ohno, T. *see* Uchino, K. 20270

Ohno, Y. Present stage of development of an HF ocean radar at the Communications Research Laboratory and results of experiments 24490

Ohno, Y., Cromer, C.L., Hardis, J.E., Eppeldauer, G. The detector-based candela scale and related photometric calibration procedures at NIST 46276

Ohno, Y., Kimura, H., Sonoda, K., Satoh, S., Sayama, H., Hara, S., Takai, M., Miyoshi, H. Soft-error study of DRAMs using nuclear microprobe 34080

Ohno, Y., Tsuchiya, M., Sakaki, H. A novel quantum effect FET with resonantly modulated transfer characteristics 19914

Ohno, Y. *see* Ohkubo, K. 3339

Ohno, Y. *see* Sayama, H. 10164

Ohno, Y. *see* Sayama, H. 26941

Ohnuki, S., Yamasaki, T., Hinata, T. Transient backward and forward scattering of electromagnetic waves by a conducting rectangular cylinder with an open side-wall. The case of a half sine pulse incident on the open side and the closed side 21201

Ohnuma, H. Satellite data communication system by all-Japan truck association 22978

Ohnuma, S., Fujimori, H., Yano, N., Furukawa, S., Fujii, S., Masumoto, T. Soft magnetic multilayers for micromagnetic devices 2859

Ohnuma, S. *see* Huang, Y. 46752

Ohnuma, S. *see* Shi, J. 38788

Ohnuma, S. *see* Watanabe, K. 35221

Ohnuma, S. *see* Xiu, L. 15409

Ohnuma, S. *see* Yamaguchi, K. 1668

Ohokubo, K. *see* Mochinaga, Y. 17538

Ohori, T., Kikkawa, T., Suzuki, M., Takasaki, K., Komeno, J. Fabrication of HEMT-on-Si by MOVPE for LSI applications 2583

Ohori, T. *see* Joshin, K. 19918

Ohrimenko, A. *see* Svechnikov, G. 28492

Ohrt, M.P.A. *see* Gill, G.S. 26103

Ohrui, T. *see* Noguchi, K. 30288

Ohsaki, H., Henneberger, G. Numerical calculation of electromagnetic linear stirrers in the mold of steel continuous casting 12536

Ohsaki, Y., Ihara, T., Kozu, T. Error analysis of rain echo power of spaceborne radar measurements 47273

Ohsawa, A. *see* Aoki, M. 2014

Ohsawa, A. *see* Nakanishi, T. 1966

Ohsawa, H., Kojima, N., Hirata, K., Matono, T., Asano, T. Projection TV 23317

Ohsawa, J., Hashimoto, N., Migitaka, M. Carrier-lifetime-limited fast photoconductive photodetectors on iron-diffused GaAs 6485

Ohsawa, M., Watanabe, T., Yoshida, T., Ozeki, K., Asano, T. Color reproduction in PTV 38256

Ohsawa, M. *see* Sanyo, Y. 41702

Ohsawa, N. *see* Takahashi, K. 31927

Ohsawa, S. *see* Enomoto, A. 15297

Ohsawa, S. *see* Hanaki, H. 15436

Ohsawa, S. *see* Sasaki, M. 38563

Ohsawa, S. *see* Sato, I. 15299

Ohsawa, T., Kachi, S., Morikami, M., Masumoto, H., Furuya, Y. Satellite mesh network 'COMNUS'—proposal of protocol architecture and development of experimental system 14533

Ohsawa, T. *see* Taniguchi, T. 34554

Ohsawa, Y., Emura, S., Arai, K. Optimal operation of photovoltaic/diesel power generation system by neural network 16722

Ohsawa, Y. *see* Kanemitsu, T. 32267

Ohsawa, Y. *see* Okamoto, H. 25288

Ohsawaw, M. *see* Glenn, W.E. 6231

Ohse, S. *see* Nakahara, H. 31838

Ohse, S. *see* Okuno, S. 31839

Ohshima, H. *see* Miyasaka, M. 42913

Ohshima, I. *see* Endo, F. 11191

Ohshima, I. *see* Inui, A. 2706

Ohshima, I. *see* Inui, A. 35155

Ohshima, I. *see* Kamikawaji, T. 32956

Ohshima, I. *see* Shioiri, T. 11332

Ohshima, I. *see* Smeets, R.P.P. 40364

Ohshima, I. *see* Suzuki, K. 25568

Ohshima, K. *see* Itoi, S. 6223

Ohshima, K. *see* Itoi, S. 31054

Ohshima, K. *see* Koyashiki, T. 17322

Ohshima, K. *see* Kubota, T. 33163

Ohshima, K. *see* Sutoh, I. 17615

Ohshima, K. *see* Yamane, S. 9040

Ohshima, S. *see* Ikegami, T. 6298

Ohshima, S. *see* Ogusu, M. 37655

Ohshima, S. *see* Okuyama, K. 2871

Ohshima, T. *see* Tanaka, M. 31640

Ohshita, A. *see* Hata, K. 42378

Ohshita, E. *see* Kasuya, K. 20631

Ohshita, H. *see* Takizawa, F. 8977

Ohshita, M. InSb films for magnetic sensors 46348

Ohshita, Y., Hosoi, N. In situ optical investigation of the etching process in the silicon HCl system 2113

Ohsima, T. *see* Mizuno, T. 43981

Ohska, T.K., Sasaki, O., Murakami, T., Doi, M., Seino, M. A low temperature coefficient optomodulator for analog signal transmission 22998

Ohska, T.K. *see* Nomachi, M. 38922

Ohska, T.K. *see* Sasaki, O. 15660

Ohsmann, M. Fast cosine transform of Toeplitz matrices, algorithm and applications 13179

Ohsugi, T., Iwata, Y., Ohyama, H., Ohmoto, T., Okada, M., Tamura, N., Hatakenaka, T., Unno, Y., Kohriki, T., Hinode, F., Ujiie, N., Miyata, H., Miyano, K., Aso, T., Daigo, M., Murakami, A., Kobayashi, S., Takashima, R., Higuchi, M., Yamamoto, K., Yamamura, K., Muramatsu, M., Seiden, A., Sadrozinski, H., Grillo, A., Cartiglia, N., Barberis, E. Double-sided microstrip sensor for the barrel of the SDC silicon tracker 46838

Ohsugi, T., Iwata, Y., Ohyama, H., Ohmoto, T., Okada, M., Yoshikawa, M., Tamura, N., Hatakenaka, T., Unno, Y., Kohriki, T., Ujiie, N., Miyata, H., Aso, T., Takashima, R., Murakami, A., Kobayashi, S., Yamamoto, K., Yamamura, K., Muramatsu, M. Microdischarges of AC-coupled silicon strip sensors 46839

Ohsugi, T. *see* Barberis, E. 46846

Ohsugi, T. *see* Tamura, N. 46889

Ohsumi, H. *see* Choi, E. 7148

Ohsumi, K. *see* Horii, K. 5925

Ohsumi, S. *see* Fukushima, T. 6502

Ohta, A. *see* Hoshihara, N. 48256

Ohta, A. *see* Okada, K. 30666

Ohta, E. *see* Kitamura, T. 29523

Ohta, H., Matsuzaka, T., Saitou, N., Kawasaki, K., Kohno, T., Hoga, M. Stitching error analysis in an electron beam lithography system: column vibration effect 27877

Ohta, H. *see* Ban, Y. 3678

Ohta, H. *see* Hashimoto, C.M. 19869

Ohta, H. *see* Hoshino, K. 2895

Ohta, H. *see* Matsuzaka, T. 27872

Ohta, H. *see* Mizokami, T. 38232

Ohta, H. *see* Ohuchi, S. 26261

Ohta, I., Higashio, M. A novel parallel running system of four oscillators coupled through an eight-port hybrid 1521

Ohta, I., Kawai, T. Generalized rat-race circuit with an arbitrary power-split ratio 42218

Ohta, I. *see* Yodo, S. 3284

Ohta, J. *see* Funatsu, E. 31235

Ohta, J. *see* Toyoda, T. 15196

Ohta, K., Matsui, M. Message authentication codes and differential attack 36568

Ohta, K., Tomomatsu, T., Takahashi, O., Hayakawa, M. Propagation characteristics of very low latitude whistlers by ray tracing 29186

Ohta, K. *see* Fujioka, A. 12954

Ohta, K. *see* Hayakawa, M. 39391

Ohta, K. *see* Matsuda, H. 48338

Ohta, K. *see* Matsumoto, Y. 45689

Ohta, K. *see* Morita, H. 12979

Ohta, K. *see* Morita, H. 36569

Ohta, K. *see* Nakayama, J. 20431

Ohta, K. *see* Okada, F. 20742

Ohta, M. Analysis of common-channel signaling network congestion in the presence of considering various kinds of delay 5288

Ohta, M. A mathematical model for evaluation of overload traffic in communication networks 30188

Ohta, M., Ikuta, A. A signal processing for generalized regression analysis with less information loss based on the observed data with an amplitude limitation 21802

Ohta, M., Nogaki, S. Hybrid picture coding with wavelet transform and overlapped motion-compensated interframe prediction coding 45251

Ohta, M., Nogaki, S., Tamitani, I. An overlapped block motion compensation for HDTV coding 31024

Ohta, M. *see* Hasegawa, T. 26920

Ohta, M. *see* Hasegawa, T. 26952

Ohta, M. *see* Jokanovic, D. 30553

Ohta, M. *see* Nakasako, N. 21801

Ohta, M. *see* Okumoto, Y. 17636

Ohta, M. *see* Otobe, Y. 14794

Ohta, M. *see* Sato, M. 15160

Ohta, M. *see* Yokayama, Y. 29933

Ohta, N. Color reproduction in photography 4862

Ohta, N. Fiber-optic radio-signal transmission technology 5762

Ohta, N. Structure from motion with confidence measure and its application for moving object detection 13590

Ohta, N. Future generation magneto-optical media from a manufacturing point of view 20415

Ohta, N. *see* Harata, Y. 33136

Ohta, N. *see* Hu, X. 20152

Ohta, N. *see* Kirino, F. 28351

Ohta, N. *see* Kirino, F. 41492

Ohta, N. *see* Kirino, F. 43299

Ohta, N. *see* Ono, S. 37553

Ohta, N. *see* Tamura, R. 20257

Ohta, N. *see* Yoshihiro, M. 20432

Ohta, R. *see* Nomoto, T. 31319

Ohta, S., Fujii, N. Management information and its optimal allocation for ATM networks with a protection mechanism 45435

Ohta, S. *see* Okada, Y. 772

Ohta, S. *see* Okada, Y. 42476

Ohta, S. *see* Tsuchida, H. 14318
Ohta, T., Inoue, K., Ishida, T., Gotoh, Y., Satoh, I. Thin injection-molded substrate for high density recording phase-change rewritable optical disk 20251
Ohta, T., Kumar, R., Hoga, H., Yamashita, Y. Fabrication of SiN membranes and its application to X-ray masks for SOR lithography 34860
Ohta, T. *see* Arakawa, T. 27860
Ohta, T. *see* Inoue, K. 20253
Ohta, T. *see* Ito, T. 19569
Ohta, T. *see* Kaizuka, T. 42762
Ohta, T. *see* Katagiri, T. 2218
Ohta, T. *see* Kondoh, E. 9522
Ohta, T. *see* Murakami, F. 3714
Ohta, T. *see* Nakai, T. 31903
Ohta, T. *see* Narumi, K. 20601
Ohta, T. *see* Shibata, K. 21482
Ohta, T. *see* Takami, K. 30291
Ohta, T. *see* Takeyasu, N. 42758
Ohta, T. *see* Yoshida, K. 5878
Ohta, Y., Tsukada, M., Hayashi, Y. Recovery of illuminant and surface colors from multiple color images 30130
Ohta, Y. *see* Ebiike, Y. 25902
Ohta, Y. *see* Fukuhara, M. 35243
Ohta, Y. *see* Futagi, T. 3355
Ohta, Y. *see* Mimura, H. 20559
Ohta, Y. *see* Naoi, S. 4945
Ohta, Y. *see* Tagawa, K. 1248
Ohta, Y. *see* Yamashita, Y. 21690
Ohtaka, S. *see* Yoshida, I. 19077
Ohtake, K., Gobaru, K., Araya, K., Tatefuku, T., Panwar, R. Plasma inhomogeneity and arcing instability 25714
Ohtake, T. *see* Gotoh, Y. 19292
Ohtaki, Y. *see* Toraichi, K. 15701
Ohtaki, Y. *see* Toraichi, K. 15871
Ohtani, F. *see* Fujii, Y. 9605
Ohtani, K., Tachikawa, A., Goto, J., Maeyama, G. Metal halide lamps and indoor installation lighting 48458
Ohtani, K. *see* Miyajima, T. 32826
Ohtani, M. *see* Nagata, H. 27885
Ohtani, M. *see* Oizumi, H. 27855
Ohtani, N., Mokler, S.M., Joyce, B.A. Simulation studies of Ge surface segregation during gas source MBE growth of $Si/Si_{1-x}Ge_x$ heterostructures 689
Ohtani, N., Sanada, H., Nagai, N., Suzuki, M., Miki, N. Circuit theoretical study on the lifetime of the resonant state 34875
Ohtani, N. *see* Joyce, B.A. 33615
Ohtani, N. *see* Sanada, H. 19728
Ohtani, N. *see* Sanada, H. 42466
Ohtani, R. *see* Kitamura, T. 291
Ohtani, S. *see* Tanabe, T. 7062
Ohtani, T. *see* Masuda, S. 4006
Ohtani, Y., Hatakeyama, I. Smart magnetic thin film 43261
Ohteru, S. *see* Shin, D. 5432
Ohtomi, K. *see* Kameyama, K. 23815
Ohtomo, A., Ida, J., Yonekawa, K., Kai, K., Aikawa, I., Kita, A., Nishi, K. Dopant redistribution effect on post-junction silicide scheme shallow junction and a proposal of novel self-aligned silicide scheme 42914
Ohtomo, M. Stability analysis and numerical simulation of multidevice amplifiers 19035
Ohtomo, M. Invariance of S_{21}/S_{12} and K-factor under parallel operation of linear two-port devices 33851
Ohtomo, M. *see* Saito, Y. 19894
Ohtsu, K. *see* Itoh, S. 6688
Ohtsu, M. *see* Kourogi, M. 3660
Ohtsu, M. *see* Kourogi, M. 35499
Ohtsu, M. *see* Kourogi, M. 43535
Ohtsu, M. *see* Nakagawa, K. 3554
Ohtsu, M. *see* Nakagawa, K. 35955
Ohtsu, M. *see* Pangaribuan, T. 11610
Ohtsu, S., Saito, T., Kaitsuka, T., Mizuno, H. Universal frequency converters for the satellite communications earth stations 30669
Ohtsu, S. *see* Ueda, M. 11408
Ohtsu, S. *see* Yamamoto, K. 8643
Ohtsubo, H., Kawamura, Y., Kubota, A. Development of the object-oriented finite element modeling system—MODIFY 33571
Ohtsubo, H., Nishizawa, A., Kinugasa, T., Noda, M., Masuda, M. A 0.8 μm CMOS digital signal processor for a video camera 14823
Ohtsubo, J. *see* Ohkubo, K. 3216
Ohtsubo, J. *see* Yun Liu 43954
Ohtsubo, M. *see* Nishikata, A. 4164
Ohtsuka, A. *see* Saito, Y. 27002
Ohtsuka, H., Kuwahara, K., Onodera, T. Multiple shifter arrays for repairing phase defects in conjugate twin-shifter phase shift mask 2354
Ohtsuka, H., Kuwahara, K., Onodera, T. Diagonal phase errors affecting optical intensity in phase defect repair elements 27851
Ohtsuka, H., Kuwahara, K., Onodera, T. Evaluation of repair phase and size tolerance for a phase-shift mask 27936
Ohtsuka, H. *see* Morita, K. 14508
Ohtsuka, H. *see* Ohmoto, R. 5771
Ohtsuka, H. *see* Ohmoto, R. 14658
Ohtsuka, H. *see* Onodera, T. 34859
Ohtsuka, K., Sugimoto, H., Isu, T., Matsui, T. Role of carbon and hydrogen in reactive ion etching of InP by gas mixture of ethane and hydrogen 10886
Ohtsuka, K. *see* Imaizumi, M. 11873
Ohtsuka, K. *see* Imaizumi, M. 20892
Ohtsuka, K. *see* Imaizumi, M. 41368
Ohtsuka, K. *see* Mishida, M. 13504
Ohtsuka, K. *see* Tomomitsu, H. 21682
Ohtsuka, M., Shimomura, T. Influence of optical rotary power on optical voltage sensor using BGO crystal 31196
Ohtsuka, M. *see* Chiba, I. 29369
Ohtsuka, N. *see* Imamiya, K. 18733
Ohtsuka, S. *see* Oshida, K. 19311
Ohtsuka, S. *see* Tsunetomo, K. 33580
Ohtsuka, T., Kurosawa, N., Kunieda, H. The improvement in performance-driven analog LSI layout system LIBRA 19954
Ohtsuka, U. *see* Watanabe, T. 33135
Ohtsuka, Y. *see* Shikakura, A. 6222
Ohtsuki, F. *see* Yamashita, K. 14011
Ohtsuki, J. *see* Takeuchi, S. 16741
Ohtsuki, T., Nakamura, A., Itemadani, E. Manufacturing capability evaluation manual 26157
Ohtsuki, T. *see* Awashima, T. 26592
Ohtsuki, T. *see* Kubota, K. 41593
Ohtsuki, T. *see* Mahmoud, I.I. 943
Ohtsuki, T. *see* Seto, I. 6085
Ohtsuki, T. *see* Togawa, N. 26790
Ohtsuki, T. *see* Yoshimoto, M. 27598
Ohtsuki, Y., Fuda, Y., Yoshida, T. High-sensitivity accelerometer using multilayer piezoelectric ceramics 23510
Ohtuki, T. *see* Mizuno, T. 43981
Ohtusuka, Y. *see* Kakishita, M. 8899
Ohuchi, C. *see* Oshida, K. 19311
Ohuchi, C. *see* Oshima, T. 22955
Ohuchi, C. *see* Tsuzuku, A. 22982
Ohuchi, C. *see* Tsuzuku, A. 29314
Ohuchi, K. *see* Nakajima, K. 10056
Ohuchi, M., Lee, H.-J., Komaki, S., Morinaga, N. Proposal for modulation level controlled radio system applied to ATM networks 13856
Ohuchi, S., Kanagawa, A., Ohta, H. A simple design procedure for multi-stage life tests 26261
Ohuchi, S. *see* Adachi, M. 19973
Ohuchi, T. *see* Tsuji, H. 28422
Ohuchi, Y. *see* Inoue, T. 1346
Ohuchi, Y. *see* Qinyun Pan 26730
Ohue, H. *see* Mito, K. 12004
Ohwaki, J. *see* Wang, Y. 11828
Ohya, A., Amada, H., Hattori, K., Itoh, K., Akiyama, I. Three-dimensional display method for ultrasonic echo image— stereoscopic echography for display of superimposed image of cross section and projection 32127
Ohya, A., Kashioka, J., Nakajima, M. A method of estimating the irregularity of scattering medium using characteristics of ultrasonic speckle 24217
Ohya, J., Sato, H., Mitsuda, M., Fuse, M., Tohjoh, M., Souda, H., Kurata, N. Erbium-doped fiber amplifier and integrated optical passive module 3568
Ohya, J. *see* Kajiwara, S. 30546
Ohya, J. *see* Sato, Y. 13592
Ohya, J. *see* Yamato, J. 29459
Ohya, K. *see* Isagawa, S. 10619
Ohya, K. *see* Sano, M. 20106
Ohya, M., Mizu, M. An information-theoretical approach and its application to optimal problems 41109
Ohya, M. *see* Noda, S. 12119
Ohyabu, Y. Bulk feeding technology for small, rectangular chip components 9244
Ohyama, H., Vanhellemont, J., Poortmans, J., Caymax, M., Clauws, P. Lattice defects induced in $Si_{1-x}Ge_x$ diodes by 1-MeV electron irradiation and their influence on electrical characteristics 19698
Ohyama, H. *see* Ohsugi, T. 46838
Ohyama, H. *see* Ohsugi, T. 46839
Ohyama, M. *see* Katsumata, M. 30355
Ohyama, N. *see* Takahashi, S. 36045
Ohyama, N. *see* Yamaguchi, M. 29031
Ohyama, N. *see* Yamaguchi, M. 36048
Ohyu, K. *see* Tamura, M. 1911
Ohzawa, K., Toyoshige, S., Taya, H., Suzuki, I., Yoshinuma, M. Development of compact fusion splicer for 4-fiber ribbon and single fiber 11594
Ohzeki, H. *see* Yamaguchi, M. 35245
Ohzeki, K. Adaptive KL transform coding and its design method 45130
Ohzeki, K. *see* Naemura, M. 6255
Ohzone, T., Iwata, H., Uraoka, Y., Odanaka, S. A two-dimensional analysis of hot-carrier photoemission from LOCOS- and trench-isolated MOSFETs 19878
Ohzone, T., Iwata, H., Uraoka, Y., Odanaka, S. Photon-energy distribution of hot-carrier photoemission from LOCOS and trench-isolated MOSFETs 42982
Ohzu, H. *see* Inoue, S. 12120
Ohzuku, T. *see* Sawai, K. 40403
Oi Ming *see* Ming Oi
Oide, K. *see* Ohmi, K. 46782
Oide, K. *see* Urakawa, J. *(editor)* 17680
Oie, Y., Sasakil, Y., Hiyahara, H. RookNet: a switching network for high speed communication 45642
Oien, G.E., Lepsoy, S., Ramstad, T.A. Reducing the complexity of a fractal-based image coder 22193
Oigawa, H. *see* Sugiyama, M. 10911
Oikawa, A., Santoh, N., Miyata, S., Hatakenaka, Y., Tanaka, H., Nakagawa, K. Effect of using a resin coating on KrF chemically amplified positive resists 11053
Oikawa, H., Nishino, M., Yamamori, K., Makino, S. A new design for program controlled voice switching circuits using a microprocessor 37644
Oikawa, H. *see* Nalwa, H.S. 26391
Oikawa, H. *see* Sakamoto, A. 22686
Oikawa, R. *see* Kanno, T. 31272
Oikawa, S., Kayukawa, N., Sugiyama, H., Aoki, Y., Enoto, T. Turbulence suppression and effective generalized OHM's law for partially ionized plasmas with temperature gradients [in MHD generators] 25783
Oikawa, S. *see* Kayukawa, N. 25782
Oikawa, S. *see* Nishimura, R. 25766
Oikawa, Y. *see* Matsumura, T. 1508
Oikonomou, K.N. System reliability calculations based on incomplete information 17977
Oishi, A., Oka, A., Kawano, T., Ono, Y., Uomi, K., Tsuchiya, T., Komori, M., Takai, A. Low-threshold (1.8 mA) and high-efficiency (0.39 W/A) 1.3-μm strained quantum well 10-element laser arrays for high-throughput optical interconnections 38123
Oishi, A. *see* Kato, T. 3053
Oishi, I. *see* Moride, H. 13949
Oishi, K., Fukumoto, M., Kubota, H. A stable algorithm for block adaptive filtering 29659
Oishi, K. *see* Katsurashima, W. 5995
Oishi, K. *see* Sato, K. 18734
Oishi, M. *see* Kumazawa, T. 43217
Oishi, M. *see* Suzuki, F. 38398
Oishi, N. *see* Ueda, A. 16763
Oishi, S. *see* Tanaka, H.-A. 26671
Oishi, T. *see* Kawajiri, K. 23583
Oishi, T. *see* Sakai, K. 11499
Oishi, Y. *see* Watada, M. 39108
Oita, M., Nitta, Y., Tai, S., Kyuma, K. Optical associative memory using optoelectronic neurochips for image processing 35320
Oizumi, H., Maejima, Y., Watanabe, T., Taguchi, T., Yamashita, Y., Atoda, N., Murakami, K., Ohtani, M., Nagata, H. Sub-0.1 μm resist patterning in soft X-ray (13 nm) projection lithography 27855
Oizumi, H. *see* Nagata, H. 27885
Oizumi, H. *see* Scheckler, E.W. 27862
Oizumi, H. *see* Tanaka, T. 19692
Oizumi, T., Yamada, H., Nakayama, Y., Takeuchi, H. Characteristics and application engineering for wire-cut electrical discharge machines 25961
Oizumi, T. *see* Kimura, S. 7393
Ojala, M. The pros and cons of using DIALMAIL and Data-Mail 22482
Ojala, P., Pettersson, C., Stoltz, B., Morner, A.-C., Janson, M., Sahlen, O. Low residual-reflectance, low-chirp integrated Franz-Keldysh modulator and DFB laser 35488
Ojala, P.K., Kaski, K.K. Analytically extracted ZTC point for GaAs MESFET 11248
Ojard, E.J. *see* Higgins, W.E. 15776
Ojeda, J.M. *see* Kubiak, J.A. 32530
Ojeda-Castaneda, J. *see* Gomez, C.M. 44155
Ojeda-Castaneda, J. *see* Lohmann, A.W. 12441
Ojemann, G.A. *see* Tsai, M.-L. 7421
Ojemann, G.A. *see* Tsai, M.-L. 7422
Ojha, A.K. Robustness of quadrature sampled complementary codes 46057
Ojha, J.J., Simmons, J.G., Mand, R.S., SpringThorpe, A.J. Optoelectronic integration of a GaAs/AlGaAs bistable field effect transistor (BISFET) and LED 43685
Ojha, S. *see* Yeo, T.E. 12483
Ojha, S.P., Choudhury, P.K., Khastgir, P. The effect of transverse bending on the dispersion curves of multi-layered metal-load waveguides 3135
Ojha, S.P. *see* Choudhury, P.K. 36324
Ojima, K., Kajiyama, T., Takizawa, K. New step-equipped escalator for electric wheelchairs 33114
Ojima, M. New materials and devices for optical recording 28429
Ojima, M. *see* Maeda, T. 20424
Ojima, M. *see* Miyamoto, H. 20434
Ojima, M. *see* Yoshihiro, M. 20432
Ojo, O. Limit-cycle and small-signal dynamics of self-excited synchronous reluctance generator 47861
Ojo, O., Bhat, I. Dynamic analysis of LLCC parallel resonant converter under pulse-width modulation control 32904
Ojo, O.A. *see* de Haan, G. 22043
Ok Hwan Byeon, Yong Ohk Chin The unary feedback over-reporting avoidance scheme for the event report management on the OSI network management system 5572
Ok Jin Jeong, Tai Yun Kim A compression technique for the EDI message 29428
Ok Park Heung *see* Heung Ok Park
Ok Yoon Sang *see* Sang Ok Yoon
Oka, A. *see* Oishi, A. 38123

Oka, H. An experimental study of the flux control characteristics of a magnetic fluid controlled by a parallel or orthogonal magnetic field 2861
Oka, I. *see* Xuping Zhou 45750
Oka, K. *see* Higuchi, T. 20167
Oka, K. *see* Kusumoto, K. 27020
Oka, K. *see* Kusumoto, K. 38252
Oka, M. *see* Liu, L.Y. 28793
Oka, M. *see* Shimizu, H. 30554
Oka, S. *see* Ishida, Y. 14603
Oka, S. *see* Kobayashi, S. 23773
Oka, S. *see* Mori, K. 23337
Oka, S. *see* Onishi, K. 31039
Oka, T. *see* Fuyuki, T. 42912
Oka, Y. *see* Ando, A. 38832
Okabayashi, H. Stress-induced void formation in metallization for integrated circuits 19655
Okabayashi, H. *see* Saito, S. 9668
Okabe, C. *see* Liu, F.T. 19255
Okabe, H., Matsushige, K. Ultrasonic correlation analysis in quefrency domain for structural imaging 898
Okabe, M. *see* Hara, K. 31683
Okabe, M. *see* Yasuoka, K. 24018
Okabe, S. *see* Zaima, E. 25570
Okabe, S. *see* Zaima, E. 48015
Okabe, T., Nagasawa, N., Kawahara, K., Okada, S., Tanahashi, N., Ishii, T. Development of CD-graphics decoder 14828
Okabe, T. *see* Iskandar, M.A. 24773
Okabe, T. *see* Yoshida, I. 19077
Okabe, Y. *see* Matsubara, G. 2888
Okada, A. *see* Grajew, G. 37613
Okada, C., Kobayashi, H., Takahashi, I., Ryuta, J., Shingyouji, T. Growth of native oxide and accumulation of organic matter on bare Si wafer in air 2100
Okada, E. *see* Minami, K. 15826
Okada, F., Togawa, S., Ohta, K., Koda, S. Solid-state ultraviolet tunable laser: a Ce^{3+} doped $LiYF_4$ crystal 20742
Okada, G. *see* Kobayashi, K. 850
Okada, H., Ninomiya, N., Murashiro, K., Onnagawa, H., Miyashita, K. Influence of spontaneous polarization and polyimide surface treatment on layer tilt angle in SSFLC cells 11700
Okada, H. *see* Itoh, R. 39542
Okada, H. *see* Iwase, Y. 48105
Okada, H. *see* Tode, H. 14356
Okada, H. *see* Tode, H. 37178
Okada, I. *see* Matsumura, K. 27154
Okada, K., Kawai, M. Multiple-Feedback-Loop synchronization control scheme for SS-TDMA 30676
Okada, K., Kawai, M., Ohta, A., Mizuno, H. High-speed TDMA system for the multibeam satellite communications system 30666
Okada, K., Kobayashi, I. Fiber-optic subscriber systems using point-to-multipoint transmission 30843
Okada, K. *see* Iwase, N. 7788
Okada, K. *see* Kurosawa, K. 29487
Okada, K. *see* Matsuura, N. 45660
Okada, K. *see* Motoyama, Y. 30667
Okada, K. *see* Nakamura, S. 32356
Okada, K. *see* Niwa, M. 42576
Okada, K. *see* Tanahashi, T. 40575
Okada, K. *see* Tanaka, T. 11099
Okada, K. *see* Yamada, H. 38108
Okada, M. Recent trend in optical disk recording for video file applications 31040
Okada, M., Omura, Y., Matsumoto, H. Computer experiments on electromagnetic disturbance produced by a spacecraft in a fast plasma flow 4140
Okada, M., Toku, H., Yamamoto, Y., Yoshikawa, K. Characteristics of Hall accelerator for helium-ion beam extraction 15575
Okada, M. *see* Fukushima, K. 45071
Okada, M. *see* Hara, S. 14257
Okada, M. *see* Hasegawa, M. 35510
Okada, M. *see* Ide, T. 43379
Okada, M. *see* Ishibai, Y. 12493
Okada, M. *see* Kukuchi, S. 43258
Okada, M. *see* Ohkubo, S. 20255
Okada, M. *see* Ohsugi, T. 46838
Okada, M. *see* Ohsugi, T. 46839
Okada, M. *see* Shibuki, M. 14819
Okada, M. *see* Takahashi, N. 11456
Okada, M. *see* Tamura, N. 46889
Okada, M. *see* Tatsuki, T. 43268
Okada, N., Ishikawa, K., Murakami, K., Nomura, T., Hagino, M. Improving hysteresis of piezoelectric PZT actuator 2739
Okada, N. *see* Ishikawa, K. 35137
Okada, N. *see* Itagaki, M. 8934
Okada, N. *see* Kutsuwada, N. 15188
Okada, N. *see* Matsuoka, R. 6012
Okada, N. *see* Shoji, M. 7121
Okada, O. *see* Hasegawa, M. 35510
Okada, R. *see* Koyashiki, T. 17322
Okada, R. *see* Shigeta, M. 33110
Okada, R. *see* Sutoh, I. 17615
Okada, S. *see* Kaneko, H. 23995
Okada, S. *see* Kaneko, H. 46832
Okada, S. *see* Nalwa, H.S. 26391
Okada, S. *see* Okabe, T. 14828
Okada, S. *see* Okawa, K. 19199
Okada, T. Color TFT LCD forms core of B5, notebook color digital oscilloscope 38588
Okada, T., Aikawa, S. Design of an all-digital multilevel modulator and its application to variable-capacity transmission 5717
Okada, T., Hayashida, H., Yamaji, Y., Watanabe, S., Sudo, T., Hitosugi, M. RISC-based multichip modules for workstation—performance comparison among types of MCMs 346
Okada, T., Miyauchi, K., Hangai, S. A PSK transmission system employing transmitting and receiving Butterworth filters with optimized noise performance 44657
Okada, T., Narita, S., Nishii, O., Hiratsuka, N., Hayashi, N., Asai, M., Fujiwara, S., Satoh, M., Nishimoto, J., Aoki, H., Uchiyama, K., Matsuo, S., Takewa, H., Yamada, K., Kainaga, M., Nakagawa, N., Yamagami, M., Takeda, H., Funabashi, T. A PA-RISC microprocessor PA/50L for low-cost systems 41914
Okada, T. *see* Dynna, M. 33656
Okada, T. *see* Funayama, M. 3521
Okada, T. *see* Furuta, T. 40654
Okada, T. *see* Hirakawa, Y. 35978
Okada, T. *see* Matsuki, J. 7786
Okada, T. *see* Matsuki, J. 8337
Okada, T. *see* Matsuki, J. 40118
Okada, T. *see* Muto, S. 44127
Okada, T. *see* Nitta, T. 17413
Okada, T. *see* Ohkuma, J. 31580
Okada, T. *see* Okuda, S. 46716
Okada, T. *see* Sakuma, H. 10587
Okada, T. *see* Sasaki, K. 11949
Okada, T. *see* Sato, K. 18734
Okada, T. *see* Sugiura, O. 44270
Okada, T.K., Kambayashi, S., Yabuki, M., Tsunashima, Y., Mikata, Y., Onga, S. A new thin film growth/regrowth process design and experimental comparisons with molecular dynamic analyses 18237
Okada, Y. An analysis of different area from shadow mask using morphological operations 45108
Okada, Y., Ohta, S., Fujita, T., Kawabe, M. GaAs/AlGaAs quantum wells grown by low-temperature molecular beam epitaxy with atomic hydrogen irradiation 42476
Okada, Y., Ohta, S., Shimomura, H., Kawabata, A., Kawabe, M. High-quality GaAs films on Si substrates grown by atomic hydrogen-assisted molecular beam epitaxy for solar cell applications 772
Okada, Y., Takahashi, K., Tsubota, M. New valve-regulated lead-acid batteries with granulated silica as electrolyte retainer for EV application 48234
Okada, Y., Tobin, P.J., Rushbrook, P., DeHart, W.L. The performance and reliability of 0.4 micron MOSFET's with gate oxynitrides grown by rapid thermal processing using mixtures of N_2O and O_2 42936
Okada, Y., Yagi, T. Derivation of a practical alternating torque equation of single-phase induction motor in consideration of iron loss 25438
Okada, Y. *see* Chun, Y.J. 660
Okada, Y. *see* Shimada, Y. 9248
Okada, Y. *see* Sugaya, T. 18143
Okada, Y. *see* Tanaka, S. 27006
Okada, Y. *see* Tobin, P.J. 34761
Okada, Y. *see* Tsuji, H. 15603
Okada, Y. *see* Tsuji, H. 46824
Okafuji, K. *see* Yamashita, K. 24663
Okagaki, T. *see* Lau, M. 45216
Okagawa, S. *see* Hara, M. 5996
Okahata, Y. *see* Geddes, N.J. 23738
Okahisa, T. *see* Okumura, H. 41367
Okai, M. Spectral characteristics of distributed feedback semiconductor lasers and their improvements by corrugation-pitch-modulated structure 20900
Okai, M., Suzuki, M., Taniwatari, T. Strained multiquantum-well corrugation-pitch-modulated distributed feedback laser with ultranarrow (3.6 kHz) spectral linewidth 3611
Okajima, K. *see* Tanaka, S. 31154
Okajima, M. *see* Hatakoshi, G. 20867
Okajima, M. *see* Itaya, K. 12200
Okajima, M. *see* Rennie, J. 12174
Okajima, M. *see* Suzuki, M. 18181
Okajima, M. *see* Suzuki, M. 41318
Okajima, M. *see* Watanabe, M. 3627
Okajima, Y. *see* Aono, H. 6665
Okamine, S. *see* Kirino, F. 43299
Okamoto, A. *see* Takayama, Y. 36013
Okamoto, A. *see* Toyoshima, H. 655
Okamoto, E. Radiation sensors 15615
Okamoto, H., Nakamura, M., Hatanaka, Y., Yamazaki, S., Noguchi, T., Arai, T. A consumer digital VCR for advanced television 6250
Okamoto, H., Ohsawa, Y., Seo, K., Arai, K. Basic studies on application of superconducting magnetic energy storage to wind electric conversion system 25288
Okamoto, H., Sugiura, Y., Harada, S., Morimoto, Y., Watanabe, K. Presentation system using high definition still picture system 46227
Okamoto, H., Yokoyama, A., Sekine, Y. Stabilizing control method of variable impedance power systems and its application to variable series capacitor 7795
Okamoto, H., Yokoyama, A., Sekine, Y. Stabilizing control of variable impedance power systems: applications to variable series capacitor systems 24821
Okamoto, H., Yonezawa, Y. Automatic measurement system for crater wear depth of a throwaway chip by the optical cut method 23463
Okamoto, H. *see* Hamakawa, Y. 10677
Okamoto, H. *see* Hamakawa, Y. 25689
Okamoto, H. *see* Jibiki, M. 14075
Okamoto, H. *see* Kakita, Y. 4561
Okamoto, H. *see* Noda, A. 7469
Okamoto, H. *see* Shirai, T. 15305
Okamoto, H. *see* Wen-Hao Cheng 23977
Okamoto, K., Hananoki, R., Sakiyama, K. InGaAs epilayers of high In composition grown on GaAs substrates by molecular beam epitaxy 26446
Okamoto, K., Hibino, Y., Ishii, M. Guided-wave optical equalizer with α-power chirped grating 22994
Okamoto, K. *see* Eguchi, K. 17360
Okamoto, K. *see* Miyazaki, S. 870
Okamoto, K. *see* Takiguchi, K. 35475
Okamoto, K. *see* Takiguchi, K. 38079
Okamoto, K. *see* Wakami, T. 38529
Okamoto, K. *see* Yamaguchi, K. 3366
Okamoto, K. *see* Yamaguchi, K. 9614
Okamoto, M. *see* Fuma, M. 14853
Okamoto, M. *see* Kasaya, K. 11893
Okamoto, M. *see* Mitsuhara, M. 41333
Okamoto, M. *see* Sakakihara, M. 34087
Okamoto, M. *see* Ueda, K. 26998
Okamoto, N. *see* Fujii, T. 692
Okamoto, N. *see* Fujii, T. 2475
Okamoto, N. *see* Goto, T. 20629
Okamoto, N. *see* Izawa, K. 3859
Okamoto, N. *see* Meng, X.J. 3826
Okamoto, N. *see* Noguchi, Y. 27161
Okamoto, N. *see* Sugihara, O. 20997
Okamoto, S., Ohnishi, T., Tanaka, T., Ueda, Y. Development of highly radiation-resistant cables 7954
Okamoto, S., Ohnishi, T., Ueda, Y., Tanaka, T., Fujio, N. Effect of radiation on the flexing property of cables 1669
Okamoto, S. *see* Hishikawa, Y. 33057
Okamoto, S. *see* Isomura, M. 40463
Okamoto, S. *see* Sato, K.-I. 37600
Okamoto, S. *see* Ueda, Y. 43204
Okamoto, T. An extension of zero-knowledge proofs and its applications 12888
Okamoto, T. Provably secure and practical identification schemes and corresponding signature schemes 21527
Okamoto, T., Fujioka, A., Fujisaki, E. An efficient digital signature scheme based on an elliptic curve over the ring Z_n 21528
Okamoto, T. *see* Fujioka, A. 12954
Okamoto, T. *see* Hou, Y. 26904
Okamoto, T. *see* Isagawa, S. 10619
Okamoto, T. *see* Maruyama, Y. 1285
Okamoto, T. *see* Menezes, A.J. 36455
Okamoto, T. *see* Michinishi, H. 10113
Okamoto, T. *see* Murakami, S. 2090
Okamoto, T. *see* Park, C. 37754
Okamoto, T. *see* Sato, N. 45490
Okamoto, T. *see* Sugano, M. 30460
Okamoto, T. *see* Tanaka, T. 24946
Okamoto, T. *see* Yukawa, A. 14916
Okamoto, Y., Osawa, H., Takigawa, K., Ono, K. Performance improvement in digital magnetic recording by write and read equalization 2814
Okamoto, Y., Osawa, H., Takigawa, K., Ono, K. Pseudo-ternary recording system of 3B-2T code 20160
Okamoto, Y., Osawa, H., Takigawa, K., Ono, K. A study on partial response system in digital magnetic recording 21858
Okamoto, Y., Shiraishi, K., Osawa, H. Performance improvement of M^2 code for digital magnetic recording by controlling transition point 20161
Okamoto, Y. *see* Kido, J. 35569
Okamoto, Y. *see* Lan, H.L. 23733
Okamoto, Y. *see* Osawa, H. 20162
Okamoto, Y. *see* Osawa, H. 20290
Okamoto, Y. *see* Shimomura, S. 9619
Okamoto, Y. *see* Watanabe, T. 44110
Okamototo, T. *see* Michinishi, H. 41871
Okamura, H. All-optical wavelength converter based on Er-doped laser cavity and intracavity LD amplifier 35926
Okamura, H., Hoshino, Y., Ihtsuka, H. Portable voice communication equipment for satellite transmission 30664
Okamura, H., Sakai, H., Sakamoto, N., Uesaka, T., Ishida, S., Otsu, H., Wakasa, T., Hatanaka, K., Kubo, T., Inabe, N., Ikegami, K., Fujita, J., Kase, M., Goto, A., Yano, Y. Development of the RIKEN polarized ion source 31623
Okamura, H. *see* Sasaki, N. 6198
Okamura, K. *see* Endo, F. 11191
Okamura, K. *see* Fukushima, S. 33159
Okamura, M. Standardization in Japan in connection with CISPR Publication 11 44454
Okamura, M., Kimura, K., Shirai, S., Yamauchi, N. A light-transmitting two-dimensional photodetector array using a-Si pin photodiodes

and poly-Si TFT's integrated on a transparent substrate 43676
Okamura, M., Oguri, Y., Takahashi, Y., Hattori, T., Takeda, O., Satoh, K., Miura, T., Tanabe, Y., Tokuda, N. Optimization of RFQ vane parameters using a non-linear beam dynamics code 31560
Okamura, M. *see* Hattori, T. 31561
Okamura, M. *see* Oguri, Y. 31559
Okamura, M. *see* Takeda, O. 15522
Okamura, S. *see* Isomura, K. 25174
Okamura, T., Harada, N., Kurosu, K., Nakamichi, K., Kabashima, S., Shioda, S. Current distribution in MHD disk generators 25825
Okamura, T., Kabashima, S., Shioda, S., Sumiyoshi, Y., Douzono, Y., Ikeda, S., Ishimura, M. Preliminary study on next test facility for closed cycle MHD power generation (FUJI-2). III. Superconducting magnet 25355
Okamura, T. *see* Harada, N. 25358
Okamura, T. *see* Harada, N. 25827
Okamura, T. *see* Ikeda, S. 25354
Okamura, T. *see* Suekane, T. 8782
Okamura, T. *see* Terada, M. 20252
Okamura, T. *see* Yoshikawa, K. 25353
Okamura, Y. Development of simulation method for protection coordination analysis on network distribution system with dispersed-generators 16308
Okamura, Y., Genji, T. Protection of bulk regular network system with dispersed-generators 16430
Okamura, Y. *see* Himeno, T. 16301
Okandan, M. *see* Gu, T. 42973
Okane, I. *see* Fukumoto, M. 33009
O'Kane, M., Kenne, P. On the feasibility of using application-specific speech to derive a general-purpose speech recogniser training database 13008
O'Kane, M., Kenne, P., White, O. Determination of training set size for a statistically-based word-spotter 4580
O'Kane, M. *see* Kenne, P. 13001
Okaniwa, K. *see* Ishikawa, T. 34248
Okano, F. *see* Nojiri, Y. 46228
Okano, H., Tanaka, N., Shibata, K., Nakano, H. GHz-band surface acoustic wave devices using aluminium nitride thin films deposited by electron cyclotron resonance dual ion-beam sputtering 11443
Okano, H., Tanaka, N., Takahashi, Y., Tanaka, T., Shibata, K., Nakano, S. Preparation of aluminum nitride thin films by reactive sputtering and their applications to GHz-band surface acoustic wave devices 18280
Okano, H. *see* Koyanagi, M. 1224
Okano, H. *see* Wada, J. 34854
Okano, K., Kaminouchi, S. A new ceramic emitter applicable to a cleanroom 21182
Okano, K., Kiyota, H., Kurosu, T., Iida, M. Doping of diamond 42651
Okano, K. *see* Higashino, T. 45352
Okano, K. *see* Iwasaki, T. 42555
Okano, K. *see* Kiyota, H. 1875
Okano, M. *see* Takayama, R. 6598
Okano, M. *see* Tamada, N. 15249
Okano, T. *see* Yamashita, H. 32439
Okano, Y., Mori, S., Miyamoto, S., Yamamoto, H. μR1000 series of universal intelligent recorders 23774
Okano, Y. *see* Matoba, T. 18897
Okanoue, Y. *see* Hasegawa, S. 38065
Okanoue, Y. *see* Sakauchi, H. 13952
Okanoue, Y. *see* Sakauchi, H. 14619
Okawa, K., Yoshioka, M., Nishioka, Y., Morita, E., Okada, S. Testing method of dielectric of aluminum based printed wiring boards by partial discharge detector 19199
Okawa, K. *see* Ishihara, Y. 30222
Okay, N.C. *see* Saadatmand, K. 46815
Okaya, H. *see* Iyoda, M. 12303
Okayama, H., Kawahara, M. Low-crosstalk 2×2 digital optical switch 43486
Okayama, H., Kawahara, M. 8×8 Ti:$LiNbO_3$ waveguide digital optical switch matrix 45732
Okayama, H. *see* Xu, C.Q. 3782
Okayama, H. *see* Xu, C.Q. 36004
Okayama, J. *see* Tsuji, H. 28422
Okayama, S. A study on electrostatic quadrupole lenses and their application technologies 21183
Okayama, T. Intelligent two wire transmitters with direct digital conversion of difference between resistance ratios 14948
Okayasu, M. *see* Ikeda, M. 5677
Okazaki, H. *see* Hibino, Y. 3113
Okazaki, H. *see* Imaizumi, T. 1840
Okazaki, H. *see* Ishiwa, N. 13950
Okazaki, H. *see* Przybilla, K.J. 11052
Okazaki, H. *see* Roschert, H. 11047
Okazaki, H. *see* Sakauchi, H. 14619
Okazaki, H. *see* Yamaguchi, M. 8757
Okazaki, H. *see* Yoshida, M. 22321
Okazaki, I., Hasegawa, T. Spread spectrum pulse position modulation—a simple approach for Shannon's limit 5722
Okazaki, K., Okumura, Y., Kokumai, M. Statistical behavior of arching at the transition of micro-arcs to big arcs [in MHD generators] 25713
Okazaki, M., Inaba, T. Fault-locating method using harmonic components of the arc-voltage waveform 16482
Okazaki, M. *see* Sekiguchi, T. 16461
Okazaki, M. *see* Yabe, T. 3916
Okazaki, N., Noguchi, S., Takahashi, K., Shiratori, N. Generation of efficient test sequences from LOTOS specifications 5236
Okazaki, N. *see* Higashi, T. 12183
Okazaki, N. *see* Odagawa, T. 12136
Okazaki, N. *see* Odagawa, T. 12153
Okazaki, N. *see* Ogita, S. 28859
Okazaki, S. *see* Fukuda, H. 27843
Okazaki, S. *see* Moniwa, A. 27848
Okazaki, S. *see* Yamagishi, T. 30980
Okazaki, S. *see* Yoshimura, T. 27881
Okazaki, T., Seki, T., Usui, Y., Yagi, K., Hirai, S., Shiono, T., Takeshita, F., Matsuura, H. Curing characterization of UV curable resin for optical fiber using GC-MS 20312
Okazaki, T. *see* Otsuka, T. 40358
Okazaki, Y. *see* Ichinose, M. 20267
Oke, B.J. *see* Bowler, R.A. 47154
O'Keefe, C.M. A comparison of key distribution patterns constructed from circle geometries 21576
O'Keefe, S.S. *see* Chen, Y.-P. 18182
Okello, N.N. *see* Thomopoulos, S.C.A. 6109
Okello, N.N. *see* Thomopoulos, S.C.A. 30866
O'Key, M.A., Osborne, M.R. Multikilohertz stimulated Brillouin scattering 44136
O'Key, M.A. *see* Gabzdyl, J. 28726
Okhapkin, V.S. *see* Aulchenko, V.M. 7220
Okhotnikov, O.G., Ribeiro, A.B.L., Salcedo, J.R. All-fiber traveling-wave laser with nonreciprocal ring configuration 3551
Okhrimchuk, A.G., Shestakov, A.V. Performance of YAG:Cr^{4+} laser crystal 43760
Okhrimenko, O.V. *see* Aksinenko, V.D. 7265
Okhuysen, W.P. *see* Cook, R.L. 25805
Oki, A.K. *see* Kobayashi, K.W. 1592
Oki, A.K. *see* Kobayashi, K.W. 2890
Oki, A.K. *see* Kobayashi, K.W. 10501
Oki, A.K. *see* Kobayashi, K.W. 19119
Oki, K. *see* Kuwano, N. 26444
Okiga, H. *see* Nagao, M. 25919
Okimoto, K. *see* Yasuhara, T. 14926
Okimura, H., Miyamoto, Y., Kaida, S. Preparation of InSb thin films by vacuum evaporation and application for magnetoresistance devices 41426
Okimura, K. *see* Kuribayashi, K. 7477
Okimura, T. *see* Takahashi, Y. 23300
Okinaga, T. *see* Sato, K. 33409
Okino, H. Pick and placer Point 333 40914
Okino, K. *see* Aruga, S. 44176
Okita, T. *see* Shigematsu, M. 30754
Okita, Y. *see* Fujimaki, H. 35064
Okitsu, K. *see* Uchara, K. 2431
Okiyama, T. *see* Kinoshita, S. 30757
Okkalides, D.P., Raptou, P.D. Quantification of image persistence in a digital angiography system 15777
Oklobdzija, V.G. An implementation algorithm and design of a novel leading zero detector circuit 18700
Oklobdzija, V.G. An algorithmic and novel design of a leading zero detector circuit: comparison with logic synthesis 41865
Oklobdzija, V.G., Villeger, D. Multiplier design utilizing improved column compression tree and optimized final adder in CMOS technology 18623
Oklobdzija, V.G., Villeger, D., Soulas, T. Considerations for design of a complex multiplier 26794
Oklobdzija, V.G. *see* Villeger, D. 10062
Oklobzija, V.G. New ECL gate in BiFET process 10063
Okolica, C., Stewart, C.M. Voice mail and academics: creating a virtual office 30361
Okoniewski, M. Vector wave equation 2-D-FDTD method for guided wave problems 4213
Okoniewski, M. Field matching analysis of complex waveguides with anisotropic materials 44517
Okoniewski, M. *see* Nyka, K. 26107
Okonov, D.E., Kiselyov, B.S., Novoselov, B.A. Optoelectronic holographic associative memory based on photothermoplastic 11564
Okoro, C.C. A qualitative investigation of flux pulsations in a DC machine with input current ripple 8447
Okoshi, T. Future trend in broadcasting and its digital technology 6174
Okoshi, T. *see* Chao-Xiang Shi 35321
Okoshi, T. *see* Yamashita, S. 43768
Okrent, D. *see* Apostolakis, G. 39772
Okrent, D. *see* Chhibber, S. 32623
Oksanen, J.A.I., Helenius, V.M., Korppi-Tommola, J.E.I. A femtosecond autocorrelator with internal calibration 3734
Oksanen, L. *see* Griffioen, W. 3002
Oksanen, M.I. *see* Koivisto, P.K. 4230
Oksanen, M.I. *see* Lindell, I.V. 4082
Oksanen, M.I. *see* Tretyakov, S.A. 4242
Oksasoglu, A. *see* Vavriv, D.M. 41621
Oksengendler, B.L., Yuabov, I.Yu. To the degradation mechanism of the properties of amorphous hydrogenated silicon under solar irradiation 40488
Oksengendler, B.L. *see* Yunusov, M.S. 10849
Oksenoid, K.G. *see* Volkov, V.V. 11134
Oksman, J. *see* Chen, X.H. 36489
Oksman, M.M. *see* Muminov, R.A. 46948
Okstad, K.M. *see* Damhaug, A.C. 41213
Oktu, O. *see* Adriaenssens, G.J. 27501
Oku, H. *see* Fukatsu, S. 41363
Oku, K., Tobe, A., Imazeki, M., Shirai, S., Osakabe, K. Analysis of electron beams of CRTs with axi-asymmetric electron guns 27438
Oku, K. *see* Kawagoshi, T. 16178
Oku, S. *see* Ikeda, M. 5677
Oku, T., Wakimoto, H., Otsuki, A., Murakami, M. NiGe-based ohmic contacts to n-type GaAs. I. Effects of In addition 34603
Oku, T., Yamakage, T., Takahashi, K., Kinno, A., Odaka, T., Suu, H. Variable bit-rate HDTV codec using VLBC for ATM network 31019
Oku, T. *see* Kawata, H.R. 34604
Okubo, H. *see* Bong-Hwan Oh 7968
Okubo, H. *see* Yokomizu, Y. 11553
Okubo, H. *see* Yokomizu, Y. 16464
Okubo, K., Teguri, H., Ito, A. Pattern matching for automated E-beam testing 43052
Okubo, K., Tsutsumi, M. The edge guide mode isolator using YIG film 20165
Okubo, M. *see* Nakamura, Y. 9317
Okubo, N. *see* Ishii, K. 27210
Okubo, Y. *see* Kubokawa, J. 7826
Okuda, H. Color reproduction in television. III. Display system 38255
Okuda, H. *see* Vezin, V. 33630
Okuda, I. *see* Matsushima, I. 3427
Okuda, I. *see* Owadano, Y. 3424
Okuda, K., Yasuda, A. Distribution of positioning error in a global positioning system 6161
Okuda, K. *see* Arai, M. 36525
Okuda, K. *see* Yamazaki, K. 24137
Okuda, M. *see* Miyazawa, S. 35857
Okuda, M. *see* Ohmukai, M. 638
Okuda, S., Ohkuma, J., Suemine, S., Ishida, S., Yamamoto, T., Okada, T., Takeda, S. Amplification of spontaneous emission with two high-brightness electron bunches of the ISIR linac 46716
Okuda, S. *see* Ohkuma, J. 31580
Okuda, T., Anthony, M., Tadokoro, Y. A performance evaluation for general traffic model GI/G/s by neural network 22329
Okuda, T., Yamada, H., Torikai, T., Uji, T. DFB laser intermodulation distortion analysis taking longitudinal electrical field distribution into account 35888
Okuda, T. *see* Ishizaki, C. 19228
Okuda, T. *see* Iwaki, T. 31052
Okuda, T. *see* Iwaki, T. 36565
Okuda, T. *see* Yamada, H. 12139
Okuda, T. *see* Yamada, H. 28879
Okuda, Y. *see* Saito, T. 11043
Okuda, Y. *see* Tani, Y. 27854
Okudaira, S., Nomura, K., Matsuse, K. New quasi-resonant inverter for induction heating 8634
Okudera, M. *see* Ishihara, H. 35240
Okudera, T., Takasawa, Y. Analysis of fundamental frequency pattern in speech 4540
Okui, A., Ego, Y., Fukada, N., Kaga, S., Ikeda, H. Control methods and characteristics of PWM inverter for driving LSM 33118
Okui, A., Fukada, S., Kaga, S., Ego, Y., Ikeda, H., Tanaka, S. Constitution and characteristics of neutral point clamped type inverter for driving LSM 8946
Okui, M. *see* Kanatsugu, Y. 30960
Okuizumi, M. *see* Yano, M. 18219
Okujima, M. *see* Katakura, K. 16081
Okulov, M.O. *see* Berezin, Yu.V. 45770
Okuma, K. *see* Saito, T. 11043
Okuma, S. *see* Doki, S. 16764
Okuma, S. *see* Hino, M. 38559
Okuma, S. *see* Torii, A. 27621
Okuma, Y. *see* Iida, S. 40299
Okumi, S. *see* Saka, T. 23991
Okumoto, Y., Shin-ichi Matsuzaki, Yanai, H., Tanaka, M., Ohta, M., Izuuchi, N. Application of welding robot system to ship hull assembly 17636
Okumu, J. *see* Morgan, G.J. 34536
Okumura, A. *see* Taniguchi, K. 16830
Okumura, F. *see* Asada, H. 31367
Okumura, H., Fujiwara, H. A new low-image-lag drive method for large-size LCTVs 15135
Okumura, H., Misawa, S., Okahisa, T., Yoshida, S. Epitaxial growth of cubic and hexagonal GaN by gas source molecular beam epitaxy using a microwave plasma nitrogen source 41367
Okumura, H. *see* Yoshikawa, M. 19454
Okumura, K., Kawamura, T. Basic investigation of electromagnetic interference caused by corona discharge in air flow 12631
Okumura, K., Yamamoto, Y., Fukui, T., Hanyu, S., Kubo, Y., Esaki, Y., Hattori, M., Kusunoki, A., Takeuchi, S. Microstructure and overvoltage characteristics of the anode for solid oxide fuel cells 17354
Okumura, K. *see* Fukatsu, S. 41363

Okumura, K. *see* Horiuchi, T. 42935
Okumura, M., Tanimoto, H., Itakura, T., Sugawara, T. Numerical noise analysis for nonlinear circuits with a periodic large signal excitation including cyclostationary noise sources 18456
Okumura, N., Kishida, Y., Kawabata, M., Hayashi, K., Naoe, Y. A software servo system for VCRs 23336
Okumura, S. *see* Yamashina, H. 17955
Okumura, T., Imamoto, Y., Tsukada, E., Terao, M., Itoh, M., Nozaki, Y., Sato, M., Sato, A. ACOS-4 new products for Solution 21 45544
Okumura, T., Ishiwata, N., Urai, H. Laminated Fe-Ta-N heads for HD-digital VTR 20146
Okumura, T. *see* Matsumoto, N. 35898
Okumura, T. *see* Murata, T. 26179
Okumura, T. *see* Shimura, M. 2159
Okumura, Y. *see* Inoue, T. 38830
Okumura, Y. *see* Irie, K. 23324
Okumura, Y. *see* Mizuno, M. 46699
Okumura, Y. *see* Okazaki, K. 25713
Okumura, Y. *see* Pamela, J. 46734
Okumura, Y. *see* Watanabe, K. 38831
Okumura, Y. *see* XingBo Yang 35231
Okunev, R.I. *see* Lvov, B.V. 20605
Okunev, V.I. *see* Novikov, V.A. 25342
Okunev, V.I. *see* Novikov, V.A. 25761
Okuno, A., Nagai, K., Ikeda, K., Tsukasaki, Y., Oyama, N., Nakahira, K., Hashimoto, T., Chiang Hung-Yu, Fen Chi Lin Unique epoxy resin and printing encapsulation systems (PES) for advanced multichip module, TAB, COB, and flip-chip 383
Okuno, E. *see* Sunta, C.M. 43626
Okuno, E. *see* Yamashita, M. 40408
Okuno, H., Homma, T. Chaotic oscillation of domain wall in non-equilibrium state 43273
Okuno, H. *see* Nakamura, H. 40099
Okuno, K. *see* Koizumi, N. 20227
Okuno, K. *see* Kumamoto, S. 20058
Okuno, K. *see* Naito, K. 8739
Okuno, K. *see* Tsuji, H. 28422
Okuno, M. *see* Himeno, A. 45728
Okuno, M. *see* Nagase, R. 30574
Okuno, S., Ohse, S., Watanabe, T., Utsumi, A., Choshoji, K. Applications of ultrathin medical fiberscopes 31839
Okuno, S. *see* Fukunaga, C. 46852
Okuno, S. *see* Saitoh, Y. 7254
Okuno, S. *see* Saitoh, Y. 46854
Okuno, S. *see* Tanaka, M. 46975
Okuno, T., Mizuguti, H., Komaki, S., Morinaga, N. A new frequency switching/1M3 reduction method in fiber-optic microcellular system 14514
Okuno, T. *see* Aikawa, S. 14701
Okuno, Y., Kawano, T., Koguchi, M., Nakamura, K., Kakibayashi, H. Dislocation reduction in InP layers grown on sawtooth-patterned GaAs substrates 41371
Okuno, Y. *see* Aoki, M. 14597
Okuno, Y. *see* Aoki, M. 38120
Okuno, Y. *see* Matsuda, T. 12547
Okuno, Y. *see* Sano, M. 18177
Okura, H. *see* Kamimura, T. 38311
Okura, J.H. *see* Bonfim, M.J.C. 855
Okura, K. *see* Cho, K.-R. 18769
Okura, K. *see* Tamaki, K. 25924
Okura, T. *see* Takayama, R. 6598
Okura, Y. *see* Kimura, T. 18257
Okusako, T. *see* Fukano, Y. 42574
Okusako, T. *see* Morita, S. 11340
Okushi, H. *see* Kiyota, H. 1875
Okutani, I., Morokawa, H. Fuzzy inference method of landcover classification using Landsat data 16023
Okutin, G.P. *see* Murugov, V.M. 3730
Okuyama, D. *see* Imano, K. 15262
Okuyama, D. *see* Imano, K. 23890
Okuyama, D. *see* Imano, K. 47296
Okuyama, E., Kiyono, S., Moritoki, H. Non-contact measurement of a gear. 3. Rapid measurement of the tooth profile 23904
Okuyama, E. *see* Yoshida, H. 38959
Okuyama, H., Itoh, S., Kato, E., Ozawa, M., Nakayama, N., Nakano, K., Ikeda, M., Ishibashi, A., Mori, Y. Room temperature pulsed operation of blue laser diodes 43839
Okuyama, H., Kishita, Y., Miyajima, T., Ishibashi, A., Akimoto, K. Epitaxial growth of p-type ZnMgSSe 33594
Okuyama, H. *see* Arakawa, T. 27860
Okuyama, H. *see* Itoh, S. 3664
Okuyama, H. *see* Nakayama, N. 20768
Okuyama, K., Ohshima, S., Uenishi, H., Kambe, S. Crystallization of amorphous YBCO and BSCCO thin films by zone-melt technique 2871
Okuyama, K. *see* Ikeuchi, T. 45641
Okuyama, K. *see* Kido, J. 11827
Okuyama, K. *see* Kido, J. 35569
Okuyama, K. *see* Kido, J. 35587
Okuyama, M. *see* Togami, Y. 46489
Okuyama, R. *see* Di Zhang 25648
Okuyama, T., Yoda, S., Kimura, J., Shimoda, K. Development of a digital VCR system 23338
Okuyama, T. *see* Ando, A. 38832
Okuyama, T. *see* Mori, Y. 15572
Okuyama, T. *see* Mori, Y. 15598
Okuyama, T. *see* Mori, Y. 46829
Okuyama, T. *see* Naito, K. 35706
Okuyama, Y. *see* Patil, M.B. 42980
Okuzawa, S. *see* Nakano, H. 36415
Okuzono, H. *see* Matsuda, N. 22747
Okx, W.J.C., Bom, V.R., van Eijk, C.W.E., Hollander, R.W. A gas scintillation proportional detector to search for 17 keV neutrinos 7249
Olabe, J.C. *see* Olabe, M.A. 30568
Olabe, J.C. *see* Olabe, X. 30314
Olabe, M.A., Olabe, J.C., Malasri, S. Artificial experience and inductive learning: tools for communication network control and operation 30568
Olabe, X., Olabe, J.C., Malasri, S. The Hopfield neural network: a paradigm for communication traffic management 30314
Olaca, M. *see* Corda, J. 8882
Olagnon, M. *see* Basseville, M. 6865
Olah, G.A. *see* Surampudi, S. 33014
Olajos, J. *see* Engvall, J. 19387
Olander, E. *see* Bronner, W. 20585
Olander, E. *see* Hornung, J. 3380
O'Larey, P.M. *see* Cooley, L.D. 35258
Olariu, S., Schwing, J.L., Jingyuan Zhang Computing the Hough transform on reconfigurable meshes 5009
Olariu, S., Stewart, I.A. A new characterization of unbreakable graphs 18040
Olariu, S. *see* Bhagavathi, D. 43070
Olasz, E.B. *see* Fattouche, M. 4107
Olbright, G.R., Jewell, J.L., Bryan, R.P., Fu, W.S. Micro-optic and microelectronic integrated packaging of vertical cavity laser arrays 35620
Olbright, G.R. *see* Bryan, R.P. 3389
Olbright, G.R. *see* Schneider, R.P. 781
Olbrisch, J. *see* Irmisch, M. 2710
Olcay, M. *see* Aguilera, S. 11850
Olchowik, J.M. Effect of interface on the spinodal decomposition of GaInPAs solid solutions during liquid phase heteroepitaxy 9552
Olcoz, K., Tirado, F., Mozos, D., Septien, J., Moreno, R. Data path structures and heuristics for testable allocation in high level synthesis 19948
Oldaker, I.E. *see* Lau, J.H.K. 32624
Oldehoff, H. *see* Bach, R. 7952
Oldehoff, H. *see* Bach, R. 7953
Oldenburg, D.W. *see* Yaoguo Li 39361
Oldendorf, M., Zeitler, E., Weber, P., Maatsch, K. Digital spiral CT angiography of the aorta and its main branches 24246
Oldham, D.R. Electrical generation from waste mines gas 16666
Oldham, N.M. *see* Avramov, S. 6293
Oldham, T.R., Bennett, K.W., Beaucour, J., Carriere, T., Polvey, C., Garnier, P. Total dose failures in advanced electronics from single ions 34069
Oldham, T.R. *see* Lelis, A.J. 34980
Oldham, W. *see* Hutchinson, J. 27806
Oldham, W.G. *see* Fields, C.H. 2361
Oldham, W.G. *see* Partlo, W.N. 27940
Oldham, W.J.B. *see* Phoha, V.V. 29856
O'Leary, A., Dheasuna, C.N., Hourihane, R., Mathewson, A., Spalding, T., Ward, P. Selective electroless plating for ULSI multilevel metallization 804
O'Leary, K. *see* Murphy, N. 7384
O'Leary, R.A. *see* Walter, R.F. 20621
O'Leary, R.A. *see* Walter, R.F. 35672
O'Leary, S.V. Real-time image processing by degenerate four-wave mixing in polarization sensitive dye-impregnated polymer films 22269
Oleinik, G.M. *see* Bulan, V.V. 14981
Oleinik, G.M. *see* Zaitsev, V.I. 4657
Oleinik, S.V. *see* Alekseev, I.N. 46922
Oleinikov, A.M., Smirnov, S.B., Safronov, A.B. Asynchronous motor for electric drives with parametric control 40522
Oleksy, J. *see* Basista, J. 2445
Oles, E.J. *see* Moustakas, T.D. 9735
Olesen, H., Tromborg, B., Pan, X., Lassen, H.E. Stability and dynamic properties of multi-electrode laser diodes using a Green's function approach 35816
Olesinski, R., Grochal, P., Barlik, R. Polar control of current for PWM inverters 17080
Olesinski, R. *see* Ackva, A. 48278
Oleskevich, T. *see* Seguin, F. 3573
Olewine, M. *see* Eastep, B. 19604
Oleynik, G., Appleton, L., Mackinnon, B., Moore, C., Sergey, G., Udumula, L. Murmur—a message generator and reporter for Unix, VMS, and VxWorks 46322
Oleynik, G. *see* Votava, M. 46324
Oliensis, J. *see* Sawheny, H.S. 4789
Olin, J.G. An engineering tutorial: thermal mass flowmeters 31176
Olin, J.G. Thermal flow monitors take on utility stack emissions 46382
Oliner, A.A. New leakage effects and new dominant modes in millimeter-wave printed circuits 27130
Oliner, A.A. *see* Carin, L. 4208
Oliner, A.A. *see* Lampariello, P. 1475
Oliner, A.A. *see* Nghiem, D. 1395
Oliner, A.A. *see* Nghiem, D. 12706
Oliner, A.A. *see* Nghiem, D. 18957
Oliner, A.A. *see* Shigesawa, H. 12644
Oliner, A.A. *see* Shigesawa, H. 19194
Oliner, A.A. *see* Shigesawa, H. 27133
Oliner, A.A. *see* Tsuji, M. 1396
Olinger, C. *see* Shan Yu 30015
Olinger, C.T. *see* Stanbro, W.D. 31045
Olinski, G.J. Integrated diagnostic system helps utility fleets keep pace 17582
Oliphant, A. *see* Hood, K.J. 6052
Oliva, A., Monaco, R. Annealing properties of high quality Nb/Al-AlO_x/Nb tunnel junctions 43363
Olivari, F. Development of microcontrollers 10206
Olivari, F. A 10 band stereo equaliser 14851
Olivari, F. Flash memory: the most severe tests 18708
Olivari, F. New 32 bit controllers 18796
Olivari, F. More hardware algorithms equal to 'signal computing' 18798
Olivari, F. A chip for decoding MPEG audio 18837
Olive, J.P. *see* Levinson, S.E. 21651
Oliveira, C.A.S.de *see* de Oliveira, C.A.S.
Oliveira, E., Mouta, F., Rocha, A.P. Negotiation and conflict resolution within a community of cooperative agents 16174
Oliveira, E. *see* Lopes, P. 13679
Oliveira, J.C.de *see* de Oliveira, J.C.
Oliveira, J.C.T., Song, G., Anantaraman, A., Adams, W.A. Fuel cell and fuel cell/battery hybrid alternatives for transportation 48391
Oliveira, M., Agoulmine, N. Interoperability of open management systems 14045
Oliveira, M.F.de *see* de Oliveira, M.F.
Oliveira, O.N., Jr. *see* Altafim, R.A.C. 43168
Oliveira, O.N., Jr. *see* Alves, N. 43173
Oliveira, O.N., Jr. *see* Campos, J.S.C. 35132
Oliveira, P., McKee, S., Coles, C. Optimal scheduling of a hydro-thermal power generation system 16207
Oliveira, P.Guedes de *see* Guedes de Oliveira, P.
Oliveira, R. *see* Shaban, M. 30017
Oliveira Coutinho, C.E. *see* Reis, L.B. 47484
Oliveira Duarte, A. *see* Moreira, A.J.C. 38004
Oliveira Duarte, A.M.de *see* de Oliveira Duarte, A.M.
Oliveira e Silva, T., Guedes de Oliveira, P., Principe, J.C., De Vries, B. Generalized feedforward filters with complex poles 1330
Oliver, C., Courtellemont, P., Colot, O., Brucq de, D. Algorithms for automatic detection of abrupt changes in multichannel signals 4688
Oliver, C.J. Optimum texture estimators for SAR clutter 6113
Oliver, C.J. *see* Blacknell, D. 13486
Oliver, C.J. *see* Blacknell, D. 30880
Oliver, G. *see* Casas, S. 45232
Oliver, G.A., Piera, N. Vision system based on a classification connexionist algorithm 4916
Oliver, J., Samotyj, M., Ferrier, R. Application of high speed, high horsepower, ASD controlled induction motors to gas pipelines 9072
Oliver, J. *see* Blom, F.C. 19996
Oliver, J.A., Gerke, H. High speed ASD controlled motors replace turbines and engines for pipelines and petroleum refineries 17639
Oliver, J.W. *see* Cunningham, P.R. 29076
Oliver, T.W. *see* Varrin, R.D., Jr. 16568
Olivera, G.H., Kessler, C., Sansogne, R.A., Saravi, M. Energy dependence of the response of thermoluminescence dosimeters to photon and electron beams 24379
Oliveri, M. *see* Antognetti, P. 18653
Olivier, C. *see* Ogier, J.M. 13796
Olivier, G., Mougharbel, I., Dobson-Mack, G. Minimal transient switching of capacitors 32405
Olivier, J. *see* Nguyen-Van-Dau, F. 15029
Olivier, J.C. *see* Swart, W.A. 21442
Olivier, M. *see* Wischert, W. 18512
Olivier, M. *see* Wischert, W. 18527
Olivieri, M. *see* Antognetti, P. 18944
Olivieri, M. *see* Costa, A. 1240
Olivieri, M. *see* Costa, A. 7317
Olivieri, M. *see* De Gloria, A. 1128
Olivo, J.C. Image segmentation by wavelet-based automatic threshold selection 30093
Olivo, M. *see* Schryber, U. 6907
Olivo, P. *see* Dalpasso, M. 2663
Olivo, P. *see* Dalpasso, M. 18555
Olivo, P. *see* Favalli, M. 2689
Olivo, P. *see* Favalli, M. 33947
Olivo, P. *see* Metra, C. 11312
Ol'khovskii, G.G. *see* Akimov, N.K. 16689
Ol'khovskii, K.I. *see* Atamanchuk, I.G. 27659
Olkin, V.A. *see* Avdeyev, S.P. 7149
Olla, M. *see* Hashemi, H. 33379
Oller, F. *see* Alvarez-Cuevas, F. 5143
Ollikainen, O., Rebane, A., Rebane, K.K. Error-corrective optical neural networks modelled by persistent spectral hole-burning 11559
Ollivier, M.M. *see* Khangura, K.S. 25925
Olmedo, B.G. *see* Garcia, S.G. 30885
Olmi, R. *see* Andreuccetti, D. 15906
Olmstead, D. *see* Glein, R. 37950
Olmsted, B.L., Houde-Walter, S.N. Si-induced AlGaAs/GaAs superlattice disordering using a grown-in impurity source and the effects of annealing ambient 27527
Olnes, J. EDIFACT security made simple—the EDIMED approach 22485

Olnes, J., Spilling, P. Requirements for security of service management 37303
Olness, G., Bernasek, S., Gordon, M., Chung, B., Draper, C. Investigation of the gas-phase effluents and surface residuals of ozone ashed photoresists 34864
Olofinjana, A.O. *see* Gomez-Polo, C. 43279
Olofsson, H. *see* Granestrand, P. 35501
Olofsson, K., Lindgren, L.E. Holographic interferometry measurements of transient bending waves in tubes and rings 26533
Olomo Ngongo, A., Perennec, A., Soares, R. Network synthesis applied to the design of tuned optical front-ends for microwave lightwave systems 30811
Olowolafe, J.O., Jones, R.E., Campbell, A.C., Maniar, P.D., Hegde, R.I., Mogab, C.J. Analyses of Pt/Ti electrodes for PLZT capacitors 11364
Olowolafe, J.O., Lee, C., Kawasaki, H., Gelatos, C., Blumenthal, R., Theodore, N.D., Gregory, R.B. Effect of TiN anneal ambient on the microstructure and electromigration performance of Al-based alloys 34820
Olowolafe, J.O. *see* Fu, K.-Y. 2212
Olowolafe, J.O. *see* Jawarani, D. 19648
Olsen, A., Jorgensen, M. The SCORE component model 37557
Olsen, A. *see* Hammons, T.J. 24901
Olsen, B.T. *see* Nawaz, M. 3182
Olsen, B.T. *see* Nawaz, M. 28519
Olsen, B.T. *see* Nawaz, M. 28520
Olsen, C.M., Li, C.-S. Differential board/backplane optical interconnects for high-speed digital systems. II. Simulation results 10584
Olsen, D.L., DiMarzio, C.A. A micro laser Doppler flowmeter 38975
Olsen, D.T. *see* Adesida, I. 2185
Olsen, E.S. *see* Jacobsen, F. 32122
Olsen, E.S. *see* Jacobsen, F. 38760
Olsen, F., Dyre, K. Vindeby off-shore wind farm—construction and operation 25293
Olsen, F.O. *see* Gregersen, O. 3754
Olsen, G. Combining HDL and schematic entry for FPGA design 26835
Olsen, G. Board level logic consolidation 41809
Olsen, G.H. *see* Dong-Su Kim 46452
Olsen, G.H. *see* Martinelli, R.U. 35839
Olsen, J. *see* Oxoby, G. 6999
Olsen, L., Kirk, B. Medium power bipolar design using the NE46134 nonlinear model 33902
Olsen, N.C. MX: a real-time fault and change-tolerant distributed system 5605
Olsen, O.L. *see* Christiansen, H.C. 40826
Olsen, R. *see* Arnaudon, L. 15357
Olsen, R. *see* Dabral, S. 294
Olsen, R.B. *see* Vachon, P.W. 7625
Olsen, R.G., James, D.C., Chartier, V.L. The performance of reduced magnetic field power lines: theory and measurements on an operating line 24935
Olsen, R.G. *see* Geissinger, L.G. 39457
Olsen, R.G. *see* Hower, G.L. 4049
Olsen, S.L. *see* Rasmussen, J.R. 17257
Olshansky, R. *see* Green, P.E., Jr. 5560
Olshansky, R. *see* Su, S.F. 5178
Olshausen, R.von *see* von Olshausen, R.
Olshen, R.A. *see* Perlmutter, S.M. 31855
Olshevsky, V. *see* Gohberg, I. 33524
Olson, B.L. *see* Guo, Y. 34405
Olson, C. Pressure and level measurements: instrument choices abound 46287
Olson, C.L. *see* Shu-Ling Liao 6310
Olson, D.S., Kelly, M.A., Kapoor, S., Hagstrom, S.B. Sequential growth of high quality diamond films from hydrocarbon and hydrogen gases 1834
Olson, D.S. *see* Kelly, M.A. 859
Olson, D.T. *see* Asif Khan, M. 18162
Olson, D.T. *see* Khan, M.A. 2566
Olson, D.T. *see* Khan, M.A. 15010
Olson, D.T. *see* Khan, M.A. 18265
Olson, D.W., Salloum, H.R., Seely, M.A., Walsh, A. Operating and powering optical fiber network 45927
Olson, E.M. *see* Petilli, S.G. 26980
Olson, H.M. *see* Gutierrez, R. 10493
Olson, J.M. *see* Bertness, K.A. 41301
Olson, J.M. *see* Kurtz, S.R. 9739
Olson, R. Vacuum-deposited polymer protects connector elements 19237
Olson, R., Yira, J. Relative compatibility of Parylene conformal coatings with no-clean flux residues 19218
Olson, R. *see* Black, J.F. 20907
Olson, R. *see* Perry, M.D. 20743
Olson, R.R. The airborne open system interconnection data link test facility 37759
Olson, S.G. *see* Partlo, W.N. 2333
Olson, T. Limited angle tomography via multiresolution analysis and oversampling 15829
Olson, T., Healy, D., Weaver, J., DeStefano, J. Fast updating in MRI via multi-scale localization 24229
Olson, T. *see* DeStefano, J. 13656
Olson, T. *see* Stewart, D. 2316
Olson, T.J., Lockwood, R.J. Fixation-based filtering 30040
Olson, T.J. *see* Taylor, J.R. 4978
Olson, W.H. *see* Feldman, C.L. 24308
Olsson, B. *see* Lindahl, S. 25026
Olsson, B.-E. *see* Bertilsson, K. 28802
Olsson, B.E. *see* Bertilsson, K. 43799
Olsson, C. *see* Herrlin, K. 7348
Olsson, E., Brorsson, G., Nilsson, P.A., Claeson, T. Elimination of pinholes in epitaxial thin film $YBa_2Cu_3O_{7-x}/SrTiO_3/PrGaO_3$ multilayers 2874
Olsson, E. *see* Brorsson, G. 26428
Olsson, E. *see* Ivanov, Z.G. 35287
Olsson, E. *see* Ramos, J. 11534
Olsson, E. *see* Ramos, J. 35284
Olsson, G. *see* Lindstedt, G. 38460
Olsson, H.K. *see* Ivanov, Z.G. 35287
Olsson, J., Gruber, S. Fusion of real and logical sensors derived from range and intensity images 22235
Olsson, J. *see* Edholm, B. 34919
Olsson, J. *see* Gruber, S. 46298
Olsson, L.G. *see* Borjeson, H. 36191
Olsson, R.W. Trends and developments in feedback devices for adjustable speed drives 9055
Olstad, W.D. *see* Pyszczek, M.F. 17183
Olthof, C.G. *see* de Vries, J.P.P.M. 7391
Oltman, E. *see* Auchincloss, P.S. 46953
Oltman, E. *see* Kinnel, T.S. 38880
Olver, M.M. *see* Springholz, G. 10689
Olwi, I.A. *see* Sabbagh, J.A. 16662
Olyslager, F. Field singularities at the common tip of a number of concentric biisotropic cones 21162
Olyslager, F., Blomme, K., de Zutter, D. Full-wave eigenmode determination of propagation constants and impedances of coupled polygonal conductors in multilayered media 12705
Olyslager, F., De Zutter, D. Rigorous full-wave analysis of electric and dielectric waveguides embedded in a multilayered bianisotropic medium 4233
Olyslager, F., De Zutter, D. Rigorous boundary integral equation solution for general isotropic and uniaxial anisotropic dielectric waveguides in multilayered media including losses, gain and leakage 21337
Olyslager, F. *see* Dhaene, T. 29267
Olyslager, F. *see* Weigan Lin 36292
Om Pal Singh, Harish, R., Ponpandi, S., Bhaskar Rao, P., Shankar Singh, R. Analysis of passive shutdown capability for a loss of flow accident in a medium sized liquid metal fast breeder reactor 39829
Omahen, P., Gubina, F., Gregoric, M. Network operational conditions and NPP Krsko 39891
O'Mahoney, M. *see* Swanson, D. 19139
O'Mahony, M. *see* Yao, J. 5930
O'Mahony, M.J. Non-linear optical transmission systems 38087
O'Mahony, M.J. *see* Chng, R.S.K. 5938
O'Mahony, M.J. *see* Chng, R.S.K. 14617
O'Mahony, M.J. *see* Hill, G.R. 6051
O'Mahony, M.J. *see* Simeonidou, D. 45936
O'Mahony, M.J. *see* Zhou, J. 5956
O'Mahony, M.J. *see* Zhou, J. 45935
O'Mahony, M.J. *see* Zhou, J. 46005
O'Malley, M., Lynn, D., de Paor, M. Kinematic analysis of human walking gait using digital image processing 7390
O'Malley, M. *see* Drabeck, L. 18537
O'Malley, M. *see* Drabeck, L. 26746
O'Malley, M.W. *see* Loubriel, G.M. 28622
O'Malley, M.W. *see* Loubriel, G.M. 44466
O'Malley, M.W. *see* Zutavern, F.J. 28624
Oman, D.M., Sakthivel, P., Mukherjee, P. Temporal synchronization of independently frequency tunable dual CO_2 laser pulses 3428
Oman, H. View from the outside, at ISATA 40617
Oman, H., Kostek, P. Myths die hard—Why? 24382
Omar, A.A., Chow, Y.L. Coplanar waveguide with top and bottom shields in place of air-bridges 18962
Omar, A.A., Chow, Y.L., Roy, L., Stubbs, M.G. Effects of air-bridges and mitering on coplanar waveguide 90° bends: theory and experiment 1437
Omar, A.A., Chow, Y.L., Stubbs, M.G. An efficient solution of patch resonators by a combined 2D/3D method 27150
Omar, A.S. *see* Dai, F. 1451
Omar, A.S. *see* Jostingmeier, A. 1455
Omar, A.S. *see* Jostingmeier, A. 21319
Omar, A.S. *see* Sarhan, A. 4204
Omar, A.S. *see* Yang, R. 18960
Omar, A.S. *see* Yang, R. 21343
O'Mara, W. Update on flat panel displays 15155
Omari, A., Khoder, A.F. Tunnel diode oscillator circuit for surface impedance measurement of thin films near 20 MHz 23843
Omata, K., Tanomura, K. Transient stability evaluation using an artificial neural network [power systems] 24630
Omata, K. *see* Fukuda, S. 46318
Omata, K. *see* Morioka, Y. 16444
Omata, S. *see* Umeda, H. 46377
Omata, T. *see* Nakagawa, Y. 28346
Omata, T. *see* Sanada, M. 43106
Omata, Y., Kaminaka, N. Magnetic properties and electrodeposition of Fe-Co-(Ni and/or Cr) alloy films with DC or pulse mode current 11486
Omatu, S. Mutual information for estimation problems 12809
Omatu, S. *see* Matsumura, S. 17561
O'Meara, T.R. *see* Mitchell, P.V. 3279
Omeich, M. *see* Gao, J. 7138
Omeich, M. *see* Glotin, F. 7019
Omelaev, A.I., Kazakov, V.N. Some features of the image-frame shaper for rotational-rotational field scanning 15092
Omelaev, A.I., Rukhlyadev, Yu.V. Comparative estimate of the possibilities of scanning optoelectronic devices based on two-mirror rhombs and prisms with different slopes 15091
Omelyanovskaya, N.M. *see* Krasnobaev, L.Ya. 19508
Omer, A., Swaminathan, M., Iqbal, A., Nealon, M. Effect of mesh planes on striplines in high speed packaging applications 374
Omer, A. *see* Swaminathan, M. 404
Omer Bafail, A. *see* Moreb, A.A. 7895
Omeragic, D. *see* Silvester, P.P. 621
Omeragic, D. *see* Silvester, P.P. 4005
Omeragic, D. *see* Silvester, P.P. 43247
Omi, S. *see* Hisanaga, K. 14346
Omichi, H. *see* Yoshida, M. 7267
Omiya, T. *see* Esaki, S. 5614
Omling, P. *see* Emanuelsson, P. 42462
Ommen, A.H.van *see* van Ommen, A.H.
Omodani, M. *see* Akitsu, H. 13477
Omori, M. Pulse shape discriminator application to low level counting experiments 7276
Omori, M. Very low level α-particle detection by means of pulse shape discrimination 24059
Omori, M. *see* Doucas, G. 4003
Omotani, M. *see* Takahashi, T. 22458
Omote, H. *see* Furuya, K. 38316
Omoto, A., Tanabe, A., Moriya, K., Dillmann, C.W. ABWR evolution program 16525
Omoto, A. *see* Toba, A. 16577
Omoto, O. *see* Yamanashi, A. 19823
Omoto, O. *see* Yonei, K. 43131
Omrcen-Ceko, G., Bunjevac, H. An implementation of a large-scale circuit simulator on a multiprocessor system 33821
Oms, F. *see* Beydoun, B. 1063
Oms, F. *see* Kassmi, K. 26731
Oms, F. *see* Kassmi, K. 35010
Omura, E. *see* Arimoto, S. 12177
Omura, E. *see* Arimoto, S. 20844
Omura, E. *see* Nishimura, T. 3633
Omura, Y., Horiguchi, S., Tabe, M., Kishi, K. Quantum-mechanical effects on the threshold voltage of ultrathin-SOI nMOSFETs 42956
Omura, Y. *see* Douseki, T. 1181
Omura, Y. *see* Okada, M. 4140
Omura, Y. *see* Takahashi, I. 16296
On Kong Sik *see* Sik On Kong
Onabe, H. *see* Shoji, T. 7303
Onabe, K. *see* Kuwano, N. 26444
Onabe, K. *see* Miyoshi, S. 18167
Onabe, K. *see* Nagahara, M. 41314
Onae, A. *see* Miki, Y. 15184
Onaga, H. *see* Miyagi, H. 18006
Onai, T. *see* Tanigawa, S. 10732
Onak, G. *see* Chen, C.H. 1612
Onal, I. *see* Selcuk, N. 32662
Onayama, S. *see* Nagano, T. 20261
Onbasli, U. Frequency response of interface states on ZnO-Au varactors. I 34601
Oncina, J. *see* Mico, M.L. 22250
Onciul, D. Efficiency of light launching into waveguides: a phase space approach 44515
Onda, M. *see* Kawai, T. 7963
Onda, N. *see* Muller, E. 42561
Ondo, M. *see* Masaki, N. 25005
Ondrejka, A. *see* Johnk, R.T. 36225
Ondrejka, A.R. *see* Allen, O.E. 12733
O'Neal, T.L. *see* Buzak, T.S. 23812
O'Neil, K.A. *see* Letcher, J.H. 44844
O'Neil, P. *see* Ngo, D. 1617
O'Neil, R.A. *see* Hornsby, J. 32075
O'Neil, S.D. *see* Muder, D.J. 29643
O'Neil, T.J. *see* Gutierrez, R. 32555
O'Neill, C., Blanchet, V., Denariez Roberge, M., Galarneau, P. Optical phase conjugation in aqueous rhodamine 6G solutions and in rhodamine 6G embedded in polyvinyl alcohol films 21005
O'Neill, C., Murray, B., Fagan, A.D. An efficient algorithm for pitch prediction using fractional delays 14309
O'Neill, J.H. *see* Rao, S.K. 26999
O'Neill, K. *see* Schiavone, G.A. 21214
O'Neill, M.K. *see* Harris, A. 8056
O'Neill, P.E. *see* Jackson, T.J. 24504
O'Neill, W. *see* Williams, K. 21131
Ong, C.M. *see* Moghbelli, H.H. 8832
Ong, D. Designing programmable hearing aids using BiCMOS 24362
Ong, G.T., Reeves, G.K., Garner, S.C.B., Williams, O.M. Fabrication and characterisation of thin film resistor arrays for infrared projector applications 19245
Ong, J.T., Seumahu, E.S., Ong, P., Yeoh, L.W., Chua, A., Lim, T.K. Anomalous microwave propagation prediction studies for the Singapore terrain 21257

Ong, J.T., Takahashi, R., Tsuchiya, M., Wong, S.-H., Sahara, R.T., Ogawa, Y., Kamiya, T. Subpicosecond soliton compression of gain switched diode laser pulses using an erbium-doped fiber amplifier 12156
Ong, J.T. *see* Ooi, T.H. 17821
Ong, J.T. *see* Wong, E.M.C. 5816
Ong, L.H. *see* Lee, J.Y. 8738
Ong, L.K., Kondoz, A.M., Evans, B.G. A new innovation in channel coding for speech coders 29556
Ong, N.S., Lim, L.E.N. Activity-based cost-modelling procedures for PCB assembly 17776
Ong, P. *see* Ong, J.T. 21257
Ong, S. *see* Ingram, J. 13041
Ong, S. *see* Moody, M.P. 13043
Ong, T.T., Celli, V., Marvin, A.M. General relation between surface impedance and surface curvature 36145
Ong, V.K.S., Phang, J.C.H., Chan, D.S.H. A direct and accurate method for the extraction of diffusion length and surface recombination velocity from an EBIC line scan 23873
Ong Hiap Liew *see* Hiap Liew Ong
Ong-Hall, C.L. *see* Larsen, S.T. 16368
Onga, S. *see* Okada, T.K. 18237
Ongareau, B., Bosisio, R.G., Aubourg, M., Obregon, J.J., Gayral, M. A non-linear and distributed modelling procedure of FETs 11238
Ongareau, E. *see* Dauguet, S. 29300
Onge, S.A.St. *see* St. Onge, S.A.
Onibashi, H. *see* Yugami, H. 23952
Oniki, S. *see* Hiyama, T. 24775
Onisawa, K. *see* Kaneko, T. 9748
Onisawa, K.-I. *see* Kaneko, T. 41465
Onischenko, L.M., Shakun, N.G., Shishlyannikov, P.T. Beam stretching in the JINR phasotron by phase displacement 15569
Onishchenko, A.I. *see* Nabiev, R.F. 44530
Onishchenko, L.A., Chubinskii, N.P. The input impedance of two frame antennas on a conducting cylinder 21397
Onishchenko, Yu.Zh. *see* Bortnikov, V.V. 4630
Onishchukov, G.I. *see* Schutz, J. 44133
Onishi, H., Kobayashi, T., Ando, K., Hoshina, H. Supply and installation of 400 kV oil-filled cable with high-oil-pressure and the accessories to Chaira pumped storage power station in Bulgaria 7962
Onishi, H. *see* Kitamura, Y. 6216
Onishi, K., Oka, S. Recording technology for small-size equipment based on image compression 31039
Onishi, M., Ishikawa, H., Kashiwada, T., Nakazato, K., Fukuda, A., Kanamori, H., Nishimura, M. High performance dispersion-compensating fiber and its application to upgrading of 1.31 μm optimized system 38008
Onishi, M., Koyano, Y., Shigematsu, M., Kanamori, H., Nishimura, M. Dispersion compensating fibre with a high figure of merit of 250 ps/nm/dB 28459
Onishi, M. *see* Otoki, Y. 2568
Onishi, Y. *see* Sato, M. 20159
Onishi, Y. *see* Sato, M. 28358
Onisli, H. Wide aspect television: signal conversion 23279
Onnagawa, H. *see* Okada, H. 11700
Onno, G. *see* Rix, P. 45714
Onno, P., Guillemot, C. Tradeoffs in the design of wavelet filters for image compression 36828
Ono, A. *see* Sakuma, F. 24464
Ono, D. *see* Albright, J. 25320
Ono, H. *see* Kimura, T. 18223
Ono, K. Low profile cable connector for LCDs withstands strong voltages 1683
Ono, K. *see* Bove, P. 43016
Ono, K. *see* Kim, E.-K. 21669
Ono, K. *see* Matsuoka, M. 9679
Ono, K. *see* Okamoto, Y. 2814
Ono, K. *see* Okamoto, Y. 20160
Ono, K. *see* Okamoto, Y. 21858
Ono, K. *see* Suzuki, H. 41515
Ono, K. *see* Tsutsumi, Y. 25674
Ono, M., Sakashita, Y., Umemura, K., Oonuma, N., Shimizu, H., Fujiwara, N. Development of the chassis, suspension, and body of the advanced electric vehicle, IZA 48226
Ono, M. *see* Ajiro, M. 22163
Ono, M. *see* Isagawa, S. 10619
Ono, M. *see* Kako, E. 15505
Ono, M. *see* Kobayashi, M. 7588
Ono, M. *see* Miyazaki, H. 40665
Ono, M. *see* Nakajima, T. 17379
Ono, M. *see* Saito, M. 34957
Ono, M. *see* Sato, I. 15299
Ono, M. *see* Shimakura, Y. 24863
Ono, M. *see* Shimizu, H. 48224
Ono, M. *see* Yasuda, K. 20250
Ono, N., Kida, M., Arai, Y., Abe, K., Sahira, K. A new technique for controlling the dopant concentration in the double-crucible method 27660
Ono, R. *see* Shoji, M. 7121
Ono, R.H. *see* Beall, J.A. 1442
Ono, R.H. *see* Gait, D. 11530
Ono, R.H. *see* Reintsema, C.D. 28405
Ono, S. Super high definition images 38307
Ono, S., Fujii, T. Current development environment for microprocessor systems 18802
Ono, S., Nunogami, H., Komoda, M., Murakami, M., Fukumizu, T. A top-down CAD system using hardware description language for ASIC design 19931
Ono, S., Ohta, N., Fujii, M.T. Media integration platform on super high definition images: parallel digital signal processor approach 37553
Ono, S. *see* Fujii, T. 31152
Ono, S. *see* Furukawa, I. 31153
Ono, S. *see* Furukawa, I. 45078
Ono, S. *see* Murota, J. 9650
Ono, S. *see* Sakuraba, B. 9653
Ono, S. *see* Sakuraba, M. 41459
Ono, S. *see* Sawabe, T. 4952
Ono, S. *see* Shimawaki, H. 27434
Ono, S.-i. *see* Nakashima, K. 23825
Ono, T. Diagnosis of multiple faults in dynamic systems 23422
Ono, T. A synthesis of switched-capacitor higher-order immittance simulation circuits 27053
Ono, T., Sun, J. On the method of linear system identification considering the dynamics of measuring devices 14862
Ono, T. *see* Furuta, T. 40654
Ono, T. *see* Hatade, K. 34947
Ono, T. *see* Higasa, H. 25851
Ono, T. *see* Imai, Y. 6086
Ono, T. *see* Uchiyama, A. 35089
Ono, T. *see* Yamashita, K. 27941
Ono, Y., Tabe, M., Kageshima, H. Scanning-tunneling-microscopy observation of thermal oxide growth on Si(111)7×7 surfaces 19580
Ono, Y. *see* Nagano, T. 20261
Ono, Y. *see* Obata, I. 6219
Ono, Y. *see* Oishi, A. 38123
Ono, Y. *see* Tsuchiya, T. 9517
Onoda, H., Takahashi, E., Kawai, Y., Madokoro, S., Fukuyo, H., Sawada, S. Mechanical effects of hafnium and boron addition to aluminum alloy films for submicrometer LSI interconnects 10987
Onoda, H. *see* Harada, Y. 42551
Onoda, H. *see* Kageyama, M. 10970
Onoda, J. *see* Kudo, K. 23299
Onoda, M., Uchida, M., Ohmori, Y., Yoshino, K. Organic electroluminescence devices using poly(arylene vinylene) conducting polymers 3343
Onoda, T. Next day's peak load forecasting using an artificial neural network 16266
Onoda, T., Miki, N. Synchronous CDMA for optical subscriber systems using block-interleave and redundancy code sequences 5903
Onoda, T., Miki, N. Bi-directional multiplexing for optical subscriber systems using code division multiplexing 14648
Onoda, Y. *see* Hoshihara, N. 48256
Onodera, C. *see* Taguchi, T. 3593
Onodera, H., Taniguchi, Y., Tamaru, K. Branch-and-bound placement for building block layout 41549
Onodera, H. *see* Morie, T. 26576
Onodera, M. *see* Hirose, K. 19693
Onodera, M. *see* Iwamoto, T. 42801
Onodera, M. *see* Shimada, H. 11025
Onodera, N. *see* Ahmed, Z. 12157
Onodera, N. *see* Lowery, A.J. 20872
Onodera, N. *see* Mori, S. 2825
Onodera, S., Yamasawa, K. Effect of the stator slot opening on the electromagnetic vibration in a squirrel-cage induction motor 25437
Onodera, S., Yamasawa, K. Electromagnetic vibration analysis of a squirrel-cage induction motor 47882
Onodera, S. *see* Sinha, B.K. 6481
Onodera, T., Kuwahara, K., Ohtsuka, H. Conjugate twin-shifter phase shift method for high resolution lithography 34859
Onodera, T. *see* Ohtsuka, H. 2354
Onodera, T. *see* Ohtsuka, H. 27851
Onodera, T. *see* Ohtsuka, H. 27936
Onodi, T. The useful life of plastic power cables with particular emphasis on the influence of humidity 16346
Onodi, T., Danikas, M.G., Bruning, A.M. A study of factors affecting the breakdown strength of silicone rubber 35177
Onoe, K. *see* Tahara, H. 44561
Onogawa, Y. *see* Taguchi, K. 14836
Onogi, Y. *see* Chiba, A. 47135
Onokhov, A.P. *see* Ivanova, N.L. 3221
Onokhov, A.P. *see* Ivanova, N.L. 11694
Onokhov, A.P. *see* Kuz'mina, I.I. 3222
Onomura, M., Ishikawa, M., Nishikawa, Y., Saito, S., Parbrook, P.J., Nitta, K., Rennie, J., Hatakoshi, G. Blue-green laser diode operation of CdZnSe/ZnSe MQW structures grown on InGaP band offset reduction layers 12234
Onopienko, D. *see* Young, K.G. 7242
Onoprienko, A.A. *see* Mogilenko, N.F. 9891
Onoprienko, D. *see* Davison, D. 31709
Onose, K. *see* Sugita, A. 3143
Onosovsky, K.K. *see* Bolshakov, A.E. 7468
Onozato, Y. *see* Baba, H. 14536
Onozato, Y. *see* Usui, T. 22938
Onozato, Y. *see* Wen De Zhong 37604
Onozawa, S., Yamamoto, N., Kimura, T., Sano, Y., Akiyama, M. Characterization and high-speed digital application of GaAs MESFETs on substrates 18677
Onozuku, T., Sakaniwa, K., Ozeki, K. Automated teller machine monitoring system for financial institutions 22655
Onslow, M. *see* Packman, A. 15892
Onuchin, V. *see* Denisov, S. 31708
Onuchin, V.A. *see* Gavrishchuk, O.P. 7159
Onuchin, V.A. *see* Gilitskii, Yu.V. 46921
Onufriev, V.D. *see* Shcheslov, A.S. 32593
Onuki, J., Nihei, M. Submicron contact hole filling by electron bias sputtering 2248
Onuki, T., Ogawa, T., Saito, H., Jeon, W. Three-dimensional finite element analysis of transverse displacement in linear induction motor 40259
Onuki, T., Wakao, S., Yamamura, T. Physical meaning of gauge conditions in eddy current analysis 44246
Onuma, Y. *see* Homma, T. 46347
Onuma, Y. *see* Nagura, Y. 11123
Onunga, J.O., Donaldson, R.W. A simple packet retransmission strategy for throughput and delay enhancement on power line communication channels 14368
Onvural, R.O. Queueing networks with finite capacities 5226
Onvural, R.O. Asynchronous transfer mode networks: performance issues 26042
Onvural, R.O. *see* Yamashita, H. 30202
Onvural, R.O. *see* Yamashita, H. 45286
Ooae, Y. *see* Yasuda, H. 27871
Oobuchi, K. *see* Nomura, T. 23509
Oogane, Y. *see* Hanashima, S. 23949
Oogi, S. *see* Azuma, T. 27889
Oogoe, T. *see* Enomoto, A. 15297
Oohama, Y. Multiterminal source coding with linked encoders 4453
Oohama, Y. Multiterminal zero error data transmission with linked encoders 4454
Oohashi, K., Shimomichi, T., Araki, S., Sato, N. High-strength spliced optical fiber manufactured using a localized carbon coating technique with a CO_2 laser 11591
Oohashi, T. *see* Seki, H. 35938
Ooi, B.-T. *see* Wang, X. 8494
Ooi, B.-T. *see* Wang, X. 8495
Ooi, B.-T. *see* Zhang, Z.-C. 8786
Ooi, B.S., Bryce, A.C., Wilkinson, C.D.W., Marsh, J.H. Study of reactive ion etching-induced damage in GaAs/AlGaAs structures using a quantum well intermixing probe 27674
Ooi, K., Hara, S., Koyama, K. Computer aided design software for designing phase-shifting masks 27850
Ooi, M. *see* Fukaumi, T. 42260
Ooi, M. *see* Ohashi, T. 6243
Ooi, T.H., Ong, J.T., Sim, G.H., Cheng, S.Y., Tan, K.P. Networking bar code system for consumer electronics manufacturing 17821
Ooi, T.H. *see* Er, M.H. 31076
Ooi, Y. *see* Hwang, J. 6441
Ooi Eng-Theam *see* Eng-Theam Ooi
Ooike, T., Ishio, S., Miyazaki, T. Magnetostriction of rapidly quenched $Tb(Fe\text{-}M)_2$ (M=Co,Ni,Mn,Cr,Ti,V) ribbons 43259
Ooishi, T., Tsukude, M., Arimoto, K., Matsuda, Y., Fujishima, K. A line-mode test with data register for ULSI memory architecture 18729
Ooishibashi, H. R&D status in Basic Technology Research Division RTRI 923
Ookawara, H. *see* Yamaguchi, R. 15137
Ooki, H. Development of optical disk technology in the 1990s 11560
Ooki, H., Komatsu, M., Shibuya, M. A novel super-resolution technique for optical lithography-nonlinear multiple exposure method 34858
Ookuma, S., Sato, K., Ide, A., Aoki, H., Akioka, T., Uchida, H. An effective defect-repair scheme for a high speed SRAM 18732
Ookura, A. *see* Sakamoto, K. 27870
Ookura, A. *see* Sakamoto, K. 27912
Oomman, B.G., Kongara, P., Mallipeddi, C. Amdahl Corporation board delay test system 1731
Oommen, A.O. *see* Basha, A.M. 9023
Oommen, B.J. *see* Zgierski, J.R. 22475
Oommen, B.J. *see* Zgierski, J.R. 45478
Oomori, T. *see* Nishikawa, K. 27693
Oomura, S. *see* Morikawa, T. 25232
Oonami, Y. *see* Miyasita, A. 47075
Oonk, H.A.J. *see* Scholten, M.J. 17262
Oono, M. *see* Sakamoto, K. 27912
Oonuma, N. *see* Ono, M. 48226
Oorschot, P.C.Van *see* Van Oorschot, P.C.
Oorschot, P.van *see* van Oorschot, P.
Oosawa, H., Kimura, G., Shioya, M., Sano, S. Improved resonant type DC/DC converter for control of a compound DC motor 17019
Oose, M. *see* Kawakubo, T. 9617
Oosenbrug, A. *see* Jakubowicz, A. 3588
Oosenbrug, A. *see* Jakubowicz, A. 43869
Oostdijk, S. *see* Bouwman, F. 2626
Oosten, J.van *see* van Oosten, J.
Oostendorp, T.F. *see* Huiskamp, G.J.M. 39048
Oosterlaken, T.G.M., Leusink, G.J., Janssen, G.C.A.M., Radelaar, S. Step coverage of tungsten films deposited by germane reduction of WF_6 18249
Oosterlaken, T.G.M. *see* Jongste, J.F. 42605
Oosterlaken, T.G.M. *see* Leusink, G.J. 828
Oosterlinck, A. *see* Li, N. 36831
Oosterlinck, A. *see* Pauwels, E.J. 30072

Oosterlinck, A. *see* Price, C.B. 4973
Oosterlinck, A. *see* Vandewalle, J. *(editor)* 9127
Oosterom, A.van *see* van Oosterom, A.
Oosting, P.H. *see* Craciun, V. 34723
Oostra, D.J., Bulle-Lieuwma, C.W.T., Vandenhoudt, D.E.W., Felten, F., Jans, J.C. β-$FeSi_2$ in (111)Si and in (001)Si formed by ion-beam synthesis 2016
Oostra, D.J. *see* Reader, A.H. 34816
Ootake, K. *see* Majima, A. 10841
Ootera, H. *see* Tanaka, K. 21333
Ootsuki, F. *see* Ideguchi, T. 14371
Oowaki, Y. *see* Hasegawa, T. 26920
Oowaki, Y. *see* Hasegawa, T. 26952
Ooyen, A.van *see* van Ooyen, A.
Opalsky, D., Humphrey, F.B. Measurement of the HBL nucleation field and VBL coercivity in magnetic garnet films 43293
Opanasenko, A.N. *see* Bulyak, E.V. 46798
Opanasenko, A.N. *see* Ivanov, G.M. 23959
Opas Chutatape *see* Song, C.B. 10580
Opas Chutatape *see* Tan Boon-Cheong 5533
Opaterny, J. *see* Wagner, J. 40245
Opaterny, J. *see* Wagner, J. 47899
Opaterny, J. *see* Wagner, J. 47918
Opatrny, J. *see* Heydemann, M.C. 33490
Opdenberg, P., Vandevelde, P. Transmission by optical fibres associated with the network of high-voltage lines 16448
Opelt, C. *see* de With, P.H.N. 38287
Ophey, W.G. Compact optical light paths 20260
Opiekun, J.W. *see* Ramos, A. 7519
Opila, R.L. *see* Gregus, J.A. 10914
Opilski, A. *see* Blahut, M. 3131
Oplustil, V. *see* Hanus, J. 13773
Oppacher, F. *see* Deugo, D. 45332
Oppelt, A. *see* Morneburg, M. 24145
Oppenheim, A.V. *see* Cuomo, K.M. 29660
Oppenheim, A.V. *see* Cuomo, K.M. 45406
Oppenheim, A.V. *see* Weinstein, E. 44828
Opper, M. Learning and generalization in a two-layer neural network: the role of the Vapnik-Chervonenkis dimension 42116
Opperman, A.P.R., Linde, L.P. Applying a transient suppression technique to emulate frequency hopping in channel simulators 12814
Oppliger, Y., Sixt, P., Stauffer, J.M., Mayor, J.M., Regnault, P., Voirin, G. One-step 3D shaping using a gray-tone mask for optical and microelectronic applications 34855
Oppo, G.-L., Brambilla, M., Lugiato, L.A. Formation and evolution of roll patterns in optical parametric oscillators 44060
Oppo, G.-L. *see* Brambilla, M. 35917
Oppo, G.-L. *see* Coates, A.B. 35650
Oprea, A.M. *see* Eggers, P.C.F. 5767
Opris, I., Kovacs, G. Improved analogue median filter 34160
Opstad, B. *see* Ildstad, E. 2724
Oraee, H. Simulation of induction machines including non linear effects 32868
Oraevsky, A.N. Nonlinear dynamics of gas-flow lasers 20616
Oraevsky, V., Chmyrev, V., Shibaev, I., Dokoukin, V., Sobolev, Ya., Shklyar, D., Lundin, B., Sadovnikov, A., Tischenko, A., Triska, P., Jiricek, F., Vojta, J., Hruska, F., Teodosiev, D. Effects of artificially injected electron beams on the characteristics of ground VLF transmitter signals in the ionosphere 21260
Orailoglu, A. *see* Karri, R. 18751
Orailoglu, A. *see* Karri, R. 18779
Orailoglu, A. *see* Karri, R. 26838
Oram, M. Supporting structures for talent development in Japan. . .foundations for better understanding 26114
Oran, E. *see* Roberge, P.R. 25646
Oranov, A.M., Andreyeva, L.N. An algorithm for the minimal partition of a set of objects 9875
Orans, R., Woo, C.-K., Pupp, R. Demand side management investment and electric power exchange 32281
Oransky, A. *see* Lebedev, V. 36855
Orava, R. *see* Huhtinen, M. 7183
Oravec, J., Veghova, K. Interactive waves in a nonlinear transmission line with NiZn ferrites 2853
Orawski, G. Overhead lines—the state of the art 7970
Orbert, C.L. Iterative methods for edge matching using distance transformations 13683
Orbert, C.L., Bengtsson, E.W., Nordin, B.G. Automated recognition and precise estimation of orientation of objects for industrial applications 30036
Orbesen, S.D. *see* Smith, H.V., Jr. 38827
Orcel, G. Dynamic fatigue of metallized fiber optics 2998
Orchard, M.T., Katsaggelos, A.K. Backward motion compensation for interlaced HDTV 45075
Orchard, S.W., Weaving, J.S. Modeling of the sodium-ferrous chloride electrochemical cell 33005
Orcutt, E.K., Marcellin, M.W. Enumerable multi-track (d, k) block codes 36518
Orcutt, E.K., Marcellin, M.W. Redundant multi-track (d, k) codes 36519
Orczyk, M.E., Zieba, J., Prasad, P.N. Photorefractivity in polymeric composite materials 44163
Orczyk, M.E. *see* Swiatkiewicz, J. 44108
Orda, A., Rom, R., Shimkin, N. Competitive routing in multiuser communication networks 30256
Orda, M.V. *see* Boiko, Y.Y. 45264
Ordano, L. Feasibility assessment of terrain data bases provided by satellite remote sensing for radio coverage predictions 37867
Ordano, L. *see* Casiraghi, U. 14438
Ordano, L. *see* Mangiamele, E. 14434
Ordano, L. *see* Mattiello, C. 14439
Orden, A. LP from the '40s to the '90s 9437
Orders, P.J. *see* Folkard, M.A. 9563
Ordille, J.J., Miller, B.P. Lost in a labyrinth of workstations 22547
Ordine, A. *see* Campajola, L. 46877
Orduna, F. *see* Kirkeby, O. 23354
Orefice, M., Pirinoli, P. Dual reflector antenna with narrow broadside beam for omnidirectional coverage 21392
Oreglia, M.J. *see* Auchincloss, P.S. 46953
Oreglia, M.J. *see* Kinnel, T.S. 38880
O'Reilly, E.P., Silver, M. Temperature sensitivity and high temperature operation of long wavelength semiconductor lasers 12224
O'Reilly, E.P. *see* Ghiti, A. 3598
O'Reilly, E.P. *see* Hawley, M. 12179
O'Reilly, J., Lane, P. Optical generation of MM-waves: a new approach 5953
O'Reilly, J., Lane, P. Optical fibre supported cable television with a MM-wave final drop 14816
O'Reilly, J.J., Lane, P.M. Delivering broadband services via fibre-MM wave radio 30293
O'Reilly, J.J., Lane, P.M., Capstick, M.H. Fibre-supported MM-waves: a flexible technology for broadband service delivery 14618
O'Reilly, J.J., Lane, P.M., Capstick, M.H., Salgado, H.M., Heidemann, R., Hofstetter, R., Schmuck, H. RACE R2005: microwave optical duplex antenna link 23036
O'Reilly, J.J., Popplewell, A., Blake, R. Forward error control for international telecommunications transmission 38062
O'Reilly, J.J. *see* Appleton, C.J. 5954
O'Reilly, J.J. *see* Appleton, C.J. 14814
O'Reilly, J.J. *see* Burns, M.J. 3334
O'Reilly, J.J. *see* Chaudhry, M.S. 27307
O'Reilly, J.J. *see* Chaudhry, M.S. 30798
O'Reilly, J.J. *see* Chaudhry, M.S. 45934
O'Reilly, J.J. *see* Darwazeh, I.Z. 5937
O'Reilly, J.J. *see* Kokkos, A. 21620
O'Reilly, J.J. *see* Lane, P.M. 30791
O'Reilly, J.J. *see* Moreira, P.M.R.S. 23040
O'Reilly, J.J. *see* Moreira, P.M.R.S. 30788
O'Reilly, J.J. *see* Moreira, P.M.R.S. 45933
O'Reilly, J.J. *see* Moura, L. 5931
O'Reilly, J.J. *see* Naderi, M. 4415
O'Reilly, J.J. *see* Salgado, H.M. 5934
O'Reilly, J.J. *see* Salgado, H.M. 23038
O'Reilly, J.J. *see* Walther, U. 5933
O'Reilly, J.J. *see* Zhang, S.L. 3526
O'Reilly, P. An overview of the potential contribution of diagnostics to improving vehicle safety and reducing vehicle emissions 48433
Orel, B. *see* Stangar, U.L. 17389
Orendi, H. *see* Aust, E. 43495
Orendi, R.G., Petras, D.S., Prokopovich, S.R., Oft, R.R. Outage optimization versus shutdown risk 39735
Orenstein, J. *see* Verghese, S. 35263
Orgeron, J. *see* Abbott, B. 7245
Orgeron, J. *see* Abbott, B. 31776
Orikasa, T. *see* Tsuzuku, A. 29314
Orimo, T. *see* Mitsubori, S. 14791
Oriolo, F. *see* D'Auria, F. 16595
O'Riordan, C., Eunson, E., Stam, E., Takahashi, K. Review of adequacy standards for generation and transmission planning 24889
O'Riordan, N. *see* Costa, V. 34341
Orisaka, S. *see* Katoh, T. 1525
Orita, N., Sasaki, T., Katayama-Yoshida, H. Electronic structure and dynamics of defect in a-Si:H by ab-initio molecular dynamics 27672
Orlandi, A. *see* Buccella, C. 40383
Orlandi, S., Macco, A. Organization of the activity for seismic qualification of structures, systems and components for existing NPP, with reference to past experience 39893
Orlando, T.P. *see* Lee, L.H. 1382
Orlando, T.P. *see* Lee, L.H. 42138
Orlando, V.A. *see* Boisvert, R.E. 39258
Orlidge, L.A. IEEE P1232 AI-ESTATE: the standard for test related AI applications takes shape 23450
Orlik, B., Langfermann, J., Kasting, J. Microcontroller-based invertors including a decentralized process control 9024
Orlikovskii, A.A. *see* Amirov, I.I. 27670
Orlikovskii, A.A. *see* Avtaeva, S.A. 27398
Orlikovskii, A.A. *see* Bogonin, I.A. 26403
Orlikovsky, A.A. *see* Kiselev, N.A. 10973
Orlin, J.B. *see* Hao, J. 26316
Orlinov, V. *see* Garnev, I. 10567
Orlitsky, A. *see* Bar-Yehuda, R. 45267
Orlitsky, A. *see* Naor, M. 36453
Orlov, A.G., Platonov, N.I. A matrix waveguide switch for millimeter band multibeam antenna systems 37959
Orlov, D. *see* Grajew, G. 37613
Orlov, D.E. *see* Sadkov, V.D. 19158
Orlov, D.E. *see* Sadkov, V.D. 19159
Orlov, L.N., Gaiko, O.L., Nevdakh, V.V., Nekrashevich, Ya.I. Optimization of discharge parameters for planar waveguide CO_2 lasers with transverse radio frequency excitation 3436
Orlov, M.I. *see* Lebedeva, V.V. 12561
Orlov, M.V. *see* Kirilenko, A.A. 21296
Orlov, N.V. *see* Eremin, Yu.A. 29156
Orlov, N.Yu. *see* Korol'kov, V.I. 12292
Orlov, N.Yu. *see* Zhebulev, I.A. 28650
Orlov, S., Psaltis, D., Neurgaonkar, R.R. Spatial and temporal characteristics of electrically fixed holograms in photorefractive strontium-barium niobate 36036
Orlov, V.B. The NK-37 gas turbine aviation-type engine for power stations 16675
Orlov, V.E. *see* Usanov, D.A. 11128
Orlov, V.I., Povstyanoi, Yu.P., Yakovlev, M.M., Yurgenson, T.S. Vibroquenching bearings of special asynchronous motor 40186
Orlov, V.S. *see* Annenkov, Yu.Z. 37958
Orlova, E.E. *see* Muravev, A.V. 43767
Orlova, N.I. *see* Zakhidov, R.A. 40068
Orlova, S.A. *see* Sud'enkov, Y.V. 18336
Orlovich, V.A. *see* Apanasevich, P.A. 3882
Orlowski, M. *see* Higman, J.M. 35015
Orlowski, M. *see* Lin, Y.-T. 2000
Orme, C., Johnson, M.D., Sudijono, J.L., Leung, K.T., Orr, B.G. Large scale surface structure formed during GaAs (001) homoepitaxy 33592
Orme, C. *see* Orr, B.G. 41352
Ormerod, R.M. *see* Horton, J.H. 33749
Ormodt, D.van *see* van Ormodt, D.
Ormond, T. Smart sensors tackle tough environments 31167
Ormondt, D.van *see* van Ormondt, D.
Ormont, N.N. *see* Kurova, I.A. 42441
Ormont, N.N. *see* Zvyagin, I.P. 35565
Ornatckii, I.A. *see* Bolkova, E.D. 31435
Orndoff, D.B. *see* Jackson, T.M. 39914
Ornstein, H.L., Zarzuela, F.J. Turbine building hazards [nuclear plants] 32599
Orobinskiy, S.P. *see* Mironov, S.A. 15057
Orofino, D.P., Pedersen, P.C. An angular spectrum technique for calculating receiver output signals for pulse-echo ultrasound insonification of elastic plates 16058
Oron, E. *see* Kumar, A. 29848
Oron, M. *see* Eger, D. 3765
O'Rourke, E., Foley, J.B. Specification, design and implementation of a digital binary image processing ASIC 45160
O'Rourke, J. *see* Magyar, G. 11646
O'Rourke, S. *see* Wallis, A.D. 39410
Orphanoudakis, S.C. *see* Gerogiannis, D. 21961
Orr, B.G., Johndon, M.D., Orme, C., Sudijono, J., Hunt, A.W. The surface evolution and kinetic roughening during homoepitaxy of GaAs (001) 41352
Orr, B.G., Sudijono, J., Johnson, M.D. The dynamical transition to step-flow growth during homoepitaxy of GaAs (001) 9594
Orr, B.G. *see* Johnson, M.D. 26399
Orr, B.G. *see* Johnson, M.D. 33614
Orr, B.G. *see* Orme, C. 33592
Orr, B.J. *see* Fix, A. 3853
Orr, B.J. *see* Haub, J.G. 3856
Orr, F.D., Lefebvre, B.J. The impact of regulation on telecommunications productivity and price performance 5281
Orr, P. *see* Babiak, R. 16496
Orr, R.S. Finite discrete Gabor transform relations under periodization and sampling 13370
Orr, R.S. Derivation of the finite discrete Gabor transform by periodization and sampling 21806
Orr, R.S. *see* Bailey, D. 38919
Orr, R.S. *see* Bailey, D. 38920
Orr, R.S. *see* Balart, R. 9496
Orrison, W.W., Jr. *see* Diegert, C. 31848
Orrman-Rossiter, K.G. *see* Bond, P. 2182
Orsak, G.C. A note on estimating false alarm rates via importance sampling 13270
Orsak, G.C. *see* Johnson, D.H. 13272
Orsal, B., Daulasim, K., Signoret, P., Alabedra, R., Peransin, J.-M. Electrical and optical noise of high power strained quantum well lasers used in erbium doped fiber amplifiers 12225
Orsal, B., Peransin, J.-M., Daulasim, K., Signoret, P., Joindot, I. Correlation between 1/f optical and electrical noises in InGaAsP substrate buried crescent (PBC) laser diodes 12226
Orsal, B., Peransin, J.M., Daulasim, K., Signoret, P., Devoldere, P., Robinet, M., Fukuda, M. Noise of 980 nm InGaAs/GaAs strained quantum well lasers and correlation with ageing 20841
Orsal, B., Peransin, J.M., Signoret, P., Daulasim, K. Low frequency noise of a 980 nm InGaAs/GaAs strained quantum well laser 3602
Orsal, B. *see* Alabedra, R. 11845
Orsal, B. *see* Vandamme, L.K.J. 19365
Orsi, G. Prospects for the introduction of environment-friendly vehicles in Florence's urban transport system 48212
Orsula, G.W. *see* Thackeray, J.W. 27970
Orszag, S.A. *see* Arnold, W.H. 11041
Orszag, S.A. *see* Barouch, E. 2358

Orszag, S.A. *see* Fib, N.K. 11063
Orszag, S.A. *see* Rothschild, M. 27946
Orszag, S.A. *see* Templeton, M.K. 2339
Ortega, A., Ramchandran, K., Vetterli, M. Optimal trellis-based buffered compression and fast approximations 47024
Ortega, A., Ramchandran, K., Vetterli, M. Digital broadcast of HDTV using multiresolution techniques 38212
Ortega, A. *see* Ramchandran, K. 31022
Ortega, A. *see* Ronda, J.I. 23315
Ortega, C. *see* Grosman, A. 34770
Ortega, C. *see* Morazzani, V. 34771
Ortega, C. *see* von Bardeleben, H.J. 42568
Ortega, J., Prieto, A., Lloris, A., Pelayo, F.J. Generalized Hopfield neural network for concurrent testing 18587
Ortega, J., Ruiz, A.L., Prieto, A., Pelayo, F.J. Test pattern generation based on Reed-Muller coefficients 18588
Ortega, J.-M. *see* Glotin, F. 3684
Ortega, J.-M. *see* Glotin, F. 43976
Ortega, J.M. Operation of the CLIO infrared laser facility 43984
Ortega, J.M. *see* Glotin, F. 7019
Ortega, J.M. *see* Jaroszynski, D.A. 44005
Ortega, J.M. *see* Prazeres, R. 43977
Ortega, R., Canudas, C., Seleme, S.I. Nonlinear control of induction motors: torque tracking with unknown load disturbance 32864
Ortega Borges, R., Lincot, D. Mechanism of chemical bath deposition of cadmium sulfide thin films in the ammonia thiourea system in situ study and modelization 18233
Ortega Borges, R. *see* Lincot, D. 26406
Ortega-Garcia, J., Alvarez-Cercadillo, J., Lopez-Gonzalo, E., Hernandez-Gomez, L.A. Robust speech recognition for word spotting 13139
Ortgies, G. Frequency dependence of slant-path amplitude scintillations 21239
Orth, J. *see* Spencer, T. 41917
Orthel, J.L. Self consistent solution of multispecies charged particle optics problems using a hybrid fluid/ray trace/Poisson-Boltzmann algorithm 46737
Orthmann, R., Schoner, H.P. Turn-off angle control of switched reluctance motors for optimum torque output 8881
Ortigoso, F. *see* Alonso, J.I. 27275
Ortigoso, F. *see* Boveda, A. 27272
Ortigoso, F. *see* Boveda, A. 33938
Ortiz, A. *see* Falcony, C. 9720
Ortiz, F.L. *see* El-Daou, M.K. 41128
Ortiz, J.C. *see* Benga, G. 30292
Ortiz, P., Delgado, V. The narrow beam attenuation curve as a means of assessing the energy imparted to a phantom by a low energy X ray beam 24192
Ortiz de Zarate, R. *see* Azpiazu, L. 25608
Ortiz Pavia, J., Gebhardt, J. Supreme versatility the LGAI high current test station in Barcelona 8688
Ortmeyer, T.H. *see* Karady, G.G. 24681
Orton, G., Peppard, L., Tavares, S. A design of a fast pipelined modular multiplier based on a diminished radix algorithm 12918
Orton, H.E. The Canadian Electrical Association: a leader in cable research 16312
Orton, H.E. *see* Buchholz, V. 16329
Orton, J.W. *see* Allen, T.J. 11777
Orton, J.W. *see* Matin, M.A. 35837
Orue, A.Y. *see* Carpinelli, J.D. 5262
Orue, A.Y. *see* Ching Yuh Jan 30168
Orue, A.Y. *see* Koppelman, D.M. 45293
Orue, A.Y. *see* Ming-Bo Lin 18622
Orudzhaliev, M.N. *see* Bushuev, V.A. 47025
Orue, I. *see* Gorria, P. 43282
Oruganti, R., Cham, Y.T. Power factor correction techniques in off-line switching power supplies 8518
Orui, T. *see* Moride, H. 13949
Orwig, R. *see* Vogel, D. 30487
Orzechowski, T. *see* Spitzer, R.C. 27991
Orzeszko, A.S. *see* Haubrich, H.J. 17532
Osa, A., Ikuta, T., Shibata, M., Miyachi, M., Yamamoto, H., Kawade, K., Kawase, Y., Ichikawa, S. Measurement of β^+-ray maximum energy with an HPGe detector 7151
Osada, H. *see* Seki, K. 7987
Osadchuk, V.V. *see* Oseledchik, Yu.S. 26398
Osaka, K. *see* Ishikawa, H. 6014
Osaka, K. *see* Kitade, S. 46475
Osaka, K. *see* Komiya, T. 5877
Osaka, T., Momma, T., Nishimura, K. Rechargeable lithium/polypyrrole battery using solid polymer electrolyte 40406
Osaka, T., Momma, T., Shiota, K., Nakamura, S. Electrochemical evaluation of a polyaniline/polypyrrole dual-layer for rechargeable lithium battery cathode 48060
Osaka, T., Zhiyu Jiang, Momma, T., Kanagawa, H. Stability of conductance in electroinactive polypyrrole 28316
Osaka, Y., Tamura, H. Magnetic field dependence of critical current density in superconducting Y-Ba-Cu-O and Bi-Sr-Ca-Cu-O films 2873
Osakabe, K. *see* Oku, K. 27418
Osaki, M., Nakagawa, M. Some ideas of modulation systems for quantum communications 23045
Osamura, K. *see* Vezin, V. 33630
Osano, K. *see* Mikami, H. 20128
Osawa, H., Hashii, M., Matsuda, N., Endoh, K. Low torque pulsation and high power control of permanent magnet motor with distorted electromotive force 25379
Osawa, H., Yamamoto, N., Okamoto, Y. A new n/m code and modified Viterbi decoding in magneto-optical recording 20290
Osawa, H., Yasui, H., Okamoto, Y. Improvement of equalization characteristics of partial response system in digital magnetic recording 20162
Osawa, H. *see* Ishikawa, K. 35137
Osawa, H. *see* Okamoto, Y. 2814
Osawa, H. *see* Okamoto, Y. 20160
Osawa, H. *see* Okamoto, Y. 20161
Osawa, H. *see* Okamoto, Y. 21858
Osawa, H. *see* Takahashi, T. 24153
Osawa, M., Arai, Y., Ando, Y., Wada, T., Stein, M.A. A superminiaturized double-balanced SMT mixer-modulator 34236
Osawa, S., Yoshimuro, M., Karita, M., Ebihara, D., Yokoi, T. Light-weight type linear induction motor and its characteristics 17535
Osawa, S. *see* Koseki, T. 48361
Osawa, T. *see* Saikatsu, T. 8965
Osawa, T. *see* Suzuki, Y. 32130
Osborg, P.Arne *see* Arne Osborg, P.
Osborn, B.E. Statistical modeling in manufacturing: adapting a diagnostic tool to real-time applications 14877
Osborn, C. *see* Perfecto, E.D. 308
Osborn, C.T. *see* Perfecto, E.D. 9255
Osborn, D.W., Sims, R.L. Implementing the power of wind energy 8254
Osborn, M.J., Wolpert, S. A VLSI-based biological interface for prosthetic devices 39097
Osborn, M.J. *see* Wolpert, S. 18930
Osborne, C. *see* McAndrew, A. 36865
Osborne, C.F. *see* Tirkel, A.Z. 45857
Osborne, D.W., Huntley, M.S., Jr. Design of instrument approach procedure charts: comprehending missed approach instructions coded in text or icons 15962
Osborne, I.S. *see* Hajto, J. 27608
Osborne, I.S. *see* Snell, A.J. 27610
Osborne, L.S. *see* Kendall, H.W. 46970
Osborne, L.S. *see* Korytov, A. 31775
Osborne, L.S. *see* Korytov, A. 46949
Osborne, M.R. *see* Gabzdyl, J. 28726
Osborne, M.R. *see* O'Key, M.A. 44136
Osborne, P. *see* Nigrin, S. 11304
Osburn, C.M., Tsai, J.Y., Wang, Q.F., Rose, J., Cowen, A. PREDICT 1.6: modeling of metal silicide processes 19484
Osburn, C.M. *see* Hong, F. 2243
Osburn, C.M. *see* Tsai, J.Y. 42615
Osburn, C.M. *see* Weinzierl, S.R. 42909
Osburn, J.D.M., Bronaugh, E.L. The 'hyper-rotated' GHz transverse electromagnetic (GTEM) cell, expanding the performance envelope 36247
Osburn, J.D.M. *see* Bronaugh, E.L. 44388
Oscar van Deventer, M., Nagel, H.G.J., van den Akker, F.M., Brinkman, R.J. Improvement of polarisation mode dispersion tolerance in high bitrate systems 38102
Oster, S., Mossman, D. Avionics architecture for performing fire control research in AH-64 aircraft 39190
Oseledchik, Yu.S., Prosvirnin, A.L., Starshenko, V.V., Osadchuk, V.V., Pisarevsky, A.I., Belokrys, S.P., Korol, A.S., Svitanko, N.V., Selevich, A.F., Krikunov, S.A. Crystal growth and properties of strontium tetraborate 26398
Osenbach, J.W. Water-induced corrosion of materials used for semiconductor passivation 19557
Osendi, M.I., Jurado, J.R. Duplex Y_2O_3-ZrO_2/Al_2O_3 nanocomposites as solid electrolytes 17333
Osenga, M. Trent industrial turbine to debut in Westinghouse power generation system 47771
Oser, R.L., Franz, T.M., Zovko, J. Aircrew coordination training for all crew members: enhancing the capability of full mission flight simulators 15951
Oser, T.M. *see* Vaman, D.R. 45694
Osete, V.H. The effects upon medium-voltage supply systems of different methods of starting large squirrel-cage induction motors 40162
Osetskaya, G.A. Detection of optical image with unknown intensity and area, when a background is present 5128
Osetskaya, G.A. Detection of optical images in the presence of spatial noise and background of unknown intensity 45262
Osga, G.A. *see* Kirkpatrick, M. 16111
Osgood, R.K. *see* Geiselman, E.E. 15961
Osgood, R.M., Jr. *see* Fink, T. 2153
Osgood, R.M., Jr. *see* Freiler, M.B. 10963
Osgood, R.M., Jr. *see* Ghandour, O.A. 34238
O'Shaughnessy *see* Changxue Ma 44778
O'Shaughnessy, D. Handling false starts in recognition of spontaneous speech 13072
O'Shaughnessy, D. *see* Boulianne, G. 29561
O'Shaughnessy, D. *see* Changxue Ma 44772
O'Shaughnessy, D. *see* Kenny, P. 29560
O'Shaughnessy, K., Barberis, E., Cartiglia, N., Dorfan, D., Grille, A., Hubbard, B., Lockman, W., Rahn, J., Rowe, B., Sadrozinski, H., Seiden, A., Spencer, N., Webster, A., Wilder, M., Zer-Zion, D., Ferrari, M., Massam, T., Zichichi, A., Ford, P., Hourican, M., Larsen, H., Nemoz, C., Schipper, J., Arneodo, M., Anzivino, G., Benotto, P., Cirio, R., Costa, M., Dughera, N., Ferrero, M.I., Giraudo, B., Lamberti, L., Maselli, S., Peroni, C., Sacchi, R., Solano, A., Staiano, A., Trapani, P., Zampieri, A., Ayad, R., Chiarini, M., Zamora, Y. Testing and installation of ZEUS leading proton spectrometer detector planes 47008
O'Shaughnessy, K. *see* Sturges, R.H., Jr. 229
O'Shaughnessy, K. *see* Ziock, H.-J. 46885
O'Shaughnessy, S.M. *see* Martin, C.M. 20950
O'Shea, C., O'Connor, P. Automatic quality control inspection of liquid crystal displays 46550
O'Shea, D. Upping the ante [network performance monitoring] 5377
O'Shea, M.E., Gibbs, J., Larsen, S.T., Morrison, I., Sendell, A.A. Cable System Monitor 16367
O'Shea, P. *see* Boashash, B. 36768
O'Shea, P.G., Bender, S.C., Byrd, D.A., Early, J.W., Feldman, D.W., Fortgang, C.M., Goldstein, J.C., Newnam, B.E., Sheffield, R.L., Warren, R.W., Zaugg, T.J. Ultraviolet free-electron laser driven by a high-brightness 45-MeV electron beam 12263
O'Shea, P.G., Bender, S.C., Byrd, D.A., Early, J.W., Feldman, D.W., Fortgang, C.M., Goldstein, J.C., Newnam, B.E., Sheffield, R.L., Warren, R.W., Zaugg, T.J. Demonstration of ultraviolet lasing with a low energy electron beam 43968
O'Shea, P.G. *see* White, C.J. 28893
O'Shea, S., Finucane, J. Generalized DQDB for metropolitan area networks 14185
O'Shea, S., Finucane, J. Reactive DQDB: a new approach to the unfairness problem 14211
O'Shea, V. *see* Beaumont, S.P. 15637
Oshi, T. *see* Yamagata, Y. 16483
Oshiba, S. *see* Arahira, S. 43900
Oshiba, S. *see* Arahira, S. 43915
Oshida, K., Ohuchi, C., Kameda, K., Ohtsuka, S., Katakami, K., Hamada, S. 21 GHz band, 200 W class traveling wave tube for communications and broadcasting engineering test satellites 19311
Oshida, K. *see* Oshima, T. 22955
Oshida, N. *see* Kuwahara, Y. 46077
Oshida, S., Taguchi, M. Minority carrier collection in 256 M-bit DRAM cell on incidence of alpha-particle analyzed by three-dimensional device simulation 18730
Oshida, Y. *see* Watanabe, M. 27847
Oshikiri, M. *see* Tsuji, H. 28422
Oshima, C.R., Lintern, G. Effects of scene content and horizon on glideslope control 24396
Oshima, H. *see* Tokumaru, H. 20430
Oshima, K. *see* Shimizu, M. 46668
Oshima, M. *see* Muramatsu, Y. 46714
Oshima, M. *see* Prabhakaran, K. 42729
Oshima, M. *see* Prabhakaran, K. 42731
Oshima, M. *see* Scimeca, T. 2144
Oshima, M. *see* Sugiyama, M. 10911
Oshima, M. *see* Watanabe, Y. 9624
Oshima, M. *see* Watanabe, Y. 41315
Oshima, S. *see* Takanashi, K. 40300
Oshima, T., Alonso, J.C., Yamada, A., Konagai, M., Takahashi, K. Low-temperature Si epitaxy by photochemical vapor deposition with SiH_2Cl_2 33626
Oshima, T., Morikawa, H., Oshida, K., Ohuchi, C., Shimada, M., Kameda, K. Planned experiments using the Communications and Broadcasting Engineering Test Satellite (COMETS) 22955
Oshima, T. *see* Alonso, J.C. 33659
Oshino, T. *see* Nagata, H. 27885
Oshinov, K. *see* Garnev, I. 10567
Oshinowo, J., Dreybrodt, J., Forchel, A., Mestres, N., Calleja, J.M., Gyuro, I., Speier, P., Zielinski, E. Photoluminescence study of implantation-induced intermixing of $In_{0.53}Ga_{0.47}As/InP$ single quantum wells by argon ions 10809
Oshio, K., Yahata, H. Chaotic current oscillations in the Gunn-effect device under the DC and the RF bias voltages 11120
Oshiro, H. *see* Nagaya, K. 8205
Oshiro, M. *see* Moura, L. 39049
Oshita, H. *see* Sato, I. 15299
Oshkanov, N.N. *see* Kochetkov, L.A. 25149
Osman, Y. Optimal sensor selection strategy for discrete-time state estimators 44857
Osiko, V.V. *see* Sigachev, V.B. 20733
Osin, I.L. *see* Moshchinskii, Yu.A. 16845
Osinski, J.S., Grodzinski, P., Zou, Y., Dapkus, P.D. Threshold current analysis of compressive strain (0-1.8%) in low-threshold, long-wavelength quantum well lasers 12112
Osinski, J.S. *see* Major, J.S., Jr. 12233
Osinski, J.S. *see* Zou, Y. 12111
Osinski, J.S. *see* Zou, Y. 20835
Osinski, M. Coupled-cavity diode lasers 28916
Osinski, M. *see* Nakwaski, W. 12191
Osinski, M. *see* Sze, T. 20830
Osinski, M. *see* Zhou, P. 3392
Osipov, D.V. *see* Bespalov, V.I. 3883
Osipov, D.V. *see* Bespalov, V.I. 21055
Osipov, S.P. *see* Nedavnii, O.I. 41542
Osipov, V.V. *see* Chishko, V.F. 11847

Osiyuk, I.N. *see* Gomenyuk, Yu.V. 10772
Oskamp, C.J. *see* Langerak, J.J. 38909
Oskar van Deventer, M. Power penalties due to reflection and Rayleigh backscattering in a single frequency bidirectional coherent transmission system 5900
Oskvig, D.H., Siegel, T.L. Sharing transmission and distribution knowledge with worldwide engineers 9155
Osman, M.A. *see* Dikmen, C.T. 42888
Osman, M.G. *see* El-Sayes, M.A. 7900
Osman, M.G. *see* El-Sayes, M.A. 8766
Osmokrovic, P., Krivokapic, I., Krstic, S. Mechanism of electrical breakdown left of Paschen minimum 43171
Ososanya, E.T., Jung-Chi Chen Parallel processing of non-uniform image motion estimation using a shared-memory multiprocessor computer and the ASIC design of the digital signal processing chip 41955
Ososanya, E.T., Jung-Chi Chen, Reyes Poo Performance evaluation of parallel fast Walsh transform algorithms on a shared-memory multiprocessor computer 44917
Osotchan, T. *see* Chin, V.W.L. 10664
Osotimehin, F. *see* Davis, C. 33291
Osredkar, R. *see* Macek, M. 42755
Ossart, F. *see* Pera, T. 44210
Osse, A.L.M., Krusius, J.P., Weinzierl, S. Accurate determination of shallow doping profiles and interface states for metal-oxide-semiconductor structures from measured capacitance-voltage data 42566
Ossi, P. *see* Laidani, N. 10810
Ossikovski, R., Drevillon, B., Perrin, J. In situ infrared ellipsometry study of the hydrogen incorporation in p-doped amorphous silicon and p-i interfaces 42642
Ossikovski, R., Shirai, H., Drevillon, B. In situ investigation of amorphous silicon-silicon dioxide interfaces by infrared ellipsometry 42589
Ossorio, P.G. *see* Erickson, J.D. 39143
Ossorio, P.G. *see* Erickson, J.D. 47161
Ostadan, F. *see* Rajagopal, R.S. 32575
Ostal'chik, P. *see* Katserka, Ya. 33093
Ostanin, V.P. *see* Alinovsky, N.I. 15330
Ostankov, A. *see* Benvenuti, A. 7252
Ostapenko, G.S., Shadrin, I.A. Unification of test data description language for measurement and simulation systems 275
Ostashev, V.E., Lebedev, E.F., Fortov, V.E. Limitations on the projectile launch velocity in magnetoplasma accelerators 29115
Ostashev, V.E. *see* Fatyanov, O.V. 29117
Ostdiek, P.H. *see* Kormanyos, B.K. 34278
Ostellina, N. *see* Curioni, A. 32644
Osten, H.J., Bugiel, E., Dietrich, B., Kissinger, W. Impurity-mediated growth and characterization of thin pseudomorphic germanium layers in silicon 41311
Osten, H.J. *see* Klatt, J. 18208
Osten, H.J. *see* Lippert, G. 33619
Osten, H.J. *see* Zeindl, H.P. 19546
Osten, W., Nadeborn, W., Andra, P. Model based compensation of distortions in 3D-shape measurement 31432
Ostendarp, H. *see* Week, M. 3940
Ostendorf, H.-C., Kusian, W., Kruhler, W., Schwarz, R. Light and current degradation of a-Si:H pin, nin and pip diodes detected with CPM 28090
Ostendorf, M. *see* Digalakis, V. 44760
Ostenstad, M. *see* Sira, T. 17314
Osterberg, J.-O. *see* Sandstrom, R. 18366
Osterberg, K. *see* Huhtinen, M. 7183
Osterberg, U. *see* Clement, D.P. 43436
Osterbrook, C. *see* Long, D.D.E. 45578
Osterfeld, M., Franke, H., Brandenburg, A. Compensation of temperature drift in leaky-mode spectra for sensor applications 46528
Osterfeld, U. *see* Jager, M. 5587
Ostergaard, A. *see* Dich, M. 21406
Ostergaard, D. *see* Gyimesi, M. 44209
Ostergaard, J.C. *see* Ralston, W.T. 5860
Osterheld, A.L., Walling, R.S., Young, B.K.F., Goldstein, W.H., Shimkaveg, G., MacGowan, B.J., Da Silva, L., London, R., Matthews, D., Stewart, R.E. Ionization balance and gain calculations for neon-like selenium X-ray laser plasmas 43721
Osteria, G. *see* Abbrescia, M. 7270
Osteria, G. *see* Agnetta, G. 31780
Osterman, D.P., Patt, R., Audley, D., Kelley, R. An X-ray microcalorimeter with kinetic inductance thermometer and DC SQUID read-out 24128
Ostermann, T. *see* Schroeder, D. 42829
Ostermayer, F.W. *see* Gregus, J.A. 29060
Ostermayer, G., Brunthaler, G., Jantsch, W., Wilamowski, Z. Influence of spatial Coulomb potential fluctuations on the mobility in $Al_xGa_{1-x}As$ with DX centers 42411
Ostermeir, R. *see* Kux, A. 28648
Ostermeyer, M. *see* Steinmeyer, G. 3486
Osterwalder, J.M., Nyland, T.W. Nonintrusive cryogenic propellant sensing with millimeter wave/EM beams 24448
Ostfeld, A., Shamir, U. Incorporating reliability in optimal design of water distribution networks—review and new concepts 9341
Ostler, F. *see* Dike, C. 10142
Ostler, J.M. *see* Adam, W. 31715
Ostler, J.M. *see* Adam, W. 46929
Ostling, M. *see* Hult, M. 27578
Ostling, M. *see* Karlin, T.E. 19631
Ostling, M. *see* Lundberg, N. 10734
Ostling, M. *see* Lundberg, N. 19415
Ostlund, S. Reduction of transformer rated power and line current harmonics in a primary switched converter system for traction applications 8932
Ostlund, S. *see* Lindahl, S. 25026
Ostmann, A. *see* Simon, J. 17884
Ostner, H. *see* Detlefsen, J.B. 4257
Ostoja-Starzewski, M. *see* Alzebdeh, K. 9491
Ostojic, P. Calculating the lifetime of silica optical fibres 35388
Ostojic, R. *see* Mandrillon, P. 6909
Ostojic, R. *see* Neskovic, N. 15583
Ostro, S.J. Planetary radar astronomy 23249
Ostro, S.J. *see* Hudson, R.S. 38199
Ostro, S.J. *see* Rignot, E.J. 14682
Ostrom, L.T. *see* Wilhelmsen, C.A. 39757
Ostrom, R. *see* Bonicelli, T. 1065
Ostrom, R. *see* Bonicelli, T. 8580
Ostroumov, A.G. *see* Vodakov, Yu.A. 28663
Ostroumov, P.N. *see* Birukov, I.N. 7104
Ostroumov, P.N. *see* Bylinsky, Yu.V. 7009
Ostroumov, P.N. *see* Dvortsov, S.V. 15462
Ostroumov, P.N. *see* Feschenko, A.V. 7092
Ostroumova, E.V. *see* Berman, L.S. 1950
Ostrout, W.H., Brown, T.L., Brown, S.E. Advanced method for determining photoresist system capability 2295
Ostroverhov, N., Popovich, N., Pyzhov, V., Zhang Minhao Digital linear electrical drive for metal strip coil telescopeness control 9025
Ostrovskii, A.I. *see* Ispirov, G.T. 28471
Ostrovskiy, A.O. *see* Ayzatskiy, N.I. 10007
Ostrovskiy, M.A. The effectiveness of a Gaussian deterministic signal detector for non-Gaussian interference 36687
Ostrovskiy, O.S. *see* Adonina, A.I. 36314
Ostrovsky, A.Yu. *see* Chaly, V.P. 43877
Ostrovsky, R., Venkatesan, R., Moti Yung Interactive hashing simplifies zero-knowledge protocol design 29496
Ostrovsky, R., Wigderson, A. One-way functions are essential for non-trivial zero-knowledge 4408
Ostrovsky, R. *see* Feigenbaum, J. 12886
Ostrovsky, R. *see* Goldwasser, S. 12926
Ostrovsky, R. *see* Naor, M. 21535
Ostrovsky, T. *see* Gui, M. 24021
Ostrovsky, T. *see* White, J.T. 31751
Ostrowsky, D.B. *see* Baldi, P. 20385
Ostrowsky, D.B. *see* Pikhtin, N. 12053
Ostry, D.I. *see* Batechlor, R.A. 5733
Osuge, M. *see* Ujihara, K. 20932
O'Sullivan, D. *see* Davison, R. 37306
O'Sullivan, D. *see* Davison, R. 45464
O'Sullivan, D. *see* Tierney, M. 37571
O'Sullivan, E.J.M. *see* Lee, K.L. 26469
O'Sullivan, J.A., Cecilia Du, K., Teichman, R.S., Miller, M.I., Snyder, D.L., Vannicola, V.C. Reflectivity models for radar target recognition 23094
O'Sullivan, J.F. *see* Burke, L.D. 25670
O'Sullivan, K. *see* Senior, J.M. 30789
O'Sullivan, P.J., Allan, D.A. GaAs-on-InP, receiver-transmitter opto-electronic integrated circuit 6030
O'Sullivan, S. *see* Jordan, K. 15295
Osumi, O. *see* Nishiwaki, H. 17385
Osvald, J., Lalinsky, T. Barrier height enhancement in WSi_x/GaAs Schottky diodes by rapid thermal annealing 10751
Osvay, K., Ross, I.N. On a pulse compressor with gratings having arbitrary orientation 28924
Oswald, B. *see* Roman, H. 24755
Oswald, B.R., Riedel, P., Schmidt, M.J.R. A simulation model for current limiting in superconductors 47535
Oswald, B.R. *see* Wehrend, H. 32210
Oswald, H. *see* Beier, J. 24203
Oswald, J.E. *see* Raisanen, A.V. 18986
Oswald, J.E. *see* Siegel, P.H. 34257
Oswald, P. On a BPX-preconditioner for P1 elements 9484
Oswald, P. *see* Griebel, M. 26386
Ota, H. *see* Sakai, K. 709
Ota, K., Kim, B., Yoshitake, H., Kamiya, N. Corrosion of Ni-Fe alloys with molten carbonate melts 40454
Ota, K., Nakamura, M., Yokokawa, H., Yoshitake, H., Abe, Y., Kamiya, N. Solubilities of manganese oxide in molten carbonate 48106
Ota, M. *see* Yamamoto, Y. 25966
Ota, S. Low insertion loss allows SAW filter to serve in high-frequency mobilecom 35204
Ota, T. Design consideration of singlemode interconnectable star coupler 5971
Ota, T., Otake, S., Iwasa, I. Metalorganic chemical vapor deposition growth of Ga-rich ($x>0.5$) $Ga_xIn_{1-x}P$ on GaAs 9626
Ota, T. *see* Kajita, T. 11057
Ota, T. *see* Sato, K. 33409
Ota, Y. *see* Maeda, M. 19076
Ota, Y. *see* Yanagihara, M. 34240
Otaka, A., Kawai, Y., Matsuda, T. Hole pattern fabrication using halftone phase-shifting masks in KrF lithography 27849
Otaka, H. Satellite TV progress stirs up development trends for signal level meters 38589
Otake, A. *see* Hara, M. 5996
Otake, A. *see* Shimizu, S. 14592
Otake, S. *see* Ota, T. 9626
Otake, T. *see* Yamazaki, H. 8978
Otani, A., Mattori, S. A method of measured linewidth correction on self-homodyne/heterodyne method 12309
Otani, K., Takasaki, H., Baschnagel, A., Watanabe, K. HQI: a new series of compact metal-halide lamps with high color rendering 8966
Otani, T. *see* Nakagomi, Y. 28141
Otani, T. *see* Nakamura, Y. 7659
Otani, T. *see* Nakamura, Y. 28334
Otani, Y., Tanahashi, A., Yoshizawa, T. Magnetic field sensing using magnetic fluids 15174
Otera, H. *see* Sakai, K. 709
Otero Arias, J. Power MOSFET transistors. I 19834
Other, H. *see* Nitzsche, G. 26237
Othman, H.A. *see* Klapper, D.B. 16152
Othman, I. A cost-effective approach to provisioning rural telecommunications via cellular and cordless technologies 5796
Othmani, A., Bovier, C., Plenet, J.C., Dumas, J., Champagnon, B., Mai, C. CdS semiconductor doped silica xerogels 632
Othmer, J. *see* Brinthaupt, D. 30972
Othonos, A., Alavie, A.T., Melle, S., Karr, S.E., Measures, R.M. Fiber Bragg grating laser sensor 15066
Othonos, A. *see* Alavie, A.T. 23655
Othonos, A. *see* Alavie, A.T. 23672
Othonos, A. *see* Mandelis, A. 12049
Otis, C.E. *see* Brunco, D.P. 6839
Oto, A. *see* Saki, M.C. 15878
Otobe, E. *see* Nakajima, J. 6165
Otobe, M., Oda, S. Separation of nucleation and growth processes of nanocrystalline silicon by hydrogen radical treatment of hydrogenated amorphous silicon 9696
Otobe, M., Oda, S. The role of hydrogen radicals in nucleation and growth of nanocrystalline silicon 26512
Otobe, Y., Ohta, M., Takahashi, H., Ogawa, K., Tanaka, N., Kohiyama, K. Development and conditions of an HDTV multimedia system 14794
Otobraev, D.K. *see* Avtaeva, S.A. 27398
Otoki, Y., Watanabe, M., Kuma, S., Takahashi, S., Onishi, M., Kashiwa, M. Properties of metal-semiconductor field-effect transistors fabricated on carbon-doped semi-insulating GaAs crystal grown by liquid encapsulated Czochralski method 2568
Otomo, A., Mittler-Neher, S., Bosshard, C., Stegeman, G.I., Horsthuis, W.H.G., Mohimann, G.R. Second harmonic generation by counter propagating beams in 4-dimethylamino-4'-nitrostilbene side-chain polymer channel waveguides 21002
Otoshi, S. *see* Ippommatsu, M. 17267
Otoshi, S. *see* Kajimura, A. 17349
Otoshi, T.Y. The effects of multipath on the measurement of antenna time delays 21396
Otsu, H. *see* Okamura, H. 31623
Otsu, N. *see* Kurita, T. 13576
Otsubo, K. *see* Shoji, H. 43837
Otsubo, M., Yoshitama, H., Hashimoto, S., Nieda, H., Uejima, M. Change of performance characteristics of gap type arresters for distribution system by repetitive operations 16460
Otsubo, M. *see* Fujita, S. 33843
Otsubo, M. *see* Izumi, S. 11246
Otsubo, M. *see* Kuragaki, T. 19425
Otsubo, M. *see* Nakahara, K. 1595
Otsuji, T.-I. A picosecond-accuracy, 700-MHz range, Si bipolar time interval counter LSI 1167
Otsuka, A. 21-inch, AC-format PDP delivers full color, fine definition 23800
Otsuka, H. *see* Morikawa, T. 7208
Otsuka, J. *see* Takahashi, M. 16900
Otsuka, K. Transverse effects on antiphase laser dynamics 12072
Otsuka, K. Ultrahigh sensitivity laser Doppler velocimetry with a microchip solid-state laser 46674
Otsuka, K. *see* Sato, K. 33409
Otsuka, K. *see* Shirai, Y. 10595
Otsuka, K. *see* Yugami, H. 23952
Otsuka, N., Yamauchi, N. Analysis of a DFB laser with nonuniform structure 3412
Otsuka, N. *see* Chang, C.L. 34676
Otsuka, N. *see* Chin, T.P. 41361
Otsuka, N. *see* Grillo, D.C. 3647
Otsuka, N. *see* Grillo, D.C. 28811
Otsuka, N. *see* Gunshor, R.L. 12251
Otsuka, N. *see* Harmon, E.S. 1855
Otsuka, N. *see* Hua, G.C. 9537
Otsuka, N. *see* Melloch, M.R. 19516
Otsuka, N. *see* Salokatve, A. 20767
Otsuka, N. *see* Tanaka, M. 6239
Otsuka, N. *see* Xie, W. 9536

Otsuka, T., Kojima, K., Okazaki, T., Iwasaki, M. Customer-oriented CIM of molded-case circuit breaker business 40358
Otsuka, T. *see* Inami, S. 2860
Otsuki, A. *see* Kawata, H.R. 34604
Otsuki, A. *see* Oku, T. 34603
Otsuki, E. *see* Hasebe, A. 11461
Otsuki, S. *see* Hirabayashi, O. 16217
Ott, H.P. *see* Babi, J. 32977
Ott, H.R. *see* Zhao, S.P. 7299
Ott, H.R. *see* Zhao, S.P. 20202
Ott, R.J. PET and SPECT functional imaging 47054
Ott, R.J. *see* Sanghera, B. 15725
Ott, U. *see* Wolf, H. 42631
Ottaviani, G. *see* Bruni, M. 42400
Ottaviani, G. *see* Clevenger, L.A. 27574
Ottaviani, G. *see* Nobili, C. 2261
Ottaviani, P. *see* Beaumont, S.P. 15637
Ottaviani, P.L. *see* Ciocci, F. 28895
Otte, R., van Roermund, A.H.M. Low-voltage, low-current, wide-range controllable current amplifier for hearing aids 33904
Otte, R.F. Multichip modules: are they for real? commercial applications—industry trends 26197
Otten, E.W. The Mainz neutrino mass experiment 47012
Otten, E.W. *see* Backe, H. 47013
Otten, G.D. *see* Albers, W. 26230
Otten, J. *see* Jermann, F. 21096
Otten, R.W., Jr. *see* Kunz, R.R. 2342
Ottenberg, K., Neumann, H., Stiehl, H.S. Quantitative description and reconstruction of intensity functions using scale-space and multiresolution processing 21998
Ottenberg, K. *see* Neumann, H. 15836
Ottens, D. *see* Virzi, R.A. 5415
Ottenwalder, D. *see* Eckel, M. 33591
Otterbach, R. *see* Gerdes, R. 6599
Otterstedt, J., Iden, H.-J., Kuboschek, M. Test and reconfiguration experiments for a defect-tolerant large area monolithic multiprocessor system 41995
Ottersten, B. *see* Stoica, P. 36759
Ottersten, B. *see* Viberg, M. 29617
Ottersten, B.E. *see* Strom, E.G. 45304
Ottesen, D.K. *see* Friedmann, T.A. 9681
Ottevangers, J. *see* Morched, A. 25493
Ottevangers, J.H. *see* Morched, A.S. 24599
Otting, W.D., Hunt, M.E., Ashe, T.L. Modular DIPS, 2.5-kWe modules for lunar Mars surface applications, design point selection summary 7512
Otting, W.D. *see* Harty, R.B. 39306
Ottinger, C., Slenczka, A., Wulfmeyer, V. Development and theoretical modeling of a broadband, tunable, pulsed dye laser 43746
Otto, A.C. *see* Pretorius, P.H. 24248
Otto, G.P., Weng Cho Chew Microwave inverse scattering — local shape function imaging for improved resolution of strong scatterers 36976
Otto, H.H., Loster, P. Ferroelectric $Pb_5\ _xBi_x(Ge,Si)_3\ _xB_xO_{11}$ single crystal as a material for IR radiation detectors 11362
Otto, M.D. *see* Colby, R.S. 8822
Otto, P., Wagner, H.G., Mol, M., Bettendroffer, E. ERATOM safeguards experience with second generation computer aided video surveillance systems 31044
Ottoboni, R. *see* Cristaldi, L. 47588
Ottoboni, R. *see* Gandelli, A. 23543
Ottoboni, S. *see* Lau, J. 42296
Ottoboni, V. *see* Martini, I. 28399
Ottolenghi, P., Jourdan, A., Jacquet, J. All-optical wavelength conversion with extinction ratio enhancement using a tunable DBR laser 28878
Otton, R. DOSEC DCOM-001 dual channel fibre optic modem 38049
Otugen, M.V. *see* Papadopoulos, G. 6348
Otuka, K. *see* Kobayashi, M. 25507
Otung, I.E., Ahmed, B., Mahmoud, M., Evans, B.G. Diurnal variation of 20 GHz amplitude scintillation intensity 21256
Otung, I.E., Mahmoud, M., Evans, B.G. Ka-band satellite signal propagation measurements at Guildford: experimental design and preliminary scintillation results 4106
Otung, I.E. *see* Ahmed, B. 22961
Ou, H.J. *see* Lu, W. 46496
Ou, S.S., Yang, J.J., Jansen, M. 635 nm GaInP/GaAlInP surface-emitting laser-diodes 12221
Ou, S.S., Yang, J.J., Jansen, M. High power short-wavelength surface-emitting laser diodes 20861
Ou, S.S. *see* Bowler, D.P. 20937
Ou, S.S. *see* Jansen, M. 20847
Ou, S.S. *see* Mawst, L.J. 12182
Ou, W. *see* Rosenbaum, F.J. 1308
Ou-Yang Zhong-can *see* Zhong-can Ou-Yang
Ouabbou, A., Martinez, J.P., Lalanne, F., Gerard, P., Balladore, J.L. Proximity effects in electron beam lithography in SAL 601 resists on a Si-SiO_2-Si substrate 11098
Ouacha, A., Willander, M., Hammarlund, B., Logan, R.A. Collector-emitter offset voltage in InP/InGaAs single and double heterojunction bipolar transistors 19784
Ouadi, A., Bourdoucen, H. Effects of side wall grooves and metallization thickness on the dispersion characteristics of finline structure 27125
Oualid, J. *see* Ciantar, E. 2522
Oualid, J. *see* Moragues, J.M. 11219
Ouazanne, A.K. *see* Laws, E.M. 46683
Ouchi, M., Lee, H.J., Komaki, S., Morinaga, N. Proposal for modulation level controlled radio system applied to ATM networks 14421
Ouchida, H. *see* Matsukawa, F. 6706
Oudar, J.-L. *see* Masetti, F. 37658
Oudar, J.L., Pellat, D., Kuszelewicz, R., Azoulay, R. Strained multiple quantum well all-optical bistable microcavity operating at 980 nm 20947
Oudar, J.L. *see* Rivera, T. 35963
Ouden, A.H.den *see* den Ouden, A.H.
Ouellette, F. *see* Brun, L. 3016
Ouellette, F. *see* Stepanov, D.Yu. 11608
Ouellette, F. *see* Thibault, S. 43441
Ouennoughi, Z. *see* Bouziane, A. 26476
Ougazzaden, A. *see* Chelles, S. 35487
Ougazzaden, A. *see* Devaux, F. 35619
Ougazzaden, A. *see* Devaux, F. 43523
Ougazzaden, A. *see* Grabmaier, A. 37992
Ougazzaden, A. *see* Mathoorasing, D. 35781
Oughstun, K.E., Laurens, J.E.K., Balictsis, C.M. Asymptotic description of electromagnetic pulse propagation in a linear dispersive medium 44311
Ouhyoung Ming *see* Ming Ouhyoung
Ouisse, T., Becourt, N., Jaussaud, C., Templier, F. Low-frequency, high-temperature conductance and capacitance measurements on metal-oxide-silicon carbide capacitors 19476
Ouisse, T. *see* Billon, T. 28156
Oujia Pan *see* Pan Oujia
Oukaour, A., le Pioufle, B., Louis, J.-P., Forest, F. State feedback analog control for variable frequency converters 16986
Ould Salem, S., Moretti, P., Canut, B., Wirl, K., Hertel, P. Stability of optical waveguides in $LiNbO_3$ fabricated by proton implantation 35429
Oura, T. *see* Ito, S. 19230
Ourfalian, S. Successful implementation of SPC in semiconductor final test 247
Ourmazd, A. *see* Warwick, C.A. 10794
Oury, B.A. *see* Pimenov, Yu.V. 44278
Ouseb Lee *see* Yao Wang 36830
Ousten, Y., Bechou, L., Xiong, N. Simulation of assembly generated constraints on ceramic capacitors during SMT processing and size optimization of the capacitors by design of experiments 10571
Outer, F.R.den *see* den Outer, F.R.
Ouvrard, P.-L., Parisot, M., Gourrier, S. Microwave integrated circuits 19116
Ouvrard, V., Siohan, P. Design of two-dimensional video filters with spatial constraints 14788
Ouwens, C.D. Cheap electricity with autonomous solar cell systems 17383
Ouwens, C.Daey *see* Daey Ouwens, C.
Ouwens, J.D., Schropp, R.E.I., Van Der Werf, C.H.M., Von Der Linden, M.B., Maree, C.H.M., Van Der Weg, W.F., Rava, P., Demichelis, F., Pirri, C.F., Tresso, E. Effects of electrode spacing and hydrogen dilution on a-SiC:H and a-Si:H layers 26483
Ouwens, J.D. *see* Von Der Linden, M.B. 33029
Ouwens, J.Daey *see* Daey Ouwens, J.
Ouyang Bin, Zu Zhizhan, Lin Lihuang, Cheng Shisheng, Ly Haihe, Fan Pinzhong, Li Yaolin, Li Ruxing, Lu Peixiang, Li Minfu, Jiang Yunhua Intense laser source for X-ray laser research and laser-plasma study 3557
Ouyang Changyi *see* He Jinliang 8015
Ovadia, B.-S. *see* Berger, S. 37359
Ovadia, S., DeChiaro, L.F., Sandroff, C., Schiavone, L. Evidence of stress-induced spectral changes in semiconductor lasers by electroluminescence 28881
Ovaska, S.J., Vainio, O. A class of recursive Newton-type polynomial extrapolation filters 13450
Ovaska, S.J. *see* Laakso, T.I. 13234
Ovcharenko, A.E. *see* Vasil'ev, A.S. 33890
Ovcharenko, L.A., Poddubniy, V.N. The reception noise-immunity of phase-shift keyed signals against a background of more unfavorable interference 14404
Ovchinnikov, A.A., Svetikov, Yu.V., Sinev, S.G. A method of optimizing the parameters of a line channel of a wavelength-division multiplexed optical-fiber transmission system 30760
Ovchinnikov, A.A., Svetikov, Yu.V., Sinev, S.G., Bordyug, I.B. Features of the propagation and interaction of optical signals in single-fiber transmission systems with wavelength division multiplexing 23047
Ovchinnikov, I.B. *see* Bakuta, V.G. 38766
Ovchinnikov, V.V. *see* Astakhov, Yu.N. 24995
Ovchinnikov, V.V. *see* Vasilyev, E.N. 25789
Ovchinnikov, V.V. *see* Vasilyev, E.N. 25844
Ovenden, N.A., Sauba, R.N. The use of combustion sensors in domestic gas appliances 46532
Overbeck, J.A., Mark, M.B., McCracken, S.H., McManamon, P.F., Duncan, B.D. Coherent versus incoherent ladar detection at 2.09-μm 14710
Overbeeke, K. *see* Smets, G. 40897
Overgaauw, B., Ambrosius, B.A.C., Wakker, K.F. Analysis of the EUREF-89 GPS data from the SLR/VLBI sites 39349
Overmeire, F.Van *see* Van Overmeire, F.
Overmeyer, L. *see* Tonshoff, H.K. 21142
Overstraeten, R.J.Van *see* Van Overstraeten, R.J.
Overstraeten, R.Van *see* Van Overstraeten, R.
Overton, E. *see* Hammoud, A.N. 43150
Overwijk, M.H.F., de Poorter, J.A. High-quality focused-ion-beam-made mirrors for InGaP/InGaAlP visible-laser diodes 20897
Overwijk, M.H.F., van den Heuvel, F.C. A macroscopic model for focused-ion-beam-induced deposition 808
Overwijk, M.H.F., van den Heuvel, F.C., Bulle-Lieuwma, C.W.T. Novel scheme for the preparation of transmission electron microscopy specimens with a focused ion beam 27445
Ovsenik, T. *see* Copic, M. 12321
Ovshinsky, S.R., Dhar, S.K., Venkatesan, S., Fetcenko, M.A., Gifford, P.R., Corrigan, D.A. Performance advances in Ovonic nickel-metal hydride batteries for electric vehicles 48332
Ovsjannikov, N.I. *see* Gorshkov, Yu.A. 25817
Ovsyannikov, A.L., Safronova, O.N., Zubtsov, V.M. Efficiency of organic fuel fired combined power plant with closed cycle MHD-generator 25319
Ovsyannikov, A.L. *see* Zubtsov, V.M. 25833
Ovsyannikov, A.L. *see* Zubtzov, V.M. 25823
Ovsyannikov, A.V. *see* Cherdyntsev, V.A. 22777
Ovsyannikov, G.A., Ivanov, Z.G., Claeson, T., Mygind, J., Pedersen, N.F. Observation of millimeter radiation from two-dimensional arrays of high-temperature superconducting Josephson junctions 20182
Ovsyannikov, G.A. *see* Babayan, G.E. 20183
Ovsyannikov, V.A. *see* Aleev, R.M. 15090
Ovsyannikov, Yu.V. *see* Antyufeev, V.I. 29739
Ovsyannikova, L.P., Pasovets, S.V., Fishkova, T.Ya. Energy filter in the form of a cylindrical condenser with end diaphragms 27326
Ovtchinnikov, A. *see* Nappi, J. 35897
Ovtchinnikov, A. *see* Pessa, M. 12242
Ovtchinnikov, A. *see* Zhang, G. 12128
Ovtchinnikov, A. *see* Zhang, G. 12211
Ovtchinnokov, A. *see* Zhang, G. 12187
Ovvyan, P.P., Smirnov, V.I. Calculation of the noise immunity of soliton optical-fiber transmission systems 23048
Owa, H. *see* Ichimura, I. 20423
Owada, N. *see* Saito, T. 42770
Owada, N. *see* Tanigawa, S. 10732
Owadano, Y. Overview of the pulsed power technology 40331
Owadano, Y., Okuda, I., Matsumoto, Y., Matsushima, I., Koyama, K., Tomie, T., Yano, M. Performance of the ASHURA KrF laser and its upgrading plan 3424
Owadano, Y. *see* Matsushima, I. 3427
Owaki, K. *see* Yokoyama, M. 46720
Owashi, H. *see* Hosokawa, K. 31055
Owashi, H. *see* Kondo, K. 30986
Owczarek, J.A. Coating of electronic components by the RTV dispersion. I. Physical model of the deposition process determined by drop tests 318
Owczarek, J.A. Coating of electronic components by the RTV dispersion. II. Determination of the residual yield stress after deposition, and method to produce a drop of required cured skin thickness and diameter 319
Owczarski, T. *see* Gilewicz, B. 48157
Owechko, Y. Optical implementation of back-propagation neural networks using cascaded-grating holography 3253
Owechko, Y. Holographic neural networks: a systems perspective 11788
Oweis, S.M., Embrey, J., Willson, J., Alunans, P. Rechargeable lithium-aluminum/iron sulfide batteries for high energy density 17255
Owen, A.E. *see* Hajto, J. 27584
Owen, A.E. *see* Hajto, J. 27608
Owen, A.E. *see* Hajto, J. 27611
Owen, A.E. *see* Holmes, A.J. 27117
Owen, A.E. *see* Snell, A.J. 27610
Owen, C.H. *see* Davis, J.W. 15843
Owen, D.K. *see* Groutage, D.F. 6151
Owen, E.L. Synchronous motors for AC adjustable-speed drives 8805
Owen, F., Geoffray, C. The DECT standard in local loop access applications 14086
Owen, F. *see* Dijkstra, S. 37365
Owen, G. Proximity effect correction in electron beam lithography II 2317
Owen, G. Proximity effect correction in electron-beam lithography 11037
Owen, G., Grenville, A., von Bunau, R., Jeong, H., Markle, D.A., Pease, R.F. The effect of gaps in Markle-Dyson optics for sub-quarter-micron lithography 27842
Owen, G. *see* Grenville, A. 27943
Owen, G. *see* Jeong, H. 27938
Owen, G. *see* von Bunau, R.M. 27844
Owen, H., Klett, T. Synchronous digital hierarchy statistical simulation of pointer activity 14561
Owen, H.L. VLSI architecture for switch-level simulation 18405
Owen, H.L. Synchronous digital hierarchy network modeling 37180

Owen, H.L., Klett, T.M. Synchronous digital hierarchy network pointer simulation 30278
Owen, H.L., Wulf-Mathies, C. Synchronous digital hierarchy optical metropolitan network ring traffic analysis 37369
Owen, J.C., III *see* Allen, R.A. 6778
Owen, J.V. Make your mark [product marking] 3948
Owen, M.J. *see* Smith, P.J. 35178
Owen, R.L., Myers, W.E. BPA pre-college math, science and engineering education activities—collaborative outreach for K-12 26112
Owen, V.M. Biosensors—the needs of the healthcare market 23731
Owens, B.B. Rechargeable lithium polymer electrolyte batteries 17206
Owens, B.B. *see* Atanasoski, R.T. 40448
Owens, D.H. *see* MacConnell, P.F. 48480
Owens, D.R. *see* Delleney, R.D. 8177
Owens, R.A. Feature-free images 22253
Owens, R.A. *see* Huynh, D.Q. 45187
Owens, R.M., Kelliher, T.P., Irwin, M.J., Vishwanath, M., Bajwa, R.S., Yang, W.-L. The design and implementation of the Arithmetic Cube II, a VLSI signal processing system 36683
Owens, R.M. *see* Gueesang Lee 33829
Owens, R.M. *see* Vishwanath, M. 4596
Owens, T. *see* Rose, M.F. 32983
Owens, W. Industrial recorders get a technology overhaul 46541
Owens, W.R., Hirschenhofer, J.H., Weinstein, R.E. Integrated MHD clean coal initiative 25309
Owens, W.R. *see* Der, V.K. 25368
Owicki, S.S. *see* Anderson, T.E. 30397
Owings, H.B., Koppang, P.A., MacMillan, C.C., Peters, H.E. Experimental frequency and phase stability of the hydrogen maser standard output as affected by cavity auto-tuning 23387
Owirka, G.J. *see* Kreithen, D.E. 6116
Owirka, G.J. *see* Novak, L.M. 7682
Owirka, G.J. *see* Novak, L.M. 30874
Owren, B. *see* Muir, P. 9473
Oxley, J., Whittle, G. Some excluded-minor theorems for a class of polymatroids 26314
Oxley, J.E., Ekern, R.J., Dittberner, K.L., Spellman, P.J., Larsen, D.M. Magnesium dry cells 17161
Oxley, J.E. *see* Larsen, D.M. 17162
Oxley, M. *see* Calvin, J. 27115
Oxley, M. *see* Colombi, J. 29546
Oxley, M. *see* Geurts, J. 5076
Oxley, M.E. *see* Burns, T.J. 36785
Oxley, M.E. *see* Fielding, K.H. 29863
Oxley, M.E. *see* Lee, J.K. 4592
Oxley, M.E. *see* Montera, D.A. 36860
Oxley, M.E. *see* Montera, D.A. 47320
Oxoby, G., Claus, R., Eisen, N., Fox, J., Hindi, H., Hoeflich, J., Olsen, J., Sapozhnikov, L., Linscott, I. Bunch-by-Bunch feedback for PEP II 6999
Oxoby, G. *see* Fox, J.D. 6966
Oyaizu, I. *see* Matsumoto, H. 30556
Oyaizu, I. *see* Tanaka, K. 22669
Oyama, B.K., Wong, B.P. GaAs HBT's for analog circuits 28257
Oyama, H. *see* Moura, L. 39049
Oyama, J., Higuchi, T., Abe, T., Yamada, E. Analysis of characteristics of half-wave rectified brushless synchronous motor with permanent magnets 16819
Oyama, J., Higuchi, T., Abe, T., Yamada, E., Shibahara, K. Principle and characteristics of a new type AC servo motor 'VARIFIELD' 8352
Oyama, J., Higuchi, T., Tsukamoto, R., Haraguchi, T., Yamada, E., Koga, T. Steady state characteristics of PWM matrix converter 25537
Oyama, J., Higuchi, T., Tsukamoto, R., Yamada, E., Koga, T. Power factor improvement of PWM matrix converter using intermediate voltage 17017
Oyama, J. *see* Izumi, K. 9952
Oyama, J. *see* Tsuji, M. 16869
Oyama, J. *see* Tsuji, M. 25429
Oyama, N. *see* Okuno, A. 383
Oyama, N. *see* Sotomura, T. 48061
Oyama, T. Fault section estimation in power system using Boltzmann machine 16431
Oyama, T., Horiguchi, A. Studies on fault section estimation in power system by discrimination analysis 39684
Oyama, T., Karube, T. Fast parallel algorithm on sparse matrix for power system analysis 16203
Oyama, T. *see* Fujimoto, R. 25964
Oyama, T. *see* Satoh, H. 32194
Oyamada, K. *see* Maeda, M. 46229
Oyamada, K. *see* Maeda, M. 46239
Oyamada, R. *see* Shimizu, M. 46668
Oyamada, S. *see* Takahashi, N. 45451
Oyamatsu, H. *see* Azuma, T. 27889
Oyanagi, E. *see* Uchiyama, H. 11494
Oyang, J.Y. *see* Eigen, G. 7170
Oymak, O. *see* Selcuk, N. 32662
Oyola, D. *see* Prieto, P. 11519
Ozaki, A., Asai, M., Yamakita, J., Sawa, S. Analysis of ferrite slab waveguides with resistive strip gratings 21360
Ozaki, H. *see* Fukunaga, C. 46852
Ozaki, H. *see* Makishi, Y. 31837
Ozaki, H. *see* Saitoh, Y. 7254
Ozaki, H. *see* Saitoh, Y. 46854
Ozaki, H. *see* Tanaka, M. 46975
Ozaki, H. *see* Tanaka, M. 46988
Ozaki, H. *see* Yamagata, T. 18737
Ozaki, M. *see* Itakura, K. 38565
Ozaki, M. *see* Uchiyama, Y. 43550
Ozaki, T. Ceramic capacitors conform to chip-format trends, aiding set makers 34291
Ozaki, T. *see* Horie, H. 30365
Ozaki, T. *see* Naoi, S. 4945
Ozaki, T. *see* Takayama, K. 43696
Ozaki, Y., Goto, A. Processing technologies and characteristics of die-sinking EDMs [electric discharge machines] 25973
Ozaki, Y., Tomizawa, F., Kawatsu, H., Goto, A. Characteristics and application engineering of die-sinking electrical discharge machines 25963
Ozaki, Y. *see* Goda, Y. 25020
Ozaki, Y. *see* Goda, Y. 32417
Ozaki, Y. *see* Kubota, H. 7346
Ozaki, Y. *see* Kubota, H. 7505
Ozaki, Y. *see* Minemoto, H. 36005
Ozaktas, H.M., Goodman, J.W. Some physical considerations on digital optical computing 11741
Ozanam, F. *see* Chazalviel, J.-N. 10955
Ozard, J.M., Wilmut, M.J., Berryman, D.G., Zakarauskas, P. A nearest neighbor algorithm for fast matched-field processing with a vertical line array 4668
Ozard, J.M. *see* Dosso, S.E. 4665
Ozasa, K., Tianchun Ye, Aoyagi, Y. Deposition of gallium oxide and indium oxide on GaAs for in situ process use by alternating supply of TEGa, TMIn, and H_2O_2 as surge pulses 26450
Ozasa, K., Ye, T., Aoyagi, Y. Composition change of indium oxide film by triethylgallium irradiation prepared for in situ selective epitaxy use 9520
Ozawa, A. *see* Nakamura, T. 12652
Ozawa, K. *see* Komiya, T. 5877
Ozawa, M., Hiei, F., Takasu, M., Ishibashi, A., Akimoto, K. Low resistance Ohmic contacts for *p*-type ZnTe 42548
Ozawa, M. *see* Itoh, S. 3664
Ozawa, M. *see* Nakayama, N. 20768
Ozawa, M. *see* Okuyama, H. 43839
Ozawa, N. *see* Ikegami, N. 27692
Ozawa, N. *see* Sawada, M. 42953
Ozawa, S. Compression coding technology of speech signal 4473
Ozawa, S. *see* Hwang, J. 6441
Ozawa, S. *see* Nohsoh, K. 4955
Ozawa, S. *see* Uenoyama, T. 29725
Ozawa, T. Key technologies to provide high performance a-Si:H TFT image sensor 31320
Ozbay, E. *see* Chow, D.H. 11124
Ozbay, E. *see* Li, K.D. 23592
Ozbayoglu, M.A. *see* Rosandich, R.G. 17823
Ozbek, F.O., Wagh, M.D. A parallel Hough transform algorithm for nonuniform images 45033
Ozcalik, H.R. *see* Jones, O.C. 31509
Ozcalik, H.R. *see* Yilmaz, M. 31419
Ozcan, M., Pantell, R.H. The free-electron laser in a symmetrical confocal resonator 28920
Ozcelik, T., Katsaggelos, A.K. Robust motion vector prediction algorithms with application to very low bit rate image sequence coding 36818
Ozdamar, O. *see* Paige, A.L.B. 24294
Ozdemir, S., Altindal, S. Temperature dependent electrical characteristics of Al-SiO_x-pSi solar cells 40493
Ozeki, H. Protocol and API necessary for PC-ISDN telecommunication 22630
Ozeki, K. Membrane switches withstand hard use in ECR, POS equipment 27336
Ozeki, K. *see* Ohsawa, M. 38256
Ozeki, K. *see* Onozuku, T. 22655
Ozeki, O. *see* Tsukada, T. 45113
Ozeki, O. *see* Tsukada, T. 46497
Ozeki, S., Ikeuchi, N. Customer service evaluation in the telephone service provisioning process 5402
Ozeki, S. *see* Shirakawa, M. 29370
Ozeki, T. Ultra optoelectronic devices for photonic ATM switching systems with tera-bits/sec throughput 45970
Ozeki, T., Kudo, T. Improvement of receiver sensitivity with pre-EDFA by optical pulse equalization 38097
Ozeki, T. *see* Nakao, M. 38101
Ozeki, T. *see* Suzuki, N. 23030
Ozekici, S., Li, J., Chou, F.S. Queues with impolite customers 41044
Ozergun, N. Determination of the generalized capacitance matrix for systems of bare and dielectric-coated cylindrical conductors by a method of moments 21293
Ozerov, M.I. *see* Bratash, V.A. 40686
Ozerov, M.I. *see* Varchenko, V.K. 40615
Ozerov, M.I. *see* Zhaboev, M.N. 40689
Ozerov, V.I. *see* Varchenko, V.K. 40615
Ozgen, M.T. *see* Alshebeili, S.A. 4721
Ozgun, H. *see* Lam, L.T. 40415
Ozguner, F. *see* Bataineh, A. 26872
Ozguner, F. *see* Bataineh, A. 33814
Ozguner, U. *see* Clancy, D. 47210
Ozguner, U. *see* Schoenwald, D. 24435
Ozguner, U. *see* Su, W.-C. 25456
Ozguz, V.H., Krishnakumar, S., Lee, S.H. Ferroelectric thin films for smart spatial light modulator applications 35502
Ozguz, V.H. *see* Wang, J.H. 28161
Ozhogin, V.I. *see* Itoh, K.M. 19322
Ozin, B. *see* Saki, M.C. 15878
Ozin, G.A. *see* Bowes, C.L. 873
Ozkan, M.K., Sezan, M.I., Tekalp, A.M. Adaptive motion-compensated filtering of noisy image sequences 21967
Ozkul, C. *see* Lebrun, D. 46623
Oznovich, I., Ravitz, A., Tur, M., Glaser, I., Huffman, R.E., Eastes, R.W., Quesada, A.F. Far ultraviolet remote sensing of ionospheric emissions by Polar BEAR 29889
Ozolin'sh, E.A. *see* Ionin, G.L. 13940
Ozols, A., Salminen, O., Reinfelde, M. Relaxational self-enhancement of holographic gratings in amorphous As_2S_3 films 44154
Ozols, J., Pedersen, D.A. Fault tolerant virtual machine architecture for advanced avionics applications 39270
Ozono, S. *see* Kato, J. 20499
Ozono, S. *see* Takamasu, K. 38695
Ozsan, M.E. *see* Saraby-Reintjes, A. 9673
Ozturk, A. *see* Chakravarthi, P.R. 23109
Ozturk, C. *see* Sanganeria, M.K. 670
Ozturk, M.C. *see* Ashburn, S.P. 2222
Ozturk, M.C. *see* Ashburn, S.P. 2552
Ozturk, M.C. *see* Grider, D.T. 2039
Ozturk, M.C. *see* Grider, D.T. 9776
Ozturk, M.C. *see* Johnson, F.S. 19792
Ozturk, M.C. *see* Ren, X. 2530
Ozturk, M.C. *see* Sanganeria, M.K. 712
Ozturk, M.C. *see* Sanganeria, M.K. 833
Ozturk, M.C. *see* Xing, G.C. 800
Ozturk, M.C. *see* Xing, G.C. 10977
Ozturk, M.C. *see* Xu, X. 835
Ozturk, M.C. *see* Xu, X.-L. 9724
Ozue, T. *see* Narahara, T. 20285

Paakkari, J., Moring, I. Method for evaluating the performance of range imaging devices 6144
Paal, A. *see* Abrahamsson, K. 15584
Paans, A.M.J., Schippers, J.M. Proton therapy in combination with PET as monitor: a feasibility study 15733
Paap, K.L., Dehlwisch, M., Jendges, R., Klaassen, B. Simulation and modeling—modeling mixed systems with SPICE3 982
Paar, G. *see* Polzleitner, W. 45122
Paar, H. *see* Carey, R. 31749
Paar, H. *see* Young, K.G. 7242
Paar, U., Ritter, W., Klein, K.F. Excitation dependent losses in plastic optical fibers 3048
Pabst, J.van Lawick van *see* van Lawick van Pabst, J.
Pac, C. *see* Yonehara, H. 12392
Pacaud, A. *see* Bareau, P. 29230
Paccad, D. *see* Blache, C. 4024
Paccagnella, A. *see* Bacchetta, N. 38865
Paccagnella, A. *see* Bacchetta, N. 46842
Paccagnella, A. *see* Labat, N. 19887
Paccagnella, A. *see* Tedesco, C. 2571
Paccard, D. *see* Blache, C. 4023
Pace, A.Di. *see* Castellano, M. 6925
Pace, C. *see* Arnone, C. 34458
Pace, G. *see* Waite, P.P. 17462
Pace, M.O. *see* Alexeff, I. 11375
Pace, M.O. *see* Dorris, D.L. 43152
Pace, N.G. Ultrasonic surveying of fully charged sewage pipes 46115
Pace, P. *see* Wong, S.K. 44062
Pace, P.W. *see* Fournier, G.R. 16008
Pace, R., Paix, D., Haskard, M. Alpha radiation detection using silicon memory chips-preliminary studies 7509
Pace, S.E. *see* Massi, F. 32653
Pace, S.E. *see* Sopocy, D.M. 39559
Pace, S.J. *see* Larsen, T.L. 20288
Pacer, M. *see* Kanber, H. 41296
Pach, A.R., Palazzo, S., Panno, D. Slot pre-using in IEEE 802.6 metropolitan area networks 22519
Pachan, M. Use of accelerators for environmental protection 6916
Pachan, M. *see* Izewska, J. 7472
Pache, R. *see* Pardoen, M. 46191
Pachebutas, V., Shimkiene, I., Gulbinaite, D., Bikulchius, E., Pashishkevichius, V., Krotkus, A. Electrical and photoelectrical properties of porous silicon diode structures 10725
Pacheco, F.J. *see* Molina, S.I. 34586
Pacheco, M., Treleaven, P. A RISC architecture to support neural net simulation 20008
Pacholski, K. The employment of a trapezoid signal for the accuracy assessment of voltage measuring converters of an average and RMS value 6714
Pacholski, K. Frequency properties correction of root-mean-square voltage converter with logarithmic functional systems 9957
Pacholski, K. *see* Witek, W. 6725

Pachter, R., Patnaik, S.S., Crane, R.L., Adams, W.W. New smart materials: molecular simulation of nonlinear optical chromophore-containing polypeptides and liquid crystalline siloxanes 20233
Pack, G. Creepage extender improves insulator performance 16401
Pack, G. *see* Kirby, S. 23410
Pack, R.C. *see* Connors, J.E. 2344
Packan, P.A. *see* Griffin, P.B. 34684
Packard, W.E. *see* Tsai, M.-H. 19596
Packer, M.J., Powers, R.A., Tsitsopoulos, A.P. Graphical shell for Numerical Electromagnetics Code 44559
Packer, M.J. *see* Merrill, S.C. 44581
Packman, A., van Doorn, J., Onslow, M. Stuttering treatments; what is happening to the acoustic signal? 15892
Packwood, D.L. *see* Lau, C.K. 11329
Pacquet, J.Y. *see* Sortais, P. 15591
Padamsee, H. Review of the superconducting approach to linear colliders 15374
Padamsee, H., Akai, K., Barnes, P., Fox, W., Hartung, W., Kirchgessner, J., Moffat, D., Metzger, D., Muller, H., Nordberg, E., Sears, J., Tigner, M., Veserevich, V. Superconducting RF for CESR-B—recent progress at Cornell 6995
Padamsee, H., Barnes, P., Chen, C., Hartung, W., Kirchgessner, J., Moffat, D., Ringrose, R., Rubin, D., Samed, Y., Saraniti, D., Sears, J., Shu, Q.S., Tigner, M. Design challenges for high current storage rings 15428
Padamsee, H. *see* Moffat, D. 15431
Padberg, H.J. System engineering applied to grinding tools 26182
Padden, R.J. *see* Taylor, E.W. 11711
Paddock, C. *see* Foster, E. 33364
Paddock, C. *see* Wirzbicki, M.A. 19681
Paddon, P. *see* Ait-Ameur, K. 35934
Pade, O., Mandelis, A. Computational thermal-wave slice tomography with backpropagation and transmission reconstructions 29804
Padeletti, G. *see* Nguyen-Van-Dau, F. 15029
Paderin, V.A. *see* Boev, S.G. 38665
Padet, C. Informational observation theory: an extension to two discrete sets of events 4357
Padgett, M.J. *see* Colville, F.G. 44054
Padias, A.B. *see* Kippelen, B. 2930
Padias, A.B. *see* Kippelen, S.B. 20294
Padilla, P.A. *see* Miner, P.S. 34137
Padilla, T. *see* Stefanakos, E. 48289
Padin, S. Stable differential radiometer 30937
Padin, S., Clark, T.S., Ewing, M.S., Finch, R.P., Lawrence, R.P., Navarro, J., Scott, S.L., Scoville, N.Z., Seelinger, C., Seling, T.V. A high-speed digital correlator for radio astronomy 14742
Padiyar, K.R., Geetha, M.K. Analysis of torsional interactions with power system stabilizer 24595
Padiyar, K.R., Kalyanaraman, V. Power flow analysis in MTDC-AC systems—a new approach 47353
Padiyar, K.R., Sachchidanand, Senthil, J. Digital computer study of the control of torsional interactions in HVDC turbine-generators 32387
Padiyar, K.R., Sastry, H.S.Y. A structure-preserving energy function for stability analysis of AC/DC systems 39473
Padmanaban, M. *see* Przybilla, K.J. 11052
Padmanaban, M. *see* Roschert, H. 11047
Padmanabhan, K., Sunder, K. A simple adaptive PID controller using a 8052AH micro-controller 26993
Padmanabhan, K., Sunder, K. Provision of orthogonal cross-sectional views using reduced angle tomogram reconstruction with linear and sector scan transducers 47065
Padmanabhan, M., Martin, K. A second-order hyperstable adaptive filter for frequency estimation 10301
Padmanabhan, M., Martin, K. Feedback-based orthogonal digital filters 18884
Padmanabhan, M. *see* Martin, K. 13408
Padmanabhan, M. *see* Martin, K.W. 4617
Padmapani, N.C., Yi, G.-J., Neumark, G.F., Lu, Z., Chang, C.C., Tamargo, M.C. Excimer laser melting of MBE-ZnSe 2087
Padmini, S., Diwakar, M.P., Rathod, N.C., Saraf, R.K., Babar, A.K. Knowledge based operator assistant for NPP 16507
Padmini, V.N. *see* Marar, T.M.K. 47018
Padmore, H.A. *see* Louis, E. 26510
Pados, D.A. *see* Batalama, S.N. 930
Padovani, R. The capacity of CDMA cellular: reverse link field test results 45831
Padovani, R. *see* Contento, G. 15787
Padovani, R. *see* Schneider, K. 24171
Paech, B. *see* Gomm, D. 18014
Paek Eung Gi *see* Eung Gi Paek
Paes, H., Achete, C., Losch, W. Dependence of a-Si:H degradation on i-layer thickness and photon energy 27516
Paetz gen. Schieck, H., Eggert, M., Lemaitre, S., Patberg, H., Reckenfelderbaumer, R., Schneider, C. Cs beam for the new COSY-Julich polarized ion source 31626
Paetz gen. Schieck, H. *see* Eversheim, P.D. 31625
Paez, J.M. *see* Sanjuan, T. 45804
Paez Borrall, J.M., Casajus Quiros, F.J. Convergence analysis of stochastic gradient adaptive algorithms for arbitrary error surfaces 21756
Paez-Borrallo, J.M., Zazo-Bello, S. On the joint statistical characterization of the input and output of an order statistic filter 45010
Paff, A. Evolution of the SONET regional interconnect in the cable TV environment 46245
Paffett, M.T. *see* Tobias, H. 17292
Pagani, C., Michelato, P., Serafini, L. High brightness, long pulse, electron beam production with SC photoinjectors 31652
Pagani, C. *see* Michelato, P. 38812
Pagani, E. *see* Aiello, R. 5488
Pagani, E. *see* Aiello, R. 30166
Pagani, M. *see* Bastida, E.M. 27286
Pagani, M. *see* Bastida, E.M. 28203
Pagano, A. *see* De Filippo, E. 46876
Pagano, E. *see* Attaianese, C. 40199
Pagano, E. *see* Attaianese, C. 40297
Pagano, O. *see* Lebrun, P. 6939
Pagano, S. *see* Cristiano, R. 24132
Pagano, S. *see* Cristiano, R. 38878
Pagano, S. *see* Matarazzo, S. 35271
Pagano, S. *see* Matarazzo, S. 43346
Pagano, S. *see* Nakagawa, H. 15614
Paganoni, M. *see* Benvenuti, A. 7252
Page, D.J. *see* Taylor, E.W. 11711
Page, E.W. *see* Narayan, S. 30933
Page, J.E. *see* Rebollar, J.M. 42165
Page, L.A., Cheng, E.S., Golubovic, B., Gundersen, J., Meyer, S.S. Millimeter-submillimeter wavelength filter system 38196
Page, M. *see* Watson, J.M. 43565
Page, R.M.R. *see* Heal, B.W. 10071
Page, W.C. *see* McDonnell, J.R. 29865
Page Heller, R. *see* Sutanto, S. 5511
Pagel, A., McCulloch, M.D., Landy, C.F. Quantifying the model variation due to changes in duty cycle of DC/DC converters 8578
Pagel, A., Meyer, A.S., Landy, C.F. The calculation of equaliser currents 47888
Pagel, C. *see* Carpenter, J.A. 9310
Pagel, P. *see* Thierfelder, H.G. 16497
Pagels, M. *see* Druschel, P. 5329
Pagels, M.A. *see* Druschel, P. 5470
Pages, A. *see* Lagunas, M.A. 18793
Pages, A. *see* Lagunas, M.A. 30693
Pages-Zamora, A. *see* Lagunas, M.A. 21759
Pagey, M.P. *see* Milanowski, R.J. 34979
Paggi, S. *see* D'Alessio, T. 31923
Pagiatakis, G. *see* Hernandez-Figueroa, H.E. 21321
Pagiatakis, G. *see* Leaver, K.D. 35339
Pagli, L. *see* Nayak, A. 1269
Pagliarone, C. *see* Bellamy, E.H. 31733
Pagliarone, C. *see* Bellamy, E.H. 46956
Pagliughi, A. *see* Dambra, C. 14692
Pagnan, S. *see* Tacconi, G. 4166
Pagni, A. *see* Lo Presti, M. 10187
Pagnier, T., Gharbage, B., Hammou, A. Oxygen reduction at $La_{0.5}Sr_{0.5}MnO_3$ thin film/yttria stabilized zirconia interface studied by impedance spectroscopy 17368
Pagnod, P. *see* Jacquet, J. 35974
Pagnod-Rossiaux, P. *see* Bissessur, H. 38029
Pagnod-Rossiaux, P. *see* Goldstein, L. 18141
Pagnod-Rossiaux, P. *see* Vinchant, J.-F. 5946
Pagnod-Rossiaux, P. *see* Vinchant, J.-F. 38121
Pagoria, D.D., Megahed, S.A., Lautzenhiser, J.L., Ekern, R.J. Lithium carbon-monofluoride batteries for extended ultra-high temperature storage and surface mount applications 17159
Pagurek, B. *see* Dawes, N.W. 37529
Pahl, J. Quasi stationary orbits 30699
Pahl, J., Parker, J., Singarajah, K. A model for interference studies relating to multisatellite non-geostationary systems in the mobile satellite service 45897
Pahl, R. Gas turbine cogeneration plant for the Stadtwerke Meissen 47741
Pahlavan, K., Uhlin, T., Eklundh, J.-O. Fixation by active accommodation 30039
Pahlavan, K. *see* Chase, M. 5720
Pahlavan, K. *see* Chase, M. 22772
Pahlavan, K. *see* Chase, M. 37707
Pahlavan, K. *see* Holt, T. 36187
Pahlavan, K. *see* Yang, G. 37811
Pahlm, O. *see* Reddy, M.R.S. 24312
Pahwa, A. *see* Barnard, J. 16438
Pai, C.S. *see* Liu, R. 19852
Pai, M.-L., Chu, F.-S., Ying, R. Connectionist learning for intelligent configuration systems: an application to telecommunication service provisioning system 22675
Pai, M.-L.M., Ying, R.L. Scene interpretation using a non-monotonic reasoning approach 45056
Pai, M.A. *see* Ranjan, R.K. 39478
Pai, M.A. *see* Sauar, P.W. 7696
Pai, P. *see* Hasscbrook, L.G. 45136
Pai, S.P., Jensen, D.W., Claus, S.J. Detecting buckling of filament-wound cylinders with optical fibers 23661
Pai, V.S., Moghe, N.V., Sapre, V.B. A design of an inexpensive demountable X-ray tube 38942
Pai Miao-Li *see* Miao-Li Pai
Pai Tun-Wen *see* Tun-Wen Pai
Paic, G. *see* Bachler, J. 46915
Paic, G. *see* Bachler, J. 46934
Paic, G. *see* Baechler, J. 46909
Paic, G. *see* Braem, A. 46902
Paic, G. *see* Di Mauro, A. 46917
Paic, G. *see* DiMauro, A. 31744
Paic, G. *see* DiMauro, A. 46939
Paige, A.L.B., Ozdamar, O., Delgado, R. Rapid acquisition and tracking of evoked potentials by two dimensional spectral filtering 24294
Paige, E.G.S. *see* Broomfield, S.E. 3206
Paige, E.G.S. *see* Neil, M.A.A. 12465
Paige, E.G.S. *see* Neil, M.A.A. 43551
Paik, D., Sahni, S. Optimal folding of bit sliced stacks 26569
Paik, H.W., Khubchandani, A. Quantization scheme for JPEG baseline sequential encoding of still images 21983
Paik, J.K., Park, S.W., Kim, H.J. Combined digital zooming and digital effects system utilizing CCD signal characteristics 14778
Paik, K.W., Cole, H.S., Saia, R.J., Chera, J.J. Studies on metal/benzocyclobutene (BCB) interface and adhesion [for MCM packaging] 18315
Paik, S. *see* Nguyen, H.D. 18090
Paik, W.H., Krause, E., Heller, J. DigiCipher video compression technology for all digital, channel compatible, HDTV broadcast system 30991
Paik, W.H., Lery, S.A., Fox, J.M. A high performance, robust HDTV transmission system—DigiCipher 38297
Pailles, J.C. New protocols for electronic money 13921
Paillet, P. *see* Herve, D. 19450
Paillol, J. *see* Reineix, A. 38145
Pailthorpe, B.A. *see* McKenzie, D.R. 27502
Pain, B. *see* Fossum, E.R. 31217
Pain, J. *see* Ambrosini, G. 38898
Paindavoine, M. *see* Bourennane, E. 45063
Paindavoine, M. *see* Robert, M. 17952
Paine, D.C. *see* Shigesato, Y. 26498
Paineau, S. *see* Charrier, M. 28548
Painter, C.F. Building effective alliances 9178
Painton, L.A., Diwekar, U.M. Synthesizing optimal design configurations for a Brayton cycle power plant 47447
Pairot, J.-M. Automatic rendezvous in space: a new European technology 24428
Paish, O.F. *see* Macnaughton, D. 25262
Paix, D. *see* Pace, R. 7509
Pajank, H.H. Remote transmission and monitoring [Koralpe power station] 40052
Pajewski, W. *see* Kielczynski, P. 16061
Pajewski, W. *see* Kielczynski, P. 47302
Pak, K. *see* Li, L. 44282
Pak, K. *see* Maruyama, H. 674
Pak, K. *see* Tsuji, K. 1353
Pak, S. *see* Sharma, A.K. 1649
Pak, Y.E. *see* Madsen, J.S. 20318
Pak, Y.E. *see* Tobin, A.G. 20042
Pak Pyong Sik *see* Pyong Sik Pak
Pakbaz, K., Kawatsuki, N., Schmidt, H.W. Second harmonic generation studies of crosslinkable nonlinear optical copolymers 21069
Pakbaz, K. *see* Aratani, S. 3359
Pakbaz, K. *see* Zhang, C. 20557
Pakhomov, A.A., Ryakhin, A.D. Reconstruction of images distorted by amplitude blurring 13507
Pakhomov, E.P. *see* Akopov, F.A. 25797
Pakhomov, I.S. *see* Vil'dyayev, I.K. 30682
Pakhomov, L.N., Petrakov, A.G. Q switching of a copper vapor laser 35680
Pakhomov, L.N. *see* Lvov, B.V. 20605
Pakhomov, M.T. *see* Arkhipova, T.A. 6559
Pakhomov, P.A. *see* Komarov, V.A. 47309
Paknys, R. Uniform asymptotic formulas for the creeping wave field on or off a cylinder 21373
Pakonen, P., Lehtio, A., Kannus, K. The identification of discharge type by radio interference measurements 11350
Pakonen, P. *see* Lehtio, A. 35130
Pakonski, K. *see* Adam, W. 7259
Pakonski, K. *see* Adam, W. 31715
Pakonski, K. *see* Adam, W. 46929
Pakonski, K. *see* Blocki, J. 46892
Pakstas, A., Pakstiene, S. Computer networks in Estonia, Latvia, and Lithuania 5459
Pakstiene, S. *see* Pakstas, A. 5459
Pakter, R., Rizzato, F.B. Numerical analysis of mismatch and dispersive effects on an arbitrary amplitude cyclotron resonance maser accelerator 10628
Pakulski, G., Margittai, A., Marks, J., Moore, R., Jones, T., Blaauw, C., Cleroux, M. The diffused grating distributed feedback laser 35820
Pakulski, G., Moore, R., Maritan, C., Shepherd, F., Fallahi, M., Templeton, I., Champion, G. Fabrication of fused silica masks for printing phase shifted and multiple period gratings for optoelectronics 34871
Pakzad, S., Plaskonos, P. Implementation of a digital modular chip for a reconfigurable artificial neural network 11289
Pal, A.K. *see* Chattopadhyay, K.K. 33724
Pal, A.K. *see* Gupta, P. 3315
Pal, B.B., Nelson, S.S. Optoelectronic charge coupled device (OECCD) using InP MIS capacitor array 11320
Pal, B.P. *see* Singh, J. 3074
Pal, D. Regulating a monopolist with unknown demand: an alternative approach 9170

Pal, D. Fractionally spaced semi-blind equalization of wireless channels 30605
Pal, D., Sanyal, S.K., Nandi, R. A new voltage controlled differential integrator 34190
Pal, D.K., Daw, A.N. Modelling of silicon epitaxy at low pressure 33635
Pal, N.R., Bhandari, D. Image thresholding: some new techniques 5129
Pal, N.R., Pal, S.K. A review on image segmentation techniques 4827
Pal, P., Nandi, D., Misra, T.N. Immobilization of alcohol dehydrogenase enzyme in a Langmuir-Blodgett film of stearic acid: its application as an ethanol sensor 38737
Pal, S., Bhattacharyya, R., Bhattacharyya, S., Ray, A. A statistically distributed random binary image generator 45128
Pal, S. *see* Kasturirangan, K. 32035
Pal, S. *see* Sambasiva Rao, V. 30688
Pal, S. *see* Srinivasan, V.V. 29368
Pal, S.K. Application of brushless electric motors and sensors for motion control and condition monitoring systems in jet engine environment 39315
Pal, S.K., Bandyopadhyay, A., Roy, A., De, S.K. PC-based on-line substation monitoring system 8722
Pal, S.K., Bhandari, D., Kundu, M.K. Genetic algorithms for optimal image enhancement 36972
Pal, S.K., Wang, L. Fuzzy medial axis transformation (FMAT): image representation, skeleton extraction and uncertainty management in computer vision 4930
Pal, S.K. *see* Leigh, A.B. 36797
Pal, S.K. *see* Mukhopadhyay, S.C. 40154
Pal, S.K. *see* Mukhopadhyay, S.C. 40160
Pal, S.K. *see* Mukhopadhyay, S.C. 40284
Pal, S.K. *see* Pal, N.R. 4827
Pal, T., Sharma, S.L., Acharya, H.N. A Monte Carlo simulation of semiconductor detectors 31770
Pal, T. *see* Ziock, H.-J. 46885
Pal, U. *see* Chou, K.C. 17353
Pal, U. *see* Samanta, B. 35559
Pal Chaudhuri, P. *see* Nandi, S. 33968
Pal Chaudhuri, P. *see* Nandi, S. 41822
Pal Choudhury, P., Barua, R. Cellular automata based VLSI architecture for computing multiplication and inverses in GF(2^m) 41833
Pal Singh Om *see* Om Pal Singh
Pala-Schonwalder, P., Miro-Sans, J.M. An explicit method for modeling lossy and dispersive transmission lines 29223
Palacios, E.Ruiz *see* Ruiz Palacios, E.
Palacios, F. *see* Barro, S. 7458
Palacios, R. *see* Sanz-Bobi, M.A. 32897
Palacios, S.L., Rodriguez, J., Crespo, R.D., Fernandez, J.M. A multilayer approximation technique to analyze optical waveguides with graded-index profiles 20353
Palacios, S.L. *see* Crespo, R.D. 27166
Palacios, S.L. *see* Rodriguez, J. 12697
Palacios, S.L. *see* Rodriguez, J. 36318
Palagi, G. *see* Franchi, D. 47108
Palagin, D.A. *see* Nikonorov, N.V. 20349
Palagin, V.V. *see* Asnis, L.N. 14718
Palais, J.C. *see* Tariq, S. 43406
Palaniswamy, A.C., Wilsey, P.A. Adaptive checkpoint intervals in an optimistically synchronized parallel digital system simulator 33946
Palathingal, J.C. *see* Asoka-kumar, P. 23994
Palau, J.-M. *see* Roubaud, F. 34986
Palazzi, G.Diambrini *see* Diambrini Palazzi, G.
Palazzo, R., Jr. *see* Uchoa Filho, B.F. 36553
Palazzo, S. *see* Borgonovo, F. 22518
Palazzo, S. *see* Davoli, F. 45459
Palazzo, S. *see* Pach, A.R. 22519
Palchinsky-Magennis, J. A nuclear training performance indicator model 39768
Paldi, E. *see* Nehorai, A. 29709
Paldi, E. *see* Nehorai, A. 44996
Paleev, M.R. *see* Nanii, O.E. 3527
Paleev, M.R. *see* Nanii, O.E. 12058
Palese, S. *see* Dwayne Miller, R.J. 20723
Palestini, V. Alternative frequency plans in hexagonal-shaped cellular layouts 37822
Palestini, V. *see* Muratore, F. 22853
Palethorpe, S. Speech intelligibility in communicative difficulty 13033
Palffy-Muhoray, P. *see* Lin, H. 3808
Palffy-Muhoray, P. *see* Lin, H. 44134
Palffy-Muhoray, P. *see* Yuan, H.J. 20411
Pali, I. *see* Gyorfi, L. 12878
Pali, I. *see* Gyorfi, L. 44721
Palic, M. *see* David, E. 47131
Palicot, J., Veillard, J. Possible coding and modulation approaches to improve service availability for digital HDTV satellite broadcasting at 22 GHz 14795
Palicot, J., Veillard, J. Possible channel coding and modulation system for the satellite broadcasting of a high-definition television signal 46220
Palicot, J. *see* Djoko, K.M. 14757
Palis, F. *see* Adli, M. 8878
Palis, M.A., Rajasekaran, S., Wei, D.S.L. Packet routing and PRAM emulation on star graphs and leveled networks 30180
Palit, K. Cure behavior of encapsulation materials for microelectronic assembly of bare IC chips 26526
Palit, S. *see* Kanjilal, P.P. 44812
Palitto, M. *see* Squillace, M. 25814
Paljan, D. *see* Bogut, M. 16867
Palkin, V.A. *see* Faddeiev, L.P. 47761
Palkin, V.F. *see* Bystrova, O.V. 25314
Palkuti, L.J. *see* Huang, D.-H. 35013
Pallacordi, M. *see* Conte, M. 48220
Palladino, L. *see* Bollanti, S. 24124
Palladino, V. *see* Buontempo, S. 31696
Pallage, M. *see* Lilien, J.-L. 25609
Pallaro, G. *see* Rapi, A. 42264
Pallas-Areny, R., Webster, J.G. Bioelectric impedance measurements using synchronous sampling 24271
Pallas-Areny, R., Webster, J.G. AC instrumentation amplifier for bioimpedance measurements 24272
Palleschi, G. *see* Compagnone, D. 6616
Pallikarakis, N. *see* Kolitsi, Z. 24180
Pallivathikal, M. *see* Yamin, H. 17169
Pallon, J. *see* Breese, M.B.H. 21186
Pallottino, G.V., Zirizzotti, A.E. Noise measurements on junction field effect transistors 28217
Palm, H., Arbes, M., Schulz, M. Fluctuations of the Au-Si(100) Schottky Barrier Height 10752
Palm, T. *see* Thylen, L. 28225
Palma, F. *see* Caputo, D. 28596
Palma, F. *see* Conte, G. 35560
Palma, F. *see* Conte, G. 42444
Palma, F. *see* Masini, G. 28653
Palma, J.C.P., Dente, J.G. A simplified field oriented control method for low cost induction motor drives 8829
Palma, J.F.De *see* De Palma, J.F.
Palma, J.P., Dente, J.G., Carvalhal, F.J. Simplifications on field oriented control for low power voltage source induction motor drives 8851
Palma, J.P., Dente, J.G., Carvalhal, F.J. A comparison of simplified field oriented control methods for voltage-source induction motor drives 17441
Palma, M.S. *see* Castillo, L.M.G. 21170
Palmateer, L. *see* Bouregba, R. 34258
Palmateer, S.C. *see* Aull, B.F. 3386
Palme, F. *see* Schrufer, E. 46665
Palmer, A. *see* DeYong, M. 10383
Palmer, A.W. *see* Boyle, W.J.O. 15822
Palmer, A.W. *see* Collins, S.F. 23214
Palmer, A.W. *see* Collins, S.F. 36090
Palmer, A.W. *see* El-hami, M. 15064
Palmer, A.W. *see* Ning, Y.N. 21149
Palmer, A.W. *see* Ning, Y.N. 46476
Palmer, A.W. *see* Wang, D.N. 46384
Palmer, A.W. *see* Zhang, Z. 6536
Palmer, A.W. *see* Zhiyi Zhang 31251
Palmer, C.C., Naghshineh, M., Chen, J.S.C. The GILDA LAN design tool 14226
Palmer, D. *see* Carpenter, J.A. 9310
Palmer, D.W., Lin, G.K. Toward low-cost display assembly and packaging: precompetitive challenges 23809
Palmer, D.W. *see* Chu, D. 298
Palmer, E. *see* Vitriol, W.A. 9287
Palmer, E.A. *see* Degani, A. 7529
Palmer, E.G., Newton, C.M. 3D packaging using low-temperature cofired ceramic (LTCC) 9252
Palmer, E.G., Newton, C.M. 3-D packaging using low temperature co-fired ceramic (LTCC) 9260
Palmer, E.M. *see* Bennett, V.M. 45619
Palmer, J.A., Degeneff, R.C., McKernan, T.M., Halleran, T.M. Pipe-type cable ampacities in the presence of harmonics 32429
Palmer, J.M. Getting intense on intensity 23370
Palmer, J.M. Alternative configurations for trap detectors 23609
Palmer, J.R. Theoretical model of new beam quality paradigm for high power laser optics 28949
Palmer, L.G., Palmer, R.S. DECspin: a networked desktop videoconferencing application 5609
Palmer, P.L., Petrou, M., Kitter, J. A Hough transform algorithm with a 2D hypothesis testing kernel 13617
Palmer, P.R., Gray, M.J. Computer aided design of induction motor drives 48038
Palmer, P.R., Tseng, K.J. An accurate GTO model for circuit simulations 2492
Palmer, P.R. *see* Johnson, C.M. 2406
Palmer, R., Giddy, D., Shoubridge, P. An experimental ATM network for B-ISDN research 30531
Palmer, R.B. *see* Pisin Chen 7117
Palmer, R.D., Larsen, M.F., Heinselman, C.J., Mikkelsen, I.S. Frequency domain interferometry using the 1290-MHz Sondre Stromfjord radar: first results 7616
Palmer, R.E. *see* Bucci, R.M. 39555
Palmer, R.E. *see* Silva, L.A. 27612
Palmer, R.S. *see* Palmer, L.G. 5609
Palmer, S.R. *see* Garza, C.M. 11026
Palmer, S.R. *see* Yen, A. 2274
Palmer, T.C. *see* Simpson, E.V. 24304
Palmero, A., MacMillan, J. Linear step motor tester produces fast, accurate data 25465
Palmes, M. *see* Jorg, K.-W. 13775
Palmier, J.F. *see* Aristone, F. 42511
Palmier, J.F. *see* Dutisseuil, E. 34594
Palmieri, D. *see* Raffaelli, L. 30903
Palmieri, F. *see* Xiaofeng Qi 33498
Palmieri, F. *see* Xiaofeng Qi 33499
Palmieri, V., Preciso, R., Ruzinov, V.L., Stark, S.Yu., Gambalonga, S. Forming of seamless high beta accelerating cavities by the spinning technique 46789
Palmieri, V., Ruzinov, V.L., Stark, S.Yu., Malishev, O.B., Preciso, R., Badan, L., Porcellato, A.M., Sokolowski, J.S., Buso, G.P., Poletto, F. Niobium sputtered Quarter Wave Resonators 15512
Palmieri, V. *see* Fortuna, G. 6906
Palmkvist, K. *see* Nilsson, P. 42062
Palmour, J. *see* Saddow, S.E. 28599
Palmour, J.W., Edmond, J.A., Carter, C.H., Jr. Demonstrating the potential of 6-H silicon carbide for power devices 19873
Palmour, J.W. *see* Levinshtein, M.E. 34547
Palmqvist, T. *see* Hagfeldt, A. 33025
Palmstrom, C.J. *see* Allen, S.J. 10786
Palmstrom, C.J. *see* Hong, B.W.-P. 34927
Palmstrom, C.J. *see* Jong-In Song 42898
Palmstrom, C.J. *see* Luo, Y.S. 34849
Palmstrom, C.J. *see* Song, J.-I. 42186
Palmstrom, C.J. *see* Song, J.I. 1556
Palo, C.Di *see* Di Palo, C.
Paloheimo, J. Studies of the electronic properties of conjugated polymers: from dimerization to charge transport in polymeric transistors 28121
Palomaki, J. *see* Hill, G. 27394
Palomba, F. *see* Caravita, S. 30303
Paloso, G., Mohanty, B. Cascading vapour absorption cycle with organic Rankine cycle for enhancing geothermal power generation 16701
Palounek, A.P.T. *see* Ziock, H.-J. 46885
Palounek, A.P.T. *see* Ziock, H.J. 7184
Paloura, E.C., Ginoudi, A., Frangis, N., Christou, A. On the growth—and annealing—temperature dependence of the electrical properties of $Ga_{0.51}In_{0.49}P$/GaAs heterostructures grown by MOMBE 9580
Palsdottir, B., Larsen, C. Short erbium doped fiber amplifiers optimized for high output power 28804
Palsdottir, B. *see* Grunnet-Jepsen, A. 3505
Palsson, O.P., Madsen, H., Sogaard, H.T. Application of predictive control in district heating systems 32646
Palubeckis, G. Heuristics with a worst-case bound for unconstrained quadratic 0-1 programming 563
Paludi, C.A., Jr. *see* Mil'shtein, S. 10613
Palumbo, D.L. Using failure modes and effects simulation as a means of reliability analysis 39173
Palumbo, G. *see* Di Cataldo, G. 1088
Palumbo, G. *see* Di Cataldo, G. 9966
Palumbo, L. *see* Bartalucci, S. 7054
Palumbo, L. *see* Bartalucci, S. 15502
Palumbo, L. *see* Bartalucci, S. 31551
Palumbo, L. *see* Bassetti, M. 7053
Palumbo, L. *see* Bassetti, M. 7055
Palumbo, P.W. *see* Shin, Y.-C. 22171
Palumbo, R. *see* Bocchi, C. 2028
Palusinski, O.A., Abdennadher, M. Method for ordering integrated circuit equations in spectral analysis of their transient behavior 19951
Palusinski, O.A., Lee, D., Vakanas, L. Comments on 'Simulation of lossless symmetrical three conductor systems' by W. Guggenbuhl et al 21289
Paluzie, R.G. The technical equipment of a municipal radio station 6185
Paluzie, R.G. The use of transistors in FM transmitters 6187
Pamart, J.L., Lefranc, E., Morin, S., Balland, G., Chen, Y.C., Kissell, T.M., Miller, J.L. Forward error correction in a 5 Gbit/s 6400 km EDFA based system 38032
Pambianchi, M.S., Anlage, S.M., Hellman, E.S., Hartford, E.H., Jr., Bruns, M., Lee, S.Y. Penetration depth, microwave surface resistance, and gap ratio in NbN and $Ba_{1-x}K_xBiO_3$ thin films 20181
Pamela, J., Fumelli, M., Jequier, F., Simonin, A., Hanada, M., Okumura, Y., Watanabe, K. Experimental study of the characteristics of D^- and H^- beams produced by a multi-hole multi-ampere accelerator at energies up to 105 keV 46734
Pamela, J. *see* Watanabe, K. 38831
Pamler, W., Mathuni, J. Thickness determination of thin oxide layers at the bottom of contact holes of semiconductor devices by Auger electron spectroscopy 27700
Pammu, S., Quigley, S.F. Novel analogue CMOS defuzzification circuit technique 41847
Pampaloni, E., Ramazza, P.L., Residori, S., Arecchi, F.T. Experimental evidence of boundary-induced symmetries in an optical system with a Kerr-like non-linearity 35508
Pamulapati, J., Shen, H., Wraback, M., Taysing-Lara, M., Dutta, M., Luo, H.C., Lu, Y. Normal incidence GaAs/AlGaAs multiple-quantum-well polarization modulator using an induced uniaxial strain 20402
Pamulapati, J. *see* Lu, Y. 27529
Pamulapati, V. *see* Makram, E.B. 16133
Pamyushkin, V.V. *see* Kalinin, A.V. 19315
Pan, C.-T., Chen, T.-C. Modeling and design of an AC to DC converter 33879

Pan, C.-T., Chen, T.-C. Step-up/down three-phase AC to DC convertor with sinusoidal input current and unity power factor 40342
Pan, D. *see* Sharp, R.S. 17581
Pan, D.-S. *see* Boric-Lubecke, O. 27239
Pan, D.-S. *see* Yang, C.C. 1523
Pan, D.S. *see* Huang, P. 23862
Pan, D.S. *see* Man, P. 23628
Pan, G., Tan, J. Full-wave analysis of radiation effect of microstrip transmission lines 29268
Pan, G.W., Zhu, X., Wang, B., Gilbert, B. On the analysis of heavily lossy transmission lines 4172
Pan, G.W. *see* Gilbert, B.K. 41921
Pan, I.J., Mingh Shih, Kung Shih High-performance fiberoptic systems rely on special isolators 28453
Pan, J. *see* Sanders, J.W. 19474
Pan, J.J. Microwave optics for space and ground communications 45974
Pan, J.J. Multiwavelength photonic communications 45976
Pan, J.L. Ionization balance in semiconductor quantum-dot lasers 35847
Pan, J.L., Hagelstein, P.L. Collisional processes involved in the population kinetics of semiconductor quantum-dot lasers 35848
Pan, J.S. *see* Liu, C.T. 40593
Pan, L., Contrada, R.J., Li, J.K.-J. Electrocardiographic T-wave amplitude as a non-invasive index of sympathetic myocardial activity: possible confounding effects of parasympathetic influence 39036
Pan, L. *see* Young, A.T. 46825
Pan, M.H. *see* Gu, X.P. 25081
Pan, N., Carter, J., Elliott, J., Hendriks, H., Brierley, S., Hsieh, K.C. Low temperature InAlAs buffer layers using trimethylarsenic and arsine by metalorganic chemical vapor deposition 9549
Pan, P., Liu, C.L. Area minimization for general floorplans 26619
Pan, P. *see* Blumenstock, K. 42666
Pan, Q. *see* Inoue, T. 1346
Pan, S. *see* Brand, A. 34078
Pan, S. *see* Chin, D. 35085
Pan, S. *see* Hu, Y.H. 19820
Pan, S. *see* Rajagopalan, S. 34789
Pan, S.-K. *see* Wang, H. 10498
Pan, S.-W., Reilly, M.T., Taylor, J.W., Cerrina, F. Optimization design program for chemically amplified resist process 27968
Pan, S.K., Wang, X.G. Growth of laser crystal alexandrite 33588
Pan, S.K. *see* Wang, H. 1606
Pan, S.S. *see* Azar, K. 40965
Pan, S.W. *see* Reilly, M.T. 11078
Pan, T. *see* Chung, T. 394
Pan, V.R. *see* Zalessky, V.B. 6498
Pan, W. *see* Vijay, D.P. 2156
Pan, X., Broers, A.N. Improved electron beam pattern writing in SiO_2 with the use of a sample heating stage 2288
Pan, X., Chen, C.-T., Aarsvold, J.N., Wong, W.H. Analytical considerations of photon attenuation and system response function in SPECT reconstruction 37038
Pan, X. *see* Myslinski, P. 3571
Pan, X. *see* Olesen, H. 35816
Pan, Y. A physical model for the hot-carrier induced degradation of LDD-PMOS transistor and its experimental verification 19833
Pan, Y. A physical-based analytical model for hot-carrier induced saturation current degradation of p-MOSFET's 35006
Pan, Y. The hot-carrier induced degradation mechanisms of 0.8 μm LDD p-MOSFET with 850°C wet gate oxidation 35014
Pan, Y. An experimental study of the Fowler-Nordheim tunneling induced degradation of LDD PMOSFET's 42938
Pan, Y., Ng, K.K., Kwong, V. Comparison of gate-edge effects on the hot-carrier induced degradation of LDD n- and p-channel MOSFETs 19842
Pan, Y.Y.C. *see* Freeman, G. 35088
Pan, Z., Dagenais, M. Observation of dynamic frequency chirp in dispersive nonlinear semiconductor laser amplifiers 12132
Pan, Z. *see* Lotem, H. 3617
Pan, Z.G., Jiang, S., Dagenais, M., Morgan, R.A., Kojima, K., Asom, M.T., Leibenguth, R.E., Guth, G.D., Focht, M.W. Optical injection induced polarization bistability in vertical-cavity surface-emitting lasers 12137
Pan Ching-Tsai *see* Ching-Tsai Pan
Pan Daocheng *see* Chen Lingbing 12318
Pan Davies Yen *see* Davies Yen Pan
Pan Fu *see* Fu Pan
Pan Guang-Wen *see* Guang-Wen Pan
Pan Hengfu *see* Huo Yujing 20671
Pan Jen-Wei *see* Jen-Wei Pan
Pan Jiluan *see* He Fangdian 23694
Pan Jyh-Shin *see* Jyh-Shin Pan
Pan Kun *see* Kun Pan
Pan Oujia *see* Chen Chia-Erh 15520
Pan Pei-Yuan *see* Li Sheng-Yi 31437
Pan Peicong *see* Qiu Zhi 12042
Pan Qijing, Yang Yonggao, Wang Yu A CAD system for computer networks 5556
Pan Qijing, Yang Yonggao, Wang Yu The design and relaxation of a distributed computer telecommunication network (Telecom) 5559
Pan Qinyun *see* Qinyun Pan
Pan Qiuhua *see* Gan Baihui 12286
Pan Sheau-shi *see* Sheau-shi Pan
Pan Shien-Tai *see* Shien-Tai Pan
Pan Si-Ming *see* Si-Ming Pan
Pan Yang *see* Ye Yukang 1575
Pan Yi, Guo Zhizhong, Liu Zhuo Dynamic power flow solution of power system by Taylor series expansions 47348
Pan Ying Jun *see* Li Zhi-Gao 38526
Pan Yong-Dong, Li Dong-Sheng, Wang Guang-Quan Method of visual photoelectric intelligent inspection for microgeometrical parameters of surface 31304
Pan Yulian *see* Chen Lingbing 12318
Pan Yuqi *see* Yuqi Pan
Pan Zeqi *see* Zeqi Pan
Pan Zhibing *see* Zhibing Pan
Pana, I., Milu, C. Use of physical test objects in conventional radiography 24165
Panaev, I.A., Studenikin, S.A., Lubyshev, D.I., Migal', V.P. The individual subband densities and mobilities in δ-doped GaAs at different temperatures 19337
Panafieu, J.P. *see* Adnet, L. 22421
Panagiotopoulos, I., Zouganelis, G., Niarchos, D. Magnetization reversal in SmFeTi (002) textured films with the $ThMn_{12}$ structure 35224
Panagiotou, A. *see* Bachler, J. 46915
Panagiotou, A. *see* Baechler, J. 46909
Panagiotou, A.D. *see* Bachler, J. 46934
Panagopoulos, C. *see* Daurelio, G. 21134
Panait, J. *see* Kiesewetter, W. 30615
Panaitescu, A. On certain relations in the electrodynamics of moving media 44256
Panajotov, K.P., Andreev, A.T., Zafirova, B.S. Experimental and theoretical investigation of a polished type single-mode fibers coupler with an intermediate planar waveguide 35348
Panajotov, K.P. *see* Andreev, A.T. 35347
Panajotov, K.P. *see* Andreev, A.T. 43411
Pananakakis, G. *see* Gigon, F. 1222
Pananakakis, G. *see* Moison, B. 10147
Pananakakis, G. *see* Monserie, C. 1954
Pananakakis, G. *see* Monserie, C. 43154
Pananakakis, G. *see* Papadas, C. 2523
Pananakakis, G. *see* Papadas, C. 27595
Panareo, M. *see* Cataldi, G. 31666
Panas, S.M. *see* Theodoulidis, T.P. 26538
Panasenkov, A.A. *see* Krylov, A.I. 46739
Panasik, C.M., Jurgovan, M. Programmable transversal filter based adaptive line enhancer 2779
Panayiotakis, G. *see* Kolitsi, Z. 24180
Panayirci, E. *see* Aygolu, U. 36548
Panayotatos, P. *see* Whitlock, J.B. 8771
Pance, A. *see* Martens, J.S. 28414
Pance, A. *see* Martens, J.S. 41855
Pancella, P.V. *see* Ross, M.A. 31615
Pancha, P., El Zarki, M. Bandwidth-allocation schemes for variable-bit-rate MPEG sources in ATM networks 5149
Panchal, C.J. *see* Patel, N.G. 40490
Panchanathan, S. *see* Brahmanandam, M.B. 36837
Panchanathan, S. *see* Chan, E. 6204
Panchanathan, S. *see* Gandhi, R. 30061
Panchanathan, S. *see* Idris, F. 30079
Panchanathan, S. *see* Knox, D. 5326
Panchanathan, S. *see* Xiping Wang 30083
Panchenko, A.N., Tarasenko, V.F. Compact discharge XeCl laser with an output energy ~1 J and a pulse length of 100-300 ns 3430
Panchenko, A.N. *see* Kopylova, T.N. 3468
Panchenko, A.N. *see* Tarasenko, V.F. 21060
Panchenko, V.P. *see* Burakov, V.A. 25706
Panchenko, V.P. *see* Dyogtev, Yu.G. 25760
Panchenko, V.P. *see* Gomozov, V.A. 25754
Panchenko, V.P. *see* Koroleva, L.A. 25756
Panchenko, V.P. *see* Velikhov, Ye.P. 25755
Panchenko, V.Ya. *see* Galushkin, M.G. 11962
Panchenko, Yu.N. *see* Losev, V.F. 44122
Panckow, A.N., Blasing, J., Drusedau, T.P. A position detector based on the lateral photoeffect in a-Si:H/ metal (Ti,Mo) multilayers 27585
Panczak, M.X. *see* Bandler, S.W. 19266
Panda, A.K., Dash, G.N., Pati, S.P. Effect of the diffusion impurity profile on the microwave properties of silicon p^+nn^+ IMPATT diodes 34247
Panda, G. *see* Meher, P.K. 21800
Pande, K. *see* Chen, S. 42222
Pande, K. *see* Ho, T. 1582
Pande, K.C. *see* Bhattacharyya, P.K. 16532
Pandey, A., Singh, A., Zimmer, W.J. Bayes estimation of the linear hazard-rate model 40915
Pandey, G.N. *see* Singh, S.K. 8045
Pandey, J.P. *see* Bahadur, L. 34647
Pandey, S.K. *see* Nagalakshmi, R. 25349
Pandey, U.N. *see* Subramaniam, K. 16537
Pandey, Y.K. C-DOT 256 RAX [digital switching systems] 37677
Pandey, Y.K., Kumar Gupta, S. Lightning protection in C-DOT DSS 37680
Pandian, G.Soundra *see* Soundra Pandian, G.
Pandian, S.S., Sivanesan, G., Gnanam, F.D. Gel growth and characterisation of ferroelectric potassium nitrate 9500
Pandipati, S. *see* Sun, A. 24446
Pandit, M. *see* Greiner, T. 13459
Pandit, M. *see* Greiner, T. 24209
Pandit, N., Noske, D.U., Taylor, J.R. 350 fs pulse generation from an erbium fibre ring laser mode locked using nonlinear polarization rotation 28898
Pandit, S., Ranganathan, V.T. Implementation of fast response vector control for induction motors using digital signal processor and vector co-processors 40182
Pandit, S.M., Jordache, N., Joshi, G.A. Laser interferometry-based characterization of surfaces by data-dependent systems 31425
Pandit, S.M., Joshi, G.A., Weber, C.R. Deterministic and stochastic separation of digital images 45213
Pandit, S.M. *see* Joshi, G.A. 13739
Pandolfi, S. *see* Bedini, L. 29867
Pandoulas, D. *see* Bock, R. 7228
Pandoulas, D. *see* Lubelsmeyer, K. 46971
Pandya, A.S. *see* Khoshgoftaar, T.M. 45436
Pandya, G.R. *see* Siddiqui, S.S. 1866
Pandya, N.R. *see* Moitra, S. 16375
Pandya, T.P., Bali, L.M., Jha, P., Srivastava, A., Shukla, R.K., Saxena, V. Harmonics in FEL with plane polarised wiggler and axial guide field 12262
Panefieu, B. Tests on GPS receivers 30934
Panfilis, S.de *see* de Panfilis, S.
Panfilov, A.D. *see* Auslender, V.L. 6910
Pang, C., Fauchet, P.M., Rehm, J.M., McLendon, L., Seiferth, F., Kurinec, S.K. Ion implantation of porous silicon 34686
Pang, C.M. *see* Tan, C.L. 13743
Pang, C.M. *see* Wong, E.M.C. 5816
Pang, D., Ferrari, L.A., Sankar, P.V. B-spline FIR filters 29572
Pang, D. *see* da Silva, L. 37291
Pang, D. *see* Drusedau, T. 27496
Pang, D. *see* Drusedau, T. 34528
Pang, K., Biggar, M., Dunstan, S., Arnold, J. The Australian Universal Video Codec project 5622
Pang, K., Biggar, M., Dunstan, S., Arnold, J. The Australian Universal Video Coding Project 36914
Pang, K.F. Design of a 50 MFIPS fuzzy controller ASIC 18809
Pang, K.K. *see* Chen, C.-F. 13538
Pang, K.K. *see* Lim, H.G. 30964
Pang, K.K. *see* Ngan, K.N. 29969
Pang, P.S.W. *see* Shen, Z.-Y. 1576
Pang, S. Effects of temperature gradient and radial range decay on the spectrum analysis of the radio acoustic sounding system using FM CW radar 7614
Pang, S., Oghanna, W. Integrated simulation of vector control techniques by incorporating the TMS320C30 DSP 40216
Pang, S.J. *see* Chai, W.P. 41284
Pang, S.J. *see* Chai, W.P. 41358
Pang, S.K., Rohatgi, A. A new methodology for separating Shockley-Read-Hall lifetime and Auger recombination coefficients from the photoconductivity decay technique 20512
Pang, S.K. *see* Yasutake, K. 34624
Pang, S.W. A comparison between dry etching with an electron cyclotron resonance source and reactive ion etching for GaAs and InP 2138
Pang, S.W. *see* Bride, J.A. 18303
Pang, S.W. *see* Juan, W.H. 42673
Pang, S.W. *see* Ko, K.K. 19592
Pang, S.W. *see* Ko, K.K. 27745
Pang, S.W. *see* Sung, K.T. 19555
Pang, Y. *see* Hamilton, J.J. 3705
Pang, Y. *see* Yanovsky, V. 3485
Pang, Z., Boumerzoug, M., Kruzelecky, R.V., Mascher, P., Simmons, J.G., Thompson, D.A. Low temperature radio frequency sputter deposition of TiN thin films using optical emission spectroscopy as process monitor 26503
Pang Linyong *see* Linyong Pang
Pang Sheng-Qing, Chen Zhi-Xiang Inspection of the surface crack in a small diameter cold-drawn steel bar 26541
Pang Shi-Jin *see* Wu Jin-Lei 10609
Pang Te Cheng *see* Te Cheng Pang
Pangaribuan, T., Jiang, S., Ohtsu, M. Two-step etching method for fabrication of fibre probe for photon scanning tunneling microscope 11610
Pangborn, A. *see* Beecher, J.E. 28960
Pangburn, J. *see* Votava, M. 46324
Pangrle, B.M. *see* Hsieh, Y.-W. 19944
Panicciari, P. *see* Franceschini, G. 22660
Panicker, J., Kumar, P.C.S., Salt, E.J. Performance of frequency hopped spread spectrum multiple access packet radio with concatenated codes 30607
Paniez, P. *see* Weill, A. 11070
Paniez, P.J., Chollet, J.-P.E., Pons, M.J. Thermal properties of state of the art novolak-diazonaphtoquinone systems: differences between bulk and film properties 11020
Panigrahi, S., Lakdawala, V.K., Thomas, L.M., Brinkmann, R.P. Novel curve fitting technique

for characterization of high-resistivity semiconductor materials [for optically activated switches] 27475
Panin, A.V. *see* Mukhachev, S.V. 8095
Panin, V.A. *see* Krasil'nikov, M.A. 29195
Panin, V.A. *see* Kuzelev, M.V. 4141
Panin, V.M. Finite algorithm to find the saddle point of a quadratic function subject to linear constraints 569
Panin, V.V. *see* Belyaeva, A.I. 38735
Panina, L.V., Katoh, H., Mohri, K., Kawashima, K. Magnetization processes in amorphous wires in orthogonal fields 43275
Panish, M.B. *see* Bernussi, A.A. 42501
Panish, M.B. *see* Cotta, M.A. 9595
Panish, M.B. *see* Ritter, D. 2053
Panjan, P. *see* Zalar, A. 10991
Panjukhin, A.V., Kolobov, N.A., Leontjeva, N.A. Numerical modelling of viscous flow in silicon thermal oxidation with the boundary element method 27676
Panken, F.J.M. *see* van Doorn, E.A. 45309
Pankhania, M. *see* Bidwell, P. 32674
Pankhurst, Q.A. *see* Sankaranarayanan, V.K. 35227
Panknin, D., Eichorn, F., Wieser, E., Skorupa, W., Henrion, W., Albrecht, J. Electrical and optical properties of β-$FeSi_2$ after Co implantation and annealing 27505
Panknin, D. *see* Bischoff, L. 27655
Panko, R.R. Skewed use in the steady-state for electronic mail and other groupware 30362
Pan'ko, S.P., Bykov, O.A. Signal processing for a terrestrial radar installation with oblique sounding 6119
Pankov, A.R. Recurrent conditionally minimax filtering of processes in nonlinear difference stochastic systems 4684
Pankov, B.N. The structure and circuit implementation of an optical transparency cell based on thin ferroelectric films 28674
Pankov, B.N. Parallel photoarray LSI with logical data page processing 28675
Pan'kov, G.Kh. *see* Bykov, V.L. 14539
Pankove, J.I. The effect of hydrogenation on the electrical properties of crystalline silicon 10644
Pankove, J.I. Novel prospects for EL displays 38615
Pankow, J.W., Arbour, C., Dodelet, J.P., Collins, G.E., Armstrong, N.R. Photoconductivity/dark conductivity studies of chlorogallium phthalocyanine thin films on interdigitated microcircuit arrays 19271
Pankrath, R. *see* Buse, K. 21122
Pankrath, R. *see* Buse, K. 35306
Pankratov, I.A. *see* Anikeev, B.V. 43806
Pankratov, N.A. Modern semiconductor thermoelectric radiation detectors 6496
Pankratov, N.A. Anisotropic thermoelements 46455
Pankratov, V., Ryzhii, V. Monte-Carlo simulation of gate leakage current effect in P-channel GaAs/$Al_{0.7}Ga_{0.3}As$ HIGFET 19849
Pankratov, V.I. *see* Murugov, V.M. 3730
Panming Fu *see* Fu Panming
Pannell, C.N., Abdulhalim, I. Acousto-optic components for Q-switched fibre lasers 35745
Pannell, C.N., Jones, J.D.C., Jackson, D.A. The effect of environmental acoustic noise on optical fibre based velocity and vibration sensor systems 46481
Pannell, C.N. *see* Abdulhalim, I. 20436
Pannell, C.N. *see* Abdulhalim, I. 20444
Pannell, C.N. *see* Abdulhalim, I. 35329
Pannell, C.N. *see* Abdulhalim, I. 43434
Pannell, C.N. *see* Wait, P.C. 35994
Pannell, K.H. *see* Nguyen, M.T. 33765
Pannenbacker, K., Bartel, S. Installation management and information systems as requirements for maintenance in power station engineering 25097
Pannetier, B. *see* Benoit, A. 24053
Panneton, R.J. *see* Hwu, S.U. 44580
Pannhoff, H. *see* Rogner, A. 5883
Pannicke, J. *see* Funk, G. 39513
Panno, D. *see* Borgonovo, F. 22518
Panno, D. *see* Pach, A.R. 22519
Panofski, E. *see* Heidemann, A. 8969
Panov, M.Ya. *see* Stogne, V.G. 9063
Panov, S.M. *see* Znak, V.I. 39343
Panov, Yu.V. *see* Poberezhskiy, E.S. 37698
Panse, M.S., Kulkarni, S.K. Design of an advanced image processing system for nondestructive flaw detection 33773
Panse, M.S., Kulkarni, S.K. Design and implementation of a programmable signal simulator and processor 39035
Pant, A.K. *see* Shepard, C.L. 34843
Pant, L.M. *see* Biswas, D.C. 38861
Pantaleon-Prieto, C.J., Figueiras-Vidal, A.R. Nonlinear time series modeling by competitive segmentation of state space 22207
Pantano, G., Rolince, D. VECTOR (virtual edge connector test): a strategy to increase TPS fault coverage without adding test vectors 1692
Pantazelou, E., Moss, F., Chialvo, D. Noise sampled signal transmission in an array of Schmitt triggers 18543
Pantchev, B., Nikolov, Z. Characterization of refractive index profiles in silver-sodium ion-exchanged glass waveguides for homogeneous refracting waveguide structures 28490
Pantchev, B.G. *see* Nikolov, Z. 43484
Pantchev, Bl. *see* Toneva, A. 9706
Pantea, D. *see* Budagov, J. 46955
Pantele, M.J. *see* Havasy, J.H. 32677
Panteleev, T. *see* Jordanova, J. 39872
Panteleev, V.N. *see* Ivanov, P.A. 11216
Pantelides, S.T. *see* Laks, D.B. 2051
Pantelides, S.T. *see* Maroudas, D. 34831
Pantell, R.H., Digonnet, M.J.F. A model of nonlinear all-optical switching in doped fibers 35409
Pantell, R.H., Digonnet, M.J.F., Sadowski, R.W., Shaw, H.J. Analysis of nonlinear optical switching in an erbium-doped fiber 21007
Pantell, R.H. *see* Gary, C.K. 15766
Pantell, R.H. *see* Ozcan, M. 28920
Pantell, R.H. *see* Sadowski, R.W. 3785
Pantell, R.H. *see* Schmerge, J.F. 44006
Pantenburg, F.J., Chlebek, J., El-Kholi, A., Huber, H.-L., Mohr, J., Oertel, H.K., Schulz, J. Adhesion problems in deep-etch X-ray lithography caused by fluorescence radiation from the plating base 28028
Panthalingal, N. *see* Wetherhold, R.C. 20045
Panther, A. *see* Babiak, R. 16496
Pantolin, J.E. *see* Sievers, R.K. 7553
Pantzaris, P. *see* Salous, S. 5800
Pantzaris, P. *see* Salous, S. 30660
Panuska, A.J. *see* Kathiresan, K. 14589
Panwar, O.S., Moore, R.A., Raza, S.H., Gamble, H.S., Armstrong, B.M. Comparative study of large grains and high-performance TFTs in low-temperature crystallized LPCVD and APCVD amorphous silicon films 26516
Panwar, O.S. *see* Seth, T. 9705
Panwar, R. *see* Ohtake, K. 25714
Panwar, S. *see* Po, L. 13858
Panwar, S.S. *see* Ersoy, C. 22512
Panyakeow, S. *see* Boonkosum, W. 35612
Panyakeow, S. *see* Kruangam, D. 28664
Panyakeow Somsak *see* Somsak Panyakeow
Panyam, A. *see* Bhingarde, S. 33818
Panyam, A. *see* Bhingarde, S. 43074
Panzer, G.W. Which packaging technology is best for a given criteria 26192
Panzer, G.W. *see* Jankiewicz, T.T. 26193
Panzer, H. *see* Baier, A. 22913
Panzer, H.P. *see* Kamenetzky, E.A. 28579
Panzer, K. *see* Althaus, H.-L. 37990
Panzer, W. *see* Schneider, K. 24171
Panzeri, A. *see* De Flaviis, F. 1567
Panzieri, F., Davoli, R. Real time systems: a tutorial 5584
Panzitta, J. Limitations of asymptotic root error analysis for real-time integration algorithms 33547
Panzlaff, K., Hackbarth, T., Zeeb, E., Wipiejewski, T., Ebeling, K.J. Growth of InAlGaAs multilayer structures for high power and submilliamp vertical cavity lasers 9641
Panzlaff, K. *see* Moller, B. 38095
Panzlaff, K. *see* Wipiejewski, T. 20788
Panzlaff, K. *see* Wipiejewski, T. 35355
Pao, C.K. *see* Wu, C.S. 19088
Pao, D., Li, H.F., Jayakumar, R. A decomposable parameter space for the detection of ellipses 22127
Pao, T.L., Mann, L.A., Benkeser, P.J. Digital processing for improved elevation resolution in a three-dimensional tapered phased array imaging system 13506
Pao, Y.-H. *see* Djukanovic, M. 24629
Pao, Y.-H. *see* Lau, J. 42285
Pao, Y.-H. *see* Sobajic, D.J. 16126
Pao, Y.-H. *see* Sobajic, D.J. 24657
Pao, Y.C. *see* Majidi-Ahy, R. 10453
Pao, Y.C. *see* Roos, G. 2178
Pao, Y.C. *see* Yuen, C. 19089
Pao Hsiao-Tien *see* Hsiao-Tien Pao
Pao Li *see* Li Pao
Pao-Chi Chang *see* Kandlur, D. 37609
Pao-Chu Chen *see* Pole-Shang Lin 19497
Pao-Lo Liu, Bing-Jing Li Semivectorial Helmholtz beam propagation by Lanczos reduction 36312
Pao-Lo Liu, Li, B.J. Full-vectorial mode analysis of rib waveguides by iterative Lanczos reduction 44513
Pao-Long Chang, Shih, C., Chiung-Wen Hsu Linking technology development to commercial applications 191
Pao-Long Chang *see* Hsu, G.J.Y. 9058
Pao-Shan Weng *see* Pin-Chieh Hsu 47147
Paola, C. *see* Suhir, E. 43412
Paola, R.Di *see* Di Paola, R.
Paola Barbara *see* Holm, J. 2908
Paolella, A., Malone, S., Higgins, T., Scheiner, B., Adler, E. Fiber optic dual delay line for a multi-mode radar test target simulator 6132
Paolella, A. *see* Berceli, T. 27211
Paolella, A. *see* Madjar, A. 1530
Paolella, A. *see* Madjar, A. 34250
Paolella, A. *see* Mizan, M.A. 10440
Paoletti, A. *see* Messina, G. 11100
Paoletti, A. *see* Messina, G. 27807
Paoletti, A. *see* Messina, G. 28052
Paoletti, D., Schirripa Spagnolo, G., Facchini, M., Zanetta, P. Artwork diagnostics with fiber-optic digital speckle pattern interferometry 23649
Paoletti, D., Schirripa Spagnolo, G., Zanetta, P., Facchini, M., Albrecht, D. Manipulation of speckle fringes for non-destructive testing of defects in composites 41545
Paoletti, D., Spagnolo, G.S. Fast Fourier transformed electronic speckle contouring for diffuse surfaces profilometry 38701
Paoletti, D. *see* Facchini, M. 899
Paoletti, D. *see* Schirripa Spagnolo, G. 12491
Paoli, I.De *see* De Paoli, I.
Paoli, M.-A.De *see* De Paoli, M.-A.
Paoli, M.A.De *see* De Paoli, M.A.
Paolo, F.Di *see* Di Paolo, F.
Paolo Rossi, G. *see* Aiello, R. 30166
Paoloni, C., Kosslowsky, S. Graphical design method for traveling wave amplifier based on filter theory 1589
Paoloni, C. *see* D'Agostino, S. 10494
Paoloni, C. *see* D'Agostino, S. 42220
Paoloni, F.J., Lesha, M.J. Image reconstruction of buried objects using an impulse radar model 6122
Paoloni, F.J. *see* Andrew, J.P. 36908
Paolucci, S. *see* Arnaudon, H. 46878
Paoluzi, A. *see* Turilli, G. 28376
Paoluzi, L. *see* Antonelli, A. 24054
Paor, M.de *see* de Paor, M.
Pap, R. *see* Saeks, R. 24414
Papa, C.Del *see* Del Papa, C.
Papadakis, N., Barlow, G., Bennett, W., Shuster, N., Specht, S. Performance of rechargeable lithium-alloy/metal disulfide pulse power bipolar batteries 17210
Papadas, C., Ghibaudo, G., Pio, F., Monserie, C., Pananakakis, G., Mortini, P., Riva, C. On the charge build-up mechanisms in gate dielectrics 27595
Papadas, C., Mortini, P., Monserie, C., Ghibaudo, G., Pananakakis, G. Reliability issues of offset drain transistors after different modes of electrical stress 2523
Papadas, C. *see* Gigon, F. 1222
Papadas, C. *see* Moison, B. 10147
Papadas, C. *see* Monserie, C. 43154
Papadimitriou, D.V., Dennis, T.J. Nonlinear smoothing of stereo disparity maps 45059
Papadopoulos, C.V., el Zahni, A.H. Protection and routine algorithms for network management: the case of transmission networks 5356
Papadopoulos, D. *see* Sparis, P.D. 8250
Papadopoulos, D.P., Bandekas, D.V., Smith, J.R. Robust excitation controller design for synchronous generators using output feedback 25409
Papadopoulos, G., Efstathiou, K., Li, Y., Delis, A. Development of a passive acoustic system for real time source detection, tracking and recognition 4687
Papadopoulos, G., Otugen, M.V. A simple automated hot-wire positioning technique for near-wall measurements 6348
Papadopoulos, G. *see* Kopsachilis, V. 5535
Papadopoulos, G.K. *see* Koutras, M.V. 41026
Papadopoulos, K., Milikh, G., Gurevich, L.A., Drobot, A., Shanny, R. Ionization rates for atmospheric and ionospheric breakdown 4111
Papadopoulos, M.P. *see* Malatestas, P.B. 25285
Papadopoulou, Th.D. *see* Adam, W. 46929
Papadopulos, P., Scholz, A., Bauer, S., Schroder, B., Oechsner, H. Deposition of device quality a-Si:H films with the hot-wire technique 33715
Papadrakakis, M., Bitoulas, N. Accuracy and effectiveness of preconditioned conjugate gradient algorithms for large and ill-conditioned problems 9485
Papaefthymiou, M.C. Understanding retiming through maximum average-delay cycles 26843
Papageorgas, P. *see* Soilemes, A. 15993
Papageorge, M. *see* Robinson, D.L. 9282
Papageorgiou, C.D. *see* Avgerinos, J.A. 16173
Papageorgiou, C.D. *see* Avgerinos, J.A. 16628
Papageorgiou, G., Tsitouras, C., Papakostas, S.N. Runge-Kutta pairs for periodic initial value problems 9469
Papageorgiou, J.C. Issues on the future of R&D and innovation in the USA 178
Papageorgiou, M. *see* Banos, J.C.M. 22377
Papagiannakis, A.G. *see* Golias, N.A. 36329
Papailiou, K. *see* Loukis, E. 47777
Papaioannou, D.A., Dimopoulos, K.Z., Avaritsiotis, J.N. Simulation of crosstalk in high-speed multilayer off-chip interconnections 10984
Papaioannou, G.J. *see* Bath, A. 27599
Papaioannou, G.J. *see* Kourkoutas, C.D. 28061
Papaionnou, J. *see* Wu, C. 24368
Papakostas, D.K., Hatzopoulos, A.A. Correlation-based comparison of analog signatures for identification and fault diagnosis 10356
Papakostas, D.K., Hatzopoulos, A.A. Supply current testing in linear bipolar ICs 28256
Papakostas, S.N. *see* Papageorgiou, G. 9469
Papakostopoulos, D., Barber, C., Dean-Hart, J.C. The sampling properties of different types of ERG electrode 15845
Papalau, I. *see* Bala, C. 32824
Papalexopoulos, A.D., Hao, S., Peng, T.-M. Short-term system load forecasting using an artificial neural network 24864

Papamarcou, A. *see* Po-Ning Chen 44856
Papamichail, M. *see* Karvelas, D. 22516
Papanastasiou, M., Pearce, R. The international isation of research and development by Japanese enterprises 40855
Papandreou, A., Hlawatsch, F., Boudreaux-Bartels, G.F. A unified framework for the Bertrand distribution and the Altes distribution: the new hyperbolic class of quadratic time-frequency distributions 15304
Papandreou, A., Hlawatsch, F., Boudreaux-Bartels, G.F. The hyperbolic class of quadratic time-frequency representations. I. Constant-Q warping, the hyperbolic paradigm, properties, and members 44973
Papandreou, Z. *see* Blok, H.P. 38945
Papanicolaou, N. *see* Halkias, G. 42225
Papanicolaou, N.A., Jones, S.H., Jones, F.R., Anderson, W.T. All-refractory GaAs FET using amorphous TiWSi, source/drain metallization and graded $In_xGa_{1-x}As$ layers 42999
Papanikolopoulos, N.P. *see* Lau, P. 21938
Papantoni-Kazakos, P., Delic, H., Paterakis, M., Tan, M. Transmission algorithms for a multichannel packet radio system with priority users 03817
Papantoni-Kazakos, P. *see* Delic, H. 4778
Papantoniou, S.J. A multipath channel model for mobile radio communications 47776
Papush, A.J. *see* Dolinsky, A.V. 15287
Papush, A.J. *see* Dolinsky, A.V. 15677
Papastavridis, S.G. *see* Koutras, M.V. 41026
Papastavridis, S.G. *see* Stakiannakis, M.E. 17972
Papatheodorou, T.S. *see* Batalama, S.N. 930
Papathomas, K.I. *see* Wang, D.W. 40941
Papatsoris, A.D., Watson, P.A. Potential use of oxygen absorption bands for aeronautical communications 12595
Papatsoris, A.D., Watson, P.A. Calculation of absorption and dispersion spectra of atmospheric gases at millimetre wavelengths 21243
Papavassiliou, C. *see* Georgakilas, A. 740
Papavramidis, A., Paschalis, A., Myrtue, O., Dangakis, K., Tombras, G., Kostarakis, P. A conformance test system for DECT physical layer 47891
Papavramidis, A. *see* Dangakis, K. 37826
Pape, D.R. *see* Lange, M.R. 11713
Papiernik, A. *see* Bennegueouche, J. 21382
Papiernik, A. *see* Brachet, P. 36425
Papiernik, A. *see* Damiano, J.P. 21408
Papiernik, A. *see* Damiano, J.P. 36384
Papiernik, A. *see* Labeurte, J.M. 21455
Papiernik, A. *see* Ruzban, T. 36375
Papiernik, A. *see* Robert, B. 4322
Papini, B. *see* Barbetta, L. 22862
Papmichail, M. *see* Karvelas, D. 5539
Papon, A.M. *see* Becourt, N. 683
Papoulis, A. Pulse compression, fiber communications, and diffraction: a unified approach 35826
Papoulis, A. *see* Rozario, N. 5848
Papousek, W. *see* Sommariva, H. 21202
Papousek, W. *see* Sommariva, H. 29141
Papp, G. *see* Fuhrer, W.M. 17024
Pappalardo, M. *see* Fiorillo, A.S. 9851
Pappas, A. *see* Schulz, M. 28154
Pappas, C. *see* Stamkopoulos, T. 24311
Pappas, T.N. *see* Dong, C.-K. 31490
Pappas, T.N. *see* Neuhoff, D.L. 37022
Pappert, S.A. *see* Yu, L.S. 28828
Pappin, P.A. *see* Tobias, H. 17292
Papshev, V.A. *see* Kolokol'tsev, V.M. 38453
Papuchon, M. *see* Mesquida, G. 20875
Papuchon, M. *see* Raffy, J. 44065
Papureanu, S. *see* Grieser, M. 6900
Papureanu, S. *see* Grieser, M. 15303
Papureanu, S. *see* Kleffner, C.-M. 15524
Papureanu, S. *see* von Hahn, R. 15518
Papworth, K. *see* Candelaria, J. 2648
Papziner, U. *see* Hauth, W. 27155
Papziner, U. *see* Ihmels, R. 1492
Papziner, U. *see* Sieverding, T. 19021
Paquet, E. Range image segmentation using the Fourier transform 13545
Paquet, E., Arsenault, H.H., Rioux, M. Segmentation of range images using phase Fourier transform 22093
Para, A. *see* Budagov, J. 46955
Para, A. *see* Fanourakis, G.K. 24011
Paraboni, A. *see* Arcau, A. 29179
Paraboni, A. *see* Mauri, M. 22960
Paradis, V.R. *see* Lynch, T.J. 11018
Paradis, V.R. *see* Sobodacha, C.J. 11017
Paradisi, A. *see* Hui, R. 3601
Paradiso, J. *see* Korytov, A. 46949
Par. dowski, L. A versatile algorithm of object position estimation including position uncertainty of measuring points 46146
Parameshu, S.T. *see* Venkatesh, S.K. 11354
Parameswaran, M., Paranjape, M. Layout design rules for microstructure fabrication using commercially available CMOS technology 43097
Parameswaran, M. *see* Gaitan, M. 19988
Parameswaran, M. *see* Syrzycki, M.J. 23716
Parameswaran, S., Schulz, M.F. A critical look at adaptive logic networks 1358
Parameswaran, S. *see* Balasubramanyam, P.V. 47152
Paramonov, D. *see* El-Genk, M.S. 32046
Paramonov, V.V. *see* Konovalov, V.A. 15495
Paramonov, Yu.M. *see* Bermas, T.B. 43752
Paranchych, D.W., Beaulieu, N.C. Analysis and comparison of two discrete phase control digital bit synchronizers 29704
Paranjape, M., Filanovsky, I., Ristic, L. Integrated micromachined magnetic field sensor with on-chip support circuitry 46356
Paranjape, M., Ristic, L., Allegretto, W. Simulation, design and fabrication of a vertical Hall device for two-dimensional magnetic field sensing 46358
Paranjape, M. *see* Parameswaran, M. 43097
Paranjpe, A. *see* Moslehi, M.M. 28269
Parao, G.J. *see* Bethel, R.E. 44859
Parao, P. Operational performance and quality control of Anger type gamma cameras including SPECT 24185
Parascandolo, P. *see* Aloisio, A. 46997
Paraschuk, D.Yu., Zaitseva, N.P., Zheludev, N.I. Nonlinear frequency converters as sources and detectors of polarized light with linear polarization degree of 10^{-9} 21057
Parashar, M. *see* Hariri, S. 13896
Parashar, S., Langhaar, E., McNally, J., Ahmed, S. RADARSAT mission requirements and concept 32072
Parashkov, I. *see* Dammer, U. 28348
Parashkov, I. *see* Hug, H.J. 6743
Parasiliti, F., Villani, M. Optimized design of a double-cage induction motor 40203
Parasnis, N.C. *see* Kline, R.A. 9848
Parasuraman, R. *see* Molloy, R. 15955
Parasyna, A. *see* Popov, S. 3004
Parayanthal, P. *see* Twu, Y. 3596
Parazzoli, C.G. *see* Qumsiy, D.C. 43999
Parbrook, P.J. *see* Onomura, M. 12234
Pardalos, P.M. *see* Chi-Guen Han 565
Pardalos, P.M. *see* Murthy, K.A. 567
Pardas, M. *see* Bonafonte, A. 13121
Pardavi-Horvath, M., Vertesy, G. Measurement of the switching properties of a regular 2-D array of Preisach-type particles 43292
Pardo, D. *see* Gonzalez, T. 11126
Pardo, D. *see* Gonzalez, T. 19360
Pardo, D. *see* Varani, L. 19707
Pardo, J.A. *see* Menendez, M.L. 4356
Pardo, J.A. *see* Pardo, M.C. 29413
Pardo, M.C., Pardo, J.A. A test for independence based on the information energy 29413
Pardoe, B.H. *see* Case, D.R. 6188
Pardoe, B.H. *see* Siguik, H.I. 5401
Pardoen, M., Pache, R., Dijkstra, E. Direct-conversion receiver provides CP-FSK operation 46191
Pardue, A.L., Jr. *see* Limpaecher, R. 32118
Pare, C. *see* Champagne, Y. 44042
Parekh, A.K., Gallager, R.G. A generalized processor sharing approach to flow control in integrated services networks: the single-node case 5592
Parekh, B., Vakhshoori, K., Zahka, J. Particle control - filtration of high-purity DI water for semiconductor manufacturing 9211
Parekh, S.V. Postpolarizer mismatch effects in waveguide radiating systems 42160
Parent, A. *see* Groussin, B. 20862
Parent, A. *see* Maurel, P. 20914
Parent, D. *see* Lazar, J. 47977
Parent, F. *see* Tremblay, M. 38568
Parent, M.G. *see* Isman, R.D. 44635
Parente, M. *see* Pomponi, R. 45737
Parente, P. *see* Dionisi, S. 5749
Parenteau, M. *see* Khanna, S.M. 34513
Parfenov, A.V. *see* Aleksandrovich, S.V. 3229
Parfenov, B.M. *see* Abramov, B.I. 40524
Parfenov, V., Shashkin, V., Stepanov, E. Numerical investigation of thermally induced birefringence in optical elements of solid-state lasers 3536
Parham, D. *see* Abdulally, I. 8169
Parham, T.G., Auyang, L. Durable cold-mirror coatings for display lighting 48450
Parham, T.G. *see* Bergman, R.S. 8968
Parhi, K.K. Impact of architecture choices on DSP circuits 26972
Parhi, K.K. Calculation of minimum number of registers in arbitrary life time chart 41944
Parhi, K.K. *see* Lucke, L.E. 1242
Parhi, K.K. *see* Raghunath, K.J. 34172
Parhi, K.K. *see* Shanbhag, N.R. 21990
Parhi, K.K. *see* Shanbhag, N.R. 34009
Parhi, K.K. *see* Shanbhag, N.R. 34167
Pari, P. *see* Soudee, J. 23600
Pari, P. *see* Yvon, D. 24015
Paris, M.K. *see* Maiti, H.S. 17266
Paridaens, J. *see* Segers, D. 31553
Parihar, S. *see* Kurdak, C. 28198
Parijs, R.Van *see* Van Parijs, R.
Parijskij, Y.N. RATAN-600: the World's biggest reflector at the 'cross roads' 6167
Parijskij, Y.N. *see* Pinchuk, G.A. 23248
Parikh, A. *see* Abadir, M. 9288
Parikh, A.N. *see* Lercel, M.J. 27964
Parikh, J.A. *see* DaPonte, J. 29772
Parikh, J.K. *see* Chattopadhyay, D. 39956
Parikh, N.R. *see* Frey, E.C. 2102
Parikh, N.R. *see* Kwok, C.K. 35141
Parikh, P.E. *see* More, D.V. 16374
Parikh, P.S. *see* Abramovici, M. 1190
Parikh, S. *see* Sienicki, J. 41844
Paris, L. *see* Calderon, J.C. 22572
Parise, G. *see* Grasselli, U. 32490
Parise, S.A. *see* Vida-Torku, E.K. 10134
Pariser, T.E. *see* Mintzer, F. 29764
Parish, D.J. *see* Chia, L.T. 45620
Parish, D.J. *see* Marquez-Villegas, R.M. 14026
Parish, J.T. Nonlinear dynamics techniques in signal processing 4604
Parish, R. Oscilloscope measurements in electrical power systems 25057
Parisi, A.V., Allen, G.D. A computerized acquisition technique for the Wingate anaerobic test 47113
Parisi, G. *see* Amendola, G. 15300
Parisi, G. *see* Cervellera, F. 15397
Parisi, G. *see* Lombardi, A. 15304
Parisi, J. *see* Hirsch, M. 34501
Parisi, J. *see* Richter, R. 42396
Parisi, L.A. *see* Holstein, W.L. 11513
Parisini, A. *see* Brizard, C. 19536
Parisini, T., Zoppoli, R. Team theory and neural networks for dynamic routing in traffic and communication networks 13922
Parisini, T. *see* De Rossi, D. 14975
Parisot, M. *see* Ouvrard, P.-L. 19116
Parizet, E. Speech intelligibility mappings in a car compartment 4474
Parizet, M.J. *see* Lefort, A. 40372
Park, B. *see* Hashim, I. 770
Park, B.W., Choi, J.I., Hur, C.W., Oh, T.K., Kang, I.K. Microcrystalline silicon in image sensor 23710
Park, C., Itoh, K., Kurosawa, K. Efficient anonymous channel and all/nothing election scheme 29495
Park, C., Kurosarva, K., Okamoto, T., Tsujii, S. On key distribution and authentication in mobile radio networks 37754
Park, C.-B. *see* Lee, J.-U. 42253
Park, C.-M. *see* Kim, C. 14124
Park, C.G. *see* Han, W.S. 28032
Park, C.K. *see* Joon-Eon Yang 39717
Park, C.O., Polonsky, L., Suckewer, S. Recent results on development of a table-top soft X-ray laser 35647
Park, C.S. *see* Oh, C.J. 9205
Park, C.W. *see* Vook, R.W. 2209
Park, D., Mohammed, O., Azeem, A., Merchant, R., Dinh, T., Tong, C., Farah, J., Drake, C. Load curve shaping using neural networks 16267
Park, D., Mohammed, O., Merchant, R., Dinh, T., Tong, C., Azeem, A., Farah, J., Drake, C. Forecasting abnormal load conditions with neural networks 16263
Park, D. *see* Boos, J.B. 1554
Park, D.C. *see* Mohammed, O.A. 16772
Park, D.C. *see* Mohammed, O.A. 42107
Park, D.J., Park, R.-H., Lee, S.U., Choi, J.S. Hierarchical edge detection using the bidirectional information in edge pyramids 22257
Park, E., Meek, S.G. Fatigue compensation of the electromyographic signal for prosthetic control and force estimation 24347
Park, E.H. *see* Hahn, S.J. 43989
Park, E.H. *see* Ntuen, C.A. 7523
Park, E.K. *see* Wei Liu 37279
Park, G.S. *see* Uhm, H.S. 19302
Park, G.T. *see* Yoo, J.S. 35842
Park, H., Helms, C.R., Ko, D., Tran, M., Triplett, B.B. Effect of surface iron on gate oxide integrity and its removal from silicon surfaces 34751
Park, H., Prasanna, V.K. Area efficient VLSI architectures for Huffman coding 18764
Park, H. *see* Abbott, B. 7245
Park, H. *see* Helms, C.R. 34745
Park, H.H., Kwon, K.H., Lee, S.H., Nahm, S., Lee, J.W., Koak, B.H., Suh, K.S., Kwon, O.J., Lee, J.L., Yeom, G.Y. Effects of post etch treatments on contaminated silicon surface due to CHF_3/C_2F_6 reactive ion etching 34740
Park, H.K. *see* Grigoropoulos, C.P. 19547
Park, H.L. *see* Choi, W.J. 42708
Park, H.M. *see* Choi, S.W. 2072
Park, H.M. *see* Choi, S.W. 28205
Park, J. *see* Abbott, B. 7245
Park, J. *see* Abbott, B. 31776
Park, J. *see* Buckman, L.A. 28867
Park, J. *see* Georges, J.B. 30586
Park, J. *see* Georges, J.B. 30752
Park, J. *see* Kapur, R. 1196
Park, J. *see* Lee, S. 22182
Park, J. *see* Line, T.L. 23637
Park, J.-G., Kwak, Y.-S., Lim, C.-S., Kwack, K.D., Hahn, S. Effects of carbon and oxygen impurities in Czochralski Si upon device performance and yield of 1 Mb dynamic random access memory 2672
Park, J.-G., Kwak, Y.-S., Lim, C.-S., Kwack, K.D., Hahn, S. Effect of oxygen content of starting Si substrate and a pre-initial oxidation internal gettering treatment upon 256 K dynamic random access memory 2678
Park, J.-G. *see* Lee, G.-S. 10861
Park, J.-S. *see* Lee, D.-H. 6227
Park, J.B. *see* Hariri, S. 13896
Park, J.C., Lee, J.D., Venables, D., Krause, S., Roitman, P. Role of oxygen precipitation processes in defect formation and evolution in

oxygen implanted silicon-on-insulator material 10864
Park, J.C. *see* Lee, J.D. 10776
Park, J.H., Kim, Y.S., Eom, I.K., Lee, K.Y. Economic load dispatch for piecewise quadratic cost function using Hopfield neural network 24702
Park, J.H. *see* Lee, K.Y. 24862
Park, J.K. *see* Jung, Y.G. 8450
Park, J.S., Lin, T.L., Jones, E.W., Del Castillo, H.M., George, T., Gunapala, S.D. Long-wavelength stacked $Si_{1-x}Ge_x$/Si heterojunction internal photoemission infrared detectors for FPA 31214
Park, J.S., Lin, T.L., Jones, E.W., Gunapala, S.D., Soli, G.A., Wilson, B.A. Proton irradiation effects on strained $Si_{1-x}Ge_x$/Si heterostructures 19736
Park, J.S. *see* Chung, I.J. 11226
Park, J.S. *see* Gunapala, S.D. 42878
Park, J.S. *see* Hwang, J.R. 28150
Park, J.S. *see* Lee, S.K. 28151
Park, J.S. *see* Lee, S.K. 34999
Park, J.S. *see* Lin, T.L. 31215
Park, J.S. *see* Lin, T.L. 46458
Park, J.S. *see* Min, B.H. 28523
Park, J.S. *see* Nayak, D.K. 19839
Park, J.S. *see* Oh, C.H. 11228
Park, J.Y., Lee, M.H., Lee, K.J. A simple concealment for ATM bursty cell loss 13526
Park, J.Y. *see* Labroo, S. 12539
Park, K. Warp control: a dynamically stable congestion protocol and its analysis 30204
Park, K. Warp control: a dynamically stable congestion protocol and its analysis 30242
Park, K. *see* Bhattacharya, S. 11163
Park, K. *see* Kumagai, Y. 41282
Park, K. *see* Sultan, A. 19519
Park, K.H., Eom, H.J., Park, T.J. Surface wave scattering from a notch in a dielectric-covered ground plane: TE-mode analysis 44335
Park, K.H., Eom, H.J., Yamaguchi, Y. An analytic series solution for E-plane T-junction in parallel-plate waveguide 42169
Park, K.S. Condition-based predictive maintenance by multiple logistic function 40880
Park, K.S., Yoo, Y.K. (τ, k) block replacement policy with idle count 40881
Park, M.K. *see* Huang, J.Y. 15448
Park, M.S., Minasian, R.A. Low-noise optical receiver network synthesis using general noise figure concepts 45982
Park, M.S., Minasian, R.A. Synthesis of lossy noise matching network for flat-gain and low-noise tuned optical receiver design 46002
Park, M.S., Yun, T.Y. High sensitivity 2.5 Gb/s APD - HEMT optical receiver employing lossy noise matching network 38051
Park, N.A. *see* Insik Kim 31482
Park, R.-H. *see* Park, D.J. 22257
Park, R.M. *see* Liu, H. 18176
Park, S., Akers, S.B. A graph theoretic approach to partial scan design by K-cycle elimination 1165
Park, S., Funderburk, D.M. Frequency enhanced digital AM radio 22788
Park, S., Gho, S., Choe, B. Origin of the long-wavelength-side peak in $Al_xGa_{1-x}As$:Si light-emitting diodes 3353
Park, S., Jeong, W., Kim, H., Kim, I., Choe, B. Optimization of threshold current density for compressive-strained InGaAs/GaAs quantum well lasers 20875
Park, S. *see* Bernstein, A. 31661
Park, S. *see* Bylsma, B. 15667
Park, S. *see* Funderburk, D.M. 38240
Park, S. *see* Hartman, S.C. 38818
Park, S. *see* Rosenzweig, J. 42357
Park, S. *see* Vetanen, B. 27782
Park, S. *see* Wang, M.-Z. 31689
Park, S.-C., Davies, G., Higgs, V., Sawyer, W.D. Carbon as a probe of edge-defined film-fed growth silicon 41229
Park, S.-G., Liu, W.S., Nicolet, M.-A. Kinetics and mechanism of wet oxidation of Ge_xSi_{1-x} alloys 34785
Park, S.-S., Zheng, H., Mackenzie, J.D. Ethanol gas sensing properties of SnO_2-based thin-film sensors prepared by the sol-gel process 15105
Park, S.B., Ryu, C.S., Lee, K.K. Multiple target angle tracking algorithm using predicted angles 44874
Park, S.B. *see* Rew, C.Y. 7669
Park, S.D. *see* Kang, K.S. 16513
Park, S.G. *see* Lee, J.H. 35101
Park, S.I. *see* Son, J.C. 29576
Park, S.I. *see* Yun, J.S. 22785
Park, S.K., Harvey, S., Kincaid, R.K., Miller, K. Alternate server disciplines for mobile-servers on a congested network 26280
Park, S.K. *see* Bylsma, B.G. 31675
Park, S.K. *see* Hazra, R. 22089
Park, S.W. *see* Paik, J.K. 14778
Park, T. *see* Kwo, K.-W. 9796
Park, T.H. *see* Kim, C.H. 29340
Park, T.J., Eom, H.J. Analytic solution for TE-mode radiation from a flanged parallel-plate waveguide 4178
Park, T.J., Eom, H.J. Scattering and reception by a flanged parallel-plate waveguide: TE-mode analysis 21342
Park, T.J., Eom, H.J., Yamaguchi, Y., Boerner, W.-M., Kozaki, S. TE-scattering from a dielectric-loaded semi-circular trough in a conducting plane 12581
Park, T.J., Eom, H.J., Yoshitomi, K. An analysis of transverse electric scattering from a rectangular channel in a conducting plane 4066
Park, T.J., Kang, S.H., Eom, H.J. TE scattering from a slit in a thick conducting screen: revisited 44326
Park, T.J. *see* Kang, S.H. 4062
Park, T.J. *see* Park, K.H. 44335
Park, W., Fister, L., Johnson, D.C., Cohen, J.D. Electrical properties of a new amorphous molybdenum-selenium semiconducting compound produced by the annealing of ultrathin multilayer composites 34527
Park, W.K., Chae, G.S., Givargizov, E.I., Limanov, A.B., Kiselev, A.N. Crystallization of a-Si films on low-melting-point glass substrates 9743
Park, W.K. *see* Hwang, S.C. 7977
Park, Y., Skowronski, M., Rosseel, T.M. Alkoxide doping of GaAs during organometallic vapor phase epitaxy 42659
Park, Y. *see* Oh, D. 41038
Park, Y.-J. *see* Lee, W.-H. 19866
Park, Y.-K. *see* Delavaux, J.-M.P. 30850
Park, Y.-O. Application of variable-rate convolutional code for mobile communications 14493
Park, Y.-P. *see* Lee, J.-U. 42253
Park, Y.J. *see* Moh, K.G. 19713
Park, Y.J. *see* Song, D.H. 19813
Park, Y.K. *see* Delavaux, J.-M.P. 3508
Park, Y.M. *see* Khaldi, M.R. 32221
Park Byoung Seob *see* Byoung Seob Park
Park Byung-Sun *see* Byung-Sun Park
Park Chan Hun *see* Chan Hun Park
Park Chan-Hoon *see* Chan-Hoon Park
Park Chan-Ik *see* Chan-Ik Park
Park Cheon-Seok *see* Cheon-Seok Park
Park Choon-Geun *see* Choon-Geun Park
Park Deung-Yong *see* Deung-Yong Park
Park Dong-Jo *see* Dong-Jo Park
Park Georgui *see* Georgui Park
Park Gwi-Tae *see* Gwi-Tae Park
Park Han Kyu *see* Han Kyu Park
Park Hee-Kook *see* Hee-Kook Park
Park Heemyong *see* Heemyong Park
Park Heonchul *see* Heonchul Park
Park Heung Ok *see* Heung Ok Park
Park Hyung Ho *see* Hyung Ho Park
Park Hyung Moo *see* Hyung Moo Park
Park In Sik *see* In Sik Park
Park In Yong *see* In Yong Park
Park Jae Hwan *see* Jae Hwan Park
Park Jae-Woo *see* Jae-Woo Park
Park Jeong-Seon *see* Jeong-Seon Park
Park Jin-Soon *see* Jin-Soon Park
Park Jinhyeong *see* Jinhyeong Park
Park Jong Wan *see* Jong Wan Park
Park Jong-Chul *see* Jong-Chul Park
Park Jong-Keun *see* Jong-Keun Park
Park Jong-Wan *see* Jong-Wan Park
Park Joo Wook *see* Joo Wook Park
Park Joongseo *see* Joongseo Park
Park Jung-Chul *see* Jung-Chul Park
Park Jung-Heum *see* Jung-Heum Park
Park Jung-Seok *see* Jung-Seok Park
Park Keunseop *see* Keunseop Park
Park Ki-Sung *see* Ki-Sung Park
Park Kwang Kyu *see* Kwang Kyu Park
Park Kwang Mean *see* Kwang Mean Park
Park Kyo Ho *see* Kyo Ho Park
Park Kyu Chang *see* Kyu Chang Park
Park Kyu Ho *see* Kyu Ho Park
Park Kyung-Ho *see* Kyung-Ho Park
Park Min-Ho *see* Min-Ho Park
Park Namkyoo *see* Namkyoo Park
Park Rae-Hong *see* Rae-Hong Park
Park Sang-June *see* Sang-June Park
Park Se Ii *see* Se Ii Park
Park Seo Yeon *see* Seo Yeon Park
Park Seon-Kyu *see* Seon-Kyu Park
Park Seong Ill *see* Seong Ill Park
Park Seong-Ju *see* Seong-Ju Park
Park Seop Hyeong *see* Seop Hyeong Park
Park Seungchul *see* Seungchul Park
Park Sin-Chong *see* Sin-Chong Park
Park Soon-Ja *see* Soon-Ja Park
Park Sung *see* Sung Park
Park Sung-Ho *see* Sung-Ho Park
Park Tae Ho *see* Tae Ho Park
Park Tai-Su *see* Tai-Su Park
Park Yong Ki *see* Yong Ki Park
Park Yong-Jin *see* Yong-Jin Park
Park Yong-Kwan *see* Yong-Kwan Park
Park Young Chul *see* Young Chul Park
Park Young June *see* Young June Park
Park Young Wook *see* Young Wook Park
Park Young-June *see* Young-June Park
Park Yun-Bo *see* Yun-Bo Park
Parke, I. *see* Morrison, G. 45073
Parke, R. *see* Lang, R.J. 12197
Parke, R. *see* O'Brien, S. 12232
Parke, R. *see* Waarts, R. 29019
Parke, R.A. *see* O'Brien, S. 12198
Parke, S., Assaderaghi, F., Hu, C., Ko, P.K. Nearly-fully-depleted (NFD), 0.15 μm SOI CMOS in a CBiCMOS technology 20024
Parke, S. *see* Assaderaghi, F. 19835
Parke, S.A. *see* Chan, M. 42942
Parker, A. Error analysis and simulation for APMI 21799
Parker, A.E., Scott, J.B. Intermodulation nulling in GaAs MESFETs 10451
Parker, A.E. *see* Anand, V. 41569
Parker, A.E. *see* Khanifar, A. 30746
Parker, B. The field addressed electro-hologram 29052
Parker, B.H., Ray, A.K., Ghassemlooy, Z. Crosstalk in the interconnection bus for a high-speed digital logic circuit 33975
Parker, C.R. *see* Satherley, B.L. 13610
Parker, C.U. How to select ferrites and how they work 36253
Parker, D.F. *see* Malomed, B.A. 3026
Parker, D.H. *see* Fagan, P.J. 9804
Parker, D.L. *see* Lee, S. 19742
Parker, E. *see* Chang, T.K. 21444
Parker, E.A., El Sheikh, A.N.A., Lima, A.C.deC. Convoluted frequency-selective array elements derived from linear and crossed dipoles 4316
Parker, E.A. *see* Cahill, R. 4342
Parker, E.A. *see* Lima, A.C.deC. 36428
Parker, F.T., Berkowitz, A.E., Slade, S.B. H_k distributions and H_c calculations for magnetic recording particles 35209
Parker, G.J. *see* Zhang, J.P. 33597
Parker, I.D. Carrier tunneling and device characteristics in polymer light-emitting diodes 43658
Parker, I.D., Kim, H.H. Fabrication of polymer light-emitting diodes using doped silicon electrodes 43660
Parker, J. *see* Harrison, H.B. 2176
Parker, J. *see* Pahl, J. 45897
Parker, J.L., Jr., Robinson, A.W., Jacobson, J.T., Horton, J.S. Performance of printed wiring boards coated with imidazole and assembled in no clean processes 34429
Parker, J.R., Groisman, G. Simulated annealing for data modeling in scientific images 4864
Parker, J.R., Horsley, D. Grey level encoding of openings and closings 36867
Parker, J.R. *see* Machala, C.F., III 42887
Parker, J.T. *see* Jenkins, R.M. 28516
Parker, J.V. *see* Tidman, D.A. 36127
Parker, J.W. The prospects for optical interconnections 11901
Parker, K.A. *see* Thompson, D.W. 18562
Parker, K.J. *see* Alam, S.K. 7398
Parker, K.J. *see* Meng Yao 30137
Parker, K.R. Automated implementation of a signalling protocol using PROMPT 13918
Parker, L.L. *see* Atriss, A.H. 10016
Parker, M., Niziolek, F., Brittin, J. Online expert systems for monitoring nuclear power plant accidents 25137
Parker, M., Ryan, J. A column generation algorithm for bandwidth packing 30264
Parker, M. *see* Jones, S. 20319
Parker, M.A., Hylton, T.L., Coffey, K.R., Howard, J.K. Solid phase heteroepitaxy of barium ferrite on sapphire 33667
Parker, M.A. *see* Bates, S. 24057
Parker, M.A. *see* Borer, K. 7221
Parker, M.J. Battery locomotive and battery selection 48242
Parker, P.A. *see* Morin, E. 15914
Parker, P.E. *see* Barret, J.W. 33511
Parker, S.C.J. *see* Holden, C.M.E. 12410
Parker, S.I. *see* Kenney, C.J. 46973
Parker, S.M. *see* Reynolds, C.L., Jr. 19416
Parker, T.E. Dependence of SAW resonator $1/f$ noise on device size 20121
Parker, T.E., Montress, G.K. Spectral purity of acoustic resonator oscillators 20113
Parker, T.E. *see* Montress, G.K. 18518
Parker, W. *see* Wender, S.A. 7232
Parkes, A.W. SIGMA a universal platform for drive control 8891
Parkes, D.M. High power microwave research 47989
Parkes, D.M. *see* Cloude, S.R. 46046
Parkes, W., Thoms, S., Wilkinson, C.D.W. Application of electron beam lithography to pattern sub-micron features in a beam forming grating 35617
Parkes, W. *see* Murad, S.K. 27741
Parkes, W. *see* Turunen, J. 12460
Parkey, R.W. *see* Anderson, J.A. 24244
Parkey, R.W. *see* Prior, J.O. 24074
Parkin, M. *see* Agarwal, A. 18772
Parkin, R.M., Dalay, B.S. Readout systems for linear transducers 6479
Parkin, R.M. *see* Dalay, B.S. 46635
Parkin, S.S.P. *see* Farrow, R.F.C. 9525
Parkin, T.S., Preston, T.W. Induction motor analysis using finite elements 8383
Parkin, T.S. *see* Fair, R.J. 8277
Parkinson, G. *see* Wilson, M.P. 27238
Parkinson, J.B. *see* Vydyanath, H.R. 10791
Parkkinen, R. *see* Juuma, T. 9359
Parkkinen, R. *see* Tyni, P. 17518
Parkkonen, L.T. *see* Ahonen, A.I. 24214
Parks, M.A.N., Butt, G., Evans, B.G. Empirical models applicable to land mobile satellite system propagation channel modelling 5826
Parks, M.A.N., Evans, B.G. Dual−band SHF channel sounder for LMSS wideband channel characterisation 30663

Parks, M.A.N., Evans, B.G., Butt, G. High elevation angle propagation results, applied to a statistical model and an enhanced empirical model 5811
Parks, T.W. *see* Shenoy, R.G. 44991
Parks, W.F., Juhala, R.E., Brookman, J.S., Thompson, D.A. CW AlGaAs laser diode bar parameters 20890
Parkvall, S. *see* Strom, E.G. 45304
Parladori, G. *see* Schweizer, L. 4887
Parlakbilek, A.N., Lewis, D.M. A multiple-strength multiple-delay compiled-code logic simulator 26805
Parlett, B.N. *see* Fernando, K.V. 41172
Parlitz, U. Lyapunov exponents from Chua's circuit 999
Parlos, A.G. *see* Parthasarathy, S. 25169
Parlow, R.D. Spectrum utilization—an update 44424
Parlow, R.D. Radio systems and spectrum engineering 46159
Parmar, D. *see* Williams, J.A. 47529
Parmar, D.S. *see* Bruckner, H.W. 3058
Parmar, R.N. *see* Pramanik, A. 6718
Parmentier, R.D. *see* Cirillo, M. 35274
Parmer, C., Laney, S. DFM&T guidelines for complex PCBs 27362
Parmeter, J.E. *see* Creighton, J.R. 33696
Parmigiani, B., Vallauri, U., Lequeux, J.M., Franks, R. An elastic joint for medium voltage power cables 16420
Parmigiani, G. Optimal inspection and replacement policies with age-dependent failures and fallible tests 437
Parnerkar, A. *see* Khaparde, S.A. 32205
Parng Tai-Ming *see* Tai-Ming Parng
Parodi, A. *see* Gherbi, R. 13745
Parodi, G. *see* Anguita, D. 36896
Parodi, G. *see* Diaspro, A. 5098
Parodi, R. *see* Bartalucci, S. 15502
Parodi, R. *see* De Martinis, C. 15510
Parola, R. *see* Signorini, M.G. 39073
Parora, O. *see* Jain, V.K. 3365
Parpal, J.-L., Crine, J.-P., Houdayer, A., Hinrichsen, P. Study of semiconductor impurity diffusion in XLPE cable insulation under electrical aging 24949
Parpal, J.-L., David, E., Seguin, J.-N., Crine, J.-P Microphysical characterization of XLPE cable insulation after electrical aging 16361
Parpal, J.-L. *see* David, E. 43194
Parpal, J.-L. *see* Houdayer, A. 43197
Parpal, J.-L. *see* Seguin, J.-N. 43196
Parpal, J.L. *see* Clavreul, R. 43200
Parpart, J.v. Carrier suppression in the ring mixer 10018
Parr, A. *see* Barlow, M. 13007
Parr, A.T.J., Vinton, S.J., Krier, A., Collins, R.A. Morphology and gas sensitivity of erbium diphthalocyanine thin films 15102
Parra, H.Zelaya-De La *see* Zelaya-De La Parra, H.
Parra, R. *see* Ramirez-Angulo, J. 10361
Parra, T., Dienot, J., Gayral, M., Pouysegur, M., Sautereau, J., Graffeuil, J. X-band low phase distortion MMIC power limiter 1643
Parra-Loera, R., Erives, H., Thompson, W.E. Robust fast model-based recognition of partially occluded objects using normalized interval vertex descriptors 5084
Parriaux, O., Dierauer, P. Normalized expressions for the optical sensitivity of evanescent wave sensors 43508
Parrill, J. *see* Brunsvold, W. 11082
Parrish, W.J. *see* Bethea, G.C. 23727
Parrott, J.E. Radiative recombination and photon recycling in photovoltaic solar cells 8755
Parry, G. NAMAS acoustical calibration: the human factor 38757
Parry, G. *see* Ghisoni, M. 1921
Parry, G. *see* Zouganeli, P. 28513
Parry, G.E. Variable speed drives as applied to the London Water Ring Main 48499
Parry, J. *see* Azar, K. 40965
Parry, M.E. *see* Norton, J. 40860
Parry, S. Spread spectrum modulation gets operators out of a jam 14464
Parry, S. VLSI: design language present and future 43035
Parsa, K. The Mobitex packet-switched radio data system 37815
Parshin, I.O. *see* Balabin, A.I. 46785
Parshin, V.V. Dielectric materials for gyrotron output windows 42365
Parshutkin, A.V. *see* Kravchenko, V.F. 15162
Parshutkin, A.V. *see* Shcherbak, V.I. 6675
Parshutkin, A.V. *see* Shcherbak, V.I. 13239
Parsley, G.M.J., Meyer, A.S., Landy, C.F. The prediction of the commutation performance of direct current machines using a combination of magnetic finite element analysis and the principles of generalised machine theory 8442
Parsons, C. *see* Bae, J.W. 3626
Parsons, C. *see* Bae, J.W. 28806
Parsons, C. *see* Bae, J.W. 28816
Parsons, C. *see* Brusenbach, P. 28820
Parsons, C. *see* Brusenbach, P.R. 12145
Parsons, C. *see* Shtengel, G. 35858
Parsons, C. *see* Shtengel, G. 44021
Parsons, C.A. *see* Christensen, D.H. 20831
Parsons, D.F. Trends in wide area network development for inter-hospital consulting 22616
Parsons, G. *see* Kurz, H. 43614
Parsons, G.N., Boland, J.J., Tsang, J.C. Microstructural evolution and substrate selectivity in PECVD μc-Si 9783
Parsons, I.D. *see* Hwang, T. 41184
Parsons, J. *see* Wang, M.-Z. 31689
Parsons, J.A. *see* Bernstein, A. 31661
Parsons, J.D., Kruaval, G.B. Morphological structure of silicon carbide, chemically vapor deposited on titanium carbide, using ethylene, carbon tetrachloride, and silicon tetrachloride 41255
Parsons, J.D., Oatis, K., Wu, J., Chaddha, A.K., Hahn, S.R., Chen, H.-S., Wild, S., Deng, C., Plant, T., Marlia, J. Growth of undoped indium phosphide by OMVPE in an inverted-vertical reactor using trimethylindium and tert-arybutylphosphine and phosphine 728
Parsons, J.D., Roberts, D.A., Wu, J.G., Chadda, A.K., Chen, H.-S., Hockenhull, H. Chemical vapor deposition of beta silicon carbide epilayers using the single source precursor 1,2-disilylethane 41310
Parsons, J.D. *see* Kruaval, G.B. 41254
Parsons, J.P. *see* Radcliff, T.D. 47671
Parsons, J.R. *see* Ahmed, I. 40954
Parsons, J.R. *see* Shieh, S.-J. 38978
Parsons, K.J. *see* Kennington, P.B. 33912
Parsons, P. Resonant sensors 46190
Parsons, R. *see* Downie, P. 24064
Parsons, S., Brown, T., King, S., Mamdani, A. A blackboard system for active decision support in configuring telecommunication services 47351
Parsons, S.O., Wachtel, J.A. A study of the feasibility of a human factors regulatory research facility—a status report 33289
Parsons, S.O., Zhuravlyov, G.E., Lomakin, B.V. US/Russia power plant ergonomics technology transfer 39693
Parsons, S.O. *see* Zhuravlyov, G.E. 39695
Partain, L.D. *see* Schultz, J.C. 1887
Partanen, J., Jarventausta, P., Arola, O., Ettula, J.H. Automated control of a public supply system based on the integration of network information and SCADA systems and expert system technology 24792
Partanen, J. *see* Heilbronn, B. 24818
Partanen, J. *see* Jarventausta, P. 32239
Partanen, J. *see* Pricur, E. 644
Partanen, J. *see* Rikkonen, T. 32190
Partanen, J. *see* Verho, P. 24903
Partanen, J. *see* Verho, P. 32237
Partanen, J.P. *see* Ping Xia 44097
Partemi, P. *see* Casali, F. 38573
Partha, A. *see* Moravec, T.J. 17913
Partha Sarathy, K. *see* Govinda Rao, C. 40086
Parthasarathy, C.R. *see* Chandra, M.C. 29394
Parthasarathy, G. *see* Datta, S. 22172
Parthasarathy, H., Prasad, S. Eigensubspace algorithms for estimating the polyspectral parameters of harmonic processes 4737
Parthasarathy, H., Prasad, S., Joshi, S.D. Conditions for third-order stationarity and ergodicity of a harmonic random process 36770
Parthasarathy, K. *see* Ghosh, D. 41814
Parthasarathy, K. *see* Rathna, G.N. 42060
Parthasarathy, K. *see* Soman, S.A. 7804
Parthasarathy, S., Parlos, A.G., Atiya, A.F. Anticipatory control: a software retrofit for current-plant controllers 25169
Parthasarathy, S. *see* Bountis, T.C. 10014
Parthasarathy, V., Modestino, J.W., Vastola, K.S. A rate-distortion approach to video transmission over ATM networks 37059
Parthenios, J. *see* Persephonis, P. 41983
Parthenios, J.N. *see* Persephonis, P. 35676
Partin, D.L., Green, L., Heremans, J. Growth of high mobility InSb by metalorganic chemical vapor deposition 41439
Partin, D.L. *see* Ballal, A.K. 10951
Partin, D.L. *see* Heremans, J. 1843
Partlo, W.N., Fields, C.H., Oldham, W.G. Direct aerial image measurement as a method of testing high numerical aperture microlithographic lenses 27940
Partlo, W.N., Olson, S.G., Sparks, C., Connors, J.E. Optimizing NA and sigma for sub-half micrometer lithography 2334
Partlo, W.N., Tompkins, P.J., Dewa, P.G., Michaloski, P.F. Depth of focus and resolution enhancement for i-line and deep-UV lithography using annular illumination 2273
Partlo, W.N. *see* Yen, A. 2274
Partovi, A., Erdogan, T., Mizrahi, V., Lemaire, P.J., Glass, A.M., Fleming, J.W. Volume holographic storage in hydrogen treated germano-silicate glass 35307
Partovi, H., Draper, D. A regenerative push-pull differential logic family 41760
Partridge, C., Pink, S. A faster UDP [user datagram protocol] 22542
Parulkar, G.M. *see* Cranor, C.D. 5540
Parygin, V.N., Zhmakin, I.N., Baglikov, V.B. Nonlinearity of a channel waveguide phase modulator 20391
Parys, Hvan *see* van Parys, H.
Paryshev, E.N. *see* Sherstobitov, V.E. 21036
Parzen, B. Universal, computer facilitated, steady state oscillator, closed loop analysis theory: some applications to precision crystal oscillators 20085
Parzen, G. Theory of the beta function shift due to linear coupling 7021
Parzen, G. Theory of the tune shift due to linear coupling 7028
Parzen, G. A summary of studies of particle stability at RHIC 38775
Parzen, G. The effect of synchrobetatron coupling on the dynamic aperture 38794
Pas, M.F. *see* Bossuin, S.D. 19553
Pasca, S.S.G., Podoleanu, A.Gh., Plesea, L.I. One counter photon arrival timer 23501
Pascal, D. *see* South, C.R. 4461
Pascal, F., Jarrix, S., Delseny, C., Lecoy, G., Dubon-Chevallier, C., Dangla, J., Wang, H. Low frequency noise measurements in GaAlAs/GaAs heterojunction bipolar transistors 19766
Pascal, F. *see* de Murcia, M. 10671
Pascal, F. *see* Jarrix, S. 2607
Pascale, M.P De *see* De Pascale, M.P
Paschalidis, N.P., Andreou, A.G., Sarris, C.T. A CMOS analog-digital integrated circuit for charged particle spectrum measurements 11407
Paschalis, A. *see* Dangakis, K. 37826
Paschalis, A. *see* Hantzakis, T. 26810
Paschalis, A. *see* Papaviramidis, A. 37801
Pascher, W., Pregla, R. Vectorial analysis of bends in optical strip waveguides by the method of lines 20451
Pascher, W., Pregla, R. Vectorial analysis of bends in optical strip waveguides by the method of lines 20458
Paschinger, E.M. *see* Geddes, N.J. 23738
Paschoarelli, R. *see* De Azevedo, H.R. 17004
Paschotta, R. *see* Fiedler, K. 12379
Paschotta, R. *see* Kurz, P. 12322
Pasciak, J.E. *see* Cai, Z. 581
Pascoarelli, R.S. Group twinners for telephone insulated conductors 30594
Pascoe, B. Primer on analog IC noise 11268
Pascoli, D. *see* Centro, S. 38891
Pascoe, M., Stanley, R.B. March Point cogeneration plant—phased design, construction, startup and operation of a cogeneration plant within an existing refinery 9044
Pascual, F.O., Puya, M.T. Automatic performance system of operational tests for a nuclear power plant training simulator (SIEAP) 16581
Pascual, I., Belendez, A., Mateos, F., Fimia, A. Copying holograms using light of reduced spatial and temporal coherence 21094
Pascual, I. *see* Belendez, A. 3923
Pascual, I. *see* Belendez, A. 21106
Pascual, I. *see* Fimia, A. 44143
Pascual, I. *see* Fimia, A. 44152
Pascual, R. *see* Barrow, D. 9691
Pascucci, T. *see* Falcial, R. 3036
Pasechnik, D.V. *see* Muneenasa, A. 9408
Pasechnik, S.V. *see* Balandin, V.A. 6409
Pasek, Z., Stuchlik, V., Simecek, J., Petruska, P. The Vacuum contactor 1200 V, 315 A, type EVS 2 12972
Paserba, J.J. *see* Grund, C.E. 24698
Paserba, J.J. *see* Sanchez Gasca, J.J. 7721
Pasha, I.A., Sudhakar, A., Mallikarjuna Reddy, Y. Design considerations of m-level stagger PRI and development of staggered PRI unit for MTI radar using asynchronous mod counters 38159
Pasha, I.A. *see* Mallikarjuna Reddy, Y. 44665
Pasha, I.A. *see* Sudhakar, A. 38002
Pashagin, A.I., Benklevskaya, N.P., Shcherbinin, V.E. Analysis of the spectra of the EMF of a transducer in the magnetic monitoring of internal defects in articles 41529
Pashchenko, G.E. *see* Bychkov, S.I. 4632
Pashchenko, P.B. *see* Pozhela, J. 44240
Pashenkova, I.Yu. *see* Astakhov, Yu.N. 16490
Pashev, A.G. Spectral line shape of signal having 1/f fluctuations in frequency 13261
Pashev, I.M. *see* Dimova, E.V. 24469
Pashin, A.E., Fokin, A.V. Three-chamber cell for gas microphone optoacoustic spectroscopy 32129
Pashishkevichius, V. *see* Pachebutas, V. 10725
Pashkovskiy, A.B. *see* Bogdanov, Yu.M. 10435
Pashmakov, B., Claflin, B., Fritzsche, H. Transport near the mobility edge, the sign of the Hall effect, photoreduction and oxidation of amorphous InO$_x$ 34533
Pasichnyi, V.F. *see* Safronov, G.S. 13502
Pasin, W. *see* Saccani, A. 46634
Pasini, G. *see* Granelli, G. 24696
Pasini, G.L. *see* Granelli, G.P. 16164
Paskevicius, V., Beringas, A., Krotkus, A. Photocurrent nonlinearities in ultrafast optoelectronic switches 3340
Paskevicius, V. *see* Krotkus, A. 31226
Pask, C. *see* Samir, W. 29014
Pask, C. *see* Samir, W. 36034
Pask, C. *see* Tran, H.T. 36016
Pask, H.M., Piper, J.A. Investigation of barium laser excitation processes using laser-induced perturbation technique 28709
Pask, H.M. *see* Lauder, R.D.I. 3549
Paska, Z.F. *see* Lundqvist, L. 23575
Paskaleva, A., Atanassova, E. Fowler-Nordheim tunnelling injection in the Si-SiO$_2$ system treated with argon plasma 2036

Pasko, J.G. *see* Arias, J.M. 11838
Pasko, J.G. *see* Shin, S.H. 10790
Paslavskii, V.V. *see* Nesmelova, I.M. 15235
Pasman, W. *see* Havermans, G. 37850
Pasotti, C. *see* Massarotti, A. 15459
Pasotti, C. *see* Massarotti, A. 15515
Pasovets, S.V. *see* Ovsyannikova, L.P. 27326
Pasquale, F.Di *see* Di Pasquale, F.
Pasquale, J. System software and hardware support considerations for digital video and audio computing 23305
Pasquale, J. *see* Kay, J. 30387
Pasquale, J.C., Polyzos, G.C., Anderson, E.W., Kompalla, V.P. The multimedia multicast channel 13972
Pasquale, J.C. *see* Kompella, V.P. 5297
Pasqualoni, A. *see* Mabulikar, D. 43066
Pasqualotto, R. *see* Giudicotti, L. 27443
Pasqualucci, E. *see* Antonelli, A. 24054
Pasqualucci, E. *see* Perrone, A.L. 24066
Pasquarelli, A., Di Luzio, S. Instrumentation and methods for biomagnetic measurements 31829
Pasquarette, J. Developing instrument drivers in LabWindows 46308
Pasquariello, D.M., Willstaedt, E.B., Hurd, R.J., Abraham, K.M. Secondary δ-LiAl/FeS$_2$ cells 17197
Pasquariello, D.M. *see* Abraham, K.M. 25643
Pasquet, D. *see* Vonquet, V. 27273
Passaglia, R. *see* Cannavale, G. 25510
Passalacqua, E. *see* Giordano, N. 25667
Passalera, G. *see* Adriani, O. 46977
Passalis, A. *see* Fratta, L. 45288
Passamonti, L. *see* Bianco, S. 31711
Passamonti, L. *see* Sarwar, S. 31698
Passaseau, J. *see* Abbott, B. 7245
Passaseau, J. *see* Abbott, B. 31776
Passariello, G. *see* Mora, F.A. 38954
Passaro, V. *see* Armenise, M.N. 11763
Passaro, V. *see* Castagnolo, B. 14562
Passaro, V.M.N. *see* Armenise, M.N. 3247
Passasso, M. *see* Beer, A. 31662
Passasso, M. *see* Bruschini, C. 38888
Passasso, M. *see* Dufey, J.-P. 38940
Passchier, J.D.P. *see* Meijer, P.M. 42346
Passeggi, M.C.G., Jr., Vaquila, I., Ferron, J. Auger electron spectroscopy and principal component analysis of the first stages of oxidation in GaAs(100) 2194
Passenberg, W. *see* Trommer, D. 20571
Passeri, A., Formiconi, A.R., Meldolesi, U. Physical modelling (geometrical system response, Compton scattering and attenuation) in brain SPECT using the conjugate gradients reconstruction method 31869
Passeri, P. *see* Costa, B. 23057
Passerini, S., Scarminio, J., Scrosati, B., Zane, D., Decker, F. Thin metal oxide films on transparent substrates for Li-insertion devices 8745
Passig, E.G. German irradiated fuel management policy and practice 23170
Passmore, M.A. *see* Adcock, P. 17573
Passon, C. *see* Eckert, W. 11761
Passuello, D. *see* Amendolia, S.R. 18746
Passuello, D. *see* Bedeschi, F. 38912
Passy, R. *see* Gisin, N. 2969
Passy, R. *see* Gisin, N. 43402
Passy, R. *see* Gisin, N. 43462
Pastacaldi, P. *see* Cocco, M. 31987
Pastalan, J.Z. *see* Springholz, G. 10689
Pastalan, J.Z. *see* Tennant, D.M. 27823
Pastena, M. *see* Schirone, L. 32788
Pastor, A.A. *see* Egorov, V.S. 20656
Pastor, C. *see* Benchekroun, D. 7218
Pastor, P. *see* Baquero, M. 29278
Pastore, A. *see* Bozzoli, W. 38923
Pastore, F. *see* Ambrosini, G. 38898
Pastorelli, M. *see* Boglietti, A. 17483
Pastorelli, M. *see* Boglietti, A. 25875
Pastorelli, M. *see* Boglietti, A. 40219
Pastorelli, M. *see* Boglietti, A. 40569
Pastorelli, M. *see* Haberler, T.G. 17456
Pastorino, M. *see* Caorsi, S. 4086
Pastorino, M. *see* Caorsi, S. 22289
Pastravanu, A. *see* Alexa, D. 25541
Pastushenkov, Yu.G., Afanasieva, L.E., Grechishkin, R.M. Surface domain structure and local demagnetizing field in Nd-Fe-B permanent magnets 43269
Patankar, J.G. *see* Mitra, A. 217
Patankar, S. *see* Gavali, V. 324
Patarin, J. How to find a 1 avoid collisions for the knapsack hash function 36535
Patauf, G. *see* Dietsche, S. 30625
Patberg, H. *see* Overdhein, P.D. 31625
Patberg, H. *see* Paatz gen. Schieck, H. 31626
Pate, M. *see* Gibson, M. 1924
Pate, M. *see* Kuhn, O. 43650
Pate, M. *see* Lafeyrie, M. 20164
Pate, M.A. *see* Sakai, J.W. 42850
Pate, M.A. *see* Tamm, I.R. 19753
Pate, M.A. *see* Whitbread, N.D. 12371
Patel, A., Gardiner, P. A database handler (DBH) for broadband network administration 30308
Patel, A., Logan, E.A., Nicklin, R., Hasdell, N.B., Whatmore, R.W., Uren, M. Ferroelectric thin films intended for electronic device applications 28341
Patel, A., Shorrocks, N.M., Whatmore, R.W. Lead scandium tantalate thin films for thermal detectors 11448
Patel, A. *see* Bhushan, B. 14041
Patel, A. *see* Downey, N. 14276
Patel, A.K., Wright, W.A., Collins, P.R. Target classification using neural and classical techniques 13825
Patel, B., Willebeek-LeMair, M., Schalla, F. ATM adaptation layer over FDDI 14254
Patel, B. *see* Gibbon, M. 35489
Patel, B.I. *see* Kazior, T.E. 10901
Patel, B.I. *see* Kimber, E.M. 45932
Patel, C., Bruijn, M.P., le Grand, J.B., Lanuwen, W.M., de Korte, P.A.J. Fabrication of Nb/Ta based superconducting tunnel junctions for X-ray detectors 20200
Patel, C. *see* Brink, P.L. 20191
Patel, C.B. *see* Liu, T. 14796
Patel, D., Stonham, T.J. Segmentation of potash mine images using multi-layer perceptron net works 13766
Patel, D., Tabouratzis, G., Stonham, T.J. A logic neural network based segmentation system with variable-sensitivity characteristics 30066
Patel, D. *see* Viswanathan, R. 26943
Patel, D. *see* Viswanathan, R. 28274
Patel, D.K., Harder, J.E. Boston Edison uses EPC contract for environmental/retrofit project 39912
Patel, J. *see* de Vries, M.J. 4069
Patel, J.H. *see* Chickermane, V. 1195
Patel, J.H. *see* Chickermane, V. 26889
Patel, J.H. *see* Greenstein, G.S. 26866
Patel, J.H. *see* Lee, J. 2624
Patel, J.H. *see* Roy, R.K. 26865
Patel, J.H. *see* Rudnick, E.M. 1160
Patel, J.J. *see* Donavin, P.R. 32620
Patel, J.K. *see* Bain, L.J. 17966
Patel, J.R., Magario, R.C.V. A procedure for clock alignment of widely dispersed mobiles in frequency hopped communications scenario 37864
Patel, J.R. *see* Raju, P.K. 903
Patel, J.S. *see* Yamamoto, T. 5675
Patel, K. *see* Harshavardhan, K.S. 20170
Patel, K. *see* Harshavardhan, K.S. 43340
Patel, K.S. *see* Bonner, J.A. 47718
Patel, M. *see* Garbe, G. 7691
Patel, M.A.S., Cohen, F.S. Local surface shape estimation of 3-D textured surfaces using Gaussian Markov random fields and steren windows 21948
Patel, M.M. *see* Chen, S.Y. 31908
Patel, N. *see* Angelopoulos, M. 27959
Patel, N. *see* Pereira, J.S. 43631
Patel, N.B., Morosini, M.B.Z., da Silveira, A.C.F., Von Zuben, A.A.G., Loural, M.S.S., Herrera Perez, J.L. Development of low-threshold current strips lasers from GaInAsSb/GaAlAsSb DH wafers emitting at 2.2 μm 20869
Patel, N.B. *see* Morosini, M.B.Z. 12204
Patel, N.D., Nicholson, P.S. Effect of active diameter and damping on the performance of ultrasonic transducers 39418
Patel, N.G., Panchal, C.J., Mukhija, K.K., Patel, P.G., Patel, S.S. Fabrication and characterization of ZnTe/CdSe thin film solar cells 40490
Patel, N.K., Tornim, A. Stress-induced leakage current in ultrathin SiO_2 films 42588
Patel, N.P. *see* Karakowski, J.A. 29528
Patel, P., Holtzman, J. Performance analysis of a DS/CDMA system using a successive interference cancellation scheme 45300
Patel, P., Schmalzel, J.L. Digital laboratory based on CAD tools 960
Patel, P. *see* Dunn, C. 34079
Patel, P. *see* Hall, J. 37284
Patel, P. *see* Sanchez, J.A. 37299
Patel, P. *see* Schamalzel, J. 129
Patel, P. *see* Schmidt, R.R. 363
Patel, P.G. *see* Patel, N.G. 40490
Patel, P.M. *see* Barber, D.P. 31578
Patel, P.P. *see* Yang, C.Y. 35288
Patel, P.R., Holtzman, J.M. Analysis of successive interference cancellation in M-ary orthogonal/DS/CDMA system with single path Rayleigh fading 44659
Patel, S. Mechanical strain effects in design considerations of high T_c superconducting pancake coil magnets 43368
Patel, S., Abdulla, G., Abrams, M., Fox, E.A. NMFS: network multimedia file system protocol 5548
Patel, S. *see* McKinney, D. 41920
Patel, S. *see* Meliopoulos, A.P.S. 25058
Patel, S.S. *see* Patel, N.G. 40490
Patel, V., El-Hilo, M., O'Grady, K., Chantrell, R.W. Nucleation fields in an exchange spring hard magnet 11498
Pater, L. *see* Decreton, M. 2450
Pater, L.de *see* de Pater, L.
Paterakis, M., Cleary, A.C. On the voice-data integration in third generation wireless access communication networks 45866
Paterakis, M. *see* Miller, G.J. 22517
Paterakis, M. *see* Papantoni-Kazakos, P. 22817
Paternostro, G. *see* Bonicel, J. 5997
Paterson, C. Diffractive optical elements with spiral dislocations 12481
Paterson, C. Diffractive optical elements with spiral phase dislocations 44168
Paterson, J. *see* Pellegrini, C. 44002
Paterson, J.K. *see* Bond, P. 2182
Paterson, J.M. *see* Ruth, R.D. 46776
Paterson, K.G. *see* Mitchell, C.J. 29461
Paterson, M. Evolution of an algorithm [priority queue algorithm] 33468
Paterson, P.J.K. *see* Weiser, P.S. 861
Pathak, A. *see* Camps, O.I. 45173
Pathak, C.M. *see* Sharma, A.K. 40469
Pathak, K.M. *see* Nath, D. 24063
Pathak, P.H. *see* Burkholder, R.J. 44523
Pathak, P.H. *see* Manara, G. 4042
Pathak, S. *see* Rosendale, G. 26950
Pathak, S.K. *see* Singh, S.P. 27176
Pathak, V., Ritchie, K., Kitchin, M. Embedded 6 bit flash converter design for digital stereo sound decoder 18832
Pathan, A.Z. Improving the interrupting phenomena in air-blast circuit breaker through parallel resistor 25600
Pathangey, B. *see* Rees, W.S., Jr. 41385
Pathangey, B. *see* Yu, J.E. 42655
Pathirana, H.M.K.K. *see* Nair, M.T.S. 9674
Pati, S.P. *see* Dash, G.N. 27242
Pati, S.P. *see* Panda, A.K. 34247
Pati, Y.C., Krishnaprasad, P.S. Rational wavelet decompositions and finite-dimensional approximations of a class of infinite-dimensional systems 13333
Patil, A. *see* Smart, C.J. 41470
Patil, B.I. *see* Patil, S.A. 19352
Patil, G.N. *see* Suresh Babu, R.M. 16535
Patil, M.B., Okuyama, Y., Ohkura, Y., Toyabe, T., Ihara, S. Transmission matrix approach for electron transport in inversion layers 42980
Patil, M.D. *see* Bookstein, A. 4385
Patil, N.B. *see* Deshpande, S.V. 16506
Patil, N.B. *see* Khandekar, A.B. 16534
Patil, N.C. *see* Anitha, V.P. 10999
Patil, P.K. *see* Nandagawe, J.K. 3324
Patil, P.S. *see* Bhosale, C.H. 42599
Patil, R.N. *see* Patil, S.A. 19352
Patil, S., Savir, J. Skewed-load transition test = II: coverage 1192
Patil, S. *see* Savir, J. 10094
Patil, S.A., Patil, B.I., Sawant, S.R., Jambhale, A.S., Patil, R.N. Electrical properties of Zr^{4+} substituted Cu-ferrite 19352
Patin, M. *see* Bertolini, P. 24880
Patlagan, L. *see* Koren, G. 35275
Patnaik, B. *see* Frey, F.C. 2102
Patnaik, B.K. *see* Frokhin, Yu.N. 10749
Patnaik, B.K. *see* Hong, F. 2243
Patnaik, B.K. *see* Pramanick, S. 34844
Patnaik, S. *see* Danek, M. 18262
Patnaik, S.S. *see* Pachter, R. 20233
Paton Walsh, C. *see* Hedley, R.P.L. 47138
Patra, S., Misra, R.B. Reliability evaluation of flow networks considering multistate modelling of network elements 452
Patrakeev, S.P. *see* Kuchinskii, P.V. 10936
Patriarche, G. *see* Triboulet, R. 33610
Patricelli, S. *see* Aloisio, A. 46997
Patrick, D.M. Modelocked ring laser using nonlinearity in a semiconductor laser amplifier 28896
Patrick, D.M., Ellis, A.D., Davies, D.A.O., Tatham, M.C., Sherlock, G. Demultiplexing using polarisation rotation in a semiconductor laser amplifier 38031
Patrick, D.M., Ellis, A.D., Spirit, D.M. Bit-rate flexible all-optical demultiplexing using a nonlinear optical loop mirror 37656
Patrick, D.M., Manning, R.J. 20 Gbit/s all-optical clock recovery using semiconductor nonlinearity 30748
Patrick, D.M., Manning, R.J. 20 Gbit/s wavelength conversion using semiconductor nonlinearity 37973
Patrick, E. *see* Hadlock, D. 39116
Patrick, E. *see* Kohlberg, I. 44442
Patrick, J. *see* Votava, M. 46324
Patrick, R. *see* Field, D. 32031
Patrie, B.J., Seitzman, J.M., Hanson, R.K. Modeling of spatial distortions in a high-speed image converter camera 6583
Patrikar, R.M., Lal, R., Vasi, J. Degradation of oxides in metal-oxide-semiconductor capacitors under high-field stress 1952
Patrikar, R.M., Lal, R., Vasi, J. Net positive-charge buildup in various MOS insulators due to high-field stressing 19461
Patrin, J.C., Weaver, J.H. Br_2 and Cl_2 adsorption and etching of GaAs(110) studied by use of scanning tunneling microscopy 27710
Patrizio, S. *see* Marchetta, C. 192
Patro, A.P. *see* Sinha, A.K. 24117
Patro, A.P. *see* Sinha, A.K. 31800
Patry, J.L. *see* Boubekeur, A. 18775
Patry, J.P. *see* He Zhiyong 46884
Patsch, R. Drying of medium voltage cables—a chance to restore the electric strength? 16348
Patt, R. *see* Osterman, D.P. 24128
Pattanayak, D.N. *see* Chow, T.P. 11222
Pattanayak, S. *see* Das, R.K. 23938
Pattavina, A., Bruzzi, G. Analysis of input and output queueing for nonblocking ATM switches 5153

Patterl, P. *see* Castellano, M. 6925
Patterson, A., Caccin, A. CAD/CAE tools for power circuits 33864
Patterson, A., Getreu, I. The effect of device models on simulator architecture 41566
Patterson, A. *see* Burnett, G. 39153
Patterson, B. *see* Barrick, M. 2351
Patterson, B.D. *see* Leipold, D. 11896
Patterson, B.K. *see* Storey, H. 8055
Patterson, D., Doscher, M., Gephard, R. Improving wire bond quality on multichip modules through reduction of polyimide ablation debris 17917
Patterson, D. *see* Lumpkin, A.H. 15341
Patterson, D.B. *see* Sevic, J.F. 11719
Patterson, D.P. *see* Tuck, E.E. 40336
Patterson, D.P. *see* Tuck, E.E. 45483
Patterson, D.R. Preliminary design of the beam loss monitor system for the Advanced Photon Source 15346
Patterson, E.B. *see* Morley, D. 19979
Patterson, H. Modelling lossy transmission lines from S-parameter data 21306
Patterson, I.L.J. *see* Foster, D.F. 33607
Patterson, J. *see* Gopi, P.K. 2448
Patterson, L.R.B. *see* Ghahramani, E. 20457
Patterson, M.K. Measurement—an investigation into the limits of the SEM particle counting method 9210
Patterson, O.D., Eyink, K.G., Cong, S. Real-time, heuristic based control of molecular beam epitaxy 26412
Patterson, O.D. *see* Garrett, P.H. 33605
Patterson, P. *see* Actor, G. 10985
Patterson, P. *see* Atuahene-Gima, K. 164
Patterson, R., Wang, L. Finite difference model of thoracic fields and current flow due to surface applied defibrillation voltages 24330
Patterson, S.P. *see* Duncan, W.A. 28715
Patterson, W.R. *see* Shoucair, F.S. 11315
Patterson, W.W. Multiple function sensors for enhanced vision application 39166
Patterson-Hine, F.A. *see* Davis, G.J. 19207
Patti, A.J. *see* Chang, M.M. 30070
Pattie, R.A. Low dispersion optical circulators 38047
Pattini, F. *see* Muratore, F. 22853
Pattipati, K.R. *see* Deb, S. 23122
Pattipati, K.R. *see* Raghavan, V. 21784
Patton, A.D. Duty cycle effects on generating unit availability 25095
Patton, B.R. An experimental investigation of viscoelastic damping for beam type accelerometers 23568
Patton, G. *see* Crabbe, E. 19072
Patton, G.L. *see* Arienzo, M. 11161
Patton, G.L. *see* Kobeda, E. 11291
Patton, R. Design of an active vibration control system for isolation of an optical bench 44906
Pattyn, H. *see* Langouche, G. 42633
Pattyn, H. *see* Tsvetkova, T. 27661
Pattyn, H. *see* Wu, M.F. 10882
Pattyn, H. *see* Wu, M.F. 27642
Patzak, E. *see* Welch, K. 43950
Patzel, R., Bucher, H., Rebhan, U. KrF excimer lasers for DUV lithography 2362
Patzel, R., Endert, H. Excimer laser—a reliable tool for microprocessing and surface treatment 21137
Patzelt, T., Aschermann, B., Chaloupka, H., Ingodzinski, U., Ross, B. High temperature superconductive lumped-element microwave allpass sections 1500
Patzke, R. Interbus-S data bus compared with other field buses 45624
Patzold, M. *see* Mobus, B. 4503
Patzwald, D. *see* Kuipers, U. 40057
Pau, L.F. *see* Arnarson, H. 45038
Pau, S. *see* Kennedy, M.P. 1247
Pau-Choo Chung, Ching-Tsorng Tsai, Yung-Nien Sun Characteristics of Hebbian-type associative memories with quantized interconnections 42092
Pau-Lo Hsu *see* Shao-Kung Chang 458
Pauchard *see* Cavalli, U. 33120
Pauddar, C.M. *see* Shrivastava, P.K. 9968
Paugstadt, R., Bass, M. Method for temporally and spatially resolved thermal-lensing measurements 43772
Paukszens, J. *see* Malcolm, J.S. 39730
Paul, A., Brown, V., Noerpel, A.R. Pattern diversity antennas for mobile communication 4308
Paul, A., Sandler, M. Design issues for a 20-bit D/A converter based on pulse width modulation and noise shaping 42009
Paul, A. *see* Das, A.K. 3160
Paul, A.C. *see* Barnard, J.J. 31535
Paul, A.C. *see* Yu, S.S. 15339
Paul, C. *see* Carman, G.P. 31257
Paul, C.A., Sendeckyj, G.P., Carman, G.P. Detection of the onset of damage using an extrinsic Fabry-Perot interferometric strain sensor (EFPI-SS) 6819
Paul, C.R. Sources of information on EMC standards and education 44423
Paul, C.R. *see* Jerse, T.A. 36271
Paul, D. *see* Joshi, G.A. 13739
Paul, D.K. Optical beam forming and steering for phased-array antenna 44625
Paul, D.K., Markey, B.J., Hefele, R.H., Pontano, B.A. Organic polymer integrated optical channel waveguide devices 3140
Paul, D.K., Razdan, R., Hefele, R., Pontano, B.A. Space-fed optical beam forming network: a proof-of-concept demonstration for C-band phased-array antenna 12792
Paul, D.K. *see* Das, A.K. 3160
Paul, D.K. *see* Gardner, P. 19058
Paul, D.K. *see* Gardner, P. 27181
Paul, D.K. *see* Gardner, P. 42214
Paul, D.K. *see* Konstantinou, K. 1551
Paul, D.K. *see* Konstantinou, K. 19059
Paul, D.W., Clark, S.R., Beeler, T.L. Instrumentation for simultaneous measurement of double-layer capacitance and solution resistance at a QCM electrode 31180
Paul, E.E. *see* Gudaev, O.A. 11823
Paul, E.E. *see* Gudaev, O.A. 28606
Paul, H. *see* Jex, I. 20587
Paul, H.-U., Losing, M. Protection connection for limiting switching voltages 47513
Paul, H.A., Bargar, W.L., Mittlestadt, B., Kazanzides, P., Musits, B., Zuhars, J., Cain, P.W., Williamson, B., Smith, E.G. Robotic execution of a surgical plan 24369
Paul, H.U., Losing, M. The stress on conductor and sheath insulation of plastic insulated cables resulting from switching voltages 32433
Paul, J.G., McHugh, R., Shaw, S. The effect of DSP on the point spread function of a sonar beamformer 44842
Paul, J.L. *see* Rix, P. 45714
Paul, K.M., Guin, A.S., Srinivasan, N. Digital audio broadcasting—a model plan 6181
Paul, O., Baltes, H. Thermal conductivity of CMOS materials for the optimization of microsensors 28268
Paul, R., Breining, K., Giesen, A., Hugel, H. Experimental investigations of laser parameters in fast axial flow RF-excited CO_2 discharges with different cross sections 11964
Paul, R. *see* Dirks, C. 41699
Paul, S., Huper, K. Analog rank filtering 18908
Paul, S. *see* Brons, S. 46865
Paul, S. *see* Gotze, J. 18074
Paul, S. *see* Lee, D. 5238
Paul, T.J., Swanson, E.A. Narrow-linewidth diode laser using a fiber-optic ring resonator 3583
Paul, T.J. *see* Livas, J.C. 6049
Paul, W., Chen, J.H., Liu, E.Z., Wetsel, A.E., Wickboldt, P. Structural and electronic properties of amorphous SiGe:H alloys 35556
Paul, W., Lewis, A.J., Connell, G.A.N., Moustakas, T.D. Doping, Schottky barrier and p-n junction formation in amorphous germanium and silicon by RF sputtering 27631
Paul, W. *see* Drusedau, T. 27496
Paul, W.J. *see* Abolhassan, F. 26933
Paul-Hus, G., Sheng, Y. Optical on-axis real-time phase-dominant correlator using liquid crystal television 11698
Paul-Hus, G. *see* Sheng, Y. 4783
Paula, A.M.de *see* de Paula, A.M.
Paula, G. Scada/EMS special report 16195
Paula, H.M. *see* Qin Zhang 40871
Paulean, Y. *see* Boughaba, S. 41458
Paulet, M.Crastes de *see* Crastes de Paulet, M.
Pauli, G. *see* Antonelli, A. 24054
Pauli, M., Ducker, M., Doscher, M., Muller, J., Henrion, W., Lange, H. Characterization of the heterostructure between heteroepitaxially grown β-FeSi$_2$ and (111) silicon 9648
Paulini, G., Roosen, G. New advances in photorefractive holographic memories 3895
Paulini, G. *see* Boj, S. 12421
Paulin, A. *see* Jenko, B. 31586
Paulini, J., Simon, G. A theoretical lower limit for laser power in laser-enhanced arc welding 3951
Paulissen, L.M.M., Wierex, F.K.A.M., Bolder, G.J.A. How to connect a large number of generating units to the network 25091
Paulos, J.J. *see* Graham, M.G. 28131
Paulraj, A. *see* Naguib, A.F. 45833
Paulraj, A. *see* Venkatesh, V.C. 44838
Paulraj, A. *see* Xu, G. 29616
Paulsen, E., Hsieh, L.S.L. Design and test integration for mixed signal devices 10339
Paulsen, K.D., Jin, X., Sullivan, J.M., Jr. Finite element computations of specific absorption rates in anatomically conforming full-body models for hyperthermia treatment analysis 31970
Paulsen, K.D. *see* Lynch, D.R. 21161
Paulsen, K.D. *see* Schiavone, G.A. 21214
Paulsen, R. *see* Dutz, H. 31657
Paulsen, S.E. *see* Levnes, G. 30613
Paulson, K., Lionheart, W., Pidcock, M. Optimal experiments in electrical impedance tomography 31910
Paulson, K., Lionheart, W., Pidcock, M. Fast, non-linear inversion for electrical impedance tomography 37036
Paulsson, A., Thies, B. Flexibility in gas-insulated switchgear engineering 8672
Paulsson, G., Junno, B., Samuelson, L. CBE growth characterization of GaAs and InGaAs by RHEED and RD 41381
Paulus, R.A. The Lorentz reciprocity theorem and range-dependent propagation modeling 44368
Paulusz, M. Measurement of 50 Hz magnetic induction developing in the environment of 120-750 kV transmission lines 8031
Pauluzzi, M. *see* DiBitonto, D. 31722
Paulvichius, G. *see* Kershulis, S. 43021
Pauizen, G.M. *see* Woerlee, P.H. 20007
Pauizen, G.M. *see* Woltjer, R. 42941
Pauri, F. *see* Tsai, M.-L. 7421
Pausch, G., Bohne, W., Hilscher, D. Particle identification in solid-state detectors by means of pulse-shape analysis - results of computer simulations 31676
Pautet, M.-B. *see* Mouly, M. 45827
Pautet, M.B., Attal, J., Evano, J.M., Craig, J., Lebigre, J.C., Ruciak, F. GSM and DCS 1800: basic principles 14452
Pautet, M.B., Martin, M., Hybre, J., Lebigre, J.C., Attal, J., Porato, M., Craig, J. GSM and DCS 1800: development status 14453
Pautrat, J.L. *see* Haas, H. 11687
Pautrat, J.L. *see* Legras, R. 43876
Pauwels, B. Video on demand using ATM technology 38329
Pauwels, B. *see* Letheren, M. 46330
Pauwels, E.J., Proesmans, M., Van Gool, L.J., Moons, T., Oosterlinck, A. Segmentation and image enhancement using coupled anisotropic diffusion equations 30072
Pauwels, H. *see* Maximus, B. 11693
Pauwels, M., Thoen, F., Beeckmans, E., Goossens, G., Catthoor, F., De Man, H. An application specific multi-precision multiplier architecture for a dynamic range compressor for audio 18817
Pavan, A., Bhattacharya, S., Du, D.H.C. Reverse channel augmented multihop lightwave networks 6023
Pavan, M. *see* Alessandrello, A. 15622
Pavan, M. *see* Alessandrello, A. 24024
Pavan, M. *see* Alessandrello, A. 24025
Pavan, M. *see* Alessandrello, A. 24031
Pavan, P., Zanoni, E., Fratin, L., Riva, C., Vajana, B. Electrical characterization and reliability of double-doped drain MOS transistors compatible with an EEPROM process 18724
Pavan, P. *see* Bonati, B. 2521
Pavan, P. *see* Verzellesi, G. 34918
Pavani, R. *see* Cremonesi, P. 41056
Pavasaris, Ch.I. Peculiarities of the pulse switch-off process of a saturated bipolar transistor 19797
Pavel, T.J. *see* Abe, K. 7260
Pavel, T.J. *see* Abe, K. 15619
Pavel, T.J. *see* Abe, K. 46930
Pavelchek, E., Calabrese, G., Dudley, B., Jones, S., Freeman, P., Bohland, J., Sinta, R. Process techniques for improving performance of positive tone silylation 11071
Pavelchek, E.K., Calabrese, G.S., Bohland, J., Dudley, B.W., Jones, S.K., Freeman, P.W. Process techniques for improving performance of positive tone silylation 11032
Pavelescu, D., Dumitriu, G. Numerical simulation of the short-circuit release process of low voltage circuit breaker limiters 32953
Pavel'ev, D.G. *see* Khrebtov, I.A. 6486
Pavelko, V.I. *see* Buinitskii, B.A. 8092
Pavella, M. *see* Xue, Y. 7728
Pavel'yev, A.G. *see* Rubashkin, S.G. 16006
Paver, N.C. *see* Furber, S.B. 34118
Pavese, E. *see* Cazzini, S. 45124
Pavesi, B. *see* Caroni, M. 22824
Pavesi, L., Ceschini, M., Mariotto, G., Zanghellini, E., Bisi, O., Anderle, M., Calliari, I., Fedrizzi, M., Fedrizzi, L. Spectroscopic investigation of electroluminescent porous silicon 28658
Pavesi, L., Mariotto, G., Bisi, O., Anderle, M., Calliari, L. Porous silicon and its application for light emitting diodes 35616
Pavesi, L. *see* Harrison, I. 41281
Pavia, J., Ros, D., Garcia, A. Radionuclide angiocardiography multiharmonic analysis 31851
Pavia, J. *see* Llovet, X. 31850
Pavia, J.Ortiz *see* Ortiz Pavia, J.
Pavic, I. *see* Petricec, M. 25249
Pavio, R. *see* Gingras, R.L. 23177
Pavlenko, A.A. *see* Atamanchuk, I.G. 27659
Pavlenko, A.P. *see* Kozhevnikov, V.N. 32028
Pavlenko, V.I. *see* Bobrysheva, A.I. 3794
Pavlenko, V.S., Egorov, V.G. Nature of the wide-band absorption in the plasma of the He/Sr laser 28734
Pavlenko, Yu.P. *see* Markova, S.V. 11953
Pavlichenko, R.O. *see* Skibenko, A.I. 42139
Pavlidis, D. *see* Frankel, M.Y. 43667
Pavlidis, D. *see* Gutierrez-Aitken, A.L. 20568
Pavlidis, D. *see* Hu, J. 42879
Pavlidis, D. *see* Kim, J. 1651
Pavlidis, D. *see* Pearsall, T.P. 20881
Pavlidis, D. *see* Tutt, M.N. 1542
Pavlin, C.J. *see* Ye, S.G. 7409
Pavlish, J.H. *see* Stallard, G.S. 8160
Pavlopoulos, S., Tzanakos, G. A two-dimensional detector array for high resolution PET 24218
Pavlopoulos, S., Tzanakos, G. A simulation study of certain performance characteristics of the CTI-931 PET tomograph 38972
Pavlou, G., Bhatti, S.N., Knight, G. Automating the OSI to Internet management conversion

through the use of an object-oriented platform 14047
Pavlou, G. *see* De Souza, J.N. 37292
Pavlov, A.A., Peshkov, I.B., Popov, M.F. Radio-frequency cables in Russia 5686
Pavlov, A.M. *see* Balashov, S.M. 32588
Pavlov, A.V. The influence of the geometrical distortions on the image correlation 36891
Pavlov, A.V. Adaptive-optical neural network for classifying patterns on structured backgrounds 43593
Pavlov, A.V., Shubnikov, E.I. Holographic correlators and optical neural networks 36076
Pavlov, D. Suppression of premature capacity loss by methods based on the gel-crystal concept of the PbO_2 electrode 17213
Pavlov, D. Effect of corrosion layer on phenomena that cause premature capacity loss in lead/acid batteries 40426
Pavlov, D., Gancheva, S., Andreev, P. Effect of hydrogen and oxygen on stability of expanders and performance of lead/acid batteries 17226
Pavlov, D., Ruevski, S., Rogachev, T. Processes in positive lead/acid battery plates during soaking prior to formation 25640
Pavlov, D. *see* Dimitrov, M.K. 17215
Pavlov, D.A. *see* Beneking, G. 41433
Pavlov, I.P. *see* Irzak, M.A. 36355
Pavlov, L.I., Ivanov, L.M. Raman frequency amplification in an erbium-doped optical waveguide 21009
Pavlov, S.G. *see* Muravev, A.V. 43767
Pavlov, S.N., Zhmendak, A.V. Electron gun for Kiev heavy ion storage ring 7132
Pavlov, S.N. *see* Dolinsky, A.V. 15287
Pavlov, S.T. *see* Lemanov, V.V. 35291
Pavlov, V.P. *see* Kuz'michev, M.V. 6338
Pavlovic, Z., Jovanovic, T., Prijic, Z., Ristic, S., Stojadinovic, N. An improved model for the I-V characteristics of power VDMOS transistor in strong inversion 2544
Pavlovich, A.G. *see* Malafeev, S.I. 8919
Pavlovich, S.N. Procedure for calculating time delays in a microprocessor-controlled master generator 8491
Pavlovskaya, N.G. *see* Aleksandrovich, K.V. 6981
Pavlovski, B. *see* Ruck, B. 12497
Pavlovskii, A.I., Bonyushkin, E.K., Varaksin, V.V., Vinyarskii, G.S., Lakhtikov, A.E., Mishchenko, G.M., Morovov, A.P., Urlin, V.D. Pulsed chemical HF laser pumped by gamma radiation 28713
Pavlovsky, V.A. *see* Glavatskikh, K.W. 7080
Pavlyuchenko, L.N. *see* Kashevarov, V.L. 38871
Pavlyuchenko, L.N. *see* Kashevarov, V.L. 38872
Pavlyuchenko, L.N. *see* Kashevarov, V.L. 47022
Pavol, K. About possibility of reduced insulation level in networks with low resistance neutral grounding 39651
Pavolka, R., Stager, S. Administrative Workstation Project: computer training for the Vice President's office 30438
Pavone, D. *see* Weber, E. 39916
Pavone, F. *see* Tino, G.M. 35867
Pawate, B.I., Dowling, E. A HMM-based approach for segmenting continuous speech 29530
Pawelek, R. *see* Gregus, J.A. 29060
Pawelek, R. *see* Lee, B.-T. 10934
Pawlak, T. *see* Gyimesi, M. 44209
Pawlat, T. *see* Bechstedt, U. 15536
Pawley, C.J. *see* Lehmberg, R.H. 35952
Pawley, J.B. *see* Jiye Ximen 1820
Pawlik, M. *see* Snauwaert, J. 42542
Pawlik, M. *see* Vandervorst, W. 46568
Pawlikowski, K. *see* Yau, V. 30318
Pawlina, A. *see* Mauri, M. 22960
Pawlischek, H. Major requirements for fine-pitch SMD placement systems 34404
Pawloski, C.D. *see* Vittal, V. 39474
Pawlowski, E. Thin film deposition: an alternative technique for the fabrication of binary optics with high efficiency 12458
Pawlowski, E., Engel, H., Ferstl, M., Furst, W., Kuhlow, B. Diffractive microlenses with antireflection coatings fabricated by thin film deposition 44166
Pawlowski, E., Ferstl, M., Kuhlow, B. Computer generated microlenses with high efficiency 29047
Pawlowski, E. *see* Kuhlow, B. 12456
Pawlowski, G. *see* Przybilla, K.J. 11052
Pawlowski, G. *see* Roschert, H. 11047
Pawlowski, G. *see* Roschert, H. 11079
Pawlowski, G. *see* Yeh, T.F. 11016
Pawlowski, J., Kari, B., Chang, W., Liu, Y. Bar-detector with extended field of view for a modular SPECT system 15746
Pawluk, K., Krauze, U., Kucharska, M. Coil inductance dependent on screen and core plates 42267
Paxal, V., Jourdain, P., Karam, G. Error-correction coding for high-speed optical transmission systems based on the synchronous digital hierarchy 38086
Paximadis, C.T. *see* Vasilakos, A.V. 5461
Paxman, M. *see* Barnham, K. 25692
Paxman, M. *see* Nelson, J. 11833
Paxton, A.H. Optics for semiconductor lasers 28850
Paxton, A.H. Formation of filaments in expanding beams in semiconductor optical amplifiers 28954
Paxton, A.H., Schaus, C.F., Srinivasan, T. Semiconductor laser with regrown-lens-train unstable resonator: theory and design 44010
Paxton, A.H., White, C.J., Hersee, S.D., McInerney, J.G. Design of external cavities for vertical-cavity semiconductor lasers 28917
Paxton, A.H. *see* White, C.J. 28893
Paye, J. *see* Ramaswamy, M. 12078
Payer, M. *see* Biexenack, J. 33836
Payne, A.N. Efficient approximate representation of bi-objective tradeoff sets 9424
Payne, B.T. *see* Foster, B. 31714
Payne, D.A. *see* Frey, M.H. 2742
Payne, D.A. *see* Roubik, J.R. 19166
Payne, D.D. *see* Adams, R.D. 44698
Payne, D.N., Laming, R.I., Richardson, D.J., Grudinin, A. Unleashing the full capacity of the installed fibre base 30838
Payne, D.N. *see* Abdulhalim, I. 20444
Payne, D.N. *see* Deol, R.S. 2931
Payne, D.N. *see* Dong, L. 2949
Payne, D.N. *see* Grudinin, A.B. 3561
Payne, D.N. *see* Kringlebotn, J.T. 28791
Payne, D.N. *see* Kringlebotn, J.T. 28800
Payne, D.N. *see* Laming, R.I. 38005
Payne, D.N. *see* Loh, W.H. 35755
Payne, D.N. *see* Loh, W.H. 43764
Payne, D.N. *see* Ye, C.C. 28801
Payne, D.N. *see* Zervas, M.N. 3506
Payne, D.N. *see* Zervas, M.N. 3516
Payne, E., Haider, F. Fully remote controlled telemetry tracking antenna system 44566
Payne, F.P., Hale, Z.M. Deviation from Beer's law in multimode optical fibre evanescent field sensors 38543
Payne, F.P. *see* Pendock, G.J. 3471
Payne, J. *see* Rosendale, G. 26950
Payne, M. *see* Seth, S. 41786
Payne, P.A., Hatfield, J.V., Hicks, P.J., Scales, N.R., Chen, Q.X., Armitage, A.D., Lomas, D.G. Towards an integrated hand-held multi-element array transducer for ultrasound imaging 47299
Payne, P.A. *see* Bouchard, M.G. 13474
Payne, P.A. *see* Chen, Q.X. 7371
Payne, P.A. *see* Watson, J.M. 43565
Payne, R. *see* Sanyal, A. 8125
Payne, R. *see* Sanyal, A. 39934
Payne, R.R. *see* Doherty, A. 45116
Payne, R.R. *see* Luk, P.C.K. 40077
Payne, S.A., Smith, L.K., DeLoach, L.D., Kway, W.L., Tassano, J.B., Krupke, W.F. Characterization of Cr:LiSAF solid-state laser properties 20731
Payne, S.A., Smith, L.K., DeLoach, L.D., Kway, W.L., Tassano, J.B., Krupke, W.F. Laser, optical, and thermomechanical properties of Yb-doped fluorapatite 43787
Payne, S.A. *see* DeLoach, L.D. 43756
Payne, S.A. *see* Perry, M.D. 20743
Payne, S.A. *see* Scheps, R. 43776
Payne, S.E. *see* Hobart, S.A. 530
Payne, T. Target extraction and optical flow determination from fused sensor information 5079
Payonk, R.J. *see* Strickland, D.T. 8219
Payrissat, R. *see* Guisser, L. 6793
Pays, M. Prospects for technical evolution of cables and laying techniques 47521
Paz, R. *see* Ramirez-Angulo, J. 10361
Paz de Araujo, C.A. *see* Dunn, D.E. 35192
Paz de Araujo, C.A. *see* Melnick, B.M. 35144
Paz De Araujo, C.A. *see* Mihara, T. 19161
Paz de Araujo, C.A. *see* Scott, J.F. 43141
Paz De Araujo, C.A. *see* Scott, J.F. 43153
Paz de Araujo, C.A. *see* Wang Xiaohui 11197
Pazda, R.J. *see* Matsubara, Y. 36117
Pazos Flores, F. *see* Gerbaud, L. 17473
Pazuelo, G. *see* Tattersall, C. 37234
Pazynin, L.A. *see* Kravchenko, V.F. 14673
Pazzi, G.P. *see* Fabeni, P. 6307
Pazzi, G.P. *see* Ranfagni, A. 4115
Pchelkin, V.M. *see* Gal'chenko, S.A. 27172
Pchel'nikov, Yu.N., Elizarov, A.A., Fadeev, A.V. Interaction of a slow wave with a resistive coating 18545
Pchelyakov, O.P. *see* Yakimov, A.I. 42489
Pe, J.Saint *see* Saint Pe, J.
Peace, K. *see* Spooner, H. 8147
Peace, M., Stagg, B. Telconsult: BT's world consultancy service 13934
Peach, D. *see* Bencze, G.L. 38858
Peach, D. *see* Gasparini, F. 7223
Peach, K. *see* Bozzoli, W. 38923
Peach, R.C., Millar, N., Lee, M. SAW based systems for mobile communications satellites 34146
Peacock, A. *see* Foden, C.L. 20211
Peacock, A. *see* Rando, N. 23602
Peacock, A. *see* Videler, P. 20194
Peacock, A.J. *see* Carlton, G. 6000
Peacock, C., Bolouri, H. The effect of defect clustering on WASP device yields 41986
Peacock, M. *see* Sinha, D. 17643
Peacock, N. Communication between R&D and its customers—a study of BT laboratories 162
Peaker, A.R., Efeoglu, H., Langer, J.M., Wright, A.C., Poole, I., Singer, K.E. Erbium doped gallium arsenide a self-organising low dimensional system 9665
Peaker, A.R. *see* Singer, K.E. 26439
Peaker, A.R. *see* Zhang, J.P. 33597
Pearce, C.E.M. *see* Bong Dae Choi 9384
Pearce, C.E.M. *see* Chlebus, E. 37101
Pearce, D.J.B. *see* Holmes, W.J. 21654
Pearce, M. Multilevel logic synthesis for PAL devices 10049
Pearce, M., Saul, J., Lester, N. Multi-level logic synthesis for Concurrent Logic CL|6000 devices 41793
Pearce, N.O. Characterization of plasma etching processes using deep level transient spectroscopy 2200
Pearce, R. *see* Papanastassiou, M. 40855
Pearce, S. *see* Hoang, L. 18712
Peard, K.A., Rozsa, K., Tobin, R.C. Parametric study of a high-voltage hollow-cathode infrared copper-ion laser 28738
Pearlman, W.A. *see* Bayazit, U. 36838
Pearlman, W.A. *see* Bhutani, G. 29959
Pearlman, W.A. *see* Divakaran, A. 13358
Pearlman, W.A. *see* Polyak, N. 13369
Pearlman, W.A. *see* Rao, R.P. 21609
Pearlman, W.A. *see* Rao, S. 13310
Pearlman, W.A. *see* Said, A. 30057
Pearlstein, L. *see* Augenbraun, J. 30153
Pearmain, A.J. *see* Cosmas, J.P. 5799
Pearne, N. Choosing a PCB laminate 1693
Pearsall, T.P. Electronic and optical properties of Ge-Si superlattices 42539
Pearsall, T.P., Dutta, N.K., Pavlidis, D. Device application of InGaAs and related heterostructures 20881
Pearson, A. *see* Pederson, A. 37920
Pearson, A.W. *see* Newton, D.P. 17779
Pearson, A.W. *see* von Emloh, D.A. 33292
Pearson, C. *see* Ruth, R.D. 46776
Pearson, D.J., Huffman, S.B., Willis, M.B., Laird, J.E., Jones, R.M. Intelligent multi-level control in a highly reactive domain 39160
Pearson, G.W., Krasinski, J.S. Design for a low-loss polarization independent all-fiber optical circulator for bi-directional fiber communications 5960
Pearson, G.W., Zanoni, R., Krasinski, J.S. Analysis of ultra-short pulse propagation in a fiber nonlinear amplifying loop mirror 3075
Pearson, I. *see* Greenop, D. 45392
Pearson, I.D. *see* Cochrane, P. 5896
Pearson, J. *see* Hayward, G. 16079
Pearson, P.J. *see* Cooke, G.A. 42617
Pearson, P.J. *see* Geatches, R.M. 34614
Pearton, S.J. Ion implantation in III-V semiconductor technology 27630
Pearton, S.J. Hydrogenation of III-V semiconductors during processing 42662
Pearton, S.J. Hydrogen in III-V compound semiconductors 42665
Pearton, S.J., Abernathy, C.R., Ren, F. Electrical passivation in hydrogen plasma exposed GaN 42742
Pearton, S.J., Abernathy, C.R., Wisk, P.W., Ren, F. Ion implantation and dry etching characteristics of InGaAsP (λ=1.3 μm) 2023
Pearton, S.J., Chakrabarti, U.K., Katz, A., Abernathy, C.R., Hobson, W.S., Ren, F., Fullowan, T.R. Iodine-based dry etching chemistries for InP and related compounds 42738
Pearton, S.J., Hobson, W.S., Levi, A.F.J. Comparison of plasma chemistries for patterning InP-based laser structures 34777
Pearton, S.J., Keel, T.A., Katz, A., Ren, F. Optical emission spectroscopy of electron cyclotron resonance discharges for III-V semiconductor processing 19559
Pearton, S.J., Kuo, J.M., Hobson, W.S., Hailemarian, E., Ren, F., Katz, A., Perley, A.P. Ion implantation doping of InGaP, InGaAs, and InAlAs 2043
Pearton, S.J., Ren, F. Science of dry etching of III-V materials 27678
Pearton, S.J., Ren, F., Abernathy, C.R. Low bias dry etching of tungsten and dielectric layers on GaAs 19560
Pearton, S.J., Ren, F., Abernathy, C.R. Enhanced etch rates of tri-level resist stacks in microwave discharges 19561
Pearton, S.J., Ren, F., Abernathy, C.R. Low temperature electron cyclotron resonance plasma etching of GaAs, AlGaAs, and GaSb in Cl_2/Ar 42704
Pearton, S.J., Ren, F., Abernathy, C.R., Constantine, C. Optical emission end point detection for via hole etching in InP and GaAs power device structures 27677
Pearton, S.J., Ren, F., Abernathy, C.R., Fullowan, T.R., Lothian, J.R. Dry etch damage in GaAs p-n junctions 2139
Pearton, S.J., Ren, F., Abernathy, C.R., Lothian, J.R. Fabrication of GaN nanostructures by a sidewall-etchback process 34775
Pearton, S.J., Ren, F., Chu, S.N.G., Abernathy, C.R., Hobson, W.S., Elliman, R.G. Defects and ion redistribution in implant-isolated GaAs-based device structures 19520

Pearton, S.J., Ren, F., Fullowan, T.R., Katz, A., Hobson, W.S., Abernathy, C.R., Lothian, J.R., D'Asaro, L.A., Elliman, R.G., Ridgway, M.C., Jagadish, C., Williams, J.S. Use of selective area defect creation for isolation of III-V multilayer structures 2095
Pearton, S.J., Ren, F., Hobson, W.S., Abernathy, C.R., Chakrabarti, U.K. Comparison of surface recombination velocities in InGaP and AlGaAs mesa diodes 42835
Pearton, S.J., Ren, F., Hobson, W.S., Abernathy, C.R., Masaitis, R.L., Chakrabarti, U.K. Surface recombination velocities on processed InGaP *p-n* junctions 27540
Pearton, S.J., Ren, F., Katz, A., Chakrabarti, U.K., Lane, E., Hobson, W.S., Kopf, R.F., Abernathy, C.R., Wu, C.S., Bohling, D.A., Ivankovits, J.C. Dry surface cleaning of plasma-etched HEMTs 43023
Pearton, S.J., Ren, F., Katz, A., Tseng, B., Lothian, J.R., Fullowan, T.R. Small diameter dry etched via holes in GaAs 19620
Pearton, S.J., Ren, F., Lothian, J.R., Fullowan, T.R., Kopf, R.F., Chakrabarti, U.K., Hui, S.P., Emerson, A.B., Pei, S.S. Electron cyclotron resonance plasma processing of GaAs-AlGaAs HEMT structures 2581
Pearton, S.J. *see* Abernathy, C.R. 779
Pearton, S.J. *see* Abernathy, C.R. 41328
Pearton, S.J. *see* Feingold, A. 836
Pearton, S.J. *see* Fullowan, T.R. 2455
Pearton, S.J. *see* Fullowan, T.R. 10899
Pearton, S.J. *see* Fullowan, T.R. 42894
Pearton, S.J. *see* Hobson, W.S. 20771
Pearton, S.J. *see* Hobson, W.S. 20915
Pearton, S.J. *see* Katz, A. 9547
Pearton, S.J. *see* Katz, A. 9710
Pearton, S.J. *see* Katz, A. 9713
Pearton, S.J. *see* Katz, A. 18136
Pearton, S.J. *see* Katz, A. 42788
Pearton, S.J. *see* Levi, A.F.J. 3594
Pearton, S.J. *see* Lothian, J.R. 10898
Pearton, S.J. *see* Lothian, J.R. 19621
Pearton, S.J. *see* Lothian, J.R. 42790
Pearton, S.J. *see* Mohideen, U. 43899
Pearton, S.J. *see* Ren, F. 1932
Pearton, S.J. *see* Ren, F. 2486
Pearton, S.J. *see* Ren, F. 2577
Pearton, S.J. *see* Ren, F. 3637
Pearton, S.J. *see* Ren, F. 11241
Pearton, S.J. *see* Ren, F. 20918
Pearton, S.J. *see* Ren, F. 27635
Pearton, S.J. *see* Ren, F. 28213
Pearton, S.J. *see* Ren, F. 42549
Pearton, S.J. *see* Ren, F. 42805
Pearton, S.J. *see* Ren, F. 42893
Pearton, S.J. *see* Sarusi, G. 38495
Pearton, S.J. *see* Slusher, R.E. 3620
Pearton, S.J. *see* Wisk, P. 780
Pearton, S.J. *see* Wisk, P.W. 26417
Pearton, S.J. *see* Witmer, S.B. 2471
Pearton, S.J. *see* Zavada, J.M. 2074
Pearton, S.J., Sadana, D.K., Zavada, J.M. *(editors)* Advanced III-V Compound Semiconductor Growth, Processing and Devices Symposium 775
Pearton, S.J. *see* Jones, K.S. *(editor)* 17745
Pease, R. *see* DeLaus, M. 35095
Pease, R.F. *see* Owen, G. 27842
Pease, R.F. *see* von Bunau, R.M. 27844
Pease, R.F.W. *see* Blennemann, H.C. 17894
Pease, R.F.W. *see* Grenville, A. 27943
Pease, R.F.W. *see* Hordon, L.S. 29106
Pease, R.F.W. *see* Jeong, H. 27938
Pease, R.F.W. *see* Liu, H.I. 19374
Pease, R.F.W. *see* Liu, H.I. 27750
Pease, R.F.W. *see* Liu, H.I. 34782
Pease, R.F.W. *see* Rao, V. 11013
Pease, R.L. *see* Kosier, S.L. 34922
Pease, R.L. *see* Nowlin, R.N. 34923
Peasgood, W. *see* Phoenix, R.G. 24274
Peat, R. *see* Arias de Velasco, A.A. 6659
Peatross, J., Meyerhofer, D.D. Novel gas target for use in laser harmonic generation 12399
Peattie, B. Component handling helps shorten BWR outages 47683
Peccoud, L. *see* Daviet, J.-F. 2160
Peccoud, L. *see* Daviet, J.-F. 2637
Peces, J. *see* Abella, C. 29315
Peces, J. *see* Abella, C. 29328
Peces, J. *see* Abella, C. 29396
Pechacek, R.E. *see* Murphy, D.P. 43601
PeChang Wang *see* Bao-Min Shao 44669
Pechkurov, V.A. *see* Amelin, A.I. 7287
Pechstedt, R.D. *see* McGarrity, C. 20335
Pecht, M. *see* Weil, L. 40958
Pecht, M.G., Agarwal, R., Quearry, D. Plastic packaged microcircuits: quality, reliability, and cost issues 42327
Pecht, M.G. *see* Bhagath, S. 27342
Pecinka, L. *see* Zdarek, J. 25135
Peck, A.J., Bending, S.J. A new approach to the modelling of GaAs/AlGaAs nanostructures 27557
Peck, A.J. *see* Stoddart, S.T. 42510
Peck, D.J. Rework and repair of TAB and FPT devices 10576
Peck, D.J. Third party training: its challenges and opportunities 33276
Peck, D.J. Rework and repair of TAB and FPDs 33406
Peck, P.R. *see* Crone, R.M. 20153
Peckerar, M.C., Maldonado, J.R. X-ray lithography—an overview 11023
Peckerar, M.C. *see* Barouch, E. 2320
Peckerar, M.C. *see* Calvert, J.M. 2309
Peckerar, M.C. *see* Calvert, J.M. 11036
Peckerar, M.C. *see* Dobisz, E.A. 2319
Peckerar, M.C. *see* Dobisz, E.A. 11038
Peckham, P.H. *see* Kilgore, K.L. 31985
Peckham, P.H. *see* Kilgore, K.L. 31986
Peckham, P.H. *see* Memberg, W.D. 24351
Pecora, A., Fortunato, G., Carluccio, R., Sacco, S. Hydrogenated amorphous silicon based light-addressable potentiometric sensor (LAPS) for hydrogen detection 31342
Pecora, A., Tallarida, G., Fortunato, G., Mariucci, L., Reita, C., Migliorato, P. Hot-hole-induced degradation in polycrystalline silicon thin-film transistors: experimental and theoretical analysis 34967
Pecora, A. *see* Carluccio, R. 9686
Pecora, A. *see* Quinn, M. 34969
Pecora, L.M. Overview of chaos and communications research 36448
Pecora, L.M. *see* Carroll, T.L. 26662
Pecora, L.M. *see* Carroll, T.L. 36450
Pecora, L.M. *see* Carroll, T.L. 41704
Pecoraro, A. *see* Nassisi, V. 28710
Pecz, B., Barna, A. Reactive ion milling-thinning of compound semiconductors 19616
Peczalski, A., Dietrich, P., Mactaggart, R., Grider, D. High-throughput CORDIC coprocessor for signal and display processing 39227
Peczalski, A. *see* Conger, J. 43019
Peczalski, A. *see* Cutchin, J.H. 34064
Pedar, A. *see* Davis, G.J. 39207
Peddanarappagari, K.V., Fager, R.S. Convolution reverse-projection 22072
Pedder, D.J. *see* Arnold, R.G. 1759
Peden, A. *see* Cousseran, M.L. 27152
Pedersen, B., Miniscalco, W.J., Zemon, S., Quimby, R.S. Analysis of Pr^{3+}- and Nd^{3+}-doped fiber amplifiers at 1300 nm 3511
Pedersen, B. *see* Rasmussen, T. 11654
Pedersen, B. *see* Rottwitt, K. 5886
Pedersen, C.F. *see* Jorgensen, B.F. 38099
Pedersen, D.A. *see* Ozols, J. 39270
Pedersen, F.B. *see* Rasmussen, T. 11654
Pedersen, H. *see* Jessen, K.E. 14278
Pedersen, H.M., Lokberg, O.J., Valo, H., Wang, G. Detection of non-sinusoidal periodic vibrations using phase-modulated TV-holography 23945
Pedersen, J.E., Keiding, S.R., Sorensen, C.B., Lindelof, P.E., Ruhle, W.W., Zhou, X.Q. 5-THz bandwidth from a GaAs-on-silicon photoconductive receiver 23623
Pedersen, J.F., Saff, E.B., Schweiker, K. Wavelets for training a neural network to recognize objects 21928
Pedersen, J.F. *see* McCormack, D.K.R. 45228
Pedersen, J.K., Blaabjerg, F. An electric car drive system using an energy-optimized control strategy based on an AC-machine and a microcontroller 48311
Pedersen, J.K., Blaabjerg, F., Frederiksen, P.S. Reduction of acoustic noise emission in AC-machines by intelligent distributed random modulation 16767
Pedersen, J.K., Blaabjerg, F., Jensen, J.W., Thogersen, P. An ideal PWM-VSI inverter with feedforward and feedback compensation 8581
Pedersen, J.K. *see* Alvsten, B. 6343
Pedersen, J.K. *see* Blaabjerg, F. 8545
Pedersen, J.K. *see* Blaabjerg, F. 8791
Pedersen, J.K. *see* Blaabjerg, F. 16854
Pedersen, J.K. *see* Kragh, H. 8875
Pedersen, J.W., van der Tol, J.J.G.M., Metaal, E.G., Oei, Y.S., Groen, F.H., Moerman, I. Realization of a mode evolution polarization splitter on InGaAsP/InP 35474
Pedersen, J.W. *see* Amersfoort, M.R. 38125
Pedersen, J.W. *see* van der Tol, J.J.G.M. 43499
Pedersen, J.W. *see* van der Tol, J.J.G.M. 43504
Pedersen, L.Ingemann *see* Ingemann Pedersen, L.
Pedersen, N.F. Nonlinear properties of Josephson junctions 2907
Pedersen, N.F. *see* Holm, J. 2908
Pedersen, N.F. *see* Kaplunenko, V.K. 20184
Pedersen, N.F. *see* Ovsyannikov, G.A. 20182
Pedersen, N.F. *see* Sorensen, M.P. 2909
Pedersen, N.F. *see* Ustinov, A.V. 2910
Pedersen, P.C. *see* Orofino, D.P. 16058
Pedersen, R.J. *see* Mikkelsen, B. 38129
Pedersen, R.J.S., Ebskamp, F. New all-optical RIN suppressing, image rejection receiver with efficient use of LO- and signal-power 45992
Pedersen, R.J.S., Ebskamp, F., Mikkelsen, B., Durhuus, T., Oberg, M., Nilsson, S. Heterodyne detection of CPFSK signals with and without wavelength conversion up to 5 Gb/s 23008
Pedersen, R.J.S. *see* Durhuus, T. 35893
Pedersen, R.J.S. *see* Ebskamp, F. 38130
Pedersen, R.J.S. *see* Jorgensen, B.F. 46001
Pedersen, R.J.S. *see* Mikkelsen, B. 5979
Pedersen, R.J.S. *see* Mikkelsen, B. 35966
Pedersen, T.P. *see* Cramer, R.J.F. 36537
Pedersen, T.P. *see* van Heijst, E. 21526
Pederson, A., Pearson, A. Canadian aeronautical mobile data trials 37920
Pederson, D.O. *see* Roychowdhury, J.S. 26635
Pederson, L.R. *see* Youngblood, G.E. 17369
Pederzini, E. *see* Montangero, P. 43608
Pedlingham, H.A. *see* McDonnell, D.G. 46552
Pedone, F. *see* Xu, Y. 15167
Pedraja, F.G., Artes, A., del Pino, A. Performance analysis of LMS adaptive filtering for PMP radio system applications 14429
Pedram, M., Nobandegani, B.S., Preas, B.T. On the segmentation design and routability analysis problems for row-based FPGAs 18409
Pedram, M. *see* Iman, S. 19945
Pedraza, A.J. *see* Lowndes, D.H. 19643
Pedrelli, M. *see* Bartezzaghi, E. 48296
Pedretti, M. *see* Pflug, L. 36051
Pedrini, C. *see* Brenier, A. 28797
Pedro, A.A. Constant component in an AC electric-arc voltage 40668
Pedro, J.C., Perez, J. A novel non-linear GaAs FET model for intermodulation analysis in general purpose harmonic-balance simulators 27225
Pedro, J.C., Perez, J. Accurate simulation of GaAs MESFET's intermodulation distortion using a new drain-source current model 34249
Pedro, J.C. *see* Domingues, P.G. 30767
Pedro, T.de *see* de Pedro, T.
Pedrotti, K.D., Pierson, R.L., Jr., Sheng, N.H., Nubling, R.B., Farley, C.W., Chang, M.F. High-bandwidth OEIC receivers using heterojunction bipolar transistors: Design and demonstration 43673
Pedrotto, G. *see* Stern, A. 23389
Pedroviejo, J.J. *see* Campo, E. 2547
Pedrow, P.D., Qin, B.L., Wang, Q.Y. Influence of load current on bipolar DC corona 24897
Pedrycz, W. *see* Kermanshahi, B.S. 16269
Pedrycz, W. *see* Zaifu Zhang 1143
Pee-Yew Lee *see* Hong-Ming Lin 9799
Peebles, J.W. High pin count packaging: deriving order from chaos 33382
Peebles, W.A. *see* Zu Qinxin 12020
Peecook, K.M. *see* Stone, J.R. 7558
Peek, H.L. *see* Hurkx, F. 34895
Peek, M.J.H. *see* van der Werf, A. 26599
Peel, E., Langridge, K. International Telecommunications—systems networks and services 37257
Peel, T.F., Hassett, D.F. High pin count PGA sockets raise challenge 34313
Peeples, J.W., Wilkins, J.A. High pin count packaging selecting the right one! 370
Peer, R.G. *see* Georges, T.M. 7607
Peerlings, J. *see* Afshar-Hanaii, N. 2514
Peetermans, P. Fibre-optic sensors: a review 15062
Peeters, A.M.G. *see* Ebergen, J.C. 26812
Peeters, F.M. *see* Leao, S.A. 10728
Peeters, J., Beyne, E., Manhaeve, H., Gevaert, D. EMI on chip 36261
Peeters, J. *see* Beckers, M. 37354
Peeters, R.M.L. *see* van der Poel, C.J. 3589
Pegge, C.S. *see* Hodge, K.G. 5876
Peggs, S. *see* Lee, S.Y. 7040
Peggs, S. *see* Saritepe, S. 31600
Peggs, S. *see* Satogata, T. 38791
Peghaire, A. *see* He Zhiyong 46884
Pegler, P. *see* Candelaria, J. 2648
Pegler, P.L. *see* Theodore, N.D. 34791
Peh, B.C. *see* Chan, T.W. 6677
Pehl, R. *see* Madden, N. 38943
Pehlivanov, A.I., Carey, G.F., Lazarov, R.D., Shen, Y. Convergence analysis of least-squares mixed finite elements 9483
Pehrsson, P.E., Glesener, J., Morrish, A.A. The CVD diamond nucleation mechanism on Si overlaid with sp^2 carbon 860
Pehrsson, P.E. *see* Marchywka, M. 19514
Pehrsson, T.B. A planning system using expert system technology 24876
Pei, J.Y. *see* Huang, J.H. 42284
Pei, Q., Inganas, O. Conjugated polymers as smart materials: bending bipolymer strips 23522
Pei, S., Khouzam, N. The effect of noise in dynamic testing of A/D converters 10236
Pei, S.-C., Tseng, C.-C. A novel structure for cascade form adaptive notch filters 10304
Pei, S.-C., Tseng, C.-C. Adaptive IIR notch filter based on least mean p-power error criterion 18885
Pei, S.-C. *see* Shyu, J.-J. 10316
Pei, S.S. *see* Chirovsky, L.M.F. 20491
Pei, S.S. *see* Pearton, S.J. 2581
Pei, X. *see* Caussyn, D.D. 38778
Pei, X. *see* Ellison, M. 38779
Pei, X. *see* Huang, H. 23976
Pei, X. *see* Li, D. 6973
Pei Changxing *see* Wu Guoyang 6713
Pei Jun *see* Jun Pei
Pei Liu *see* Liu Pei
Pei Ma Yu *see* Yu Pei Ma
Pei Shiyan *see* Shiyan Pei
Pei Soo-Chang *see* Soo-Chang Pei
Pei Xian-Deng *see* Smirnov Valerij, V. 31116
Pei Xian-Deng *see* Wang Ju-Xiang 31174
Pei Xian-Deng *see* Xie Chang-Sheng 31118
Pei Yuntian Study of Si-oil contamination on mirror of remote sensing instrument 15981
Pei-fu Gu *see* Liu, X. 3294

Pei-Jih Wang *see* Tz-Guei Jung 26448
Pei-Ju Zheng *see* Ji-Tao Wang 18289
Pei-Kuen Wei, Hwei-Yuan Liu, Way-Seen Wang Beam propagation analysis of a tapered proton-exchanged lithium niobate optical waveguide 43459
Pei-Kuen Wei, Way-Seen Wang Fabrication of lithium niobate optical channel waveguides by nickel indiffusion 43458
Pei-Kuen Wei, Way-Seen Wang A TE-TM mode splitter on lithium niobate using Ti, Ni, and MgO diffusions 43503
Pei-xiang Lu *see* Zhi-zhang Xu 3453
Pei-yang Yan, Qi-de Qian, Langston, J. Effect of lens aberration on oblique illumination stepper system 2275
Pei-Yuan Pan *see* Pan Pei-Yuan
Peicai Shu *see* Shu Peicai
Peicong Pan *see* Pan Peicong
Peida Wang *see* Demesmaeker, E. 8748
Peida Wang *see* Luque, A. 8747
Peida Wang *see* Morales-Acevedo, A. 8749
Peida Ye *see* Qing Li 28842
Peida Ye *see* Qing Li 30787
Peida Ye *see* Qing Li 30799
Peida Ye *see* Xiongyan Tang 3015
Peida Ye *see* Xiongyan Tang 11780
Peida Ye *see* Xiongyan Tang 30708
Peide, W. *see* Quan, P. 21812
Peier, D., Senftleben, H., Wetter, M. Premises for distributed fiber optic current sensing 23664
Peier, D. *see* Haijes, B. 25066
Peier, D. *see* Hirsch, H. 38542
Peier, D. *see* Jendernalik, L. 44434
Peifa Shao *see* Shao Peifa
Peifang Zhou, Khansari, M., Leon-Garcia, A. Noncausal predictive image coding 30068
Peiffer, W., Scheuerer, F. A comparative evaluation of the Chirp-z and fast Fourier (CZT and FFT) transforms 36678
Peiffer, W., Thienpont, H. Considerations on optical cellular automata for array logic and image processing: a functional analysis 28542
Peiffer, W., Thienpont, H., Pelt, M., Vounckx, R., Veretennicoff, I. Polarization and birefringence based optical system for reconfigurable weighted interconnects and image shifting 20479
Peiffer, W. *see* Thienpont, H. 11735
Peifu Gu *see* Ting Mei 31292
Peifu Gu *see* Yueming Zhou 35482
Peiheng Wu, Zhijian Sun, Senzu Yang, Zhengming Ji, Daoben Zhu, Yunqi Liu, Jinbiao Zhang, Peiji Wu, Shiyuan Zhang, Hongcai Zhang Fabrication of $YBa_2Cu_3O_x$/LB/$YBa_2Cu_3O_x$ edge junctions 35272
Peihong Hou Motion estimation with improved reliability 13646
Peihsin Tsien *see* Tsien Peihsin
Peihua Lu *see* Lu Peihua
Peihua Qiu *see* Kunji Chen 12332
Peihua Qiu *see* Qiu Peihua
Peihui Liang *see* Liang Peihui
Peiji Wu *see* Peiheng Wu 35272
Peijun Yu *see* Zhe Chen 7533
Peik, E. *see* Hollemann, G. 28794
Peile, R.E. A co-designed coding, modulation and equalization scheme for the transmission of 155.52 mbit/s data over a 72 MHz INTELSAT transponder. 1. Coding and modulation performance 22974
Peile, R.E., Rajput, S.A., Welch, L.R. A co-designed coding, modulation and equalization scheme for the transmission of 155.52 Mbit/s data over a 72 MHz INTELSAT transponder. 2. Equalization 22975
Peile, R.E. *see* Chambers, W.G. 4435
Peilin Zhang *see* Zhang Peilin
Pein, H., Plummer, J.D. A 3D sidewall flash EPROM cell and memory array 18722
Peinado, A.M. *see* Segura, J.C. 44776
Peinado, V. *see* Perez-Castellanos, M. 18753
Peinan Jiao *see* Jiao Peinan
Peiniger, M. *see* Kiehlmann, D. 15507
Peiniger, M. *see* Kiehlmann, D. 15525
Peios, N.N., Hantila, I.F., Della-Giacomo, ER. Boundary conditions in the diffusion problems of the electromagnetic field 44218
Peiponen, K.-E., Silfsten, P., Riihola, P., Vartiainen, E.M., Asakura, T., Salminen, O. Some remarks on the use of SHG in nickel surface roughness inspection 6800
Peiponen, K.-E. *see* Rasanen, J. 23894
Peiponen, K.E. *see* Luostarinen, J. 35311
Peippo, K., Lund, P.D. Optimal sizing of solar array and inverter in grid-connected photovoltaic systems 32801
Peiro, F., Cornet, A., Morante, J.R., Georgakilas, A., Halkias, G. Structural characterization by TEM of strained InGaAs/InAlAs quantum well structures 695
Peiro, F. *see* Georgakilas, A. 740
Peise, J. *see* Lohmann, D. 46810
Peisert, A. *see* Masciocchi, S. 7182
Peisheng, Y. *see* Shiqiao, Z. 12103
Peisheng Yang *see* Yang Peisheng
Peisner, J., Sangare, Y., Leveque, G. Discrimination between volume and interface traps in $C(V)$ and photo $I(V)$ experiments on 10-30 nm MOS capacitors 10779
Peisner, J. *see* Leveque, G. 46454
Peissig, J. *see* Kollmeier, B. 24354
Peitao Li *see* Li Peitao
Peixia Qiu *see* Qiu Peixia
Peixian Ye *see* Yingwu Lian 3837
Peixian Ye *see* Ye Peixian
Peixiang Lu, Zhizhan Xu, Zhengquan Zhang, Pinzhong Fan Spatial characteristics of recombination X-ray lasers 3458
Peixiang Lu *see* Lu Peixiang
Peizhen Deng *see* Hongping Guo 43771
Peizhen Huang *see* Huang Peizhen
Peizheng Deng *see* Deng Peizheng
Peizhong Hua *see* Hua Peizhong
Pejovic, M., Golubovic, S., Ristic, G., Odalovic, M. Annealing of gamma-irradiated Al-gate NMOS transistors 19850
Pejovic, M., Ristic, G., Golubovic, S. A comparison between thermal annealing and UV-radiation annealing of γ-irradiated NMOS transistors 11211
Pejovic, M. *see* Ristic, G. 2518
Pejovic, M. *see* Ristic, G. 34970
Peka, P. *see* Klimakow, A. 33581
Pekmestzi, K.Z., Caraiscos, C.G. A class of systolic serial-parallel multipliers 41802
Pekny, J.F., Miller, D.L. A staged primal-dual algorithm for finding a minimum cost perfect two-matching in an undirected graph 41076
Pelacchi, P. *see* Cauzillo, B.A. 16415
Pelaez, J.G. *see* Arias de Velasco, A.A. 6659
Pelah, A., Campbell, F.W. Visual detection of sampling and quantisation artifacts on sinusoidal luminance gradients 22084
Pelanchon, F. *see* Moreau, Y. 35075
Pelayo, F.J. *see* Ortega, J. 18587
Pelayo, F.J. *see* Ortega, J. 18588
Pelayo, J. *see* Gilgen, H.H. 3079
Pelayo, J. *see* Subias, J. 37668
Pelc, A. Broadcasting time in sparse networks with faulty transmissions 13991
Pelc, A. *see* Blóugh, D.M. 13847
Pelc, A. *see* Chlebus, B.S. 22588
Pele, D. *see* Dugelay, J.-L. 13815
Peled, A., Farhadyan, J., Zloof, Y., Baranauskas, V. The midrange and high temperature dependence of vacuum deposited NiCr thin film resistors 19160
Peled, E. *see* Gorenshtein, A. 17244
Peleg, D., Schechtman, G., Wool, A. Approximating bounded 0-1 integer linear programs 542
Peleg, D. *see* Bar-Ilan, J. 22620
Peleg, K., Ben-Hanan, U. Adaptive classification by neural net based prototype populations 22141
Peleg, S., Friedlander, B. A technique for estimating the parameters of multiple polynomial phase signals 13318
Peleg, S., Friedlander, B. Multi-component signal analysis using the polynomial transform 29682
Peleg, S. *see* Irani, M. 29800
Peleg, S. *see* Irani, M. 45067
Pelegatti, M. Italian standards for electrical gear for use in explosive atmospheres 40878
Pelekanos, N.T. *see* Haas, H. 11687
Pelekhov, V.I., Moryakov, V.P., Martynenko, V.V., Sergeev, M.V. An economical helium cryostat for a superconducting solenoid of a conversion electron spectrometer 24120
Pelekhova, O.A. Aggregation of preferences with the account of expert's competence in the problem of decision making 41054
Pelella, M.M., Nguyen, P.T., Saccamango, M.J., Ratanaphanyarat, S., Comfort, J.H., Fischer, S.E., Knepper, R.W., Peressini, P.P., Chu, S.F. A comparative device and performance analysis between a Si-Ge epitaxial-base HBT and a Si double-poly I/I BJT npn structure 11171
Pelet, P., Engheta, N. Mutual coupling in finite-length thin wire chirostrip antennas 4248
Peletz, L.J. *see* Thibeault, P.R. 8213
Peletz, L.J. *see* Thibeault, P.R. 32757
Pelfer, P.G. *see* Beaumont, S.P. 15637
Pelfer, P.G. *see* Fabeni, P. 6307
Pelfer, P.G. *see* Navarria, F.L. *(editor)* 42
Peli, E. Enhancement of retinal images: a critical evaluation of the technology 31861
Peli, T. *see* Tom, V.T. 29832
Pelikant, A. Electromagnetic field theory as a basis to the analysis of switched reluctance motor dynamic 47864
Pelikant, A. *see* Wiak, S. 44251
Pelino, M. *see* Cantalini, C. 6407
Pelissier, S. *see* Pigeon, F. 6522
Pelissou, S. *see* Courteau, R. 43193
Pelizzone, M. Auditory magnetic fields in cochlear-implant patients 31983
Pelka, R. *see* Kalisz, J. 46645
Pell, W. *see* Adams, W.A. 48387
Pellandini, F. *see* Ansorge, M. 10333
Pellandini, F. *see* Corthay, F. 10332
Pellat, D. *see* Masetti, F. 37658
Pellat, D. *see* Oudar, J.L. 20947
Pelle, J.-P. *see* Coorevits, P. 41218
Pelled, L.H., Adler, P.S. Antecedents of intergroup conflict in multifunctional product development teams: a conceptual model 40861
Pellegretti, P., Roli, F., Serpico, S.B., Vernazza, G. Supervised learning of descriptions for image recognition purposes 36992
Pellegretti, P. *see* Dambra, C. 13784
Pellegrin, C. *see* Lacquaniti, L.G. 7428
Pellegrini, B., Macucci, M. Splitting of electron current pulses and noise in double-barrier heterostructures 19363
Pellegrini, B. *see* Macucci, M. 19921
Pellegrini, C., Rosenzweig, J., Travish, G., Bane, K., Boyce, R., Loew, G., Morton, P., Nuhn, H.-D., Paterson, J., Pianetta, P., Raubenheimer, T., Seeman, J., Tatchyn, R., Vylet, V., Winick, H., Halbach, K., Kim, K.-J., Xie, M., Prosnitz, D., Scharlemann, E.T., Bonifacio, R., De Salvo, L., Pierini, P. The SLAC soft X-ray high power FEL 44002
Pellegrini, C. *see* Bonifacio, R. 43985
Pellegrini, C. *see* Bonifacio, R. 43997
Pellegrini, C. *see* Gover, A. 35903
Pellegrini, C. *see* Hartman, S.C. 38818
Pellegrini, C. *see* Robin, D. 6895
Pellegrini, C. *see* Rosenzweig, J. 42357
Pellegrini, C. *see* Zhang, R. 43690
Pellegrino, A. *see* Grimado, P.B. 5921
Pellegrino, A. *see* Yuce, H.H. 5922
Pellegrino, A. *see* Zondervan, A. 46867
Pellegrino, B.A. *see* Roman, H.T. 17934
Pellegrino, J.G. *see* Christensen, D.H. 20831
Pellet, C. *see* Sano, K. 12389
Pelletier, E. *see* Grezes-Besset, C. 11806
Pelletier, E. *see* Richier, R. 3021
Pelletier, J. *see* Bounasri, F. 2128
Pelletier, S., Dufour, M. Characterization of wear and profile of diamond drill bit by optical profilometry 26544
Pelli, S. *see* de Natale, P. *(editor)* 26022
Pelliccioni, M. *see* Ferrari, A. 23950
Pellizoni, R., Aguero, J.L., Issouribehere, P.E., Barbero, J.C. Project and technical specifications for the telecontrol system for the Mar del Plata electrical distribution system 7881
Pellizzari, E.D. *see* Kizakevich, P.N. 15690
Pelloie, J.L. *see* Dentan, M. 34183
Pelosi, C. *see* Attolini, G. 41295
Pelosi, G., Manara, G., Bernard, J.-M.L., Freni, A. Diffraction by a planar junction between a perfectly conducting and a periodically loaded impedance surface 36134
Pelosi, G. *see* Bernard, J.M.L. 36147
Pelosi, G. *see* Guglielmi, M. 42166
Pelosi, G. *see* Maci, S. 21206
Pelosi, G. *see* Manara, G. 4042
Pelouch, W.S., Ellingson, R.J., Powers, P.E., Tang, C.L. Extending the frequency range of femtosecond lasers 20687
Pelouch, W.S. *see* Powers, P.E. 20977
Pelourson, A. *see* Briot, R. 8468
Pelt, M. *see* Peiffer, W. 20479
Pelt, M. *see* Thienpont, H. 11735
Peltier, R. A Monte Carlo simulation of cogeneration system operating policies 8144
Peluso, G. *see* Cristiano, R. 24132
Peluso, G. *see* Cristiano, R. 38878
Peluso, G. *see* Nakagawa, H. 15614
Peluso, R.I. *see* Di Lena, G. 33535
Pelz, B., Schott, M.K., Niemz, M.H. Electro-optic mode locking of an erbium:YAG laser with a rf resonance transformer 35734
Pelz, G., Roettcher, U. Pattern matching and refinement hybrid approach to circuit comparison 26553
Pelz, L., Schultz, H., Schuhmann, H. The technical and economic feasibility of EMC in industrial units 25979
Pemble, M.E., Armstrong, S.R., Curry, S.M., Hoare, R.D., Logothetis, G., Povey, I.M., Stafford, A., Taylor, A.G. Probing surface chemical processes during epitaxial semiconductor crystal growth at near-atmospheric pressures using photon-based techniques 26436
Pemble, M.E. *see* Hoare, R.D. 41373
Pemmaraju, S., Mitra, S. Clustering of noisy image data using an adaptive neuro-fuzzy system 36796
Pen, E.F. *see* Bazanov, M.V. 29038
Pen, E.F. *see* Dossadin, V.I. 12424
Pen, E.F. *see* Gerasimova, T.N. 29063
Pen, E.F. *see* Konstantinova, A.V. 29064
Pena, J. *see* Labeau, M. 6640
Pena, R. *see* Sumner, M. 8848
Pena, R.S., Asher, G.M. Parameter sensitivity studies for induction motor parameter identification using extended Kalman filters 16852
Penard, E. *see* Hettak, K. 27144
Penard, E. *see* Meyer, S. 5453
Penard, E. *see* Murgulescu, M.-H. 34217
Penasa, M. *see* Bonollo, F. 21141
Penaud, J.G. *see* Betrema, J. 513
Penberth, M. *see* Campbell, N. 10551
Penberth, M.J. The differences between SPICE 3E2 and 2G6 and their consequences for simulation reliability 41567
Pence, J. *see* Anholt, R. 19029
Pence, J.E. Technique verifies LRRM calibrations on GaAs substrates 31409
Pence, J.E. *see* Matloubian, M. 1503
Pence, J.E. *see* Matloubian, M. 42211
Pence, W.E. *see* Senthinathan, R. 17842
Penchev, O. *see* Jordanova, J. 39872
Pencikowski, P. Advanced crewstation design 39204
Pencikowski, P. Advanced crew station integration cockpit 47193

Penco, P.Moran *see* Moran Penco, P.
Penczynski, P. *see* Hackel, I. 8802
Pender, W.A. *see* Beeson, K.W. 3157
Pendergrass, J.H. *see* Sullivan, J.A. 3426
Pendl, W., Jr. *see* Carbonari, A.W. 10806
Pendleton, R. *see* Rimmer, R. 15511
Pendleton, R.P. *see* Arcioni, P. 15435
Pendock, G.J., MacKenzie, H.S., Payne, F.P. Dye lasers using tapered optical fibers 3471
Pendock, N. Maximum entropy conductivity estimation from airborne electromagnetic step-response data 15987
Pendrick, V. *see* Fathy, A. 1482
Pendrick, V. *see* Harshavardhan, K.S. 20170
Pendrick, V. *see* Harshavardhan, K.S. 43340
Pendse, H.P. *see* Lec, R.M. 16062
Pendse, H.P. *see* Lec, R.M. 23542
Penfield, S.R., Jr. *see* Williams, P.M. 47691
Peng, B., Izumitani, T. Next generation laser glass for nuclear fusion 43759
Peng, C.J. *see* Chor, E.F. 19776
Peng, F.Z., Kohata, M., Akagi, H. Compensation characteristics of shunt active and series active power filters 7697
Peng, G.D., Latif, A., Chu, P.L., Chaplin, R.A. Experimental studies of organic polymers for nonlinear optical fibres 35302
Peng, G.D., Tjugiarto, T., Chu, P.L. Accurate elasto-optic probe method for measurement of coupling length in twin-core optical fiber 43427
Peng, G.D. *see* Ankiewicz, A. 3876
Peng, G.D. *see* Chu, P.L. 36001
Peng, K.R. *see* Lee, M.K. 38487
Peng, L., Besley, L.M. The properties of Chinese standard rhodium-iron resistance thermometers 23556
Peng, L.-H. *see* Hirayama, Y. 44076
Peng, L.-M. *see* Zhou, X.C. 9602
Peng, S. Test methodology for a large ASIC design 26913
Peng, S.-T. *see* Lo, W.-T. 1387
Peng, S.-T. *see* Wen-Teng Lo 42142
Peng, S.T. Wave propagation in dielectric waveguides with slanted gratings 12667
Peng, S.T. *see* Ching-Cheng Tien 18964
Peng, S.W. *see* Yan, L.G. 25331
Peng, T.-M. *see* Papalexopoulos, A.D. 24864
Peng, T.M., Hubele, N.F., Karady, G.G. An adaptive neural network approach to one-week ahead load forecasting 24715
Peng, X.-H., Farrell, P.G. On the construction and decoding of a class of parity-check-based codes 4424
Peng, X.L., Guan, L., Cheng, S.J., Zhang, J., Zhou, C.G. Intelligent management of a multi-functional expert system in power system 7831
Peng, X.L. *see* Guan, L. 7832
Peng, Z., Hsu, J., Liu, B., Kwan, M., Longcor, S., Frey, J. Simulation of read-disturb lifetime reduction in submicron EPROM devices 18743
Peng, Z. *see* Li, G. 2293
Peng, Z. *see* Yu, L. 44075
Peng Cheng, Masuyama, S. Computing the expected maximum number of vertex-disjoint s-t paths in a probabilistic basically series-parallel digraph 26309
Peng Gang *see* Yang Shizhong 10026
Peng Hsiu-Lin *see* Hsiu-Lin Peng
Peng Huimin, Zhang Yuquan, Lan Ke, Zhang Tanxin An approach for getting high GL in recombination soft X-ray laser 3447
Peng Jaw-Gi *see* Jaw-Gi Peng
Peng Ji-Ming *see* Liu Guang-Hui 41119
Peng Jia-Min *see* Jia-Min Peng
Peng Jiangde *see* Jiang Xin 20691
Peng Jun *see* Zhang Fujia 27563
Peng Kunchi *see* Gao Jiangrui 28908
Peng Kunchi *see* Li Ruining 20689
Peng Kunchi *see* Kunchi Peng
Peng Li *see* Yu Changtai 11011
Peng Liangfu, Yang Zhonghai, Liu Shenggang Research of harmonic property in a two-dimensional undulator free-electron laser 12266
Peng Liao-Bo *see* Shi Wen-Jiang 28457
Peng Lin *see* Lin Peng
Peng Rui-Wu *see* Ding Yong-Qing 41305
Peng Rui-Wu *see* Wei Guang-Yu 41304
Peng Sen-Chueh *see* Sen-Chueh Peng
Peng Seng Tan *see* Tan Peng Seng
Peng Seng Toh, Chong Yee Lee A true-color picture element for large screen display 38622
Peng Sheng-Lih *see* Sheng-Lih Peng
Peng Sixian *see* Wang Longji 5532
Peng Wang Ruo *see* Ruo Peng Wang
Peng Xiaolan, Guan Ling, Cheng Shijie, Zhang Jian, Zhou Chuangui, Gao Zuoming A multi-functional expert system for power system management 32250
Peng Xiaolan, Zhen Chun, Guan Ling, Cheng Shijie, Chen Deshu, Zhang Jian, Zhou Chuangui Analysis of the backpropagation method applied to the neural network in power system 7726
Peng Yan-Tai *see* Wang Yao-De 17407
Peng Ying *see* Fu Yaoxian 35298
Peng Ying *see* Ying Peng
Peng Yu *see* Ye Miao-Yuan 31250
Peng Yuanwang *see* Ye Yutang 23662
Peng Yuanwang *see* Ye Yutang 38523
Peng Zhang *see* Xinhua Zhuang 45019
Peng Zhengfu *see* Gao Xiang 10688
Peng Zhong-Qiu *see* Zhang Wen-Jun 31117
Peng Zhongqiu A new approach to solving integral equation for transient scattering by a lossy dielectric cylinder 12572
Peng Zhongqiu Iterative methods for solving electromagnetic scattering problems with multiple incident directions 36129
Peng-Sheng Li *see* Li Peng-Sheng
Peng-Ye Wang *see* Mao Ye 21013
Peng-Yeng Yin, Ling-Hwei Chen New method for multilevel thresholding using the symmetry and duality of the histogram 21976
Peng-Yeng Yin, Ling-Hwei Chen Random-sampling thresholding: a new approach to multilevel thresholding 29806
Peng-Yeng Yin, Ling-Hwei Chen A new non-iterative approach for clustering 29973
Peng-Yeng Yin, Ling-Hwei Chen New method for ellipse detection by means of symmetry 30132
Peng-Yung Woo *see* Sei-Yu Tsai 8434
Pengelly, R. *see* Rohde, U.L. 27217
Pengelly, R.S. *see* Kottapalli, K. 19019
Pengelly, R.S. *see* Tayrani, R. 11235
Pengelly, R.S. *see* Tayrani, R. 42201
Pengfei Shi *see* Jianxiong Wu 4563
Pengfei Wu *see* Haosheng Fei 44159
Pengg, F. *see* Beker, H. 7152
Pengg, F. *see* Campbell, M. 46972
Pengg, F.X. *see* Dierickx, B. 24001
Pengo, R. *see* Fortuna, G. 6906
Pengsheng Li *see* Li Pengsheng
Pengyuan Chen The communication complexity of computing differentiable functions in a multicomputer network 45271
Penin, A., Zabrodin, K. Dynamics and statistics of holographic type parametric light scattering 21118
Penin, A.N. *see* Ginzburg, V.M. 15033
Penin, A.N. *see* Ginzburg, V.M. 23915
Penin, A.N. *see* Klyshko, D.N. 29010
Penkethman, J., Motta, S. A dual magnification video microscope for machine vision 46493
Penkowski, M. *see* Nyka, K. 26107
Penman, J. *see* Hatzipantelis, E. 8276
Penn, B.S., Gordon, A.J., Wendlandt, R.F. Using neural networks to locate edges and linear features in satellite images 22076
Penn, J. *see* Albanese, R. 44313
Penn, J.E. *see* Moore, C.R. 42247
Penn, M. Eastern Europe in the global microelectronics marketplace 9366
Penn, M.J., Dougherty, B.L., Cabrera, B. Simultaneous measurement of phonons and ionization using SiCADs 24037
Penn, M.J. *see* Dougherty, B.L. 24034
Penn, S.J. *see* Hosking, M.W. 27292
Penna, C. *see* Chiappini, A. 44449
Penna, M. *see* Matarazzo, S. 43346
Penna, M.C., de Souza, J.N. Unification of heterogeneous network management 14040
Pennathur, S., Kwok, H.H.L. Equivalent circuit for a GaAs CCD 11247
Pennati, G.P., Bonasoro, M., Menajovsky, S., Rossi, G.C. Enhanced snow-cover classification in satellite images using GIS data 16003
Penner, R.M. *see* Hsiao, G.S. 34850
Penner, T.L., Motschmann, H.R., Armstrong, N.J., Ezenyilimba, M.C., Williams, D.J. Efficient phase-matched second-harmonic generation of blue light in an organic waveguide 21010
Penner, T.L. *see* Clays, K. 20357
Penney, C.W., Luebbers, R.J. Radiation and scattering of a square Archimedean spiral antenna using FDTD 29319
Pennings, E.C.M. *see* Smit, M.K. 44526
Pennings, E.C.M. *see* van Roijen, R. 35920
Pennings, E.C.M. *see* van Roijen, R. 43858
Pennington, D.M., Henesian, M.A., Dixit, S.N., Powell, H.T., Thompson, C.E., Weiland, T.L. Effect of bandwidth on beam smoothing and frequency conversion at the third harmonic of the Nova laser 35976
Pennington, S.L. *see* Strong, A.W. 35083
Pennington, T. *see* DiBitonto, D. 31722
Pennino, T. Design for manufacturability: a success story 34344
Pennino, T.P., Potechin, J. Design for manufacture 221
Pennise, C.A., Boesch, H.E., Jr., Goetz, G., McKitterick, J.B. Radiation-induced charge effects in buried oxides with different processing treatments 34634
Pennisi, A., Simone, F. Electrochromic device based on tungsten oxide and on Nafion-H as polymeric electrolyte 3172
Pennock, S.R., Weizhong, Y., Rozzi, T. Circuit and antenna properties of diodes mounted in inset dielectric guide 29378
Pennock, S.R. *see* Burchett, M.H. 1384
Pennock, S.R. *see* Burchett, M.H. 27122
Pennock, S.R. *see* Burchett, M.H. 44538
Pennock, S.R. *see* Cryan, M.J. 34244
Pennock, S.R. *see* Fan, Z. 4194
Pennock, S.R. *see* Fan, Z. 21369
Pennock, S.T. *see* Zacharias, R.A. 39293
Penny, L. Acoustic measurements of the diphthongs of women speakers of general Australian English 13045
Pennycook, S.J. *see* Jesson, D.E. 9597
Pennycook, S.J. *see* LeGoues, F.K. 9569
Penot, J.M., Tatsos, P. A user's experience with a new composite solder mask system [PCB manufacture] 1719
Penso, G. *see* Cianfarani, C. 31731
Pensotti, S. *see* Borchi, E. 7251
Pensutti, E.M. *see* Benvenutti, C.J. 45885
Pentland, A. *see* Azarbayejani, A.J. 37043
Pentland, C.J. Trends in LAN/WAN integration 37477
Pentlow, K.S. *see* Daghighian, F. 15734
Pentogov, I.V. *see* Sidorets, V.N. 26551
Pentrack, D. *see* Zmuda, M.W. 3030
Pentsov, A.V. *see* Slobodchikov, S.V. 11846
Penttila, S. *see* Szymanski, J.J. 38862
Penttinen, A. *see* Koskinen, K. 13383
Penty, R.V. Picosecond optical switching using near bandedge nonlinearities in semiconductor waveguides 12403
Penty, R.V. *see* Tsang, H.K. 3804
Penty, R.V. *see* Williams, K.A. 35838
Pentyuk, M.V. *see* Badalyan, V.G. 18346
Pentyuk, M.V. *see* Badalyan, V.G. 18388
Penz, T. *see* Wiendahl, H.-P. 41001
Penzel, T. *see* Varri, A.O. 39071
Penzhorn, W.T. Fast algorithms for the generation of large primes for the RSA cryptosystem 12946
Penzhorn, W.T. A parallel algorithm for high-speed data compression 12947
Penzin, K.V. Bayesian estimation of parameters in ambiguous measurements 14860
Penzkofer, A. *see* Schwan, C. 3838
Penzo, A. *see* Borchi, E. 7251
Penzo, R. *see* Balbo, N. 16148
Penzold, A., Penzold, W., Werthschutzky, R. Design and realization of overload differential pressure transmitters 46354
Penzold, W. *see* Penzold, A. 46354
Penzotti, J.E., Malkin, R.A., Pilkington, T.C. A new high performance designer of optimal defibrillation experiments 39100
Pepe, G. *see* Cristiano, R. 24132
Pepe, G. *see* Cristiano, R. 38878
Pepe, G. *see* Esposito, E. 31773
Pepe, G. *see* Nakagawa, H. 15614
Pepe, K.B. The MC88110's high performance load/store unit 41976
Pepeljugoski, P., Cutrer, D., Lau, K. 3.4 ps wide compressed optical pulses from electrically gain-switched vertical cavity surface emitting laser 43949
Pepeljugoski, P. *see* Georges, J.B. 30752
Pepeljugoski, P.K., Cutrer, D.M., Lau, K.Y. Parametric dependence of timing jitter in gain-switched semiconductor lasers 35856
Peperstraete, J.A. *see* Bilsen, G. 18755
Pepin, H. *see* Haghiri-Gosnet, A.M. 28214
Pepin, H. *see* Nantel, M. 11914
Pepler, D.A., Danson, C.N., Bann, R., Ross, I.N., Stevenson, R.M., Norman, M.J., Desselberger, M., Willi, O. Focal spot smoothing and tailoring for high-power laser applications 35947
Pepler, D.A. *see* Bett, T.H. 12315
Pepler, D.A. *see* Danson, C.N. 3569
Peppard, L. *see* Orton, G. 12918
Peppard, L.E. *see* Sivabalan, M. 12928
Pepper, D.M. *see* Dunning, G.J. 44050
Pepper, D.M. *see* Mitchell, P.V. 3279
Pepper, M. *see* Brown, M. 42521
Pepper, M. *see* Burroughes, J.H. 11233
Pepper, M. *see* Cobden, D.H. 19877
Pepper, M. *see* Dzurak, A.S. 1878
Pepper, M. *see* Ford, C.J.B. 27512
Pepper, M. *see* Liang, C.-T. 42527
Pepper, M. *see* Simpson, P.J. 10712
Pepper, M. *see* Smith, C.G. 42534
Pepper, M. *see* Tewordt, M. 42525
Pepper, S. *see* Diamond, S. 23855
Peppley, B.A. *see* Amphlett, J.C. 25666
Pequet, E. *see* Dewey, R. 22879
Pequet, E. *see* Durvaux, M. 37900
Pequet, E. *see* Sfez, R. 37155
Pera, T., Ossart, F., Waeckerle, T. Field computation in non linear anisotropic sheets using the coenergy model 44210
Perahia, J., Nayar, C.V. Reactive power compensation of a three-phase tandem induction generator 8373
Perahia, J. *see* Nayar, C.V. 32851
Perala, R.A., Rigden, G.J., Pfeffer, R.A. The argument for a unified approach to nonionizing radiation protection 36252
Perala, R.A., Rudolph, T.H., McKenna, P.M., Jones, C. Application of numerical analysis to the electromagnetic effects validation of aircraft 39134
Peralta, L. *see* Benvenuti, A. 7252
Peralta, R. A quadratic sieve on the *n*-dimensional cube 9418
Peralta, S.B. *see* Mader, D.L. 39114
Peramunage, D., Licht, S. Ligand, cation and speciation effects on n-CdSe/$([KFe(CN)_6]^{3-/2-})$ photoelectrochemistry 33071
Peransin, J.-M. *see* Orsal, B. 12225
Peransin, J.-M. *see* Orsal, B. 12226
Peransin, J.M. *see* Orsal, B. 3602
Peransin, J.M. *see* Orsal, B. 20841
Perault, J.A. *see* Gross, T.S. 42286
Percaille, J.-P. *see* Grauby, H. 44384

Perchais, E. *see* Gallo, S. 17855
Perchard, J.M., Shaw, K.E., Mueller, M. Characterization of metal film reflectivity for implementation into manufacturing 19679
Perchiazzi, W.T. *see* Lahti, G.P. 32563
Percival, D.B. *see* Joughin, I.R. 32098
Percival, D.B. *see* Walden, A.T. 45017
Percival, R.M., Szebesta, D., Seltzer, C.P., Perrin, S.D., Davey, S.T., Louka, M. 1.6μm semiconductor diode pumped thulium doped fluoride fibre laser and amplifier of very high efficiency 12073
Percival, T.M. *see* Batechlor, R.A. 5733
Percy, P. *see* Carney, L. 41661
Percy, P. *see* Carney, L. 41677
Perdeus, M. *see* Griebenow, R. 32716
Perdieu, L.H. *see* Bandler, S.W. 19266
Perdigou, J. *see* Meauzoone, L. 47719
Perdikes, C. *see* Adam, W. 7259
Perdikis, C. *see* Adam, W. 31715
Perdu, P., Courtade, F. Sample preparation for electron beam testing: an electrical characterization method to obtain an optimized anti-charge-up carbon layer 43048
Perdu, P., Dupire, M. Electron beam testing: a comparative study of irradiation effects on 54HCUO4 with passivation, without passivation, and with an ultra-thin carbon layer 43123
Pereda, J.A., Vielva, L.A., Vegas, A., Prieto, A. FDTD analysis of magnetized ferrites: an approach based on the rotated Richtmyer difference scheme 4214
Pereda, J.A. *see* Vielva, L.A. 29243
Perego, A. *see* Bocciolini, M. 24082
Perego, C., Zanibelli, L., Catrullo, M., Piro, G. Temperature programmed reduction (TPR) characterization of NiO/YSZ for solid oxide fuel cell 17355
Perego, C. *see* Sberveglieri, G. 6660
Perego, R. *see* Beker, H. 7152
Peregrino, R.de Mello *see* de Mello Peregrino, R.
Peregudov, V.S. *see* Zhukov, M.F. 25188
Pereira, A.S. *see* Ramos, F.M.S. 37563
Pereira, E. *see* Brillard, J.N. 22791
Pereira, F. *see* Menezes de Sequeira, M. 30344
Pereira, F. *see* Pires, C. 23306
Pereira, I.J. *see* Douligeris, C. 45380
Pereira, J.G., Malukutla, S. Artificial intelligence controller for energy storage in a single phase power system 47365
Pereira, J.L.R. *see* Marinos, Z.A. 7715
Pereira, J.L.R. *see* Marinos, Z.A. 32172
Pereira, J.S., Shieh, P.J., Gobbi, A.L., Sato, E., Malberti, P., Santos, T., Borin, F., Patel, N. Reliability of InGaAs/InP photodiodes passivated with polyimide 43631
Pereira, M., Renz, K., Unterla, F. Assessing the FACTS at Kayenta 32385
Pereira, M. *see* Dwayne Miller, R.J. 20723
Pereira, M.F., Jr., Binder, R., Koch, S.W. Theory of nonlinear optical absorption in coupled-band quantum wells with many-body effects 21045
Pereira, M.F., Jr., Koch, S.W., Chow, W.W. Many-body theory of strained quantum well laser media 35865
Pereira, M.V.F. *see* Melo, A.C.G. 24609
Pereira, N. *see* Tariq, W. 6369
Pereira, N.R. *see* Gorbics, S.G. 7300
Pereira, N.R. *see* Stricklett, K.L. 43187
Pereira, R., Van Hove, M., de Potter, M., Van Rossum, M. Influence of CH_4/H_2 reactive ion etching on deep levels in Si-doped $Al_xGa_{1-x}As$ ($x=0.25$) 27685
Pereira, R., Van Hove, M., De Raedt, W., Alay, J., Bender, H., Vandervorst, W., Borghs, G., Van Rossum, M. Enhancement of the metal/Si-doped AlGaAs Schottky barrier height by CH_4/H_2 reactive ion etching 27567
Pereira, R., Van Hove, M., De Raedt, W., Van Hoof, C., Borghs, G., Van Rossum, M., Braspenning, R.H., Eijkemans, T.J., Van Es, C.M., Wolter, J.H. Damage introduced by CH_4/H_2 reactive ion etching in pseudomorphic AlGaAs/InGaAs MODFETs 10904
Pereira, R. *see* van Es, C.M. 19382
Pereira, R.-G. *see* de Wolf, I. 10903
Pereira, R.R. *see* Niclas, K.B. 1667
Pereira, W.C.A., Simpson, D.M., Machado, J.C. An estimator of focal position based on geometric acoustics 16041
Pereira-Ramos, J.P. *see* Maingot, S. 8740
Perelstein, E.A. *see* Kaltchev, D.I. 3407
Perelygin, V.F. *see* Babintsev, V.V. 7210
Peremarti, C. *see* Mbow, B. 3308
Peremy, G. *see* Jardan, R.K. 32923
Perennec, A. *see* Olomo Ngongo, A. 30811
Perennou, G. *see* de Ginestel-Mailland, A. 21704
Perennou, G. *see* Farhat, A. 21703
Perepelovski, V.V. *see* Barybin, A.A. 42995
Perera, A.G.U., Matsik, S. Device model for pulsing in silicon p-i-n structures 34873
Perera, B.S.P., Smith, B.H. A novel model for single-frame cascaded induction machine having a multicircuit rotor winding 25421
Perera, B.S.P. *see* Chicaro, J.F. 40326
Perera, B.S.P. *see* Fakhrul Islam, M. 40116
Perera, H. *see* Zuofeng Li 31977
Perera, P.A.A. *see* Gazes, S.B. 24111
Perera, P.A.A. *see* Maier, M.R. 31781
Perera, V. *see* Eisenhandler, E. 15665
Perera, V. *see* Ellis, N. 38927
Peressi, M., Colombo, L., Baldereschi, A., Resta, R., Baroni, S. Band offsets engineering at semiconductor heterojunctions 34569
Peressini, P. *see* Wagner, L.F. 11176
Peressini, P.P. *see* Pelella, M.M. 11171
Peresypkin, A.I. *see* Britvich, G.I. 7165
Peretz, R. *see* Berger, S. 37359
Perey, C. Transporting multimedia across local area networks 45627
Pereyaslavets, M.L. Synthesis of resonator from given field distribution (H polarization) 27173
Pereyaslavets, M.L., Kastner, R. Analysis of a two-octave polarization rotator using the method of equivalent boundary conditions 34220
Pereyaslavets, M.L. *see* Korshunova, Ye.N. 12722
Pereyra, I. *see* Dirani, E.A.T. 19325
Pereyra, I. *see* Velasquez, E.L.Z. 19612
Perez, A. *see* de Cabrejas, M.L. 24184
Perez, A.P., Kamata, S., Kawaguchi, E. Dynamic estimation of local parameters for image processing 13718
Perez, C.A. *see* Wong, J.W. 15907
Perez, D. *see* de Fermin, R. 14422
Perez, E., Docampo, D., Abdallah, C. Robust stability of complex polynomials with annular uncertainties 44895
Perez, E. *see* Tella, R. 42300
Perez, F., Koch, C. Toward color image segmentation in analog VLSI: algorithm and hardware 43101
Perez, F. *see* Alonso, J.I. 27275
Perez, F. *see* Boveda, A. 27272
Perez, F. *see* Docampo, D. 13151
Perez, F. *see* Docampo, D. 13255
Perez, F. *see* Luque, J. 47417
Perez, H., Barraud, A. Doped (conducting) and undoped (semi-insulating) LB films: application to gas sensing 31330
Perez, J. *see* Abel, E. 39491
Perez, J. *see* Barandiaran, J. 32460
Perez, J. *see* Catedra, M.F. 30872
Perez, J. *see* Corera, J.M. 32225
Perez, J. *see* Pedro, J.C. 27225
Perez, J. *see* Pedro, J.C. 34249
Perez, J. *see* Rodriguez, C. 16432
Perez, J. *see* Rodriguez, C. 32499
Perez, J.Garcia *see* Garcia Perez, J.
Perez, J.M. *see* Garcia-Belmonte, G. 46981
Perez, J.M. *see* Ribas, L. 19947
Perez, J.O. *see* Holman, W.T. 9993
Perez, J.R. *see* Codina, G. 48087
Perez, L.Camara *see* Camara Perez, L.
Perez, L.G., Flechsig, A.J., Meador, J.L., Obradovic, Z. Training an artificial neural network to discriminate between magnetizing inrush and internal faults 47937
Perez, M.A.Garcia *see* Garcia Perez, M.A.
Perez, O., Karim, M.A. Joint transform correlator performance enhancement by a logarithmic-polar transformation 13603
Perez, P. *see* Converse, S.A. 39741
Perez, R. Software and its role in the effective teaching of electromagnetic compatibility 44402
Perez, R. EMI analysis of transient events via method of moments on the Titan IV/Centaur rocket main batteries 44457
Perez, R., Doty, J., Bailey, B., Stewart, R. Experimental evaluation of a photovoltaic simulation program 47809
Perez, R. *see* Bailey, B.H. 32793
Perez, R.A., Koh, S.W. Integrating expert systems with a relational database in semiconductor manufacturing 9213
Perez, V. *see* Jimenez, J. 30642
Perez Aranda, J.M. Comparative analysis of access costs to service centres and databases 37252
Perez Fontan, F., Hernando Rabanos, J.M. Selection of digital terrain data base parameters for radiocommunication system planning applications 14384
Perez Toca, J.M. *see* Amuchastegui, C. 1677
Perez-Alvarez, R. *see* Chico, L. 10697
Perez-Amor, M. *see* Fernandez, D. 41453
Perez-Amor, M. *see* Gonzalez, P. 2146
Perez-Amor, M. *see* Lopez, C. 6525
Perez-Arriaga, I.J. *see* Rouco, L. 24613
Perez-Castellanos, M., Rodellar, V., Peinado, V., Diaz, A., Gomez-Vilda, P. A specific processor for the computation of TDNN algorithms with applications in phonetic coding 18753
Perez-Luque, M.J. *see* Strack, R. 45621
Perez-Martinez, F. *see* Burgos-Garcia, M. 26729
Perez-Martinez, F. *see* Burgos-Garcia, M. 29648
Perez-Martinez, F. *see* Burgos-Garcia, M. 30915
Perez-Martinez, F. *see* Burgos-Garcia, M. 30916
Perez-Mendez, V. *see* Cho, G. 7181
Perez-Mendez, V. *see* Gyuseong Cho 31791
Perez-Mendez, V. *see* Lee, H. 31232
Perez-Munuzuri, A., Perez-Munuzuri, V., Perez-Villar, V., Chua, L.O. Spiral waves on a 2-D array of nonlinear circuits 26660
Perez-Munuzuri, V. *see* Perez-Munuzuri, A. 26660
Perez-Munuzuri, V. *see* Perez-Villar, V. 26670
Perez-Neira, A., Lagunas, M.A. Direction-of-arrival tracking by parallel array processing 39437
Perez-Neira, A. *see* Lagunas, M.A. 18793
Perez-Neira, A. *see* Lagunas, M.A. 21759
Perez-Rodriguez, A., Ramano-Rodriguez, A., Morante, J.R., Esteve, J., Montserrat, J. Raman spectroscopy analysis of nitrogen ion implantation in silicon and correlation with transmission electron microscopy 10866
Perez-Rodriguez, A., Romano-Rodriguez, A., Macia, J., Morante, J.R., Martin, E., Jimenez, J. Optical characterisation of SIMOX structures formed by successive implantation and annealing 34616
Perez-Rodriguez, A. *see* Acero, M.C. 27707
Perez-Rodriguez, A. *see* Calvo, L. 34792
Perez-Rodriguez, A. *see* Dkiouak, R. 27689
Perez-Villar, V., Munuzuri, A.P., Perez-Munuzuri, V., Chua, L.O. Chaotic synchronization of a one-dimensional array of nonlinear active systems 26670
Perez-Villar, V. *see* Perez-Munuzuri, A. 26660
Perfecto, E., Prasad, K., Wilkens, P., White, G., Tummala, R., Prasad, C., Redmond, T. Multilevel thin film packaging technology at IBM 9307
Perfecto, E. *see* Swaminathan, M. 404
Perfecto, E.D., Berger, D.G., Osborn, C.T., White, G. Engineering photosensitive polyimides for MCM-D applications 9255
Perfecto, E.D., Osborn, C., Berger, D.G. Factors that influence photosensitive polyimide lithography performance 308
Perfetti, R. Effect of weight inaccuracy in neural network for computation of discrete Hartley and Fourier transforms 29698
Perfetti, R. *see* Martinelli, G. 36709
Perfetti, R. *see* Martinelli, G. 42126
Perfetto, A. *see* Attaianese, C. 16881
Perfetto, A. *see* Attaianese, C. 17422
Perfetto, A. *see* Attaianese, C. 40199
Perfetto, A. *see* Locci, N. 8884
Periakaruppan, N. *see* Bender, M. 22564
Periasamy, R., Yamamoto, T., Donovan, R.P., Clayton, A.C. Particle transport at subatmospheric pressures: models and verification [deposition] 852
Periasamy, R. *see* Donovan, R.P. 1992
Periasamy, R. *see* Donovan, R.P. 34699
Perier, L. Microcontrollers for domestic appliances, a soft revolution 25950
Perier, L. *see* Rabier, P. 41672
Perillat, P. *see* Chilson, P.B. 39376
Perilstein, M. Mixed HDL simulation 973
Perin, R. Review of R&D towards high-field accelerator magnets 6989
Perin, R. *see* Acerbi, E. 15549
Perin, R. *see* Granier, M. 15547
Perincheril, L. *see* Fixl, A.J. 33998
Perini, J. Radiated versus injected measurements: when are they equivalent? 44392
Perino, J.S., Wiesenfield, J.M., Glance, B. Fibre transmission of 10 Gbit/s signals following wavelength conversion using a travelling-wave semiconductor optical amplifier 37976
Perino, J.S. *see* Wiesenfeld, J.M. 12192
Perino, J.S. *see* Wiesenfeld, J.M. 45964
Perio, A. *see* Gouy-Pailler, P. 19628
Perissi, R. Quality and certification: role of instrumentation operators 46275
Perkins, C. Research and development for the PEP-II vacuum system 6921
Perkins, C. Providing continuous network access to mobile hosts using TCP/IP 14144
Perkins, C.E., Bhagwat, P. A mobile networking system based on Internet protocol 37496
Perkins, C.E. *see* Bhagwat, P. 22565
Perkins, D.M., Burton, P.C.M. Teaching ASIC design with FPGAs 18571
Perkins, E.H. *see* Bachu, S. 47708
Perkins, F.K., Dobisz, E.A., Marrian, C.R.K. Determination of acid diffusion rate in a chemically amplified resist with scanning tunnelling microscope lithography 27933
Perkins, F.K. *see* Dobisz, E.A. 27948
Perkins, F.K. *see* Dongjin Byun 41466
Perkins, F.K. *see* Marrian, C.R.K. 19696
Perkins, F.W. *see* Cowley, S.C. 44349
Perkins, J.M. Social perspectives on technology transfer 40720
Perkins, J.S. *see* Collins, M.D. 24507
Perkins, M.C.J. *see* Watton, R. 31282
Perkins, N.S. Workplace literacy issues in the pulp and paper industry 157
Perkins, S. Bandpass line codes for q-ary alphabets 12836
Perkins, T.T. Steady-state gain and saturation flux measurements in a high efficiency, electron-beam-pumped, Ar-Xe laser 12023
Perkis, A. Subjective evaluations of error masking techniques for bursty channels 13152
Perkis, A. *see* Kostogiannis, J. 13025
Perko, R.J. *see* Eron, M. 19093
Perkons, A.R. *see* Benet, J.A. 1414
Perkovac, M. *see* Zdenkovic, J. 17461
Perkowski, M.A. *see* Schafer, I. 26777
Perkowski, M.A. *see* Wu, H. 10075
Perks, C.A. *see* Smith, D. 39119
Perley, A.P. *see* Pearton, S.J. 2043
Perley, R.A. *see* Kassim, N.E. 46150
Perlman, D.J. *see* Bertin, C.L. 41900
Perlman, D.J. *see* Venkatachalam, P.N. 399
Perlmutter, K.O. *see* Perlmutter, S.M. 31855

Perlmutter, S.H. *see* Burdge, G. 3215
Perlmutter, S.M., Perlmutter, K.O., Cosman, P.C., Riskin, E.A., Olshen, R.A., Gray, R.M. Tree-structured vector quantization with region-based classification 31855
Perlovsky, L.I. MLANS application to sensor fusion 4752
Perlovsky, L.I. Computational concepts in classification: neural networks, statistical pattern recognition, and model-based vision 29992
Perlovsky, L.I., Jaskolski, J.J., Chernick, J. Characterization of clutter in IR images using maximum likelihood adaptive neural system 29817
Permyakov, L.N., Antonov, A.A., Isakov, V.P., Shchetnikova, S.T. Corrosion failure of a cermet in an oxidizing medium 47693
Perna, M. *see* Bocchetti, G. 8924
Perna, S. ABT enables optimal system design 26822
Perneel, C., de Mathelin, M., Acheroy, M. Knowledge combination and data fusion with application to recognition systems 45224
Perng Ruey-Kuen *see* Ruey-Kuen Perng
Pernia, A.M., Nuno, F., Corominas, E.L., Lopera, J.M. Resonant converter controlled by variable leakage inductance in the transformer (LIC) 8554
Pernick, A. *see* Zafrir, H. 39122
Pernicka, M. *see* Bosio, C. 15618
Pernot, J.C. *see* Beaudin, G. 23251
Pernot, J.C. *see* Bouregba, R. 34258
Pernull, H., Draxelmayr, D., Scheffler, G. A digital display processor with integrated 9 bit triple DAC for enhanced TV applications 6230
Perny, B. *see* Gisin, N. 2969
Perny, B. *see* Gisin, N. 43402
Peron, F. *see* Le Roux, P. 37994
Perona, G. *see* Roberti, L. 39384
Perona, M. *see* Luzzatto, D. 240
Perona, P. *see* Tartagni, M. 1348
Peroni, C. *see* O'Shaughnessy, K. 47008
Perotin, M., Coudray, P., Gouskov, L., Luquet, H., Llinares, C., Bonnet, J.J., Soonckindt, L., Lambert, B. Passivation of GaSb by sulfur treatment 34695
Perov, P.I. *see* Bobrysheva, A.I. 3794
Perra, A., Aguer, J. Advanced battery monitoring and charging techniques for UPS 40450
Perre, L.Van der *see* Van der Perre, L.
Perreault, D. *see* Ahmed, R. 10084
Perreault, E.J., Hunter, I.W., Kearney, R.E. Quantitative analysis of four EMG amplifiers 24278
Perreault, J.A. *see* Dowd, P.W. 14616
Perreault, J.A. *see* Dowd, P.W. 20449
Perregrini, L. *see* Arcioni, P. 27148
Perret, C. *see* Karrakchou, M. 24157
Perret, M. Trends and solutions for a new generation of systems distribution network automation 7943
Perret, N. *see* Marilley, P.-L. 37253
Perret-Gallix, D. *see* Abplanalp, M. 24046
Perrett, J.C. *see* Beaman, J. 15641
Perricone, G. *see* Canesi, A. 33140
Perrier, J.-C. *see* Asseo, E. 15383
Perrier, P. *see* Bailly, G. 13098
Perrier, P. *see* Heres, O. 24040
Perrier, P.A. *see* Chiaroni, D. 37687
Perrin, J. *see* Dutta, J. 33675
Perrin, J. *see* Johnson, A.D. 41445
Perrin, J. *see* Leblanc, F. 33056
Perrin, J. *see* Ossikovski, R. 42642
Perrin, N. Electron-phonon coupling and hot-electron effects in doped semiconductors near 50 mK 19323
Perrin, S.D., Seltzer, C.P., Spurdens, P.C. High quality compressively strained InP-based GaInAs(P)/GaInAsP multi-quantum well laser structures grown by metalorganic vapor phase epitaxy 41288
Perrin, S.D. *see* Davies, D.A.O. 5975
Perrin, S.D. *see* Percival, R.M. 12073
Perrin, S.D. *see* Seltzer, C.P. 35772
Perrissin, G. *see* Cote, A. 25593
Perrissin-Fabert, I., Jayet, Y. Simulated and experimental study of the electric impedance of a piezoelectric element in a viscoelastic medium 33785
Perrissin-Fabert, I., Jayet, Y., El Guerjouma, R. Monitoring the thickness of polymer coating by using piezoelectric sensor 9849
Perron, C. *see* Guillemot, C. 31009
Perrone, A. *see* Mihailescu, I.N. 813
Perrone, A.L., Messi, R., Pasqualucci, E., Basti, G. Neural nets with varying topology for high-energy particle recognition: an outlook of computational dynamics 24066
Perrone, D. *see* Halpert, G. 32998
Perrone, G., Petazzi, D., Montrosset, I. User-friendly computer-aided integrated optics simulator 11655
Perrone, M.R. Spatial coherence measurements of XeCl laser radiation with a super-Gaussian unstable cavity 3465
Perrone, M.R. Excimer lasers unstable resonators with super-Gaussian mirrors 20943
Perrone, M.R. *see* Nassisi, V. 12369
Perros, H.G. *see* Atmaca, T. 37102
Perros, H.G. *see* Hong, S. 22315
Perrot, C. *see* Hoarau, C. 3051
Perrot, G. *see* Beingessner, S.P. 31761
Perrot, G. *see* Bertsch, Y. 31760
Perrot, L., Brezillon, P., Fauquembergue, P. Towards automatic generation of knowledge bases for diagnosis systems in the field of power systems 32241
Perrotti, J., III *see* Damuck, N. 34307
Perry, A.C. *see* Harris, D.G. 14179
Perry, D.L., Dereniak, E.L. Linear theory of nonuniformity correction in infrared staring sensors 6580
Perry, D.L., Dereniak, E.L. Laboratory evaluation of the Hughes 256×256 hybrid PtSi imaging device 23691
Perry, D.L., Descour, M.R., Dereniak, E.L. Photoresponse nonlinearity in platinum silicide photodiodes 31289
Perry, D.L. *see* Barber, H.B. 15748
Perry, G. *see* Helms, C. 20526
Perry, J., Bontrager, E.L., Bogey, R.A., Gronley, J.K., Barnes, L.A. The Rancho EMG analyzer: a computerized system for gait analysis 15867
Perry, J.W. Where is the customer driving us to? 37188
Perry, K. *see* Jairath, R. 19606
Perry, M. A correlation approach to time-frequency representations 13083
Perry, M.D., Payne, S.A., Ditmire, T., Beach, R., Quarles, G.J., Ignatuk, W., Olson, R., Weston, J. Better materials trigger Cr:LiSAF laser development 20743
Perry, M.J. Multiple beam Luneburg lens antenna for mobile tactical satellite communications 37951
Perry, R. I_{DDQ} testing in CMOS digital ASICs—pulling it all together 2660
Perry, R.J., Amin, M.G. Systolic array implementation of recursive bispectrum estimation 4708
Perry, R.T. *see* Buksa, J. 24444
Perry, S.T. *see* Anderson, R.J. 15460
Perry, T.A. *see* Doll, G.L. 9576
Perry, T.A. *see* Meng, W.J. 41326
Perryman, M.A.C. *see* Rando, N. 23602
Perryman, R. *see* Strudwick, S.D. 25240
Persans, P.D. *see* Grant, A.R. 28145
Persans, P.D. *see* Taylor, A.P. 18229
Persaud, K.C. *see* Amrani, M.E.H. 15112
Persch, G., Born, C., Engelmann, H., Koehler, K., Utesch, B. Applications of scanning probe microscopies in technology and manufacturing 28367
Persch, G., Born, C., Utesch, B. Nano-hardness investigations of thin films by an atomic force microscope 41518
Perse, R.M. *see* Malone, T.B. 16113
Persensky, J.J. USNRC office of Nuclear Regulatory Research Human Factors Branch 39722
Persensky, J.J. *see* Mumaw, R.J. 39771
Persephonis, P., Giannetas, B., Parthenios, J., Georgiades, C., Ioannou, A. A method of measuring currents in pulsed gas lasers 11983
Persephonis, P., Giannetas, B.G., Parthenios, J.N., Georgiades, C.A., Ioannou, A.G. Capacitance allocation and its role in the performance of doubling-circuit pulsed gas lasers: its application to the N_2 laser 35676
Persheev, S.K. *see* Kulikov, G.S. 10853
Pershenkov, V.S., Belyakov, V.V., Cherepko, S.V., Shvetzov-Shilovsky, I.N. Three-point method of prediction of MOS device response in space environments 34983
Pershin, S.M. *see* Arumov, G.P. 20708
Pershin, V.I. *see* Martynov, S.V. 7135
Persiano, G.V., Strollo, A.G.M., Spirito, P. Effects of epitaxial doping on current characteristics in power BMFETs 2590
Persiano, G.V. *see* Spirito, P. 43013
Persianov, P.G. *see* Slavin, V.S. 25831
Persic, B. Synchronous machine model for simulation with SPICE 16809
Persliden, J. *see* Sandborg, M. 24191
Persliden, J. *see* Sandborg, M. 24222
Persliden, J. *see* Sandborg, M. 24223
Persone, V.de Nitto *see* de Nitto Persone, V.
Personick, S.D. Towards global information networking 30736
Personnaz, L. *see* Dreyfus, G. 4643
Persov, B.Z. *see* Baryshev, Y.V. 31656
Persoz, H. Future prospects of electrical interconnections between Eastern and Western European countries 39522
Persson, A. *see* Herrlin, K. 7348
Persson, A. *see* Svanberg, S. 28770
Persson, B. *see* Andren, B. 23918
Persson, L., Jonsson, A. Ultrasonic inspection of line pin post insulators and solid core insulators in switch gear stations 25615
Persson, L., Sangfelt, E. Detection of hydroacoustic transients by means of higher-order statistics 23232
Persson, L. *see* Sangfelt, E. 4719
Persson, S.T. *see* Dell'Acqua, A. 46998
Persson, U. Roughness measurement of machined surfaces by means of the speckle technique in the visible and infrared regions 31456
Persyn, K. *see* Govaert, K. 31556
Pert, G.J. *see* Cairns, G. 35648
Pert, G.J. *see* Holden, P.B. 28691
Perton, F. *see* Staniewicz, R.J. 17250
Perttunen, C. *see* Herndon, M. 562
Perucca, M. *see* Lo Gatto, E. 37870
Perucchini, D. *see* Brugia, O. 18529
Perumal, S. *see* Siferd, R. 23864
Pervez, A. Multi-bit time division multiplexed optical sensors based on the Fabry-Perot principle 23680
Perzhu, V.L. *see* Artamonov, G.T. 11745
Pesarcik, S.F. *see* Bassous, E. 1891
Pescara, L. *see* Amidei, D. 46890
Pescara, L. *see* Tkaczyk, S. 46989
Pesce, M. *see* Sukumar, V. 33124
Pesch, E. *see* Kolen, A. 33495
Peschardt, E. *see* Arnaudon, L. 15357
Peschardt, E. *see* Brown, P. 15355
Peschel, H. *see* Kreutz, R. 15550
Peschel, T. *see* Lederer, F. 12330
Peschel, U. *see* Lederer, F. 12330
Peschiaroli, D. *see* Berger, C. 20186
Peschiaroli, D. *see* Leoni, R. 24048
Pesek, A. *see* Abramof, E. 41259
Pesek, A. *see* Riesz, F. 33600
Peshev, Z.Y., Deleva, A.D. Temporally stable hybrid dye-Ti:sapphire laser by self-induced gain switching 3552
Peshkin, M. *see* Kienzle, T.C., III 24367
Peshko, I.I. *see* Golovin, A.B. 12272
Peshkov, I.B. *see* Pavlov, A.A. 5686
Peska, A. Automated control equipment for the power system telecontrol (HDO) 32332
Peskov, N.V. Computer simulation of Ga migration in molecular-beam epitaxial growth of GaAs 41353
Peskov, N.V. *see* Medvedev, B.K. 679
Peskov, N.Yu. *see* Ginzburg, N.S. 38795
Peskov, V. *see* Anderson, D.F. 42350
Peskov, V. *see* Aprile, E. 31717
Peskov, V. *see* Aprile, E. 46900
Pesiyak, P.M. Packet switch software architecture 14355
Pesotzkii, V. *see* Zhakharova, A. 19392
Pesquera, L. *see* Mirasso, C.R. 45990
Pesquera, L. *see* Valle, A. 3721
Pesquet, J.-C. Optimization of multiresolution analysis for finite sequences 13447
Pesquet, J.C. *see* Krim, H. 13315
Pessa, M., Nappi, J., Zhang, G., Ovtchinnikov, A., Asonen, H. Aluminium-free 980 nm laser diodes 12242
Pessa, M. *see* Guodong Zhang 35880
Pessa, M. *see* Toivonen, M. 10722
Pessa, M. *see* Zhang, G. 9652
Pessa, M. *see* Zhang, G. 12187
Pessa, M. *see* Zhang, G. 12211
Pessa, M. *see* Zhang, G. 33621
Pessa, M. *see* Zhang, G. 34561
Pessina, G. *see* Alessandrello, A. 15622
Pessina, G. *see* Alessandrello, A. 24024
Pessina, G. *see* Alessandrello, A. 24025
Pessina, G. *see* Alessandrello, A. 24031
Pessina, G. *see* Camin, D.V. 20021
Pestel, U. Optimization of a filter bank for subband coding considering statistical redundancy and visual perception 36530
Pestie, J.-P. *see* Mesquida, G. 20575
Pestov, Yu.N., Shekhtman, L.I. Influence of the bulk resistivity of glass with electronic conductivity on the performance of microstrip gas chamber 31720
Pestrikov, D.V. Collective issues related to B-factories 6992
Pestsov, L.V. *see* Aulchenko, V.M. 7220
Pesty, F. *see* Djotni, K. 23601
Pesty, R. *see* Collin, M.-F. 23565
Petazzi, D. *see* Perrone, G. 11655
Petegem, W.van *see* van Petegem, W.
Petek, B. *see* Chang, J.W. 11487
Petek, B. *see* Herman, D.A., Jr. 11507
Petek, B. *see* Trouilloud, P.L. 2833
Petelenz, D. *see* Domansky, K. 27801
Petelin, M.I. Physics of advanced gyrotrons 19295
Petelin, S., Tiselj, I. Parametric study of an ATWS accident for NPP Krsko 39876
Petelin, S. *see* Prosek, A. 39875
Peter, J. *see* He Zhiyong 46884
Peter, J.-M. Intelligent power integrated circuits 2640
Peter, J.-M. Short-circuit protection for IGBT 28135
Peter, J.H. *see* Varri, A.O. 39071
Peter, K.W. *see* Jordan, J.R. 23551
Peter, L.M. *see* Saraby-Reintjes, A. 9673
Peter, M. *see* Friese, J. 7193
Peter, T., Wyrowski, F., Bryngdahl, O. Relation between angles of diffraction and diffraction efficiency of diffractive elements 12464
Peter, T. *see* Forsyth, P.A. 24649
Peter Yum Tak-Shing *see* Tak-Shing Peter Yum
Peter-Contesse, L.-O. *see* Ben Ammar, F. 8860
Peterc, D. *see* Lancini, R. 22282
Peterkin, F.E., Hankla, B.J., Peterson, R.A., Rhagavendran, A., Williams, P.F. Breakdown of high-voltage silicon devices 28625
Peterkin, F.E. *see* Schoenbach, K.H. 11842
Peterkin, F.E. *see* Schoenbach, K.H. 28621
Peterkin, R.E., Jr., Degnan, J.H., Hussey, T.W., Roderick, N.F., Turchi, P.J. A long conduction time compact torus plasma opening switch 40370
Peterman, K. *see* Eilers, H. 28777

Petermann, K. *see* Fischer, U. 43487
Petermann, K. *see* Kindt, S. 35800
Petermann, K. *see* Kuck, S. 35714
Petermann, K. *see* Linlin Li 43852
Petermann, K. *see* Linlin Li 44113
Petermann, K. *see* Linlin Lin 43827
Petermann, K. *see* Majd, M. 3127
Petermann, K. *see* Splett, A. 30849
Petermann, K. *see* Splett, A. 38521
Petermann, K. *see* Zinke, T. 11666
Peters, A.J. *see* Anderson, G.B. 48372
Peters, C. *see* Celata, C.M. 31562
Peters, D.W., Fowlis, D.C., von Neida, A., Rose, C.M., Waggener, H.A., Wilson, W.P. EBES4: performance of a new e-beam reticle generator 2323
Peters, F. *see* Balewski, K. 46775
Peters, F.H., Majewski, M.J., Peters, M.G., Scott, J.W., Thibeault, B.J., Young, D.B., Coldren, L.A. Vertical cavity surface emitting laser technology 35814
Peters, F.H. *see* Peters, M.G. 20807
Peters, F.H. *see* Peters, M.G. 35889
Peters, F.H. *see* Thibeault, B.J. 20770
Peters, F.H. *see* Young, D.B. 12194
Peters, G. *see* Deng, B. 22116
Peters, H.E. *see* Owings, H.B. 23387
Peters, J. *see* Balewski, K. 46775
Peters, L. *see* Maloney, C.E. 42347
Peters, L.J. *see* Whitaker, L.A. 4583
Peters, M. *see* Balewski, K. 46775
Peters, M. *see* Poursepanj, A. 41932
Peters, M. *see* Roberts, C.I. 48435
Peters, M.G., Thibeault, B.J., Young, D.B., Scott, J.W., Peters, F.H., Gossard, A.C., Coldren, L.A. Band-gap engineered digital alloy interfaces for lower resistance vertical-cavity surface-emitting lasers 20807
Peters, M.G., Young, D.B., Peters, F.H., Scott, J.W., Thibeault, B.J., Coldren, L.A. 17.3% peak wall plug efficiency vertical-cavity surface-emitting lasers using lower barrier mirrors 35889
Peters, M.G. *see* Majewski, M.L. 35849
Peters, M.G. *see* Peters, F.H. 35814
Peters, M.G. *see* Thibeault, B.J. 20770
Peters, M.G. *see* Young, D.B. 12194
Peters, M.J. *see* Pruis, G.W. 31937
Peters, M.J. *see* Wieringa, H.J. 31900
Peters, M.L. *see* Allen, M.O. 14187
Peters, P.J.M. *see* Botma, H. 28707
Peters, P.J.M. *see* Heeman-Ilieva, M.B. 3418
Peters, P.J.M. *see* Lankhorst, F.T.J.L. 11936
Peters, R.A., II *see* Cadzow, J.A. 22023
Petersen, A.K. *see* Ebskamp, F. 38130
Petersen, B.R. *see* Falconer, D.D. 5822
Petersen, E.L., Pickel, J.C., Smith, E.C., Rudeck, P.J., Letaw, J.R. Geometrical factors in SEE rate calculations 34872
Petersen, E.L. *see* Cutchin, J.H. 34064
Petersen, F., Enge, W. Electrolytical observations of latent heavy ion tracks in plastic 7266
Petersen, G.A. *see* Krukar, R.H. 6780
Petersen, G.L., Chick, B.B., Fortunko, C.M., Hirao, M. Resonance techniques and apparatus for elastic-wave velocity determination in thin metal plates 31532
Petersen, J. The output process of a system ND/D/1 with time-slotted service in steady state 5215
Petersen, J., Gillen, T. Multiplexers ΣD/D/1 with service in cyclic order and service in the order of arrival 5147
Petersen, J.R. *see* Primdahl, F. 46404
Petersen, J.R. *see* Primdahl, F. 46415
Petersen, K. *see* Walkenhorst, A. 43357
Petersen, N.R. *see* Molbaek Hansen, P. 44767
Petersen, T. *see* Brusic, V. 11488
Petersohn, U., Unger, H., Wardenga, W. Description of multirate systems by means of matrix calculus 29684
Peterson, A.F. A simple approach for estimating errors bars to accompany moment-method and finite-element-method results 26331
Peterson, A.F. *see* Shlager, K.L. 36164
Peterson, A.F. *see* Shlager, K.L. 41220
Peterson, A.M. *see* Leung, M.M. 22293
Peterson, A.M. *see* Yeh, G.K. 36781
Peterson, B. *see* Roberts, D. 47275
Peterson, B. *see* Zubritzky Weiland, M. 16110
Peterson, B.C. *see* Atriss, A.H. 10016
Peterson, C.V., Hutt, C.R. Lossless compression of seismic data 29678
Peterson, D.W. *see* Napolitano, L.M., Jr. 328
Peterson, D.W. *see* Napolitano, L.M., Jr. 9937
Peterson, G. *see* Mawst, L.J. 12182
Peterson, G.H., Dvorak, C.A. Global standards [telecommunications] 37339
Peterson, G.L., Byungho Yi Average case behavior of election algorithms for unidirectional rings 45268
Peterson, H. *see* Abe, K. 15619
Peterson, H. *see* Chen, Y. 29755
Peterson, H.A., Ahumada, A.J., Jr., Watson, A.B. An improved detection model for DCT coefficient quantization 22081
Peterson, J.B. *see* Tucker, G.S. 38198
Peterson, J.R. *see* Stearns, S.D. 13571
Peterson, L., Marrisson, S. The design and implementation of a concurrent circuit simulation program for multicomputers 2675
Peterson, L.L. *see* Abbott, M.B. 30414
Peterson, L.L. *see* Druschel, P. 5329
Peterson, L.L. *see* Druschel, P. 5470
Peterson, M. Life on the Internet: portrait of a collaboration 14101
Peterson, R.A. *see* Peterkin, F.E. 28625
Peterson, R.L. *see* Zheng, L. 6450
Peterson, T.M. *see* Rockett, A. 40470
Peterson, T.R. *see* Lakshmikumar, K.R. 37862
Peterson, V.Z. *see* Grajew, G. 37613
Peterson, V.Z. *see* Kenney, C.J. 46973
Peterstrom, S. The Si/SiO_2 interface trap density in boron/germanium- and phosphorus/germanium-implanted silicon 34635
Pethe, S.N. *see* Krishnan, R. 15319
Peticolas, L.J. *see* Murtaza, S. 35457
Petilli, S.G., Grimm, M.J., Olson, E.M. A pipelined 45 MHz 24-bit digital signal processing ASIC 26980
Petillon, T., Gilloire, A., Theodoridis, S. A comparative study of efficient transversal algorithms for acoustic echo cancellation 13393
Petisce, J.R. *see* Chandan, H.C. 5914
Petit, G. *see* Letheren, M. 46330
Petit, G. *see* Xiong, Y. 5146
Petit, J.B., Zeller, M.V. Electrical and chemical characterization of contacts to silicon carbide 10746
Petit, J.B. *see* Powell, J.A. 1870
Petit, J.P. *see* Lebrun, B. 25781
Petit, J.P. *see* Mahieux, Y. 23359
Petit, M. *see* Debray, B. 29819
Petit, R., Zolla, F. The method of fictitious sources as applied to the conical diffraction by a homogeneous rod 21219
Petit, R. *see* Zolla, F. 44281
Petitjean, S. *see* Dexheimer, O. 37298
Petke, G. Planning aspects for digital terrestrial television 23262
Petke, G. Planning aspects of digital terrestrial television 30946
Petkov, A.A. Parametric reliability of current-pulse generator 40341
Petkov, K.D. *see* Iliev, G.S. 13364
Petkov, P., Kanazirski, C., Vodenicharov, C. Electrical and optical properties of thin films from the Ge-Se-Tl system 42446
Petkov, P. *see* Jordanova, J. 39872
Petkovic, M. *see* Roberts, E. 46431
Petkovic, M.S. *see* Carstensen, C. 33527
Petkovic, M.S. *see* Carstensen, C. 41129
Petkovic, P.M., Litovski, V.B. A new generalized approach to the macromodelling of digital structures 41768
Petnikova, V.M. *see* Bagratashvili, V.N. 21024
Petr, D.W., Wineinger, J.S. End-to-end priority cell discarding analysis for ATM networks 5323
Petr, D.W. *see* Minden, G.J. 14169
Petr, J., Gricova, M., Genovova, E., Thu, T.B., Valdauf, J. The electric strength and microbial resistance of transformer oils 28300
Petra, M., Miley, G.H. Nuclear-powered laser beam profile control method 20965
Petraglia, M.R., Mitra, S.K. Adaptive FIR filter structure based on the generalized subband decomposition of FIR filters 10298
Petraglia, M.R. *see* Mahalanobis, A. 10300
Petrak, L. The use of power system telecontrol (HDO) at the West Bohemian Power Utility 32333
Petrakis, J.P. *see* Beaman, J. 15641
Petrakov, A.G. *see* Lvov, B.V. 20605
Petrakov, A.G. *see* Pakhomov, L.N. 35680
Petras, D.S. *see* Orendi, R.G. 39735
Petras, K. Gaussian quadrature formulae—second Peano kernels, nodes, weights and Bessel functions 41137
Petrash, G.G. *see* Markova, S.V. 11953
Petrash, G.G. *see* Zinchenko, S.P. 3432
Petrauskas, M., Juodkazis, S., Willander, M., Quacha, A. Non-equilibrium charge carriers recombination, diffusion peculiarities and bleaching in InGaAs(P) epitaxial layers 36011
Petravic, M. *see* Jagadish, C. 719
Petre, P., Kottapalli, K. Electromagnetic analysis of three dimensional microstrip circuits using a periodic structure model 27167
Petre, P., Swaminathan, M., Veszely, G., Sarkar, T.K. Integral equation solution for analyzing scattering from one-dimensional periodic coated strips 21210
Petre, P., Swaminathan, M., Zombory, L., Sarkar, T.K., Jose, K.A. Volume/surface formulation for analyzing scattering from coated periodic strips 44327
Petre, P. *see* Sarkar, T.K. 12585
Petre, P. *see* Swaminathan, M. 12684
Petrelis, F. *see* Dickey, T.D. 7636
Petrenko, A., Bochmann, G.v., Dssouli, R. Conformance relations and test derivation 30231
Petrenko, A., Dssouli, R., Koenig, H. On evaluation of testability of protocol structures 30229
Petrenko, A., Yevtushenko, N., Lebedev, A., Das, A. Nondeterministic state machines in protocol conformance testing 30241
Petrenko, A. *see* Yao, M. 13890
Petrenko, A.I. The tutorial and research CAD system for electronic design 950
Petrenko, A.I., Maslov, O.V., Timofeenko, Yu.I. Algorithmic support of a computer-aided design system for printed-circuit assemblies 985
Petrenko, E.A. *see* Manykin, E.A. 2944
Petrenko, I.I. *see* Chirkov, P.N. 7042
Petrenko, N.S. *see* Florinskii, V.Y. 35036
Petrenko, P.A. *see* Molin, A.N. 33673
Petrenko, S.D. *see* But, V.V. 25733
Petrenko, V.V. *see* Zablotskii, V.V. 15612
Petrenko, V.V. *see* Zablotskiy, V.V. 19512
Petrenko, Yu.N., Issa Sukhel' Effect of saturation of an induction motor employing a vector control system 8353
Petrescu, C. *see* Popescu, I. 33893
Petrescu, C. *see* Popescu, I. 39575
Petreski, B.P., Murphy, M.M., Clarke, K., Collins, S.F. Fibre amplifiers at the 632.8 nm and 543.5 nm He-Ne wavelengths 38026
Petric, P.F., Gordon, M.S., Senesi, J.J., Haire, D.F. EL-4 column and control 27905
Petriccione, J., Cooper, S. Robotic stud hole welding restoration 47616
Petricec, M., Plantic, K., Biondic, D., Pavic, I. Mathematical models and data bases of hydro power system planning, design and operation 25249
Petrich, G.S. *see* Coronado, C.A. 41337
Petrichuk, M.V. *see* Lukyanchikova, N.B. 19812
Petrick, M., Libera, J., Bouillard, J.X., Pierson, E.S., Hill, D. Results from a large-scale MHD propulsion experiment 25907
Petrick, N., Hero, A.O., III, Clinthorne, N.H., Rogers, W.L., Slosar, J.M. Least squares arrival time estimators for single and piled up scintillation pulses 15636
Petrick, N. *see* Jordanov, V.T. 46329
Petrick, N. *see* Martin, J.B. 15721
Petricolas, L.J. *see* Ross, F.M. 34912
Petridis, A. *see* Bachler, J. 46934
Petridis, V. *see* Theocharis, J. 8358
Petridis, V. *see* Theocharis, J. 47877
Petrilli, S. Signs and values: for a critique of cognitive semiotics 4445
Petrillo, E.J. *see* Toh, K.Y. 10138
Petrillo, K. Process optimization of APEX-E 19676
Petrillo, K. *see* Viswanathan, R. 26943
Petrillo, K. *see* Viswanathan, R. 28274
Petrillo, V. *see* Piovella, N. 20923
Petrillo, V. *see* Piovella, N. 43988
Petringenaru, O., Adam, A., Simion, D. Contributions on the extension of the high temperature regenerative preheater use [MHD generators] 25845
Petrisor, G.C., Piazzolla, S., Nordin, G.P., Jenkins, B.K., Tanguay, A.R., Jr. Volume holographic interconnection and copying architectures based on incoherent/coherent source arrays 11903
Petriu, D.C., Majumdar, S., Lin, J., Hrischuk, C. Analytic performance estimation of client-server systems with multi-threaded clients 37542
Petro, D.W. *see* Lowery, T.F. 8381
Petrocelli, G., Martellucci, S., Richetta, M. Bismuth induced enhancement of the second-harmonic generation efficiency in bismuth-substituted yttrium iron garnet films 21001
Petroff, M.D., Hogue, H.H. Detection of scintillations in small crystals using VLPCs 24067
Petroff, M.D. *see* Kwiat, P.G. 46453
Petroff, P. *see* Mirin, R. 18161
Petroff, P.M. *see* Green, D.L. 27544
Petroff, P.M. *see* Hu, S.Y. 12091
Petroff, P.M. *see* Krishnamurthy, M. 9544
Petroff, P.M. *see* Krishnamurthy, M. 41308
Petroff, P.M. *see* Leonard, D. 10713
Petroff, P.M. *see* Lorke, A. 9600
Petroff, P.M. *see* Lorke, A. 42498
Petroff, P.M. *see* Maboudian, R. 26415
Petroff, P.M. *see* Mui, D.S.L. 27744
Petrolini, A. *see* Adam, W. 46929
Petrolo, E. *see* Bencze, G.L. 38858
Petrolo, E. *see* Ferrer, M.L. 46984
Petrolo, E. *see* Mirabelli, G. 14578
Petrone, S. *see* Chen, S.Y. 31908
Petronevich, S.A. *see* Birukov, I.N. 7104
Petroni, O.D. *see* Arcioni, J.C. 16402
Petropoulos, K. *see* Bala, K. 6025
Petropoulos, P.G. Phase error control for FD-TD methods 44202
Petropoulos, P.G. Stability and phase error analysis of FD-TD in dispersive dielectrics 44324
Petropulu, A.P. Blind deconvolution of non-linear random signals 4722
Petropulu, A.P. Detection of multiple chirp signals based on a slice of the instantaneous higher-order moments 13341
Petropulu, A.P., Nikias, C.L. Blind deconvolution of coloured signals based on higher-order cepstra and data fusion 21791
Petrosian, I.G. *see* Vorohkovsky, Y.L. 20090
Petrosky, J.C., Howard, J.W., Jr., Block, R.C., Bhat, I., Stauber, M.C. An approach to modeling total dose ionizing radiation effects in $Hg_{1-x}Cd_xTe$ photodiodes using PISCES II-B 35581
Petrosyan, K.B., Pokhsraryan, K.M. Efficient intracavity second-harmonic generation of $YAlO_3:Nd^{3+}$ laser with periodic pulse operation 28751
Petrot, F. *see* Greiner, A. 43113

Petrou, A. *see* Chou, W.C. 42472
Petrou, A. *see* Wang, X.W. 865
Petrou, M. Optimal convolution filters and an algorithm for the detection of wide linear features 4800
Petrou, M., Kolomvas, A. The recursive implementation of the optimal filter for the detection of roof edges and thin lines 22011
Petrou, M. *see* Palmer, P.L. 13617
Petrou, M. *see* Song, K.Y. 13733
Petrov, A.A., Fromzel, V.A. Electrically controlled wavelength tuning and sweep of a 1.5-μm erbium phosphate glass laser 20747
Petrov, A.G. *see* Dvoryanikina, G.G. 28593
Petrov, A.I., Rozhkov, V.A. Electrical breakdown of gadolinium oxide films 10759
Petrov, A.I. *see* Rozhkov, V.A. 43604
Petrov, A.N., Kofstad, P. Crystal structure and electrical properties of $La_{1-x}Sr_xCoO_{3-\delta}$ 17270
Petrov, A.P. *see* Kontsevich, L.L. 45035
Petrov, B.E. An energy method for analyzing the characteristics of electrical frequency tuning of high-frequency sustained oscillators 26739
Petrov, I. *see* Guinn, K.V. 41488
Petrov, K. *see* Anani, A. 32997
Petrov, L.A. *see* Avdeev, S.P. 6949
Petrov, L.A. *see* Avdeev, S.P. 7198
Petrov, L.A. *see* Avdeev, S.P. 7275
Petrov, L.A. *see* Avdeyev, S.P. 7149
Petrov, M.P., Kiyan, R.V., Kuzin, E.A., Rogacheva, E.A., Spirin, V.V. Fiber amplifiers for optical information processing systems 12063
Petrov, M.P., Kiyan, R.V., Kuzin, E.A., Spirin, V.V. Linear Er^{3+} fiber laser with passive mode locking through self-induced rotation of the polarization ellipse 12060
Petrov, M.P. *see* Belotitskii, V.I. 2943
Petrov, M.P. *see* Bryksin, V.V. 35361
Petrov, N.I., Petrova, G.N. Simulation of the vulnerability to lighting of isolated and grounded objects 7997
Petrov, N.I., Sisakyan, I.N. Propagation of localized wave beams in the waveguide Earth-ionosphere 12613
Petrov, R.P. *see* Chulkova, A.A. 41528
Petrov, S.A. *see* Yankov, R.A. 27596
Petrov, S.I. *see* Murugov, V.M. 3730
Petrov, S.Yu. *see* Gorbachev, A.P. 44477
Petrov, V. On the possibility of mode-locking a dye laser by a fast saturable absorber 35704
Petrov, V., Seifert, F. Theory of passive mode locking of colour-center lasers by a fast saturable absorber 12061
Petrov, V., Seifert, F. Intracavity difference-frequency generation of near-infrared picosecond pulses in a synchronously mode-locked CW dye laser 21089
Petrov, V. *see* Seifert, F. 3768
Petrov, V.A., Tsvetkova, V.S. Physical models of wave back-scattering in a turbulent atmosphere 29123
Petrov, V.A. *see* Barankevich, V.I. 40614
Petrov, V.I., Gvozdover, R.S. The influence of electrophysical parameters on spatial resolution of p-n junctions with EBIC measurements 34589
Petrov, V.L. *see* Shul'gin, B.V. 46882
Petrov, V.V. High-frequency (up to 10 GHz) acoustooptics: the way of development 20443
Petrov, V.V., Zimenko, V.I., Kravetz, V.G., Sushko, A.M. The use of oxides for electroluminescent displays 46554
Petrov, V.V. *see* Antonov, A.A. 35316
Petrov, V.V. *see* Borschensky, V.V. 9508
Petrov, V.V. *see* Borschensky, V.V. 18135
Petrov, V.V. *see* Brinkevich, D.I. 9590
Petrov, V.V. *see* Brinkevich, D.I. 18230
Petrov, Yu.V. *see* Akimov, N.K. 16689
Petrova, G.N. *see* Petrov, N.I. 7997
Petrova, I.V. *see* Tewksbury, S.K. 40930
Petrova, O.A. *see* Nesmelova, I.M. 15235
Petrova, S.I. An efficient implementation of certain iterative refinement preconditioners 26342
Petrova, S.I. *see* Ewing, R.E. 41144
Petrova, V. *see* Silvennoinen, R. 47062
Petrovic, D.S., Pierrat, L. An extended synchronous machine model and estimation of parameters by a step function response of blocked rotor 8318
Petrovic, R., Roehr, W., Cameron, D. Multicarrier permutation modulation for narrowband PCS 14484
Petrovic, R. *see* Roehr, W. 14483
Petrovic, S., Obradovic, I. Frame-based blackboard expert system for signal processing 21844
Petrovic, T. *see* Garabandic, D. 1049
Petrovic, V.V. *see* Popovic, B.D. 21395
Petrovick, L. *see* Benvenuti, A. 7252
Petrovska, B. *see* Lezal, D. 3011
Petrovskii, G.T., Borozdin, S.N., Demidenko, V.A., Maltsev, M.V., Mironov, I.A., Musatov, M.I., Pismennyi, V.A., Shatilov, A.V. Optical crystals and polycrystals 20238
Petrovskii, G.T., Dotsenko, A.V. Glassy and glass-ceramic optical materials 20237
Petrovsky, V.I., Sigov, A.S., Vorotilov, K.A. Microelectronic applications of ferroelectric films 34638
Petrucci, A.M. *see* Mawer, A. 400
Petrucci, F. *see* Antonelli, A. 24054
Petrucci, G. *see* Gnidica, L. 15530
Petrukhin, E.A., Podsosonnyi, A.S. Operating features of large-aperture electric-discharge HgBr and XeCl lasers with UV preionization 28742
Petrunin, A.P. *see* Kuchinskii, P.V. 10936
Petrunkin, V.Yu. *see* Lvov, B.V. 20605
Petruno, P. *see* Flower, G. 14516
Petrusch, W. Investigation of plastic material-insulators for direct current equipment under the natural pollution conditions 32451
Petrusch, W. *see* Akbar, A. 47551
Petrusenko, V.N. *see* Dobrovol'skii, V.N. 1951
Petruska, P. *see* Pasek, Z. 32972
Petruzzelli, V. *see* Castagnolo, B. 3788
Petruzzelli, V. *see* Cucurachi, S. 31158
Petruzzelli, V. *see* De Sario, M. 3812
Petruzzelli, V. *see* D'Orazio, A. 20352
Petruzzello, J., Gaines, J., Van der Sluis, P. Structural characterization of II-VI separate confinement heterostructure lasers with $Zn_{1-x}Mg_xS_ySe_{1-y}$ cladding layers 20902
Petruzzello, J.A. *see* Marshall, T. 42452
Petry, F. Background recognition in germanium detectors by pulse shape analysis 46945
Petry, F.E. *see* Johnstone, P. 18556
Petry, H., Walkenhorst, K. Switching-fault protection equipment compared with other locking devices 17124
Petryniak, M. *see* Conley, W. 11056
Petsch, H. *see* Cohen, I. 40385
Petsche, H. *see* Rappelsberger, P. 31939
Pett, A. *see* Hoeft, L.O. 27349
Pett, J.G. *see* Barnett, I. 15672
Pettengill, J. *see* Byrns, E.V., Jr. 25474
Pettenkofer, C. *see* Schlaf, R. 33616
Pettenpaul, E., Scharf, L., Schopf, K.J. Enhanced GaAs device concepts for the new digital mobile communication systems 30654
Pettersson, A. *see* Lindahl, S. 25026
Pettersson, C. *see* Ojala, P. 35488
Pettersson, H., Grimmeiss, H.G., Powell, A.L., Button, C.C., Roberts, J.S., Rockett, P.I. Persistent decrease of dark conductivity due to illumination in AlGaAs/GaAs modulation-doped heterostructures 19369
Pettersson, H., Grimmeiss, H.G., Powell, A.L., Button, C.C., Roberts, J.S., Rockett, P.I. Persistent decrease of dark conductivity due to illumination in AlGaAs/GaAs modulation-doped heterostructures 19378
Pettersson, H. *see* Herrlin, K. 7348
Pettersson, L. *see* Aubin, J. 25519
Pettersson, O.A., Na Chiangmai, S., Grusell, E., Larsson, B. A facility for biomedical experiments with thermal neutrons 7340
Pettersson, Th. *see* Asseo, E. 15383
Pettiette-Hall, C. *see* Jackson, C.M. 1403
Pettigrew, A.M., Moir, T.J. Coherent demodulation of DSSC without pilot tone using the amplitude-locked loop 18538
Pettigrew, M.J. *see* Lau, J.H.K. 32624
Pettigrew, R.D., Powell, P., Burnworth, J., Haas, R., Gil-Berlinches, J., Waudby, P., Mozina, C., Pierce, A., Tajaddodi, F., Beckwith, R., Fennell, E.C., Rebbapragada, V., Nail, G., Gardell, J., Mazumdar, S., Chhak, S., Beckwith, T. Motor bus transfer 32515
Pettigrew, R.D. *see* Cooper, D.M. 16440
Pettin, R. *see* Barnett, I. 15672
Pettinga, J.A.J. Moisture measurement in SF_6 8711
Pettit, D. *see* Dodd, P.E. 19796
Pettit, E. *see* Liu, Q. 22112
Pettit, G.D. *see* Tong, F. 11899
Pettitt, M.J. Use of optical amplifiers to increase distribution capacity of optical analogue video systems 23039
Petty, C. *see* Comaskey, B. 20713
Petty, C.C. *see* Baity, F.W. 44631
Petty, M.C. *see* Barker, P.S. 23754
Petty, S.W. *see* Pian, C.C.P. 25344
Petty, T.D. *see* Vyne, R.L. 9995
Petukhov, I.S. Calculating steel losses in a pulse dynamoelectric generator 8294
Petukhov, V.N. *see* Zhilyaev, B.E. 31227
Petukhov, Yu.P. *see* Cianfarani, C. 31731
Petushkova, A.M. *see* Voronkov, V.A. 41522
Petzoldt, J., Bernet, S., Reimann, T. Comparison of power converters with DC and AC link 8564
Peura, R. *see* Muller, P. 31830
Peura, R.A. *see* Bhandare, P. 38976
Peura, R.A. *see* Stohr, E. 38977
Peura, R.A. *see* Tamanaha, C. 38951
Peureux, J.L. *see* Coquery, G. 1059
Peuriot, A.L., Rosito, C.A., Santiago, G.D., Sorichetti, P.A. Model of a CW laser with longitudinal optical pumping. Application to Ti:sapphire 28779
Peuro, E., Lecrivain, M., Gabsi, M.K., Rialland, J.F. Measurement and modeling of the DC machine inductances 32873
Peuser, P. *see* Schmitt, N.P. 3577
Pevec, D. *see* Skanata, D. 25130
Pevny, S.N., Eroshenko, V.A., Kulikov, S.M., Kirillov, G.A., Kochemasov, G.G., Smyshilyaev, S.P., Sucharev, S.A. Experimental study of population inversion in the shock-pumped iodine laser 35657
Pevny, S.N. *see* Dolgopolov, Y.V. 35658
Pevtsov, A.B., Pilatov, A.G., Feoktistov, N.A., Zherzdev, A.V., Karabanov, S.M., Muschik, T., Zrenner, D., Schwarz, R. Electroluminescence as a function of electric field and temperature in amorphous silicon-carbon based p-i-n structures 20548
Pevtsov, A.B. *see* Florinskii, V.Y. 35036
Pewca, W. Model testing of medium-voltage and high-voltage windings of a 330 MV/A 400 kV autotransformer for being resistant to radial compressive forces caused by short-circuits 8479
Peyghambarian, N., Koch, S.W., Mysyrowicz, A. Introduction to semiconductor optics 36
Peyghambarian, N. *see* Kippelen, S.B. 20294
Peyghambarian, N. *see* Lee, S.G. 28984
Peyghambarian, S.N. *see* Kippelen, B. 2930
Peyrade, J.P. *see* Guasch, C. 42499
Peyre, H. *see* Kohl, A. 9643
Peyre, J.-L. *see* Bissessur, H. 38029
Peyre, J.-L. *see* Ripoche, G. 3331
Peyre, J.-L. *see* Vinchant, J.-F. 38121
Peyre, J.L. *see* Morf, T. 35618
Peyre, J.L. *see* Vinchant, J.-F. 5946
Peyre Lavigne, A. *see* Beydoun, B. 1063
Peyriere, C. Peugeot 405 electric road vehicle 48265
Peyrin, F., Karoubi, B., Morlet, D., Rubel, P., Desseigne, P., Touboul, P. Time-frequency and time-scale analysis of high resolution ECGs 15874
Peyrin, F., Zaim, M., Goutte, R. Multiscale reconstruction of tomographic images 15830
Peyrin, F. *see* Dalachartre, P. 14720
Peyrusse, O. *see* Nantel, M. 11914
Peyser, T.A. *see* Murphy, D.P. 43601
Peyton, B.W. *see* Ng, E.G. 591
Pezeshki, B., Tong, F.K., Kash, J.A., Kisker, D.W., Potemski, R.M. Tapered Fabry-Perot waveguide optical demultiplexer 22713
Pezeshki, B. *see* Lord, S.M. 2202
Pezeshki, B. *see* Lord, S.M. 3165
Pezeshki, B. *see* Lord, S.M. 11599
Pezeshki, B. *see* Lord, S.M. 28514
Pezoldt, V.J. *see* Quinn Brackett, R. 24980
Pezzani, R., Bernier, E., Anceau, C. Telephone exchange primary protection development towards silicon structures 14357
Pezzaniti, J.L., Chipman, R.A. Phase-only modulation of a twisted nematic liquid-crystal TV by use of the eigenpolarization states 3205
Pezzaniti, J.L., Chipman, R.A., Gregory, D.A. Polarization characterization of an LCTV with a Mueller matrix imaging polarimeter 28528
Pezzaniti, J.L., McClain, S.C., Chipman, R.A., Lu, S.-Y. Depolarization in liquid-crystal televisions 11707
Pezzullo, W. *see* Andreasen, L. 37652
Pfab, S. A challenge—ASICs (application-specific integrated circuits) in telecommunications 5665
Pfab, S. Boundary Scan Architecture for ASIC integrated circuits 31121
Pfaff, A. *see* Schinzel, P. 23763
Pfaff, C.L., Wentink, M.J.E. Peakshaving with and remote monitoring of a UPS system 24759
Pfaff, E. *see* Clausnitzer, G. 31621
Pfaff, E. *see* Clausnitzer, G. 31622
Pfaffin, H. *see* Wachholz, G. 30534
Pfafflin, H. *see* Wachholz, G. 22658
Pfafman, T.E., LeGros, M., Silver, E., Beeman, J., Madden, N., Goulding, F., Landis, D. Pyroelectric microcalorimetry 20123
Pfannkuche, D., Gudmundsson, V., Hawrylak, P., Gerhardts, R.R. Far-infrared response of quantum dots: from few electron excitations to magnetoplasmons 42518
Pfau, A.K. *see* Scheckler, E.W. 19689
Pfeffer, R. *see* Flemish, J.R. 9789
Pfeffer, R.A. *see* Perala, R.A. 36252
Pfeffer, R.L. *see* Chi-Hsien Lin 9790
Pfeffer, R.L. *see* Ravindra, N.M. 10740
Pfeffer, T. *see* Joyce, T.B. 27643
Pfeifer, P. *see* Gorlich, S. 39001
Pfeifer, T., Eikelmann, E. Fiber-optic reflex sensors for industrial applications 46461
Pfeifer, T., Spiekermann, J., Zenner, T. Consistent avoidance of errors by using FMEA 40851
Pfeiffer, A. *see* Baur, R. 46897
Pfeiffer, A. *see* Baur, R. 46911
Pfeiffer, E., Disch, J. Using Ada with embedded DSPs 24571
Pfeiffer, G. *see* Bever, T. 19509
Pfeiffer, G. *see* Meyer, M. 22764
Pfeiffer, H.C., Davis, D.E., Enichen, W.A., Gordon, M.S., Groves, T.R., Hartley, J.G., Quickle, R.J., Rockrohr, J.D., Stickel, W., Weber, E.V. EL-4, a new generation electron-beam lithography system 27908
Pfeiffer, H.C. *see* Groves, T.R. 2301
Pfeiffer, L.N. *see* Dykaar, D.R. 744
Pfeiffer, L.N. *see* Kane, B.E. 10708
Pfeiffer, L.N. *see* Schuppler, S. 2020
Pfeiffer, L.N. *see* Wegscheider, W. 12250
Pfeiffer, T., Veith, G. 40 GHz pulse generation using a widely tunable all-polarisation preserving erbium fibre ring laser 3558
Pfeiffer, T. *see* Bulow, H. 30567
Pfeiffer, T. *see* Walker, A.T. 19153
Pfeiffer, W., Liszkay, L., Burchard, A., Deicher, M., Magerle, R., Ronning, C., Saarinen, K., Hautojarvi, P. Study of indium implanted

GaAs: positron annihilation and electrical measurements 42419
Pfeiffer, W., Rabe, K., Welke, H. Numerical solution of the Boltzmann equation for compressed SF_6 43167
Pfeiffer, W. *see* Bunzel, E. 40159
Pfeil, D.von *see* von Pfeil, D.
Pfender, E. *see* Snail, K.A. 41378
Pfendler, T. ATE requires power protection to ensure accuracy 23417
Pfennig, J. *see* Bachler, J. 46934
Pfiester, J.R. *see* Hayden, J.D. 11174
Pfiester, J.R. *see* Hayden, J.D. 34930
Pfiester, J.R. *see* Kenkare, P.U. 35081
Pfiester, J.R. *see* King, T.-J. 42451
Pfirsch, F., Ruff, M. Note on charge conservation in the transient semiconductor equations 19749
Pfister, J.C. *see* Nguyen Hong Ky 19341
Pfister, U. *see* Brittner, P. 7066
Pfister, U. *see* Derissen, W. 7065
Pfister, U. *see* Maier, R. 15364
Pfitzenmaier, G., Keller, B.M., Langer, W. Novel concept for low-loss modulator channel branching filters 27141
Pfitzmann, B. *see* van Heijst, E. 21526
Pfitzner, J. *see* Stumpf, M. 12620
Pfleiderer, C. *see* de With, A. 12498
Pfleiderer, H. Simulation of a-Si pin solar cells with buffer 33059
Pfleiderer, H. *see* Kusian, W. 40483
Pfleiderer, H.-J., Rau, M. Switching behaviour of the emitter-coupled pair 41747
Pfleiderer, H.-J. *see* Baur, G. 43104
Pflug, L., Pedretti, M. Construction of a 100-tonnes holographic table 36051
Pflug, L. *see* Rastogi, P.K. 44142
Pflug, L.A. *see* Ioup, G.E. 4740
Pfluger, D.H. *see* Minder, C.E. 7493
Pforr, J. *see* Hadjivassilev, S. 32916
Pforr, J. *see* Hadjivassilev, S.T. 17054
Pforr, R., Jonckheere, R., Henke, W., Ronse, K., Jaenen, P., Ki-Ho Baik, Van den hove, L. New resolution enhancing mask for projection lithography based on in-situ off-axis illumination 2277
Pforr, R. *see* Ronse, K. 28009
Pfurtscheller, G. *see* Flotzinger, D. 47098
Pfurtscheller, G. *see* Kubat, M. 24286
Pfurtscheller, G. *see* Litscher, G. 24265
Pfurtscheller, G. *see* Masic, N. 24320
Pfutzner, H. *see* Bishop, J.E.L. 43265
Pfutzner, H. *see* Klinger, T. 35222
Phadke, A.G. Synchronized phasor measurements—techinques and uses 47595
Phadke, A.G., Broadwater, R.P. Power engineering education at Virginia Tech 26095
Phadke, A.G., Pickett, B., Adamiak, M., Begovic, M., Benmouyal, G., Burnett, R.O., Jr., Cease, T.W., Goossens, J., Hansen, D.J., Kezunovic, M., Mankoff, L.L., McLaren, P.G., Michel, G., Murphy, R.J., Nordstrom, J., Sachdev, M.S., Smith, H.S., Thorp, J.S., Trotignon, M., Wang, T.C., Xavier, M.A. Synchronized sampling and phasor measurements for relaying and control 47608
Phadke, A.G. *see* Centeno, V. 7993
Phadke, A.G. *see* Chaudhary, A.K.S. 25514
Phadke, A.G. *see* Lambert, J. 47609
Phalippou, M. Executable testers 30227
Phalippou, M. *see* Cavalli, A.R. 30225
Pham, A. *see* Chai, B. 18119
Pham, A. *see* Chai, B. 18120
Pham, A. *see* Chai, B. 18121
Pham, A. *see* Chai, B. 18130
Pham, A. *see* Schmaul, B. 20737
Pham, A. *see* Zhang, X.X. 20729
Pham, A.T. Measurement of electrical constitutive parameters of biological tissues using a monopole antenna 15172
Pham, A.T. Nonlinear distortion due to laser intrinsic nonlinearity and clipping in lightwave CATV SCM systems 38016
Pham, D.T. Some quick and efficient methods for bearing-only target motion analysis 13210
Pham, D.T., Bayro-Corrochano, E.J. Neural networks for low-level image processing 5131
Pham, D.T., Garat, P., Jutten, C. Separation of a mixture of independent sources through a maximum likelihood approach 13426
Pham, H. Optimal cost-effective design of triple-modular-redundancy-with-spares systems 17963
Pham, H.N., Stierle, H. FLASH TV: a solution for outside broadcasting of digital HDTV 14807
Pham, J. *see* Gupta, N. 3258
Pham, J.T. *see* Leavitt, R.P. 35576
Pham, T. *see* Gromada, J. 39449
Pham, T.H., Ito, M., Hirasawa, K., Nishizawa, H. Dynamic finite element method using unconnected meshes for electric machines 16785
Pham, V.D. *see* Tixador, P. 39671
Pham Binh *see* Binh Pham
Pham Cong-Kha *see* Cong-Kha Pham
Pham Trung Tat *see* Trung Tat Pham
Pham Xuan Huy *see* Xuan Huy Pham
Phamdo, N., Farvardin, N. Optimal detection of discrete Markov sources over discrete memoryless channels—applications to combined source-channel coding 44938
Phan, T.H. *see* Colleran, W.T. 27023
Phan Trung Huy *see* Do Long Van 44726
Phanendra Babu, G., Narasimha Murty, M. Clustering with evolution strategies 45102
Phang, J.C.H. *see* Chim, W.K. 43034
Phang, J.C.H. *see* Ong, V.K.S. 23873
Phang, J.C.H. *see* Sim, K.S. 43051
Phani Bhushan, K. *see* Uchil, S. 23685
Pharao, K. *see* Fink, F.K. 13125
Pharaoh, K.I. *see* Knight, D.J.E. 6295
Phatak, A. *see* Sridhar, B. 13822
Phatak, A. *see* Sridhar, B. 22273
Phatak, P., Imaizumi, M., Weber, E.R., Newman, N., Liliental-Weber, Z. The microstructure of ZrN/GaAs Schottky contacts and its correlation with electrical properties 1935
Phelan, P. *see* Farrell, G. 35799
Phelan, R.J., III, Lehman, J.H., Larson, D.R. Electrically calibrated pyroelectric detector-refinements for improved optical power measurements 23588
Phelleps, F. *see* Ho, T. 1582
Phelleps, F. *see* Upshur, J.I. 19105
Phelps, A.D.R. Diagnostics of pulsed power microwaves and mm-waves 47990
Phelps, M.E. *see* Daghighian, F. 39000
Phelps, R.A., Anferov, V.A., Chu, C.M., Courant, E.D., Crandell, D.A., Derbenev, Ya.S., Kaufman, W.A., Koulsha, A.V., Krisch, A.D., Nurushev, T.S., Raczkowksi, D.B., Sund, S.E., Wong, V.K., Caussyn, D.D., Ellison, T.J.P., Lee, S.Y., Sperisen, F., Stephenson, E.J., von Przewoski, B., Baiod, R., Khiari, F.Z., Ratner, L.G., Sato, H. Adiabatic partial Siberian snake turn-on with no beam depolarization 38798
Phetteplace, G., Potyka, R. RF semiconductors drive next-generation PCS 37835
Phifer, L.A. *see* Warren, S.W. 45434
Philbrick, R.H. *see* Anagnostopoulos, C.N. 38564
Philip, A., Radhakrishnan, P., Nampoori, V.P.N., Vallabhan, C.P.G. Photoacoustic study on bleaching of cresyl violet in polyvinyl alcohol by laser light 21080
Philipossian, A. *see* Heyns, M.M. 34701
Philipp, B.L., Hsu, C.S. An algorithm for the partial fraction expansion of a transfer function matrix 18396
Philippe, B. *see* Crouzeix, M. 41162
Philippot, E., Ibanez, A., Goiffon, A., Zarka, A., Schwartzel, J., Detaint, J. New approach of crystal growth and characterization of a quartz and berlinite isomorph: $GaPO_4$ 18192
Philippot, E. *see* Cambon, O. 43228
Philippot, E. *see* Detaint, J. 20066
Philips, A.J., Cryan, R.A., Senior, J.M. Optical fibre PPM with optical preamplification 5957
Philips, B. *see* Tanaka, M. 11449
Philips, F. *see* Haynes, L. 23428
Philips, L. *see* Van Himbeeck, C. 37892
Philips, W. A new fast algorithm for moment computation 13636
Philips, W. An adaptive orthogonal transform for image data compression 13807
Philips, W. Time-warped polynomials for signal representation and coding 15886
Philips, W. ECG data compression with time-warped polynomials 31954
Philipson, L.H. *see* Andersson, P. 9896
Phillion, D.W. *see* Kauffman, R.L. 27810
Phillion, D.W. *see* Spitzer, R.C. 27991
Phillipp, F. *see* Marschner, T. 9647
Phillipps, G. *see* Seidel, S. 35710
Phillips, A.J., Cryan, R.A., Senior, J.M. Viability of optical fibre PPM soliton systems with Gordon-Haus effect reduction 43443
Phillips, A.J. *see* Cryan, R.A. 30707
Phillips, A.J. *see* Cryan, R.A. 30730
Phillips, A.J. *see* Cryan, R.A. 30796
Phillips, A.R. *see* Hill, A.V. 2352
Phillips, B. Branch-office muxes make every kbit count 45697
Phillips, C. *see* Jagd, A. 14183
Phillips, C. *see* Shiow-Hwa Lin 28628
Phillips, C.C. *see* Fawcett, A.H. 19336
Phillips, C.C. *see* Tan Le 42528
Phillips, C.I. *see* Schormans, J.A. 30167
Phillips, D., Desrochers, P. *(editors)* Multimedia Communications. Forging the Link: Market-Technology-Policy. Proceedings of the Multimedia Communications '93 Conference 33218
Phillips, D.D. *see* Howe, A.T. 20508
Phillips, F. *see* Kezunovic, M. 47936
Phillips, H. *see* Cronstrom, H. 31804
Phillips, H.M., Sauerbrey, R.A. Excimer-laser-produced nanostructures in polymers 10797
Phillips, H.M., Wahl, S., Ball, Z., Brinson, B.E., Sauerbrey, R. Fabrication of excimer laser induced electrically conducting structures in polymers with high spatial resolution 18318
Phillips, J. *see* Gore, J. 327
Phillips, J. *see* Vassiliadis, S. 18585
Phillips, J.M. *see* Gurvitch, M. 35270
Phillips, J.M. *see* Martens, J.S. 28414
Phillips, J.M. *see* Martens, J.S. 41855
Phillips, K. Networks for mobile communications in Australia 37853
Phillips, M.J., Milosevic, Z. On some performance issues for open services support in future networks 30289
Phillips, N.J., Ce Wang, Coleman, Z. Holograms in the edge-illuminated geometry-new materials developments 36053
Phillips, N.J., Coleman, Z.A., Ce Wang, Barnett, C.A. Novel methods for the creation of silver free images in holography using conventional silver-halide emulsions 12490
Phillips, N.J., Rallison, R.D., Barnett, C.A., Schicker, S.R., Coleman, Z.A. Dichromated gelatin-some heretical comments 36055
Phillips, N.J. *see* Yeo, T.E. 12483
Phillips, P.M. *see* Neidert, R.E. 18993
Phillips, R. Trends in optical communications 45958
Phillips, R. *see* Ruth, R.D. 46776
Phillips, R.A. *see* Smith, R.C. 8184
Phillips, R.J. Cooling high-power electronics using microchannel heat sinks 26718
Phillips, S.M. *see* Dhuler, V.R. 25479
Phillips, S.M. *see* Dhuler, V.R. 25480
Phillips, T.E. *see* Benson, R.C. 19264
Phillips, T.G. *see* Kooi, J.W. 43360
Phillips, V.D., Chuveliov, A.V., Takahashi, P.K. Renewable-energy paradox in paradise: a case study of Hawaii 39710
Phillips, W.M. The artificial heart: history and current status 39096
Phillipson, P.E. *see* Scott, J.F. 35147
Philokyprou, G. *see* Roussos, J.K. 22623
Phinney, N. Co-op blends packet radio with SCADA network 32344
Phipps, C. *see* Dreyfus, R.W. 19970
Phipps, C.R. Modification of Earth-satellite orbits using medium-energy pulsed lasers 24445
Phipps, J.G., Jr. *see* Dimolitsas, S. 4463
Phipps, J.G., Jr. *see* Dimolitsas, S. 14068
Phipps, W.E., Jr., Neta, B., Danielson, D.A. Parallelization of the naval Space Surveillance Satellite Motion Model 7572
Phlips, B.F. *see* Asoka-kumar, P. 23994
Phoenix, R.G., Crowe, J.A., Gibson, N.M., Peasgood, W., Woolfson, M.S., Faulkner, T.R. The application of finite impulse response filters to the detection of fetal electrocardiogram signals 24274
Phoenix, S.J.D. *see* Barnett, S.M. 21518
Phoha, V.V., Oldham, W.J.B. Image recovery and segmentation using competitive learning in a layered network 29856
Phu, P. *see* Li, L. 44282
Phung, B. *see* Cavedon, J.M. 15354
Phuoc Vo Dinh *see* Dinh Phuoc Vo
Pi, W.K., Lim, S.H., Noh, T.H., Kim, H.J., Kang, I.K. Magnetic properties of $Fe_{73.5}Cu_1Nb_3(Si_xB_{1-x})_{22.5}$ (x=0.4-0.8) alloy ribbons quenched from different melt temperatures 43280
Pi Jia-Jing, Zhao Li-Zhuan, Du Jian-Guo, Shen Wei-Guo High precision laser interferometer for length metrology 31460
Pi Yiming, Huang Shunji, Liu Guoqing Improved choosing method of phase reference in inverse synthetic aperture radar 14681
Pia, A. *see* Antonelli, A. 24054
Pia, P.J. *see* Sholl, H.A. 22366
Piacentini, M. *see* Lama, F. 31812
Piacentino, G.M. *see* Bacchetta, N. 46842
Pian, C.C.P., Dunton, A.W., Farrar, L.C., Petty, S.W., Reich, J., Schmitt, E.W. Design and fabrication of the prototypic MHD generator for the integrated topping cycle 25344
Pianetta, P. *see* Pellegrini, C. 44002
Pianetta, P. *see* Yang, X. 18160
Piantini, A., Janiszewski, J.M. Analysis of lightning electromagnetic fields 47454
Piasecki, W., Froncisz, W. Field distributions in loop-gap resonators 19002
Piatnicia, A.Y., Talisa, S.H., Gavaler, J.R., Janocko, M.A., Talvacchio, J., Buckley, M.J., Leader, K.M., Moellers, J.A., Schrote, M.R. High-temperature superconducting matching networks for electrically short monopole antennas 4288
Piazza, G. *see* Di Lena, G. 33535
Piazza, R.L. *see* Marcotte, R.A. 31096
Piazzolla, S. *see* Petrisor, G.C. 11903
Picard, C. *see* Renaudin, C. 15772
Picard, D. *see* Ziyyat, A. 29287
Picard, F. *see* Jerominek, H. 2933
Picard, H.E., Macklin, H.R. Continuous improvement on power plant outage and construction 32525
Picard, J.P. *see* Jaafari, A. 146
Picard, L.J. *see* Tse, P.K. 33450
Picard, R.W. Structured patterns from random fields 29922
Picard, R.W. *see* Elfadel, I.M. 36986
Picard, R.W. *see* Popat, K. 30065
Picard, Y. *see* Thompson, C.J. 15718
Picardi, G., Seu, R., Fusco, A., Ristuccia, C. Estimation of surface slope and reflectivity based on processing of radar altimeter data 23132
Picardi, G. *see* Ciaffone, A. 30914
Picardi, L. *see* Messina, G. 15332
Picardi, L. *see* Ronsivalle, C. 15380
Picart, P. *see* de Saxce, T. 28990
Piccari, L., Desiro, G. Realisation of passive optical waveguides on GaAs 20368

Piccaro, M.F., Toker, E. Development and evaluation of a CCD-based digital imaging system for mammography 7369
Picchi, G. *see* Forghieri, F. 46021
Picchi, G. *see* Zhang, J.-G. 5982
Piccinini, M. *see* Bertin, A. 31795
Picciolo, G., Lo Forti, S., Camensig, C., Scalcino, S. Reliability-based optimum choice of a MV electric power distribution system in a large petrochemical factory 25980
Piccione, B. *see* Mizzoni, R. 29402
Piccione, D. *see* Hale, S. 15953
Piccirillo, A., Bagnoli, P.E. Electrical characteristics of PECVD silicon nitride/compound semiconductor interfaces for optoelectronic device passivation 10950
Piccirillo, A. *see* Mottet, S. 35491
Piccirillo, J. *see* Chen, B. 20026
Picco, R. *see* Bellifemine, F. 13832
Piccoli, L. *see* Di Donna, G.B. 14442
Piccolo, M. The experimental program at DAΦNE, the Frascati ϕ factory 6869
Piccolo, R. *see* Maltese, P. 11692
Picel, Z. *see* Boisson, J.-Y. 37366
Picheny, M. *see* Rtischev, D. 36614
Picheny, M.A. *see* Bahl, L.R. 4482
Picheny, M.A. *see* Bahl, L.R. 44761
Picheny, M.A. *see* Bellegarda, J.R. 13116
Pichler, G. *see* Motzkus, M. 12343
Pichler, H. Communication between local networks through wide area networks with multiprotocol routeing 22633
Pichler, K. *see* Greenham, N.C. 35600
Pichler, P., List, S. Dopant migration caused by point defect gradients 19503
Pichler, P. *see* Yu, Y.H. 10807
Picholle, E. *see* Montes, C. 35725
Pichon, J.-P.Le *see* Le Pichon, J.-P.
Pichon, L. *see* Sarret, M. 33700
Pichuev, A.V. LSI 'adaptive corrector' 10207
Pick, S. *see* Treitinger, L. 30837
Pickard, B.D. *see* Cumberledge, W.S. 38511
Pickard, S.J., Jabri, M.A. A VLSI switched capacitor realisation of an artificial synapse and neuron suitable for nano-power multi-layer perceptrons 1356
Pickel, J.C. *see* Petersen, E.L. 34872
Picken, D.A. *see* Davies, M. 16250
Pickens, J.R. *see* Routt, T.J. 45369
Pickens, T.A. *see* Clauss, J.M. 32606
Pickerill, J. *see* Elleby, P. 10803
Pickering, C. *see* Canham, L.T. 41399
Pickering, L.W., Barnhart, E.N., Witten, M.L., Lu, R.C. Trends in multipath delay spread from frequency domain measurements of the wireless indoor communication channel 36189
Pickering, M., Arnold, J., Cavenor, M. A VBR rate control algorithm with constant perceived decoded image quality 36910
Pickering, S. Protection relays new applications 47577
Pickering, W.M. *see* Marshall, E.A. 47058
Pickett, B. *see* Phadke, A.G. 47608
Pickett, E.E., Hsu, E. Alignment of image profiles in optical gauging 6562
Pickett, R.M., Levkowitz, H., Gonthier, D. Evaluating the registration multiparameter images 38964
Pickett, S.K. Mixed schematic and language entry in communication systems design 45570
Pickholtz, R.L. *see* Ya-Qin Zhang 36460
Pickin, W. *see* Dyer, T.E. 9684
Pickin, W. *see* Dyer, T.E. 34494
Pickrell, D.J., Santini, P.J., Kimock, F.M. CVD diamond substrates: current status of the technology 19241
Pickworth, G. The spark that gave radio to the world [spark dischargers] 14767
Pickworth, G. Marconi's 200 kW transatlantic transmitter 38229
Picoli, G. *see* Wolffer, N. 3894
Picolo, J.-L. *see* Masse, D. 38841
Picologlou, B.F., Doss, E.D., Geyer, H.K., Sikes, W.C., Ranellone, R.F. MHD seawater thruster performance: a comparison of predictions with experimental results from a two Tesla test facility 25906
Picon, O. *see* Achkar, J. 10421
Picon, O. *see* Man-Fai Wong 18989
Picon, O. *see* Visan, S. 1627
Picon, O. *see* Visan, S. 42240
Picon, O. *see* Wong, M.F. 29245
Picone, J.W. Signal modeling techniques in speech recognition 12985
Picot, P.A. *see* Drangova, M. 31866
Picotto, G.B. *see* Nerino, R. 46632
Picozza, M. *see* Bocciolini, M. 24082
Picozza, P. *see* D'Angelo, A. 6943
Picraux, S.T. *see* Strane, J.W. 9513
Picraux, S.T. *see* Strane, J.W. 33664
Pidcock, M. *see* Paulson, K. 31910
Pidcock, M. *see* Paulson, K. 37036
Pidgeon, C.R. *see* Kremser, C. 20778
Pieczynski, W. *see* Caillol, H. 24458
Piedigrossi, D. *see* D'Ambrosio, C. 27441
Piegari, A., Emiliani, G. Laser mirrors with variable reflected intensity and uniform phase shift: design process 3726
Piehler, D. Upconversion process creates compact blue/green lasers 20745
Piehler, D., Craven, D., Kwong, N., Zarem, H. Laser-diode-pumped red and green up-conversion fibre lasers 3559
Piejak, R.B. *see* Godyak, V.A. 48451
Piekarski, M.S., Uruski, M. Tangential Nevanlinna-Pick interpolation problem for bounded real matrices—a network approach 33518
Piekarz, H. *see* Clark, E. 24010
Piekoszewski, J., Werner, Z., Langner, J., Pochrybniak, C., Bialoskorski, J., Zareba, J., Bednarski, S. Implanted and plasma pulse annealed solar cells in novel, modified Bridgman grown polycrystalline silicon 48115
Piekutowski, M. *see* Tan Loc Le 24834
Piel, A., Tahaghoghi Vatani, O., Protin, L. Induced perturbations from a syncopated control of power supply for several three-phase loads 47358
Piel, H. *see* Michalke, A. 7136
Piel, H. *see* Reschke, D. 15509
Piel, H. *see* Roth, R.W. 15519
Pielemeier, W.J., Wakefield, G.H. Time-frequency and time-scale analysis for musical transcription 13371
Pieloor, J. *see* Habibi, D. 14262
Pien, H., Gauch, J. A variational approach to sensor fusion using registered range and intensity data 22238
Piepenbreier, B. *see* Holl, E. 17023
Pieper, J.B., Price, J.C. A sensitive low-power homodyne reflectometer for impedance measurements at 0.25-1.0 GHz 38646
Pieper, R.J., Richstein, J.K., Ho, C.-M., Lee, A., Poon, T.-C. Real-time histogram generation using optical scanning 46339
Pieper, R.J. *see* Richstein, J.K. 41957
Pieper, W., Eiselt, M., Grosskopf, G., Langenhorst, R., Ehrhardt, A., Weber, H.G. Investigation of crosstalk interference in a fibre loop optical buffer 43377
Pieper, W. *see* Ehrhardt, A. 22306
Pieper, W. *see* Eiselt, M. 5668
Pieper, W. *see* Eiselt, M. 28875
Pieper, W. *see* Eiselt, M. 29795
Pieper, W. *see* Schnabel, R. 11769
Pieper, W. *see* Schnabel, R. 29022
Pieper, W. *see* Schnabel, R. 38076
Pieper, W. *see* Schnabel, R. 38128
Piepho, J., Ciolfi, P., LaRue, A., Waanders, P. Seven different low-NO_x strategies move from demonstration to commercial status 8122
Pieprzyk, J., Sadeghiyan, B. Optimal perfect randomizers 12977
Pieprzyk, J., Sadeghiyan, B. Design of hashing algorithms 29476
Pieprzyk, J. *see* Brown, L. 12964
Pieprzyk, J. *see* Charnes, C. 21564
Pieprzyk, J. *see* Kwan, M. 12978
Pieprzyk, J. *see* Sadeghiyan, B. 12969
Pieprzyk, J. *see* Sadeghiyan, B. 12975
Pieprzyk, J. *see* Yuhang Zheng 12970
Pieprzyk, J. *see* Zheng, Y. 21559
Piera, N. *see* Oliver, G.A. 4916
Pieraccini, R. *see* Lee, C.-H. 29503
Pieraccini, R. *see* Lee, C.H. 13029
Pieraccini, R. *see* Levin, E. 21670
Pieraggi, B. *see* Guillemet, J.P. 26496
Pierantoni, L. *see* De Leo, R. 44438
Pierantoni, L. *see* Rozzi, T. 29138
Pierattini, G. *see* De Nicola, S. 38729
Pierce, A. *see* Pettigrew, R.D. 32515
Pierce, B.L., Shelton, D.J., Longbotham, H.G., Baddipudi, S., Ping Yan Automated inspection of through hole solder joints utilizing X-ray imaging 34329
Pierce, D. *see* Obadat, M.S. 15116
Pierce, D. *see* Schuerch, W. 38660
Pierce, D.G. *see* Snyder, E.S. 35084
Pierce, J.L., Karl, M., Duckett, E.J. Evaluation of contracting alternatives for reactivation of a 330 MW combined cycle power plant 8227
Pierce, L. *see* Sarabandi, K. 46074
Pierce, L.W. Predicting liquid filled transformer loading capability 40292
Pierce, L.W. Hottest spot temperatures in ventilated dry type transformers 47933
Pierce, N.G., Drevna, M.J. Development of generic simulation models to evaluate wafer fabrication cluster tools 255
Pierce, R.D. Detection of radar targets using HOS 6107
Pierce, R.D. Velocity measurement of radar targets using HOS 6140
Pierce, R.H., Loftus, C.W., Sherratt, E.M. Visualising IE designs with the DEMON tool 37231
Pierce, R.H., Marshall, I., Goodenough, S.J. Object-oriented design of an air defence simulator 47327
Pierce, R.M. *see* Seamster, T.L. 7571
Pieri, M. *see* Mattavelli, L. 39714
Pierini, P. *see* Bonifacio, R. 43985
Pierini, P. *see* Bonifacio, R. 43997
Pierini, P. *see* Pellegrini, C. 44002
Pierini, P. *see* Zhang, R. 43690
Pieris, G.R., Sasaki, G.H. A linear lightwave Benes network 22741
Pierleoni, P. *see* Chiaraluce, F. 30735
Pierobon, G.L. *see* Cariolaro, G.L. 43810
Pierrat, C., Wong, A., Vaidya, S., Vernon, M. Phase-shifting mask topography effects on lithographic image quality 2265
Pierrat, C. *see* Kostelak, R.L. 27944
Pierrat, C. *see* Marchman, H.M. 27928
Pierrat, L., Wang, Y.-L. Probabilistic modelling and Monte Carlo simulation of harmonic disturbances in power systems 39462
Pierrat, L. *see* Petrovic, D.S. 8318
Pierrat, L. *see* Yaw-Juen Wang 32186
Pierre, C. *see* Zouari, I. 787
Pierre, J.F. *see* Forbes, G.A. 17308
Pierre, J.W., Kaveh, M. Wideband sensor array processing using a laboratory array testbed 23235
Pierre, L. VHDL description and formal verification of systolic multipliers 1176
Pierre, R.E.St *see* St Pierre, R.J.
Pierre, S. Application of artificial intelligence techniques to computer network topology design 14203
Pierre, S. Knowledge acquisition for telecommunications network design 37530
Pierre, X., Cambronne, J.P., Thomas, J.L. A high power voltage rectifier with sinusoidal inputs 8588
Pierrejean, I. *see* Dugas, J. 18369
Pierri, R. *see* Isernia, T. 4263
Pierro, J. *see* Merenda, J.L. 1460
Pierrugues, M. *see* Henein, J. 14454
Pierschel, M. *see* Schroder, O. 47146
Pierson, E.S. *see* Petrick, M. 25907
Pierson, R. *see* Ho, W.J. 28255
Pierson, R. *see* Ho, W.J. 43090
Pierson, R. *see* Muzzolini, R. 45096
Pierson, R.L., Jr. *see* Pedrotti, K.D. 43673
Pierson, W.E., Jr., Ying, C.-H.J., Moses, R.L., Steedly, W.M. Accuracy and computational comparisons of TLS-Prony, Burg, and FFT based scattering center extraction algorithms 24093
Pierucci, L. *see* Del Re, E. 22874
Piesch, E. *see* Burgkhardt, B. 7264
Piesch, E. *see* Guclev, M.G. 32003
Piessi, A. *see* Mauthe, G. 25576
Piestrup, M.A. *see* Gary, C.K. 15766
Pieter, J., Schalkwijk, M. Beating Shannon's inner bound with message percolation 12801
Pietkiewicz, S. *see* Dobkin, R. 17028
Pietracaprina, A. *see* Krishna, A. 37164
Pietrangelo, A.R. Development of NUMARC 91-06, 'Guidelines for industry actions to assess shutdown management' 39736
Pietrikova, M. *see* Krasa, J. 38849
Pietro, R.Di *see* Di Pietro, R.
Pietro, W.J. *see* Fielder, S.S. 46572
Pietrobon, S.S., Costello, D.J., Jr A bandwidth efficient coding scheme for the Hubble Space Telescope 45882
Pietrobon, S.S. *see* Gray, P.K. 45883
Pietrobon, S.S. *see* Morrison, I.S. 45880
Pietroiusti, R. *see* Dionisi, S. 5749
Pietrucha, B.M. The role of field performance information in building in reliability 33448
Pietruszko, S.M. Thermal quenching in doped LPCVD amorphous silicon hydrogenated by ion implantation 34681
Pietrzak-David, M. *see* Ammar, F.B. 8890
Pietrzakowski, M. Active vibration control of one-dimensional piezoelectric laminates 11415
Pietrzyk, U. *see* Wienhard, K. 47046
Pietsch, G.J., Kohler, U., Henzler, M. Chemical status and surface topography of Si(111) after HF/NH_4F/H_2O wet chemical treatments: investigations with STM, AES, and TDS 34756
Pietsch, G.J., Kohler, U., Henzler, M. Chemistry of silicon surfaces after wet chemical preparation: a thermodesorption spectroscopy study 42667
Pietsch, J. *see* Cutler, R.T. 23484
Pietzak-David, M. *see* Ben Ammar, F. 8860
Pigache, D., Georges, E., Louvet, Y. Theoretical and experimental analysis of a chemical oxygen iodine laser 12010
Pigache, D. *see* Godard, B. 20628
Pigaglio, P., Sagnes, C., Flank, Y. The 104 project of France Telecom, a practical and competitive approach 5285
Pigeon, F., Pelissier, S., Mure-Ravaud, A., Gagnaire, H., Hosain, S.I., Veillas, C. A vibration sensor, using telecommunication grade monomode fiber, immune to temperature variations 6522
Pigini, A. *see* Cannavale, G. 25510
Pigini, A. *see* Colombo, E. 48020
Pigini, A. *see* Colombo, E. 48021
Pignari, S. *see* Maio, I. 26664
Pignari, S. *see* Maio, I. 44481
Pignastil, S.S. Analysis of some electromechanical magnetic flux compression circuits with self-excitation 8532
Pignatel, G.U. *see* Cantatore, E. 11630
Pignatel, G.U. *see* Lui, A. 24030
Pignatel, G.U. *see* Rojas, S. 26507
Pignitter, E. *see* Boldelmer, H. 25447
Pigott, J.R. *see* Khachan, J. 869
Pigulevskii, E.D., Turzhanskii, A.A. Nonlinear methods for synthesizing and filtering acoustic images in ultrasonic reconstructed computer tomographs 18347

Pihet, P., Coppola, M., Loncol, T., Di Majo, V., Menzel, H.G. Microdosimetry study of radiobiological facilities at the RSV-Tapiro reactor 47142

Pihler, J. *see* Dolinar, D. 32894

Pillonen, L. *see* Morgan, N. 31778

Pironen, P., Floranta, E.W. Demonstration of a high-spectral-resolution lidar based on an iodine absorption filter 28587

Pijls, N.H.J. *see* Huiskamp, G.J.M. 39048

Pijnappel, W.W.F. *see* de Beer, R. 15834

Pijpers, M., Alder, M.D. Affine transformations of the speech space 4560

Pikalov, M.G., Alcinikov, V.L., Kulik, O.V. High speed buffer 41894

Pike, D. *see* Dang, N.D. 22941

Pike, J.P. *see* Lyons, B.N. 6413

Pike, W.T. *see* Asif Khan, M. 18162

Pike, W.T. *see* George, T. 10705

Pikhtin, N., Dussardier, B., Monnom, G., De Micheli, M., Ostrowsky, D.B., Budin, J.-P. Gain-guided optical amplification in a stoichiometric $KNdP_4O_{12}$ crystal transversely pumped by a high-power diode laser 12053

Pikkel, E.V., Samoilov, V.D., Cherkasov, Yu.N. Average value of an optical radar signal in a turbulent atmosphere 14717

Pikkel, E.V., Samoilov, V.D., Khaitun, F.I. Receiver channel of a pulsed laser rangefinder with correlation signal selection 12505

Pikovsky, A. *see* Cvitanovic, P. 36672

Pikulik, V.G. *see* Afonenko, A.A. 12507

Pikulski, J.L. *see* Schaffner, J.H. 45968

Pikunov, V.M., Chernyavskiy, I.A. Electron waves in a relativistic Cerenkov microwave device 1800

Pikunov, V.M., Chernyavskiy, I.A. Amplification and generation of microwaves in a relativistic Cerenkov device 10616

Pikunov, V.M., Chernyavskiy, I.A. Linear theory of the relativistic superdimensional Cherenkov devices 28689

Pikush, V.V. *see* Korchemkin, Yu.B. 44497

Pil Joong Lee *see* Chae Hoon Lim 12957

Pilacinski, J., Muszynski, R., Smith, C. Determination of catalogue parameters of power semiconductor devices using experiment design theory 2497

Pilarski, S., Ivanov, A., Kameda, T. On minimizing aliasing in scan-based compaction 41779

Pilarski, S., Kameda, T., Ivanov, A. Sequential faults and aliasing 1136

Pilarski, S. *see* Krasniewski, A. 1231

Pilat, E. *see* Nosochkov, Y. 38777

Pilat, F. *see* Bourianoff, G. 38776

Pilath, S. *see* Bates, S. 24057

Pilatos, J.C. *see* Todd, J.R. 39286

Pilatov, A.G. *see* Florinskii, V.Y. 35036

Pilatov, A.G. *see* Pevtsov, A.B. 20548

Pilatzek, M. *see* Schnabel, R.F. 26448

Pilchen, Y. *see* Lucyszyn, S. 27269

Pil'don, V.I. *see* Glazov, V.M. 34492

Pileggi, D.J., Gulachenski, E.M., Root, C.E., Gentile, T.J., Emanuel, A.E. The effect of modern compact fluorescent lights on voltage distortion 2593

Pileggi, D.J. *see* Emanuel, A.E. 47503

Pilipetskii, A.N. *see* Golovchenko, E.A. 29015

Pilipovich, V.A., Vaman, A.K., Goncharenko, I.A., Posedko, V.S., Solonovich, I.F. A circulator fibre-optic memory loop using an additional opposite-flow channel 35354

Pilipovich, V.A., Vaman, A.K., Kuleshov, V.K., Solonovich, I.F. Optoelectronic digital computer for cellular matrix multiplication 11751

Pilipovich, V.A., Polyakov, V.I. Crystal-based multichannel polarization switches for light-flux commutation 3196

Pilkey, W.D. *see* Schramm, U. 9490

Pilkington, R.D. *see* Ahmed, E. 867

Pilkington, R.D. *see* Jones, P.A. 18299

Pilkington, S.J., Missous, M., Woolf, D.A. On the Richardson constant of intimate metal-GaAs (111)*B* Schottky diodes grown by molecular beam epitaxy 19738

Pilkington, T.C. *see* Davis, J.W. 15843

Pilkington, T.C. *see* Davis, J.W. 24319

Pilkington, T.C. *see* Eyuboglu, B.M. 15842

Pilkington, T.C. *see* Eyuboglu, B.M. 24321

Pilkington, T.C. *see* Eyuboglu, B.M. 31959

Pilkington, T.C. *see* Penzotti, J.E. 39100

Pilla, R.P., Bhattacharjee, A. Elimination of the sideband instability in variable-parameter free-electron lasers and inverse free-electron lasers 35911

Pilla, R.P. *see* Bhattacharjee, A. 43991

Pillage, L.T. *see* Brashear, R.B. 26597

Pillage, L.T. *see* Kim, S.-Y. 28241

Pillai, A.P. 60 Channel Trans Multiplexer 37667

Pillai, M. *see* Anchincloss, P.S. 46954

Pillai, P.R.S. *see* Bhat, J.J. 24536

Pillai, S.G.K. An introduction to synchronous digital hierarchy (SDH) 5373

Pillai, S.G.K. Trends in cellular and cordless communications 37881

Pillai, S.G.K. Trends in cellular and cordless communications (II) 45876

Pillai, S.K. *see* Fernandes, B.G. 8550

Pillai, S.P. *see* Agarwal, R.C. 14724

Pillai, S.P. *see* Felix, V.P. 14727

Pillai, S.R., Nugent, S.T. Maximally flat power complementary filters with symmetric bandpass response 27038

Pillai, S.Radhakrishnan *see* Radhakrishnan Pillai, S.

Pillai, S.U., Lee, W.C. Nonminimum phase systems and a geometrical solution to the double extension problem 21898

Pillai, S.U., Shim, T.I., Youla, D.C. A new approach to system identification and rational approximation 26634

Pillai, S.U. *see* Carin, L. 36170

Pillai, S.U. *see* Shim, T.I. 13226

Pillai, S.Unnikrishna *see* Unnikrishna Pillai, S.

Pillai, V. *see* Hingorani, S. 10514

Pillaisamarri, R. *see* Birkmire, D.P. 16107

Pillan, M. *see* D'Amore, D. 41620

Pillat, P. *see* Balewski, K. 46775

Pillay, P., Refouli, L. Calculation of slip energy recovery induction motor drive behavior using the equivalent circuit 40555

Pillay, P. *see* Allen, C.R. 17505

Pillay, P. *see* Refouli, L. 23864

Pillay, P.K. *see* Krishnan, S.M. 24203

Piller, M. *see* Weisenberger, A. 1815

Pillig, R. *see* Lam, L.T. 40427

Pillig, R. *see* Manders, J.E. 40416

Pilling, N.A., Holmes, R., Jones, G.R. Low power optical current measurement system employing a hybrid transmitter 46566

Pillmayr, N. *see* Polster, J. 40053

Pillsbury, A.D. LITE engineering model. II. The flight-qualified subsystems 6041

Piloni, M., Grippa, R., Polli, R. A novel E-plane technology for spaceborne MM-wave up and down converters 27301

Pilorget, L. Innovation consultancy services in the European Community 190

Pilot, A. *see* Cavagnetto, F. 7503

Pilotto, L.A.S. *see* Alves, J.E.R. 32390

Pilsl, M. *see* Biesenack, J. 33836

Piltsov, V.A. *see* Mescheryakov, V.I. 37956

Piltsov, V.A. *see* Sokolov, V.V. 37955

Pilvelait, B.R. *see* Karady, G.G. 24681

Pilyar, A.V. A fast analog-to-digital converter 41145

Pimbley, J.M. *see* Agrawal, B. 42970

Pimenov, V.Yu., Yampol'skiy, A.V. A method of improving the directional properties of decameter in-phase antennas using passive dipoles 12782

Pimenov, Yu.V., Oury, B.A. Two-dimensional diffraction problem of E-polarized electromagnetic waves at a half-plane, joined with a cylindrical surface of arbitrary profile 44278

Pimenta, M. *see* Benvenuti, A. 7252

Pimentel, C.J.-L. *see* Balachandran, K. 36512

Pimentel, F. *see* Zalar, A. 10991

Pimia, M. *see* Hubtinen, M. 7183

Pimienta, D. Computer-based communication: hope for academic and research sectors in the Third World. The REDALC experience in Latin America and the Caribbean 45616

Pimpinella, R.J., Bergmann, E.E. Optical connectors and variable losses in coupling multimode fibers 49282

Pimpinella, R.J., Seals, J.D. Tailoring lightwave technologies for the avionics and military environment 39208

Pimpinella, R.J. *see* Benning, S.L. 39261

Pin, M. The production of thermal electricity by PDF the technological means 16644

Pin Ao Chen A novelty optical filter with multi layer coating of ZnO-CdTe 20509

Pin Ho *see* Ballingall, J.M. 1640

Pin-Chieh Hsu, Pao-Shan Weng Response of thermoluminescent dosimeters CaF_2:Tm to ultra violet radiation using negative growth method 47147

Pin-Chieh Hsu, Shi Ping Teng, Kuen Bey Chen, Chih-Yuan Chen, Lien-Hsiung Lee Evaluation of radiation dose and protection around a fine leakage testing instrument 40900

Pin-Chieh Hsu *see* Su-Fan Wang 24575

Pin Gan Mu *see* Mu Pin Gan

Pin-zhong Fan *see* Zhi zhang Xu 3453

Pina, B. *see* Benda, V. 2496

Pinak, M. *see* Bosio, C. 15618

Pinandito, M. *see* Tazaki, S. 29456

Pinard, P. *see* Robert, J.L. 42406

Pinardi, M. *see* Mandrillon, P. 6909

Pinatel, C. *see* Wang, H. 2447

Pinault, S.C., Lopresti, P.V. On the behavior of the double loop sigma-delta modulator 18536

Pinault, S.C., Lopresti, P.V. Digital characterization techniques for the analog performance of mixed-signal devices 18896

Pinault, S.C., Lopresti, P.V. Digital characterization techniques for the analog performance of mixed signal devices 18905

Pincenti, J.C., Naylor, D.L. Humidity dependence of the birefringence in poly(methyl methacrylate) waveguides 43475

Pincetl, P. *see* Delfino, B. 49508

Pinchuk, G.A. Linear array for the RATAN-600 beam retrieval 14743

Pinchuk, G.A., Parijskij, Y.N., Majorova, E.K., Shannikov, D.V Multibeam operational mode at the RATAN-600 radio telescope 23248

Pinclk, E. *see* Thurzo, I. 11122

Pinclk, E. *see* Thurzo, I. 28087

Pinck, D. *see* Drucker, E.H. 37746

Pinck, D. *see* Wolff, R.S. 47909

Pincon, J.P., Gabano, J.D., Colrault, P., Trigeassou, J.C. Monitoring a DC motor using a parameter estimation and sequential test of Wald 8441

Pincus, C.I. *see* Gary, C.K. 15766

Pinczuk, A. *see* Wegscheider, W. 12250

Pindo, M. *see* Beker, H. 7152

Pindo, M. *see* Campbell, M. 46972

Pineda, L.A. On computational models of drafting and design 9204

Pineira, T. *see* Cance, M. 38406

Pineiro, J.D. *see* Moreno, L. 47097

Pineri, M. *see* Mosdale, R. 48110

Pinet, A. Thermally permissible short-circuit current in cable screens: method of calculation and application to a MV cable 24956

Ping, E.-X. Transmission of planar, cylindrical and spherical multiple dielectric layer systems 4040

Ping, E.-X. Transmission of a generalised wave in dielectric layer systems 36148

Ping, E.X. *see* Dalal, V.L. 41464

Ping, W. *see* Tokumaru, S. 12575

Ping Cai *see* Cai Ping

Ping He *see* He Ping

Ping Jiang *see* Guangzhao Xu 19926

Ping Jiang *see* Guangzhao Xu 38040

Ping Ju *see* Ju Ping

Ping Ko *see* Tu, R. 42983

Ping Kuo Weng, Jin-Shown Shie Micro-Pirani vacuum gauge 38475

Ping Li *see* Li Ping

Ping Liu, Bing-Zong Li, Zhen Sun, Zhi-Guang Gu, Wei-Ning Huang, Zu-Yao Zhou, Ru-Shan Ni, Cheng Lu Lin, Shi-Chang Zou, Hong, F., Rozgonyi, G.A. Epitaxial growth of CoSi$_2$ on both (111) and (100) Si substrates by multistep annealing of a ternary Co/Ti/Si system 685

Ping Liu, BingZong Li, Zuyao Zhou, Chenglu Lin, Shichang Zou Growth of epitaxial CoSi$_2$ film on Si(100) substrate induced by an interfacial Ti layer 10978

Ping Ni *see* Centro, S. 38891

Ping Shen *see* Shen Ping

Ping Wang Hong *see* Wang Hong Ping

Ping Xia, Partanen, J.P. Phase sweep method for characterization of C.W laser induced dielectric gratings 44097

Ping Yan *see* Pierce, B.L. 34329

Ping Yan *see* Yan Ping

Ping Yang *see* Machala, C.F., III 42887

Ping Yang *see* Machala, C.F., III 42968

Ping Yang *see* Mayaram, K. 26570

Ping Zhang *see* Zhen Wu 28933

Ping Zhang *see* Zhang Ping

Ping Zhao An *see* An Ping Zhao

Ping Zheng *see* Bernas, H. 10836

Ping Zhou *see* Bo Lu 45734

Ping Zhou *see* Khoo, I.C. 44058

Ping Zhu *see* Jing Xu 23705

Ping-Chen Chang, Sheng-Lyang Jang, Young-Shying Chen Degradation of bipolar junction transistors under dynamic high current stress and biased in open collector condition 28100

Ping-Chen Chang *see* Sheng-Lyang Jang 28099

Ping-Her Tsai *see* Ying-Chun Chuang 8830

Ping-Hung Lu *see* Ficner, S. 11087

Ping-Kuo Weng *see* Jin-Shown Shie 23211

Ping-Wei Wang, Huan-Ping Su, Meng-Jin Tsai, Hong, G., Ming-Shiann Feng, Huang-Chung Cheng A new portrayal of oxidation of undoped polycrystalline silicon films in a short duration 42629

Ping-Ya Zhao, Wu, C., Liva, J. Improved computational efficiency for the FDTD method 33573

Pingsheng He *see* Beifang Yang 33681

Pingxi Ma *see* Ma Pingxi

Pingyang Wang *see* Wang Pingyang

Pingzhi Liang *see* Liang Pingzhi

Pinheiro, J.R., Barbi, I. The three-level ZVS-PWM DC-to-DC converter 40318

Pini, A. A tutorial on oscilloscope probes 23767

Pini, R. *see* Franceschini, M.A. 11996

Pini Prato, A., Berra, G.L., Bolfo, S., Bianchetti, G., Giussani, M., Pucci, P., Durelli, E. Hybrid urban-cars for different environments 48415

Pinizzotto, R.F., Jacobs, E.G., Wu, Y., Sees, J.A., Foster, L.A., Pouraghabagher, C. The dependence of the activation energies of intermetallic formation on the composition of composite Sn/Pb solders 33754

Pinizzotto, R.F. *see* Namavar, F. 20558

Pink, J. Increasing confidence through certification [open systems] 37534

Pink, J.J. The 5400A Series of high performance scalar network analyser systems 38427

Pink, S. *see* Partridge, C. 22542

Pinkau, K. *see* Thompson, D.J. 7145

Pinkerton, S.D. *see* Koga, R. 33915

Pinkerton, S.D. *see* Koga, R. 34072

Pinkham, R. Combining apples and oranges. I 38336

Pinkow, J. *see* Nolden, F. 15490

Pinkowski, B. Multiscale Fourier descriptors for classifying semivowels in spectrograms 4470

Pinkowski, B. LPC spectral moments for clustering acoustic transients 4484
Pinkston, T.M., Goodman, J.W. Design of an optical reconfigurable shared-bus-hypercube interconnect 43569
Pinkvos, V., Dallmann, H. The new PreussenElektra radio transmission network in Netzbezirk Hannover 45755
Pinna, G., Maestri, R., Di Cesare, A., Colombo, R. Accuracy boundary in heart rate variability analysis from solid state ambulatory recordings 39057
Pinnich, R.G. *see* Chylek, P. 12601
Pinnow, M. *see* Sieverdes, F. 12390
Pino, A.del *see* del Pino, A.
Pino, A.G. *see* Obelleiro, F. 29246
Pino, F. *see* Lopez, C. 6525
Pino, L. *see* Giordano, N. 25667
Pinsker, M.S. *see* Ahlswede, R. 21627
Pinsker, R.I. *see* Baity, F.W. 44631
Pinsky, D.A. *see* Doiron, T. 239
Pinson, F. *see* Rebiai, M. 38283
Pinson, M.H. *see* Webster, A.A. 23297
Pintchovski, F. *see* Jawarani, D. 19648
Pintchovski, F.S. *see* Sitaram, A.R. 2110
Pintcke, T.P. The tire-to-energy experience 8167
Pinto, C., Kantardziski, P. On-line monitoring of HV stator winding insulation using PDA technology 16795
Pinto, C. *see* Cataldi, G. 31666
Pinto, F.S. *see* Matos, J.S. 6315
Pinto, G.A. *see* Caorsi, S. 22289
Pinto, H.J.C.P. *see* Martins, N. 24709
Pinto, J.F., Esterowitz, L. Suppression of spiking behavior in flashpumped 2-μm lasers 44115
Pinto, J.F., Esterowitz, L., Rosenblatt, G. Picosecond 2 μm Tm:YAG laser 20710
Pinto, J.F., Rosenblatt, G.H., Esterowitz, L., Castillo, V., Quarles, G.J. Tunable solid-state laser action in Ce^{3+}:LiSrAlF$_6$ 35720
Pinto, J.I. *see* Ferreira, M.F. 35727
Pinto, M.R. *see* Dussault, H. 34901
Pinto, M.R. *see* Kazarinov, R.F. 43909
Pinto, M.R. *see* Lifshitz, N. 19645
Pinto, M.R. *see* Lifshitz, N. 28179
Pinto, P. *see* Camon, A. 6277
Pinto, R. *see* Sarkar, B.K. 27186
Pinto, S.B. *see* Aude, J.S. 1695
Pintschovius, L. Performance of a three-axis neutron spectrometer using horizontally and vertically focussing monochromators 47003
Pinxing Lin, Shiyi Mao Non-Gaussian ARMA identification via higher order cumulant 21736
Pinxteren, H.M.Van *see* Van Pinxteren, H.M.
Pinz, A., Bartl, R. Information fusion in image understanding: Landsat classification and ocular fundus images 45174
Pinzhong Du *see* Hongfu Li 27425
Pinzhong Fan *see* Peixiang Lu 3458
Pinzhong Fan *see* Fan Pinzhong
Pio, F. *see* Papadas, C. 27595
Piolenc, M.de *see* de Piolenc, M.
Pion, J.-C. *see* Nino, F. 39354
Piotrowska, A. Ohmic contacts to GaAs: fundamentals and practice 10735
Piotrowska, A., Kaminska, E., Guziewicz, M., Kwiatkowski, S., Turos, A. Dual role of TiN reaction barrier in gold-based metallization to GaAs 27779
Piotrowska, A., Kaminska, E., Lin, X.W., Lilental-Weber, Z., Washburn, J., Weber, E., Barcz, A.J., Gierlotka, S., Kwiatkowski, S. Behaviour of dopants in gold-based metallizations to GaAs 34846
Piotrowska, A. *see* Kaminska, E. 10976
Piotrowska, A. *see* Kaminska, E. 27781
Piotrowska, A. *see* Lin, X.W. 27785
Piotrowski, J., Jozwikowska, A., Jozwikowski, K., Ciupa, R. Numerical analysis of longwavelength extracted photodiodes 28641
Piotrowski, T.T. *see* Kaminska, E. 10976
Piotrowski, T.T. *see* Sukach, G.A. 35611
Piouflc, B.le *see* le Piouflc, B.
Piovan, R. *see* Gaio, E. 17064
Piovella, N., Petrillo, V., Maroli, C., Bonifacio, R. Up-frequency conversion in a two-resonant-wave high-gain free-electron-laser amplifier 20923
Piovella, N., Petrillo, V., Maroli, C., Bonifacio, R. Up frequency conversion in a two resonant wave free electron laser 43988
Piovella, N. *see* Bonifacio, R. 43985
Piparo, G.Lo *see* Lo Piparo, G.
Piper, A. *see* Bachler, J. 46934
Piper, J.A. *see* Pask, H.M. 28709
Piper, J.E. Constrained likelihood function for a uniform array 44998
Piper, S.O. Receiver frequency resolution for range resolution in homodyne FMCW radar 46085
Pipilos, S., Tsividis, Y. RLC active filters with electronically tunable centre frequency and quality factor 42048
Pipiniene, A. *see* Pipinys, P. 43651
Pipinys, P., Pipiniene, A. Voltage dependence of brightness in thin-film electroluminescent devices 43651
Pipoz, P., Walchli, N., Beck, H., Shah, A. Transient photoconductivity response with optical bias in a-Si:H 43612
Pipoz, P. *see* Sauvain, E. 34542
Pipoz, P. *see* Shah, A. 34539
Pippenger, N. *see* Geng Lin 30259
Piprek, J., Wenzel, H., Sztefka, G. Modeling thermal effects on the light vs. current characteristic of gain-guided vertical-cavity surface-emitting lasers 43924
Pique, A. *see* Fathy, A. 1482
Pique, A. *see* Harshavardhan, K.S. 20170
Pique, A. *see* Harshavardhan, K.S. 43340
Pique, J.P. *see* Koprinkov, I.G. 20663
Piquero, G., Mejias, P.M., Martinez-Herrero, R. Sharpness changes of Gaussian beams induced by spherically aberrated lenses 44041
Piquet, H. *see* Alonso, C. 2490
Piquet, H. *see* Fezzani, D. 8584
Piquet, H. *see* Kuo-Peng, P. 17063
Pirard, A. *see* Colard, M.I. 25128
Pirard, A. *see* Colard, M.I. 39807
Pircher, C. *see* Koch, H. 8670
Pircher, C. *see* Koch, H. 32969
Pire, B. *see* Malek, F. 38936
Piredda, G. *see* Buontempo, S. 31696
Pires, C., Battista, S., Pereira, F., Salema, C. MPEG picture coding standards: an evolution towards computer image applications 23306
Pirie, E. *see* Stewart, R.W. 24219
Pirinoli, P. *see* Orefice, M. 21392
Pirio, F. *see* Lecroart, A. 23026
Pirio, F. *see* Thiennot, J. 30742
Piriou, F. *see* Bouissou, S. 8316
Piriou, F. *see* Bouissou, S. 44259
Pirjola, R., Makinen, T., Viljanen, A. A project on geomagnetically induced currents 40294
Pirker, H.P. *see* Jericha, H. 39984
Pirkul, H., Amiri, A. Routing in packet switched communication networks 45289
Pirkul, H., Narasimhan, S. Primary and secondary route selection in backbone computer networks 45528
Pirlo, G. *see* Dimauro, G. 45192
Piro, G. *see* Mangozzi, E. 48352
Piro, G. *see* Perego, C. 17355
Pirogov, E.N. *see* Burachas, S.F. 31768
Pirogov, O.V. *see* Arapov, L.N. 15283
Pirogov, V.I. *see* Inovenkov, A.N. 2394
Pirogov, Yu.A. *see* Borisov, L.A. 42137
Pirogov, Yu.A. *see* Gruzdev, V.V. 4197
Pirogova, N.D. *see* Volkov, E.A. 41624
Pirola, L. *see* Cantone, M.C. 31534
Pirola, M. *see* Ghione, G. 28215
Pirola, M. *see* Root, D.E. 2396
Pirola, M. *see* Root, D.E. 42861
Piron, D.L. *see* Chonglun Fan 17259
Pirondini, S. *see* Chiarelli, C. 16983
Pirone, C. *see* Cicchetti, R. 12688
Pirotte, P. *see* Lilien, J.L. 16392
Pirouz, P. *see* Nordell, N. 41449
Pirouz, P. *see* Powell, J.A. 1869
Pirovano, R. *see* Brambilla, M. 35917
Pirovano, R. *see* Coates, A.B. 35650
Pirozhenko, V. *see* Bondarev, B. 15523
Pirozhenko, V.K., Shabanov, N.G. Calculating the parameters of RF absorbing materials with periodic structures 27135
Pirozzi, M.A. The fast numerical solution of mildly nonlinear elliptic boundary value problems on multiprocessors 615
Pirri, C.F. *see* Demichelis, F. 27495
Pirri, C.F. *see* Leo, G. 28608
Pirri, C.F. *see* Ouwens, J.D. 26483
Pirri, E. *see* Demichelis, F. 28604
Pirrie, C.A., Roberts, C.A. Controlling the adverse effects of inverse voltage in hydrogen thyratrons 48011
Pirrone, R. *see* Ardizzone, E. 22258
Pirs, J., Marin, B., Pirs, S. Ferroelectric liquid crystal-polymer gel displays 15152
Pirs, S. *see* Pirs, J. 15152
Pirsch, P. *see* Schonfeld, J. 37021
Pirsch, P. *see* Winzker, M. 46223
Pirttiaho, L. *see* Rantala, T.S. 6630
Pisa, J. *see* Tsatsaronis, G. 39990
Pisa, J. *see* Valero, A. 39954
Pisakin, A.V. *see* Sergeyenko, N.M. 25753
Pisakin, A.V. *see* Sergeyenko, N.M. 25758
Pisano, A.P. *see* Lee, A.P. 14944
Pisano, A.P. *see* Young-Ho Cho 31198
Pisarevsky, A.I. *see* Oseledchik, Yu.S. 26398
Pisaruk, N.N. *see* Kovalev, M.M. 9869
Pischalnikov, Y. *see* Kistenev, E. 31694
Pischulova, N.M. *see* Avetisyan, D.A. 19180
Pisent, A. *see* Amendola, G. 15300
Pisent, A. *see* Cervellera, F. 15397
Pisin Chen, Clilne, D.B., Gabella, W.E. Issues regarding acceleration in crystals 6887
Pisin Chen, Klein, S. The Landau-Pomeranchuk-Migdal effect and suppression of beamstrahlung and bremsstrahlung in linear colliders 7119
Pisin Chen, McDonald, K.T. Summary of the Physics Opportunities Working Group [advanced accelerators] 6886
Pisin Chen, Palmer, R.B. Coherent pair creation as a positron source for linear colliders 7117
Piskarev, V.A. *see* Filanovsky, I.M. 18544
Piskarskas, A. *see* Banfi, G.P. 3775
Piskarskas, A. *see* Banfi, G.P. 3779
Piskarskas, A. *see* Daniclius, R. 20985
Piskorski, M. *see* Sukach, G.A. 35611
Piskorzh, V.V. Detection of a signal with a phase jump 13293
Piskoti, C., Mykolajenko, B., Vaziri, M. Study of ohmic contacts on p-type ZnSe and ZnTe epitaxial layers grown by molecular beam epitaxy 19429
Piskunov, S.V. Construction of maximally stratified electrooptical cell devices 28560
Pis'mennyi, A.Yu. *see* Danilov, V.V. 18968
Pis'mennyi, V.A. *see* Antipenko, B.M. 35747
Pismennyi, V.A. *see* Petrovskii, G.T. 20238
Pisoni, D.B. Long-term memory in speech perception: some new findings on talker variability, speaking rate and perceptual learning 4507
Pissanetzky, S. Modern numerical techniques for high precision MRI magnet design 47030
Pissolato Filho, J. *see* Maldonado Astorga, O.A. 39630
Pister, K.S.J. *see* Lin, L.Y. 43488
Pistikopoulos, E.N. *see* Ierapetritou, M.G. 17782
Pistilli, P. *see* Abbrescia, M. 7270
Pistoia, A.Del *see* Del Pistoia, A.
Pistorese, T. Outage management using small scale GIS 32400
Pistorese, T. *see* Sumic, Z. 32363
Pistoresi, D.J. *see* Quimby, D.C. 43999
Pistorio, P. Managerial and economic challenges for VLSI/ULSI 26125
Pit Koon Teo *see* Teo Pit Koon
Pita de Abreu, A., Fernandes, M.F. Automation in Portuguese transmission substations—a pragmatic approach 24679
Pitacco, G. *see* Antonelli, A. 24054
Pitacco, G. *see* Gasparini, F. 7223
Pitard, F. *see* Groussin, B. 20862
Pitas, I. Digital image processing algorithms 17657
Pitas, I., Kiniklis, P. Multichannel histogram equalization with applications in the HSI color space 22006
Pitas, I. *see* Angelopoulos, G. 9497
Pitas, I. *see* Kotropoulos, C. 21994
Pitas, I. *see* Kotropoulos, C. 39016
Pitcher, E. *see* Sherman, J. 46733
Pitcher, E.J. *see* Russell, G.J. 31540
Pitcher, E.J. *see* White, C.J. 28893
Pitcher, J.D. *see* Motter, J.W. 32756
Pitchford, G. Low cost EMC test environments 4161
Pitchford, T.L., Schuller, D.J. Laboratory dynamic deformation (warp) testing of freight car trucks 46698
Pitchumani, V. *see* Ganguly, N. 41582
Pithawa, C.K., Thangasamy, S., Chandra, U., Singhvi, P.K., Natarajan, K. A fault tolerant process control system for PHWRs 8115
Pitre, R., Davis, N.R. Ocean acoustic source localization via Bayesian inversion 23216
Pitsch, T. *see* Hymes, L. 34428
Pitsillides, A., Lambert, J. High throughput with controlled quality of service in broadband-ISDN 37585
Pitsillides, A. *see* Xiying Hu 37099
Pitt, C.W. *see* Duhlev, R. 43452
Pitt, C.W. *see* Golan, G. 32123
Pitt, E. *see* Smye, S.W. 7446
Pitt, G.D. Automated calibration equipment for machine tools 46282
Pittal, S. *see* Johns, B. 736
Pittam, J., Scherer, K.R. The encoding of affect: a review and directions for future research 13061
Pittam, J. *(editor)* Proceedings of the Fourth Australian International Conference on Speech Science and Technology 91
Pitthan, R. *see* Braun, H. 15298
Pittner, F. *see* Hawa, G. 6600
Pittner, S. *see* Schneid, J. 9493
Pittomvils, G. *see* Wevers, M. 18370
Pitton, J.W. *see* Loughlin, P.J. 13323
Pittroff, W. *see* Walachova, J. 42458
Pitts, J.M., Cuthbert, L.G. Fluid-flow theory validation of cell-rate simulation technique for ATM-based broadband networks 37060
Pitts, R.A., Martinez, R., Schooley, L.C. CSMA/CD with network partitioning 22581
Pitz, H.H. *see* Govaert, K. 31556
Pitz, V. *see* Waider, G. 8481
Pitzer, D. *see* Bruchhaus, R. 9692
Pitzl, D. *see* Ziock, H.J. 7184
Piu Chan Sai *see* Chan Sai Piu
Piuri, V. *see* Dell'Acqua, A. 7283
Piuri, V. *see* Dell'Acqua, A. 46998
Piuz, F. *see* Braem, A. 46902
Piuz, F. *see* Di Mauro, A. 46917
Piuz, F. *see* DiMauro, A. 31744
Piuz, F. *see* DiMauro, A. 46939
Pivarc, J. *see* Chugreev, V.A. 31612
Pivarc, J. *see* Efremov, A.A. 15586
Pivarc, J. *see* Efromov, A.A. 15577
Piveteau, J.-M. New signature scheme with message recovery 21514
Pivi, M. *see* De Martinis, C. 15510
Pivin, D.P. Pick the right package for your next ASIC design 33397
Pivinsky, E. *see* Fromzel, V. 20659
Pivka, L., Spany, V. Boundary surfaces and basin bifurcations in Chua's circuit 995
Pivnenko, N.R. Dominant mode scattering in a rectangular waveguide on a permeable cylindrical insert 29274
Pivovarov, I.S. *see* Lemanov, V.V. 35291

Piwinski, A. *see* Cornelis, K. 6904
Piwinski, D.J. *see* Brennan, L.E. 23188
Piwko, R.J. *see* Rostamkolai, N. 24900
Piwko, R.J. *see* Urbanek, J. 25605
Pixius, K., Schilz, J. Low-temperature electronic transport behaviour of powder-metallurgical SiGe alloys 10682
Piyaket, R. *see* Ford, J.E. 20245
Pizarroso, M. *see* Jimenez, J. 30642
Pizer, D.J. Maximum wave-power absorption of point absorbers under motion constraints 47806
Pizer, S.M. *see* Morse, B.S. 38963
Pizlo, Z. *see* Hsu, J. 24224
Pizzacaroli, J. *see* Moore, J.E. 32038
Pizzi, N.J. *see* El-Hakim, S.F. 9324
Pizzo, G.L. *see* Sabot, A. 25017
Pizzorni, P.R. *see* Yang, S.-M. 30417
Pla, J.A., Struble, W. Nonlinear model for predicting intermodulation distortion in GaAs FET RF switch devices 1537
Pla-Dalmau, A. *see* Abbott, B. 7245
Plaats, J.C.van der *see* van der Plaats, J.C.
Plach, H.J. *see* Maximus, B. 11693
Plachta, B. *see* Demenko, A. 47885
Pladellorens, J., Serrat, J., Castell, A., Yzuel, M.J. Using mathematical morphology to determine left ventricular contours 31873
Pladellorens, J., Yzuel, M.J., Castell, J., Serrat, J. Automatic evaluation of the left ventricular volume. Comparison with experts 31849
Plaessmann, H., Yamada, K.S., Rich, C.E., Grossman, W.M. Subnanosecond pulse generation from diode-pumped acousto-optically *Q*-switched solid-state lasers 20695
Plagemann, S. A service management architecture of IBC enterprises 14025
Plagemann, S. Impact of open network provisioning (ONP) on TMN 37301
Plagemann, T., Plattner, B. X.500 for non-technical users 14138
Plais, F. *see* Agius, B. 18276
Plais, F. *see* Stroh, R.J. 34952
Plakhotny, V.P. *see* Svechnikov, S.V. 42553
Plamondon, R. *see* Brault, J.-J. 4793
Plana, J.M. *see* Aguasca, A. 23161
Plana, R. *see* Amine, H. 27297
Plana, R. *see* Dienot, J.-M. 34914
Planas, R. *see* Casas, S. 45232
Planchat, J.P. *see* Chenebault, P. 17172
Plancherel, A. Combined cycle plants—the energy production system for our time 8208
Planinc, A., Jezernik, K. A modified sliding observer for robust estimation of rotor magnetizing current of AC IM drive 17447
Planinsic, P., Mohorko, J., Cucej, Z., Donlagic, D., Filip, P. Image compression based on the discrete wavelet transform 36959
Planinsic, P. *see* Mohorko, J. 36915
Plank, L.D. *see* Mitra, S. 31875
Planken, P.C.M., Nuss, M.C., Brener, I., Goossen, K.W., Luo, M.S.C., Shun Lien Chuang Optical generation of terahertz pulses in quantum wells 19388
Plano, M.A. *see* Schauer, S.N. 33739
Plano, R. *see* Abe, K. 7260
Plano, R. *see* Abe, K. 15619
Plano, R. *see* Abe, K. 46930
Plansky, H. Variable block-size vector quantization in the transform domain 13805
Plant, D.V. *see* Fetterman, H.R. 27247
Plant, T. *see* Parsons, J.D. 728
Plant, T.A. *see* Morris, M.E. 5520
Plante, L.M. *see* Waldorf, A.J. 11804
Plantic, K. *see* Petricec, M. 25249
Plantie, L. Tridimensional wavelet designed for the filtering of oblong structures 4610
Plapp, N. A vapor phase solution for curing conductive epoxy adhesives 33345
Plas, P.A.van der *see* van der Plas, P.A.
Plaskonos, P. *see* Pakzad, S. 11289
Plastinin, N.B. *see* Nikolaev, V.A. 38876
Plat, M. *see* Conley, W. 42816
Plat, M. *see* Lyons, C. 2365
Plateau, B. *see* Touzene, A. 9454
Platek, T. Analysis, optimization and properties of an electrical drive with a slip-ring motor with stator and rotor windings in series 17444
Platen, K.T.Kohlmann-von *see* Kohlmann-von Platen, K.T.
Platfoot, A. Performance support for existing experts [electricity supply industry] 32240
Plato, J.G. *see* Nguyen, D.C. 43972
Platonov, K.Yu. *see* Andreev, A.A. 28890
Platonov, N.I. Analysis of circular waveguide with infinitely thin combs 4209
Platonov, N.I. *see* Orlov, A.G. 37959
Platonov, N.S. *see* Ryabushkin, O.A. 3341
Platonov, V.G. *see* Batalov, A.A. 46920
Platonov, Yu. *see* Shmaenok, L. 28026
Platonov, Yu.Ya. *see* Louis, E. 26510
Platonova, E.V., Taranukhin, V.D. Dynamics of amplification and limiting parameters of high-power ultrashort radiation pulses in gas-discharge amplifiers 11952
Platt, C.E. *see* Gao, F. 2881
Platt, D., Geetha, S. Improved axial flux servo motor with sixteen poles 40273
Platt, I.G., Dyson, P.L. Tunneling modes in ionospheric waveguides 21247
Platt, J.B. *see* Torrens, I.M. 39926
Platte, H.-J. *see* Schroeder, E.F. 14822
Plattner, A. 60 GHz mobile communications, propagation and technology requirements 30650
Plattner, A., Prediger, N., Herzig, W. Indoor and outdoor propagation measurements at 5 and 60 GHz for radio LAN application 4113
Plattner, B. *see* Plagemann, T. 14138
Platzker, A., Struble, W., Hetzler, K.T. Instabilities diagnosis and the role of *K* in microwave circuits 1637
Platzker, A. *see* Goldfarb, M.E. 34276
Platzker, A. *see* Huang, J.C. 1566
Plavinskii, G.A. *see* Astashonok, G.N. 8983
Player, M.A. *see* Smith, P.F. 6810
Playez, E. *see* Theron, D. 19911
Plaza, J.de la *see* de la Plaza, J.
Plazaola, F. *see* Gorria, P. 43282
Pleck, M.H. Visual literacy—an important aspect of engineering design 234
Pledge, J.G.W. The application of speech coding to AUDETEL services for visually impaired people 31990
Pledge, J.G.W. The AUDETEL audio description service for visually impaired people 38219
Pleibel, W. *see* Islam, M.N. 12352
Pleibel, W. *see* Krol, D.M. 3770
Pleinevaux, P. *see* Decotignie, J.-D. 22505
Plekhanov, A.V. *see* Novikov, V.A. 25342
Plekhanov, A.V. *see* Novikov, V.A. 25761
Plekhanov, A.V. *see* Zheleznyi, V.B. 21185
Plekin, V.Ya., Krevetskii, A.V. Detection of group point objects with known shape of associated continuous image 4877
Plekin, V.Ya., Krevetskii, A.V. Detection of group point objects with random parameters 23136
Plenet, J.C. *see* Othmani, A. 632
Plenzler, G. *see* Frackowiak, L. 8594
Plenzler, G. *see* Mitkowski, E. 25842
Plesea, L.I. *see* Pasca, S.S.G. 23501
Pleshanov, Yu.V., Fratini, T.A. Coherent reception of an optical signal in laser surveillance radar systems 14713
Pleshanov, Yu.V., Samoilov, V.D., Fratini, T.A. Detectivity of pulsed optical radars in the presence of backscattering noise 14716
Pleshanov, Y.V. *see* Khaitun, F.I. 14715
Plesko, M. *see* Bocchetta, C.J. 7100
Plesko, M. *see* Einfeld, D. 6979
Plesniak, W.J. *see* Klug, M.A. 36047
Plesniak, W.J. *see* St-Hilaire, P. 29053
Pless, D.E., Starheim, G.J. Application of an advanced power system in the Tampa Electric Polk Power IGCC Project 40025
Pless, V. *see* Kennedy, G.T. 29463
Plessier, B., Hachtel, G., Somenzi, F. Extended BDDs: trading off canonicity for structure in verification algorithms 33993
Plessis, M.du *see* du Plessis, M.
Plessis, P.du *see* du Plessis, P.
Plessky, V.P., Thorvaldsson, T. Rayleigh waves and leaky SAW in periodic systems of electrodes: Periodic Green's function analysis 11439
Pletl, J., Zou, F., Nossek, J.A. A circuit for real-time horseshoe visualization 26657
Pletneva, N.I. *see* Vladimirov, F.L. 3223
Pletschen, W., Bachem, K.H., Tasker, P.J., Winkler, K. AlGaInP/GaInAs/GaAs MODFET devices: candidates for optoelectronic integrated circuits 11897
Pletschen, W., Kachem, K.H., Lauterbach, T. A novel GaAs bipolar transistor structure with GaInP-hole injection blocking barrier 2457
Plettner, T. *see* Lorenzon, W. 46874
Plichczewski, Z. The limiting error of an digital measurer of the hysteresis and eddy-current losses 6723
Plichta, J. *see* Krasa, J. 38849
Plink, O. *see* Bondarev, B. 15523
Plis, A.I. *see* Kolechitskii, Ye.S. 36096
Plis, A.I. *see* Kolechitsky, E.S. 21167
Plis, V.I. *see* Kolechitskii, Ye.S. 36096
Plis, V.I. *see* Kolechitsky, E.S. 21167
Plischke, P. *see* Dodd, A.C. 7229
Pliska, P., Lukosz, W. Electrostatically actuated integrated optical nanomechanical devices 3154
Pliszka, P., Banerjee, P.P. Propagational model of second/sub harmonic generation in a ring cavity 3824
Pliszka, P. *see* Chen-Wen Tarn 20440
Plitz, I.M. *see* Frantz, R.A. 2980
Plitz, I.M. *see* Frantz, R.A. 5923
Plocharski, J. *see* Borkowska, R. 8735
Plodereder, U. *see* Dahinten, T. 3870
Ploeg, E.Ver *see* Ver Ploeg, E.
Ploessl, R., Chapman, J.N., van Kesteren, H.W., Hoffmann, H. Micromagnetic structure of domains in Co/Pt multilayers. II. Investigations of domain structures in written marks 20157
Plohinsky, Yu.V. *see* Dudnikov, V.G. 46819
Plokhinski, Yu.V. *see* Belov, A.S. 31627
Plokhoi, V.V., Kandiev, Ya.Z., Volegov, P.L., Bat'kaev, D.D., Plotnikov, A.G. Monte-Carlo simulation of the sensitivity of ionization detectors used in tomography 7213
Plombon, J. *see* Kilcoyne, M.K. 33366
Plomp, R. *see* Festen, J.M. 24359
Plona, T.J. *see* D'Angelo, R. 16057
Plonka, G. Periodic spline interpolation with shifted nodes 33509
Plonka, G. Optimal shift parameters for periodic spline interpolation 41125
Plonka, L. *see* Mrozek, A. 45146
Plonsey, R. *see* Henneberg, K.-A. 15866
Ploog, K. *see* Bever, T. 19509
Ploog, K. *see* Daweritz, L. 26456
Ploog, K. *see* De Vries, D.K. 42657
Ploog, K. *see* de Vries, D.K. 42792
Ploog, K. *see* Friedland, K.-J. 42481
Ploog, K. *see* Haug, R.J. 43030
Ploog, K. *see* Hirayama, Y. 10700
Ploog, K. *see* Meurer, B. 14957
Ploog, K. *see* Muller, W. 10727
Ploog, K. *see* Stoddart, S.T. 42510
Ploog, K. *see* Wagner, J. 42628
Ploog, K.-H. *see* Ilg, M. 9656
Ploog, K.H., Tournie, E. Surfactant-mediated MBE of strained-layer III-V semiconductor heterostructures 18140
Ploog, K.H. *see* Tournie, E. 41324
Ploog, K.H. *see* Tournie, E. 43939
Ploska, K. *see* Jonsson, J. 41360
Plossu, C. *see* Autran, J.-L. 11210
Plossu, C. *see* Autran, J.L. 1962
Plossu, C. *see* Djahli, F. 42962
Plotkin, D.A. *see* Suvorov, A.V. 11879
Plotkin, M.A. *see* Zingerenko, Ya.A. 14609
Plotkin, N. *see* Low, S. 30516
Plotkin, N.T., Varaiya, P.P. Performance analysis of parallel ATM connections for gigabit speed applications 5543
Plotkin, R.C. The digital compression facility—a solution to today's compression needs 44845
Plotkina, N.W. *see* Dedyk, A.I. 34290
Plotnick, M. *see* Augenbraun, J. 30153
Plotnik, E. *see* Bar-David, I. 37082
Plotnikov, A.G. *see* Plokhoi, V.V. 7213
Plotnikov, S.N. *see* Sobenin, N.P. 7079
Plotnikov, S.N. *see* Sobenin, N.P. 15323
Plotnikov, S.N. *see* Sobenin, N.P. 15489
Plotnikov, V.K. *see* Martynov, S.V. 7135
Plotnikova, L.A. *see* Kolyadin, N.M. 25853
Plotnikova, T.P. *see* Voskovtsova, L.M. 12452
Plott, C. EM design tool extends power of circuit simulators 9905
Plott, M. *see* Doiron, T. 239
Plouchart, J.O., Wang, H., Riet, M. HBT monolithic integrated phase locked oscillator for DCS 1800 mobile communications 27273
Plouchart, J.O., Wang, H., Riet, M., Berdaguer, P. Very compact wideband HBT MMIC VCO with two-output buffer amplifier 42216
Plouchart, J.O. *see* Wang, H. 2447
Plouviez, E., Loyer, F. ESRF synchrotron injector tune measurement system 7083
Plowes, J. *see* Cairns, G. 35648
Plowes, J.A. *see* Holden, P.B. 28691
Plowman, R.J. EMC testing and compliance of distributed systems 36275
Plum, C.P. *see* Marzetta, T.L. 23202
Plum, H.-D. *see* Ehrlichmann, D. 3460
Plum, H.-D. *see* Ehrlichmann, D. 20944
Plum, H.D. *see* Habich, U. 11966
Plum, M.M. *see* Dearien, J.A. 25892
Plumhoff, P.A. Examination of current transformers for power system protective installations 8002
Plummer, D. *see* Hager, G.D. 12005
Plummer, D.N. *see* Crowell, P.G. 28716
Plummer, J. *see* Ver Ploeg, E. 19865
Plummer, J.D. *see* Croke, E.T. 9586
Plummer, J.D. *see* Dutton, R.W. 2408
Plummer, J.D. *see* Faheem Akram, M. 19826
Plummer, J.D. *see* Griffin, P.B. 34684
Plummer, J.D. *see* Kenney, C.J. 46973
Plummer, J.D. *see* Pein, H. 18722
Plunkett, T.F. Controlling Turkey Point nuclear plant operations & maintenance costs 8057
Plunkett, T.R., McDearman, J.R., Marlow, D.T. An evaluation of three multicast routing algorithms 45376
Plut, T.A. *see* Ginley, D.S. 2864
Plut, T.A. *see* Martens, J.S. 28414
Plut, T.A. *see* Martens, J.S. 41855
Pluzhnikov, A.D. Space orthogonalization of signal and clutter at a high azimuthal scanning velocity 12622
Plyashkevich, I.N., Zhil'tsova, I.L., Rymar', O.V. Simulation of a magnetic cumulative generator with transformer energy output 40348
Plyashkevich, L.N., Zhil'tsova, I.L., Rymar', O.V. Modelling a magneto-cumulative generator with transformer power tap 17033
Plyatsko, S.V., Gromovoi, Yu.S., Kadyshev, S.K., Klimov, A.A. Conversion of intrinsic and extrinsic defects by laser light in lead selenide and its solid solutions 42450
Plys, M.G. *see* Prior, R.P. 39882
Po, L., Sarachik, P., Panwar, S. A delay model for a frame relay switch 13858
Po, L.-M., Tan, W.-T. Block address predictive colour quantisation image compression 29877
Po Wen Yen *see* Huang Chung Cheng 2117
Po Wong Kit *see* Kit Po Wong
Po-Chiang Lu *see* Ji-Chyun Liu 34260
Po-Chiang Lu *see* Ji-Chyun Liu 36146
Po-Chou Lin *see* Chung-Ju Chang 30169
Po-Chou Lin *see* Chung-Ju Chang 37605
Po-Ning Chen, Papamarcou, A. New asymptotic results in parallel distributed detection 44850

Po-Rong Chang, Tai, C.C., Lin, C.C. Color correction techniques for HDTV systems 31002
Po-Sheng Chang, Brock, J.R., Trachtenberg, I. Aerosol jet cleaning of silicon wafer surfaces 34741
Poarch, S. *see* Dixit, G.A. 19656
Poate, J.M., Jacobson, D.C., Eaglesham, D.J. Trends in ion implantation for semiconductor and optical materials research 10829
Poate, J.M. *see* Benton, J.L. 10842
Poate, J.M. *see* Colfa, S. 10931
Poate, J.M. *see* Gossmann, H.-J. 19507
Poate, J.M. *see* Gossmann, H.-J. 19529
Poate, J.M. *see* Jacobson, D.C. 34750
Poate, J.M. *see* Michel, J. 43654
Poate, J.M. *see* Ren, F.Y.G. 11868
Poate, J.M. *see* Ren, F.Y.G. 20584
Pobedonostev, A.S., Gelvich, E.A., Lopin, M.I., Alexeyenko, A.M., Negirev, A.A., Sazonov, B.V. Multiple-beam microwave tubes 1796
Pobedonostev, A.S. *see* Lopin, M.I. 1795
Poberezhskii, E.S. Method of optimizing digital functional converters 13188
Poberezhskiy, E.S., Sokolovskiy, M.N. The effect of fifth-order intermodulation interference on reception noise immunity in the decameter band 36249
Poberezhskiy, E.S., Zarubinskiy, M.V., Panov, Yu.V. Measurement of the characteristics of the sampling and quantization unit of a digital radio receiver 37698
Pobl, M., Claassen, M., Freyer, J. A self-mixing TUNNETT-diode-oscillator 10464
Poch, C. *see* v. Edel, G. 7156
Poch, M. *see* de Gracia, J. 6430
Pochec, P. *see* Turner, C. 13744
Pochernyaev, V.N. Connection of a coaxial transmission line to a partially filled rectangular waveguide 21367
Pochernyaev, V.N., Skrypnik, L.V. Wave numbers of partially filled rectangular waveguide 12658
Pochi Yeh *see* Gu, C. 28570
Pochi Yeh *see* He, Q.B. 35983
Pochi Yeh *see* Shaomin Zhou 43577
Pocholle, J.-P. *see* Raffy, J. 44065
Pocholle, J.P. *see* Feugnet, G. 20750
Pochrybniak, C. *see* Piekoszewski, J. 48115
Pockberger, H. *see* Rappelsberger, P. 31939
Pocsik, I. *see* Toth, L. 10651
Pocsik, I. *see* Vazsonyi, E.B. 34773
Podchishchaeva, O.V. *see* Galina, T.M. 10851
Poddubniy, V.N. *see* Ovcharenko, L.A. 14404
Poddubnyi, V.N. *see* Gordei, V.V. 12820
Podell, A.F. *see* Taylor, S. 30659
Podemski, A. Methods of measuring the group delay characteristics of television channels 23267
Podesta, L. *see* Anagni, F. 17104
Podgorski, A.S. Precursor of an ultra-wideband radar system 46083
Podgorski, J. *see* Decreton, M. 2450
Podgorski, J. *see* Thompson, C. 39626
Podhorodeski, R. *see* Helai Yao 22237
Podhradsky, P. An algorithm for synthesis of electrical systems based on the optimization method 934
Podhradsky, P., Rozinaj, G., Medvecky, M. Application of field programmable gate arrays in digital signal processing 26901
Podkopayeva, I.L. *see* Bukharin, S.V. 13194
Podkovalnikov, S.V. Decision making analysis in the energy sector under market conditions. Formation of a new paradigm 47388
Podladchikova , L.N. *see* Rybak, I.A. 22077
Podlaha, E.J., Cheh, H.Y. Modeling of cylindrical alkaline cells. V. High discharge rates 25632
Podlaha, E.J., Cheh, H.Y. Modeling of cylindrical alkaline cells 25633
Podlasiak, P. *see* Zawieska, D. 23699
Podlasiak, P. *see* Zawieska, D. 24213
Podlesnik, D. *see* Chen, L. 10959
Podnos, E.H. *see* Sher, D.B. 36804
Podnos, V.A. *see* Gubarev, A.A. 32095
Podolak, T., Colombo, G. 2nd generation of millimetre-wave point-to-point digital systems 14447
Podoleanu, A.Gh. *see* Pasca, S.S.G. 23501
Podolski, J., Loewenstein, M. Airborne tunable diode laser spectrometer for trace-gas measurement in the lower stratosphere 7603
Podol'tsev, A.D., Kucheryavaya, I.N. Numerical modelling of the movement of liquid metal in the pulse magnetic field of a cylindrical inductor 29085
Podol'tsev, A.D. *see* Shcherba, A.A. 33164
Podolyak, E.R. *see* Lugansky, L.B. 2919
Podorova, E.E. *see* Gaponenko, S.V. 3793
Podroobny, O.V. Fault-tolerant array processor for parallel image processing 36853
Podsosonnyi, A.S. *see* Petrukhin, E.A. 28742
Podstavkov, V.M. *see* Buzulutskov, F. 24056
Podturkin, V.V. *see* Byaliy, L.I. 12783
Podurovskii, S.V. *see* Drobyshev, G.Yu. 15687
Podurovskii, S.V. *see* Shul'gin, B.V. 46882
Pod'yachev, V.N. *see* Muminov, R.A. 46948
Poehler, T.O. *see* Wickenden, A.E. 33661
Poehlman, W.F.S. *see* Lind, P.C. 38770
Poel, C.J.van der *see* van der Poel, C.J.
Poelker, M., Coulter, K.P., Holt, R.J., Jones, C.E., Kowalczyk, R.S., Young, L., Toporkov, D. A laser-driven source of spin polarized atomic hydrogen and deuterium 31631
Poelker, M. *see* Jones, C.E. 31632
Poelman, D., Vercaemst, R., Van Meirhaeghe, R.L., Laflere, W.H., Cardon, F. Effect of moisture on performance of SrS:Ce thin film electroluminescent devices 3346
Poenaru, S. *see* Popescu, M. 32954
Poeppel, R. *see* Birkhahn, R. 11524
Poeppelmeier, K.R. *see* Fulin Xiong 21023
Poezd, A.D. *see* Markov, B.A. 1780
Pogadaev, V.G. *see* Zhuravlev, K.S. 33623
Pogany, D., Ababou, S., Guillot, G. Burst noise in forward current of lattice-mismatched InP/InGaAs/InP photodetectors 15019
Pogany, T. On the aliasing error upper bound for homogeneous random fields 13236
Pogatski, P. *see* Becks, T. 42230
Pogatzki, P., Kramer, O. A coplanar element library for the accurate CAD of (M) MICs 27308
Pogemiller, J.E. *see* Busta, H.H. 23560
Poggi, A., Susi, E., Butturi, M.A., Carotta, M.C. Rapid thermal annealing of p-type silicon. Correlation between deep-level transient spectroscopy and lifetime measurements 42390
Poggi, G. Address-predictive vector quantization of images by topology-preserving codebook ordering 4804
Poggi, M. *see* Bellato, M. 7096
Poggi, M. *see* Fortuna, G. 6906
Poggio, A.J. *see* Zacharias, R.A. 39293
Poggio, T. *see* Brunelli, R. 13556
Poggio, T. *see* Brunelli, R. 21944
Poggioli, L. *see* Amorim, A. 31688
Poggiolini, P., Benedetto, S. Performance analysis of multiple subcarrier encoding of packet headers in quasi-all-optical WDM networks 38083
Poggiolini, P.T. *see* Chlamtac, I. 30393
Poggiolini, P.T. *see* Chlamtac, I. 30857
Poggiolini, P.T. *see* Kazovsky, L.G. 5485
Poggiolini, P.T. *see* Kazovsky, L.G. 5563
Pogodaev, G.N. *see* Anan'ev, V.D. 47677
Pogorelsky, I. Laser diagnostics for picosecond e-beams 6958
Pogorelsky, Yu.V. *see* Chaly, V.P. 43877
Pogorel'tsev, Yu.N. *see* Blatov, V.V. 12827
Pogorzelski, R.J. Improved computational efficiency via near-field localization 21211
Pogossian, S.P., Le Gall, H. A quick method to determine two-mode step-index waveguide parameters 4226
Pogosyan, A.A. *see* Tsitseroshin, M.N. 7417
Pogosyan, G. *see* Budagov, J. 46955
Pogrebnyak, A.P., Abdrafikov, S.N. The development and production of high quality quartz material for precision crystals 20070
Poguntke, K.R., Soole, J.B.D. Design of a multistripe array grating integrated cavity (MAGIC) laser 43868
Poguntke, K.R., Soole, J.B.D., LeBlanc, H.P., Andreadakis, N.C., Grabbe, S., Bhat, R., Caneau, C., Koza, M.A. High-performance InP reflection-grating wavelength multiplexer 46014
Poh, S. *see* Baz, A. 31185
Poh Ng Boon *see* Boon Poh Ng
Pohl, L. *see* Konig, F. 9515
Pohl, W. *see* Dewald, N. 16197
Pohl, Z., Stankiewics, J. The applications of plastics in high voltage overhead insulators 47550
Pohl, Z. *see* Wankowicz, J.G. 16400
Pohland, N.-P. *see* Freier, B.E. 9910
Pohlenz, M.H. Taguchi experiment to design for low cost, high reliability surface mounted components 27353
Pohlmann, H. *see* Hartmann, D. 32456
Pohlmann, H. *see* Marthen, W. 24988
Pohlmann, U. *see* Kuck, S. 35714
Pohlmann, W., Schlag, E., Koffers, K., Wedding, B., Albers, J. 10 Gbit/s silicon bipolar optical receiver and regenerator 14635
Pohls, A., Busch, R. Post-processor for CAD generation of printed circuit artwork 34338
Pohm, A.V. *see* Ranmuthu, K.T.M. 43295
Poignant, H. *see* Allain, J.Y. 3545
Poignant, H. *see* Allain, J.Y. 3548
Poignant, H. *see* Ibrahim, H. 3533
Poignant, H. *see* Ibrahim, H. 3547
Poignant, H. *see* Lambard, J. 3010
Poindexter, E.H. *see* Gerrardi, G.J. 10884
Point, N. *see* Vande Wouwer, A. 17612
Pointon, C.T., Carrasco, R.A. A transputer processing system interface for the evaluation of digital signal processing algorithms 36711
Poirier, F., Heudin, J.C., Belleville, M., Jaffard, C. A high performance RISC microprocessor 34119
Poirier, K. A basic approach to cable TV system design 38323
Poirier, P., Hanson, F. Intracavity frequency doubling of a 2.5-kHz pulsed Ti:Al_2O_3 laser 20679
Poirier, R.J. *see* Vaahedi, E. 24721
Poitier, A., Marusa, W.J., Jr. Image processing, a new diagnostic tool 46291
Poittevin, J. *see* Aubin, J. 25519
Pojidaev, V. *see* Ferrando, A. 15617
Pok-Kai Liao *see* Vydyanath, H.R. 10791
Pokala, R.P., Feretich, R.A., McGuffin, R.W. Physical synthesis for performance optimization 18649
Pokhil'ko, S.N. *see* Gubarev, A.A. 32095
Pokhsraryan, K.M. *see* Petrosyan, K.B. 28751
Poklacki, E. *see* Bishop, T. 2982
Poklacki, E.S. *see* Chawla, C.P. 2993
Pokojski, M. *see* Kramer, K. 32804
Pokora, L., Ujda, Z. XeCl theoretical model for computer controlled excimer laser 3440
Pokotilo, V.G. Optimal experimental designs in minimax estimation problems. II 570
Pokotilo, V.G. Optimal experimental designs in minimax estimation problems. I 9431
Pokrant, H. *see* Brown, R.J. 32103
Pokrovskii, M.Yu., Babak, L.I. A transistor unit with 0-3 GHz pass band for ultrawide-band and high-speed pulse amplifiers 1558
Pokrovskii, V.P. *see* Kornev, A.F. 36091
Pokrovskiy, V.P. *see* Mak, A.A. 28936
Pol, M.de *see* de Pol, M.
Polack, J.D., Meynial, X., Grillon, V. Auralization in scale models: processing of impulse response 13208
Poladian, L. Models of the growth dynamics of holographically written Bragg gratings 36060
Poladian, L. *see* Eggleton, B. 38019
Polakos, P. *see* Drabeck, L. 18537
Polakos, P. *see* Drabeck, L. 26746
Polakova, S. *see* Lezal, D. 3011
Polanco, S., Behera, A.K. Shelf like of electronic/electrical devices 17805
Poland, S.H., May, R.G., Murphy, K.A., Claus, R.O., Tran, T.A., Miller, M.S. Methods for integrating optical fibers with advanced aerospace materials 3071
Poland, W.B. *see* Johnson, E.R. 32767
Polanski, A. *see* Barashenkov, V.S. 15613
Polasek, M.J. *see* Cooper, J.H. 32427
Polavarapu, P.L. *see* McKinley, J.T. 44082
Polcari, M. *see* Mii, Y. 43122
Polcari, M. *see* Rishton, S.A. 28164
Polce, N.A. *see* Schattenburg, M.L. 27978
Polchlopek, H.M. *see* Noonan, J.P. 13228
Polczynski, M. *see* Moldovan, P. 48318
Pole-Shang Lin, Ruey-Kuen Perng, To-Sing Li, Pao-Chu Chen, Yun-Huei Ju Fuzzy rectangle-based grid generation and its application to SUPREM-4 grid reconstruction 19497
Pole-Shang Lin *see* Jyh-Chyurn Guo 19837
Pole-Shang Lin *see* Jyh-Ren Wang 20005
Poler, J.C., Irene, E.A. Pump-probe charge integrating investigation of trap emission kinetics in ultrathin MOS capacitors 19446
Poler, J.C., Irene, E.A. Investigation of trap emission kinetics in metal-oxide-semiconductor capacitors using a pump-probe charge integrating technique 34636
Poler, J.C., McKay, K.K., Irene, E.A. Characterization of the Si/SiO_2 interface morphology from quantum oscillations in Fowler-Nordheim tunneling currents 42564
Poler, J.C., McKay, K.K., Irene, E.A. Microroughness at the Si/SiO_2 interface from pre-oxidation annealing, measured using quantum oscillations in Fowler-Nordheim tunneling currents 42573
Polese, P. *see* Lemonche, P. 22652
Polese, P. *see* Maggi, W. 5608
Polesello, G. *see* Ambrosini, G. 38419
Polesello, G. *see* Ambrosini, G. 38898
Poleshchuk, A.G. *see* Mednikarov, B. 28576
Polesskii, V.P. Lower bounds of connectedness probability for some classes of random graphs 30163
Polesskii, V.P. Bounds of two-terminal network reliability and base spectrum of network graph 45270
Poletaev, E.D. *see* Dyachenko, P.P. 20641
Poletaev, N.K. *see* Kanskaya, L.M. 38486
Poletaeva, A.I., Flegontov, Yu.A. Light propagation in a system of nonlinear planar dielectric lightguides 4198
Poleti, D. *see* Karanovic, L. 27324
Poleti, D. *see* Milosavljevic, Z. 885
Poletto, F. *see* Palmieri, V. 15512
Polezhaev, V.I. *see* Koryabin, A.V. 28771
Polezhaev, V.I. *see* Vorontsov, M.A. 3757
Poli, M. *see* Bertin, A. 31795
Poli, M.De *see* De Poli, M.
Poliac, G.I. *see* Budai, D. 7426
Poliakov, V.A. *see* Auslender, V.L. 6910
Policarpo, A. *see* Fraga, F. 15654
Policarpo, A.J.P.L. *see* Fraga, M.M. 15655
Polichronakis, I.P., Kouris, S.S. Higher order modes in suspended substrate microstrip lines 21341
Polifko, D., Matsui, K., Ogawa, H. Design and on-wafer testing of millimeter-wave external optical modulators 1441
Polifko, D. *see* Kitazawa, T. 3176
Polifko, D. *see* Ogawa, H. 5910
Polikovsky, M.V. *see* Gorshkov, Yu.A. 25817
Polinder, H., Hofmeester, N.H.M., Offringa, L.J.J., Deleroi, W. Cycloconverter for high speed permanent magnet generator units 16760
Polinder, H. *see* Hofmeester, N.H.M. 16768
Polinski, P.W. *see* Brown, R.L. 9256
Polis, M.P. *see* Liu, G. 9953
Polischuk, O.V. *see* Matov, O.R. 3104

Polishuk, P. *see* Galkin, S. *(editor)* 17735
Politi, M. *see* Macchiarella, G. 27170
Politi, R. *see* Gulloch, W. 5734
Politis, D.N. Nonparametric maximum entropy 21478
Politov, V.Y., Lykov, V.A., Shinkarev, M.K. Kinetics code for the photopumping and recombination X-ray laser schemes simulation 3457
Polityko, S.I. *see* Ginzburg, I.F. 15573
Polivanov, V.I. *see* Gostev, V.V. 8365
Polivka, W.M. Resolution of an averaging paradox in the analysis of switched-mode DC-DC converters 41650
Poljak, S., Rendl, F. Node and edge relaxations of the max-cut problem 41091
Poljakov, V.A. *see* Sergeyenko, N.M. 25753
Polla, D. *see* Choi, J.R. 23561
Polla, D.L., Ye, C., Schiller, P., Tamagawa, T., Robbins, W.P., Glumac, D., Hsueh, C.-C. Applications of PZT and related thin films in piezoelectric microsensors 11410
Polla, D.L. *see* Baude, P.F. 11634
Polla, D.L. *see* Baude, P.F. 28310
Polla, D.L. *see* Hsueh, C.-C. 35135
Polla, D.L. *see* Riza, N.A. 5683
Polla, D.L. *see* Ye, C. 11447
Pollacco, E. *see* De Filippo, E. 46876
Pollack, F.J. *see* Young, I. 27004
Pollack, G.H. *see* Fearn, L.A. 31889
Pollak, F.H., Shen, H. Modulation spectroscopy of semiconductors: bulk/thin film, microstructures, surfaces/interfaces and devices 1821
Pollak, F.H. *see* Yin, Y. 2573
Pollak, R. *see* Nakhamkin, M. 33080
Pollak, R. *see* Nakhamkin, M. 33082
Pollak, R. *see* Schainker, R.B. 33078
Pollakowski, M., Ermert, H., von Bernus, L., Schmeidl, T. The optimum bandwidth of chirp signals in ultrasonic applications 7655
Pollard, D.J. Modularisation of first degree courses in the United Kingdom: threat to standards or opportunity for improvement? 9163
Pollard, J.K. *see* Anand, V. 41569
Pollard, J.K. *see* Andreu, O. 5795
Pollard, R. *see* Blackham, D. 6758
Pollard, R. *see* Wang, Y.-F. 823
Pollard, R.D. *see* Millington, G. 27209
Pollard, R.D. *see* Walden, M.C. 45765
Pollard, R.D. *see* Walters, P.C. 1545
Pollard, S., Porrill, J. Recognising complex industrial parts using stereo scene descriptions 13730
Pollard, T. *see* Brotherton, T. 14733
Pollard, T. *see* Brotherton, T. 15957
Pollard, T. *see* Marple, L. 21893
Pollard, W.P. *see* Cash, C.R. 475
Pollastri, F. Projection center calibration by motion 22130
Pollentier, I. *see* Morf, T. 35618
Pollet, D. *see* van Sas, J. 41775
Pollet, T., van Bladel, M., Moeneclaey, M. The effect of carrier frequency offset and phase noise on the BER performance of OFDM signals 36494
Polli, R. *see* Piloni, M. 27301
Pollini, G.P., Haas, Z.J. E-BAMA vs. RAMA [multiple access protocols] 45819
Pollock, C. *see* Lee, P.W. 40519
Pollock, C. *see* Michaelides, A.M. 8339
Pollock, C. *see* Wu, C.Y. 8814
Pollock, C.R. *see* Carrig, T.J. 43757
Pollock, C.R. *see* Nathel, H. 20702
Pollock, C.R. *see* Sennaroglu, A. 43781
Pollock, E.L., London, R.A. Absence of Dicke narrowing in X-ray laser plasmas? 11915
Pollock, M. Orbiting tools for cutting, cleaning and welding CANDU reactor components 16563
Pollock, R.E. *see* Ross, M.A. 31615
Polman, A. *see* Custer, J.S. 9591
Polman, A. *see* Custer, J.S. 18231
Polman, A. *see* Custer, J.S. 41272
Polman, H.L.A., Fokkens, K. Autoclave tests of 64 K and 256 K SRAMS 1218
Polo, A. *see* Santamaria, A. 37432
Polo Filisan, A. *see* Simonetti, R. 31025
Poloiko, I.G. *see* Kalashnikov, V.L. 43805
Polok, G. *see* Adam, W. 7259
Polok, G. *see* Adam, W. 31715
Polok, G. *see* Adam, W. 46929
Polonen, J. *see* Gronroos, M. 21676
Poloni, C. *see* Walker, R.P. 7111
Poloniecki, J. *see* Malik, M. 15852
Polonsky, L. *see* Park, C.O. 35647
Polonsky, S.V., Semenov, V.K., Kirichenko, A.F. Single flux, quantum B flip-flop and its possible applications 41862
Poloskin, D.S. *see* Sobolev, N.A. 42625
Poloujadoff, M., Amine Es-Sbai, Z. A state variables method for the optimization of electrical machines. Application to the acceleration of an inertia 40196
Poloujadoff, M. *see* Lucidarme, J. 25399
Poloujadoff, M. *see* Quichaud, G. 16889
Polozec, X.Le *see* Le Polozec, X.
Polozkov, N.M. *see* Bogodaev, N.V. 21038
Polozkov, N.N. *see* Bogodaev, N.V. 21052
Pols, E.K.H.van der *see* van der Pols, E.K.H.
Pols, L.C.W., van Son, R.J.J.H. Acoustics and perception of dynamic vowel segments 4509
Pol'skii, Yu.E. *see* Voronov, V.I. 12022
Polsky, B. *see* Apanovich, Y. 19715
Polsky, B. *see* Apanovich, Y. 19719
Polsky, B. *see* Apanovich, Y. 19863
Polson, C.J. *see* Fazzio, D.P. 11481
Polster, J., Pillmayr, N. First operational experience and control technology [Koralpe power station] 40053
Poltavets, V.N. *see* Kovalev, L.K. 25773
Poltrock, S.E. *see* Malcolm, K.C. 37528
Polturak, E. *see* Koren, G. 35275
Poltz, J. Optimizing VLSI interconnect model for SPICE simulation 26581
Poltz, J. Modeling of VLSI interconnect 41874
Polubotko, A.M. *see* Kradinova, L.V. 1867
Polulyakh, Ye.P. *see* Kolyadin, N.M. 25853
Polulyakh, Ye.P. *see* Velikhov, Ye.P. 25755
Polushin, P.A., Samoilov, A.G. Impedance meter for an RF-pumped gas-discharge laser 43720
Poluzzi, R. *see* Lo Presti, M. 10187
Polvey, C. *see* Oldham, T.R. 34069
Polyak, N., Pearlman, W.A. Stationarity of the Gabor basis and derivation of Janssen's formula 13369
Polyakov, A. *see* Bogdanov, A.L. 27952
Polyakov, A.Y., Milnes, A.G., Stam, M., Wilson, R.G., Fang, Z.Q., Rai-Choudhury, P., Hillard, R.J. High resistivity GaSb and GaAs produced by MBE growth at elevated temperatures 9533
Polyakov, A.Y. *see* Milvidskaya, A.G. 27485
Polyakov, M.E. Degradation mechanism in heterostructure quantum well lasers 3634
Polyakov, V.A. *see* Buzulutskov, A.F. 31710
Polyakov, V.A. *see* Kryshkin, V.I. 7194
Polyakov, V.A. *see* Lapshin, V.G. 31686
Polyakov, V.E., Ryzhkova, E.N. Control of the neutral conditions in 6-10 kV networks for improving the selectivity of protection against short circuits to ground 7985
Polyakov, V.I. *see* Pilipovich, V.A. 3196
Polyakov, V.V., Egorov, A.V. Eddy-current inspection of the specific electrical conductivity and magnetic permeability of components made of magnetically soft materials 18343
Polyakova, A.I. *see* Brainin, E.I. 41511
Polyanskii, V.N. *see* Atamanchuk, I.G. 27659
Polyanskiy, N.Ye. *see* Arkusha, Yu.V. 19027
Polyantsev, A.S. *see* Egorov, S.A. 6529
Polydoros, A. *see* Raheli, R. 4763
Polydorou, D.S., Capsalis, C.N. A new path loss prediction statistical model for indoor wireless communications 45757
Polyzos, G.C., Molle, M.L. A queueing theoretic approach to the delay analysis for the FCFS 0.487 conflict resolution algorithm 45335
Polyzos, G.C. *see* Claffy, K.C. 30382
Polyzos, G.C. *see* Kompella, V.P. 5297
Polyzos, G.C. *see* Pasquale, J.C. 13972
Polzleitner, W., Paar, G. Robust spacecraft motion estimation and elevation modeling using a moving binocular head 45122
Polzonetti, G., Russo, M.V., Furlani, A., Infante, G. Cr metallization of polyphenylacetylene thin film investigated by XPS 812
Pomakov, S. *see* Pranchov, R. 1757
Pomanskii, A.A. *see* Kuz'minov, V.V. 7164
Pomer, F. *see* Gimeno, B. 12574
Pomeraniec, B., Leviatan, Y., Boag, A. Analysis of the 5:1 dipole benchmark case using the current-model method with an SVD-improved point matching technique 12566
Pomerants, M.S. *see* Malomed, B.A. 29234
Pomeranz, I., Cheng, K.-T. STOIC: state assignment based on output/input functions 9898
Pomeranz, I., Reddy, L.N., Reddy, S.M. COMPACTEST: a method to generate compact test sets for combinational circuits 1134
Pomeranz, I., Reddy, S.M. 3-weight pseudo-random test generation based on a deterministic test set for combinational and sequential circuits 1135
Pomeranz, I., Reddy, S.M. Classification of faults in synchronous sequential circuits 18590
Pomeranz, I., Reddy, S.M. On the generation of small dictionaries for fault location 26867
Pomeranz, I., Reddy, S.M. An efficient non-enumerative method to estimate path delay fault coverage 26882
Pomeranz, I., Reddy, S.M. An efficient nonenumerative method to estimate the path delay fault coverage in combinational circuits 26896
Pomeranz, I., Reddy, S.M. SPADES-ACE: a simulator for path delay faults in sequential circuits with extensions to arbitrary clocking schemes 26897
Pomeranz, I., Reddy, S.M. On achieving complete fault coverage for sequential machines 34006
Pomeranz, I., Reddy, S.M. On determining symmetries in inputs of logic circuits 41832
Pomeranz, I. *see* Reddy, L.N. 26883
Pomerene, A. *see* Viswanathan, R. 26943
Pomerene, A. *see* Viswanathan, R. 28274
Pomerene, A.T. *see* Callegari, A. 27942
Pomerene, A.T.S., Seeger, D.E., Blauner, P.G. Photoresist process latitude optimization for synchrotron X-ray lithography 2307
Pomerleau, R. *see* Arabi, T.R. 23852
Pomeroy, S.R. *see* Levine, J.S. 19298
Pomilio, J.A. *see* Rafael, F.S. 15551
Pomme, S. *see* Govaert, K. 31556
Pommerell, C., Fichtner, W. Memory aspects and performance of iterative solvers 41552
Pommert, A. *see* Schubert, R. 15770
Pomo, V. *see* Ascagni, S. 17496
Pomp, H. *see* Woerlee, P.H. 20007
Pompano, J.M. *see* Hayashi, Y. 18842
Pompeo, F. *see* Coico, P. 9283
Pompili, M., Mazzetti, C., Libotte, M., Forster, E.O. The effect of the definition used in measuring partial discharge inception voltages 35112
Pompili, R. *see* Del Pistoia, A. 14410
Pomponi, R., Kijima, H., Parente, M., Popp, E., Scott, W.A., Zeddam, A. Surge voltages and currents measured on telecommunication subscriber lines 45737
Pomponi, R. *see* Battini, M. 45693
Pomrenke, G.S., Klein, P.B., Langer, D.W. *(editors)* Rare Earth Doped Semiconductors Symposium 9104
Ponce, D. *see* Young, A.T. 46825
Ponce, F.A. *see* Bringans, R.D. 9535
Ponce, F.A. *see* Liu, H.I. 19374
Ponce, F.A. *see* Liu, H.I. 27750
Ponce, F.A. *see* Liu, H.I. 34782
Ponce, F.A. *see* Nashimoto, K. 9662
Poncelet, R., Maun, J.C. Digital relays for power systems and electrical machines 7992
Poncet, A. Ions and neutralization 31606
Poncet, A. *see* Gomez-Goni, J. 15313
Poncet, A. *see* Gomez-Goni, J. 15314
Ponchak, G. *see* Dib, N. 1625
Ponchak, G. *see* Wang, H. 1580
Ponchak, G.E. *see* Dib, N.I. 10392
Ponchak, G.E. *see* Dib, N.I. 21349
Ponchak, G.E. *see* Rautio, J.C. 21377
Ponchet, A., Rocher, A., Emery, J.Y., Starck, C., Goldstein, L. Lateral thickness modulations in alternate tensile-compressive strained GaInAsP multilayers grown by gas source molecular beam epitaxy 9642
Poncino, M. *see* Lioy, A. 1124
Pond, J.M. *see* Kain, A.Z. 1405
Pond, K. *see* Maboudian, R. 26415
Pond, P.A. *see* Nelson, C.W. 23382
Pond, R.P. *see* Dolhert, L.E. 9285
Pone, J.-F. *see* Devos, F. 6558
Pong, C., DeMattei, R.C., Feigelson, R.S. High quality epitaxial films of ZnSe and ZnSe/ZnS strained layer superlattices grown by MOCVD 757
Pong, M.H. Computer aided analysis of a buck zero-current switching resonant converter 8517
Pong Jao-Chiang *see* Jao-Chiang Pong
Pong-Fei Lu, Shin, H.J., Ching-Te Chuang, Arienzo, M. Design considerations for high-density high-speed bipolar ROM 18713
Pongor, G. OMNeT: objective modular network testbed 14225
Poniecki, A. *see* Kalisz, J. 46645
Ponikvar, D. Generator of pseudo random pulses 10017
Ponizovskii, A.Z., Abramov, A.A., Goncharov, V.A., Gosteev, S.G., Ponizovskii, L.Z., Potapov, V.A., Suvorov, K.V., Shvedchikov, A.P. Optimizing the parameters of electrophysical equipment for air purification 35129
Ponizovskii, L.Z. *see* Ponizovskii, A.Z. 35129
Pon'kin, V.A., Zuyev, I.M. The probability of detecting extended targets 30882
Pon'kin, V.A. *see* Povetko, V.N. 29820
Ponnapalli, S., Deutsch, A., Bertin, R. A package analysis tool based on a method of moments surface formulation 40938
Ponomarenko, V.A. *see* Daskalyuk, V.P. 43770
Ponomarenko, V.P., Matrosov, V.V. Nonlinear effects in a system of intercoupled phase synchronization devices 26649
Ponomarenko, V.P., Matrosov, V.V. On the dynamics of a slow-response intercoupled phase synchronization system 26737
Ponomarenko, V.P. *see* Zaulin, I.A. 26738
Ponomarenko, V.P. *see* Zaulin, I.A. 41614
Ponomarev, I.N. *see* Gvozdev, V.I. 10390
Ponomarev, L.I., Ryzhikov, A.V. Scattering characteristics of waveguide-slot antenna 12730
Ponomarev, O.A. *see* Martinez-Davalos, A. 7342
Ponomarev, V.I. *see* Volosyuk, V.K. 29125
Ponomarev-Stepnoi, N.N., Glushkov, Y.S., Kompaniets, G.V., Lobyntsev, V.A., Skorlygin, V.A. Nuclear safety assurance for space thermionic reactor with positive temperature effect 7549
Ponpandi, S. *see* Om Pal Singh 39829
Pons, A., Leconte, C., Willieme, J.M. Breaking capacity of SF_6 circuit-breakers at low temperatures 25567
Pons, A. *see* Corredera, P. 11617
Pons, A. *see* Corredera, P. 11619
Pons, A. *see* Gleizes, A. 17100
Pons, A. *see* Gomez, P.J. 11618
Pons, A. *see* Lancis, T. 45144
Pons, A. *see* Sabot, A. 25017
Pons, D. Overview of the HBT technology development in Europe 27250
Pons, M., Barbier, J.N., Bernard, C., Madar, R. A coupled approach to thermochemical and mass transport modeling: application to $TiSi_2$ deposition by CVD 18250
Pons, M. *see* Rouch, H. 9727

Pons, M. *see* Weill, A. 11070
Pons, M.J. *see* Paniez, P.J. 11020
Ponson, R. *see* Prasad, R. 37802
Pont, W. *see* Klaasen, J.J.A. 44387
Pontalti, R. *see* Cristoforetti, L. 32004
Pontano, B.A. *see* Paul, D.K. 3140
Pontano, B.A. *see* Paul, D.K. 12792
Pontcharra, J.de *see* de Pontcharra, J.
Pontcharra, J.du Port de *see* du Port de Pontcharra, J.
Pontecorvo, L. *see* Benczc, G.L. 38858
Ponten, L. PSEE - Plus Service Engineering Environment technology transfer on the fly to production projects 37230
Ponthenier, J.L. *see* Becourt, N. 683
Ponthenier, J.L. *see* Billon, T. 28156
Pontifex, B. *see* Jaggi, B. 6576
Pontonnier, M. *see* Melin, G. 15579
Pontoppidan, K., Viskum, H.-H. Fade margin compensation and reflector active shaping 29347
Pontt, J. *see* Rodriguez, J. 8426
Ponurovskii, Ya.Ya. *see* Yakovlev, Yu.P. 20817
Ponzano, G.P. *see* Lo Nigro, F. 47723
Ponzoni, C.A. *see* Marshall, T. 42452
Poo, A.N. *see* Tay, C.J. 44185
Poo Gee-Swee *see* Gee-Swee Poo
Poo Reyes *see* Reyes Poo
Pool, F.S., Essick, J.M., Shing, Y.H., Mather, R.T. Dependence of the a-Si:H defect density of states on the magnetic field profile of an electron cyclotron resonance microwave plasma 41425
Poole, B.R. *see* Swegle, J.A. 34484
Poole, C.D., Darcie, T.E. Distortion related to polarization-mode dispersion in analog lightwave systems 45939
Poole, C.D., Wang, S.-C. Bend-induced loss for the higher-order spatial mode in a dual-mode fiber 2972
Poole, C.D., Wang, S.-C. Effect of bend-induced loss in dual-mode fiber dispersion compensators 35415
Poole, F. *see* Hales, W.M.M. 37451
Poole, I. *see* Peaker, A.R. 9665
Poole, I.B., Moreland, J.R. Cost effective maintenance 16548
Poole, J. *see* Bailey, R. 7041
Poole, J. *see* Burkhardt, H. 7039
Poole, M.W. *see* Clarke, J.A. 7130
Poole, M.W. *see* Clarke, J.A. 15361
Poole, M.W. *see* Miller, W.H., Jr. 268
Poole, M.W. *see* Wilson, M.N. 7113
Poole, N.J. *see* Sarvar, F. 1753
Poole, S. *see* Zhao, Y. 35744
Poole, S.B. *see* Atkins, G.R. 43400
Poon, C.Y., Kujawinska, M., Ruiz, C. Strain measurements of composites using an automated moire interferometry method 6814
Poon, E. *see* Chen, J. 18697
Poon, F.S.F. *see* Ertaul, L. 5503
Poon, J.C.H. *see* Man, G.M.T. 4960
Poon, P.C.H., Selviah, D.R., Midwinter, J.E., Daly, D., Robinson, M.G. Design of a microlens based total interconnection for optical neural networks 20470
Poon, S. *see* Fry, H.W. 43109
Poon, S. *see* West, J.P. 19665
Poon, S.S.S. *see* Jaggi, B. 6576
Poon, T.-C. *see* Pieper, R.J. 46339
Poon, T.-C. *see* Richstein, J.K. 41957
Poon, W.Y. *see* Huynh, H.-L. 9415
Poon Ting-Chung *see* Ting-Chung Poon
Poong Hyun Seong Model developments for quantitative estimates of the benefits of the signals on nuclear power plant availability and economics 47630
Poong Hyun Seong *see* Dae Sik Kim 41735
Poong Hyun Seong *see* Hyun Gook Kang 47631
Poong Hyun Seong *see* Jin Il Mok 47632
Poong-Hyun Seong *see* Sung-Sik Yu 39860
Poor, H.V. *see* Caire, G. 21838
Poor, H.V. *see* Caire, G. 21892
Poor, H.V. *see* Mitra, U. 22784
Poor, H.V. *see* Mitra, U. 37712
Poor, H.V. *see* Rusch, L.A. 22887
Poor, H.V. *see* Rusch, L.A. 37710
Poor, H.V. *see* Steinberg, Y. 45306
Poor, H.V. *see* Veeravalli, V.V. 44934
Poor, H.V. *see* Weller, S.R. 29697
Poore, A.B. Multidimensional assignment formulation of data association problems arising from multitarget and multisensor tracking 44810
Poore, A.B., Rijavec, N., Barker, T.N., Munger, M. Data association problems posed as multidimensional assignment problems: algorithm development 4756
Poore, A.B., Rijavec, N., Barker, T.N., Munger, M. Data association problems posed as multidimensional assignment problems: numerical simulations 29641
Poore, A.B., Rijavec, N., Liggins, M., Vannicola, V.C. Data association problems posed as multidimensional assignment problems: problem formulation 29640
Poorter, J.A.de *see* de Poorter, J.A.
Poortmans, J., Caymax, M., Van Ammel, A., Libezny, M., Nijs, J. Study of the transversal electron mobility in heterojunction bipolar transistors with strained $Si_{1-x}Ge_x$ base 11162
Poortmans, J., Jain, S.C., Totterdell, D.H.J., Caymax, M., Nijs, J.F., Mertens, R.P., Van Overstraeten, R. Theoretical calculation and experimental evidence of the real and apparent bandgap narrowing due to heavy doping in p-type Si and strained $Si_{1-x}Ge_x$ layers 10681
Poortmans, J. *see* Caymax, M. 42622
Poortmans, J. *see* Caymax, M.R. 18212
Poortmans, J. *see* Jain, S.C. 34548
Poortmans, J. *see* Ohyama, H. 19698
Poovamma, P.K., Jagadish, R., Dwarakanath, K. Charging tendency in transformer oil 47921
Popa, B. *see* Racoveanu, C.E. 16544
Popa, O. *see* Cobianu, C. 10780
Popat, K., Picard, R.W. Novel cluster-based probability model for texture synthesis classification, and compression 30065
Pope, J.C.D. *see* Edgar, G.K. 47196
Pope, J.M. NIR gains continue in on-line process applications 46284
Pope, K. *see* O'Brien, E. 31743
Pope, N.G., Veirs, D.K., Claytor, T.N., Histand, M.B. Fluid density and concentration measurement using noninvasive in situ ultrasonic resonance interferometry 16087
Pope, R. *see* Gui, M. 24021
Pope, R. *see* Gui, M. 24075
Pope, R. *see* White, J.T. 31751
Pope, S. *see* Dunn, C. 34079
Pope, S.T. Real-time performance via user interfaces to musical structures 14858
Popeck, R.A. *see* Heusman, R.L. 32527
Popel, R. *see* Lemke, S. 20198
Popel, R. *see* Quenter, D. 11551
Popel, S.I., Vladimirov, S.V., Yu, M.Y. The evolution of resonant waves in plasmas in the presence of nonresonant wave turbulence 35642
Popelar, C.H. *see* Popelar, S.F. 929
Popelar, S.F., Popelar, C.H., Kenner, V.H. Time-dependent fracture of polyimide films 929
Popell, S.I. *see* Vladimirov, S.V. 11909
Popescu, A., Ismailov, Y., Rajaei, H., Ayani, R. Modeling and performance evaluation of multiaccess mechanisms at SUPERLAN 14223
Popescu, A. *see* Puflea, I. 29200
Popescu, A.F., Furch, B. Status of the European developments for laser intersatellite communications 6036
Popescu, A.F. *see* Neubert, W.M. 3473
Popescu, C. *see* Nitu, S. 32952
Popescu, C. *see* Nitu, S. 32955
Popescu, C. *see* Popescu, M. 29113
Popescu, C. *see* Popescu, M. 32954
Popescu, F.F. Solid-state masers without inversion: theoretical prediction for high-efficiency oscillators or phase-sensitive detectors 20588
Popescu, I., Zaharia, I., Petrescu, C. Energetic aspects in nonlinear circuits containing thyristors 33893
Popescu, I., Zaharia, I., Petrescu, C. Energy transfer through a transmission line in non-sinusoidal steady state 39575
Popescu, M., Popescu, C., Nitu, S. Calculation of the bistable electromagnet performances 29113
Popescu, M., Popescu, C., Poenaru, S., Nitu, S. Microcomputer equipment for the control and monitorization of the vacuum switchgear synthetic testings 32954
Popescu-Zeletin, R. *see* Eckardt, T. 14298
Pophillat, L., David, R. Less than 3 pA/$\sqrt{Hz}$ over 1-800 MHz noise current spectral density optical receiver for SCM-CATV systems 5980
Popiel, C.O. *see* Turner, J.T. 6417
Popkirov, G.S., Schindler, R.N. Optimization of the perturbation signal for electrochemical impedance spectroscopy in the time domain 14891
Popkov, V.I., Privalov, I.N. Investigation of insulation ageing and development of life estimation methods for 110 kV and 220 kV oil-filled cables 24943
Popkov, Yu. *see* Efimov, S. 15384
Pople, H.E., Jr. *see* Roth, E.M. 39793
Popma, T.J.A. *see* Hoekstra, T.H. 3124
Popma, T.J.A. *see* Hoekstra, T.H. 28500
Popma, T.J.A. *see* Hoekstra, T.H. 38078
Popok, V., Hnatowicz, V., Kvitek, J., Svorcik, V., Rybka, V. Dual implantation of silicon with boron and argon ions 34683
Popov, A., Mikhovski, M., Shleenkov, A.S., Shcherbinin, V.E., Vaulin, S.L. Identifying types of discontinuities in magnetic flaw inspection 18356
Popov, A. *see* Kaparkov, D. 27128
Popov, A.A. *see* Khudukon, B.Z. 7594
Popov, A.B. *see* Anan'ev, V.D. 47677
Popov, A.V., Kopylov, Yu.V., Vinogradov, A.V. Computer simulation of diffraction and focusing processes in quasioptics 29140
Popov, A.V. *see* Mulyarchik, S.G. 42826
Popov, B.N. Microprocessor control of synchronous three-phase motors 17495
Popov, B.N., Zhang, W., Darcy, E.C., White, R.E. Impedance spectroscopy as a nondestructive health interrogation tool for Lithium-BCX cells 8737
Popov, C. *see* Shanov, V. 10993
Popov, G.V. *see* Vavinov, E.V. 8484
Popov, M., Reznik, A., Shkwar, A. Iconic system for object recognition and location determination 21934
Popov, M.F. *see* Pavlov, A.A. 5686
Popov, O.A., Shapoval, S.Y., Yoder, M.D., Chumakov, A.A. Electron cyclotron resonance plasma source for metalorganic chemical vapor deposition of silicon oxide films 41451
Popov, P.G. Matching of the images of television and thermal-image channels 13578
Popov, P.G. *see* Borisova, I.V. 21933
Popov, P.V. *see* Murzin, S.S. 1850
Popov, S., Parasyna, A. Optical fibers & cables tests results and their behaviors prediction technique under operational conditions 3004
Popov, S.A. A new version of the creeper algorithm 29472
Popov, S.A. *see* Batrakov, A.V. 42356
Popov, S.Yu. *see* Khavroshin, D.L. 20515
Popov, V.P. *see* Bystrov, V.G. 4658
Popov, V.V. *see* Kradinova, L.V. 1867
Popov, V.V. *see* Matov, O.R. 3104
Popov, V.Yu. *see* Bykov, A.A. 12656
Popova, K. *see* Garnev, I. 10567
Popova, N.Ya. *see* Martynov, S.V. 7135
Popova, T.P. *see* Yeremka, V.D. 33147
Popova, V.V. *see* Loboda, P.A. 3456
Popovic, B.D., Petrovic, V.V. Vertical wire antenna above ground: simple near-exact image solution 21395
Popovic, B.D. *see* Kolundzija, B.M. 36351
Popovic, B.M. GCL polyphase sequences with minimum alphabets 29412
Popovic, D. *see* Westphal, H. 37489
Popovic, D.B., Stein, R.B., Jovanovic, K.L., Dai, R., Kostov, A., Armstrong, W.W. Sensory nerve recording for closed-loop control to restore motor functions 24323
Popovic, D.B. *see* Kalanovic, V.D. 7481
Popovic, J.R. *see* Davey, E.C. 39763
Popovic, R. *see* Ljubicic, B. 39945
Popovic, R.S. Modeling random telegraph noise by means of the single-electron transistor 19804
Popovic, R.S. Thermal noise in ultrasmall tunnel junctions 19805
Popovic, Z.B. *see* Chen, K.Y. 1590
Popovic, Z.B. *see* Mader, T. 1621
Popovic, Z.B. *see* Mader, T. 34253
Popovic, Z.B. *see* Radisic, V. 19137
Popovic, Z.B. *see* Radisic, V. 21347
Popovic, Z.D. *see* Losic, N.A. 41663
Popovich, N. *see* Ostroverhov, N. 9025
Popovics, J.S., Rose, J.L. A survey of developments in ultrasonic NDE of concrete 33793
Popp, D.J., Kahler, R.L. C-17 flight control systems software design 39230
Popp, E. *see* Pomponi, R. 45737
Popp, H.-J. *see* Thull, B. 39085
Popp, J. *see* Treitinger, L. 30837
Poppe, F. Extra-sensory perception: advanced photoelectric sensors meet new challenges 15021
Poppe, U. *see* Faley, M.I. 11533
Poppelaars, G. *see* Wittekoek, S. 2350
Popper, F. The place of high-technology art in the contemporary art scene 46250
Popper, S. *see* McCloskey, K. 16104
Popple, G., Glen, P. Specification of the broadband user-network interface 45647
Poppleton, A. *see* Borer, K. 7221
Popplewell, A. *see* Kokkos, A. 21620
Popplewell, A. *see* Naderi, M. 4415
Popplewell, A. *see* Obi, J. 6246
Popplewell, A. *see* O'Reilly, J.J. 38062
Populin, L. *see* Silvano, C. 18739
Poquerusse, M. *see* Maroulis, D. 31149
Por, G., Kiss, S., Krinizs, K., Husemann, A., Runkel, J., Stegemann, D. Phase behaviour between the signals from detectors located in and around the reactor 39870
Por, G. *see* Lipcsei, S. 39869
Por, P.T., Kraan, W.H., Rekveldt, M.Th. Separating the polarising power from depolarisation in a set-up with 3 neutron polarisers 31583
Porada, Z. Application of thin film electroluminescent and photoconducting devices in an optoelectronic memory cell 35593
Porat, B. Digital processing of random signals. Theory and methods 40727
Porat, B., Friedlander, B. FIR system identification using fourth-order cumulants with application to channel equalization 13203
Porat, B., Friedlander, B. On the generalized likelihood ratio test for a class of nonlinear detection problems 21723
Porat, B., Friedlander, B. A modified generalized likelihood test for a class of detection problems 23143
Porat, B. *see* Francos, J.M. 4875
Porato, M. *see* Pautet, M.B. 14453
Porcar, R. *see* Thiery, L. 46420
Porcellato, A.M. *see* Fortuna, G. 6906
Porcellato, A.M. *see* Palmieri, V. 15512
Porcelli, F. *see* Botre, F. 6611
Porch, A., Lancaster, M.J. Coplanar resonators fabricated from thin film high-T_c superconductors 43350
Porch, A. *see* Lancaster, M.J. 1465
Porcher, T. *see* Bonnin, P. 22099
Porcher, T. *see* Caillas, C. 13728
Porcheron, M., Ricard, B. DIAPO, applying advanced AI methods to diagnosis of PWR reactor coolant pump 32544
Pordes, R. *see* Votava, M. 46324

Pored, W. *see* Minhan Chen 34886
Poret, J.C. *see* Suter, J.J. 7243
Porges, M. *see* Safrankova, J. 38510
Porile, N.T. *see* Hanger, J.A. 31668
Porkolab, G.A., Wolf, E.D. Self-aligned fabrication of arrays of back-to-back external 45° reflectors integrated with ridge-waveguide lasers for surface-emitting high-power semiconductor laser sources in AlGaAs/GaAs 28852
Porobic, R. *see* Smith, E. 37302
Poropat, G.V. Effect of system point spread function, apparent size, and detector instantaneous field of view on the infrared image contrast of small objects 15083
Poropat, P. *see* Benvenuti, A. 7252
Poroshin, N. *see* Budagov, J. 46955
Poroshin, N.O. *see* Fanourakis, G.K. 24011
Porquet, C. *see* Clouard, R. 5073
Porras, M.A., Alda, J., Bernabeu, E. Nonlinear propagation and transformation of arbitrary laser beams by means of the generalized ABCD formalism 12334
Porras, M.A. *see* Ronchi, L. 12310
Porrata-Doria, R.De *see* De Porrata-Doria, R.
Porrata-Doria i Yague, R.de *see* de Porrata-Doria i Yague, R.
Porrill, J. *see* Pollard, S. 13730
Porrino, A. *see* Deponti, F. 16384
Port, H. *see* Bauerle, P. 26528
Port, R.M. Multi-chip module applications for Hughes military processors 9311
Port, R.M. Multi-chip modules for military and adverse environment applications 17845
Port de Pontcharra, J.du *see* du Port de Pontcharra, J.
Porta, A., Baselli, G., Montano, N., Gnecchi-Ruscone, T., Lombardi, F., Malliani, A., Cerutti, S. Non-linear dynamics in the beat-to-beat variability of sympathetic activity in decerebrate cats 36751
Porta, M. *see* Masetti, F. 22738
Porta, S. *see* Carlosena, A. 18854
Porta, T.F.La *see* La Porta, T.F.
Portacci, G.V. *see* Corsi, F. 43124
Portaccio, M. *see* Bollanti, S. 24124
Portaccio, M. *see* Flora, F. 20638
Portal, A.L.S. *see* Mascarenhas, N.D.A. 38993
Portal, G. *see* Boutruche, B. 47141
Portal, J.C. *see* Aristone, F. 42511
Portal, J.C. *see* Hayden, R.K. 34578
Portal, J.C. *see* Kuhn, O. 43650
Portal, J.C. *see* Nogaret, A. 19371
Portal, J.C. *see* Porto, J.A. 27511
Porte, A. *see* Bideux, L. 1947
Porte, B. *see* Barriere, A.S. 34510
Porte, N. *see* Dexheimer, O. 37298
Portela, C.M., Tavares, M.C. Six-phase transmission line—propagation characteristics and new three-phase representation 24936
Portelles, J., Gonzalez, I., Kiriev, A., Calderon, F., Garcia, S., Calzada, N. Influence of La_2O_3 additions on the dielectric properties of the ceramic $Sr_{0.3}Ba_{0.7}Nb_2O_6$ 2714
Porter, A.K. *see* Search, D.J. 26218
Porter, C.R. *see* Abbas, G.L. 7538
Porter, C.R. *see* Abbas, G.L. 39285
Porter, J. *see* Smith, H.V., Jr. 38827
Porter, J. *see* Willis, B. 34395
Porter, J.D. *see* Biswas, S.K. 37116
Porter, J.R. *see* Famili, N. 31891
Porter, J.W., Kappenman, J.G., Norr, S.R., Simo, S. A transformer neutral blocking device to prevent the flow of geomagnetically induced currents in power systems 39662
Porter, J.W. *see* Lesher, R.L. 47604
Porter, M.B. Acoustic models and sonar systems 46110
Porter, N.J., Tough, R.J.A., Ward, K.D. SAR, ISAR and hybrid SAR/ISAR—a unified treatment of radar imaging 23129
Porter, S. Overview of CAE tools for EMC 36235
Porter, S.J., Dawson, J.F. Improved plane-wave illumination for TLM method 4032
Porter, S.J. *see* Marvin, A. 4325
Porter, W.A., Wei Liu Object recognition by a massively parallel 2-D neural architecture 45134
Porti, J. *see* Carrion, M.C. 30889
Porti, J.A., Khalladi, M., Morente, J.A., Gimenez, G., Carrion, M.C. Wire-junction matrix model for the TLM method 44606
Porti, J.A., Morente, J.A. A numerical analysis of wire antennas loaded with varistor-composite materials 36403
Portier, J. *see* Campet, G. 27489
Portier, R. *see* Castagnet, T. 25951
Portigliotti, C. *see* Bergoni, N. 30519
Portilla, J. *see* Teyssier, J.P. 27218
Portillo, J., Gual, J., Sarrabayrouse, G., Morante, J.R. Analysis of the HF-ethanol cleaning process on silicon wafers with 100 vicinal surfaces 34752
Portillo-Garcia, J.I., Casar-Corredera, J.R. Lowering the SNR threshold in SVD-based frequency estimation algorithms 13430
Portis, A.M. Electrodynamics of high temperature superconductors 9091
Portnoi, E.L. *see* Deryagin, A.G. 35834
Portnoi, E.L. *see* Gordeev, N.Yu. 20761
Portnoi, E.L. *see* Marsh, J.H. 12253
Portnoi, E.L. *see* Venus, G.B. 20760
Portnov, A.A. *see* Bykovskii, Yu.A. 38438
Portnov, E.L. Galvanic effects and soil inhomogeneity along the length of a telecommunications cable 14365
Portnov, E.L., Rysin, L.G., Larin, Yu.T. Estimate of the effect of external electromagnetic fields in the choice of construction of an optical cable with metallic elements 14584
Portnoy, W.M. *see* Menhart, S. 2487
Portnoy, W.M. *see* Sankaran, V.A. 40310
Porto, A.Di *see* Di Porto, A.
Porto, J.A., Sanchez-Dehesa, J., Cury, L.A., Nogaret, A., Portal, J.C. Left and right tunnelling times of electrons from quantum wells in double-barrier heterostructures investigated by the stabilization method 27511
Portsel, L. *see* Willebrand, H. 31291
Portz, M. A generalized description of DES-based and Benes-based permutation generators 21567
Porzio Giusto, P. Radio systems in the access network 22755
Posa, F. *see* Bachler, J. 46915
Posa, F. *see* Bachler, J. 46934
Posa, F. *see* Baechler, J. 46909
Posa, F. *see* Braem, A. 46902
Posa, F. *see* Di Mauro, A. 46917
Posa, F. *see* DiMauro, A. 31744
Posa, F. *see* DiMauro, A. 46939
Posch, T.E. The wave packet transform (WPT) as applied to signal processing 13321
Posch, T.E. The wave packet transform (WPT) as applied to signal processing 21896
Poschmann, P. *see* Komzsik, L. 9487
Pose, R. *see* Ken Q-Q Li 13771
Posedko, A.S. *see* Vedenin, A.S. 28673
Posedko, V.S. *see* Pilipovich, V.A. 35354
Posen, M.C.J. *see* Reed, A.G. 22958
Poser, C. *see* Schmitt, R.M. 15769
Poshtarenko, V.M. *see* Bykov, V.N. 29277
Positeri, K.M. *see* Herman, M.H. 28623
Poskar, C.H. *see* Kermanshahi, B.S. 16269
Poskett, P. *see* Hart, N. 37745
Poskett, P. *see* Haugli, H.-C. 30637
Posluszny, M., Dzielinski, A. Analysis of series loaded resonant DC/DC converter 17006
Posner, M.E. *see* Clifford, J.J. 40909
Posner, R.S. Competing antenna requirements for dual-band satellites 44607
Posocco, M. *see* Antonelli, A. 24054
Posocco, M. *see* Gasparini, F. 46980
Pospelov, G.E. The fundamentals of AC power transmission 7912
Pospelova, T.G., Matel'skii, M.A. Conditions for applying imprecise estimation of the impact of power installations on environment 8033
Pospieszalski, M.W. Ultra-low-noise receivers for the 1 to 120 GHz frequency range 27234
Pospieszalski, M.W., Lakatosh, W.J., Lai, R., Tan, K.L., Streit, D.C., Liu, P.H., Dia, R.M., Velebir, J. Millimeter-wave, cryogenically-coolable amplifiers using AlInAs/GaInAs/InP HEMTs 1528
Pospieszalski, M.W. *see* Wang, H. 1606
Pospieszalski, M.W. *see* Wang, H. 10498
Pospischil, R. Reorganization of European telecommunications: the cases of British Telecom, France Telecom and Deutsche Telekom 5282
Pospishil, A., Russo, M., Singh, M. A MMIC subharmonically pumped SSB modulator 1597
Pospisil, J. Improving the operational reliability of AC generators in nuclear power plants 32848
Pospisil, J. *see* Lehm, J. 32842
Possanza, B. *see* Draper, C. 34747
Possanza, W.A. *see* Yan, R.H. 11181
Posse, A.V. *see* Koshcheev, L.A. 47970
Possin, G.E. *see* Grant, A.R. 28145
Possin, G.E. *see* Kwasnick, R.F. 28147
Possner, T. *see* Kley, E.-B. 35467
Post, C.J., Takeuchi, E.S. Long cycle life rechargeable lithium/titanium disulfide cells 17248
Post, D. *see* Han, B. 6811
Post, G. Value-based transborder data flow restrictions 26018
Post, G. *see* Scavennec, A. 6029
Post, I.G. *see* Koullias, I.A. 37861
Post, J. *see* van Woesik, E.T.C. 5884
Post, J. *see* van Woesik, E.Th.C. 2961
Post, R.F., Schwager, L.A., Douglass, S.R., Jones, B.R., Lambert, M.A., Larson, D.L. Studies of the Mirrortron ion accelerator concept and its application to heavy-ion drivers 23961
Postaire, J.-G. *see* Bruyelle, J.-L. 23888
Postaire, J.-G. *see* Bruyelle, J.-L. 40636
Postek, M.T., Keery, W.J., Vladar, E. Modification of a commercial SEM with a computer controlled cathode stabilized power supply 10637
Postek, M.T., Vladar, A.E., Jones, S., Keery, W.J. Report on the NIST low accelerating voltage SEM magnification standard interlaboratory study 19316
Posthill, J.B. *see* Rudder, R.A. 856
Postiau, N. *see* Mandrillon, P. 6909
Postle, K.J. *see* Cross, B.A. 22491
Postlethwaite, D., Greenland, W. Effective earthing of conducting concrete poles in overhead distribution supply lines 25029
Postlethwaite, H.R. *see* Sanderson, J.V.H. 47584
Postnikov, V.I. Multi-layer modelling of composite stator core structures in large turbogenerators 47841
Postoyalko, V., Budimir, D.S. Design of waveguide E-plane filters with all-metal inserts by equal ripple optimization 42163
Postoyalko, V. *see* Budilnir, D. 27165
Postula, A. *see* Hungenahally, S.K. 4963
Posvyanskii, D.V. *see* Ignat'ev, A.S. 2425
Potamianos, G.G., Goutsias, J.K. Partition function estimation of Gibbs random field images using Monte Carlo simulations 21469
Potapenko, I.P. *see* Dubrovskaya, T.S. 15081
Potapov, A.A., Kolesnikov, A.I. Correlation characteristics of images of the Earth's surface 47227
Potapov, A.I. *see* Chmill, V.B. 31762
Potapov, E.N. *see* Vodakov, Yu.A. 28663
Potapov, V.A. *see* Ponizovskii, A.Z. 35129
Potapov, V.I. *see* Ann, H. 39939
Potapov, V.T., Mamedov, A.M., Shatalin, S.V., Yushkaitis, R.V. Multiplexed optical-fiber sensors with autodyne detection 23658
Potapov, V.T. *see* Averin, S.V. 43629
Potapov, V.T. *see* Juskaitis, R. 31259
Potapov, V.T. *see* Listvin, A.V. 38534
Potapov, V.T. *see* Mamedov, A.M. 15039
Potapov, V.T. *see* Mamedov, A.M. 31254
Potapova, N.I. *see* Tsvetkov, A.D. 44040
Potashnikov, A.K. *see* Kozlov, S.I. 24197
Pote, A. *see* Mirshekar-Syahkal, D. 19127
Pote, D. *see* Zupac, D. 28167
Potechin, J. *see* Pennino, T.P. 221
Potekhin, A.Yu. Intensity fluctuations of light propagating in system of large scatterers. I. Single scattering 12615
Potekhin, S.P. *see* Ananiev, S.M. 15680
Potemkin, V.V. Methods of magnetic noise depression 11465
Potemski, R.M. *see* Pezeshki, B. 22713
Potenza, M. *see* Braglia, M. 20741
Pothe, Y.-G. *see* Simeon, E. 47553
Potheau, R. *see* Dentan, M. 34183
Pothecary, N.M., Railton, C.J. Finite difference time domain modelling of hyperthermia applicators for cancer therapy 7461
Pothecary, N.M. *see* Johnson, R.H. 7338
Pothen, A., Sun, C. A mapping algorithm for parallel sparse Cholesky factorization 594
Pothier, H., Lafarge, P., Esteve, D., Urbina, C., Devoret, M.H. Accuracy of single electron devices 35269
Pothier, H. *see* Haug, R.J. 43030
Potier, N., Mellul, S., Leturmy, M., McKean, K. A comparative study of commercially available 'no clean' solder pastes in a protective atmosphere [SMT] 34409
Potier, T. *see* Bronoel, G. 17208
Potkonjak, M., Rabaey, J. Maximally fast and arbitrarily fast implementation of linear computations [circuit layout CAD] 26600
Potkonjak, M., Rabaey, J. Optimizing resource utilization using transformations 34001
Potkonjak, M. *see* Chandrakasan, A.P. 28271
Potkonjak, M. *see* Dey, S. 26878
Potocnik, V. Cogeneration potential in Croatia 25204
Pottbrock, R. *see* Beyer, U. 32791
Potter, C.M., Hjipieris, G. A robust six- to four-port reduction algorithm 6303
Potter, C.M., Hjipieris, G., Fanthom, N.J. A novel 250 MHz-26.5 GHz reflection analyzer 31400
Potter, D. *see* Procopio, M. 30479
Potter, M.de *see* de Potter, M.
Potter, R. Planning and early experience with the Mercury One-2-One Personal Communications Network 22882
Potter, W.D. *see* Chang, F.L. 30418
Potter, W.D. *see* Miller, J.A. 18051
Potterveld, D.H. *see* Jones, C.E. 31632
Pottie, G. *see* Min, J. 14487
Pottie, G.J., Calderbank, A.R. Further asymptotic upper bounds on the minimum distance of trellis codes 21630
Pottier, F. *see* Ryvkin, B.S. 43512
Pottinger, R. Monitoring vigilance during single and serial visual evoked potentials 39072
Pottle, C. *see* Durie, R.C. 24626
Potts, E.A. What is ISO 9000 and why should I care? 33426
Potvin, J. *see* Grondin, R. 24697
Poty, V., Ubeda, S. A parallel thinning algorithm using K×K masks 45201
Potyka, R. *see* Phetteplace, G. 37835
Potyrailo, R.A. *see* Moore, J.D. 19584
Potzick, J.E. *see* Allen, R.A. 6778
Potzler, H. *see* Hofmann-Preiss, K. 24175
Pou, J. *see* Fernandez, D. 41453
Pou, J. *see* Gonzalez, P. 2146
Poudroux, C., Rifi, M., Demoulin, B., Degauque, P. Influence of the different propagation modes on the response of a multiconductor transmission line to a disturbing wave 44480
Pouet, B., Chatters, T., Krishnaswamy, S. Synchronized reference updating technique for electronic speckle interferometry 3924
Pouet, B., Krishnaswamy, S. Electronic speckle techniques in noisy environments 26535
Pouet, B. *see* Chatters, T. 901

Pougnet, A.M. *see* Zahzouh, M. 9635
Pouilly, J. *see* Courtois, M. 24559
Poulain, D. *see* Roosen, F. 37791
Poulain, M. *see* Deol, R.S. 2931
Poulenard, M. *see* Andriamampianina, L. 22015
Poulet, G. *see* Fermo, R. 16311
Pouliguen, P. *see* Desclos, L. 30891
Poulikakos, D. *see* Rastogi, S.K. 27357
Poulin, M. *see* Robin, M. 23293
Poulin, S. *see* Ivanov, D. 46402
Pouliquen, B.Y. *see* Dunlop, J.A. 842
Pouliquen, H. *see* Elloumi, K. 17027
Pouliquen, H. *see* Maire, J. 25033
Pouliquen, H. *see* Rioual, P. 8656
Pouliquen, H. *see* Wang, M.-X. 16997
Poulsen, F.W. *see* Holt, A. 17367
Poulsen, K.B. *see* Jeppesen, S.E. 37378
Poulsen, O. *see* Shi, Y. 12064
Poulsen, S.H. *see* Weldingh, H. 24964
Poulton, A.S. Effect of conducted EMI on the DC performance of operational amplifiers 33914
Poulton, G.T. Antenna applications of phase-retrieval—a review 12734
Poulton, G.T. *see* Hay, S.G. 4255
Poulton, G.T. *see* James, G.C. 36373
Poumarede, C. *see* Therond, P. 39574
Poupeau, J.P. *see* Antoine, C.Z. 11526
Pouraghabagher, C. *see* Pinizzotto, R.F. 33754
Pourazar, G. *see* Schofield, J. 23349
Pourfallah, A. Advanced microprocessor control of battery charging devices for Ni-Cd and Ni-MH batteries 47988
Pourki, F. *see* Sosa, H. 20044
Poursepanj, A., Ogden, D., Burgess, B., Gary, S., Dietz, C., Lee, D., Surya, S., Peters, M. The PowerPC 603 microprocessor: performance analysis and design trade-offs 41932
Pouryamout, J. *see* Reschke, D. 15509
Pous, R. The measured equation of invariance: a comparison with existing methods 29092
Pous, R., Prouty, M.D., Mei, K.K. The measured equation of invariance and its application to transmission line modelling 29222
Pous, R. *see* Mei, K.K. 12546
Pous, R. *see* Prouty, M.D. 4212
Poussart, D. Opportunities for integrating early-vision computation algorithms and VLSI technology for the development of smart sensors 37020
Poussart, D. *see* Hebert, P. 22214
Poussart, D. *see* Methot, F. 7323
Poussart, D. *see* Methot, J.-F. 22239
Poussart, D. *see* Tremblay, M. 23707
Poussart, D. *see* Tremblay, M. 38568
Poutot, D. *see* Adam, W. 46929
Pouysegur, M. *see* Parra, T. 1643
Povarov, O.A., Zharov, V.N., Filimonov, V.P., Tomarov, G.V. Peculiarities of high-velocity centrifugal moisture separation on flows with surfactant additive [in steam turbines] 25222
Povelitsin, V.A. *see* Zalkind, V.I. 25726
Povelitsyn, V.A. *see* Zalkind, V.I. 48145
Povetko, V.N., Pon'kin, V.A. Estimating the detection quality of spatially extended objects from their images 29820
Povey, G.J.R., Grant, P.M., Pringle, R.D. Spread spectrum receiver design for a multipath environment 22779
Povey, I.M. *see* Hoare, R.D. 41373
Povey, I.M. *see* Pemble, M.E. 26436
Povh, B. *see* Muller, U. 46907
Povh, B. *see* Rathmann, F. 6941
Povh, D. Advantages power electronic equipment in AC systems 47430
Povh, D. *see* Luoni, G. 47488
Povinec, P. *see* Bosio, C. 15618
Povlsen, J.H. *see* Grunnet-Jepsen, A. 3505
Povlsen, J.H. *see* Lester, C. 35412
Povlsen, J.H. *see* Lumholt, O. 20667
Povlsen, J.H. *see* Rottwitt, K. 5886
Povlsen, J.H. *see* Rottwitt, K. 45952
Povlsen, J.Hedegaard *see* Hedegaard Povlsen, J.
Povstyanoi, Yu.P. *see* Orlov, V.I. 40186
Powazinik, W. *see* Rideout, W. 39281
Powderly, D. *see* Di Fabrizio, E. 27925
Powell, A.L. *see* Pettersson, H. 19369
Powell, A.L. *see* Pettersson, H. 19378
Powell, A.R., Iyer, S.S., LeGoues, F.K. New approach to the growth of low dislocation relaxed SiGe material 41357
Powell, D. Echo control in DECT 22474
Powell, D. Echo control in DECT 22858
Powell, D.J. Fabricating PWBs and MCM-Ls with a new nonwoven aramid reinforcement 34371
Powell, D.J., Hayward, G. A novel ultrasonic array incorporating composite transducer technology 16043
Powell, D.J. *see* McGarrity, J.P. 33790
Powell, G. *see* Theil, J.A. 33728
Powell, G.R. *see* Howorth, J.R. 24068
Powell, H.T. *see* Dixit, S.N. 44160
Powell, H.T. *see* Lawson, J.K. 35948
Powell, H.T. *see* Pennington, D.M. 35976
Powell, J. *see* Myles, C. 10039
Powell, J.A. The mechanical properties of an electrorheological fluid under oscillatory dynamic loading 26389
Powell, J.A., Neudeck, P.G., Matus, L.G., Petit, J.B. Progress in silicon carbide semiconductor technology 1870
Powell, J.A., Pirouz, P., Choyke, W.J. Growth and characterization of silicon carbide polytypes for electronic applications 1869
Powell, J.A. *see* Neudeck, P.G. 19751
Powell, J.A. *see* Neudeck, P.G. 34907
Powell, J.A. *see* Neudeck, P.G. 42821
Powell, J.J. *see* Magill, P.A. 17948
Powell, J.R. *see* Howorth, J.R. 24068
Powell, M.J. *see* Deane, S.C. 19903
Powell, M.J. *see* Morgan, P.N. 35034
Powell, M.J. *see* van Berkel, C. 28089
Powell, M.J.E. Data acquisition and requirements for expert systems in a control room context [power systems] 16255
Powell, P. *see* Pettigrew, R.D. 32515
Powell, R.C., Huimin Liu, Foldvari, I., Holmstrom, S.A., Reeves, R.J. Nonlinear optical responses of photorefractive crystals 21034
Powell, S. Telecom Australia's Service Database architecture for intelligent network services 14302
Powell, S.R., Chau, P.M. Postfiltering to equalize the effects of finite coefficient wordlength in digital filters 27060
Powell, T. *see* Martin, S. 336
Powell, T. *see* Roszel, L. 306
Powell, W.C., Wilson, S.G. Lattice quantization in the wavelet domain 22114
Powell, W.E., Cubbage, R.W., Ferrant, J.L., Wolf, M. Synchronization and timing of SDH networks 22420
Powell, W.R. Transportable orbital tracking, telemetry and command system 47220
Powell-Meeks, M. *see* Baroth, E. 38416
Power, G.J. *see* Awwal, A.A.S. 11576
Power, G.J. *see* Awwal, A.A.S. 35520
Power, M.B. *see* Jenkins, P.P. 42736
Powers, A.R. Advances and trends in primary and small secondary batteries 40397
Powers, E.J. *see* Hajj, M.R. 6858
Powers, E.J. *see* Kim, S.B. 21796
Powers, E.J. *see* Tseng, C.-H. 4706
Powers, J.T., Jr. *see* Hodge, W. 6236
Powers, P.E., Ellingson, R.J., Pelouch, W.S., Tang, C.L. Recent advances of the Ti:sapphire-pumped high-repetition-rate femtosecond optical parametric oscillator 20977
Powers, P.E., Tang, C.L., Cheng, L.K. High-repetition-rate femtosecond optical parametric oscillator based on $CsTiOAsO_4$ 21088
Powers, P.E. *see* Pelouch, W.S. 20687
Powers, P.E. *see* Tang, C.L. 44045
Powers, R.A. *see* Packer, M.J. 44559
Powers, W.F., Jr. An overview of water-resistant cable designs 32422
Powis, D.S. Evolving the personal communicator 37798
Powis, I. *see* Downie, P. 24064
Powlesland, I. *see* Burnett, G. 39153
Powling, R.J. *see* Maxwell, G.D. 5645
Poyarkov, P.N. *see* Gusev, A.P. 9862
Poyedinchuk, A.Ye., Tuchkin, Y.A., Shestopalov, V.P. Diffraction by curved strips 4052
Poyet, P. *see* Tomasini, B. 6150
Poyhonen, P. *see* Tervonen, A. 11632
Poynder, R. Business information by fax 14094
Poynton, C.A. "Gamma" and its disguises: the nonlinear mappings of intensity in perception, CRTs, film, and video 36898
Poz, S.Dal *see* Dal Poz, S.
Pozar, D. Directivity of omnidirectional antennas 21371
Pozar, D.M., Yang, D.H.-Y. Correction to "Radiation and scattering characteristics of microstrip antennas on normally biased ferrite substrates" 44568
Pozar, D.M. *see* Herscovici, N.I. 29293
Pozar, D.M. *see* Targonski, S.D. 44563
Pozdeev, P.A., Rogov, B.V., Sinelshikov, V.A. The influence of the boundary conditions on distribution of alkaline seed atoms in the boundary layer of the combustion plasma flow [in MHD generators] 25739
Pozdnyakov, M.M. *see* Tsvetkov, L.I. 46153
Pozdnyakov, P.G. Shear vibrations of quartz rods and resonators based on them 43181
Pozela, J., Juciene, V. High-speed semiconductor devices in computer technology 1122
Pozhela, J., Butkus, G., Juciene, V. Electron mobility in two-dimensional structures with separate quantization of electron and phonon momenta 1918
Pozhela, J., Mishkinis, R., Rutkovski, P., Borisov, A.V., Fedorec, V.N., Pashchenko, P.B., Timashev, V.V. Acoustic charge transport in gallium arsenide epitaxial structures 43240
Pozimski, J., Gross, P., Dolling, R., Weis, T. First experimental studies of a Gabor-plasma-lens in Frankfurt 15410
Pozimski, J. *see* Gross, P. 31566
Pozimski, J. *see* Weis, T. 23981
Poznyak, V.I. *see* Davis, C.H. 29173
Pozwolski, A.E. A linear accelerator of lanthanum hexaboride particles for impact fusion 23946
Pozzi, R. *see* Abplanalp, M. 24046
Pozzobon, P. *see* Bolognani, S. 17526
Pozzobon, P. *see* Coles, P.C. 8929
Pozzobon, P. *see* Fracchia, M. 1039
Prabhakar, A. *see* Harish, C.M. 10485
Prabhakaran, K., Ogino, T., Scimeca, T., Oshima, M. Interaction of Al with oxidized Ge/Si(001): a synchrotron radiation photoelectron spectroscopy study 42731
Prabhakaran, K., Ogino, T., Scimeca, T., Watanabe, Y., Oshima, M. Bonding partner change reaction in oxidation of Ge on Si(001): observation of two step formation of SiO_2 42729
Prabhakaran, K. *see* Scimeca, T. 2144
Prabhakaran, P.J. *see* Goel, A.K. 2680
Prabhavathy, A.S., Sreenivas, T.V. Noise robustness in multi-level crossing interval based method of spectral estimation 4780
Prabhu, G.S., Kamath, V.N. Preparation and evaluation of certain derivatives of castor oil for their application in HT capacitors 17149
Prabhu, K.A. *see* Tamil, L.S. 43603
Prabhu, K.S. Computers in space systems—a case study of ISRO 30675
Prabhu, P.V. *see* Latorella, K.A. 7530
Prabhu, S.S. *see* Sharma, L.N. 39543
Prabhu, V.N. *see* Agarwal, S.H. 16453
Pracek, B. *see* Zalar, A. 10991
Pracht, J.L., Durvasula, R., Stevenson, W.H. Computer vision metrology via grazing incidence imaging 23886
Prack, E. *see* Djennas, F. 388
Prack, E. *see* Djennas, F. 40942
Prada, C. *see* Dorme, C. 13197
Prade, B., Vinet, J.Y. Guided optical waves in fibers with negative dielectric constant 35405
Prade, G., Rosler, F. Fully-digital closed-loop system for multiple applications 8803
Pradeep, B. *see* John, K.J. 33735
Pradell, L., Corbella, I., Comeron, A., Bara, J., Artal, E., Torres, F., Purroy, F., Barlabe, A., Sales, V. Advanced millimeter wave technology for mobile communication 30649
Pradell, L. *see* Purroy, F. 46278
Pradhan, D.K. *see* Chakradhar, S.T. 41842
Pradhan, D.K. *see* Gupta, S.K. 6314
Pradhan, D.K. *see* Kar, B.K. 4624
Pradhan, D.K. *see* Kunz, W. 10088
Pradhan, D.K. *see* Sharma, D.D. 34061
Pradhan, N., Narayana Dutt, D. Use of running fractal dimension for the analysis of changing patterns in electroencephalograms 7441
Pradhan, N., Narayana Dutt, D. Data compression by linear prediction for storage and transmission of EEG signals 47095
Prado, J. Fast linear phase filtering algorithm 4611
Prado, R.N.do *see* do Prado, R.N.
Praeger, C.E. *see* Cameron, P.J. 26310
Prager, K.E., Singer, P.F. Reducing the effects of quantization error in image compression systems: estimation of wavelet reconstruction filters using the LMS algorithm 13660
Prager, M. A two parameter iterative method for solving algebraic systems of domain decomposition type 41127
Prager, M. *see* Carlile, C.J. 47001
Prager, R. *see* Banakar, M.H. 8018
Prager, R. *see* Kok-Guan Lim 22230
Pragnell, R.F. Dew and frost formation on the condensation dewpoint hygrometer 14913
Prahlada *see* Asthana, C.B. 32163
Prajs, Z. *see* Dawidziuk, J. 17098
Prak, A., Lammerink, T.S.J., Fluitman, J.H.J. Review of excitation and detection mechanisms for micromechanical resonators 46360
Prakasa Rao, B.S. *see* Mahadasa, V. 5004
Prakasan, K.S. *see* Dixit, P.C. 16504
Prakash, A.K. Power amplifier for sonar application 46106
Prakash, C.B., Song, G.S., Adams, W.A. Modelling study on comparative impact of electric vehicles vs other alternative fuelled vehicles on energy usage and the environment 48207
Prakash, G.K.S. *see* Surampudi, S. 33014
Prakash, J. *see* Redey, L. 17253
Prakash, M.R.Bhanu *see* Bhanu Prakash, M.R.
Prakash, S. *see* Lewis, R.I. 32808
Prakash, S. *see* Zhang, D. 21381
Prakash Ganti, S. *see* Siva Prasad, N. 33567
Prakash Mital Dinesh *see* Dinesh Prakash Mital
Prakash Prem *see* Prem Prakash
Prakhin, A.F. Design measures for boiler plant with a circulating fluidised bed at Novomoskovsk Central Power Station 16670
Prakriya, M., McCabe, P.M., Holets, V.R. A computerized grid walking system for evaluating the accuracy of locomotion in rats 7333
Pramanick, P. Compact 900 MHz hairpin-line filters using high dielectric constant microstrip line 1448
Pramanick, P., Bhartia, P. A new efficient CAD technique for inductive reactance coupled waveguide bandpass filters 10403
Pramanick, S., Patnaik, B.K., Rozgonyi, G.A. Agglomeration-free nanoscale cobalt silicide film formation via substrate preamorphization 34844
Pramanick, S. *see* Erokhin, Yu.N. 10749
Pramanik, A., Bhaway, M.M., Krishna Dutt, R.V.S., Parmar, R.N., Premkumar, C. Circulating currents—its theory and measurement 6718
Pramatarov, P.M. *see* Karelin, A.V. 11938

Prampolini, F. *see* Franchi, S. 22593
Pranal, Y. *see* Guimbal, P. 43975
Prance, H., Prance, R.J., Spiller, T.P., Clark, T.D., Clippingdale, A., Ralph, J., Diggins, J., Widom, A. Probing the nonlinear electric susceptibility of ultra-small capacitance weak links 20205
Prance, H. *see* Diggins, J. 46397
Prance, R.J. *see* Clippingdale, A.J. 31964
Prance, R.J. *see* Diggins, J. 46397
Prance, R.J. *see* Prance, H. 20205
Pranchov, R., Athanassova, V., Georgiev, R., Pomakov, S. Reliability prediction of thick film hybrid integrated circuits 1757
Prandolini, R. *see* Ingram, J. 13041
Pranevichius, P. *see* Galdikas, A. 2135
Pranevicius, L. *see* Abraitis, V. 10939
Prang, J., Szczepaniak, P.S. Simulation of a controlled preheating process in power stations. A new approach using VHDL 8146
Prange, M.D., Stanke, F. Gaussian-beam expansions for focused transducers 16071
Prange, S.J., Klar, H. Cascadable digital emulator IC for 16 biological neurons 34198
Prank, U. *see* Kowalsky, W. 3388
Pranovich, V.I. *see* Zenchenko, S.A. 43592
Pranyavichus, G.I., Valakyavichus, E.I. On computer-aided design of numerical models of computer network units 37493
Praprost, K.L., Loparo, K.A. Power system transient stability analysis for random initial conditions and parameters 24651
Prasad, B.V.Hara *see* Hara Prasad, B.V.
Prasad, C. *see* Perfecto, E. 9307
Prasad, C.S. *see* Naseem, H.A. 311
Prasad, C.S. *see* Naseem, H.A. 9251
Prasad, G., Srivastava, N. Flash annealing-a new process for enhancing the conversion efficiency of n-WSe_2 single-crystal-based photoelectrochemical solar cells 25682
Prasad, G.D. *see* Jana, A.K. 7745
Prasad, G.Durga *see* Durga Prasad, G.
Prasad, G.Guru *see* Guru Prasad, G.
Prasad, G.S.S.D. *see* Fonseca, L.M.G. 39345
Prasad, I., Srivastava, R.S. Effect of negative air corona-stress on metal-oxide-semiconductor capacitors 34988
Prasad, K. Reliability studies on GaAs MESFETs fabricated using spin-on platinum source 43025
Prasad, K. *see* Perfecto, E. 9307
Prasad, K. *see* Swaminathan, M. 404
Prasad, K.S., Eswaran, C., Antoniou, A. New first-order complex digital-filter sections and their application for the realization of IIR filters 34163
Prasad, M., Martinez, O.E., Menoni, C.S., Rocca, J.J., Chilla, J.L.A., Hafich, M.J., Robinson, G.Y. Transient grating measurements of ambipolar diffusion and carrier recombination in InGaP/InAlP multiple quantum wells and InGaP bulk 42488
Prasad, M., Rao, L.V., Chakravorty, S., Moni, R.S., Dass, R., Khan, A.J., Ambekar, V.D., Shrouty, S.D. Evaluation of HVDC bipole performance as influenced by a multifeed system at one end 47493
Prasad, N.L. *see* Marar, T.M.K. 47018
Prasad, N.Siva *see* Siva Prasad, N.
Prasad, P.N. *see* Burzynski, R. 20234
Prasad, P.N. *see* Orczyk, M.E. 44163
Prasad, P.N. *see* Swiatkiewicz, J. 44108
Prasad, R. An overview of code division multiple access systems for universal personal communications networks 13868
Prasad, R. Building tomorrow's PCBs. The future is now! 34384
Prasad, R. An overview of millimeter waves for future personal wireless communication systems 36218
Prasad, R., Decotignie, J.-D. Field buses—the great bazaar. II. Specification 30459
Prasad, R., Decotignie, J.D. The field buses—the large bazaar. I. The problems of industrial communication 14199
Prasad, R., Jansen, M.G., Kegel, A. Capacity analysis of a cellular direct sequence code division multiple access system with imperfect power control 5787
Prasad, R., Jansen, M.G., van Deursen, J.-P. Frequency hopping slotted ALOHA in a shadowed radio environment 14390
Prasad, R., Jansen, M.G., van Deursen, J.P. Multiple-frequency slotted ALOHA in a shadowed and Rician faded radio environment 5728
Prasad, R., Kegel, A. Effects of Rician faded and log-normal shadowed signals on spectrum efficiency in microcellular radio 5774
Prasad, R., Spaargaren, P.A.D., Bons, J.H. Teletext reception in a mobile channel for a broadcast tele-information system 22504
Prasad, R., Van Lieshout, B.C. Cochannel interference probability for micro- and picocellular systems at 60 GHz 14469
Prasad, R., Walther, E., Ponson, R. Performance analysis of hybrid SFH/DS CDMA networks for personal communication systems 37802
Prasad, R. *see* Hollemans, W. 45789
Prasad, R. *see* Janssen, G.J.M. 45842
Prasad, R. *see* Koch, R.C.N. 21653
Prasad, R. *see* Linnartz, J.P.M.G. 37794
Prasad, R. *see* Wesselman, E. 30645
Prasad, R. *see* Wijffels, C.A.F.J. 22845
Prasad, R. *see* Yang, L. 22133
Prasad, R. *see* Kegel, A. *(editor)* 33255
Prasad, S., Bruner, M., Chen, F., Gandhi, M., Lu, Y.C., Kao, C.Y., Yang, S., Hata, W. A triple level metal process for high performance and high density 0.6 μm/5 V application specific integrated circuits 20009
Prasad, S. *see* Bulutay, C. 21336
Prasad, S. *see* Chakraborty, M. 45013
Prasad, S. *see* Parthasarathy, H. 4737
Prasad, S. *see* Parthasarathy, H. 36770
Prasad, S. *see* Ramamurthy Acharya, B. 41430
Prasad, S. *see* Vai, M. 19016
Prasad, S. *see* Vyas, A.L. 14728
Prasad, S.B. Automatic feedwater flow control for a monotube boiler 32661
Prasad, S.C. *see* Roy, K. 33984
Prasad, S.J. A method of measuring base and emitter resistances of AlGaAs/GaAs HBTs 11179
Prasad, S.J., Hultine, E. Reliability of carbon doped based AlGaAs/GaAs HBTs as a function of collector current 28111
Prasad, S.J. *see* Vetanen, B. 27782
Prasad, S.K. *see* Ruth, J. 3211
Prasad, S.S. Digital subscriber connection unit (CSN) 14315
Prasad, T. *see* Sharma, R.V. 36175
Prasad, V. *see* Fang, C.C. 27984
Prasad, V.B. Digital systems with intermittent faults and Markovian models 9357
Prasad, V.B., Hoadley, C. Improving reliability in VLSI systems through redundant modules 18750
Prasad, V.C., Gaur, P.B.L. A note on the generalised Katzenelson's method for piecewise linear resistive networks 9919
Prasanna, B.S. *see* Keshava Murthy, V. 45710
Prasanna, V.K. *see* Heonchul Park 21969
Prasanna, V.K. *see* Heonchul Park 41946
Prasanna, V.K. *see* Khokhar, A. 4927
Prasanna, V.K. *see* Park, H. 18764
Prasannan, V., Smith, K. Testing to evolving telecommunications standards 23459
Praseuth, J.P. *see* Scavennec, A. 6029
Prask, H.J. *see* Brand, P.C. 46639
Prassek, A. *see* Catchpole, P. 17520
Prastitis, L.A., Frank, J., Himonas, S.D. A new CFAR processor in nonhomogeneous background and multiple target situations 46056
Prasuhn, D. *see* Brittner, P. 7066
Prasuhn, D. *see* Derissen, W. 7065
Prat, C., Autric, M., Inglesakis, G. Pulsed CO_2 laser-material interaction: thermomechanical effects 20959
Prat, R. *see* Duinhoven, J. 15037
Prata, A. *see* Jenn, D.C. 4298
Prata, A., Jr. *see* Moreira, F.J.S. 44603
Prata, A., Jr *see* Santiago, D.G. 34224
Pratapas, J.M. *see* Angello, L.C. 8123
Prater, C.B. *see* Huber, C.A. 33763
Prather, W.D. *see* Baum, C.E. 44394
Prather, W.D. *see* Cox, B.L. 12645
Prati, F. *see* Brambilla, M. 35917
Prati, F. *see* Coates, A.B. 35650
Prati, G. *see* Forghieri, F. 46021
Prati, P. *see* Cavagnetto, F. 7503
Pratico, E.R., Eitzmann, M.A. A microcomputer-based data acquisition system for transient network analyzer operation 47612
Prato, A.Pini *see* Pini Prato, A.
Prato, T.Del *see* Del Prato, T.
Pratt, J., Flatau, A.B. Development and analysis of a self-sensing magnetostrictive actuator design 35252
Pratt, M. *see* Misra, P. 38182
Pratt, R.E. *see* Heinz, W.W. 23759
Pratt, R.E. *see* Stromswold, E.I. 9245
Pratt, W.H. Digital communications. 4. Process IF signals with amplifiers and quad demodulators 37715
Pratt, W.J. ICs simplify the design of digital communications links 5713
Pravda, V.I., Borisenko, A.A., Yaremenko, V.A. Analysis of space-time characteristics of generator-radiating modules on dielectric resonators 20124
Pravda, V.I., Borisenko, A.A., Yaremenko, V.A. Synthesis of energy-optimal structure of circuits for oscillator-emitting modules in extremely low frequency band 21451
Pravda, V.I., Borisenko, A.A., Yaremenko, V.A. State of the art and prospects of using oscillator-radiator modules for active phased antenna arrays (an overview) 42223
Pravda, V.I., Borisenko, A.A., Yaremenko, V.Ya. Synthesis of solid state oscillator-emitter modules on dielectric microwave resonators 19083
Praveenkumar, A. *see* Selvanayagam, A.J. 30938
Prawer, S. *see* Weiser, P.S. 861
Prazeres, R., Glotin, F., Ortega, J.M. Optical mode analysis on the CLIO infrared FEL 43977
Prazeres, R. *see* Glotin, F. 3683
Prazeres, R. *see* Glotin, F. 7019
Prazeres, R. *see* Glotin, F. 43976
Prazeres, R. *see* Jaroszynski, D.A. 44005
Prcic, M.M. Flyable fiber-optic radar target generator 38162
Preas, B.T. *see* Pedram, M. 18409
Preater, R., Swain, R. Fourier transform fringe analysis of ESPI fringes from rotating components 3911
Preater, R. *see* Swain, R. 31485
Preatoni, R. *see* Costa, V. 34341
Preble, J. *see* Jordan, K. 15295
Prechtl, A., Strasser, K. On plane magnetic fields in saturable materials 3985
Preciso, R. *see* Palmieri, V. 15512
Preciso, R. *see* Palmieri, V. 46789
Preda, A. *see* Ranucci, G. 24062
Prediger, N. *see* Plattner, A. 4113
Prediger, R., Schulte, E. Bipolar constant current source. Shunt current limitable as required 41633
Preece, A.W., Johnson, R.H., Green, J.L., Robinson, M.P. Dielectric imaging for localisation and detection of breast tumours 7366
Preece, A.W. *see* Johnson, R.H. 7338
Preez, H.Du *see* Du Preez, H.
Preez, J.A.du *see* du Preez, J.A.
Preez, W.du *see* du Preez, W.
Preger, M.A. Review of studies of electron-positron factories 15375
Preger, M.A. *see* Antonelli, A. 24054
Pregla, R. The method of lines for the modelling of microwave structures—its properties and potentialities 27190
Pregla, R., Ahlers, E. Method of lines for analysis of discontinuities in optical waveguides 3112
Pregla, R., Yang, W. Method of lines for analysis of multilayered dielectric waveguides with Bragg gratings 12678
Pregla, R. *see* Dreher, A. 18997
Pregla, R. *see* Pascher, W. 20351
Pregla, R. *see* Pascher, W. 20358
Pregla, R. *see* Rogge, U. 44527
Preininger, G. *see* Aubin, J. 25519
Preiss, M. *see* Clausnitzer, G. 31621
Preiss, O. *see* Brand, K.P. 24751
Preissler, M. *see* Massig, J.H. 39004
Preissner, J., Huamann-Bollo, G.-H., Mahlich, G., Schuck, J., Sahm, H., Weingart, P., Weinsziehr, D., Yeandel, J., Evans, R. An open modular test concept for the DSP KISS-16V2 1264
Prelec, K. *see* Alessi, J.G. 38835
Prelewitz, D.F., Brown, T.G. Optical limiting and free-carrier dynamics in a periodic semiconductor waveguide 44047
Preliasco, R. A wide-look-angle gimbal for an airborne electro-optical system 47182
Prelov, V.V., van der Meulen, E.C. The capacity of a continuous alphabet memoryless channel with vector-valued inputs satisfying small mean energy and peak power constraints 12803
Prelov, V.V., van der Meulen, E.C. An asymptotic expression for the information and capacity of a multidimensional channel with weak input signals 36463
Prem Kumar *see* Chonghoon Kim 28982
Prem Prakash *see* Balasubrahmanian, A.K. 16509
Premachandran, V. *see* Balasubramanian, S. 10659
Premkumar, C. *see* Pramanik, A. 6718
Premkumar, M.K., Yun, D.I., Sawtell, R.R. Lightweight high thermal conductivity aluminum composites for electronic packaging 368
Premkumar, M.K., Yun, D.I., Sawtell, R.R. Advanced aluminum composites for high-performance applications in electronic packaging 18313
Premkumar, S.B., Harman, T.L., Houston, A.G., Luong An Nguyen Robot control from sequential image planes of a 3D object 24337
Premoli, A., Rastello, M.L. Minimax refining of wideband antireflection coatings for wide angular incidence 43605
Premoli, A. *see* Biey, M. 1000
Premoli, A. *see* Tavella, P. 46644
Premont, G. *see* Zhai, H.C. 11695
Premraj, M.K. *see* Deshpande, S.V. 16506
Premzel, B., Jezernik, K., Wagner, C. Low cost AC-drive controller for electric cars 48314
Premzl, B. *see* Jezernik, K. 17464
Prendergast, J.G. Reliability, yield and quality correlation for a particular failure mechanism 33449
Preneel, B. Standardization of cryptographic techniques 21582
Preneel, B., Govaerts, R., Vandewalle, J. On the power of memory in the design of collision resistant hash functions 21560
Preneel, B., Govaerts, R., Vandewalle, J. An attack on two hash functions by Zheng-Matsumoto-Imai 21578
Preneel, B. *see* Vandewalle, J. 22649
Preneel, B., Govaerts, R., Vandewalle, J. *(editors)* Computer Security and Industrial Cryptography. State of the Art and Evolution. ESAT Course 17666
Prenel, J.P. *see* Thiery, L. 46420
Prengaman, R.D. Status report on ALABC state of the art assessment programs 40436
Prenger, R. *see* Clarke, E.S. 6047
Prentice, S. The PBX as a universal access platform 45712
Prentiss, M. *see* Constable, A. 12312
Prentslau, M.N. *see* Dmitriev, V.M. 31378

Prentzas, L.K. *see* Gialelis, J.B. 5600
Presby, H.M. *see* Alferness, R.C. 45985
Presby, H.M. *see* Giles, C.R. 3504
Presby, H.M. *see* Young, M.G. 23005
Prescha, T. *see* Bever, T. 19509
Prescott, C. *see* Saez, P. 23989
Prescott, C. *see* Schultz, D. 38807
Presedo, J. *see* Barro, S. 7458
Presle, G. New railway track measuring wagon of the Austrian railways—principles and applications 31112
Presnak, R.G., Yee, B.H. Life extension: the benefits are real 39923
Presnell, M.J. *see* DeVeau, G.F. 6006
Press, K.K. *see* Embrey, J. 17179
Press, W. *see* Muller, M. 2022
Pressel, K. *see* Scholz, F. 9588
Presser, N. *see* Stupian, G.W. 41028
Pressmar, K. *see* Krumpholz, O. 5881
Prestage, J.D., Tjoelker, R.L., Wang, R.T., Dick, G.J., Maleki, L. Hg^+ trapped ion standard performance with the superconducting cavity maser oscillator as LO 23381
Prestel, W. *see* Mayer, K.H. 16558
Presti, M.Lo *see* Lo Presti, M.
Presting, H. *see* Engvall, J. 19387
Presting, H. *see* Splett, A. 38521
Preston, D. Aircraft fuel control diagnostic fault detection through expert systems 15965
Preston, J. *see* Taylor, J. 5694
Preston, M.E. *see* Thornley, J.K. 11419
Preston, S. *see* Harrison, H.B. 2176
Preston, T.W. *see* Parkin, T.S. 8383
Preston, T.W. *see* Sturgess, J.P. 8331
Prete, G. *see* Benchekroun, D. 7218
Prete, G.F. *see* Signorini, C. 31799
Prete, T.Del *see* Del Prete, T.
Prete, Z.Del *see* Del Prete, Z.
Preteux, F. *see* Descombes, X. 29864
Pretlow, R.A. *see* Zuckerwar, A.J. 31863
Pretorius, P.H. Probabilistic prediction of magnetic field intensities from overhead power lines 47538
Pretorius, P.H., van Aswegen, A., Lotter, M.G., Herbst, C.P., Nel, M.G., Otto, A.C. Verification of a varying threshold edge detection SPECT technique for spleen volume: a comparison with computed tomography volumes 24248
Pretre, S. *see* Aroua, A. 32001
Pretterebner, J. *see* Chong, C.K. 27430
Pretterebner, J. *see* Wang, Q.S. 27429
Pretti, J.R. The full scope simulator of Daya Bay [nuclear power station] 25141
Prettl, W. *see* Huggard, P.G. 23642
Prettl, W. *see* Huggard, P.G. 35543
Pretzenbacher, R., Fangmeyer, H. No jams. Perfect wire using Siemens drive technology 40670
Pretzl, K. Superconducting granule detectors 24039
Pretzl, K. *see* Abplanalp, M. 24046
Pretzl, K. *see* Leoni, R. 24048
Preuss, A. Criteria for interchangeability of field equipment 23416
Preuss, T. *see* Schneider, J.M. 30384
Prevedel, D. *see* Roszel, L. 306
Prevedourou, D., Martini, G., Galis, A., Nyong, D. OSA systems: structure, functionality and behavioural description by means of a distributed processing model 37218
Previtali, E. *see* Alessandrello, A. 15622
Previtali, E. *see* Alessandrello, A. 24024
Previtali, E. *see* Alessandrello, A. 24025
Previtali, E. *see* Alessandrello, A. 24031
Previtali, E. *see* Camin, D.V. 20021
Prevost, D. *see* Arsenault, H.H. 13511
Prevosto, M. *see* Basseville, M. 6865
Prevot, R. *see* Henein, J. 14454
Prewett, P.D., Martin, B., Eastwood, A.W., Watson, J.G. FIB repair of 5X reticles and effects on IC quality 19682
Prewett, P.D., Martin, B., Eastwood, A.W., Watson, J.G. Effects of focused ion beam reticle repair on optical lithography at *i*-line and deep ultraviolet wavelengths 27921
Prewett, P.D., Martin, B., Watson, J.G., Eastwood, A.W., Jonckheere, R. FIB repair of reticle defects with antistaining-effects on optical lithography from G-line to DUV 28008
Prewett, P.D. *see* Brambley, D. 42807
Prewett, P.D. *see* Cui, Z. 28012
Prewett, P.D. *see* Huq, S.E. 28040
Pria, C. The zinc-air battery 48099
Priaroggia, P.Gazzana *see* Gazzana Priaroggia, P.
Pribat, D. *see* Agius, B. 18276
Pribat, D. *see* Stroh, R.J. 34952
Pribetich, J. *see* Duhamel, F. 47115
Pribetich, P. *see* Huret, F. 10389
Price, C.B., Wambacq, P., Oosterlinck, A. The reaction-diffusion cellular neural network 4973
Price, D. *see* Tawfik, T. 40002
Price, D.A., Ward, S. High-speed plastic (PMMA) optical fibre data transmission system suitable for high-speed local area networks and interconnects 5964
Price, D.L. *see* Lakshmikumar, K.R. 37862
Price, E.G. An overview of the metallurgical investigations into the failure of Darlington NGS Unit 2 fuel bundle end plates 8078
Price, G. Tape formulations and materials for short wavelength digital video tape recording 31059
Price, J.C. *see* Beall, J.A. 1442
Price, J.C. *see* Gait, D. 11530
Price, J.C. *see* Pieper, J.B. 38646
Price, J.G. *see* Nianzeng Che 39344
Price, J.V., Kuretski, J.J., Schindler, E.S. Retrofit of low NO_x oil/gas burners to two 400 MW utility boilers, and the effects on overall emissions and boiler performance 8185
Price, K. Practices for solving end-user power quality problems 47449
Price, L.E. *see* Job, P.K. 31758
Price, L.R. *see* Riley, S.P. 7217
Price, M., Sandler, M.B. Performance of novel structures for high order recursive digital filters 42054
Price, M. *see* Jones, R.T. 46908
Price, P.B. *see* Coleman, R.V. 15656
Price, P.Buford *see* Buford Price, P.
Price, R.A. *see* Clelland, I.W. 26721
Price, T.E., Redford, M. An academic-industry partnership: a case study of a teaching company 33260
Price, T.E. *see* Bennett, D.J. 2035
Price, T.E. *see* Bennett, D.J. 10824
Price, T.E. *see* Bennett, D.J. 19525
Price, W. Implementation of a maintenance proficiency testing program at the Calvert Cliffs Nuclear Power Plant 39777
Price, W.W. *see* Sanchez-Gasca, J.J. 7721
Prichard, D.J. *see* Richards, B.P. 27374
Prichodko, A. *see* Celik, V. 44597
Priddy, W.J. Multiphase flowmetering and calibration philosophy 23932
Pridmore, T.P., Hales, W.M.M. Approaches to the university teaching of image analysis and understanding 13838
Priebe, C.E., Solka, J.L., Rogers, G.W. Discriminant analysis in aerial images using fractal based features 36806
Priebe, C.E. *see* Hayes, H.I. 36808
Priebe, C.E. *see* Solka, J.L. 36807
Priebe, R., Wilson, G. Application of 'matched' wavelets to identification of metallic transients 13362
Priemer, R. *see* Joshi, S.P. 18011
Priest, J., Bordett, H., Smith, C., Jr., DuBois, P., Vanecek, D., Holt, B. Liquid metal—jetting: its application to SMT 34416
Priest, J., Jacobs, E., Smith, C., Jr., DuBois, P., Bordett, H., Holt, B. Liquid metal-jetting technology and its application to hybrid technology 19258
Priest, J.W., Bodensteiner, W., Muir, N.K. A survey of educational and training needs for transition of a product from development to manufacturing 33313
Priester, C. *see* Maaref, H. 11817
Prieto, A. *see* Ortega, J. 18587
Prieto, A. *see* Ortega, J. 18588
Prieto, A. *see* Pereda, J.A. 4214
Prieto, A. *see* Solano, M.A. 4216
Prieto, A. *see* Vegas, A. 4179
Prieto, A. *see* Vielva, L.A. 29243
Prieto, J.L.S.E. *see* Lopez, F.J.R. 7575
Prieto, P., Gomez, M.E., Chacon, M., Moran, O., Oyola, D. Superconducting and structural characteristics of $YBa_2Cu_3O_{7-x}$ thin films on Si(001) substrates with YSZ buffer layers 11519
Prieto, P. *see* Vega, L. 29845
Prieto, X. *see* Linares, J. 29236
Prieur, E., Tuomi, T., Partanen, J., Yli-Juuti, E., Tilli, M. Synchrotron topographic study of defects in liquid-encapsulated Czochralski-grown semi-insulating gallium arsenide wafers 644
Prieur, F. *see* Matt, D. 41638
Prigent, D. *see* Ambrosini, G. 38419
Prigent, D. *see* Ambrosini, G. 38898
Prigent, L., Hamaide, J.-P. Measurement of fiber nonlinear Kerr coefficient by four-wave mixing 20302
Prigent, P., Huguet, M., Lacour, B., Brunet, H. X-ray preionization source for a pulsed HF chemical laser 11993
Prijic, Z. *see* Pavlovic, Z. 2544
Prikhod'ko, L.I. *see* Vologdin, A.G. 12603
Prikhod'ko, V.N., Fedorishin, V.V. Determination of damage to stainless steels by intercrystalline corrosion 9860
Prikhod'ko, V.N., Fedorishin, V.V. Inspection of intercrystalline corrosion under production conditions 41525
Prikhozhii, A.A., Brich, V.G. Theory and tools of the digital VLSI algorithmic and architecture design 1123
Prilegaev, D. *see* Fromzel, V. 20659
Prilepskii, E.D. *see* Mints, M.Ya. 45135
Prilepskii, V.V. *see* Zhuravlev, B.I. 15596
Prilepskiy, V.V. Optimal amplitude-phase conversion in carrier frequency restoration systems 36690
Prillwitz, G. Circuit simulators for electrical components 9878
Primak, S.L. *see* Kontorovich, V.Ka. 44385
Primdahl, F., Hernando, B., Petersen, J.R., Nielsen, O.V. Digital detection of the flux-gate sensor output signal 46404
Primdahl, F., Nielsen, O.V., Petersen, J.R., Ripka, P. High frequency fluxgate sensor noise 46415
Primdahl, K. *see* Bridges, J.F. 15499
Primeaux, F. *see* Joiner, B. 380
Primiani, V.M., Elisei, R. Power supply noise and immunity 26701
Primiani, V.M. *see* Cerri, G. 24338
Primiani, V.M. *see* Cerri, G. 34339
Primiani, V.M. *see* Cerri, G. 42289
Primus, I.-F. Factory completed concrete substations in the new federal regions 8714
Prince, A., Brannick, M.T., Prince, C., Salas, E. Team process measurement and implications for training 153
Prince, C. *see* Prince, A. 153
Prince, J. *see* Ackerman, E. 5949
Prince, J.L. *see* Gribbons, M. 17916
Prince, J.L. *see* Senthinathan, R. 17842
Prince, J.L. *see* Senthinathan, R. 17896
Prince, J.L. *see* Senthinathan, R. 17915
Prince, J.L. *see* Senthinathan, R. 19999
Prince, J.L. *see* Senthinathan, R. 43107
Prince, J.L. *see* Yui-Sheng Tsuei 40937
Prince, J.M., Hildebrand, B.P., Hower, G.L. The eddy current probe as a holographic transducer 41513
Princen, J. Transporting video services on ATM networks 5555
Principe, J.C., Chang, T.-G., Gala, S., Tome, A. Information processing models for sleep staging 7429
Principe, J.C., Jyh-Ming Kuo Using the outputs of the Poisson filter chain to reconstruct attractors 44927
Principe, J.C., Kuo, J.-M. Noise reduction in state space using the focused gamma neural network 36674
Principe, J.C. *see* Oliveira e Silva, T. 1330
Prinetto, P. *see* Cabodi, G. 1161
Pring, I. Video standards and the end-user 14821
Pringle, R.D. *see* Grant, P.M. 13793
Pringle, R.D. *see* Mowbray, S. 22327
Pringle, R.D. *see* Povey, G.J.R. 22779
Prins, E. *see* van der Linden, A. 15405
Prins, F.E., Lehr, G., Burkard, M., Nikitin, S.Yu., Schweizer, H., Smith, G.W. Quantum dots and quantum wires with high optical quality by implantation-induced intermixing 27542
Prins, F.E. *see* Adler, F. 27553
Prins, S.L. *see* Krukar, R.H. 6780
Prinsloo, J.A. *see* Hamersma, B. 14290
Prinsloo, J.J.R. *see* Campbell, C.K. 8731
Printz, H., Stubley, P. Multialphabet arithmetic coding at 16 MBytes/sec 4391
Prinz, E.J. *see* White, T.R. 19664
Prinz, J., Loy, D. Well-connected: configuration software for LON systems 45623
Priolo, F. *see* Coffa, S. 10843
Priolo, F. *see* Raineri, V. 10830
Prior, F.W. *see* Wirsz, E. 5519
Prior, J.O., Antich, P.P., Fernando, J., Anderson, J.A., Kulkarni, P.V., Parkey, R.W., Chaney, R.C., Fenyves, E.J. Imaging strategies with scintillating fiber detectors: issues and preliminary results 24074
Prior, J.O. *see* Anderson, J.A. 24244
Prior, K.A. *see* Cavenett, B.C. 12241
Prior, K.A. *see* Kawakami, Y. 20853
Prior, R.P., Shah, P.N., Plys, M.G. Development of the MAAP code for the analysis of VVER PWRs 39882
Prior, T.R. *see* Nettleton, D.H. 23626
Priori, S. *see* Andreuccetti, D. 15906
Prioste, J.E. *see* Houghten, J.L. 23066
Prioul, H. *see* Richard, C.J. 38327
Prisco, R.De *see* De Prisco, R.
Priscoli, F.D. *see* Baiocchi, A. 45829
Priscoli, F.Delli *see* Delli Priscoli, F.
Prisner, E. The dynamics of the line and path graph operators 26293
Prisniakov, V. The ecological situation and CIS scientists' work on the SPS problem 32015
Prister, V. Interfacing of the actual television and future HDTV system 14799
Pritchard, D. *see* Cenanovic, M. 16600
Pritchard, D.J. *see* Cooper, J.M. 46524
Pritchard, T.I. *see* Taylor, D. 18900
Pritchard, T.M. *see* Calcutt, S.B. 24493
Pritchard, W.L. *see* Nelson, R.A. 45896
Pritychenko, B.V. *see* Kuz'minov, V.V. 7164
Privalov, I.N. *see* Popkov, V.I. 24943
Privalov, V.E., Sanin, A.L. Spatial relaxation of electrons in gas-discharge lasers 20597
Privalov, V.E. *see* Demkin, V.N. 28945
Privalov, V.E. *see* Zamorskii, M.K. 35699
Privette, A. *see* Miri, S.M. 47522
Privitera, V. *see* Vandervorst, W. 46568
Prljaca, N., McCabe, H. 3D geometrical model building for visual robot control 5069
Proakis, J.G. *see* Jingdong Lin 37789
Proakis, J.G. *see* Krim, H. 13248
Proakis, J.G. *see* Krim, H. 21820
Proakis, J.G. *see* Stojanovic, M. 13953
Proakis, J.G. *see* Tyner, D.J. 43315
Probasco, D.R. *see* Craig, J.F. 39502
Prober, D.E. *see* Gaidis, M.C. 24052
Probert, P. *see* Gaskell, A. 29569
Probizer, A. *see* Moretti, A. 16713
Probst, F. *see* Colling, P. 20190
Probst, F. *see* Ferger, P. 38850

Probst, F. *see* Forster, G. 23528
Probst, F. *see* Frank, M. 24026
Probst, F. *see* Nagel, U. 24049
Probst, P.-A., Jaquier, A. Multiple-channel digital lock-in amplifier with PPM resolution 46338
Probst, U. Comparison of disturbance suppression strategies for servo drives 8864
Probst, W. *see* Friedrich, M. 15334
Probstel, U. *see* Jennewein, E. 23963
Prochazkova, O., Novotny, J. Low-temperature LPE overgrowth of InGaAs/InP mesa heterostructure 722
Prochukhan, V.D. *see* Kradinova, L.V. 1867
Prock, J. *see* Chou, H.P. 25168
Procopio, M., Potter, D. Tn3270: a low-cost option for SNA internetworking 30479
Proctor, B., Westwig, E., Wise, F. Characterization of Kerr-lens mode locked Ti:sapphire laser with positive group-velocity dispersion 3491
Proctor, B., Wise, F. Generation of sub-20 femtosecond pulses from mode-locked $Ti:Al_2O_3$ lasers with reduced cubic phase 20698
Prodinger, H. *see* Flajolet, P. 41219
Prodinger, H. *see* Kirschenhofer, P. 503
Produit, N. *see* Amidei, D. 46890
Produit, N. *see* Tkaczyk, S. 46989
Proesmans, M. *see* Pauwels, E.J. 30072
Profet, K.J., Lavine, C.H., Meyer, K.R. The risk of trust vs. the cost of assurance—trades in the implementation of a secure LAN 45466
Proffitt, J.D. Network connection and traffic interchange agreements—a wireless personal communications opportunity 14486
Proffitt, J.T. Life cycle costs of aircraft systems 47150
Profumo, F. *see* Abe, T. 17453
Profumo, F. *see* Boglietti, A. 17483
Profumo, F. *see* Boglietti, A. 25875
Profumo, F. *see* Boglietti, A. 40222
Profumo, F. *see* De Doncker, R.W. 8260
Profumo, F. *see* De Doncker, R.W. 17500
Profumo, F. *see* Habetler, T.G. 17456
Profumo, F. *see* Kosc, P. 17427
Profumo, F. *see* Kosc, P. 25462
Progler, C. *see* Rosenbluth, A.E. 27896
Progler, C.J., Chen, A.C., Gunther, T.A., Kaiser, P., Cooper, K.A., Hughlett, R.E. Overlay performance of X-ray steppers in IBM Advance Lithography Facility 27976
Progler, C.J., Chen, A.C., Hughlett, E. Alignment signal failure detection and recovery in real time 27893
Prohaska, R. *see* Garate, E. 46812
Prohaska, R. *see* Xiaoling Zhai 42369
Prokes, S.M., Rai, A.K. A comparison of two epitaxial formation mechanisms in the SiGe 9599
Prokhaev, A.A. Interelektro: an international organization confronts new conditions 33211
Prokhorov, A.M. *see* Aleksandrov, M.T. 15895
Prokhorov, A.M. *see* Apollonov, V.V. 35924
Prokhorov, A.M. *see* Zagumennyi, A.I. 35748
Prokhorov, E.D. *see* Arkusha, Yu.V. 19027
Prokhorov, E.F. *see* Gorev, N.B. 1874
Prokhorov, Ye.N. *see* Avrutskii, V.A. 9807
Prokhorov, Yu.A. *see* Voronin, V.E. 17827
Prokhorov, Yu.N. *see* Maksimov, E.M. 29532
Prokhorova, G.A. *see* Zagorskii, A.E. 40166
Prokin, M. DMA transfer method for wide-range speed and frequency measurement 15161
Prokki, M. *see* Bultitude, R.J.C. 4101
Proklov, V.V., Korablev, E.M. Multichannel waveguide devices using collinear acoustooptic interaction 3249
Proklov, V.V., Korablev, E.M. Guided-wave multichannel acoustooptic devices based on collinear wave propagation 20439
Prokof'ev, E.V. *see* Kurbatov, A.L. 23648
Prokofiev, V.V. *see* Sochava, S.L. 3917
Prokofiev, V.V. *see* Frejlich, J. 31525
Prokofiev, V.V. *see* Kamshilin, A.A. 12375
Prokohsin, P.V. *see* Mikhailov, V.P. 21043
Prokop, J., Rodzinski, J. Program for calculating single-phase commutator motors 8302
Prokop, J.S. Pre-competitive industry cooperation in the United States 9363
Prokopenko, V.G. *see* Zinchenko, L.A. 18401
Prokopenko, Y.A. *see* Kuznetsov, B.I. 40266
Prokopenko, Yu.B. *see* Zaitsev, B.D. 14982
Prokopovich, S.R. *see* Orendi, R.G. 39735
Prokopowicz, P.N., Cooper, P.R. Early vision network for a moving eye: dynamic contrast and motion detection 22221
Prokoshin, P.V. *see* Yumashev, K.V. 20685
Prokoshin, P.V. *see* Yumashev, K.V. 21004
Prokoski, F.J., Riedel, R.B., Coffin, J.S. High security tagging system for evidence marking and verification 4962
Prokoski, F.J., Riedel, R.B., Coffin, J.S. Identification of individuals by means of facial thermography 7365
Prokoski, F.J. *see* Coffin, J.S. 5809
Prokoski, F.J. *see* Riedel, R.B. 6567
Prokuda, B. Impact of small horse-power adjustable-speed drives, as a significant part of the plant load 48174
Prokuronov, M.V. *see* Afanasiadi, L.Sh. 7197
Prol, M. *see* Fraile-Pelaez, F.J. 3022
Prome, M. Review of continuous beam electron machines 15268
Promel, F., Joachain, P., Maun, J.C. Application of artificial intelligence to surveillance of high-voltage network equipment 16428
Promhouse, G. Tree compacting transformations 4397
Prommas, F. *see* Dejhan, K. 10366
Pronchenko, V.N. *see* Belikov, S.V. 7199
Pronchenko, V.N. *see* Belikov, S.V. 7200
Prongue, D., Herzig, H.P. Total internal reflection holography for optical interconnections 44165
Prongue, D. *see* Ehbets, P. 12425
Pronko, M.S. *see* Lehmberg, R.H. 35952
Pronko, P.P. *see* Steckl, A.J. 2076
Pronko, P.P. *see* Steckl, A.J. 10819
Pronske, K.L. *see* Bender, S.K. 39979
Proost, A. *see* Gelders, L. 17761
Propst, E.K., Kohl, P.A. The electrochemical oxidation of silicon and formation of porous silicon in acetonitrile 42734
Propst, E.K., Vogt, K.W., Kohl, P.A. Photoelectrochemical etching of GaSb 19556
Prosek, A., Kozuh, M., Mavko, B., Petelin, S. When to use bleed and feed during small break LOCA 39875
Prosek, A., Mavko, B., Stritar, A. Statistical method used for LB LOCA PCT calculation 39874
Proselkov, V.N. *see* Shcheslov, A.S. 32593
Proskurovskii, D.I. *see* Batrakov, A.V. 42356
Proskurowski, W., Vassilevski, P.S. Preconditioning capacitance matrix problems in domain imbedding 41142
Proskuryakov, A.L. *see* Buzulutskov, A.F. 31767
Proskuryakov, G.V. *see* Akimov, N.K. 16689
Prosnitz, D. *see* Pellegrini, C. 44002
Prosnitz, D. *see* Sampayan, S.E. 34469
Prosolovch, V.S. *see* Borschensky, V.V. 9508
Prosolovch, V.S. *see* Borschensky, V.V. 18135
Prosperi, D. *see* Belli, P. 7236
Prosser, S. Systems applications in automobile & avionics markets 46369
Prost, G. *see* Fukushima, S. 33159
Prost, R. *see* Akrout, N. 13802
Prost, W. *see* Kraus, J. 2594
Prost, W. *see* Liu, Q. 33644
Prost, W. *see* Scheffer, F. 28206
Prosvirnin, A.L. *see* Oskeldchik, Yu.S. 26398
Protas, A.I. *see* Golovko, Ya.D. 11471
Protin, L. *see* Piel, A. 47358
Protiwa, F.-F., Apeldoorn, O., Groos, N. New IGBT model for PSPICE 2538
Protiwa, F.-F., Seekamp, E. Experimental results using MCTs in hard and soft switching modes 2510
Proto, G., Zuenkov, M. An operator aid system based upon the simulated operational experience 40032
Protonotarios, E.N. *see* Andreatos, A.S. 23283
Protonotarios, E.N. *see* Venieris, I.S. 14049
Protopopov, I. *see* Benvenuti, A. 7252
Protsenko, D.E. *see* Akimov, A.G. 11929
Protsenko, S.G. *see* Beltyugov, V.N. 28575
Protti, M. *see* Bottoni, P. 29976
Proudfoot, G. *see* Cox, S.J. 38836
Proudfoot, G. *see* McAdams, R. 15594
Proudfoot, J. The SDC central calorimeter 31748
Proudfoot, J. *see* Job, P.K. 31758
Proudler, G. *see* Rowe, H. 30333
Proudler, I.K., McWhirter, J.G. Algorithmic engineering in adaptive signal processing: worked examples 36707
Proudler, I.K. *see* McWhirter, J.G. 13386
Proudler, I.K. *see* Timmoneri, L. 46088
Proudley, G.M., Stace, C., White, H. Fabrication of two-dimensional fiber optic arrays for an optical crossbar switch 43437
Proudley, G.M. *see* Stace, C. 43385
Proudley, G.M. *see* Walker, A.C. 11904
Prough, S.D. *see* Chroneos, R.J. 1702
Prouse, D.W. The BT experience of implementing 140 Mbit/s 8-PSK carriers for transatlantic cable restoration purposes 14553
Proust, I., Sauviac, B., Amalric, J.L., Baudrand, H. Influence of feed probes on input impedance and performance of patch antennas 29332
Proust, N. *see* Guillot, E. 34949
Prout, L. Aspects of lead/acid battery technology. XIII. Battery oxide 25656
Prouty, M.D., Mei, K.K., Schwarz, S.E., Pous, R. A new approach to quasi-static analysis with application to microstrip 4212
Prouty, M.D., Schwarz, S.E. Hybrid couplers in bilevel microstrip 34228
Prouty, M.D. *see* Pous, R. 29222
Provol, S.J. *see* Ambrose, S. 32642
Provol, S.J. *see* Green, C.L. 8164
Provost, J.G. *see* Douskiere, P. 43932
Provost, J.G. *see* Langanay, J. 35835
Provost, L.G. *see* Shor, J.S. 10747
Provost, L.G. *see* Shor, J.S. 34848
Provost, R.L. Nomex aramid paper and pressboard in liquid filled transformers 16938
Prowse, D.C.H. Improvements to a standard automatic generation control filter algorithm 24716
Proykova, Y.G. *see* Hosking, M.W. 27292
Prozonic, M.A. *see* Yan, R.H. 11181
Prucnal, P.R. *see* Bononi, A. 5945
Prucnal, P.R. *see* Bononi, A. 45956
Prucnal, P.R. *see* Forghieri, F. 46021
Prucnal, P.R. *see* Glesk, I. 38030
Prucnal, P.R. *see* Kwong, W.C. 30713
Prucnal, P.R. *see* Sawchuk, A.A. 20490
Prucnal, P.R. *see* Sokoloff, J.P. 30712
Prucnal, P.R. *see* Sokoloff, J.P. 38080
Prucnal, P.R. *see* Yan-Ming Liu 35751
Prudenzano, F. *see* Cucurachi, S. 31158
Prudenzano, F. *see* De Sario, M. 3812
Prudenzano, F. *see* D'Orazio, A. 20352
Prudnikov, I.V. *see* Kuz'michev, M.V. 6338
Prudon, G. *see* Gergam, E. 2032
Pruett, D. *see* Davari, S. 5547
Pruijmboom, A. *see* Streutker, G. 11172
Pruis, G.W., Gilding, B.H., Peters, M.J. A comparison of different numerical methods for solving the forward problem in EEG and MEG 31937
Pruitt, G.R. Miniature linear cooler development [for thermal imager] 31275
Pruitt, J.G. *see* Savulescu, S.C. 32297
Prundaru, I. *see* Prundaru, M. 13753
Prundaru, M., Prundaru, I., Iwata, K. On fuzzy filters for pattern recognition 13753
Prunty, S.L. Coupling efficiency in grating tuned carbon dioxide waveguide lasers 3462
Pruschek, R., Oeljeklaus, G., Boecddicker, D., Brand, V. Thermo-dynamic analysis of combined-cycle processes with integrated coal gasification and CO_2 capture 40007
Prussin, S. *see* Meng, H.L. 10909
Prussog, A. *see* Muhbach, L. 30544
Prutkovskii, E.N., Varvarskii, V.S., Gritsenko, V.I., Gribov, V.B., Zhernakov, V.N., Kvashnin, G.P., Lebedev, V.M., Stasyuk, V.A., Finkelstein, B.I. Environmental and energy aspects of bringing third-generation combined-cycle plants with in-cycle gasification into the power industry 8225
Prutkovskii, E.N. *see* Komisarchik, T.N. 16690
Pruvot, F.-C. *see* Durana, M. 6375
Pruyn, P.W., Greenberg, D.P. An exploration of three dimensional computer graphics in cockpit avionics 39192
Pruyn, R.R., DuBois, T.A. Feasibility analysis of a system for automatic tactical Nap-Of-the-Earth rotorcraft flight 39172
Pruyn, R.R. *see* DuBois, T. 7543
Pryakhin, Yu.A. *see* Mirumyants, S.O. 43505
Prybyla, J.A., Chiang, C.-M., Dubois, L.H. Fundamental studies of TiN film growth by CVD from $Ti(NMe_2)_4$ and ammonia 41473
Prycker, M.De *see* De Prycker, M.
Prydderch, M. *see* Ahmed, T. 38929
Pryk, Z. *see* Wood, R.J. 6372
Pryor, R. *see* Candelaria, J. 2648
Pryor, R. *see* Neaves, G. 11184
Pryor, R.W., Geis, M.W., Clark, H.R. Growth technique for large area mosaic diamond films 750
Pryputniewicz, R.J. Electronic shearography and electronic holography working side by side 3907
Pryputniewicz, R.J. *see* Brown, G.C. 3910
Pryputniewicz, R.J. *see* Bushman, T.W. 29876
Pryputniewicz, R.J. *see* Grabbe, D.G. 10586
Pryputniewicz, R.J. *see* Klausbruckner, M.J. 3908
Pryse, S.E. *see* Kersley, L. 47245
Pryse, S.E. *see* Raymund, T.D. 7621
Przeslawski, T. *see* Wolkenberg, A. 42213
Przewoski, B.von *see* von Przewoski, B.
Przybilla, K.-J. *see* Roschert, H. 11047
Przybilla, K.J., Kinoshita, Y., Kudo, T., Masuda, S., Okazaki, H., Padmanaban, M., Pawlowski, G., Roeschert, H., Spiess, W., Suchiro, N. Delay time stable chemically amplified deep UV resist 11052
Przyborowski, W. Comments on the potentials use and its connections in the magnetic field analysis in large synchronous machines 16804
Przybyla, J., Emery, T., Mukaled, H. The effect of G-line filter transmission characteristics on dose matching between monochromatic exposure tools in a production environment 2368
Przybylek, G.J. *see* Freund, J.M. 3863
Przybylek, G.J. *see* Swaminathan, V. 3864
Przybylek, G.P. *see* Catchmark, J.M. 12218
Przybylski, M., Montgomery, J., Young, B. High performance pulsed dye lasers 28748
Przybylski, M.M., Danbatta, U.G. Radiated emission measurement transducer 4156
Przygodzki, J.R. An improved two-transformer conductivity probe 46409
Przyluski, J. *see* Borkowska, R. 8735
Przyrembel, M. *see* Backe, H. 47013
Przywara, B. *see* Bader, G. 1270
Psaila, D.C., de Sterke, C.M. Soliton propagation in twin-core fiber rocking filters 20992
Psaila, D.C., de Sterke, C.M. Soliton propagation in twin-core fibre rocking filters 35391
Psaila, E. *see* DuBouis, P. 5859
Psaltis, D., Mok, F., Li, H.-Y.S. Nonvolatile storage in photorefractive crystals 28442
Psaltis, D. *see* Brady, D. 11561
Psaltis, D. *see* Burr, G.W. 11580
Psaltis, D. *see* Curtis, K. 28440
Psaltis, D. *see* Orlov, S. 36036
Psaltis, D. *see* Qiao, Y. 3893
Psaltis, D. *see* Shenoy, K.V. 20580
Pshenichnikov, M.S. *see* Krasnikov, V.V. 7639
Pshenichnyi, B.N., Kalzhanov, M.U. A method for solving variational inequalities 9430

Pshenichnyi, B.N., Nashempa, K.V. Linearization method for constrained limit extremal problems 9433
Pszczolkowski, W. *see* Dabrowski, J. 8611
Pszona, J. *see* Izewska, J. 7472
Pszona, S., Gajewski, R. An approach to experimental microdosimetry at the nanometre scale 47145
Ptak-Malysiak, U. Texturing processes for reduction of front surface reflectivity in silicon solar cells 40481
Ptakh, G.K. Mathematical model of electromagnetic phenomena in a traction synchronous motor fed from a voltage inverter 8912
Ptashchenko, A.A., Deych, M.V., Mironchenko, N.B., Ptashchenko, F.A. Polarization of the spontaneous radiation of stressed laser heterostructures 43895
Ptashchenko, F.A. *see* Ptashchenko, A.A. 43895
Pu, S.T. *see* Su, L.C. 41291
Pu, Y., Tsai, C. Wideband integrated magnetooptic frequency shifter and modulator at X-band 3236
Pu Jixiong *see* Zhang Wenzhen 29070
Pu Liu, Gang Hu, Lemin Li, Sausu Tang The design of a broadband integrated service LAN 14255
Pu Zhao-Bang *see* Na Xiao-Feng 31459
Pu-Qiang Yan *see* Yan Pu-Qiang
Pu-Qun Wang *see* Wang Pu-Qun
Pu-Woei Chen, Chung, D.D.L. Carbon fiber reinforced concrete for smart structures capable of non-destructive flaw detection 18359
Pucar, P., Millnert, M., Renhorn, I., Letalick, D. Segmentation of laser range images with respect to range and variance 5080
Pucci, J.J. *see* Kirkpatrick, M. 16111
Pucci, P. *see* Pini Prato, A. 48415
Puchka, V.A. Calculation of spatial problems of electrostatics by the method of boundary elements 29099
Puckey, D.J. *see* Wahab, M.A. 41962
Pucko, M., Kandus, G. Service-driven protocol synthesis for specific users 22347
Puczko, K. Wide-range power regulation technique for HF-resonant converters 26715
Puddu, G. *see* Antonelli, A. 24054
Pudil, P., Novovicova, J., Choakjarernwanit, N., Kittler, J. An analysis of the max-min approach to feature selection and ordering 5096
Pudlak, P. AC^0 circuit complexity. A survey of lower bounds 18626
Pudlowski, Z.J., Rados, M. A computer-based aptitude test for electrical engineering 33270
Pudner, A. *see* Roe, J. 39443
Pudov, V.P. *see* Afanas'ev, V.N. 47139
Pudovochkin, O.B. *see* Astakhov, V.V. 9924
Puech, M. *see* Agius, B. 18276
Puechberty, E. *see* Herrera, A. 19145
Puechmorel, S., Lacaze, B. Transforms related to oriented curves in the time-frequency plane 13342
Puechner, R.A. *see* Maracas, G.N. 746
Puente, H.R. *see* Gray, W.W. 32481
Puers, B., Wouters, P., De Cooman, M. A lower power multi-channel sensor interface for use in digital telemetry 7337
Puers, B. *see* Vergote, S. 7336
Puers, R. Capacitive sensors: when and how to use them 6395
Puerta, J.De la *see* De la Puerta, J.
Puertolas, D. *see* D'Ambrosio, C. 27441
Pues, H.F. *see* Marly, N. 36165
Puetz, N., Springthorpe, A. Laying the foundation for future fiber-optic networks 14663
Puetz, N. *see* Li, G.P. 12160
Puflea, I., Popescu, A., Floricel, I. Magnetostatic screens of ceramic superconductors 29200
Pugach, V.M. *see* Vasilenko, A.I. 38907
Pugel, M. *see* Badger, D. 14771
Pugh, A.C., Stratton, R.P., Lewis, D.B. Investigation of elemental diffusion during the drawing and heat treatment of glass optical fibres 28466
Pugh, A.C. *see* Wu, Q.H. 8270
Pugh, A.J., Maunder, E.A.W., Belmont, M.R. An optical displacement monitor 23711
Pugh, D.R. *see* Loftus, C.W. 37551
Pugh, G.M. *see* Bojko, R.J. 2325
Pugh, J.R., Duli Mao, Ji-Guang Zhang, Heben, M.J., Nelson, A.J., Frank, A.J. A metal:*p*-*n*-CdTe Schottky-barrier solar cell: photoelectrochemical generation of a shallow *p*-type region in *n*-CdTe 8770
Pugh, M. *see* Robinson, G.A. 46520
Pugh, P.F., Bernstein, B.S., Brancato, E.L. Aging of equipment in the electric utilities [comments and reply] 43185
Pugh, P.G., Pugh, V. Spend to save measures: their financial justification 40868
Pugh, R. *see* Bernacki, S. 35199
Pugh, V. *see* Pugh, P.G. 40868
Puglia, K.V. Phase-locked DRO uses a sampling phase detector 10450
Puglisi, L. *see* Fracchia, M. 1039
Pugnaloni, A. *see* Lopes, A. 22950
Pugnet, M. *see* Brugel, N. 3789
Pugnet, M. *see* Gouaichault-Brugel, N. 35988
Pugnet, M. *see* Nardo, L. 3263
Pugovkin, A.V. Acoustooptic interferometers 28540
Puh Nen-Wen *see* Nen-Wen Puh
Puhalskii, A. *see* Mitrani, I. 9385
Puhalskii, A.A. *see* Coffman, E.G., Jr. 37093
Puharic, M., Ahmad, A., Auriol, P. Modelling and simulation of low voltage power cable 16339
Puharic, M. *see* Hrs, I. 25046
Puhl, J.M. *see* Humphreys, J.C. 23967
Puhlhofer, F. *see* Bachler, J. 46934
Pui, D.Y.H. *see* Yan Ye 1991
Puida, S.H. *see* Mogilenko, N.F. 9891
Puigdollers, J., Bertomeu, J., Asensi, J.M., Andreu, J., Delgado, J.C. Fast degradation with pulsed light of a-Si:H p-i-n photodiodes 28617
Puigdollers, J. *see* Asensi, J.M. 28062
Puigdollers, J. *see* Bertomeu, J. 27517
Puimedon, J. *see* Kuz'minov, V.V. 7164
Puisto, D. *see* Groves, T.R. 2301
Pujari, A.K. Volume intersection for shape from silhouettes 4933
Pujol, J., Arjona, M., Corbalan, R. Type-III intermittency in a four-level coherently pumped laser 12271
Pujol, S., Baudrand, H., Fouad-Hanna, V. A complete description of a source-type method for modeling planar structures 19090
Pukatzki, D., Schumann, J. AUTOLOAD: the network management system 5382
Pukhov, A.A., Rakhmanov, A.L., Tsikhon, V.N., Vysotsky, V.S. Acceleration of normal zone propagation in superconductors with changing current 35262
Pukhov, I.M., Zhelnin, V.A., Bityurin, V.A. Conjugated heat and mass transfer on non-uniform wall in presence of an electrical thermal phenomena [MHD generators] 25736
Pukhov, O. *see* Bellamy, E.H. 46956
Pukhov, S.P. *see* Aleksandrovich, K.V. 6981
Pukinskis, A.P. *see* Gertner, A.G. 2809
Pulat, B.M., Streb, L.M. Position of component testing in total quality management (TQM) 415
Pulcini, G. *see* Calabria, R. 41010
Puleo, M. *see* Bertinetto, F. 3656
Puleo, M. *see* Cinato, P. 46022
Puleo, M. *see* Gambini, P. 35801
Pulford, G.W., Kennedy, R.A., Anderson, B.D.O. An upper bound on the performance of a novel feedforward perceptron equalizer 44853
Pulfrey, D.L. *see* Liu, Q.Z. 35622
Puliafito, A. *see* Catania, V. 9340
Puliafito, C.A. *see* Swanson, E.A. 15814
Pulkkinen, U. Bayesian analysis of consistent paired comparisons 26241
Pulkkinen, U. *see* Laakso, K. 47662
Pulko, S.H. *see* Wilkinson, A.J. 5027
Pullan, M.C. An algorithm for a class of continuous linear programs 9434
Pulle, D.W.J., Lai, J.C.S., Milthorpe, J.F., Huynh, N. Quantification and analysis of acoustic noise in switched reluctance drives 8885
Pullela, S. *see* Bose, B. 1172
Pullen, J.L., Keksz, W.O., Manson, T.J., Martin, D., Werneth, R. The servicing aid tool 47163
Pullia, A. *see* Bertuccio, G. 15194
Pulman, S.G., Hepple, M.R. A feature-based formalism for two-level phonology: a description and implementation 4530
Pulsford, N.J., Rikken, G.L.J.A., Kessener, Y.A.R.R., Lous, E.J., Venhuizen, A.H.J. Behavior of a rectifying junction at the interface between porous silicon and its substrate 19755
Pulsford, N.J., Rikken, G.L.J.A., Kessener, Y.A.R.R., Lous, E.J., Venhuizen, A.H.J. Carrier injection and transport in porous silicon Schottky diodes 34599
Pulychev, Yu.G., Yeresko, S.A. A method for the numerical analysis of Green's function of a ring source 12578
Puming Zhan *see* Zhan Puming
Pun, L.K.L. *see* Ip, H.H.S. 13717
Pun, T., Gerig, G., Ratib, O. Image analysis and computer vision in medicine 45050
Pundak, N. *see* Leonard, G. 31288
Pundir, A. *see* Mehra, R.M. 42434
Punekar, G.S., Naidu, M.S. Breakdown behaviour of spark-gaps in SF_6 gas with non-uniform fields at bias voltages 11353
Pung, H.K. *see* Lu, G.J. 45414
Pungsornruk, S. *see* Starkie, B. 14303
Punjani, M. *see* Cvetkovic, S.R. 44089
Punt, J. *see* Sparreboom, D. 38227
Puntambekar, P.D. *see* Bhattacharyya, P.K. 16532
Puntis, H., Ingram, D.M. A review of the use of medium voltage polymeric cables for the distribution of AC power supplies to British Rail DC electrification substations 17564
Punwani, M. *see* Toumazou, C. 10364
Punzi, G. *see* Amidei, D. 46890
Punzi, G. *see* Tkaczyk, S. 46989
Pup, L.Del *see* Del Pup, L.
Pupita, G. *see* Ferretti, G.F. 15883
Pupolin, S. *see* Zorzi, M. 45871
Pupp, R. *see* Orans, R. 32281
Puppe, F. *see* Junglas, K.-J. 32182
Pupynin, V.N., Nikitin, V.L. Conditions for efficient employment of capacitance energy accumulators in a power supply system for electric traction 17536
Purandare, S.C. *see* Srivastava, A.K. 23643
Puranen, L., Jokela, K. Simultaneous measurements of RF electric and magnetic near fields—theoretical considerations 23549
Puranen, L. *see* Jokela, K. 47136
Puranik, K.K. *see* Agarwal, R.P. 16791
Purcell, A. *see* van Doorn, J. 15693
Purcell, D.W., Huissoon, J.P. A curved array transducer for autonomous vehicle navigation 47300
Purcell, P. Multimedia developments: convergent agendas with multiple applications 5011
Purcell, S.C. *see* Hatamian, M. 27005
Purchase, K.G., Brady, D.J., Wagner, K. Time-of-flight cross correlation on a detector array for ultrafast packet detection 23080
Purchine, M.P., Aberle, J.T., Birtcher, C.R. A tunable L-band circular microstrip patch antenna 4284
Purdy, D. *see* Gal, G. 43491
Purdy, D.R. Fabrication of complex micro-optic components using photo-sculpting through halftone transmission masks 43492
Purdy, D.R., Baker, I.M., Lockett, R. Photosculpting technology for the fabrication of complex surfaces for micro-optic and micro-engineering applications 43597
Purdy, G. Battery developments for the mining industry 48098
Purdy, J.A., Harms, W.B., Matthews, J.W., Drzymala, R., Emami, B., Simpson, J.R., Manolis, J., Rosenberger, F.U. Advances in 3-dimensional radiation treatment planning systems: room-view display with real time interactivity 39092
Purdy, J.A. *see* Klein, E.E. 31999
Purdy, J.A. *see* Slessinger, E.D. 31998
purek, S.Nes *see* Nes purek, S.
Purgathofer, W. *see* Tastl, I. 23786
Puri, A. Video coding using the MPEG-2 compression standard 36842
Puri, A., Wong, A. Spatial domain resolution scalable video coding 30062
Puri, A. *see* Kan'an, A.M. 19403
Puri, M.P. *see* Mallavarpu, R. 1548
Puri, P.P. *see* Jain, V.K. 3365
Puri, R., Gu, J. Asynchronous circuit synthesis: persistency and complete state coding constraints in signal transition graphs 10069
Puri, V. *see* Surve, V. 42157
Purimetla, B. *see* Sivasankaran, R.M. 5619
Purra, E. *see* Asplund, G. 47494
Purroy, F., Pradell, L. Comparison of on-wafer calibrations using the concept of reference impedance 46278
Purroy, F. *see* Pradell, L. 30649
Pursch, H. *see* Anders, S. 8698
Purser, M. *see* Barry, S. 14090
Purser, R.G., Strane, J.W., Mayer, J.W. Amorphous carbon as a diffusion barrier to copper 34845
Pursley, M.B. The derivation and use of side information in frequency-hop spread spectrum communications 5718
Pursley, M.B. *see* Frank, C.D. 4406
Pursley, V., Heath, G., Johnston, R. Achieving fine pitch features by using ultra-thin copper foil 34377
Purton, P. The great leveller [telecommunication services] 37198
Purushothaman, S. *see* Callegari, A. 27942
Purushothaman, S. *see* Clearfield, H.M. 17882
Purvis, A. *see* Bailey, N.J. 14859
Purwins, H.-G. *see* Niedernostheide, F.-J. 28073
Purwins, H.-G. *see* Ruwisch, D. 10379
Purwins, H.G. *see* Willebrand, H. 31291
Pusaka, J. Recovering errors from measurements involving solid angle 38696
Pusaka, J. *see* Andiani, D. 31089
Pusarla, C. *see* Guan, L. 17846
Pusarla, C. *see* Guan, L. 17866
Pushan Tang *see* Lei He 18672
Pushechkin, N.P. *see* Belokopytov, G.V. 2749
Pusheng Chen *see* Chen Pusheng
Pushkara Rao, V., Wong, K.Y., Jen, A.K.-Y., Mininni, R.M. Optimization of second-order nonlinear optical properties of push-pull conjugated chromophores using heteroaromatics 44072
Pushpala, S. *see* Li, G. 2293
Puskas, R. *see* Alles, A.B. 879
Pusl, J. *see* Yu, R. 6364
Pusteina, B. *see* Bodzenta, J. 18358
Pusterla, M. *see* Bazzani, A. 38789
Pustovoit, V.I. *see* Lesnikov, E.V. 20542
Put, P.J.van der *see* van der Put, P.J.
Putilin, F.N. *see* Akimov, B.A. 42454
Putilov, E.P., Golovchenko, V.A. Electric locomotives produced by the Novocherkassk plant 40613
Putivskii, Y.Y. *see* Gordienko, V.M. 47268
Putley, D., Voss, G.M. Compulsators for electric guns 47313
Putman, M.A. *see* Sirkis, J.S. 20306
Putnam, M. *see* Griscom, D.L. 43425
Putnam, M.A. *see* Askins, C.G. 28456
Putnam, M.A. *see* Williams, G.M. 3541
Putnam, M.H. *see* Greenwood, R.C. 24121
Putnam, R. Applying room temperature diode lasers to difference frequency generation 29009

Putnam, W., Mostafavi, M. Recent advances in digital signal processing and their application to antenna pattern synthesis 29365
Putnikov, Yu.G. *see* Beda, P.I. 41538
Putrina, E.V. *see* Kosar, A.V. 3286
Putrus, G.A. *see* Cooper, C.B. 39569
Putt, R.A., Merry, G.W. Zinc-air primary batteries 17164
Puttaswamy, P.S. *see* Singh, B. 8607
Putten, F.J.M.van *see* van Putten, F.J.M.
Putten, F.van Der *see* van Der Putten, F.
Puttgen, H.B., Wung, P., Rouaud, D., Lajoie-Mazenc, E., Maire, J., Dessoude, M., Somotyj, M. Adjustable speed drive performance evaluation methods 8861
Putti, M. *see* Calzona, V. 31165
Puttick, K.E., Whitmore, L.C., Chao, C.L., Gee, A.E. Transmission electron microscopy of nanomachined silicon crystals 27668
Puttkamer, E.von *see* von Puttkamer, E.
Puttlitz, K. *see* Acocella, J. 9266
Putvinski, T.M. *see* Taylor, G.N. 28033
Putz, C. Reduction of costs and complexity of SDH and SONET tests 45908
Puya, M.T. *see* Pascual, F.O. 16581
Puydt, J.M.De *see* De Puydt, J.M.
Puylaert, B.R.M. *see* Leferink, F.B.J. 44444
Puzanov, N.I., Eidenzon, A.M. Formation of the bands of anomalous oxygen precipitation in Czochralski-grown Si crystals 41246
Puzic, R. Development of the at-line analytical system in an ethylene plant 31110
Puzo, A. *see* Costa, F. 27110
Puzzer, T. *see* Horwitz, C.M. 2132
Pyata, E.A. *see* Bes'chastnov, P.M. 46433
Pyati, V.P. Kelvin transformation for a dielectric-coated conducting sphere 21173
Pyati, V.P. Comment of 'On the use of the Hilbert transform for processing measured CW data' 36642
Pychlau, P. *see* Hein, G. 24170
Pycock, S., Mulvey, M., Butler, D. Measurement of dispersion and nonlinearity in multiamplifier systems 22992
Pye, R. A VXI-based architecture for a digital test system 23443
Pyle, G.J. *see* Davies, G.J. 31740
Pyle, R. *see* Kaushik, V. 28339
Pyle, R.E. *see* Fu, K.-Y. 2212
Pyne, D. *see* Dwivedi, V.K. 11323
Pyong Sik Pak, Suzuki, Y. A CO_2-recovering non-polluting high-efficient gas turbine power generation system utilizing saturated steam as its working fluid 8198
Pyong Yong Seong *see* Joong Eon Seo 23347
Pyragas, K. *see* Hupper, G. 27450
Pyragas, K. *see* Richter, R. 42396
Pyragas, K. *see* Scholl, E. 11113
Pyregov, B.P. *see* Chashchin, S.P. 11875
Pyron, C., Wahl, M.G. EDIF test—the upcoming standard for test data transfers 6329
Pyshchev, A.I. *see* Britvich, G.I. 7165
Pyshko, A.P. *see* Eremin, A.G. 24438
Pyshnaya, N.B., Tiginyanu, I.M., Ursaki, V.V. Reduction of the degree of conductivity compensation in epitaxial n-InP films by fast-electron bombardment 42417
Pyszczek, M.F., Zawicki, J.L., McCutcheon, W.J., Olstad, W.D. Factors influencing lithium cell development for non-magnetic applications 17183
Pyun, S.-I. *see* Lee, E.J. 2262
Pyun Su-Il *see* Su-Il Pyun
Pyykko, I. *see* Aalto, H. 24142
Pyykko, I. *see* Yli-Hankala, A. 31916
Pyzhov, V. *see* Ostroverhov, N. 9025

Q-Q Li Ken *see* Ken Q-Q Li
Qaddoumi, N. *see* Ganchev, S.I. 38651
Qamber, I., Fakhro, S.Q. Comparison between state probabilities and availabilities of four-state and five-state models using Laplace transform and matrix multiplication methods 47435
Qamber, I.S., Fakhro, S.Q. Comparison of three-state probabilities under steady-state and transient conditions using both Laplace transforms and flow-graph methods, when applied to four TVA models 33475
Qamber, I.S. *see* Abouammoh, A.M. 26243
Qamber, I.S. *see* Abouammoh, A.M. 33435
Qassim, K. Inverted-F antenna for portable handsets 45675
Qazi, N.U. *see* Miae Woo 37271
Qi, J. *see* Yeganeh, M.S. 19370
Qi, N., Hammer, D.A., Apruzese, J.P. Modeling the coaxial double z-pinch for the Al XI-Mg IX laser at 228 Å 3417
Qi, S., Yang, Q. Coupling fast Walsh transform with waveform relaxation technique to analyze lossy coupled transmission lines 12655
Qi Bi Performance analysis of a CDMA cellular system in the multipath fading environment 37772
Qi Bing *see* Jin Xiaodan 11798
Qi Huang, Kullberg, G., Skoog, H. Sheet metal welding using a pulsed Nd:YAG laser-robot 21146
Qi Huang *see* Huang Qi
Qi Liangdi, Quo Jialin, Chen Genyong Mathematical model of induction watthour meter on distorted waveforms 6684
Qi Ming, Luo Jinsheng, Shirakashi, J., Yamada, T., Nozaki, S., Takahashi, K., Kashima, H., Tokumitsu, E., Konagai, M. Heavily carbon doped p-type GaAs/$In_xGa_{1-x}As$ strained-layer superlattices grown by MOMBE 26441
Qi Ming, Luo Jinsheng, Shirakashi, J., Yamada, T., Nozaki, S., Takahashi, K., Tokumitsu, E., Konagai, M. Growth and characteristics of carbon doped $In_xGa_{1-x}As$ by MOMBE 18172
Qi Ronggang *see* Xu Shouyi 6212
Qi Shiqian *see* Lu Shinan 44768
Qi Songxin, Yang Quanrang, Guo Changning A centering design method for MMIC 10477
Qi Wang *see* Wang Qi
Qi Xiaofeng *see* Xiaofeng Qi
Qi Yi *see* Yi Qi
Qi Yihong *see* Jiao Yongchang 12779
Qi Yizhi *see* Yizhi Qi
Qi Zhang *see* Zhang Qi
Qi Zhaongfu *see* Yu Changtai 11011
Qi Zhu *see* Zhu Qi
Qi Zhuang *see* Zhuang Qi
Qi-Chang Cheng *see* Cheng Qi-Chang
Qi-de Qian *see* Pei-yang Yan 2275
Qi-Ding Zhu *see* Zhu Qi-Ding
Qi-Jun Zhang, Nakhla, M.S. Statistical simulation and optimization of high-speed VLSI interconnects 28237
Qi-Kui Huang *see* Huang Qi-Kui
Qi-Ning Feng *see* Feng Qi-Ning
Qi-Qing Lin *see* Lin Qi-Qing
Qi-Shan Wang *see* Wang Qi-Shan
Qi-Yuan Liu *see* Liu Qi-Yuan
Qi-Zhao Zhang *see* Zhang Qi-Zhao
Qian, A.D. *see* Xu, Z.Z. 35688
Qian, G., Cahay, M., Kothari, R. Transverse Shapiro steps in a radio frequency driven superconducting Wheatstone bridge 43348
Qian, G., Cahay, M., Mast, D.B., Lee, H.C. Voltage controlled Josephson junction arrays 20204
Qian, J., Rahman, M.A. Analysis of field oriented control for permanent magnet hysteresis synchronous motors 47852
Qian, K. *see* Bhattacharya, P. 22050
Qian, L.J. *see* Magni, V. 21085
Qian, Q.-D. *see* Troccolo, P. 2289
Qian, R. *see* Kinosky, D. 33699
Qian, R. *see* Kinosky, D. 34737
Qian, R. *see* Kinosky, D.S. 10962
Qian, R.Z., Kinosky, D., Mahajan, A., Thomas, S., Fretwell, J., Munguia, P., Banerjee, S., Tasch, A. Growth of Ge-on-Si structures using remote plasma-enhanced chemical vapor deposition 9587
Qian, S., Chen, D. A general solution of biorthogonal analysis window functions for orthogonal-like discrete Gabor transform 9495
Qian, Y., Yamashita, E. Characterization of picosecond pulse crosstalk between coupled microstrip lines with arbitrary conductor width 18949
Qian, Y.Y. *see* Huang, J.H. 42284
Qian, Y.Y. *see* Huang, J.H. 42309
Qian, Z. New concept and hierarchy for telecommunications standards 5265
Qian Ai-di *see* Ai-di Qian
Qian Baoliang *see* Ling Genshen 20922
Qian Bosen *see* Bosen Qian
Qian Chang *see* Chang Qian
Qian Cui, Xuekun Lu, Xing Wei, Yongliang Fan, Chi Sheng, Xiangjiu Zhang, Xun Wang Ge beam treatment of Si substrate for molecular beam epitaxy 34705
Qian Dingrong *see* Dingrong Qian
Qian Donghong *see* Wu Guoqing 4652
Qian Fang *see* Fang Qian
Qian Gang, Zhang Lichun, Yan Guizhen, Wang Yongmei, Zhang Dacheng, Wang Yangyuan A new development of silicon deep trench etching process 42741
Qian Huang, Lorch, J.R., Dubes, R.C. Can the fractal dimension of images be measured? 45258
Qian Huizuo *see* Yuan Renkuan 42906
Qian Jiang *see* Jiang Qian
Qian Jun *see* Jun Qian
Qian Lin, Vesecky, J.F., Zebker, H.A. Phase unwrapping through fringe-line detection in synthetic aperture radar interferometry 36921
Qian Min *see* Nin Zhiming 23906
Qian Niu *see* Chiu Liu 28286
Qian Qi-de *see* Qi-de Qian
Qian Qui-De *see* Qui-De Qian
Qian Shie *see* Shie Qian
Qian Song *see* Song Qian
Qian Wang Zi *see* Zi Qian Wang
Qian Wei Dong, Wang Jian Jun, Huang Li Wen The accurate investigation of mode parameter of asynchronous motor stator-core construction 40205
Qian Wenliang *see* Geng Jihong 20610
Qian Xing *see* Cai Wei 31794
Qian Xing *see* Wu Heyu 23996
Qian Xue-Yu *see* Xue-Yu Qian
Qian Yi, Xu Junying, Xu Zuntu, Zhang Jingming, Xiao Jianwei, Chen Lianghui, Wang Qiming, Zhou Xiaochuan, Jiang Jian, Zhong Zhantian Buried ridge-multi-quantum-wire arrays on non-planar substrates grown by MBE 19377
Qian Yiyu *see* Wang Chunqing 3941
Qian Zhang, Grunbacher, H. Petri nets modeling in pipelined microprocessor design 18771
Qian Zhang *see* Ke Liu 46281
Qian Zhi-Han *see* Zheng Yong 14747
Qian Zhong-Ling *see* Zhong-Ling Qian
Qian Zhou *see* Zhou Qian
Qiang, H. *see* Yin, Y. 2573
Qiang, S. *see* Xuefeng, Y. 11555
Qiang Fang Accuracy analysis to quasi-heterodyne ESPI: indirect method 31526
Qiang Gui *see* Gui Qiang
Qiang Hu *see* Zhenghao Chen 38508
Qiang Huo, Chorkin Chan The gradient projection method for the training of hidden Markov model 4557
Qiang Huo, Chorkin Chan The gradient projection method for the training of hidden Markov models 29507
Qiang Li Zhong *see* Li Zhong Qiang
Qiang Lin, Srinivas, K. Infrastructure support for multimedia communications: a survey 14164
Qiang Liu *see* Liu Qiang
Qiang Wang *see* Tellambura, C. 21500
Qiang Wang *see* Tellambura, C. 36488
Qiang Wu, Kon Max Wong, Reilly, J.P. Optimal array signal processing in unknown noise environments via parametric approaches 4605
Qiang Xi-Fu *see* Li Dong-Sheng 23901
Qiang Xi-Fu *see* Li Dong-Sheng 31157
Qiang Xi-Fu *see* Sun Xiao-Ming 23898
Qiang Xi-Fu *see* Tan Jiu-Bin 31422
Qiang Xi-Fu *see* Tan Jiu-Bin 46600
Qiang Xi-Fu *see* Yuan Feng 31436
Qiang Xi-Fu *see* Zhao Hui-Jie 38683
Qiang Xi-Fu *see* Zhao Xue-Zeng 38692
Qiang Xue *see* Xue Qiang
Qiang Zhang *see* Hongping Guo 43771
Qiang-Hua Xu, Qing-Ming Chen, Jun Li Monte Carlo simulation of electron transport coefficients in magnetically confined CO_2 gas laser discharges 43741
Qiang-hui Shaw *see* Shaw Qiang-hui
Qianghua Wang *see* Xiaohui Wang 35285
Qianhua Qu *see* Ge Lan 43711
Qianhua Qu *see* Qu Qianhua
Qiao, C. *see* Alexander, J.P. 24110
Qiao, C. *see* Alexander, J.P. 46860
Qiao, C. *see* Chiarulli, D.M. 28553
Qiao, J. *see* Yang, C.Y. 35288
Qiao, S. Error propagation of some fast RLS algorithms 33504
Qiao, S. *see* Luk, F.T. 33502
Qiao, Y., Psaltis, D. Photorefractive holographic memories with dynamic copying 3893
Qiao Chunming *see* Chunming Qiao
Qiao Hongbin, Wei Qidong, Chen Aizhu Coal model de-swirling experimental research of a MHD coal-fired combustor second stage 25741
Qiao Jianmin *see* Jianmin Qiao
Qiao Jun *see* Li Qihu 29689
Qiao Rong-Qi, Wang Da-Chong Development of metrology in Middle-South China 31084
Qiao Sanzheng *see* Sanzheng Qiao
Qiao Xueguang *see* Xueguang Qiao
Qiaobing Xie, Laszlo, C.A., Ward, R.K. Vector quantization technique for nonparametric classifier design 29887
Qiaofei Wang, Gabbouj, M., Neuvo, Y. Root properties of morphological filters 29805
Qiaosheng Shi *see* Chunming Zhang 48163
Qibo, Z. *see* Xiaoping, W. 15088
Qibo Zhou *see* Zhou Qibo
Qidong Wei *see* Wei Qidong
Qie Dianfu *see* Chen Xi 25793
Qiguang Zheng *see* Zheng Qiguang
Qihong Lou *see* Hongping Guo 43771
Qihu Li *see* Li Qihu
Qihua, T., Jindal, V.K., van Winden, J. Design and performance evaluation of an ohmic heating unit for liquid foods 17642
Qihua Xu *see* Xu Qihua
Qihua Yan *see* Yan Qihua
Qijiang Xing *see* Xing Qijiang
Qijie Wang *see* Yuwen Zhang 33394
Qijing Pan *see* Pan Qijing
Qimin Shen *see* Shen Qimin
Qiming Cheng, Shujing Zhang A neural network for spectrum estimation of quasi-stationary signal 4835
Qiming Wang *see* Wang Qiming
Qiming Zhu *see* Zhu Qiming
Qin, B.L. *see* Pedrow, P.D. 24897
Qin, G.G. *see* Zhang, L.Z. 19572
Qin, J., Agarwal, T.K., Storaasli, O.O., Nguyen, D.T., Baddourah, M.A. Parallel-vector out-of-core equation solver for computational mechanics 41215
Qin, J., Nguyen, D.T. Generalized exponential penalty function for nonlinear programming 41112
Qin, J. *see* Xu, J. 41164

Qin, S., Chan, C., Browning, J., Meassick, S. Charge transfer cross section of He^+ in collisional helium plasma using the plasma immersion ion implantation technique 2021
Qin, Y.H. *see* Chen, G.P. 32220
Qin Chen, Luh, J.Y.S. Ambiguity reduction by relaxation labeling 45097
Qin Chen Qin *see* Qin Qin Chen
Qin Fuguang *see* Huang Dading 26442
Qin Guoyi, Butcher, P.N., Fromhold, T.M. Magnetoquantum oscillations of thermoelectric power in silicon inversion layers 19332
Qin Huang *see* Udrea, F. 28140
Qin Juru *see* Shao Changjing 43450
Qin Lan *see* Liao Nian-Zhao 38678
Qin Lin *see* Chanson, S.T. 30234
Qin Ming *see* Huang Qing-An 27407
Qin Mingwan *see* Cao Jianqing 33321
Qin Qin Chen *see* Horigome, M. 33447
Qin Qingsheng *see* Li Zhenbiao 42271
Qin Shi-Ming *see* Cao Mao-Sheng 29025
Qin Shu *see* Shu Qin
Qin Xiao-Hui *see* Xiao-Hui Qin
Qin Xinhua *see* Xinhua Qin
Qin Xu-Bin The simple economic elbow meter for flow measurement 14962
Qin Zhang A frequency and knowledge tree/causality diagram based expert system approach for fault diagnosis 26242
Qin Zhang, Paula, H.M., Fussell, J.B. Probabilistic safety analysis for systems with standby subsystems with sequentially used standbys 40871
Qin Zheng *see* Shin, K.G. 22601
Qin Zheng *see* Zheng Qin
Qin Zhongping *see* Zhang Huanguo 4439
Qin Zhu *see* Zhu Qin
Qin-Yan Zhang *see* Zhang Qin-Yan
Qin-Yi Tong *see* Tong Qin-Yi
Qinfen Zheng, Chellappa, R. Point correspondence over a long sequence of image frames 22225
Qing, Z. *see* de Graaf, M.J. 46827
Qing Chen *see* Chen Qing
Qing Gao Wen *see* Wen Qing Gao
Qing Hu *see* Wyss, R.A. 1894
Qing Li, Peida Ye Noise characteristics and linewidth of a semiconductor laser with phase-locking feedback 28842
Qing Li, Peida Ye Novel model and analysis of an optical phase-locked loop 30787
Qing Li, Xiaopin Zhang, Peida Ye Novel method for channel interval stabilization in optical fiber networks 30799
Qing Shan *see* Dewhurst, R.J. 917
Qing Shen *see* Shen Qing
Qing Shi *see* Shi Qing
Qing Tang *see* Javidi, B. 36924
Qing Xiang *see* Xiang Qing
Qing Yang *see* Yang Qing
Qing Zhu *see* Zhu Qing
Qing Zhuang *see* Zhuang Qing
Qing-An Huang *see* Huang Qing-An
Qing-Chen Guo *see* Guo Qing-Chen
Qing-Cheng Huang *see* Huang Qing-Cheng
Qing-Dong Min *see* Min Qing-Dong
Qing-Fa Ji *see* Ji Qing-Fa
Qing-Fen Zhou *see* Zhou Qing-Fen
Qing-Hao Yang *see* Yang Qing-Hao
Qing-Ming Chen *see* Qiang-Hua Xu 43741
Qing-Ping Deng *see* Deng Qing-Ping
Qing-Quan Li *see* Wei-Cun Zhang 8231
Qing-Xiang Li *see* Li Qing-Xiang
Qing-Xiang Liu *see* Shi-Chang Zhang 20926
Qingan Huang *see* Huang Qingan
Qingcai Guan *see* Jingqian Wei 44092
Qingcai Guan *see* Xuefeng Yue 44131
Qingcai Guan *see* Yingwu Lian 3837
Qingchang Yu *see* Yu Qingchang
Qingchun Zhang *see* Zhang Qingchun
Qingfu Zeng *see* Zeng Qingfu
Qingguo Li *see* Li Qingguo
Qinghai Miao, Jiajian Wang, Xinghua Zhang, Dejun Zhang, Qun Wang, Wei Shi, Wenhua Du, Wenxin Wang, Ge Zhang The highest operation frequency limited by package of transistor 398
Qinghua Zhang *see* Zhang Qinghua
Qinghua Zhong *see* Jian Zhang 43743
Qinghua Zhong *see* Zhong Qinghua
Qingjian Yu A SPICE model of RLGC transmission line with error control 41612
Qingjian Yu, Wing, O. Computational models of transmission lines with skin effects and dielectric loss 44493
Qingkang Wang *see* Wang Qingkang
Qingmao Hu *see* Hu Qingmao
Qingping Deng, Shumin Shen A nonconforming finite element method for a fourth-order elliptic variational inequality 33572
Qingsheng Qin *see* Qin Qingsheng
Qingyao Luo *see* Liangzheng Xia 21930
Qingyuan Dai, Shwedyk, E. Sequential sequence estimation of bandlimited signals over a frequency selective Rayleigh channel with a convolutional coded input sequence 37827
Qingyuan Mo *see* Mo Qingyuan
Qingyuan Wang, Hong Liu, Jianqin Liu, Tian Wu A new method for leather texture image classification 4834
Qingyuan Wang, Kui Zhao, Chia-erh Chen High-power multi-electron-beam Cherenkov free-electron lasers at mm wavelengths 20590
Qingyun Zheng *see* Zheng Qingyun
Qinhua Wang *see* Dawei Gong 9531
Qinhua Zuo *see* Zuo Qinhua
Qinshun Zhang *see* Zhang Qinshun
Qinxin Zu *see* Zu Qinxin
Qinyi Tong *see* Tong Qinyi
Qinyun Pan, Ohuchi, Y., Inoue, T., Ueno, F. A design of an OTA current mirror circuit for analog CMOS 26730
Qiong Zhan, Minemoto, T. Moment invariants for pattern recognition under translation, rotation, and changes of size and brightness 5109
Qiong-hua Zhan *see* Zhan Qiong-hua
Qionghua Zhan *see* Zhan Qionghua
Qiping Wang *see* Wang Qiping
Qishan, G., Shuhong, H. Analytic approach to magnetic circuit for saturated axial-field induction machines 25443
Qishan Zhang *see* Zhang Qishan
Qishao Zhang, Zhengxiang Luo, Jian Lu, Xiangyang Ren, Zhanzhou Zhang, Xiong, G.C., Lian, G.J., Li, J., Li, Y.J., Gan, Z.Z. High-T_c superconducting stripline resonator 34221
Qishao Zhang *see* Zhang Qishao
Qiu, G., Haftek, E., Cates, J.C., Alexander, C., Jr., Barnard, J.A. Magnetic properties and crystal structure of high moment FeTaN thin films 28361
Qiu, G., Varley, M.R., Terrell, T.J. Variable bit rate block truncation coding for image compression using Hopfield neural networks 13824
Qiu, G. *see* Cates, J.C. 28362
Qiu, J., Chen, H. Stable and realizable model identification for power system dynamic equivalent model 24593
Qiu, J., Girgis, A.A. Stability and realizability of a type of linear system model for power system equivalent model identification 39455
Qiu, J., Tani, J., Takagi, T. Smart composite material without thermal bending deformation 18311
Qiu, J. *see* Guha, S. 10692
Qiu, J. *see* Guha, S. 11871
Qiu, J. *see* Haase, M.A. 3590
Qiu, J. *see* Kuo, L.H. 42486
Qiu, J. *see* Makram, E.B. 16133
Qiu, J. *see* Wu, B.J. 9546
Qiu, J.E., Xu, M.L., Taylor, K.N.R., Russell, G.J. A rotating analyser technique for measuring Kerr magneto-optical rotation and its application to GdTbFeCo thin films 6827
Qiu, K. Soliton position jitter caused by periodic amplification and self-frequency shift 45917
Qiu, S. Present status and outlook of line transmission systems in China 5687
Qiu Al-Ci *see* Liu Guo-Zhi 44254
Qiu Al-Ci *see* Liu Guo-Zhi 44255
Qiu Bin *see* Zheng Yangshu 28259
Qiu Binghseng *see* Qiu Ruman 1422
Qiu Changtao *see* Liang Zhishan 6682
Qiu Dongming *see* Dongming Qiu
Qiu Guoyi *see* Lin Han 8301
Qiu Hui-Fu, Zhang Xue-Neng Research and development of a new series of measuring instruments directly tracing to the wavelength 46604
Qiu Jinghe *see* Chen Xikun 31249
Qiu Jingwu *see* Jingwu Qiu
Qiu Ling *see* Wang Huitian 35422
Qiu Mei-De, Elsherbeni, A.Z., Kishk, A.A. Comments on "Modeling of cylindrical objects by circular dielectric and conducting cylinders" [and reply] 29154
Qiu Mei-De, Wan Wei Application of on-surface radiation boundary condition to electromagnetic scattering by convex scatterers with nonsmooth surfaces 12586
Qiu Mingxin *see* Chen Yiqing 20975
Qiu Minwang *see* Huang Yichuan 12043
Qiu Peihua, Zhuang Dakui, Wang Wenyao, Li Qun, Liu Hua, Wang Zhijiang Degenerate four-wave mixing in semiconductor doped glasses 12319
Qiu Peihua *see* Peihua Qiu
Qiu Peixia, Guo Ting, Lin Fucheng, Huang Chaogen, Zhao Shuqing Generation of UV ultrashort pulses in LBO crystal 3760
Qiu Ruman, Qiu Binghseng Sub-MM wave quasi-optical variable power divider 1422
Qiu Shuisheng, Chen Wenji, Filanovsky, I.M. Two methods for the analysis of subharmonic oscillations in nonlinear systems 9929
Qiu Wanzhi *see* Xiang Jingcheng 14678
Qiu Xiaodong, Lu Mingzhe, Wang Xuming, Mu Guoguang The realization of optical perfect shuffle with hologram 29042
Qiu Xin *see* Xin Qiu
Qiu Xinhong *see* Xinhong Qiu
Qiu Yadong The study of electricity price of power exchange among province's grids 7863
Qiu Yuanheng *see* Jin Ronghong 36348
Qiu Yuchang, Feng Yunping Calculation of dielectric strength of SF_6/N_2 gas mixtures 11352
Qiu Zhi, Liu Ye, Chu Chunlin, Li Qingguo, Pan Peicong, Zhu Hongbin Investigation on tunable forsterite laser 12042
Qiu Zhong-Qi *see* Zhong-Qi Qiu
Qiu-Yi Zhang *see* Shi-Xiang Zhou 8534
Qiuhua Pan *see* Pan Qiuhua
Qiuming Lin *see* Bisong Cao 36430
Qiuping Zhu *see* Zhu Qiuping
Qiuting, H. Compensation of clock feedthrough induced offset in analog adaptive FIR filters based on the LMS algorithm 10254
Qiuting Huang *see* Huang Qiuting
Qiuya Ni *see* Ni Qiuya
Qiyun Yin *see* Wanyong Juang 7801
Qu, D.N. *see* Khan, S.A. 29122
Qu, D.Y. *see* Adams, W.A. 48386
Qu, M., Styblinski, M.A. Phase compensation on an OTA-C integrator for high-frequency continuous-time filters 1309
Qu, X.H., Ruda, H. Microwave and millimeter wave generation using nonlinear optical mixing in asymmetric quantum wells 20901
Qu, Z., Dorsey, J.F., Bond, J., McCalley, J.D. Application of robust control to sustained oscillations in power systems 24760
Qu, Z. *see* Hu, J. 40189
Qu Beimin *see* Liang Xiaoyin 16893
Qu Cuiyun *see* Chen Juxin 38501
Qu Dexing *see* Gan Zhongming 5840
Qu Li *see* Yi-Min Hua 3786
Qu Liangsheng *see* Liangsheng Qu
Qu Qianhua *see* Lan Ge 11921
Qu Qianhua *see* Qianhua Qu
Qu Wei *see* Lu Liwu 34608
Qu Wenlong *see* Zhou Mingbao 25445
Qua, G.J. *see* Chandrasekhar, S. 35623
Qua, G.J. *see* Chandrasekhar, S. 43639
Quacchia, J.Q. *see* Bariatto, M. 2247
Quach, T., Farooq, M. A simple approach to observer path design for bearings-only tracking 16096
Quach Le Dinh *see* Le Dinh Quach
Quacha, A., Willander, M., Hammarlund, B., Logan, R.A. Effect of surface passivation with SiN on the electrical properties of InP/InGaAs heterojunction bipolar transistors 19773
Quacha, A. *see* Petrauskas, M. 36011
Quackenbush, S.R. *see* Snyder, J.H. 18747
Quader, K. *see* Tu, R.H. 17956
Quader, K.N., Chan, W.Y., Ko, P.K., Hu, C. Hot-carrier-reliability of mixed analog/digital technologies 18904
Quader, K.N., Li, C.C., Tu, R., Rosenbaum, E., Ko, P.K., Chenming Hu A bidirectional NMOSFET current reduction model for simulation of hot-carrier-induced circuit degradation 34956
Quader, M.O. *see* Maurer, H.E. 32066
Quadrini, E.F., Corba, M., Falconi, B., Moriggio, C., Santambrogio, R., Younis, F.A. PCM-formatter: a powerful, low cost system for PCM telemetry decoding and quick look support 14097
Quadrini, E.M., Corba, M., Falconi, B., Moriggio, C., Rossi, M., Younis, F.A., Labanti, C., Rossi, E., De Bernardis, M., De Bortoli, L. On-board electronics for BLIMP: a balloon-borne prototype for the INTEGRAL satellite 15991
Quaia, S., Tosato, F. A fast static booster for voltage sags compensation 7914
Quaid, A. *see* Kienzle, T.C., III 24367
Quan, A.G. *see* Schwuttke, U.M. 24406
Quan, P., Hongcai, Z., Peide, W., Hongren, Z. Development of new practical multitarget data association algorithm 21812
Quan, Y. *see* Ngai, P.Y. 15227
Quan Jiang, Kavehrad, M. A frequency calibration method for multilocation optical FDM networks 37988
Quan Lu *see* Lu Quan
Quan Yu *see* Luo Zhen-Bi 23454
Quan Zheng, Deming Zhuang Finite dimensional approximation to solutions of minimization problems in functional spaces 554
Quan Zhou *see* Zhou Quan
Quan Ziyi *see* Huang Xiaojian 13558
Quan-De Wu *see* Wu Quan-De
Quan-Kun Zeng *see* Zeng Quan-Kun
Quan-Rang Yang *see* Hongchen Yin 10415
Quang Doan Nhat *see* Doan Nhat Quang
Quang Minh Tieng *see* Boles, W.W. 22106
Quang Nguyen Le *see* Le Quang Nguyen
Quankang Lu *see* Lu Quankang
Quanmei Yang *see* Yang Quanmei
Quanrang Yang *see* Yang Quanrang
Quansheng Han *see* Han Quansheng
Quansheng Zhang *see* Zhang Quansheng
Quanxi Cao *see* Cao Quanxi
Quanxing Zhang *see* Zhang Quanxing
Quaranta, A. *see* Gonella, F. 28476
Quarles, G.J., Esterowitz, L., Rosenblatt, G.H., Randles, M.H., Creamer, J.E., Belt, R.F. Characterization of growth, spectroscopy, and laser properties of rare-earth-doped disordered oxides 18127
Quarles, G.J. *see* Bowman, S.R. 3492
Quarles, G.J. *see* Bowman, S.R. 20727
Quarles, G.J. *see* Perry, M.D. 20743
Quarles, G.J. *see* Pinto, J.F. 35720
Quarles, G.T. *see* Rosenblatt, G.H. 3481
Quartararo, R. *see* Hasselman, T.K. 39152
Quarterman, J.S. *see* Schwartz, M.F. 14130
Quarton, D. Offshore wind energy 47819
Quarton, D.C. *see* Wastling, M.A. 40066
Quate, C.F. *see* Hadimioglu, B. 16089

Quatieri, T.F. *see* Bovik, A.C. 12828
Quatieri, T.F. *see* Bovik, A.C. 44963
Quatieri, T.F. *see* Maragos, P. 12984
Quazi Deen Mohd Khosru, Taniguchi, K., Hamaguchi, C. Evaluation of hot hole temperature and energy relaxation time in MOS structure 42570
Quddus, M. *see* Shukla, V.S. 30859
Que, D.L. *see* Chen, C.S. 19482
Que Long *see* Long Que
Quearry, D. *see* Pecht, M.G. 42327
Queau, E., Stremsdoerfer, G., Martin, J.R., Clechet, P. Electroless metal deposition as a useful tool for microelectronics and microstructures 26468
Queau, P. Televirtuality: the merging of telecommunications and virtual reality 22406
Quegan, S., Rhodes, I. Statistical models for polarimetric SAR data 38166
Queipo, N., Devarakonda, R., Humphrey, J.A.C. Genetic algorithms for thermosciences research application to the optimized cooling of electronic components 40959
Queirolo, G. *see* Bruni, M. 42400
Queirolo, G. *see* Nobili, C. 2261
Queiroz, R.L.de *see* de Queiroz, R.L.
Queiruga, C.A. *see* Diaz, J. 33268
Queisser, H.-J. *see* Weishart, H. 41372
Queisser, H.J. *see* Brandt, M.S. 3367
Queisser, H.J. *see* Kolodinski, S. 8761
Queisser, H.J. *see* Lee, S.H. 41403
Queisser, I. *see* Tutken, T. 28807
Queitsch, R. *see* Schutte, K. 18304
Quek, E. *see* Lukaszek, W. 1980
Queluz, M.P. A 3-dimensional subband coding scheme with motion-adaptive subband selection 13809
Queluz, M.P. *see* Macq, B. 36813
Queniart, D. Safety of future reactors in France 16592
Quenter, D., Stehle, S., Doderer, T., Krulle, C.A., Huebener, R.P., Muller, F., Niemeyer, J., Popel, R., Weimann, T., Ruby, R., Barfknecht, A.T. Spatially resolved studies of the microwave properties of superconducting devices 11551
Quenum, M. *see* Heumann, K. 2478
Quenzer, H.J. *see* Lochel, B. 33672
Quercigh, E. *see* Beker, H. 7152
Quercigh, E. *see* Campbell, M. 46972
Quercioli, F. *see* Lapucci, A. 3731
Quere, R., Ngoya, E., Camiade, M., Suarez, A., Hessane, M., Obregon, J. Large signal design of broadband monolithic microwave frequency dividers and phase-locked oscillators 34282
Quere, R., Obregon, J., Teyssier, J.P. Non-linear characterization and modelling of semiconductor devices: an integrated approach 28069
Quere, R. *see* Laurent, J.-M. 25124
Quere, R. *see* Suarez, A. 27298
Quere, R. *see* Teyssier, J.P. 27218
Quernheim, U., Vermohlen, R., Jolfaei, M.A. A new ARQ-scheme for multicast satellite communication 14545
Quero, J.M. *see* Carrasco, J.M. 8562
Querrou, M. *see* Aboubacar, A. 38802
Quervel, J.C. *see* Barriot, E. 45622
Quesada, A.F. *see* Oznovich, I. 29889
Quesada, J.M. *see* Amendola, G. 15445
Quesenberry, C.P. The effect of sample size on estimated limits for X̄ and X control charts 420
Quesne, F., Leich, H. Improving the performances of hidden Markov models for text dependent speaker verification or identification 13042
Quesne, J.F. *see* Demigny, D. 41928
Quesnel, D.J. *see* Stromswold, E.I. 9245
Quesnel, N. *see* Elsea, D. 17914
Quevedo-Losada, J.C. *see* Munoz-Blanco, J.A. 30159
Quezel, G. *see* Attari, M. 6466
Quezel, G. *see* Bah, S. 11407
Qui, J., Girgis, A.A. Determining the stability and realizability of a type of identified power system linear dynamic equivalent model 39460
Qui, J. *see* Haase, M.A. 28812
Qui-De Qian *see* Hutchinson, J.M. 11034
Quichaud, G., Ihaddadene, A., Poloujadoff, M., Benalla, H., Goyet, R. A new DC machine arrangement for an electronically assisted commutation 16889
Quickle, R.J. *see* Pfeiffer, H.C. 27908
Quigley, A.I. *see* Kim, K.S. 23071
Quigley, M., Hutchens, S. Phone directories on CD-ROM and online 45482
Quigley, S.F. *see* Pammu, S. 41847
Quiguer, T., Miche, P., Debrie, R. Fast and auto-adaptative morphological segmentation for implementation in a 3-D vision sensor 6560
Quillec, M. Optoelectronic materials 11906
Quillec, M. *see* Blez, M. 12152
Quillec, M. *see* Sylvestre, A. 19031
Quimby, D.C., Parazzoli, C.G., Pistoresi, D.J. Three-dimensional simulation of Littrow-grating sideband suppression in a 10 kW free-electron laser 43999
Quimby, R. *see* Raffaelli, L. 30903
Quimby, R.S. *see* Pedersen, B. 3511
Quimpo, R.G. *see* Sue-Jen Wu 9344
Quin, P.A. *see* Voytas, P.A. 31641
Quincey, P.G. High T_c Josephson junctions combining a grain boundary and local strain, using $NdGaO_3$ bicrystal substrates 28403
Quinlan, D. *see* Mii, Y. 43122
Quinlan, D. *see* Rishton, S.A. 28164
Quinlan, J.P. *see* Steiner, J.P. 47592
Quinlivan, R. *see* Kowal, B.W. 39164
Quinn, A.P. Threshold-free Bayesian estimation using censored marginal interference 13251
Quinn, B.G., Barrett, R.F., Kootsookos, P.J., Searle, S.J. The estimation of the shape of an array using a hidden Markov model 44888
Quinn, J. Videoconferencing: face to face at a distance 5586
Quinn, K.A.S. Some constructions for key distribution patterns 44693
Quinn, M., Migliorato, P., Reita, C., Pecora, A., Tallarida, G., Fortunato, G. High-field effects in polysilicon thin-film transistors 34969
Quinn, M.L., Schoenfeld, I., Serig, D. Remote afterloading brachytherapy: human factors in a partially automated treatment system 15913
Quinn, P.D., Buksh, P.A., Flaherty, J.V., Ford, L.M., Harris, N.W., Mullacrane, I.D., Rawlinson, W.R., Ring, T., York, S. An advanced beam steering system for the SRS at Daresbury 15454
Quinn, R.D., Kerslake, T.W. Solar dynamic modules for Space Station Freedom: the relationship between fine-pointing control and thermal loading of the aperture plate. I. Analysis 24443
Quinn, R.D. *see* Kerslake, T.W. 24440
Quinn, T.J. Mise en pratique of the definition of the metre (1992) 46273
Quinn, W.E. *see* Bae, J.W. 3626
Quinn, W.E. *see* Bae, J.W. 28806
Quinn, W.E. *see* Bae, J.W. 28816
Quinn, W.E. *see* Brusenbach, P. 28820
Quinn, W.E. *see* Shtengel, G. 44021
Quinn Brackett, R., Pezoldt, V.J., Roush, L. Estimating the height of a suspended wire 24980
Quinnell, R.A. Experiment-design software puts your hardware to the test 944
Quinnell, R.A. Emerging 100-Mbit Ethernet standards ease system bottlenecks 30510
Quint, I. *see* Konig, D. 47548
Quintana, V. *see* Hsieh, T.-C. 6586
Quintana, V.H. *see* Habiballah, I.O. 32171
Quintana, V.H. *see* Kennedy, D.C. 32845
Quintana, V.H. *see* Vargas, L.S. 24723
Quintard, V. *see* Claeys, W. 6492
Quintard, V. *see* Claeys, W. 19670
Quintard, V. *see* Claeys, W. 43058
Quintas, P.Z. *see* Auchincloss, P.S. 46953
Quintas, P.Z. *see* Kinnel, T.S. 38880
Quinteiro, J.M., Sandoval, J.D., Berrocal, J. Alternative strategies with slot reuse on DQDB networks 45329
Quintela-del-Rio, A. *see* Cao, R. 9375
Quinterio, J.M. *see* Sandoval, J.D. 45537
Quintero-Torres, R., Thakur, M. Second-harmonic generation in single-crystal films of an organic material 28978
Quinto, J.V., Benlloch, J.V. Computer controlled logic analyser for digital signatures 31105
Quinton, S. *see* Eisenhandler, E. 15665
Quinton, S. *see* Ellis, N. 38927
Quirk, E.G. *see* Dearden, G. 43979
Quiroga-Teixeiro, M.L. *see* Kivshar, Y.S. 28478
Quiroga-Teixeiro, M.L. *see* Kivshar, Y.S. 36000
Quiroga-Teixeiro, M.L. *see* Kivshar, Y.S. 36317
Quiros, F.J.Casajus *see* Casajus Quiros, F.J.
Quiros, J.G.Bernaldo de *see* Bernaldo de Quiros, J.G.
Quisquater, J.-J. *see* de Waleffe, D. 22557
Quisquater, J.-J. *see* Delos, O. 12874
Quisquater, J.-J. *see* Hoffmann, A. 46230
Quisquater, J.-J. *see* Macq, B. 13549
Quisquater, J.-J. *see* Deswarte, Y. *(editor)* 17663
Quist, P. *see* Steinmetz, D. 8195
Quist, P. *see* Steinmetz, D. 32726
Qun, F. *see* Auchincloss, P.S. 46953
Qun Li *see* Kunji Chen 12332
Qun Li *see* Li Qun
Qun Lin *see* Lin Qun
Qun Ruan Li *see* Li Qun Ruan
Qun Shen, Finkelstein, K.D. A complete characterization of x-ray polarization state by combination of single and multiple Bragg reflections 24136
Qun Shi Multichannel M-QAM transmission for lightwave CATV systems 38337
Qun Shi Performance limits on M-QAM transmission in hybrid multichannel AM/QAM fiber optic systems 45989
Qun Wang *see* Qinghai Miao 398
Qun Wang *see* Wang Qun
Qun Xiao *see* Bing-Zhong Wang 29119
Qun Zhang Li *see* Ru Tong Hong 5040
Qunli, W. Reconstruction of blockage in a duct from single spectrum 32142
Quo Jialin *see* Qi Liangdi 6684
Quoc Ngo Nam *see* Nam Quoc Ngo
Quoi, K.W. *see* Kim, K.S. 35413
Ququan Wang *see* Wang Ququan
Ququan Wing *see* Wing Ququan
Qureshi, A.H. *see* Molyneaux, D.A. 44265
Qureshi, G.Nabi *see* Nabi Qureshi, G.
Qureshi, M.I., Al-Arainy, A.A., Malik, N.H. Performance of rod-rod gaps in the presence of dust particles under standard switching impulses 25040
Qureshi, W.M., Landers, T.L., Gbur, E.E. Robustness evaluation of a semi-parametric proportional intensity model 41008
Qutaishat, S., Davidsson, P., Delsing, P., Jonson, B., Kroc, R., Lindroos, M., Norrman, S., Nyman, G. Design of microelectronic thermal detectors for high resolution radiation spectroscopy 46872
Qwun Lee Chee *see* Lee Chee Qwun

R., M.T.Campillo *see* Campillo R., M.T.
Ra, J.B. *see* Chun, K.W. 4942
Ra, J.B. *see* Rew, C.Y. 7669
Ra, S.-W., Kim, J.-K. A fast mean-distance-ordered partial codebook search algorithm for image vector quantization 22046
Ra, Y., Ching-Hwa Chen Direct current bias as an ion current monitor in the transformer coupled plasma etcher 10916
Ra Jung Woong *see* Jung Woong Ra
Ra Jung-Woong *see* Jung-Woong Ra
Raab, J. *see* Gratsch, B. 37634
Raabe, P., Heinrich, W., Hartnagel, H.L. Rigorous computer analysis of high-frequency pickup and kicker devices for ESR stochastic cooling 15439
Raabe, P. *see* Borek, H. 15442
Raaijmakers, I.J., Ellwanger, R.C. Metallization of $TiSi_2$/Si Schottky diodes with MOCVD-TiN barrier layers and Al-Cu reflow sputtering 2224
Raaijmakers, I.J., Yang, J. Low temperature MOCVD of advanced barrier layers for the microelectronics industry 18247
Raaijmakers, I.J. *see* Taylor, D.S. 802
Raanes, C.A., Bottenberg, L. A high resolution CCD camera family with a PC host 6572
Raatikainen, K.E.E. A sequential procedure for simultaneous estimation of several means 470
Raatikainen, P., Zidbeck, J., Flinck, H. Frame Synchronized Ring: a bus concept for high speed processing applications 14251
Raay, F.van *see* van Raay, F.
Rabach, G. *see* Contin, A. 40092
Rabach, G. *see* Contin, A. 40109
Rabadan, C. *see* Ywanne, F. 21879
Rabaeijs, A. *see* Van Himbeeck, C. 37892
Rabaey, J. *see* Chandrakasan, A.P. 28271
Rabaey, J. *see* Potkonjak, M. 26600
Rabaey, J. *see* Potkonjak, M. 34001
Rabal, H.J. *see* Torroba, P.L. 45139
Rabanos, J.M.Hernando *see* Hernando Rabanos, J.M.
Rabczuk, G., Kukiello, P., Labuda, S., Sliwinski, G. Modeling of gain distributions in a transverse-flow CO_2 laser with a multipass resonator 11972
Rabczuk, G. *see* Kukiello, P. 11973
Rabe, K. *see* Pfeiffer, W. 43167
Rabe, M. *see* Griesche, J. 26453
Rabedeau, T.A. *see* Farrow, R.F.C. 9525
Rabehi, A. *see* Segur, P. 46925
Rabenberg, L. *see* Maury, C. 11500
Rabenstein, R. Design of 2D FIR digital filters with flatness constraints for the error function 29573
Rabenstein, R. Design of FIR digital filters with flatness constraints for the error function 29574
Rabenstein, R. Discrete simulation of linear multidimensional continuous systems 36651
Rabidoux, P. *see* Conley, W. 11056
Rabier, P., Perier, L. Power control using a dedicated microcontroller & triacs 41672
Rabier, P.J., Rheinboldt, W.C. On the computation of impasse points of quasi-linear differential-algebraic equations 41182
Rabiner, L.R. Applications of voice processing to telecommunications 36603
Rabiner, L.R. *see* Juang, B.H. 4497
Rabiner, L.R. *see* Lee, C.-H. 29503
Rabiner, L.R. *see* Lee, C.H. 13029
Rabinovich, A. *see* Calderbank, A.R. 12844
Rabinovich, E.V. Compact representation of the functions difficult to tabulate (function splitting technique) 9370
Rabinovich, E.V., Ruban, A.A., Tsapenko, M.P., Shefel, G.S. Adaptive piecewise-linear approximation 9451
Rabinovich, E.V., Ruban, A.A., Tsapenko, M.P., Shefel, G.S. Algorithms of adaptive piecewise polynomial approximation 9452
Rabinovich, E.V., Tsapenko, M.P. Tabular analog-to-digital converters and processors 10231
Rabinovich, M., Lazowska, E.D. Efficient support for partial write operations in replicated databases 45331
Rabinovich, V.S. *see* Bykov, V.L. 14539
Rabinovici, R. Eddy current losses of permanent magnet motors 25388
Rabinovici, R. *see* Kaplan, B.Z. 1024
Rabinowitz, M. Superconducting magnetic energy storage: conventional and trapped field 20229

Rabinowitz, M. *see* Meliopoulos, A.P.S. 47351
Rabinowitz, P. *see* Cools, R. 18080
Rabinowitz, S.A. *see* Auchincloss, P.S. 46953
Rabinowitz, S.A. *see* Kinnel, T.S. 38880
Rabinowitz, W.M. *see* Stadler, R.W. 7480
Rabitsch, G. *see* Biegelmeier, G. 207
Rabot, O. Very high power modulator 32922
Rabotkin, V.G. *see* Kozyrev, A.V. 10601
Rabou, N.A., Ikeda, H. DBS receiver utilising optical fiber as intermediate frequency transmission line 6190
Rabou, N.A., Ikeda, H., Yoshida, H., Shinohara, S. Optical fiber transmission of multi-channel FM audio and video signals 14604
Rabou, N.Abd *see* Abd Rabou, N.
Rabrenovic, D.M., Lutovac, M.D. Minimum stopband attenuation of Cauer filters without elliptic functions and integrals 18858
Rabrenovic, D.M., Lutovac, M.D. Elliptic filters with minimal Q-factors 34143
Rabson, T.A. *see* Smith, E.B. 35200
Racanelli, M. *see* Greve, D.W. 2485
Rachcoff, J. *see* Boes, P. 5689
Racheva, T.M., Stambolova, I.D., Donchev, T. Humidity-sensitive characteristics of SnO_2-Fe_2O_3 thin films prepared by spray pyrolysis 31194
Rachidi, F. Formulation of the field-to-transmission line coupling equations in terms of magnetic excitation field 12649
Rachkov, A.V., Sokolov, D.S. Temperature-dependent variations in an image-converter parameter 38549
Rachkova, A. *see* Beshkov, G. 33671
Rachkovskii, L.I. *see* Tanin, L.V. 31457
Rachman, O. *see* Even, G. 10145
Racicot, R.L. Increasing mission reliability by using open-loop control 24579
Racine, C. *see* Chen, B. 20026
Racine, G.A. *see* Despont, M. 31205
Raciti, A. *see* Consoli, A. 17515
Raciti, A. *see* Ferrero, A. 25411
Raciti, A. *see* Galluzzo, A. 1061
Racko, J., Donoval, D., Bedlek, M., Barus, M., Satka, A., Hromcova, J. New boundary conditions for the simulation of Schottky structure characteristics 10742
Racko, J. *see* Hromcova, J. 42596
Raco, A. *see* Kang Shixiu 28030
Racoveanu, C.E., Banica, I., Bobos, M., Popa, B. Organization of the maintenance program at the Cernavoda NGS 16544
Racz, A. *see* French, M. 46990
Racz, A. *see* Guyonnet, J.L. 46904
Racz, B. *see* Bor, Z. 15911
Racz, M., Makai, J.P. Variable-intensity large-area illuminator for photodetectors and image sensors 23706
Racz, M., Reti, I., Ferenczi, S. Probe construction for measuring ultraviolet-A radiation 11814
Racz, M., Reti, I., Ferenczi, S. Measurement of UV-A and UV-B irradiance with glass filtered detectors 23591
Raczkowksi, D.B. *see* Phelps, R.A. 38798
Raczkowycz, J. *see* Allott, S. 10246
Radaelli, P. *see* Boscolo, I. 43699
Radamson, H.H., Sardela, M.R., Jr., Nur, O., Willander, M., Sernelius, B.E., Ni, W.-X., Hansson, G.V. Electron mobility enhancement in Si using doubly δ-doped layers 42401
Radamson, H.H. *see* Sardela, M.R., Jr. 42846
Radantsev, V.F. *see* Zav'ialov, V.V. 34605
Radcliff, R. *see* Cooper, R.M. 45855
Radcliff, T.D., Johnson, W.S., Parsons, J.P., Ekeroth, D.E. Visualization of the lower plenum anomaly in the Westinghouse AP600 reactor 47671
Radcliffe, J. *see* Foster, E. 33364
Radcliffe, T. *see* Wowk, B. 31973
Radcliffe, T. *see* Wowk, B. 39087
Radebaugh, R. *see* Rawlins, W. 15250
Radecki, J., Konrad, J., Dubois, E. Design of finite wordlength 2-D IIR filters using simulated annealing 10326
Radecki, Z. *see* Bojanowski, R. 39862
Radehaus, C. *see* Jenkins, R.B. 30776
Radeka, V., Rescia, S., Manfredi, P.F., Speziali, V., Svelto, F. JFET monolithic preamplifier with outstanding noise behaviour and radiation hardness characteristics 18494
Radeka, V., Rescia, S., Rehn, L.A., Manfredi, P.F., Speziali, V. Monolithic junction field-effect transistor charge preamplifier for calorimetry at high luminosity hadron colliders 15674
Radelaar, S. *see* Cheung, R. 27739
Radelaar, S. *see* Hilbrandie, G.R. 35265
Radelaar, S. *see* Jongste, J.F. 10738
Radelaar, S. *see* Jongste, J.F. 42605
Radelaar, S. *see* Kraayeveld, J.R. 34830
Radelaar, S. *see* Leusink, G.J. 828
Radelaar, S. *see* Oosterlaken, T.G.M. 18249
Radelaar, S. *see* van der Drift, E. 27753
Radelaar, S. *see* Webster, M.N. 27257
Radelaar, S. *see* Werner, K. 41365
Rademacher, K.-H. New designer plastics for collection line mobile telephones 37642
Radermacher, E. *see* Bencze, G.L. 38858
Radermacher, E. *see* Gasparini, F. 7223
Radermacher, K., Carius, R., Mantl, S. Optical and electrical properties of buried semiconducting β-$FeSi_2$ 27554
Radermacher, K., Mantl, S., Apetz, R., Dieker, Ch., Luth, H. Ion beam synthesis of buried iron disilicide 2079
Radermacher, K., Monroe, D., White, A.E., Short, K.T., Jebasinski, R. Quantum transport of buried single-crystalline $CoSi_2$ layers in (111)Si and (100)Si substrates 10741
Radermacher, K., Schuppen, A., Mantl, S. Electron transport of inhomogeneous α-$FeSi_2$/(111)Si Schottky barriers 27566
Radermacher, K. *see* Muller, O. 19411
Radhakrishna, H.S. *see* Wan, A.W.L. 16016
Radhakrishna, S. *see* Arof, A.K. 17151
Radhakrishna Rao, C., Lu Zhang, Zhao, L.C. Multitarget angle tracking an algorithm for data association 45011
Radhakrishnan, K. *see* Yoon, S.F. 699
Radhakrishnan, K. *see* Zhang, D.H. 41258
Radhakrishnan, P. *see* Philip, A. 21080
Radhakrishnan, S., Chakne, S., Shelke, P.N. High piezoresistivity in conducting polymer composites 34551
Radhakrishnan, T. *see* Arumugam, A. 45193
Radhakrishnan Pillai, S., Nugent, S.T. Design of three channel power complementary filters with maximally flat characteristics 27039
Radic, N. *see* Turkovic, A. 28643
Radich, B.M., Buckley, K.M. The effect of source number underestimation on MUSIC location estimates 36773
Radich, W.M., Buckley, K.M. Robust high-resolution eigenspace DOA estimation 29710
Radin, A.M. *see* Skryabin, D.V. 44014
Radin, V.I., Shakaran, Yu.G. Generator complexes for wind-driven electric plants 25282
Radisavljevic, A. *see* Vemuri, B.C. 37032
Radisic, V., Hjelme, D.R., Horrigan, A., Popovic, Z.B., Mickelson, A.R. Experimentally verifiable modeling of coplanar waveguide discontinuities 21347
Radisic, V., Jevremovic, V., Popovic, Z.B. CPW oscillator configuration for an electro-optic modulator 19137
Radke, C.E., Lo-Soun Su, Yee-Ming Ting, VanHorn, J. Known good die and its evolution: bipolar and CMOS 9254
Radke, C.E., Su, L.-S., Ting, Y.-M., VanHorn, J. Known good die and its evolution—bipolar and CMOS 337
Radke, J. *see* Ferguson, D. 47186
Radke, J. *see* Helgeson, M. 39224
Radke, J. *see* Sadjadi, F. 38160
Radke, K. *see* Sawamura, B. 39223
Radloff, J.L. *see* Lin, H. 35972
Radmanesh, M.M., Cadwallader, J.M. Millimeter-wave noise sources at V-band (50 to 75 GHz) 1559
Radner, T. Digital motor controller for servo applications 40511
Radnoczi, G., Hasan, M.-A., Sundgren, J.-E. Defects in amorphous and solid phase epitaxial silicon 41263
Radoichevski, V.T. *see* Avakov, R.A. 14341
Radomanov, V.B. *see* Aksinenko, V.D. 7265
Rados, M. *see* Pudlowski, Z.J. 33270
Radosevich, R. A mixed-strategy model and case example of federal technology transfer in the USA 185
Radoszewski, T. *see* Terlikowska-Drozdziel, T. 38853
Radu, C. *see* Carstoiu, D. 44747
Radulovic, Z., Masada, E., Sabanovic, A. Sliding mode control strategy of the three phase reactive power compensator 16961
Radun, A.V. *see* Jahns, T.M. 39302
Radunovic, J.B. *see* Gvozdic, D.M. 1971
Radvanyi, A. *see* Eross, G. 1364
Radvanyi, A.G. A dual CNN model of cyclopean perception and its application potentials in artificial steropsis 4972
Radwan, R.M., Morsi, R., Abd-Allah, M.A. Motion of free conducting particles in SF_6 insulated systems under dc switching voltages 43170
Radzimski, Z.J. *see* Stark, T.J. 27913
Radziyevskiy, V.G., Zheltoukhov, O.V. An investigation of the accuracy of measurements of the frequency and direction of arrival of a radio signal in radio countermeasures equipment information systems 16098
Radzykewycz, D.T., Jr. *see* Miller, H.C. 28696
Rae, A. Ceramic capacitor materials enhance product performance 34287
Rae Cho Hyoung *see* Hyoung Rae Cho
Rae Duk Lee *see* Se Ii Park 2892
Rae-Hong Park *see* Hong-Kyu Chung 417
Rae-Hong Park *see* Joon-Seek Kim 29801
Raeder, C.H. *see* Felton, L.E. 876
Raeder, M., Teschner, H.-G. Tendencies in the development of electrical network control systems 47376
Raedt, W.dDe *see* dDe Raedt, W.
Raedt, W.De *see* De Raedt, W.
Raekken, R.H. *see* Levnes, G. 30613
Raes, S. *see* Dewey, R. 22879
Raes, S. *see* Sfez, R. 37155
Raevsky, I.P. *see* Bogatin, A.S. 27321
Rafa, K.G. *see* Rajan, V.S.V. 15247
Rafael, F.S., Pomilio, J.A., Lira, A.C., Apfelbaum, J. A high-voltage resonant converter for pulsed magnets 15551
Rafajlovski, G. Synthesis of digitally position control system with microcomputer and DC motor 16895
Rafeeq Ahmed, P., Kalpana, Y., Sailaja, T. Isolated word recognition system using 68000 microprocessor 44765
Rafesthain, T. *see* Ba-Razzouk, A. 25866
Rafesthain, T. *see* Saad, M. 8529
Raffaelli, F. *see* Amidei, D. 46890
Raffaelli, F. *see* Tkaczyk, S. 46989
Raffaelli, L., Stewart, E., Quimby, R., Borelli, J., Geissberger, A., Palmieri, D. 77 GHz transmitter for automotive radar 30903
Raffeiner, E. Method for passing on information in energy distribution installations [power stations] 25100
Raffeiner, E. A new ESC base component: the KFM compact bay module 32960
Rafferty, C.S. *see* Gossmann, H.-J. 19507
Rafferty, C.S. *see* Gossmann, H.-J. 19529
Rafferty, C.S. *see* Lifshitz, N. 19645
Raffle, Y., Kuszelewicz, R., Azoulay, R., Le Roux, G., Michel, J.C., Dugrand, L., Toussaere, E. In situ metalorganic vapor phase epitaxy control of GaAs/AlAs Bragg reflectors by laser reflectometry at 514 nm 18165
Raffo, C.A. *see* Mosquera, C.F. 28994
Raffo, R. *see* Angelini, F. 7225
Raffo, R. *see* Angelini, F. 46951
Raffone, G. *see* Bartalucci, S. 15501
Raffy, J., Debuisschert, T., Pocholle, J.-P., Papuchon, M. Tunable IR laser source with optical parametric oscillators in series 44065
Rafie, M.S., Newman, W. Digital phase-locked loop applications to digital radio channels 22787
Rafiq, M. *see* Carr, H. 7660
Rafizadeh, D., Jopson, R.M. Kilowatt pulses at 1.55 μm from a singlemode erbium-doped fibre amplifier 35739
Ragab, A.H.M. Efficient software design model, dimensioning and overload control for computer controlled switching systems 30581
Ragaini, E. *see* Balsley, B.B. 29178
Ragay, F.W., Leys, M.R., Wolter, J.H. Aluminium layers as nonalloyed contacts to p-type GaAs 1925
Ragay, F.W., Leys, M.R., Wolter, J.H. Application of δ-doping in GaAs tunnel junctions 27624
Ragazzini, S. *see* Martinelli, G. 5014
Ragel, V. *see* Labeau, M. 6640
Ragg, O.M., Harris, I.R. A study of the effects of Cu-addition on the annealing behavior and microstructures of Nd-Fe-B type sintered magnets 43287
Raggi, A. *see* Macchiarella, G. 19045
Raghavachari, B. *see* Furer, M. 26317
Raghavachari, K., Higashi, G.S., Chabal, Y.J., Trucks, G.W. First-principles study of the etching reactions of HF and H_2O with Si/SiO_2 surfaces 34715
Raghavan, P.Santhana *see* Santhana Raghavan, P.
Raghavan, R. *see* Vivekanandan, J. 32088
Raghavan, S. *see* Jan, D. 34651
Raghavan, S.A., Wolf, J.K., Milstein, L.B., Barbosa, L.C. Non-uniformly spaced tapped-delay-line equalizers 13271
Raghavan, S.V. *see* Bapat, A.S. 5569
Raghavan, S.V. *see* Vijayananda, K. 5384
Raghavan, V., Pattipati, K.R., Bar-Shalom, Y. Efficient L-D factorization algorithms for PDA, IMM, and IMMPDA filters 21784
Raghavan, V. *see* Bracken, J.E. 26586
Raghavan, V. *see* Felmlee, T. 2327
Ragheb, M. *see* Uluyol, O. 32617
Raghunath, K.J., Parhi, K.K. Pipelined implementation of high speed STAR-RLS adaptive filters 34172
Raghunath Rao, K. *see* Ben-Arie, J. 36793
Raghuram, R., Divekar, D., Wang, P. Using pole-zero analysis techniques 9872
Raghuram, R., Matsui, N., Divekar, D., Wang, P. Electrical modeling of vias 17865
Raghuramireddy, D. *see* Nie, X. 10313
Raghuveer, M.R. *see* Ding Lin 47926
Raghuveer, M.R. *see* Samar, V.J. 7447
Ragit, C.S., Katakwar, S.N. Computer based optimum economic load dispatch 7884
Ragle, D., Decker, K., Loy, M. ESD effects on GaAs MESFET lifetime 43004
Ragle, L.O. *see* Herman, M.H. 28623
Raglin, K.A., Arndt, S.A., Griffin, J.I., Griffin, J.P., Reidinger, L.J., Showe, S.K. Experience gained from the RETACT/STK upgrade of the Black Fox Simulator 16586
Ragnemalm, I. The Euclidean distance transform in arbitrary dimensions 5101
Ragsdell, K.M. *see* Tsai, S.-C. 423
Raguotis, R. *see* Celik, V. 44597
Ragupathi, S. *see* Nandakumar, V.N. 16729
Rahal-Arabi, T. *see* Lape, K.M. 6736
Rahamany, A.El *see* El Rahamany, A.
Rahardja, S., Look, L.C., Anh, D.M. Differential phase shift keying modulation for WIN systems 30442
Rahat, I., Shappir, J., Ben-Atar, D. Novel interface nitridation process for thin gate oxides 19610
Rahder, C. *see* Kraushaar, K.H. 8153

Rahe, G. *see* Dewald, N. 16197
Raheli, R., Polydoros, A., Tzou, C.-K. Per-survivor processing [MLSE algorithm approximation] 4763
Rahim, A.A., Dabozci, T., Kollar, I. Transient deconvolution with median prefiltering 4689
Rahim, A.A., Dobrowiecki, T. Adaptive nonlinear filter for nonstationary noise 21850
Rahim, A.H.M.A. *see* Al-Baiyat, S.A. 7812
Rahim, M.A. Economic design of $\bar{X}$ control charts assuming Weibull in-control times 422
Rahim, M.A., Banerjee, P.K. A generalized model for the economic design of $\bar{x}$-control charts for production systems with increasing failure rate and early replacement 17935
Rahim, Y.H.A., Alolah, A.I., Al-Mudaiheem, R.I. Performance of single phase induction generators 25426
Rahimian, M.M. *see* Toliyat, H.A. 8576
Rahimo, M. *see* Hoban, P.T. 1060
Rahko, K. *see* Ma, J. 45274
Rahm, S. Performance of an optical detector preamplifier 6143
Rahman, A. *see* Enjeti, P.N. 8498
Rahman, A. *see* Enjeti, P.N. 8508
Rahman, B.M.A., Liu, Y., Grattan, K.T.V. Finite-element modeling of one- and two-dimensional MQW semiconductor optical waveguides 20795
Rahman, F. Beam shaping technique for reflector antennas of limited aperture 12765
Rahman, F. *see* Grantham, C. 8410
Rahman, K.M., Nguyen, C. On the analysis of single- and multiple-step discontinuities for a shielded three-layer coplanar waveguide 21345
Rahman, L. *see* Winful, H.G. 12077
Rahman, M., Foad, M.A., Hicks, S., Holland, M.C., Wilkinson, C.D.W. Defect penetration during the plasma etching of semiconductors 19618
Rahman, M., Thick, R. Microprocessor controlled power supply 33871
Rahman, M. *see* Von Dollen, D. 32437
Rahman, M.A., Murthy, K.M.S., Tho Le-Ngoc, Elhakeem, A.K. A concatenated coded modulation scheme for spread spectrum multiple access system 37961
Rahman, M.A. *see* Bashir Uddin, Md. 8371
Rahman, M.A. *see* Bashir Uddin, Md. 8515
Rahman, M.A. *see* Chiba, A. 16874
Rahman, M.A. *see* Khan, S.I. 16958
Rahman, M.A. *see* Maani, G. 17450
Rahman, M.A. *see* Maani, G.G. 16892
Rahman, M.A. *see* Nomura, S. 16850
Rahman, M.A. *see* Qian, J. 47852
Rahman, M.A. *see* Uddin, B. 16831
Rahman, M.F., Lim, K.W., Low, K.S. Evaluation of an EMF injection scheme for a permanent magnet brushless DC drive 8828
Rahman, M.F., Low, K.S., Lim, K.W. Software controllers for permanent magnet synchronous motor drive 17438
Rahman, M.F., Zhong, L., Grantham, C. Modelling and parameter sensitivity studies of a CRPWM inverter fed induction motor drive under field acceleration and field oriented controls 40568
Rahman, M.F. *see* Low, K.S. 32846
Rahman, M.T., Lebby, G.L., Sherrod, E.E. Noise cancellation in time and frequency domain using neural networks 44919
Rahman, S. A methodology to assess the impact of energy conservation and demand side management on electrical system capacity needs 16166
Rahman, S. Artificial intelligence in electric power systems: a survey of the Japanese industry 24717
Rahman, S., Drezga, I., Rajagopalan, J. Knowledge enhanced connectionist models for short-term electric load forecasting 16280
Rahman, S., Kroposki, B.D. Photovoltaics and demand side management performance analysis at a university building 25681
Rahman, S., Rinaldy An efficient load model for analyzing demand side management impacts 24718
Rahman, S. *see* Bouzguenda, M. 24676
Rahman, S. *see* Broadwater, R.P. 32408
Rahman, S. *see* Dash, P.K. 16282
Rahman, S. *see* Dash, P.K. 24776
Rahman, S. *see* Dash, P.K. 32359
Rahman, S. *see* Dash, P.K. 32360
Rahman, S. *see* Shrestha, G. 7890
Rahman, S.Moshiur *see* Moshiur Rahman, S.
Rahmani, S., Stone, A.G. Automated modeling and prototyping approach for failure detection and isolation 24441
Rahmat-Samii, Y., Duan, D.W., Jensen, M.A. Modern antenna design concepts for satellite and personal communications 44610
Rahmat-Samii, Y., Williams, L., Yaccarino, R. Novel bi-polar near-field and diagnostic techniques for antenna measurements 21385
Rahmat-Samii, Y. *see* Duan, D.W. 4256
Rahmat-Samii, Y. *see* Duan, D.W. 21402
Rahmat-Samii, Y. *see* Houshmand, B. 40833
Rahmat-Samii, Y. *see* Jensen, M.A. 36350
Rahmat-Samii, Y. *see* Jensen, M.A. 44604
Rahmat-Samii, Y. *see* Min, J. 14487
Rahmat-Samii, Y. *see* Williams, L.I. 44570
Rahmat-Samii, Y. *see* Yaccarino, R.G. 44571
Rahmat-Samii, Y. *see* Zhang, D. 21381
Rahmati, M., Hassebrook, L.G., Vijaya Kumar, B.V.K. Automatic target recognition with intensity- and distortion-invariant hybrid composite filters 30111
Rahmati, M. *see* Hassebrook, L.G. 30105
Rahn, J. *see* Barberis, E. 24093
Rahn, J. *see* Barberis, E. 46846
Rahn, J. *see* O'Shaughnessy, K. 47008
Rahn, J. *see* Ziock, H.-J. 46885
Rahnama, M. *see* Shojaei, M. 20622
Rai, A.K. *see* Prokes, S.M. 9599
Rai, C.S. *see* Vishvakarma, B.R. 28291
Rai, G. *see* Bachler, J. 46934
Rai, G. *see* Hanger, J.A. 31668
Rai, H.C., Murthy, S.S., Singh, B.P., Singh, B. Performance analysis of single-phase self excited induction generator (SEIG) with single-winding 40229
Rai, H.C. *see* Murthy, S.S. 25425
Rai, R.S. *see* Christensen, D.H. 20831
Rai, S., Khan, S. Recognition of handwritten characters using generalised shape descriptors 13747
Rai, S. *see* Biswas, K. 41826
Rai, T.S. *see* Lu, C.N. 7838
Rai, V.N., Shukla, M., Khardekar, R.K. A transistorized Marx bank circuit providing sub-nanosecond high-voltage pulses 47994
Rai-Choudhury, P. *see* Heddleson, J.M. 2196
Rai-Choudhury, P. *see* Heddleson, J.M. 42543
Rai-Choudhury, P. *see* Le Dudal, R. 43120
Rai-Choudhury, P. *see* Polyakov, A.Y. 9533
Rai-Choudhury, P. *see* Weinzierl, S.R. 42909
Raia, G. *see* Giove, D. 15176
Raia, G. *see* Migneco, E. 7144
Raib, E.R., Jalali, J. Design and implementation of an over-current static relay on a personal computer 32478
Raicevich, G., Dermody, P. Comparison of methods for speech analysis 12998
Raich, U. *see* Amendola, G. 15300
Raikhel'son, M.K. *see* Kopylov, D.A. 13503
Raikher, Y.L. *see* Korovin, V.M. 18337
Railing, B.D. *see* Donahue, J.A. 47478
Railton, C.J. An algorithm for the treatment of curved metallic laminas in the finite difference time domain method 21340
Railton, C.J., Daniel, E.M. A comparison of the properties of radiating boundary conditions in the FDTD method for finite discretisation and non-planar waves 44334
Railton, C.J. *see* Craddock, I.J. 12627
Railton, C.J. *see* Johnson, R.H. 7338
Railton, C.J. *see* Pothecary, N.M. 7461
Railton, R. *see* Corner, G.A. 7511
Raimbourg, J. *see* Joly, S. 44009
Raimondi, S. *see* Verdun, F.R. 24176
Raina, G., Tong, S., Nuelk, S. Unit commitment application builds up existing EMS 7820
Raina, J.P. *see* Nair, P. 3517
Rainal, A.J. Eliminating inductive noise of external chip interconnections 40940
Rainard, J.L. *see* Borgne, M. 30808
Rainbolt, J. *see* Reynolds, K.Y. 6211
Raine, C. *see* Beaumont, S.P. 15637
Rainer, F. *see* Chow, R. 3293
Raineri, V., Galvagno, G., Priolo, F., Rimini, E. Orientation phenomena in MeV implants of P in Si 10830
Raineri, V. *see* Vandervorst, W. 46568
Raines, S.N. *see* Watson, D.M. 15025
Rainforth, W.M. *see* Manaf, A. 20134
Raingeaud, Y., Andrieu, J., Jecko, B. Analysis of the coupling of an electromagnetic waveform with an aircraft 44386
Rairden, R.L. *see* Mende, S.B. 31267
Rais, K., Balestra, F., Ghibaudo, G. Temperature dependence of gate induced drain leakage current in silicon CMOS devices 28260
Raisanen, A. *see* Koistinen, O. 7598
Raisanen, A. *see* Koistinen, O.P. 47271
Raisanen, A.V., Choudhury, D., Dengler, R.J., Oswald, J.E., Siegel, P.H. A novel split-waveguide mount design for millimeter-and submillimeter-wave frequency multipliers and harmonic mixers 18986
Raisanen, L. *see* Siivola, J. 31828
Raiskii, B.V. *see* Manuilov, V.N. 12527
Raissanen, A.V. *see* Xu, J. 1524
Raistrick, I. *see* Rudge, A. 25626
Raita, T., Teuhola, J. Arithmetic coding into fixed-length codewords 44716
Raita, T. *see* Bookstein, A. 4385
Raitt, W.J. *see* Oberhardt, M.R. 39148
Raittinen, H., Kaski, K. Fractal based image compression with affine transformations 4845
Raj, B., Bhattacharya, D.K., Rodriguez, P. Development of in-service inspection techniques for nuclear power plants in India 25167
Raj, B., Jha, B.B. Fundamentals of acoustic emission 26537
Raj, D.V. Radiation dosimetry using junction field-effect transistor detectors 7499
Raj, P.Sundar Varada *see* Sundar Varada Raj, P.
Raj, V.Venkat *see* Venkat Raj, V.
Raja, P., Hernandez, J., Decotignie, J.-D., Noubir, G. Design and implementation of a robust Fieldbus protocol 14246
Raja, P., Noubir, G., Ruiz, L., Hernandez, J., Riese, M., Decotignie, J. Analysis of a class of polling protocols for fieldbus networks 30473
Raja, V.Sundara *see* Sundara Raja, V.
Raja, Y. *see* Morris, J.E. 3370
Rajaei, H. *see* Popescu, A. 14223
Rajagopal, A.K. *see* Buot, F.A. 28066
Rajagopal, K.R., Krishnaswamy, M., Singh, B.P., Singh, B., Bhatia, C.M. High resolution hybrid stepper motor with pole redundancy for space application 8812
Rajagopal, R., Ramakrishna Rao, P. Extension of eigenstructure methods for DOA estimation to realistic ocean scenario 14726
Rajagopal, R.S., Sawhney, P.S., Ostadan, F. Seismic considerations for the standardized advanced lightwater reactor (ALWR) plant design 32575
Rajagopal, S., Sigari, P.G., Allen, J.E., Assadian, M. Water system modeling for dispatcher training simulators 24719
Rajagopalan, H. *see* Grandhi, R.V. 24384
Rajagopalan, J., Jongepier, A.G., Van der Sluis, L. Short term load forecasting using functional link networks: results of a feasibility study 16277
Rajagopalan, J. *see* Rahman, S. 16280
Rajagopalan, M., Demaine, H. Issues in energy subsidies for irrigation pumping: a case study from Mahbubnagar District, Andhra Pradesh, India 33173
Rajagopalan, R. *see* Bhatia, D. 43078
Rajagopalan, S., Mitra, U., Pan, S., Gupta, K., Lin, C.M., Sery, G., Mittal, S., Hasserjian, K., Lo, W.J., Neubauer, G. Reaction of DI water and silicon and its effect on gate oxide integrity 34789
Rajagopalan, S. *see* Avery, R.E. 7257
Rajagopalan, S. *see* Avery, R.E. 7258
Rajagopalan, S. *see* Chen, P. 6963
Rajagopalan, V. *see* Ba-Razzouk, A. 25866
Rajagopalan, V. *see* Debebe, K. 112
Rajagopalan, V. *see* Saad, M. 8529
Rajakaruna, S., Bonert, R. A technique for the steady-state analysis of a self-excited induction generator with variable speed 32858
Rajakarunanayake, Y., Luo, Y., Adkins, B.T., Dai, X., Compaan, A. Epitaxial growth of II-VI semiconductor superlattices by pulsed-laser deposition 18171
Rajakovic, N., Ruzic, S. Sensitivity analysis of an optimal short term hydro-thermal schedule 24612
Rajala, S. *see* Abdelqader, I. 4908
Rajala, S.A. *see* Kim, Y. 30064
Rajamani, K., Hariharan, M.V. Synchronous starting of synchronous machine 25396
Rajan, B.S., Siddiqi, M.U. Transform decoding of BCH codes over Z_m 12910
Rajan, E.G. Cellular logic array processing techniques for high-throughput image processing systems 4931
Rajan, J.N. *see* Jangra, L.R. 8116
Rajan, K.Sowri *see* Sowri Rajan, K.
Rajan, P.K. *see* Khan, A. 36858
Rajan, P.K. *see* Muttiah, F.S. 45157
Rajan, P.K. *see* Rajaravivarma, V. 34178
Rajan, S. *see* Ulrich, R. 356
Rajan, V.S.V., Ridley, R.K., Rafa, K.G. Multiphase flow measurement techniques—a review 15247
Rajan, V.T. *see* Giles, M.D. 28245
Rajangam, R.K. *see* Kasturirangan, K. 32035
Rajanna, K. *see* Nayak, M.M. 23554
Rajaonera, G. *see* Leblond, B. 34471
Rajapakse, J.C., Acharya, R. Regularization approach to multi sensor reconstruction 29828
Rajapakshe, R. *see* Wowk, B. 39087
Rajaram, R. Report on the super conductor magnet for Indian retrofit MHD generation 25330
Rajaram, R., Sreekumar, A.N. Expert system applications in DDC for thermal power plants 16623
Rajaraman, R., Wong, D.F. Optimal clustering for delay minimization 19958
Rajaraman, R. *see* Mukherji, S. 16941
Rajaravivarma, V., Rajan, P.K., Reddy, H.C. Design of multidimensional FIR digital filters using the symmetrical decomposition technique 34178
Rajarshi, M.B. *see* Naik-Nimbalkar, U.V. 45127
Rajasekar, S. Controlling of chaos by weak periodic perturbations in Duffing-van der Pol oscillator 33925
Rajasekaran, S. *see* Cogolludo, J.C. 45272
Rajasekaran, S. *see* Palis, M.A. 30180
Rajasekharaiah, S., Chandrasekharaiah, H.S. Fast transient voltage distribution in HVDC converter valves 8603
Rajavel, D. *see* Zinck, J.J. 41384
Rajbenbach, H. *see* Breugnot, S. 21012
Rajcani, P. *see* Culik, K., II 4844
Raje, S. *see* Cho, J.D. 19201
Rajendra Kumar, S. *see* Barua, K. 23547
Rajendran, A., Sylvia, J.I., Swaminathan, K. Development of a remote data acquisition and graphic display system for the sodium rigs 14902
Rajendran, S. Direct Indialing Special Facilities Equipment (DISFE) 5626
Rajendran, S., Holmes, K., Menna, A. Three-dimensional magnetic induction model of an

octagonal edge-defined film-fed growth system 41396
Rajendran, S. *see* Bhihe, C.K. 41397
Rajendran, T.S., Manjunatha, S.K. Experience of computer based systems at MAPS 8076
Rajendran, V., Koike, M., Hashimoto, K.-y., Yamaguchi, M. Mass density sensor for liquids using ZnO-film/Al-foil Lamb wave device 6482
Rajeswari, M., Saravanan, K., Krishnasamy, P. A prototype model for automatic IC bonding inspection 432
Rajeswari, M. *see* Harshavardhan, K.S. 20170
Rajeswari, M. *see* Harshavardhan, K.S. 43340
Rajeswari, P. Wide area networks 22526
Rajic, Z., Schenner, R., Mihalek, E., Wagmann, L. Program package for techno-economical analysis of mid-voltage distribution networks 24906
Rajkumar, K.C. *see* Hu, K. 3201
Rajopadhyaya, D.K., May, P.T., Vincent, R.A. A general approach to the retrieval of raindrop size distributions from wind profiler Doppler spectra: modeling results 39380
Rajput, S.A. *see* Peile, R.E. 22975
Rajroop, P.J. *see* Lai, L.L. 16291
Rajski, J., Tyszer, J. Recursive pseudoexhaustive test pattern generation 26789
Rajski, J. *see* Cox, H. 41850
Rajski, J. *see* Hellebrand, S. 1159
Rajsuman, R. Algorithms to test PSF and coupling faults in random access memories 10159
Rajsuman, R. *see* Hwang, S. 41824
Raju, B.Bangar *see* Bangar Raju, B.
Raju, G.R.Govinda *see* Govinda Raju, G.R.
Raju, G.S.N., Gottumukkala, K.R., Malleswara Rao, V. Some investigations on the penetration of electromagnetic waves in dielectrics 12715
Raju, K.B. *see* Karthikeyan, S. 16716
Raju, K.V.M.Deva *see* Deva Raju, K.V.M.
Raju, P.K., Patel, J.R., Vaidya, U.K. Characterization of defects in graphite fiber based composite structures using the acoustic impact technique (AIT) 903
Raju, P.S.V.S.K. *see* Venkateswarlu, N.B. 29972
Raju, R.S. *see* Kumar, L. 30908
Raju, S. *see* Rao, K.S. 32064
Raju, V.V. *see* Kumar, D.V. 7746
Rak Kim Heung *see* Heung Rak Kim
Rak Kim Sung *see* Sung Rak Kim
Rakhimov, R.Kh. *see* Chabdarov, Sh.M. 36900
Rakhimov, R.Kh. *see* Chabdarov, Sh.M. 36901
Rakhimov, R.Kh. *see* Chabdarov, Sh.M. 36902
Rakhimov, R.Kh. *see* Chabdarov, Sh.M. 38003
Rakhley, S.Y. *see* Malyshev, S.A. 28676
Rakhley, S.Yu. *see* Zalessky, V.B. 6498
Rakhmanov, A.L. *see* Pukhov, A.A. 35262
Rakhmatov, V.E. *see* Lapitsky, S.N. 7103
Rakhmatova, V.B. *see* Lapshin, V.G. 31686
Rakho, K. *see* Ma, J. 13898
Rakitina, N.I. *see* Sidorkin, V.T. 25821
Rakityansky, V.A. *see* Lukin, K.A. 27435
Rakkhit, R., Heiler, F.P., Fang, P., Sander, C. Process induced oxide damage and its implications to device reliability of submicron transistors 42946
Rakkhit, R. *see* Lin, M.-R. 42694
Rakov, I.A. *see* Zharov, A.N. 26931
Rakov, V.A. *see* Villanueva, Y. 36289
Rakova, I.K. *see* Ivanov, Yu.V. 46042
Rakovsky, V.Yu. *see* Ivanov, O.G. 3262
Rakovszky, G. *see* Bojtor, L. 16489
Rakovszky, G. *see* Nagy, B. 16803
Rakowska, A. Service experience with PE and XLPE insulated power cables 16347
Rakowski, R.T. *see* Mardapittas, A.S. 47293
Rakowsky, G. *see* Cover, R.A. 20929
Rakowsky, G. *see* Lampel, M.C. 29075
Rakshit, A. *see* Gangopadhyay, T.K. 38527
Ralchenko, M.I. *see* Sergeyenko, N.M. 25753
Raldugin, A.N. *see* Kozlov, L.V. 18338
Raleigh, C. *see* Becher, C. 384
Raleigh, C.J., Scheifers, S.M. Cleanliness requirements for flip-chip-on board assembly 34430
Ralescu, A. *see* Miyajima, K. 5063
Ralha, R.M.S. Parallel one-sided Householder transformations for eigenvalues computation 41156
Rall, B., Sammet, W. Electromagnetic compatibility of the CAN data bus for motor vehicles 17583
Rall, D.F. *see* Gunther, G. 522
Rall, M. *see* Rathmann, F. 6941
Rallison, R.D., Schicker, S.R. Using thick DCG, 30 TO 100 microns 36054
Rallison, R.D. *see* Phillips, N.J. 36055
Ralls, M.A. *see* Zimmer, M.J. 7850
Ralpała, J., Kolvo, H.N. Self-generating radial base network in fault diagnosis 9358
Ralph, J. *see* Prance, H. 20205
Ralph, J.F. *see* Diggins, J. 46397
Ralph, S.E. *see* Tong, F. 11899
Ralston, J.D., Weisser, S., Esquivias, I., Larkins, E.C., Rosenzweig, J., Tasker, P.J., Fleissner, J. Control of differential gain, nonlinear gain and damping factor for high-speed application of GaAs-based MQW lasers 12149
Ralston, J.D., Weisser, S., Esquivias, I., Schonfelder, A., Larkins, E.C., Rosenzweig, J., Tasker, P.J., Maier, M., Fleissner, J. p-dopant incorporation and influence on gain and damping behaviour in high-speed GaAs-based strained MQW lasers 12243
Ralston, J.D. *see* Bender, G. 10691
Ralston, J.D. *see* Schneider, H. 6484
Ralston, J.D. *see* Schofelder, A. 3606
Ralston, J.D. *see* Stohr, A. 28509
Ralston, J.D. *see* Wagner, J. 9646
Ralston, P.A.S. *see* Bender, S.K. 39979
Ralston, W.T., Weitzen, J.A., Ostergaard, J.C. Distribution of underdense meteor trail durations and duty cycle and applications to meteor scatter communication system design 5860
Ram, K.S. *see* Chakrabarti, D. 32596
Ram, K.Sri *see* Sri Ram, K.
Ram, M. An introduction to OCB 238 System 37679
Ram, R.J. *see* Babic, D.I. 44012
Ram, R.J. *see* Dudley, J.J. 28819
Ram, R.J. *see* Dudley, J.J. 43830
Ram Mohan, N. *see* Datta, A.B. 25816
Ram Nath *see* Kumar, R. 2025
Ram-Mohan, L.R. *see* Hoffman, C.A. 42516
Rama Krishna, G.Hari *see* Hari Rama Krishna, G.
Rama Krishna Rao, M. Stabilized power supplies AC input and AC output 47998
Rama Mohan, C., Chakrabarti, P.P. A new approach to synthesis of PLA-based FSM's 41840
Rama Rao, J. *see* Mukherjee, S. 46881
Rama Rao, K.Siva *see* Siva Rama Rao, K.
Rama Sarma, B.A.G.S. 099 access to I-NET 37629
Ramabadran, T. *see* Bhukhanwala, S. 22097
Ramabadran, T.V. *see* Bhukhanwala, S.A. 36982
Ramabadran, U.B., Jackson, H.W., Boyd, J.T. Raman investigation of the nonlinear optical phenomenon of polarization rotation in $Ti:LiNbO_3$ channel waveguides 3806
Ramachandran, A., Long, T., Rodriguez, F. Evaluation of a new zirconium-containing negative working single layer resist with enhanced oxygen and fluorocarbon reactive-ion etch resistance 11084
Ramachandran, C., Kurdahi, F.J., Gajski, D.D., Wu, A.C.-H., Chaiyakul, V. Accurate layout area and delay modeling for system level design 26870
Ramachandran, C. *see* Hagen, L. 26894
Ramachandran, C. *see* Jha, P.K. 41783
Ramachandran, C. *see* Kurdahi, F.J. 19965
Ramachandran, D. *see* Berbari, E.J. 39047
Ramachandran, G., Leith, D., Todd, L. Extraction of spatial aerosol distributions from multispectral light extinction measurements with computed tomography 30124
Ramachandran, G. *see* Viswanathan, G. 7587
Ramachandran, R.P., Sunder, S. A unified and efficient least-squares design of linear-phase nonrecursive filters 44835
Ramachandran, R.P. *see* Kleijn, W.B. 36609
Ramachandran, R.P. *see* Sunder, S. 10307
Ramachandran, V., Ahmadi, M., Gargour, C.S. Explicit formulas for the evaluation of the product $P(z_1, z_2, \ldots, z_n) \times P(z_1^{-1}, z_2^{-1}, \ldots, z_n^{-1})$ 13301
Ramachandran, V. *see* Fallah, S. 18870
Ramachandran, V. *see* Sunder, S. 34174
Ramadan, A.A., Gould, R.D., Ashour, A. On the Van der Pauw method of resistivity measurements 38645
Ramadhani, I. *see* Mickens, R.E. 18098
Ramaiah, M., Shinde, D.B., Ananda Rao, P. Supervisory control and data acquisition system for electrical system and switchyard of NPP 16503
Ramaiyer, V. *see* Berman, P. 26318
Ramakrishna Rao, B. *see* Arunachalam, S.A. 25301
Ramakrishna Rao, P. *see* Rajagopal, R. 14726
Ramakrishnan, K.R. *see* Hiriyannaiah, H.P. 36970
Ramakrishnan, P.A., Sampath, S., Subba Rao, G.V. Photoelectrochemical studies on the mixed oxide bronze $Ba_3Nb_4Ti_4O_{21}$ 11818
Ramakrishnan, S. *see* Bhattacharya, B.K. 16531
Ramakrishnan, S. *see* Madhu Rao, B. 30402
Ramakrishnan, V.R. *see* Vijayan, P. 25348
Ramalakshmi, V. *see* Reddy, P.K. 27175
Ramalingam, C.S. *see* Kumaresan, R. 21706
Ramalingam, K. *see* Indulkar, C.S. 32176
Ramalingam, S. *see* Zheng, L. 6450
Ramalinsam, A. *see* Santhanakrishnan, T. 23590
Ramam, A., Chua, S.J. Distribution of photoresist over GaAs mesa structures 34866
Ramamonjiarisoa, A. *see* Branger, H. 36197
Ramamoorthy, C.V., Vij, V. CM-SIM: a parallel circuit simulator on a distributed memory multiprocessor 41578
Ramamoorty, M. *see* Nandakumar, V.N. 8338
Ramamoorty, M. *see* Ravi, K.N. 39631
Ramamritham, K. *see* Sivasankaran, R.M. 5619
Ramamurthi, B. *see* Jhunjhunwala, A. 22634
Ramamurthy, B.S., Trahey, G.E. Physical factors affecting the performance of two-dimensional vector flow imaging 16084
Ramamurthy, G., Daruwala, R.D. A new asynchronous protocol for microcomputer communication 30441
Ramamurthy, H. *see* Beasley, J. 11275
Ramamurthy, H. *see* Dixit, P.C. 8074
Ramamurthy, H. *see* Subramaniam, K. 16538
Ramamurthy, S. *see* Atrens, A. 18368
Ramamurthy, S. *see* Jeyakumar, R. 41402
Ramamurthy Acharya, B., Krishnan, R., Prasad, S., Venkataramani, N., Ajan, A., Shringi, S.N. Sputter deposited strontium ferrite films with c-axis oriented normal to the film plane 41430
Ramamurti, R. *see* Maracas, G.N. 746
Ramamurti, R. *see* Maracas, G.N. 33602
Ramamurti, V. *see* Rao, S.S. 4641
Raman, K.Anantha *see* Anantha Raman, K.
Raman, N. *see* Zhang, Y. 786
Raman, N.Sundara *see* Sundara Raman, N.
Raman, S. *see* Alliss, R.J. 24499
Ramana, D.V. *see* Sambasiva Rao, V. 30688
Ramana, P.Venkata *see* Venkata Ramana, P.
Ramana Murty, M.V., Atwater, H.A. Crystal-state-amorphous-state transition in low-temperature silicon homoepitaxy 41379
Ramana Rao, G.V. Detection of word boundaries in continuous Hindi speech using pitch and duration 13066
Ramana Rao, M.V. *see* Chandra Mouly, M.C. 47111
Ramanan, A.V., Jordan, H.F., Sauer, J.R. Space-time switching in fiber optic packet-switched networks 30773
Ramanarayanan, V. *see* Chatterjee, K. 8516
Ramanarayanan, V. *see* Chatterjee, K. 8987
Ramanathan, C. *see* Hasegawa, B.H. 15761
Ramanathan, J., Topiwala, P. Time-frequency localization operators 13324
Ramanathan, P., Saluja, K.K., Franklin, M. Testing check bits at no cost in RAMs with on-chip ECC 14871
Ramanathan, S., Rangan, P.V. Continuous media synchronization in distributed multimedia systems 5333
Ramanathan, S. *see* Lloyd, E.L. 30611
Ramanathan, S.M. *see* Swaroop, A. 16704
Ramani, K. *see* Venkatesh, Y.V. 4932
Ramani, K.R. *see* Ehsani, M. 40134
Ramano-Rodriguez, A. *see* Perez-Rodriguez, A. 10866
Ramanujam, P.S., Lindvold, L.R. Dark spatial solitons in bacteriorhodopsin thin films 21020
Ramanujam, P.S. *see* Lindvold, L.R. 12463
Ramanujam, R. *see* Sreerama, K.R. 32261
Ramanujan, S., Winful, H.G., Felisky, M., DeFreez, R.K., Botez, D., Jansen, M., Wisseman, P. Temporal behavior of resonant-optical-waveguide phase-locked diode laser arrays 35767
Ramaraj, N. A direct method to evolve the equivalent cost functions of plants with multiple generating units [power stations] 25096
Ramaraj, N. A direct method for evolving minimum emission dispatch of electric power systems including transmission losses 39518
Ramasamy, P. *see* Balakrishnan, K. 33590
Ramasamy, P. *see* Santhana Raghavan, P. 26435
Ramasamy, P. *see* Santhanaraghavan, P. 33587
Ramasesha, S.K. Thermoelectric power of $YBa_2Cu_3O_{7-x}$ and $YBa_2Cu_4O_8$ under pressure 20174
Ramasubramanian, N. *see* Urbanic, V.F. 8080
Ramaswami, R., Liu, K. Analysis of effective power budget in optical bus and star networks using erbium-doped fiber amplifiers 45943
Ramaswami, R. *see* Green, P.E., Jr. 5560
Ramaswami, R. *see* Janniello, F.J. 5561
Ramaswami, R. *see* Lee, H.S. 46610
Ramaswami, S. A fresh insight into film morphology measurement techniques for advanced ULSI manufacturing 34838
Ramaswami, S., Iacoponi, J., Cheung, R. Influence of rapid thermal processing conditions on the characteristics of sputter deposited titanium nitride thin films 2246
Ramaswami, S. *see* Anderson, S.G.H. 19666
Ramaswami, S. *see* Singh, B. 2296
Ramaswamy, G.N. Adaptive classification of interfering signals in a shared radio frequency environment 36250
Ramaswamy, M., Gouveia-Neto, A.S., Negus, D.K., Izatt, J.A., Fujimoto, J.G. 2.3-ps pulses from a Kerr-lens mode-locked lamp-pumped Nd:YLF laser with a microdot mirror 12079
Ramaswamy, M., Ulman, M., Paye, J., Fujimoto, J.G. Cavity-dumped femtosecond Kerr-lens mode-locked $Ti:Al_2O_3$ laser 12078
Ramaswamy, M. *see* Adams, L.E. 20805
Ramaswamy, P., Edwards, R.M., Lee, K.Y. An automatic tuning method of a fuzzy logic controller for nuclear reactors 16512
Ramaswamy, P., Edwards, R.M., Lee, K.Y. Fuzzy logic controller for nuclear power plant 16514
Ramaswamy, R.V. *see* Fujiwara, T. 20376
Ramaswamy, R.V. *see* Hyoun Soo Kim 20372
Ramaswamy, R.V. *see* Sang-Kook Han 3107
Ramaswamy, S., Tang, T. Comparison of semiconductor transport models using a Monte Carlo consistency test 34890
Ramaswamy, S. *see* Megalemos, C. 26716
Ramayya, A.V. *see* Cormier, T.M. 24114
Ramayya, A.V. *see* Cormier, T.M. 24116
Ramayya, A.V. *see* Davids, C.N. 24115
Ramazza, P.L. *see* Pampaloni, E. 35508
Ramazza, P.L. *see* Residori, S. 3821

Rambabu, B. *see* Chittipeddi, S. 2120
Rambabu, B. *see* Chittipeddi, S. 2254
Ramberg, E.J. *see* Woody, C.L. 7253
Rambo, P.W., Denavit, J. Time stability of Monte Carlo device simulation 28064
Rambo, P.W., Denavit, J. Monte Carlo modeling of solid-state photoswitches 28639
Ramchandran, A., Alexander, G.C. Frequency-domain parameter estimation for the brushless doubly-fed machine 16766
Ramchandran, K., Ortega, A., Vetterli, M. Efficient quantization for a multiresolution HDTV source coder 31022
Ramchandran, K. *see* Herley, C. 13303
Ramchandran, K. *see* Herley, C. 44969
Ramchandran, K. *see* Ortega, A. 37024
Ramchandran, K. *see* Ortega, A. 38212
Ramdane, A. *see* Devaux, F. 35619
Ramdani, J. *see* Look, D.C. 1839
Ramdas, A.K. *see* Grillo, D.C. 28811
Ramella, G. *see* Arcelli, C. 4826
Ramer, A. Information in fuzzy and Dempster-Shafer theories 4359
Ramesh, B.V. *see* Revankar, U.K. 30917
Ramesh, K.S. *see* Choudhury, P.K. 36324
Ramesh, R., Chan, W.K., Gilchrist, H., Wilkens, B., Sands, T., Tarascon, J.M., Keramidas, V.G., Evans, J.T., Jr., Gealy, F.D., Fork, D.K. Oxide ferroelectric/cuprate superconductor heterostructures: growth and properties 11372
Ramesh, R., Dutta, B., Ravi, T.S., Lee, J., Sands, T., Keramidas, V.G. Scaling of ferroelectric properties in La-Sr-Co-O/Pb-La-Zr-Ti-O/La-Sr-Co-O capacitors 43226
Ramesh, R., Gilchrist, H., Sands, T., Keramidas, V.G., Haakenaasen, R., Fork, D.K. Ferroelectric La-Sr-Co-O/Pb-Zr-Ti-O/La-Sr-Co-O heterostructures on silicon via template growth 35136
Ramesh, R., Sands, T., Keramidas, V.G. Template approaches to growth of oriented oxide heterostructures on SiO_2/Si 33693
Ramesh, R., Sands, T., Keramidas, V.G., Fork, D.K. Epitaxial ferroelectric thin films for memory applications 28307
Ramesh, R., Sands, T., Keramidas, V.G., Fork, D.K. Ferroelectric La-Sr-Co-O/Pb-Zr-Ti-O/La-Sr-Co-O heterostructures on silicon: reliability testing 28337
Ramesh, V. *see* Arunachalam, S.A. 25323
Ramesh, V.C. *see* Talukdar, S. 24767
Ramesh, V.C. *see* Talukdar, S. 32352
Ramesham, R. Selective growth of polycrystalline diamond thin films 41448
Ramesham, R., Ellis, C. Selective nucleation of diamond crystals on the apex of silicon pyramids 862
Ramey, D. *see* McKinney, D. 41920
Ramey, J. *see* Redish, J. 160
Ramfrez, J.A. *see* Kubiak, J.A. 32530
Ramgopal, K.R. Reliability and quality assurance of space systems 32022
Ramgopal Rao, V. *see* Arthi, N. 24268
Rami, F. *see* Maazouzi, C. 31746
Ramiarinjaona, C. *see* Andriamifidy, J.L. 8341
Ramirez, C.J. *see* Fauser, S.N. 1711
Ramirez, G. *see* Gomez, C.M. 44155
Ramirez-Angulo, J. A BiCMOS push-pull current buffer-rectifier 18463
Ramirez-Angulo, J., DeYong, M., Ming-Sheng, S. CMOS cells for analog VLSI Laplace equation solver based on the resistive analogy method 10367
Ramirez-Angulo, J., Ming-Shen, S. The folded Gilbert cell: a low voltage high performance CMOS multiplier 10119
Ramirez-Angulo, J., Paz, R., Parra, R. Modules for a digitally controlled analog VLSI processor with highly reconfigurable architecture 10361
Ramirez-Angulo, J. *see* Ali, M.I. 10283
Ramirez-Angulo, J. *see* Beasley, J. 11275
Ramirez-Angulo, J. *see* DeYong, M. 18502
Ramirez-Bon, R., Espinoza-Beltran, F.J., Sanchez-Sinencio, F., Zelaya, O., Gonzalez de la Cruz, G. Transient photocurrents in CdTe and CdTe:O sputtered films 3309
Ramirez-Chavez, S.R. *see* Wu, Q. 10133
Ramirez-Chavez, S.R. *see* Wu, Q. 18650
Ramirez-Cortes, J.M. *see* Baez-Lopez, D.J.M. 10258
Ramirez-Rosado, I.J., Adams, R.N. Optimal design of electric energy distribution systems: multiobjective mathematical modelling 16302
Ramkumar, B., Banerjee, P. A portable parallel algorithm for VLSI circuit extraction 26620
Ramkumar, B., Banerjee, P. Portable parallel test generation for sequential circuits 26864
Ramkumar, B. *see* De, K. 26876
Ramm, J., Beck, E., Dommann, A., Eisele, I., Kruger, D., Lippert, G. Dry cleaning of silicon wafers in a low energy hydrogen plasma 19545
Ramm, J., Beck, E., Eisele, I., Hansch, W., Klepser, B.-U., Senn, H. Dry hydrogen plasma cleaning for local epitaxial growth 34704
Ramm, J. *see* Lippert, G. 33619
Ramm, O.T.von *see* von Ramm, O.T.
Ramm, P. *see* Froschie, B. 28142
Ramm, P. *see* Froschle, B. 2173
Rammo, F. *see* Mansour, R.R. 1483
Rammohan, K. *see* Rich, D.H. 34559
Ramohalli, G. The Honeywell on-board diagnostic and maintenance system for the Boeing 777 39221
Ramon, A., Heiblum, M., Shtrikman, H. Fabrication and characterization of mesoscopic wires in GaAs 19564
Ramos, A., Minciotti, R.L., Hampsch, T., Allison, G., Hare, E.W., Opiekun, J.W. Design and validation of the ITALSAT AOCS flight simulator 7519
Ramos, A. *see* Kubina, S.J. 44198
Ramos, F.M.S., Pereira, A.S. ISDN-based telemedicine multimedia applications 37563
Ramos, J. A subspace algorithm for identifying 2-D separable in denominator filters 36778
Ramos, J., Ivanov, Z.G., Olsson, E., Claeson, T. YBaCuO Josephson weak links based on shallow ion beam etched steps in MgO substrates 35284
Ramos, J., Ivanov, Z.G., Olsson, E., Zarembinski, S., Claeson, T. $YBa_2Cu_3O_{7-\delta}$ Josephson junctions on directionally ion beam etched MgO substrates 11534
Ramos, J., Seitz, M., Daalmans, G.M., Uhl, D., Ivanov, Z., Claeson, T. Noise properties of single-layer YBaCuO step-edge DC SQUID's on MgO substrates 28410
Ramos, J.I. *see* Molina-Fernandez, I. 4174
Ramos, J.L.Martinez *see* Martinez Ramos, J.L.
Ramos, L.A.G. The evolution of telematics and electronic message carrying 22427
Ramos, R.E., Sorensen, S.A., Aghvami, A.H. Modelling of a point-to-multipoint (P-MP) fixed cellular millimetric ration system 5824
Ramos, R.E., Sorensen, S.A., Aghvami, A.H. Design of an urban point-to-multipoint millimetric radio system with a two level hierarchy 14428
Ramos, R.T., Gallion, P., Erasme, D., Seeds, A.J., Bordonalli, A. Optical injection locking and phase-lock loop combined systems 20910
Ramos, R.T., Seeds, A.J. Comparison between first-order and second-order optical phase-lock loops 36447
Ramos N., G., Campillo R., M.T., Naito, K. A study on the characteristics of various conductive contaminants accumulated on high voltage insulators 32452
Ramos-Fernandez, A. *see* Riera-Franco de Sarabia, E. 24538
Ramot, M. *see* Hadim, A. 26190
Rampazzo, M. *see* Giorgetti, A. 48315
Rampini, A. An integrated GIS for the study of alpine glaciers 16004
Rampone, S. *see* Esposito, A. 4437
Rampone, S. *see* Esposito, A. 4496
Rampone, S. *see* Esposito, A. 44675
Ramponi, G., Fontanot, P. Enhancing document images with a quadratic filter 13540
Ramponi, G. *see* Carrato, S. 5032
Ramponi, G. *see* Russo, F. 22203
Ramponi, G. *see* Simonetti, R. 6229
Ramponi, G. *see* Simonetti, R. 31025
Ramponi, S. The electric motorboat: contribution to the improvement of Venice environment 48233
Ramponi, S. The electric motor boat: contribution to the improvement of Venice environment 48411
Rampp, F. *see* Busch, M. 39917
Rampton, M. *see* Argast, J. 36816
Ramraj, N. A direct method of short term economic dispatch of power system with a fuel restricted plant 39519
Ramrekha, A.B. *see* Eranna, G. 42776
Ramsay, A.C.A., Sbresny, H. Some studies of an error estimator based on a patch recovery scheme. I. The patch recovery scheme 41211
Ramsay, B., Hirose, T., Manore, M., Falkingham, J., Gale, R., Barber, D., Shokr, M., Danielowicz, B., Gorman, B., Livingstone, C. Potential of RADARSAT for sea ice applications 32104
Ramsay, B. *see* Whitman, J.W.E. 32105
Ramsay, F.R. ASIC packaging directions 17925
Ramsay-Connell, I.K. Project definition—mobilising a project 40886
Ramsdale, M.L. *see* Young, K.C. 15791
Ramsdale, M.L. *see* Young, K.C. 15792
Ramsdale, P.A., Harrold, W.B. Techniques for cellular networks incorporating microcells 37776
Ramsdell, J.V., Lee, J.Y. Atmospheric diffusion model for control room habitability assessments 32562
Ramsden, D. *see* Bird, A.J. 7302
Ramsden, D. *see* He, Z. 7235
Ramsden, D. *see* He, Z. 7240
Ramsden, D. *see* He, Z. 7279
Ramsden, D. *see* He, Z. 15752
Ramsden, J.J. Sensitivity enhancement of integrated optic sensors using Langmuir-Blodgett lipid films 6603
Ramsden, S.A. *see* Cairns, G. 35648
Ramsden, V.S., Hunter, G.P., Zhang, J. Performance and simulation of a single-phase-to-2-phase cycloconvertor motor drive 8820
Ramsden, V.S. *see* Jian Guo Zhu 40110
Ramsden, V.S. *see* Zhang, J. 8855
Ramseier, S., Ephremides, A. A protocol for satellite access via use of spot-beams 37941
Ramsey, J., Ricketts, T. Risk & managed network services 37322
Ramsey, K.A. *see* Mendez, A. 6541
Ramsey, N.W. The influence of manufacture on post-irradiation thermally stimulated conductivity in polyethylene 35166
Ramsey, W.D. *see* Levy, C.D.P. 31637
Ramseyer, G.O. *see* Davis, A. 9592
Ramshaw, R. *see* Fernandopulle, N. 8321
Ramstad, T.A. *see* Aase, S.O. 13778
Ramstad, T.A. *see* Bever, M. 13561
Ramstad, T.A. *see* Oien, G.E. 22193
Ramsteiner, M., Wagner, J., Jungk, G., Behr, D., Daweritz, L., Hey, R. Raman scattering investigation on the ordered incorporation of Si dopant atoms on GaAs(001) vicinal surfaces during MBE growth 41348
Ramsteiner, M. *see* Wagner, J. 42628
Ramu, T.S. Certain aspects of breakdown in mineral oils used in UHV transformers under transient voltages 16931
Ramu, T.S. *see* Srinivas, M.B. 40081
Ran, L. *see* Campbell, J.B. 22075
Ran, M. *see* Mattsson, S. 14450
Ran, S., Millar, J.B. Phonetic feature extraction using artificial neural networks 4546
Ran Xiaonong *see* Xiaonong Ran
Rana, D., Webster, A.R., Sylvain, M. Origin of multipath fading on a terrestrial microwave link 36195
Rana, S. *see* Sodha, M.S. 8244
Rana, V.S. Stochastic analysis of computer based communication network systems 14202
Ranade, R.M., Ang, S.S., Brown, W.D. Reactive ion etching of thin gold films 19558
Ranade, S.J., Kanetkar, J.S., Uraguchi, M., Tan, P. A practical line-overload expert system 32230
Ranade, S.J. *see* Gray, W.W. 32481
Ranai, K. *see* Koon Seng Lim 22359
Ranai, K. *see* Koon Seng Lim 37138
Ranalli, E., Lee, H.P. A tapped delay line optical spectrum analyzer 23478
Ranalli, E.R. *see* Sonek, G.J. 35545
Ranaweera, D.K., Karady, G. Power system static security analysis using radial basis function neural network 24655
Ranaweera, D.K., Karady, G.G. Expert system for energization of lightly loaded transmission lines 16211
Ranby, B. *see* Jonsson, J. 43191
Ranchin, T., Cauneau, F. Speckle reduction in synthetic aperture radar imagery using wavelets 22124
Ranchin, T., Wald, L., Mangolini, M. Efficient data fusion using wavelet transform: the case of SPOT satellite images 22110
Rancoita, P.G. *see* Borchi, E. 7251
Rand, D.A.J. *see* Lam, L.T. 40415
Rand, D.A.J. *see* Lam, L.T. 40427
Rand, D.A.J. *see* Manders, J.E. 40416
Rand, D.A.J. *see* Nelson, R.F. 48416
Rand, J.A. *see* Barnett, A.M. 25688
Rand, J.A. *see* Barnett, A.M. 48125
Rand, S.C. *see* Xie, P. 12071
Randaccio, P. *see* Alfano, B. 15724
Randaccio, P. *see* Bandettini, A. 15723
Randaccio, P. *see* Bencivelli, W. 31729
Randall, B. Video compression heralds the digital era 23285
Randall, B., Schwab, D., Donham, B., Tuckerman, D., Benson, D., Hsu, R., Brathwaite, N., Enquist, S., Carr, K., Wendel, S., Seawright, K., Goodwin, P., Gilbert, B. GaAs digital MCM in Si/Cu/SiO_2 technology for clock rates up to 1 GHz 391
Randall, B.E. *see* Miri, S.M. 16912
Randall, C.J. *see* Kostek, S. 32076
Randall, J. *see* Frazier, G. 33944
Randall, J.N. *see* Moise, T.S. 19795
Randall, J.N. *see* Seabaugh, A.C. 1137
Randall, J.N. *see* Seabaugh, A.C. 11290
Randall, T. *see* Babiak, R. 16496
Randall, T.D., Yannacopoulos, S., Guo, L., Saravanos, C. Torsion effects on fracture characteristics of optical fiber 2995
Randall, W.H. The Clean Air Act Amendments of 1990: options and strategies for complying with Phase II 8130
Randazzo, E. *see* Campanella, M. 21502
Randazzo, T. *see* Rosendale, G. 26950
Randen, K. *see* Mills, R.J. 16583
Randen, T., Husoy, J.H. Novel approaches to multichannel filtering for image texture segmentation 30055
Randen, T. *see* Husoy, J.H. 22096
Randeu, W.L. *see* Witternigg, N. 4097
Randig, G.W. A simple method to determine airborne radar detection performance in clutter 23191
Randle, V. *see* Sanchez, J.E., Jr. 2208
Randles, M. *see* Rosenblatt, G.H. 3481
Randles, M. *see* Ross, W.E. 28533
Randles, M.H. *see* Quarles, G.J. 18127
Rando, N., Peacock, A., Perryman, M.A.C., Hubner, P., van Dordrecht, A., Videler, P., Lumley, J. UV to IR photon detection using superconducting tunnel junctions 23602
Rando, N. *see* Foden, C.L. 20211
Rando, N. *see* Videler, P. 20194

Randolph, M. *see* Hoang, L. 18712
Randone, G. *see* Sacchi, G. 43800
Randoshkin, V.V., Logunov, M.V. Dynamics of visualization of a magnetic recording 35229
Rands Jensen, P.M., Hermansen, K. Application of SVD to AR spectral estimation 13158
Ranellone, R.F. *see* Picologlou, B.F. 25906
Raney, C.W. An analog macromodel of the SG1525A PWM for use with SPICE 2G.6 simulators 18464
Raney, R.K. *see* Denyer, N. 32056
Ranfagni, A., Fabeni, P., Pazzi, G.P., Mugnai, D. Anomalous pulse delay in microwave propagation: a plausible connection to the tunneling time 4115
Rangachari, P.J. Condition monitoring of diesel engines using system identification techniques 14900
Rangan, P.V. *see* Ramanathan, S. 5333
Rangan, P.V. *see* Vin, H.M. 14170
Rangan, P.Venkat *see* Venkat Rangan, P.
Rangan, S., Leung, B. Quantization noise spectrum of double-loop sigma-delta converter with sinusoidal input 42013
Rangan, S. *see* Kumar, G.S. 30213
Ranganath, J. *see* Tylavsky, D.J. 16131
Ranganath, S. Analysis of the effects of snake parameters on contour extraction 13690
Ranganathan, D. Crystal violet doped gelatin. A strongly bistable material at 803 nm 21081
Ranganathan, N. *see* Kovac, M. 41951
Ranganathan, N. *see* Sastry, R. 34099
Ranganathan, V.T. *see* Pandit, S. 40182
Ranganthan, V.T. *see* Gopakumar, K. 25449
Rangarajan, A. *see* Gindi, G. 39025
Rangarajan, A. *see* Lee, M. 39012
Rangarajan, G., Sessler, A.M. Sensitivity studies of a standing-wave free-electron laser 6874
Rangarajan, K., Seethalakshmy, Majumdar, J. Computation and use of planar face normals 13735
Rangarajan, S., Fussell, D., Malek, M. Pipelined diagnosis of wafer-scale linear arrays 26842
Rangaswamy, M., Weiner, D.D., Michels, J.H. Multichannel detection for correlated non-Gaussian random processes based on innovations 4750
Rangayyan, R.M. *see* Zhang, Y.T. 15699
Range, K.-J. *see* Fabry, L. 42603
Rangel, M.G.Fromow *see* Fromow Rangel, M.G.
Rangelow, I.W. Simulation of plasma etching and deposition processes for the microsystem-technology 10938
Rangelow, I.W. Sharp silicon tips for AFM and field emission 27759
Rangelow, I.W., Hudek, P., Kostic, I., Borkowicz, Z., Stangl, G. Submicro- and nanometer e-beam lithography and reactive ion etching with single layer chemically amplified negative resist 28038
Rangelow, I.W., Skocki, S., Dumania, P. Plasma etching for micromechanical sensor applications 27758
Rangelow, I.W. *see* Yunkin, V.A. 27757
Rangjiao Liu *see* Huaming Jiang 35273
Rangoussi, M., Delopoulos, A., Tsatsanis, M. On the use of higher-order statistics for robust endpoint detection of speech 4538
Ranieri, A. *see* Abbrescia, M. 7270
Ranjan, R., Kalkstein, E.W. Design, development and application of smart fuses—part 1 39673
Ranjan, R.K., Pai, M.A., Sauer, P.W. Analytical formulation of small signal stability analysis of power systems with nonlinear load models 39478
Ranjithan, S. *see* Michielssen, E. 19012
Rank, C. *see* Kleinschmidt, P. 22259
Ranka, S. *see* Anand, R. 13642
Ranka, S. *see* Chen, T. 13899
Ranka, S. *see* Krishnaswamy, D. 29860
Ranka, S. *see* Shankar, R.V. 4821
Rankin, G. *see* Aronson, L.B. 3241
Rankin, G.A. *see* Tirkel, A.Z. 45857
Rankin, G.W. *see* Kurada, S. 44184
Ranmuthu, I.W., Ranmuthu, K.T.M., Eray, M., Comstock, C.S., Hassoun, M. Magneto-resistive elements—an alternative to floating gate technology 10123
Ranmuthu, I.W., Ranmuthu, K.T.M., Kohl, C., Comstock, C.S., Hassoun, M. A CMOS process compatible high density magnetoresistive memory 11506
Ranmuthu, K.T.M., Pohm, A.V., Daughton, J.M., Comstock, C.S. New low current memory modes with giant magneto-resistance materials 43295
Ranmuthu, K.T.M. *see* Ranmuthu, I.W. 10123
Ranmuthu, K.T.M. *see* Ranmuthu, I.W. 11506
Ranney, T.A., Simmons, L.A.S. The effects of age and target location uncertainty on decision making in a simulated driving task 15143
Ranon, P.M. *see* Steier, W.H. 43481
Ranon, P.M. *see* Xu, C. 44070
Ranson, D.S. Navigating between computer displays in power plants 39755
Ranta-Aho, T. *see* Kattelus, H. 9671
Rantala, S., Suoranta, R. Exploiting multivariate autoregressive model in the separation of sources 13247
Rantala, T.S., Pirttiaho, L., Lantto, V. Simulation studies of non-ohmic conductance behaviour in SnO_2 thick-film gas sensors 6630
Ranucci, G., Giugni, D., Manno, I., Preda, A., Ullucci, P., Golubchikov, A., Smirnov, O. Characterization and magnetic shielding of the large cathode area PMTs used for the light detection system of the prototype of the solar neutrino experiment Borexino 24062
Ranville, S. *see* Jenkins, J.M. 24305
Ranville, S. *see* Silka, M.J. 24281
Rao, A. Managing configuration of B-ISDN and ATM networks (startup and shutdown) 37588
Rao, A., Yang, K., Bhargava, S., Tzou, K.H. Low complexity field-based processing for high quality video compression 29958
Rao, A.K., Wilson, R.P. Coal-diesel technology looks good for clean coal 5 47790
Rao, A.Ravishankar *see* Ravishankar Rao, A.
Rao, A.S. Simpler by design 8098
Rao, B.D. *see* Gardner, W.R. 29529
Rao, B.Madhu *see* Madhu Rao, B.
Rao, B.M.L., Cook, R., Kobasz, W., Deuchars, G.D. Aluminum-air batteries for military applications 17193
Rao, B.Nageshwar *see* Nageshwar Rao, B.
Rao, B.Ramakrishna *see* Ramakrishna Rao, B.
Rao, B.S.Prakasa *see* Prakasa Rao, B.S.
Rao, C.Govinda *see* Govinda Rao, C.
Rao, C.Radhakrishna *see* Radhakrishna Rao, C.
Rao, D.H., Nikiforuk, P.N., Gupta, M.M., Wood, H.C. Neural equalization of communication channels 29415
Rao, D.S., Kurdahi, F.J. On clustering for maximal regularity extraction 9903
Rao, D.Sreenivasa *see* Sreenivasa Rao, D.
Rao, D.S.Shankar *see* Shankar Rao, D.S.
Rao, G.M. *see* Muralidhar, G.K. 20217
Rao, G.Mohan *see* Mohan Rao, G.
Rao, G.V.Ramana *see* Ramana Rao, G.V.
Rao, G.V.S. *see* Arunachalam, S.A. 25323
Rao, G.V.Subba *see* Subba Rao, G.V.
Rao, I.K.Ravichandra *see* Ravichandra Rao, I.K.
Rao, J.Rama *see* Rama Rao, J.
Rao, K. Extracting salient contours for target recognition: algorithm and performance evaluation 13598
Rao, K.K. *see* Krishnan, R. 4934
Rao, K.R. *see* Ben-Arie, J. 13653
Rao, K.R. *see* Ben-Arie, J. 22279
Rao, K.R. *see* Ben-Arie, J. 45039
Rao, K.R. *see* de Queiroz, R.L. 29647
Rao, K.R. *see* de Queiroz, R.L. 44966
Rao, K.R. *see* Hwang, J.J. 4937
Rao, K.R. *see* Wei Gong 22044
Rao, K.Raghunath *see* Raghunath Rao, K.
Rao, K.S., Raju, S., Wang, J.R. Estimation of soil moisture and surface roughness parameters from backscattering coefficient 32064
Rao, K.Siva Rama *see* Siva Rama Rao, K.
Rao, K.Srinivasa *see* Srinivasa Rao, K.
Rao, K.V.Satyanarayana *see* Satyanarayana Rao, K.V.
Rao, L.V. *see* Prasad, M. 47493
Rao, M., Stone, J.B. Design and implementation of an automated thirty-two channel tester (A32CT) 6340
Rao, M.Archana *see* Archana Rao, M.
Rao, M.M. *see* Shyy, W. 33370
Rao, M.Mukunda *see* Mukunda Rao, M.
Rao, M.Rama Krishna *see* Rama Krishna Rao, M.
Rao, M.V. *see* Martin, J.M. 2019
Rao, M.V. *see* Nadella, R.K. 2048
Rao, M.V.Ramana *see* Ramana Rao, M.V.
Rao, N.A.H.K., Aubry, W.M. Evaluation of a pulse compression technique for ultrasound speckle reduction 7670
Rao, N.A.H.K., Hui Zhu Simulation study of changes in ultrasound speckle statistics with the system point spread function 38996
Rao, N.D. *see* Shao, J. 32395
Rao, N.D. *see* Tripathy, S.C. 39499
Rao, N.D. *see* Vankayala, V.S.S. 16134
Rao, N.D. *see* Vankayala, V.S.S. 24835
Rao, N.S., Appleby, M.H. The role of terrain modeling in lunar rover simulation 32025
Rao, N.S.V., Oblow, E.M., Glover, C.W., Liepins, G.E. N-learners problem: fusion of concepts 44942
Rao, P.Ananda *see* Ananda Rao, P.
Rao, P.B., Skavantzos, A. New multiplier design based on squared law algorithms and table lookups 26837
Rao, P.Bhaskar *see* Bhaskar Rao, P.
Rao, P.Ramakrishna *see* Ramakrishna Rao, P.
Rao, P.Seshagiri *see* Seshagiri Rao, P.
Rao, P.V.S. VOICE: an integrated speech recognition synthesis system for the Hindi language 4515
Rao, R. *see* Kester, O. 7137
Rao, R. *see* Tao, J. 17608
Rao, R.L., Iyengar, S.S. Bin-packing by simulated annealing 26320
Rao, R.P. Rare earth activated phosphor materials 28612
Rao, R.P., Pearlman, W.A. Alphabet-constrained vector quantization 21609
Rao, R.R. *see* Zorzi, M. 45849
Rao, R.Srihari *see* Srihari Rao, R.
Rao, S., Grunenfelder, R. Heterogeneous networking for computers and communications in broadband environment 30483
Rao, S., Pearlman, W.A. Spectral estimation from subbands 13310
Rao, S. *see* Dickinson, A. 26934
Rao, S. *see* Nyholm, P. 12625
Rao, S. *see* Nyholm, P. 34315
Rao, S. *see* Nyholm, P. 36223
Rao, S.B. *see* Li, Y. 22711
Rao, S.K., Hatamian, M., Uyttendaele, M.T., Narayan, S., O'Neill, J.H., Uvieghara, G.A. A real time P*64/MPEG video encoder chip 26999
Rao, S.M. *see* Gothard, G.K. 29097
Rao, S.M. *see* Gothard, G.K. 44298
Rao, S.M. *see* Sarkar, T.K. 12747
Rao, S.M. *see* Sarkar, T.K. 27129
Rao, S.M. *see* Vechinski, D.A. 29160
Rao, S.M. *see* Vechinski, D.A. 29282
Rao, S.S., Lyall, M.J., Gandhi, P.P. Biorthogonal wavelets for waveform coding in BPSK and QPSK systems 44918
Rao, S.S., Sethuraman, S., Ramamurti, V. A recurrent neural network for nonlinear time series prediction—a comparative study 4641
Rao, S.S. *see* Christopher, S. 29384
Rao, S.Sreepathi *see* Sreepathi Rao, S.
Rao, S.Subba *see* Subba Rao, S.
Rao, S.U.M. Reliability physics of electronic devices through material characterization and environmental stress testing techniques 26246
Rao, S.V.Subba *see* Subba Rao, S.V.
Rao, T.C.K., Barakat, R., Kozaki, S. Gaussian beam scattering from a conducting cylinder partially buried in a ground plane 36181
Rao, T.C.Malleswara *see* Malleswara Rao, T.C.
Rao, T.M., Gupta, R.P. Performance appraisal of 55 kW wind electric generators set up by BHEL 47813
Rao, T.N. *see* Bahadur, L. 34647
Rao, T.R.N., Feng, G.L., Kolluru, M.S., Lo, J.C. Novel totally self-checking Berger code checker designs based on generalized Berger code partitioning 21516
Rao, T.R.N. *see* Feng, G.L. 12849
Rao, T.R.N. *see* Feng, G.L. 44686
Rao, T.S. *see* Gabr, M.M. 36767
Rao, T.Sudersena *see* Sudersena Rao, T.
Rao, U. *see* Demczyk, B.G. 34813
Rao, U.K., Garcia-Valenzuela, A., Tabib-Azar, M. Smart integrated-optics displacement/force sensor based on speckle pattern detection using neural-net with 0.1 Å resolution 6539
Rao, U.K., Garcia-Valenzuela, A., Tabib-Azar, M. Smart integrated-optics displacement/force sensor based on speckle pattern detection using neural net with 0.1 Å resolution 15047
Rao, U.R. *see* Marar, T.M.K. 47018
Rao, U.V.Subba *see* Subba Rao, U.V.
Rao, V., Hinsberg, W.D., Frank, C.W., Pease, R.F.W. The influence of residual casting solvent on the dissolution behavior of diazonaphthoquinone resists 11013
Rao, V., Moorthy, S., Shihab, S., Bates, I. Application of neural network techniques to partial discharge measurements of high voltage energy systems 40079
Rao, V. *see* Shihab, S. 38410
Rao, V.B. *see* Sapatnekar, S.S. 26776
Rao, V.Malleswara *see* Malleswara Rao, V.
Rao, V.Narayana *see* Narayana Rao, V.
Rao, V.Pushkara *see* Pushkara Rao, V.
Rao, V.R. *see* Brockhoff, K.K. 200
Rao, V.Ramgopal *see* Ramgopal Rao, V.
Rao, V.R.M., Saini, A. Electron beam probing for design verification at Intel 43044
Rao, V.Sambasiva *see* Sambasiva Rao, V.
Rao, V.Seshagiri *see* Seshagiri Rao, V.
Rao, V.V. *see* Masalkar, P.J. 3108
Rao, V.V.B. *see* Vinnakota, B. 36522
Rao, V.Venkateswara *see* Venkateswara Rao, V.
Rao, Y.J., Jackson, D.A. Prototype fibre-optic-based ultrahigh pressure remote sensor using dual-wavelength coherence reading 15059
Rao, Y.J., Jackson, D.A. Prototype fiber-optic-based Fizeau medical pressure sensor that uses coherence reading 23688
Rao, Y.J., Jackson, D.A. Prototype fiber-optic-based pressure probe with built-in temperature compensation with signal recovery by coherence reading 31242
Rao Gudimetla, V.S. *see* Silvestri, G.G. 2565
Rao Ruizhong *see* Ruizhong Rao
Rao Sudarshan *see* Sudarshan Rao
Rao Xiao-Lei *see* Xiao-Lei Rao
Raoult, F. *see* Aziz, A. 42842
Raoult, F. *see* Sarret, M. 33700
Raoult, F. *see* Sehil, H. 19846
Raparia, D. *see* Yao, C.G. 15296
Rape, R., Fefer, D., Drnovsek, J., Jeglic, A. The realization of a learning algorithm for monitoring the state of the DC module of an AC/DC transfer standard 41646
Rapi, A., Pallaro, G., Risatti, R. The auto-impregnation of windings 42264
Rapoport, D.A. *see* Solokhin, N.V. 18387
Rapoport, N. Power electronic designers guide to thermal management boards 27354

Raposo, J.A., Singh, V.P., McClure, J.C., Bell, R.G., Mayo, J.W. Current transport and aging in direct-current powder electroluminescent display devices 31355
Rapp, H. Examination of transient phenomena in induction machines, caused by an incorrectly adjusted rotor-time constant in a field-orientated control system 25434
Rapp, J. *see* Eitel, K. 31763
Rapp, K. Sensor signals transmitted by radio waves 14901
Rapp, R., Schomburg, W.K., Maas, D., Schulz, J., Stark, W. LIGA micropump for gases and liquids 32886
Rappa, M.A. *see* Debackere, K. 194
Rappaport, C.M. *see* Craig, W.P. 36372
Rappaport, D.M. Toward a robust network environment 5342
Rappaport, S.S. Blocking, hand-off and traffic performance for cellular communication systems with mixed platforms 5757
Rappaport, S.S. *see* Lon-Rong Hu 45803
Rappaport, T.S. *see* Blackard, K.L. 4102
Rappaport, T.S. *see* Liberti, J.C. 45802
Rappaport, T.S. *see* Russell, T.A. 37865
Rappard, A.von *see* von Rappard, A.
Rappaz, J. *see* Clain, S. 17611
Rappelsberger, P., Pockberger, H., Petsche, H. Sources of electric brain activity: intracortical current dipoles 31939
Rappich, J., Lewerenz, H.J., Gerischer, H. The surface of Si(111) during etching in NaOH studied by FTIR spectroscopy in the ATR technique 19552
Raptis, I., Glezos, N., Hatzakis, M. Analytical evaluation of the energy deposition function in electron-beam lithography in the case of a composite substrate 27951
Raptis, I. *see* Glezos, N. 28051
Raptou, P.D. *see* Okkalides, D.P. 15777
Rara, G. *see* Norton, T.R. 26829
Rarenko, A.I. *see* Ashcheulov, A.A. 46456
Raridon, R.J. *see* Cowan, R.G. 46728
Rasa, F. *see* Bastida, E.M. 28203
Rasanen, J., Silvennoinen, R., Peiponen, K.-E., Asakura, T. On surface damage detection of slightly rough metal surfaces 23894
Rasch, A. *see* Bauer, J. 35459
Rasch, A. *see* Goring, R. 3101
Raschepkin, A.P., Zinchenko, T.R. Heating of bimetallic alloys by a travelling magnetic field 27320
Rashad, E.M. *see* Mostafa, A.S. 25400
Rashed, A.B.B. *see* Bull, D.R. 6667
Rashed, A.M.H., Metaweh, M.A. A new approach to electrical network reliability evaluation based on dual fault tree 16290
Rashed, R.A., Abboud, A.A., Ibrahim, M.A. Theoretical prediction of neutron penetration in iron-water laminates 25152
Rashed-Mohassel, J. Optimum directivity of a uniformly spaced broadside array of collinear half-wave dipoles 36429
Rasheed, H. *see* Ravikumar, C.P. 41817
Rashid, A. *see* Goodwin, A.R. 20838
Rashid, A.H.A., Nor, K.M. An algorithm for the optimal scheduling of variable head hydro and thermal plants 25246
Rashid, A.M. *see* Davies, I.G.A. 28880
Rashid, M.M., Nohtomi, A., Uozumi, Y., Sakae, T., Matoba, M. Ratio-to-digital converter (RDC) for the correction of the effect of position signal's timing nonlinearity 24098
Rashidi, N.H. Inner feedback and its impact on the operating characteristics of a three-phase current-controlled inverter with hysteretic current controllers 8604
Rashmi *see* Sharma, R. 2348
Rashwan, M.A., Elsherif, M.S., Elsayad, A.M. Nonhomogeneous image coding for progressive transmission 22069
Rashwan, M.A., Elsherif, M.S., Elsayad, A.M. Reduced-difference pyramid structure for progressive image transmission 30009
Rasikawan, S. *see* Shimizu, N. 35179
Raskmark, P., Larsen, T., Hornsleth, S.N. Multiapplicator hyperthermia system description using scattering parameters 24340
Rasky, P.D., Chiasson, G.M., Borth, D.E. Hybrid slow frequency-hop/CDMA-TDMA as a solution for high-mobility, wide-area personal communications 45805
Raslan, N.A., Said, A.E., Elkfafi, M. A new biquad circuit realizing high-order MOSFET-C filters 10279
Rasmussen, E.N., Rutledge, S.A. Evolution of quasi-two-dimensional squall lines. I. Kinematic and reflectivity structure 15996
Rasmussen, H., Aagaard, J. Distributed and self-tuning control system for diesel generators 40033
Rasmussen, H. *see* Borsting, H. 16835
Rasmussen, H. *see* Tonnes, M. 17431
Rasmussen, I. *see* Clausen, J.C. 25209
Rasmussen, J. *see* Scholl, B. 5961
Rasmussen, J.L., Etter, D.M. Analysis of the error surface of the adaptive stochastic filter 29609
Rasmussen, J.R., Edmonds, J.S., Stein, J., Burns, C.W. Adapting rotor-mounted scanner technology to steam turbine generators 32727
Rasmussen, J.R., Olsen, S.L., Carmen, D.F. Molybdenum container development for Na/S cells 17257
Rasmussen, K. Radial wave-motion in cylindrical plane-wave couplers 32133
Rasmussen, K.B. Maximum likelihood estimation of the parameters of nonminimum phase and noncausal ARMA models 36766
Rasmussen, K.B. Maximum likelihood estimation of the attenuated ultrasound pulse 36769
Rasmussen, K.Bo *see* Bo Rasmussen, K.
Rasmussen, L.K., Wicker, S.B. Comparison of two retransmission request mechanisms for trellis coded modulation 21511
Rasmussen, O. *see* Sharp, R. 952
Rasmussen, O. *see* Sharp, R. 2632
Rasmussen, S., Bo Rasmussen, K. On loudspeaker cabinet diffraction 46263
Rasmussen, T., Bjarklev, A., Hedegaard Povlsen, J., Pedersen, B., Pedersen, F.B., Lumholt, O., Rottwitt, K. Silica waveguide integrated optical isolator 11654
Rasmussen, T. *see* Bjarklev, A. 43447
Rasmussen, T. *see* Grunnet-Jepsen, A. 3505
Rasmussen, T. *see* Lumholt, O. 20667
Rasmussen, T. *see* Rottwitt, K. 5886
Rasmusson, B. *see* Efraimsson, L. 24965
Raspotnik, W.B. *see* Thomas, G.S. 7695
Rastello, M.L. *see* Premoli, A. 43605
Rastgoufard, P. *see* Tinnium, K.N. 47445
Rasti, M. *see* Herren, L.T. 23453
Rastogi, A. *see* Agrawal, M. 14120
Rastogi, A.C. *see* Dhara, S. 18286
Rastogi, A.C. *see* Lakshmikumar, S.T. 33045
Rastogi, A.K., Tiwari, A.K. Non-radiative phenomenon in coupled dielectric guide 4176
Rastogi, A.K., Tiwari, A.K. Variation of wave impedance of shielded suspended dielectric guide 4177
Rastogi, A.Kumar *see* Kumar Rastogi, A.
Rastogi, P., Kdzicki, M.N., Golshani, F. ExPro—an expert system based process management system 10921
Rastogi, P.K. A multiple sources holographic technique for the measurement of slope change of a three-dimensional object 23883
Rastogi, P.K., Pflug, L. Measurement of large out-of-plane displacements using two source holographic interferometry 44142
Rastogi, S.K., Poulikakos, D. Modeling of heat transfer in the surface mounting of electronic components 27357
Rastrilla, P., Rinous, P., Benedicto, J. Payload for medium altitude global mobile satellite system 22822
Rasulov, K. *see* Mirzabaev, M. 25677
Rasulov, K. *see* Mirzabaev, M. 33041
Rasulov, K. *see* Mirzabaev, M. 40478
Rasulov, K.K. *see* Azamatov, Z.T. 35512
Rasulyar, G. *see* Ehrlich, I. 32849
Ratajczyk, Z. Subsystems of true arithmetic and hierarchies of functions 525
Ratanaphanyarat, S. *see* Pelella, M.M. 11171
Ratanaphanyarat, S. *see* Wagner, L.F. 11176
Rataud, J.P. *see* Sortais, P. 15591
Ratayczak, G. *see* Guntermann, M. 37751
Ratchev, D. Are NV—memories non—volatile? 10179
Ratcliff, B. The DIRC counter; a new type of particle identification device for B factories 7173
Ratcliff, B. *see* Abe, K. 7260
Ratcliff, B. *see* Abe, K. 15619
Ratcliff, B. *see* Abe, K. 46930
Ratcliff, B. *see* Coyle, P. 46918
Ratcliff, K., Allen, C.R. Mechanical parts inspection for robot grinding flexible manufacturing cells 26236
Rateau, P. High " G" miniaturized systems for data acquisition and transmission 32150
Ratering-Schnitzler, B. *see* Komurka, J. 47409
Rath, D.L., Romankiw, L.T., Herman, D.A., Jr. Inductive head lamination by electroplated nickel-phosphorus 11491
Rath, K., Johnson, S.D. Toward a basis for protocol specification and process decomposition 5243
Rath, R. *see* Svejda, F.J. 18694
Rathbun, L. *see* Goodwin, F. 830
Rathe, R., Lanier, L., Seymour, J. Radiologic Anatomy: an interactive system for first year medical students 14835
Rather, J.D.G. *see* Bennett, H.E. 47450
Rathgeb, E.P. Policing of realistic VBR video traffic in an ATM network 22654
Rathjen, B. *see* Bruckner, B. 17374
Rathmann, F., Montag, C., Fick, D., Tonhauser, J., Bruckner, W., Gaul, H.-G., Grieser, M., Povh, B., Rall, M., Steffens, E., Stock, F., Zapfe, K., Braun, B., Graw, G., Haeberli, W. New method to polarize protons in a storage ring and implications to polarize antiprotons 6941
Rathna, G.N., Nandy, S.K., Parthasarathy, K. A methodology for architecture synthesis of cascaded IIR filters on TLU FPGAs 42060
Rathnam, S. *see* Butterfield, J. 30363
Rathod, N.C. *see* Padmini, S. 16507
Rathore, H.S., Filippi, R.G., Wachnik, R.A., Estabil, J.J., Kwok, T. Electromigration and current-carrying implications for aluminum-based metallurgy with tungsten stud-via interconnections 2211
Rathore, R.K.S. *see* Munshi, P. 33795
Rathore, T.S. Timer 555 with dual supply 1117
Rathore, T.S. A new timer-based retriggerable monostable and its applications 26902
Rathsfeld, A. On quadrature methods for the double layer potential equation over the boundary of a polyhedron 26367
Ratib, O. *see* Pun, T. 45050
Ratish Kumar, B.V., Naidu, K.B. A streamline upwinding streamfunction-vorticity finite element analysis of Navier-Stokes equations 9486
Ratkay, I. *see* Bor, Z. 15911
Ratliff, R., Wood, K.L., Crawford, R.H. Modeling of vertical centrifugal pumps 25956
Ratliff, R. *see* Cavin, R. 34399
Ratna, B.R. *see* Ruth, J. 3211
Ratna, P. *see* Kulkarni, M.S. 24000
Ratnakumar, B.V., Attia, A.I., Surampudi, F.S., Halpert, G. A new reference electrode for Na/MCl_2 batteries 25634
Ratnakumar, B.V., Surampudi, S., Halpert, G. Effects of sulfur additive on the performance of $Na/NiCl_2$ cells 48095
Ratnam, P., Grubisich, M., Mehrotra, B., Iranmanesh, A., Blair, C., Biswal, M. The effect of isolation edge profile on the leakage and breakdown characteristics of advanced bipolar transistors 11175
Ratner, L. *see* Huang, H. 7044
Ratner, L.G. *see* Phelps, R.A. 38798
Ratner, V.L. Calculation of the angular distribution and waveguide capture efficiency of the light emitted by a fluorophore situated at or adsorbed to the waveguide side wall 23558
Ratnieks, P.N. *see* Gertner, A.G. 2809
Ratsep, M. *see* Saari, P. 29039
Ratta, A.D.Della *see* Della Ratta, A.D.
Rattagi, M. *see* Borchi, E. 7251
Rattan, S.S., Gaurav, H., Negi, R. Design of microprocessor based Viterbi decoder 44677
Ratti, G. *see* Jacquet, L. 39959
Ratto, C.F., Festa, R. A procedure for evaluating the influence of weather Markovianity on the storage behaviour of solar systems [and wind power systems] 25850
Ratto, C.F. *see* Noia, M. 14528
Ratto, C.F. *see* Noia, M. 14529
Rattray, W. *see* Asar, A.-u. 16241
Ratusz, J.-P. *see* Koval, D.O. 25619
Ratynskiy, M.V. Analysis of the characteristics of direction-finding algorithms with superresolution 23107
Ratz, G. *see* Veprek, S. 42701
Ratzinger, U. *see* Amendola, G. 15300
Ratzinger, U. *see* Angert, N. 6905
Rau, C. *see* Florescu, V. 28360
Rau, C. *see* Nowicki, R.S. 1943
Rau, G. *see* Thull, B. 39085
Rau, J.-Y. *see* Chen, L.-C. 39359
Rau, M. *see* Pfleiderer, H.-J. 41747
Rau Dar-Chin *see* Dar-Chin Rau
Raub, F. *see* Schnabel, R. 38076
Raub, F. *see* Schnabel, R. 38128
Raubenheimer, T. *see* Decker, F.J. 15369
Raubenheimer, T. *see* Limberg, T. 7035
Raubenheimer, T. *see* Pellegrini, C. 44002
Rauch, E. *see* Dusa, M. 6781
Rauch, S.E., Sullivan, T.D. Modeling stress-induced void growth in Al-4 wt.%Cu lines [metallisation] 2206
Rauch, W. *see* Bachler, J. 46934
Raud, E.A. *see* Grebennik, V.N. 39837
Raue, R., Shiiki, M., Matsukiyo, H., Toyama, H., Yamamoto, H. Saturation of ZnS:Ag,Al under cathode-ray excitation 20518
Rauen, K.L., Smith, D.A., Heineman, W.R., Johnson, J., Seguin, R., Stoughton, P. Humidity sensor based on conductivity measurements of a poly(dimethyldiallylammonium chloride) polymer film 14969
Rauf, I.A. A novel method for preparing thin films with selective doping in a single evaporation step 18244
Raugi, M. *see* Cardelli, E. 44244
Raugi, M. *see* Esposito, N. 44241
Rauly, D., Alkhoja, J. Coupled electrical/thermal modelling of a power hybrid microwave load 42244
Raumer, T.von *see* von Raumer, T.
Raupp, G.B., Cale, T.S. Corrosion film model for the hydrogen reduction of WF_6: implications for feature scale simulation 2239
Raupp, G.B., Levedakis, D.A., Cale, T.S. Predicting intrawafer film thickness uniformity in an ultralow pressure chemical vapor deposition reactor 9722
Raupp, G.B. *see* Cale, T.S. 824
Raus, M. *see* Fohr, R. 36892
Rauski, D. *see* Levi, E. 8406
Raut, R. Current mode oscillators using a voltage to current transducer in CMOS technology 33926
Raut, R., Daoud, N.S. Current-mode oscillator realisation using a voltage-to-current transducer in CMOS technology 10010
Rauta, S. *see* Dash, P.K. 27066
Rauta, S. *see* Dash, P.K. 39463
Rautaharju, P.M. *see* Kornreich, F. 39051

Rautanen, J. *see* Balek, V. 33627
Rauterberg, U. Relays with driven contacts 1682
Rauth, A.M. *see* Foster, F.S. 15704
Rauthenberg, S. *see* Kauff, P. 30984
Rautio, J.C. Educational use of a microwave electromagnetic analysis of 3-D planar structures 107
Rautio, J.C., Dib, N.I., Ponchak, G.E., Katehi, L.P.B. Some comments on approximating radiation [and reply] 21377
Rautio, J.C., Sarkar, T.K. Some comments of electromagnetic de-embedding and microstrip characteristic impedance [and reply] 12682
Rava, P. *see* Demichelis, F. 27495
Rava, P. *see* Demichelis, F. 28604
Rava, P. *see* Ouwens, J.D. 26483
Ravaioli, U., Bishop, L., Bodine, F., Iyer, S., Fu, P., Goosens, R., Wu, K.-C., Dutton, R. Examples of visualization for semiconductor simulation 11109
Ravanelli, R. *see* Alessandri, F. 29379
Ravanelli, R. *see* Mizzoni, R. 29402
Ravattinen, R. *see* Kamshilin, A.A. 12375
Ravel, J.Y. *see* Ballot, E. 47697
Ravel, M.K. *see* Germer, T.A. 15650
Ravelli, F. *see* Speranza, G. 15850
Raven, P.F. *see* Marsden, G. 5436
Raver, N. *see* Senthinathan, R. 17842
Ravesi, S. *see* Grimaldi, M.G. 18216
Ravet, M.F. *see* Chen, Y. 28031
Raveta, M.F. *see* Haghiri-Gosnet, A.M. 28214
Ravez, M. *see* Gazalet, M.G. 43563
Ravi, J. *see* Honeycutt, J.W. 10745
Ravi, K.N., Ramamoorty, M., Naidu, M.S. Voltage distribution of a string insulator under DC voltages 39631
Ravi, R.V. Digital signal processing with MathCAD 138
Ravi, S. *see* Coutts, B. 4917
Ravi, T.S. *see* Ramesh, R. 43226
Ravi Kumar, Y. *see* Chakrabarti, P. 35573
Ravich, Yu.I. *see* Zhitinskaya, M.K. 34550
Ravichandra Rao, I.K. *see* Bookstein, A. 4385
Ravichandran, B., Sanderson, A.C. Model based matching using a minimum representation size criterion and a hybrid genetic algorithm 5056
Ravichandran, G., Trivedi, M.M. Development of distortion-invariant texture operators 21924
Ravicini, L. *see* Castelli, B. 16714
Ravida, D. *see* Freni, S. 40458
Ravikumar, B. Signature Capture and Retrieval System 37370
Ravikumar, C.P., Rasheed, H. Simulated annealing for target-oriented partial scan 41817
Ravikumar, K.G. *see* Aizawa, T. 35439
Ravikumar, S. *see* Liu, F.T. 19255
Ravindra, N.M., Wu, Y., Shah, B., Savin, W., Fink, T., Lareau, R.T., Pfeffer, R.L. Formation of $TiSi_2/n^+$/p-silicon junctions by implantation through metal technique 10740
Ravindran, K., Bansal, V. Delay compensation protocols for synchronization of multimedia data streams 5250
Ravindran, K., Lin, X.T. Structural complexity and execution efficiency of distributed application protocols 30206
Ravindran, K., Singh, G., Gupta, P. Reconfiguration of spanning trees in networks in the presence of node failures 45573
Ravindran, K., Steinmetz, R. Transport-level abstractions for multimedia communications 37119
Ravindranath, B. *see* Gupta, V. 47829
Ravindranathan, P. *see* Bacsa, R. 9693
Ravisekhar, T., Swamy, P.V.H.S.R., Krishnan, C.N. Radar tracking from an airborne platform with randomly varying orientations 6114
Ravishankar, C.S. *see* Gelfand, S.B. 44852
Ravishankar, C.V. *see* Chang, R.N. 37146
Ravishankar Rao, A. *see* Chou, P.B. 434
Ravitz, A. *see* Oznovich, I. 29889
Raviv, D. Invariants in visual motion 4977
Raviv, D. Visual looming 30042
Ravn, H. *see* Zhou, J.W. 6499
Rawicz, A.H. Stress induced corrosion of wire micro-joints in microelectronics—a quantitative model 42342
Rawles, R.E. *see* Hukka, T.I. 41446
Rawley, G.L. *see* Audley, M.D. 24127
Rawlings, C. *see* Evans, P.M. 7463
Rawlins, G.S., Koller, G.G., Belkerdid, M.A. Rapid acquisition of spread spectrum signals utilizing integrated technologies 37699
Rawlins, W., Radebaugh, R., Timmerhaus, K.D. Thermal anemometry for mass flow measurement in oscillating cryogenic gas flows 15250
Rawlinson, W.R. *see* Quinn, P.D. 15454
Rawski, J. *see* Christofides, C. 31329
Rawson, E.G. *see* Hadimioglu, B. 16089
Rawsthorne, J.R. *see* Khoe, G. 6054
Ray, A. *see* Lee, S. 30312
Ray, A. *see* Pal, S. 45128
Ray, A. *see* Sen, T.K. 18524
Ray, A.K., Cook, M.J., Thorpe, S.C., Mukhopadhyay, S. Sensitivity of phthalocyanine-based conductometric NO_2 sensors 38582
Ray, A.K., Swan, R., Hogarth, C.A. Trap distribution and density in ultrahigh-vacuum-deposited tellurium films 27461
Ray, A.K., Swan, R., Hogarth, C.A. Conduction mechanisms in amorphous tellurium films 27503
Ray, A.K. *see* Issa, A.A. 21485
Ray, A.K. *see* Parker, B.H. 33975
Ray, B.K., Ray, K.S. A new approach to scale-space image 45182
Ray, B.N. *see* Sen, T.K. 18524
Ray, D., Mukherjee, P.K. Computation of failure probability in planning of a power system 24890
Ray, D. *see* Stevenson, R. 7861
Ray, D.S. *see* Deb, B. 3404
Ray, K.G. *see* Betts, G.E. 43534
Ray, K.P., Mullen, E.G., Trumble, T.M. Results from the high efficiency solar panel experiment flown on CRRES 39303
Ray, K.S. *see* Ray, B.K. 45182
Ray, L. *see* Emerick, J. 40671
Ray, L.A. *see* Spaulding, K.E. 22085
Ray, M. *see* Goodwin-Johansson, S. 42384
Ray, M. *see* Seth, M. 45141
Ray, M.A. *see* Augustine, B.H. 35524
Ray, M.A. *see* Liu, X. 42611
Ray, M.A. *see* Zhang, B. 2064
Ray, S. *see* Abbas, G.L. 39285
Ray, S. *see* Chaudhuri, P. 8756
Ray, S. *see* Saha, S.C. 18261
Ray, S.L. *see* Shlager, K.L. 36164
Ray, S.L. *see* Shlager, K.L. 41220
Ray, U. *see* Artaki, I. 34379
Ray, U. *see* Artaki, I. 42297
Ray, W. *see* Roth, S.S. 10149
Ray, W.F., Al-Bahadly, I.H. Sensorless methods for determining the rotor position of switched reluctance motors 8880
Ray-Chaudhuri, A.K. *see* Liang, S. 34840
Ray-Chern Deng *see* Horng-Chih Lin 2052
Ray-Chern Deng *see* Horng-Chih Lin 9755
Ray-Chern Deng *see* Horng-Chih Lin 33688
Rayapati, V.N., Kaminska, B. A dynamic reconfiguration scheme for mega bit static random access memories 10167
Rayapati, V.N., Kaminska, B. Dynamic reconfiguration schemes for mega bit BiCMOS SRAMs 10183
Rayapatii, V.N., Kaminska, B. Performance analysis of multilayer interconnections for megabit static random access memory chip 18723
Raybon, G. *see* Alferness, R.C. 45985
Raybon, G. *see* Hansen, P.B. 37985
Raybon, G. *see* Heismann, F. 14593
Raybon, G. *see* Heismann, F. 38093
Raybon, G. *see* Kim, I. 43888
Raybon, G. *see* Koyama, F. 11685
Raybon, G. *see* Koyama, F. 43529
Raybon, G. *see* Ludwig, R. 35991
Raybon, G. *see* Ludwig, R. 38127
Raybon, G. *see* Young, M.G. 23005
Raychaudhuri, B., Chattopadhyay, P. Effect of energy distribution of interface states on the capacitance and conductance of Schottky barrier and MIS tunnel contacts 28170
Raychaudhuri, D. *see* Ganesh, R. 37803
Raychaudhuri, D. *see* Joseph, K. 14400
Rayess, D.M.El *see* El Rayess, D.M.
Rayfield, J., Munde, J. Speech codec on simple, compact DSP 1258
Rayhawk, J. *see* Moriyasu, H. 10059
Rayit, A.K., McEwan, N.J. Coplanar waveguide filters 1485
Rayit, A.K., McEwan, N.J. Coplanar waveguide filters: new design data and case studies 42154
Rayment, P.A. Radiated susceptibility measurement on integrated circuits 44475
Raymer, J.H. *see* Kizakevich, P.N. 15690
Raymer, M.G. *see* Hodges, S.E. 3702
Raymer, M.G. *see* Hodges, S.E. 12275
Raymer, M.G. *see* Munroe, M. 28900
Raymond, D.M. *see* Thomas, S.L. 46987
Raymond, F. *see* Gesley, M. 27869
Raymond, F. *see* Gesley, M. 27915
Raymond, F. *see* Murray, A. 27917
Raymond, J. *see* Sampath, V. 23100
Raymond, K. *see* Beitz, A. 14241
Raymond, K. *see* Indulska, J. 37519
Raymond, K. *see* Indulska, J. 45458
Raymond, K.A. Reference model of open distributed processing: A tutorial 37513
Raymond, K.A. *see* Bearman, M.Y. 37520
Raymond, R.S. Status of the ultra-cold polarized jet for NEPTUN and NEPTUN-A at UNK 31616
Raymond, R.S. *see* Luppov, V.G. 31588
Raymond, S. *see* Van Hoof, C. 3356
Raymund, T.D., Pryse, S.E., Kersley, L., Heaton, J.A.T. Tomographic reconstruction of ionospheric electron density with European incoherent scatter radar verification 7621
Raymund, T.D. *see* Kersley, L. 47245
Raynal, M. *see* Mizuno, M. 45340
Raynal, M. *see* Mostefaoui, A. 45533
Raynaud, Y. *see* Zhang, L. 5434
Rayner, P. *see* Kokaram, A. 13812
Rayner, R., David, P., Cheung, C., Sa-Idi, A., Fock-Tian, J. Competency based development for professional engineers in power generation 16230
Raynor, B. *see* Hornung, J. 3380
Raynor, B. *see* Hulsmann, A. 27315
Raynor, B. *see* Schneider, J. 2683
Raynor, B. *see* Thiede, A. 27025
Raynor, B. *see* Thiede, A. 33996
Raz, S. *see* Farkash, S. 29592
Raza, S.H. *see* Panwar, O.S. 26516
Razak, A.K., Halder, A.K. Image enhancement using fuzzy set theory 21987
Razanamampandry, J., Chamorel, P.-A., Germond, A.J. Expert system for voltage & VAr control 24837
Razaz, M., Marlow, K.A. A transputer-based parallel DSP environment 36702
Razban, T., Frances, H., Robert, B., Papiernik, A. A compact oscillator integrated in a microstrip patch antenna 36375
Razdan, R., Bischoff, G.P., Ulrich, E.G. Clock suppression techniques for synchronous circuits 18577
Razdan, R. *see* Paul, D.K. 12792
Razdobreev, I.M. *see* Bobrysheva, A.I. 3794
Razeghi, M. *see* Choi, Y.H. 9584
Razeghi, M. *see* Diaz, J. 43923
Razeghi, M. *see* Jelen, C. 9585
Razeghi, M. *see* Mobarhan, K. 12213
Razeghi, M. *see* Saxler, A. 18207
Razeghi, M. *see* Staveteig, P.T. 28589
Razek, A. *see* Chengjun Li 44239
Razek, A. *see* Li, C. 29103
Razek, A. *see* Li, C. 44235
Razek, A. *see* Mendes, E. 40517
Razet, A. On the hyperfine spectrum of the 62P (17-1) line of $^{127}I_2$ at 576 nm 6292
Razgonyaev, V. *see* Doberstein, S. 2770
Razumikhina, T.B. *see* Krasnikov, V.V. 7639
Razumovskii, V.V., Kolycheva, L.I. Some considerations on application of method of major components for interpreting electrical prospecting data 32070
Razzooqi, K.A.R., Gomes, N.J., Davies, P.A. Physically based circuit model of GaAs MESFET as an optical port for microwave systems 1509
Re, E.Del *see* Del Re, E.
Re, L. *see* Ferretti, G.F. 15883
Re, S. *see* Shannon, D.C. 20728
Rea, F.G. *see* Hitt, E.F. 39296
Rea, P. Innovative network structure displays 22435
Rea, P. Innovative network structure displays 22448
Rea, T. Down on the electric farm 48496
Read, A.L. *see* Benvenuti, A. 7252
Read, D.T., Dally, J.W. Strength, ductility and fatigue life of aluminum thin films 924
Read, D.T., Dally, J.W. Strength, ductility, and fatigue life of aluminum thin films 9809
Read, I.J. *see* Sampson, D.D. 35397
Read, M. The BT global network 13944
Read, R.J., Bishop, P.G., Jones, E.V. Modems for the general switched telephone network: development, design and the future 30566
Reader, A.H., van Ommen, A.H., Weijs, P.J.W., Wolters, R.A.M., Oostra, D.J. Transition metal silicides in silicon technology 34816
Reader, A.H. *see* Craciun, V. 34723
Reader, A.H. *see* La Via, F. 2236
Reader, A.H. *see* La Via, F. 18147
Ready, M.J. *see* Algazi, V.R. 4476
Ready, P., Ayotte, D.P. Improved maintenance procedures at Bruce NGS-B 16542
Ready, S.E., Boyce, J.B., Fork, D.K., Mei, P., Anderson, G.B., Johnson, R.I. Temperature dependence of the Hall mobility in polycrystalline silicon 27459
Ready, S.E. *see* Johnson, R.I. 27492
Ready, S.E. *see* Mei, P. 42911
Reagan, J. *see* Hackman, R.H. 23219
Reagan, J.T., Abatzoglou, T.J. Model-based superresolution CSO processing 29846
Reagan, J.T. *see* Abatzoglou, T.J. 29869
Reale, A. *see* Bollanti, S. 24124
Reali, G. *see* Cacopardi, S. 22965
Reali, G. *see* Cacopardi, S. 45835
Reali, G. *see* Capodieci, P. 37901
Reali, G.C. *see* Agnesi, A. 3740
Reali, G.C. *see* Agnesi, A. 20983
Reaney, I. *see* Sreenivas, K. 19673
Rearick, D.P. *see* Song, S. 355
Reason, C.J. *see* Gottfeldt, P. 9193
Reason, J. Coming soon to your service area: gas-insulated substations 17132
Reason, J. New Yellowstone system eases environmental impact 47526
Reason, J. Transformer rebuild increases load capacity 47928
Reason, J. *see* Wreathall, J. 39786
Reatti, A. Winding losses optimization in a flyback converter transformer 26686
Reaves, C.M. *see* Heimbuch, M.E. 41440
Reaves, C.M. *see* Leonard, D. 10713
Reay, D.S., Green, T.C., Williams, B.W. Neural networks used for torque ripple minimisation from a switched reluctance motor 8347
Reay, D.S., Green, T.C., Williams, B.W. Minimisation of torque ripple in a switched reluctance motor using a neural network 16824
Reay, N.K. Sub-nanometre precision closed-loop positioning for optics and X-Y stage control using capacitance displacement sensors and piezo-electric actuators 46624
Rebane, A. *see* Ollikainen, O. 11559

Rebane, K.K. Persistent spectral hole-burning and optical data processing 20249
Rebane, K.K. *see* Ollikainen, O. 11559
Rebane, Yu.T., Shreter, Yu.G. Two new types of graded-band-gap solar cells 48114
Rebaudengo, M., Sonza Reorda, M. An experimental analysis of the effects of migration in parallel genetic algorithms 41100
Rebbapragada, V. *see* Pettigrew, R.D. 32515
Rebeiz, G.M. *see* Acharya, P.R. 36398
Rebeiz, G.M. *see* Ali-Ahmad, W.Y. 4280
Rebeiz, G.M. *see* Ali-Ahmad, W.Y. 42221
Rebeiz, G.M. *see* Eleftheriades, G.V. 4304
Rebeiz, G.M. *see* Eleftheriades, G.V. 21394
Rebeiz, G.M. *see* Filipovic, D.F. 4339
Rebeiz, G.M. *see* Filipovic, D.F. 36399
Rebeiz, G.M. *see* Gauthier, G. 1423
Rebeiz, G.M. *see* Katehi, L.P.B. 19102
Rebeiz, G.M. *see* Kormanyos, B.K. 34278
Rebeiz, G.M. *see* Ling, C.C. 22766
Rebeiz, G.M. *see* Robertson, S.V. 27291
Rebeiz, G.M. *see* Weller, T.M. 1438
Rebenkov, E.S. *see* Babokin, G.I. 9067
Rebenne, H. *see* Srinivas, D. 41486
Rebenstorf, B. *see* Larsson, R. 17295
Reber, C.A. *see* Chu, D. 298
Reber, C.A. *see* Napolitano, L.M., Jr. 328
Reber, C.A. *see* Napolitano, L.M., Jr. 9937
Reber, E.L. *see* Myers, E.G. 31642
Reber, H. *see* Mercier, E. 24990
Reber, R.A., Jr. *see* Fleetwood, D.M. 34977
Rebhan, R., Zander, J. On the outage probability in single frequency networks for digital broadcasting 46169
Rebhan, T. *see* Geiger, M. 21139
Rebhan, U. *see* Patzel, R. 2362
Rebiai, M., Pinson, F., Michaud, P. A high definition image digitising and processing system 38283
Rebollar, J.M., Esteban, J., Page, J.E. Fullwave analysis of three and four-port rectangular waveguide junctions 42165
Rebollar, J.M. *see* Banos, J.D. 6765
Rebollini, S. *see* Murino, V. 13661
Rebollo, J.A. *see* Godignon, P. 2466
Rebuldela, G. *see* Kinard, J.R. 6284
Recchia, D. *see* Wickline, S.A. 7404
Rechner, M. *see* Studdard, B. 8172
Rechsteiner, M., Schneuwly, B., Guggenbuhl, W. Fast and precise 3D-sensor insensitive to ambient light 6592
Recio, T. *see* Gonzalez-Vega, L. 33521
Reckenfelderbaumer, R. *see* Eversheim, P.D. 31625
Reckenfelderbaumer, R. *see* Paetz gen. Schieck, H. 31626
Recker, M. *see* Eitz, A.W. 39703
Reckhorn, T. *see* Ackva, A. 40591
Reckhorn, T. *see* Ackva, A. 48278
Recolons, J. *see* Torner, L. 44512
Recupero, V. *see* Giordano, N. 25667
Reczek, W. *see* Terletzki, H. 19862
Red-Tom Lin, Bin-chang Chieu Estimation of object motion parameters from stereo noisy image 13720
Redaelli, N. *see* Beker, H. 7152
Reddersen, H.G. *see* Ives, G. 47637
Reddig, M. *see* Abraham, L. 2481
Redding, R.E. *see* Seamster, T.L. 7571
Reddy, B.R.S., Elko, P.E., Christenson, D.W., Rowlandson, G.I. Detection of P waves in resting ECG: a preliminary study 15861
Reddy, B.Sudhakara *see* Sudhakara Reddy, B.
Reddy, C.J., Ittipiboon, A., Cuhaci, M. Admittance characteristics of narrow radiating slots in nonradiating dielectric waveguide 4246
Reddy, C.J., Ittipiboon, A., Cuhaci, M. Aperture coupled microstrip patch antenna fed by nonradiating dielectric waveguide 21429
Reddy, D.C. *see* Korrai, D.R. 13437
Reddy, H.C. *see* Rajaravivarma, V. 34178
Reddy, J.N. *see* Mitchell, J.A. 28330
Reddy, J.N. *see* Robbins, D.H., Jr. 35181
Reddy, K.P.J. Pulse width analysis in a mode locked internally frequency doubled Ti:sapphire laser 20674
Reddy, L.N., Pomeranz, I., Reddy, S.M. COMPACTEST-II: a method to generate compact two-pattern test sets for combinational logic circuits 26883
Reddy, L.N. *see* Kundu, S. 1154
Reddy, L.N. *see* Pomeranz, I. 1134
Reddy, M. *see* Konishi, Y. 10462
Reddy, M. *see* Rodwell, M.J.W. 27285
Reddy, M. *see* Yu, R. 6364
Reddy, M.C. *see* Abbas, G.L. 39285
Reddy, M.R.S., Edenbrandt, L., Svensson, J., Haisty, W.K., Pahlm, O. Neural network versus electrocardiographer and conventional computer criteria in diagnosing anterior infarct from the ECG 24312
Reddy, P.D. *see* Gadepally, K. 34802
Reddy, P.J. *see* Aparna, Y. 17405
Reddy, P.K., Bakyalakshmi, R. Contour drawing program for antenna pattern 29291
Reddy, P.K., Ramalakshmi, V., Seetharaman, G.S. TE_{21} mode waveguide coupler for tracking 27175
Reddy, P.S. *see* Aparna, Y. 17405
Reddy, P.S. *see* Herrera-Bendezu, L.G. 39053
Reddy, P.V.C.V. Testability measure and analysis 19966
Reddy, R., Medhat, S. *(editors)* Simulation in Concurrent Engineering. Proceedings of the 1993 JTEC Workshop on Concurrent Engineering 40884
Reddy, S.M. *see* Higson, S.P.J. 31326
Reddy, S.M. *see* Pomeranz, I. 1134
Reddy, S.M. *see* Pomeranz, I. 1135
Reddy, S.M. *see* Pomeranz, I. 18590
Reddy, S.M. *see* Pomeranz, I. 26867
Reddy, S.M. *see* Pomeranz, I. 26882
Reddy, S.M. *see* Pomeranz, I. 26896
Reddy, S.M. *see* Pomeranz, I. 26897
Reddy, S.M. *see* Pomeranz, I. 34006
Reddy, S.M. *see* Pomeranz, I. 41832
Reddy, S.M. *see* Reddy, L.N. 26883
Reddy, S.P. *see* Rivera-Colon, R. 31953
Reddy, T.A., Claridge, D.E. Effect of air-conditioner oversizing and control on electric-peak loads in a residence 9001
Reddy, T.B. *see* Binder, M. 25629
Reddy, T.B. *see* Hart, M.C. 17186
Reddy, T.Rs. *see* Barua, K. 23547
Reddy, V. *see* Beniere, F. 27663
Reddy, V.U., Biradar, L.S. SVD-based information theoretic criteria for detection of the number of damped/undamped sinusoids and their performance analysis 13220
Reddy, V.U. *see* Indukumar, K.C. 44999
Reddy, V.U. *see* Mathew, G. 45005
Reddy, V.U. *see* Srinivas, K.R. 36645
Reddy, Y.Mallikarjuna *see* Mallikarjuna Reddy, Y.
Redey, L., Prakash, J., Vissers, D.R., Myles, K.M. Development of high-performance $Na/NiCl_2$ cell 17253
Redfern, A.P. *see* Kalantery, N. 13993
Redfern, A.P. *see* Kalantery, N. 45407
Redfern, M.A., Usta, O., Fielding, G. Protection against loss of utility grid supply for a dispersed storage and generation unit 16445
Redfern, R.M. *see* Mathewson, A. 23586
Redfern, S. *see* Wells, P. 1511
Redfern, S.W. A radar based mass movement sensor for automotive security applications 23208
Redford, M. *see* Price, T.E. 33260
Redford, M.A. Hierarchical classification system for diagnosis of semiconductor transistor 264
Redford, S. Management on demand 39509
Redi, O. *see* Zhou, J.W. 6499
Redi, P. *see* Lori, L. 16728
Reding, J.L. A method for determining probability based allowable current ratings for BPA's transmission lines 47545
Redish, J., Ramey, J. Measuring the value added by professional technical communicators 160
Redivo-Zaglia, M. *see* Brezinski, C. 33522
Redkin, E.V. *see* Vagin, G.Ya. 9027
Redkin, V.B. *see* But, V.V. 25733
Redkovskii, N.N. *see* Gureev, V.A. 33817
Redl, R., Balogh, L. Design aids for single-phase high-frequency power-factor correctors with capacitive energy storage 32276
Redl, R., Kislovski, A.S., Sokal, N.O., Drimusz, L. Computer program provides small-signal dynamic analysis and design of any switching regulator 25524
Redl, R., Reizik, G.T., Erisman, B.P. Smart insulated-gate-transistor driver with built-in current limit in a small, inexpensive five-pin one-watt package 26691
Redl, R., Reizik, G.T., Erisman, B.P. Smart insulated-gate-transistor driver with built-in current limit in a small, inexpensive five-pin one-watt package 41659
Redl, R., Reizik, G.T., Erisman, B.P. Smart insulated-gate-transistor driver with built-in current limit in a small, inexpensive five-pin one-watt package 41676
Redl, R. *see* Erisman, B.P. 26690
Redl, R. *see* Erisman, B.P. 41657
Redlich, S. *see* David, G. 27266
Redlich, S. *see* David, G. 42238
Redman, D.A., Follstaedt, D.M., Guilinger, T., Kelly, M. Photoluminescence of silicon nanostructures formed by ion beam implantation 10868
Redman, T.C. Data quality for telecommunications 45438
Redman-White, W. *see* Balmford, R.A.H. 9970
Redman-White, W. *see* Howes, R. 43129
Redmer, R. *see* Stobbe, M. 34521
Redmond, I.R. *see* Walker, A.C. 11744
Redmond, I.R. *see* Walker, A.C. 11904
Redmond, M.J. A renewed focus on systems engineering—efforts within Boeing Commercial Airplane Group 39133
Redmond, P. *see* Slemmons, W. 9267
Redmond, P.J. *see* Hughes, L.A. 10598
Redmond, S. *see* Hale, G. 10065
Redmond, S.M. DSP algorithms to optimised ASICs—an automated route 41961
Redmond, T. *see* Perfecto, E. 9307
Redstall, R.M. Local access networks, predicting passive optical reliability 38055
Redtensteiner, H. *see* Himmelstoss, F.A. 26706
Redus, R.H. *see* Entine, G. 15728
Redwing, J.M., Kuech, T.F., Saulys, D., Gaines, D.F. Study of the gas phase chemistry in the silicon doping of GaAs grown by metalorganic vapor phase epitaxy using tertiarybutylarsine as the group V source 41256
Ree, J.de la *see* de la Ree, J.
Reece, K. *see* Huang, H. 7044
Reece, W.J., Hill, S.G., Ryan, T.G. Issues in procedure development for DOE nuclear facilities 39739
Reed, A.G., Posen, M.C.J. Interference in the fixed satellite service bands between the feeder-links of networks using nongeostationary satellites and network using geostationary satellites 22958
Reed, B. *see* Kilakos, K. 26311
Reed, C.W. *see* Rzad, S.J. 17415
Reed, D. Accurately divided. High voltage dividers with precision resistors 10372
Reed, E. *see* Ziock, H.J. 7184
Reed, E.W. *see* Carnaghan, R.M. 13828
Reed, F.E. *see* Zhang, D. 20544
Reed, I.S. *see* Al-Mashouq, K.A. 12866
Reed, I.S. *see* Chen, X. 36547
Reed, I.S. *see* Leu-Shing Lan 29957
Reed, I.S. *see* Leu-Shing Lan 36835
Reed, I.S. *see* Xuemin Chen 44703
Reed, I.S. *see* Yu, X. 4874
Reed, J., Gao, G.B., Bochkarev, A., Morkoc, H. $Si_3N_4/Si/Ge/GaAs$ metal-insulator-semiconductor structures grown by in situ chemical vapor deposition 33727
Reed, J. *see* Wedderburn-Bisshop, T. 5341
Reed, J.D. *see* Chen, Y.-P. 18182
Reed, J.H., Agee, B.G. A technique for instantaneous tracking of frequency agile signals in the presence of spectrally correlated interference 29614
Reed, J.H. *see* Howitt, I. 12632
Reed, J.N. *see* Kay, A. 5652
Reed, J.W., Walters, R.R., Guidotti, R.A., Jacobson, A.K. Burn-rate studies with iron/potassium perchlorate heat pellets 17175
Reed, M., Merrill, A., Bhamidipati, V.N., Keough, S. Atlantic Electric Company B.L. England Station unit no.3 cooling tower retrofit 8180
Reed, M.J., Nguyen, H.V., Chambers, R.E. Computing the Fourier transform in geophysics with the transform decomposition DFT 47229
Reed, R. *see* Faergemand, O. 5275
Reed, R.A., McNulty, P.J., Beauvais, W.J., Roth, D.R. Charge collection spectroscopy 35076
Reed, R.G. *see* Sturges, R.H., Jr. 229
Reed, S.E. *see* Berthold, J.W. 31252
Reed, T. *see* Iskander, M.F. 40830
Reed, W.A. *see* Iqbal, T. 43374
Reed, W.A. *see* Kim, K.S. 35413
Reed, W.A. *see* Mizrahi, V. 3023
Reeder, D. *see* Bernstein, A. 31661
Reeder, D. *see* Wang, M.-Z. 31689
Reeder, P.L. Neutron detection using GSO scintillator 31764
Reeder, T. *see* Wiegand, M. 37296
Reedy, A. *see* Donachie, J. 38014
Reedy, H. *see* Berger, M. 12289
Reeke, H.M. *see* Woodburn, R. 10387
Reekie, L. *see* Abdulhalim, I. 43434
Reekie, L. *see* Archambault, J.-L. 28470
Reekie, L. *see* Dong, L. 2949
Reekie, L. *see* Kringlebotn, J.T. 28791
Reekie, L. *see* Kringlebotn, J.T. 28800
Reemstma, J.H. *see* Kuebart, W. 35624
Reemtsma, J.-H. *see* Kaiser, D. 28671
Rees, D. *see* Folkard, M.A. 9563
Rees, D. *see* Luk, P.C.K. 47870
Rees, G.H. Review of high energy pp colliders 15266
Rees, G.H. Intensity limitations in circular particle accelerators 31595
Rees, G.J. *see* David, J.P.R. 43633
Rees, P. *see* Summers, H.D. 3649
Rees, S., Staromlynska, J. Automatic laser light detection and filtering using a liquid crystal Lyot filter 20412
Rees, S.J., Jones, B.F. Operator for object recognition and scene analysis by estimation of set occupancy with noisy and incomplete data sets 30026
Rees, V. *see* Elkins, D.I. 9043
Rees, W.S., Jr., Green, D.M., Anderson, T.J., Bretschneider, E. OMVPE growth of ZnSe utilizing zinc amides as source compounds: relevance to the production of p-type material 756
Rees, W.S., Jr., Green, D.M., Hesse, W., Anderson, T.J., Pathangey, B. Synthesis, characterization and evaluation of zinc-amides as potential dopant sources for ZnSe OMVPE 41385
Rees, W.S., Jr. *see* Greenwald, A.C. 9737
Reese, B. Use of VHDL synthesis in an advanced digital design course 18570
Reese, C. *see* Salvaderi, L. 39931
Reese, D. *see* White, J.T. 31751
Reese, K. *see* White, S.R. 7423
Reeson, K.J. *see* Geatches, R.M. 34614
Reeson, K.J. *see* Hunt, T.D. 10881
Reeve, A. Fieldbus—are users involved? 5558
Reeve, J., Lane-Smith, S.P. Multi-infeed HVDC transient response and recovery strategies 32392
Reeve, M.H. Intelligent networks 30551
Reeves, A., Sturmfels, B. A note on polynomial reduction 17983
Reeves, A.P. *see* Hsu, P.Y. 5059

Reeves, A.P. *see* Hsu, P.Y. 13704
Reeves, A.P. *see* Hsu, P.Y. 30012
Reeves, C. Diversity and diversification in genetic algorithms: some connections with Tabu search 41101
Reeves, C.M. *see* Walton, A.J. 2284
Reeves, D.B., Stafford, D.L., McCarthy, J., Turner, S. A fuel cooling basis for critical safety parameter training 99
Reeves, D.S. *see* Aras, C.M. 37076
Reeves, G.K. *see* Bond, P. 2182
Reeves, G.K. *see* Harrison, H.B. 2177
Reeves, G.K. *see* Kubica, J.M. 35428
Reeves, G.K. *see* Leech, P.W. 19635
Reeves, G.K. *see* Ong, G.T. 19245
Reeves, R.J. *see* Powell, R.C. 21034
Reeves, S.J., Eddins, S.L. Comments on "Iterative procedures for reduction of blocking effects in transform image coding" 37018
Refale, R.A. *see* Gouda, O.E. 16337
Refolio, M.C., Lopez Sancho, J.M., Lopez Sancho, M.P., Rubio, J. Local alkali-metal-promoted oxidation of Si(100)-(2×1) surfaces: a generalized-Hubbard-model calculation 34778
Refolio, M.C. *see* Lopez-Sancho, J.M. 2251
Refoufi, L., Pillay, P., Harris, M.R. A step-down chopper-controlled slip energy recovery induction motor drive 25864
Refoufi, L. *see* Pillay, P. 40555
Refregier, P., Laude, V., Javidi, B. Nonlinear joint-transform correlation: an optimal solution for adaptive image discrimination and input noise robustness 45145
Refregier, P. *see* Carre, C. 36942
Refregier, P. *see* Javidi, B. 4812
Refregier, P. *see* Kerlirzin, P. 13548
Refregier, P. *see* Laude, V. 3209
Regalado, L.E., Garcia-Llamas, R. Method for calculating optical coating stabilities 3297
Regalia, P.A. Consistency and minimality for the prewindowed prediction problem 4694
Regalia, P.A. *see* Fijalkow, I. 36741
Regalia, P.A. *see* Loubaton, P. 21753
Regan, T. *see* Abbott, B. 31776
Regan, T. *see* Hulbert, M. 7206
Regano, M., Ibanez, M., Hevia, F. Development of an NPP residual lifetime evaluation system 47639
Regar, K.-N. *see* Reister, D. 48222
Regazzoni, C. *see* Dambra, C. 14692
Regazzoni, C.S., Arduini, F., Vernazza, G. A multilevel GMRF-based approach to image segmentation and restoration 22065
Regazzoni, C.S. *see* Foresti, G. 13787
Regazzoni, C.S. *see* Matteucci, P. 45235
Regazzoni, C.S. *see* Murino, V. 13661
Rege, K. On the M/G/1 queue with Bernoulli feedback 9378
Reger, H., Offermanns, U. E-mail-based problem management 14091
Reger, R. *see* Frank, W. 31072
Reggiani, L., Varani, L. Correlation and response functions of hot-carrier in semiconductor materials and devices 19714
Reggiani, L. *see* Gonzalez, T. 11126
Reggiani, L. *see* Gonzalez, T. 19360
Reggiani, L. *see* Gruzinskis, V. 19025
Reggiani, L. *see* Gruzinskis, V. 42827
Reggiani, L. *see* Varani, L. 19707
Reggiani, U. *see* Barletta, A. 12523
Reggiani, U. *see* Borghi, C.A. 25787
Reggiannini, R. *see* Luise, M. 4372
Reggini, H.C. Tree graph representation of Hamiltonian paths 26301
Regi, L. *see* Borio, R. 47040
Regimbart, R. *see* He Zhiyong 46884
Reginato, L., Newton, M., Yu, S.S. Concept for powering the dipole magnet in a recirculating induction accelerator for heavy ion fusion 23962
Reginato, L.L. Induction accelerator development for heavy-ion fusion 31537
Reginato, L.L. *see* Barnard, J.J. 31535
Reginato, L.L. *see* Berners, D. 15343
Reginato, L.L. *see* Celata, C.M. 31562
Reginato, L.L. *see* Newton, M.A. 23958
Reginato, L.L. *see* Yu, S.S. 15339
Reginski, K. *see* Auleytner, J. 2055
Reginski, K. *see* Sadowski, J. 724
Register, L.F. *see* Averin, D.V. 19710
Regler, M. *see* Bosio, C. 15618
Regler, M. *see* Fruhwirth, R. 24080
Regnard, J.R. *see* Brizard, C. 19536
Regnault, G. Concurrent engineering with CAD/CAM and engineering data management 41000
Regnault, P. *see* Buczek, H. 11625
Regnault, P. *see* Oppliger, Y. 34855
Regnault, Ph., Voirin, G., Falco, L. Array of diffractive microlenses used as coupling elements for integrated optical interferometer chips 11674
Regnier, X. *see* Coll, P. 1118
Rego, C.G. *see* Bergmann, J.R. 36390
Rego, C.G. *see* Bergmann, J.R. 44592
Rego, V. *see* Chung, K. 5234
Regolini, J.L., Gisbert, F., Dolino, G., Boucaud, P. Growth and characterization of strain compensated $Si_{1-x-y}Ge_xC_y$ epitaxial layers 9556
Regolini, J.L. *see* Gouy-Pailler, P. 19628
Regolini, J.L. *see* Muret, P. 11138
Regreny, A. *see* Beniere, F. 27663
Regreny, A. *see* Guivarc'h, A. 41274
Regtien, P.P.L. *see* Canhui Cai 23891
Regtien, P.P.L. *see* Hammes, P.C.A. 6491
Regueiro, C.V., Barro, S. Limitation of connectionism in MLP 18939
Reguero, F. *see* de Fermin, R. 14422
Reher, D.F.G., Denecke, B., De Roost, E., van der Meer, K. Standardization of a 50 GBq ^{152,154}Eu extended volume source 46830
Reher, H.J. *see* Konig, D. 35154
Rehfuss, S. *see* Hammerstrom, D. 18943
Rehg, J.M. *see* Cox, I.J. 5110
Rehm, J.M. *see* Pang, C. 34686
Rehm, S. *see* Christofides, C. 31329
Rehm, W. *see* Wunstel, K. 30577
Rehmat, A. *see* Robertson, A. 8163
Rehmet, R. *see* Ruhl, G. 34842
Rehn, L.A. *see* Radeka, V. 15674
Rehn, L.E. *see* Meng, W.J. 41326
Rehn, R.L. Brassboard test results of the drivetrain for a hybrid electric bus 48267
Rehn, R.L., Gilbert, A.T. Brassboard test results of the drivetrain for a hybrid electric bus 48414
Reibman, A. *see* Kanakia, H. 30165
Reibman, A.R. *see* Wai-Man Lam 21840
Reich, J. *see* Pian, C.C.P. 25344
Reich, N., Mentel, J., Jakob, G., Mizeraczyk, J. cw He-Kr^+ laser with transverse radio frequency excitation 28690
Reich, S. *see* Ascher, U.M. 41169
Reich, T., Hussain, Z., Moler, E., Blackwell, M., Kaindl, G., Shirley, D.A., Howells, M.R. High resolution in the soft X-ray range from a toroidal grating monochromator 7307
Reich, Y. *see* Subrahmanian, E. 9208
Reiche, H., Vokler, D. Durability against transient voltages—an important property of an inverter-proof induction motor 8390
Reiche, M. *see* Tong, Q.-Y. 27614
Reichel, H. *see* Zaviska, O. 32633
Reichel, L. *see* Calvetti, D. 9461
Reichel, L. *see* Calvetti, D. 33523
Reichel, L. *see* Levenberg, N. 26359
Reichel, T. RF power measured the right way. I 14912
Reichel, T. *see* Kruse, A. 31734
Reichel, V., Hofer, B., Vobian, J., Dultz, W. All-fibre optical Solc and Lyot filters 35546
Reichelt, D. *see* Heilbronn, B. 24818
Reichenbach, S.E., Samal, A. Undergraduate research experiences in digital image processing and computer vision 9160
Reichenberger, H. *see* Schneider, S. 31880
Reichert, B. PC measurement technology under Windows 46296
Reichert, G. *see* Brown, R.J. 32103
Reichert, J. *see* Kraus, S.C. 6471
Reichert, K. *see* Kung, L. 48260
Reichert, W. *see* Carlson, N.W. 20825
Reichert, W.F. *see* Abeles, J.H. 20863
Reichertz, L.A., Dutz, H., Goertz, S., Kramer, D., Meyer, W., Reicherz, G., Thiel, W., Thomas, A. Polarization reversal of proton spins in a solid-state target by superradiance 31658
Reichertz, L.A. *see* Dutz, H. 31657
Reicherz, G. *see* Dutz, H. 31657
Reicherz, G. *see* Reichertz, L.A. 31658
Reichinger, H.P., Baghai-Wadji, A.R. Dynamic 2D analysis of SAW-devices including massloading 2752
Reichl, H. *see* Eldring, J. 1765
Reichl, H. *see* Engelmann, G. 26467
Reichl, H. *see* Kersten, P. 10562
Reichl, H. *see* Simon, J. 17884
Reichl, H. *see* Zakel, E. 27389
Reichler, B. *see* Hofmann-Preiss, K. 24175
Reichman, B.M. *see* Kilmartin, S. 32830
Reichmanis, E., Houlihan, F.M., Nalamasu, O., Neenan, T.X. Chemically amplified resists, chemistry and processes 42809
Reichmann, K.C., Magill, P.D., Koren, U., Miller, B.I., Young, M., Newkirk, M., Chien, M.D. 2.5 Gb/s transmission over 674 km at multiple wavelengths using a tunable DBR laser with an integrated electroabsorption modulator 22714
Reichmeyer, F., Hariri, S., Jabbour, K. Hypercube-based local lightwave networks 14214
Reichmeyer, F. *see* Ayyash, S.A. 14215
Reichold, A. *see* Borer, K. 7221
Reichwaldt, D., Sewczyk, W. Different code requirements for workability and nondestructive testing of thick-walled austenitic components 25160
Reid, B., Maciejko, R., Champagne, A. Absorption and index of refraction for the modeling of InGaAsP/InP photonic devices 20572
Reid, C.L. *see* Williams, P.M. 47691
Reid, D.T. *see* Dudley, J.M. 21084
Reid, D.T. *see* Sibbett, W. 12089
Reid, J. *see* Steyn-Ross, M.L. 24513
Reid, J. *see* Weiner, N. 10057
Reid, J.S., Kolawa, E., Ruiz, R.P., Nicolet, M.-A. Evaluation of amorphous (Mo, Ta, W)-Si-N diffusion barriers for ⟨Si⟩|Cu metallizations 11000
Reid, J.S. *see* Kolawa, E. 10998
Reid, K.L., Bunt, R.B. An analysis of space priority queueing in ATM switches 37670
Reid, M.A. Impedance measurements on a spiral-wound nickel/metal hydride cell cycled in a simulated low Earth orbit 32045
Reid, M.A. *see* Maloy, J.T. 17232
Reid, M.B. Optical calculation of potential fields for robotic path planning 38569
Reid, P.J., Iglesias, F.C., Dymarski, M.J., Lim, S.T., Lewis, B.J. Assessment of fuel defects in Darlington NGS 8088
Reid, T. Incentive finance for industry 26135
Reid, T.J. *see* Farries, M.C. 43860
Reid, W.S. *see* Kramer, J.D.R., Jr. 23182
Reiderer, S.J. *see* Liu, Yu.L. 47044
Reidick, H. Transferability of experience made with Rhenish brown coal to brown coal from Central Germany with regard to NO_x primary measures 32657
Reidinger, F. *see* Golecki, I. 762
Reidinger, F. *see* Golecki, I. 41444
Reidinger, L.J. *see* Raglin, K.A. 16586
Reidy, J. *see* Carey, R. 31749
Reier, F.W., Jahn, E., Agrawal, N., Harde, P., Grote, N. Doping characteristics of undoped and Zn-doped In(Ga)AlAs layers grown by low-pressure metalorganic vapour phase epitaxy 41261
Reif, J. *see* Markas, T. 4852
Reif, J.H. *see* Royals, D.M. 1254
Reif, R. *see* Abe, K. 15619
Reif, R. *see* Yamauchi, N. 42654
Reif, R. *see* Zhen-Hong Zhou 2163
Reiff, E.-C. *see* Homburg, D. 15214
Reiffer, G. *see* Andrews, M. 13946
Reifman, J. *see* Vitela, I. 32557
Reig, A. *see* Alba, J.J. 32263
Reignier, P. *see* Clavreul, R. 16343
Reihani, K. Symbolic representation, modeling, and manipulation of arcs and lines 5066
Reihani, K., Thompson, W.E. Knowledge representation in a guided globular reasoning framework. III 5054
Reihani, K., Thompson, W.E. Knowledge representation in a guided globular reasoning framework. IV 5055
Reijers, L.N. *see* Duffy, A.H.B. 17798
Reijns, E.M. Environmentally friendly heat/power units 40000
Reijs, J. Foresight studies undertaken by the Ministry of Economic Affairs in The Netherlands 40856
Reill, L. *see* Curio, G. 31884
Reilly, A. *see* Frazer, G. 4742
Reilly, A.K. A US perspective on standards development 37202
Reilly, H.F. Jr. *see* Chen, J.C. 21424
Reilly, J.F. A review of specifications for plastic packaged microelectronics 389
Reilly, J.J. *see* Anani, A. 32997
Reilly, J.P. *see* Lin, C.C. 46132
Reilly, J.P. *see* Qiang Wu 4605
Reilly, M., Wells, G.M., Guo, J., Wallace, J.P., Edward, N., Cerrina, F., Melngailis, J. X-ray mask replication using square synchrotron radiation illumination 27988
Reilly, M. *see* Luciani, L. 27926
Reilly, M.H. Thin-phase screen estimates of TID effects on midlatitude transionospheric radio paths 21246
Reilly, M.T., Krasnoperova, A.A., Leonard, Q., Taylor, J.W., Pan, S.W. Track oriented chemically-amplified resist processes for quarter-micron lithography 11078
Reilly, M.T. *see* Krasnoperova, A.A. 11077
Reilly, M.T. *see* Pan, S.-W. 27968
Reilly, N.B. Successful systems engineering for engineers and managers 40895
Reilly, S.M. *see* Hasegawa, B.H. 15761
Reiman, L. *see* Wahlstrom, B. 39799
Reiman, M.I. *see* Coffman, E.G., Jr. 37093
Reimann, H. *see* Bosse, H. 46633
Reimann, H.-P. *see* Fay, B. 33792
Reimann, P. *see* Dammer, U. 28348
Reimann, T. *see* Petzoldt, J. 8564
Reimbold, G. *see* Ferlazzo, L. 2228
Reimche, W. *see* Stegemann, D. 32720
Reimer, K., Ehrlich, C., Kohler, C., Brunger, W. "Direct write" pattern placement accuracy for e-beam nanolithography 28005
Reimer, K. *see* Chlebek, J. 28029
Reimer, K. *see* Kohlmann-von Platen, K.T. 26508
Reimer, P. *see* Sarwar, S. 31698
Reimers, J. *see* Kraus, J. 23307
Reimers, J. *see* Muller, K. 38278
Reimers, J. *see* Reventlow, C.v. 38303
Reimers, U. System concepts for digital TV in Europe 6179
Rein, C. The pressure-temperature dependence of the electrical resistance of Zeranin in the temperature range 160-370 K and at pressures up to 1 GPa 23845
Rein, G.L. Collaboration technology for organization design 30488
Rein, H.-M., Schroter, M., Koldehoff, A., Worner, K. A semi-physical bipolar transistor model for the design of very-high-frequency analog ICs 11182
Rein, H.-M. *see* Felder, A. 10250
Rein, H.-M. *see* Felder, A. 34140
Rein, H.-M. *see* Hauenschild, J. 14668
Rein, H.-M. *see* Schroter, M. 19790

Rein, H.M. *see* Treitinger, L. 30837
Reinartz, R. *see* Kanyo, M. 7192
Reinders, M.J.T., Odijk, F.A., van der Lubbe, J.C.A., Gerbrands, J.J. Tracking of global motion and facial expressions of a human face in image sequences 36826
Reindl, L. *see* Machui, J. 1300
Reindl, L. *see* Muller, G. 42031
Reindl, L. *see* Ruppel, C.C.W. 11421
Reineix, A., Paillol, J., Jecko, B. FDTD method applied to the study of radar cross section of microstrip patch antennas 38145
Reineix, A. *see* Alaeddine, A. 4285
Reineix, A. *see* Alaeddine, A. 12723
Reineix, A. *see* Brugeas, I. 44383
Reineix, A. *see* Feix, N. 12713
Reineix, A. *see* Kellali, S. 12564
Reineix, A. *see* Ribardiere, P. 38147
Reineix, A. *see* Torres, F. 12640
Reiner, K. Potential for application of energy storage devices in electric traction 17534
Reineri, C., Moitre, D., Aromataris, L. Sequence impedances of three-phase aerial lines taking into consideration the effect of the earth. Numerical calculation and experiments 16387
Reineri, C. *see* Aromatoris, L. 39595
Reinert, W. *see* Braunstein, J. 27263
Reinert, W. *see* Schlechtweg, M. 19143
Reinert, W. *see* Tasker, P.J. 6768
Reines, F. *see* Riley, S.P. 7217
Reinfelde, M. *see* Ozols, A. 44154
Reinhard, D.K. *see* Gopinath, V. 27734
Reinhard, D.K. *see* Huang, C.-J. 11177
Reinhardt, B.A., Kannan, R., Dillard, A.G. Synthetic approaches for novel optoelectronic and polymeric materials 21025
Reinhardt, C., Heilmann, A., Grunewald, W., Hamann, C. Investigations of the microstructure of plasma polymer tin and copper composite films using electron microscopy methods 892
Reinhardt, C. *see* Karellas, A. 15722
Reinhardt, F. *see* Jonsson, J. 41360
Reinhardt, F.W. *see* Guidotti, R.A. 17174
Reinhardt, J., Larson, D. Cost and performance considerations for mass optical fiber splicing systems 35379
Reinhardt, J.M., Higgins, W.E. Flexible search-based approach for morphological shape decomposition 36820
Reinhardt, K., Divincenzo, B., Yang, C.-L., Arleo, P., Marks, J., Mikulan, P., Gu, T., Fonash, S. An effective in situ O_2 high density plasma clean 34743
Reinhardt, R. *see* Joiner, B. 380
Reinhardt, W. *see* Heinrichs, B. 13920
Reinhardt, W. *see* Jakobs, K. 37438
Reinhart, F.K. *see* Cao Sansong 12102
Reinhart, F.K. *see* Carlin, J.F. 9649
Reinhart, F.K. *see* Nguyen Hong Ky 19341
Reinhart, G. *see* Kahlenberg, R. 40984
Reinhart, L. *see* Kyunghwan Oh 35761
Reinhart, L. *see* Zhang, Q. 3041
Reinhart, L.J. *see* Mendez, A. 23677
Reinhart, M.J. A four-bit Ku-band monolithic microwave integrated circuit phase shifter 42248
Reinhold, J. *see* Friese, J. 7193
Reinhoudt, D.N. *see* Brunink, J.A.J. 6470
Reinhoudt, D.N. *see* Stauthamer, W.P.R.V. 31179
Reinhoudt, D.N. *see* Verkerk, U.H. 46367
Reininger, H. *see* Kasper, K. 13133
Reininger, H. *see* Wolf, D. 13092
Reininghaus, U. *see* Ballat, J. 8703
Reinisch, R., Vitrant, G. Optical bistability 35995
Reinisch, R. *see* Neviere, M. 3119
Reinke, R.R. Connecting liquid crystal driver LSIs by TAB-on-glass and board-to-glass using heat seal connectors and anisotropic electrically conductive tape 23810
Reinmuth, K., Amann, H. The ruggedness of paralleled power MOSFETs 2561
Reintsema, C.D., Ono, R.H., Harvey, T.E., Missert, N., Vale, L.R. Phase locking in two-junction systems of high-temperature superconductor-normal metal-superconductor junctions 28405
Reinwald, E. Safe disposal of PCB (polychlorinated biphenyls) from transformers 32892
Reis, A.M. *see* Vermelho, M.V.D. 3774
Reis, I. *see* Hartiti, B. 48122
Reis, L.B., Ellery, E.H., Oliveira Coutinho, C.E., Campos Barros, J.G. Study of the application of HVDC variable speed unit connected generation to hydro developments in the Brazilian Amazon region 47484
Reisch, F. ASSET experts find RBMKs OK for continued operation 16519
Reise, T. Power sources for wireless remote data communication systems 32938
Reisenfeld, S. *see* Hefferan, J.T. 6358
Reiser, A. *see* Chen-Chy Lin 11088
Reiser, A. *see* Yeh, T.F. 11016
Reiser, B. *see* Shiran, S. 12646
Reiser, M. Studies of beam transport, longitudinal compression, and resistive-wall instability at the University of Maryland 15483
Reiser, M. *see* Allen, C.K. 46771
Reiser, M. *see* Guharay, S.K. 31582
Reiser, M. *see* Guharay, S.K. 46732
Reiser, M. *see* Hofmann, I. 31568
Reiser, M. *see* Kehne, D. 15481
Reiser, M. *see* Lawson, W. 6872
Reiser, M. *see* Wang, J.G. 15482
Reiser, M. *see* Wang, J.G. 46795
Reisfeld, R. *see* Sorek, Y. 20341
Reising, J.M. *see* Barry, T.P. 4585
Reising, J.M. *see* Liggett, K.K. 7544
Reising, J.M. *see* Solz, T.J. 39279
Reisis, D.I. *see* Doumenis, Gr.A. 14273
Reisis, D.I. *see* Metallinos, S.N. 23491
Reisman, A. *see* Wang, Q.S. 33733
Reisman, A.W. *see* Guppy, J.G. 32600
Reisman, S. *see* Bergen, M.T. 24147
Reisman, S.S. *see* Ciaccio, E.J. 47103
Reisner, D.E., Klein, M. Bipolar nickel-metal hydride battery for hybrid vehicles 40623
Reiss, L.K., Merakos, L.F. Shaping of virtual path traffic for ATM B-ISDN 5593
Reiss, L.K., Merakos, L.F. Priority shaping of source traffic in ATM B-ISDN 14263
Reissner, M. *see* Wang, F. 28129
Reistad, D. *see* Anderson, D.R. 7064
Reistad, D. *see* Bergmark, T. 31594
Reistad, D. *see* Hedblom, K. 15385
Reister, D., Regar, K.-N. From conversion of production cars to purpose design—BMW's development line for electric vehicles 48222
Reita, C., Fluxman, S. Design and operation of poly-Si analogue circuits 35071
Reita, C. *see* Foglietti, P. 11223
Reita, C. *see* Pecora, A. 34967
Reita, C. *see* Quinn, M. 34969
Reitan, R. *see* Helgeson, M. 39224
Reiter, H. *see* Sulz, G. 6642
Reiter, L.M. *see* Lindenmeier, H.K. 12738
Reiter, L.M. *see* Lindenmeier, H.K. 21388
Reith, L.A. Issues relating to the performance of optical connectors and splices 35380
Reith, L.A., Fagerstrom, R.M., Kiss, G.D., Vogel, E.M., Wood, W.W., Yuce, H.H. Performance of ceramic-ferrule optical connectors 2957
Reith, L.A., Yuce, H.H., Grimado, P.B. Mechanical reliability of fiber optic splices 35382
Reith, L.A. *see* Frantz, R.A. 5923
Reith, L.A. *see* Grimado, P.B. 5921
Reithmaier, J.P., Kieslich, A., Sawaragi, H., Forchel, A. High resolution focused ion.beam implantation with post objective lens retarding and acceleration 27656
Reithmaier, J.P. *see* Brovelli, L.R. 20790
Reitman, E.A. *see* Krukar, R. 2133
Reizik, G.T. *see* Redl, R. 26691
Reizik, G.T. *see* Redl, R. 41659
Reizik, G.T. *see* Redl, R. 41676
Rej, D.J., Bartsch, R.R., Davis, H.A., Faehl, R.J., Greenly, J.B., Waganaar, W.J. Microsecond pulse width, intense, light-ion beam accelerator 6882
Rejaei, B. *see* Beenakker, C.W.J. 43365
Rejeb, C. *see* Khanna, S.M. 34513
Rejent, J.A. *see* Hosking, F.M. 34412
Rejouan, E. *see* Hirech, M. 35061
Rekdal, K. CHILL—the international standard language for telecommunications programming 13956
Rekhter, Y. An architecture for transport layer transparent support for mobility 22641
Rekimoto, J. *see* Hamakawa, R. 5338
Rekkas, C.M., Krikelis, N.J., Lefas, C.C. Improved 3-D tracking using the mode-S down link 39162
Reklaitis, A., Mykolaitis, G. Current switching and instability in a heterostructure hot electron diode 19065
Reklaitis, A. *see* Kershulis, S. 43021
Rekowski, R.B. *see* Bodson, M. 25475
Rektor, M.P. *see* Zeisler, S.K. 38997
Rekveldt, M.Th. *see* Por, P.T. 31583
Relihan, T. *see* Fannin, P.C. 15175
Rella, R. *see* Di Giulio, M. 9708
Remaklus, P.W. *see* Stutzman, W.L. 36180
Rembetski, J.F. *see* Gu, T. 42973
Rembold, B. Simulation of radio transmission in a tunnel 29172
Remelius, D.K. *see* Dowell, D.H. 12255
Rementeria, S. *see* Rodriguez, C. 16432
Rementeria, S. *see* Rodriguez, C. 32499
Remenyuk, A.D. *see* Arinushkin, V.N. 34910
Remer, N.A., Nolting, J. Development and manufacture of a large, multi-cell lithium thionyl chloride reserve battery 17171
Remetti, R. *see* Zeppa, P. 38874
Remizov, L.T. *see* Belyayev, A.A. 47226
Remmers, G.D. *see* Harrison, H.A. 8132
Remoissenet, M. *see* Marquie, P. 44485
Remondi, B.W. Real-time centimeter-accuracy GPS: initializing while in motion (warm start versus cold start) 46139
Remta, F. *see* Schejbal, V. 30865
Remy, M. *see* Bouziane, A. 26476
Remy, M. *see* Vande Wouwer, A. 17612
Remy, M.A. *see* Wisnivesky, D. 15514
Ren, A. *see* Kuo, S.P. 44375
Ren, C.B. *see* Grzybowski, S. 39634
Ren, F. Fabrication techniques for GaAs based HBTs and FETs 19619
Ren, F., Abernathy, C.R., Pearton, S.J., Wisk, P.W. Thermal stability of Ti/Pt/Au nonalloyed ohmic contacts on InN 42549
Ren, F., Abernathy, C.R., Pearton, S.J., Wisk, P.W., Esagui, R. InGaP/GaAs based single and double heterojunction bipolar transistors grown by MOMBE 42893
Ren, F., Emerson, A.B., Pearton, S.J., Hobson, W.S., Fullowan, T.R., Lothian, J. Use of Pt gate metallization to reduce gate leakage current in GaAs MESFETs 11241
Ren, F., Fullowan, T.R., Lothian, J.R., Wisk, P.W., Abernathy, C.R., Kopf, R.F., Emerson, A.B., Downey, S.W., Pearton, S.J. Comparison of current-induced migration of Be and C in GaAs/AlGaAs HBTs 2486
Ren, F., Pearton, S.J., Fullowan, T.R., Hobson, W.S., Chu, S.N.G., Emerson, A.B. Improvement of ohmic contacts on GaAs with in-situ cleaning 1932
Ren, F., Pearton, S.J., Lothian, J.R., Abernathy, C.R. Y-gate submicron gate length GaAs metal-semiconductor field effect transistors 2577
Ren, F., Pearton, S.J., Lothian, J.R., Abernathy, C.R. Fabrication of Y-gate, submicron gate length GaAs metal-semiconductor field effect transistors 28213
Ren, F., Pearton, S.J., Lothian, J.R., Abernathy, C.R., Hobson, W.S. Reduction of sidewall roughness during dry etching of SiO_2 42805
Ren, F., Pearton, S.J., Lothian, J.R., Fullowan, T.R., Abernathy, C.R., Chu, N.G. Reliability of implant-isolation regions in highly-doped GaAs-based structures 27635
Ren, F., Pearton, S.J., Tseng, B., Lothian, J.R., Constantine, C. Formation of long wavelength InP laser mesas 20918
Ren, F., Pearton, S.J., Tseng, B., Lothian, J.R., Segner, B.P., Constantine, C. Formation of narrow, dry-etched mesas for long wavelength InP-InGaAsP lasers 3637
Ren, F. *see* Abernathy, C.R. 779
Ren, F. *see* Abernathy, C.R. 41328
Ren, F. *see* Fullowan, T.R. 2455
Ren, F. *see* Fullowan, T.R. 10899
Ren, F. *see* Fullowan, T.R. 42894
Ren, F. *see* Hobson, W.S. 20771
Ren, F. *see* Hobson, W.S. 20915
Ren, F. *see* Lothian, J.R. 10898
Ren, F. *see* Lothian, J.R. 19621
Ren, F. *see* Lothian, J.R. 42790
Ren, F. *see* Mohideen, U. 43899
Ren, F. *see* Pearton, S.J. 2023
Ren, F. *see* Pearton, S.J. 2043
Ren, F. *see* Pearton, S.J. 2095
Ren, F. *see* Pearton, S.J. 2139
Ren, F. *see* Pearton, S.J. 2581
Ren, F. *see* Pearton, S.J. 19520
Ren, F. *see* Pearton, S.J. 19559
Ren, F. *see* Pearton, S.J. 19560
Ren, F. *see* Pearton, S.J. 19561
Ren, F. *see* Pearton, S.J. 19620
Ren, F. *see* Pearton, S.J. 27540
Ren, F. *see* Pearton, S.J. 27677
Ren, F. *see* Pearton, S.J. 27678
Ren, F. *see* Pearton, S.J. 34775
Ren, F. *see* Pearton, S.J. 42704
Ren, F. *see* Pearton, S.J. 42738
Ren, F. *see* Pearton, S.J. 42742
Ren, F. *see* Pearton, S.J. 42835
Ren, F. *see* Pearton, S.J. 43023
Ren, F. *see* Wisk, P. 780
Ren, F. *see* Witmer, S.B. 2471
Ren, F.Y.G., Michel, J., Sun-Paduano, Q., Zheng, B., Kitagawa, H., Jacobson, D.C., Poate, J.M., Kimerling, L.C. IC compatible processing of Si:Er for optoelectronics 11868
Ren, F.Y.G., Michel, J., Sun-Paduano, Q., Zheng, B., Kitagawa, H., Jacobson, D.C., Poate, J.M., Kimerling, L.C. IC compatible processing of Si:Er for optoelectronics 20584
Ren, F.Y.G. *see* Michel, J. 43654
Ren, H. *see* Malik, R. 4997
Ren, J., Lansari, Y., Yu, Z., Cook, J.W., Jr., Schetzina, J.F. Integrated heterostructure devices based on II-VI compound semiconductors 11886
Ren, J. *see* Fang, J. 4219
Ren, J. *see* Lansari, Y. 11675
Ren, J. *see* Yu, Z. 12252
Ren, J.-F., Mark, J.W., Wong, J.W. Performance analysis of a leaky-bucket controlled ATM multiplexer 37653
Ren, L. Intrinsic and extrinsic 1/f noise sources in proton-irradiated n-GaAs epitaxial layers 1838
Ren, L., Hooge, F.N. Intrinsic and extrinsic 1/f noise sources in irradiated n-GaAs 10672
Ren, P. *see* Tan, Z. 9759
Ren, R. *see* Wisk, P.W. 26417
Ren, X., Ozturk, M.C., Grider, D.T., Sanganeria, M., Ashburn, S. A novel implantation free raised source/drain MOSFET process using selective rapid thermal chemical vapor deposition of in-situ boron doped Si_xGe_{1-x} 2530
Ren, X. *see* Ye, P. 5890
Ren, X.Y. *see* Xiong, G.C. 35257
Ren, Z. *see* Li, C. 29103
Ren, Z. *see* Li, C. 44235
Ren Bo *see* Liu Chengze 25740
Ren Congxin *see* Chen Guoliang 35277

Ren Diyuan, Lu Wu, Yu Xuefeng, Fan Long, Gao Wenyu, Yan Rongliang Ionizing radiation effect and damage evaluation of linear integrated circuits 9984
Ren Diyuan *see* Zhang Guoqiang 1960
Ren Diyuan *see* Zhang Guoqiang 2527
Ren Diyuan *see* Zhang Guoqiang 42987
Ren Fan *see* Fan Ren
Ren Hong, Liang Peihui, Shen Qimin, Ye Ren Improved efficiency of second harmonic generation in BBO using copper vapor laser with self-filtering and injection-locking 28701
Ren Hongwei *see* Li Wenxing 12778
Ren Huang *see* Huang Ren
Ren Jiang *see* Ke Liu 23698
Ren Jiang *see* Ke Liu 46281
Ren Li *see* Li Ren
Ren Mingrong, Yuan Gongying An estimation of series system availability and MTTR 459
Ren Wei-Ming *see* You Zheng 31463
Ren Wenjie, Chen Fujie An efficient algorithm for wafer scale placement 2644
Ren Xia *see* Ni Qiuya 25723
Ren Xiangyang *see* Xiangyang Ren
Ren Xianwen *see* Cao Guochen 32416
Ren Ye *see* Ye Ren
Ren Zhang, Jiang Dehong, Xu Demin The application of ANN in decrement of miss alarm in dynamic system FDD 9196
Ren Zhizhang *see* Huang Dading 26442
Ren Zhong-Yue *see* Zhong-Yue Ren
Ren Zhuoxiang *see* Zhuoxiang Ren
Ren-Cang Li A perturbation bound for the generalized polar decomposition 595
Ren-Der Chen *see* Jer-Min Jou 18671
Ren-Jer Tsai *see* Sau-Gee Chen 13462
Ren-Jie Zhang *see* Zhang Ren-Jie
Ren-Mu He *see* He Ren-Mu
Ren-Sheng Che *see* Che Ren-Sheng
Ren-Sheng Cheng *see* Lai, J.Z.C. 23351
Renals, S., Morgan, N., Bourlard, H., Cohen, M., Franco, H. Connectionist probability estimators in HMM speech recognition 36621
Renals, S. *see* Morgan, N. 21671
Renard, B. *see* Combes, P. 37617
Renard, J.-P. High fidelity audio coding 21805
Renard, J.-P., Leich, H. Design of pseudo-quadrature mirror filter bank for high quality subband coding 4570
Renard, J.-P., Leich, H. A study of the filter roundoff noise in subband coding systems 13159
Renard, P.A. *see* Hunt, J.T. 12416
Renaud, J.C. *see* Maricot, S. 5952
Renaud, M. *see* Bissessur, H. 38029
Renaud, M. *see* Morf, T. 35618
Renaud, M. *see* Vinchant, J.-F. 5946
Renaud, M. *see* Vinchant, J.-F. 38121
Renaud, P. *see* Despont, M. 31205
Renaudin, C., Magnin, I.E., Picard, C., Trousset, Y., Sergent, M., Amiel, M. Image quality study in 3D X-ray angiography: a first approach using the experimental design strategy 15772
Renaudin, M. *see* Betts, A.K. 19990
Renbeck, R.B. *see* Noor Mohammad, S. 10639
Renbiao Wu *see* Wu Renbiao
Rendas, M.J. *see* Moura, J.M. 30929
Rende, R.C. *see* De Azevedo, H.R. 17004
Rendell, R.W. *see* Saks, N.S. 34978
Rendina, I. *see* Cocorullo, G. 43525
Rendl, F. *see* Poljak, S. 41091
Rene Mayer, J.R. Polarization optics design for a laser tracking triangulation instrument based on dual-axis scanning and a retroreflective target 29078
Renegar, J. Is it possible to know a problem instance is ill-posed? Some foundations for a general theory of condition numbers 41072
Renesse, R.L.van *see* van Renesse, R.L.
Renesse, R.van *see* van Renesse, R.
Renfordt, R. *see* Bachler, J. 46934
Renfrew, A.C., Tian, J.X. The use of a knowledge-based system in power electronic circuit fault diagnosis 8585
Renftle, W. *see* Bertram, W. 15312
Reng, N. *see* Beck, T. 20333
Rengarajan, S.R. Program computes mutual coupling in slot arrays 4321
Rengarajan, S.R., Chen, Y., Simpson, E. Spherical wave expansion technique [comment and reply] 21374
Rengarajan, S.R., Derneryd, A. Application of resonant compound coupling slots for planar slot arrays with shaped patterns 12772
Rengarajan, S.R., Steinbeck, M. Longitudinal slots in dielectric-filled rectangular waveguides 4180
Renggli, L. *see* Bourgault, Y. 26381
Renhorn, I. *see* Pucar, P. 5080
Renier, M., Schmied, D., Trickett, B.A. Vacuum system of the ESRF 15278
Renieri, A. *see* Castellano, M. 6925
Renjie Cheng *see* Zhihong Hu 8542
Renjun Li *see* Li Renjun
Renk, B. *see* Bozzoli, W. 38923
Renk, K.F. *see* Gousev, Yu.P. 43355
Renk, K.F. *see* Izatt, J.R. 12021
Renk, K.F. *see* Lang, P.T. 15023
Renkens, J.J.H., Kromjong, C.J. Calibration procedure of antennas on an EMC test-site 36409
Renkuan Yuan *see* Yuan Renkuan
Renn, A., Bernet, S., Spahni, H., Wild, U.P. Design of materials for molecular computing 20283
Renn, A. *see* Kohler, B. 21125
Renn, A. *see* Wild, U.P. 20279
Renn, J.C. *see* Miethig, M. 46514
Renna, M. *see* Wong, J.W. 15907
Renneisen, U. *see* Fritsch, J.P. 24204
Renner, R.C. The search and rescue communications channel—past, present and future 46127
Rennie, J., Okajima, M., Watanabe, M., Hatakoshi, G. High temperature (74°C) CW operation of 634 nm InGaAlP laser diodes utilizing a multiple quantum barrier 12174
Rennie, J. *see* Bruce, P.G. 25661
Rennie, J. *see* Onomura, M. 12234
Rennie, J. *see* Watanabe, M. 3627
Rennie, J.A. *see* Mhango, L.M.C. 8815
Renninger, R.G. Shielding against the fields from charged insulators and from electrostatic discharges 44443
Rennison, E., Finn, K., DooHyun Kim, Young-Hwan Lim Multidimensional hyperpresentations in a distributed multimedia system 37239
Rennison, E. *see* Baker, R. 13970
Renotte, Y. *see* Leclere, P. 12476
Renouf, M. *see* Berkvens, P. 6938
Renoux, D. *see* Zhou, Y. 46511
Renowden, J.D. *see* Burnham, J.T. 32441
Rensbergen, J.Van *see* Van Rensbergen, J.
Rensch, D.B. *see* Hafizi, H. 27206
Rensch, D.B. *see* Stanchina, W.E. 19799
Rensfelt, K.-G. *see* Abrahamsson, K. 15584
Rensfelt, K.-G. *see* Bagge, L. 15311
Renshaw, D. *see* Findlay, K.W.J. 13703
Renshaw, D. *see* Sutherland, K. 13746
Rensing, P. *see* Abe, K. 7260
Rensing, P. *see* Abe, K. 15619
Rensing, P. *see* Abe, K. 46930
Rensmo, H. *see* Hagfeldt, A. 33025
Rensmo, H. *see* Lindquist, S.-E. 40465
Renteln, P. *see* Hu, A. 9228
Renteria, C., Tapia-Recillas, H. Energy functions associated with error-correcting codes 12852
Rentmeister, M. *see* Zadravec, D. 16973
Rentz, A., Dorn, R., Hassis, H.-D., Wietschel, M. Assessment of Europe-wide SO_2 reduction in the framework of the second UN-ECE sulphur protocol 47706
Rentz, F. *see* Blaum, H. 25611
Rentzepis, P.M. *see* Dvornikov, A.S. 20282
Rentzepis, P.M. *see* Ford, J.E. 20245
Rentzepis, P.M. *see* Malkin, J. 21026
Rentzepis, P.M. *see* Tomov, I.V. 42358
Renxing Li *see* Li Renxing
Renyuan Tang *see* Tang Renyuan
Renz, G., Spindler, G. Sideband evolution from spontaneous into amplified emission in a free electron laser 3697
Renz, G. *see* Spindler, G. 35912
Renz, K. Efficient energy transmission 47451
Renz, K. *see* Pereira, M. 32385
Renz, R. *see* Fink, H. 25574
Renzi, V.De *see* De Renzi, V.
Renzis, G.De *see* De Renzis, G.
Renzo, N.Di *see* Di Renzo, N.
Reorda, M.Sonz *see* Sonz Reorda, M.
Reorda, M.Sonza *see* Sonza Reorda, M.
Repenning, F. *see* Doege, E. 23882
Reperant, J., Marquet, J. Knowing your electric network 47338
Repetto, M. *see* Manella, A. 4004
Repetto, M. *see* Manella, A. 25752
Repko, W. *see* De Loore, B.J.S. 23358
Repnow, R. *see* Grieser, M. 6900
Repnow, R. *see* Grieser, M. 15303
Repnow, R. *see* Kleffner, C.-M. 15524
Repnow, R. *see* von Hahn, R. 15518
Repond, J. *see* Bernstein, A. 31661
Repond, J. *see* Wang, M.-Z. 31689
Repperger, D. *see* McCloskey, K. 16104
Reppin, C. *see* Stephan, K.-H. 11808
Rericha, P. Fast transient analysis of nonlinear structures 33562
Res, R. Combined heat and power stations for Switzerland? 32737
Reschke, D., Diete, W., Fischer, B., Muller, G., Piel, H., Pouryamout, J., Roth, R.W. Investigations on superconducting 3 GHz nine-cell accelerator cavities 15509
Reschke, D. *see* Roth, R.W. 15519
Rescia, S. *see* Radeka, V. 15674
Rescia, S. *see* Radeka, V. 18494
Resende, L.S., Romano, J.M.T., Bellanger, M.G. Fast linear phase adaptive filtering using constrained least squares algorithm 21763
Resende, P. *see* Silvino, J.L. 40221
Reshef, H. *see* Sellathamby, C.V. 3729
Reshef, Y., Segall, A. Reliable multilink protocols 37503
Reshetov, E.P. *see* Buznikov, A.E. 25711
Reshetov, E.P. *see* Buznikov, A.E. 25727
Residori, S., Ramazza, P.L., Zhao, M. Dynamics of beam fanning in Cu-doped KNSBN 3821
Residori, S. *see* Pampaloni, E. 35508
Resmini, L. *see* Guarneri, R.M. 14006
Resnick, D.J. *see* Cummings, K.D. 27973
Resnick, D.J. *see* Daukshev, W.J. 26471
Resnick, P. Phone-based CSCW: tools and trials 30337
Resnick, P. *see* Virzi, R.A. 5415
Resnik, D., Aljancic, U., Vrtacnik, D., Amon, S. Surface smoothness of anisotropically etched (100) silicon 10946
Ressler, H. *see* Kirchner, D. 6291
Resta, G. *see* Bernasconi, A. 33459
Resta, G. *see* Codenotti, B. 26327
Resta, R. *see* Peressi, M. 34569
Rester, A.C. *see* Aspacher, B. 31809
Rester, A.C. *see* Aspacher, B. 31810
Restle, P.J. *see* Verdonckt-Vandebroek, S. 35007
Restrepo, A., Bovik, A.C. Locally monotonic regression 13214
Restrepo, J. *see* Dalglish, R.L. 38562
Restrepo, J. *see* McGarrity, C. 4988
Restsov, V.F. *see* Shidlovskii, A.K. 32811
Resunkov, Yu.A., Sirazetdinov, V.S., Starikov, A.D., Charukhchev, A.V. Modeling of high-energy physical processes using multipurpose laser complexes 35960
Resunkov, Yu.A. *see* Ageichik, A.A. 11956
Resurrecion, G. *see* Kahn, F.J. 6699
Resvanis, L.K. *see* Adam, W. 46929
Reth, A. *see* Hayden, W. 14574
Reti, I., Giczi, I., Muray, K. Filter matching for imaging colorimetry 15082
Reti, I. *see* Racz, M. 11814
Reti, I. *see* Racz, M. 23591
Retif, H. *see* Beugnard, A. 5646
Retinski, M.P. *see* Sergeyenko, N.M. 25753
Retinsky, M.F. *see* Sergeyenko, N.M. 25758
Retis, C.E. *see* Stone, S.J. 32702
Rettich, S. The assessment of renewable energy sources from the view point of a municipal distribution utility 32219
Rettig, T. *see* Shoemaker, R. 16633
Retzlaff, W. On board battery diagnostic and charge equalizing system (Badicheq) 48399
Retzmann, D. *see* Welsh, G. 16243
Reuben, B.S., Dholakia, K.B. On-line computer aided maintenance mangement system at the Ahmedabad Electricity Company Ltd, Sabaramati Thermal Power Station 8152
Reuben, C. *see* Andreasen, L. 37652
Reucroft, S. *see* Cushman, P. 24012
Reucroft, S. *see* Hulbert, M. 7206
Reuhman-Huisken, M., Kuijpers, R.J., Dijkstra, J., Bottiger, U., Moritz, H. Increasing the defocus latitude of a deep UV system 28015
Reuhman-Huisken, M. *see* Boettiger, U. 28016
Reuhman-Huisken, M. *see* Wittekoek, S. 2350
Reuhman-Huisken, M.E. *see* Funhoff, D.J.H. 11050
Reus, H.D. *see* Blechschmidt, H.H. 24957
Reusens, E. Sequence coding based on the fractal theory of iterated transformations systems 29940
Reusens, E. *see* Cicconi, P. 45051
Reuss, E., Teichgraber, W.-R. Complete concept for continuing education and training 26116
Reuss, R. *see* Bhattacharya, S. 11163
Reust, D.L. *see* Gross, G.W. 38947
Reuster, D., Kaye, M. A technique for determining non-integer eigenvalues for canonical analysis of boundary value problems 42130
Reuster, D., Kaye, M. Comparison of multipole and multifilament techniques 44299
Reutenauer, H. *see* Devoulon, P. 1110
Reuter, E. *see* Laufer, R. 16200
Reuter, R. *see* Bartsch, B. 24510
Reuter, R. *see* Scheffer, F. 28206
Reutz, O. *see* Dorn, R. 47707
Revankar, U.K., Sophy, K.T., Ramesh, B.V. Development of high power broadband transmitter modules for an L-band solid-state radar transmitter 30917
Revenga, P. *see* Mazo, M. 40507
Reventlow, C. *see* Muller, K. 38278
Reventlow, C.v., Muller, K., Reimers, J., Stoffers, C. Phasecorrelation chipset for TV/HDTV real time motion estimation 38303
Revenu, M. *see* Clouard, R. 5073
Revesz, A.G., Brown, G.A., Hughes, H.L. Bulk electrical conduction in the buried oxide of SIMOX structures 1964
Revin, I.D. *see* Shestopalov, V.P. 14374
Revol, F. *see* Chavanne, J. 7108
Revol, J.-L. *see* Jacob, J. 15458
Revyakin, Yu.L. *see* Neverov, V.A. 6834
Rew, C.Y., Park, S.B., Ra, J.B. Elimination of all grating lobes in ultrasonic synthetic focusing using a linear array 7669
Rexing, L.J. *see* Schroeder, D.R. 9261
Rey, C.A. *see* Weber, J.K.R. 39426
Rey, G.J. *see* Crisafulli, S. 36581
Rey, J.M. *see* March-Leuba, J. 16593
Rey, M., Tunaley, J.K.E., Sibbald, T. Use of the Dempster-Shafer algorithm for the detection of SAR ship wakes 32116
Rey-Campagnolle, M. *see* Ballon, J. 7203
Rey-Campagnolle, M. *see* Ballon, J. 31716
Rey-Campagnolle, M. *see* Ballon, J. 46910
Reyer, F. *see* Blume, D. 17620
Reyer, F. *see* Handschin, E. 47424
Reyes, A. *see* Harmony, T. 31914
Reyes, G. *see* Chao, T.-H. 35514
Reyes, G. *see* Li-Jen Cheng 24470
Reyes Poo *see* Ososanya, E.T. 44917
Reyes-Mena, A. *see* Karain, W.I. 31813

Reymann, D., Witt, T.J. International comparisons of Josephson array voltage standards 6278
Reymann, D. *see* Geneves, G. 46565
Reymond, B. *see* Li, J.M. 2537
Reyna, F.G. *see* Martin Alfonso, J.A. 43856
Reynaud, F., Boca, J. Compensation of thermally induced birefringence fluctuation of bow-tie fibres using an all-fibre Babinet compensator 11589
Reynaud, F., Delaire, E. Linear optical path modulation with $\lambda/200$ accuracy using a fibre stretcher 3052
Reynaud, R. *see* Chebira, A. 29779
Reynders, J.P. *see* Jenkinson, C.G. 35114
Reynders, J.P. *see* Lang, M.A.I. 39347
Reyne, G. *see* Benbouzid, M.E.H. 43271
Reynecke, S. *see* Swart, P.L. 2034
Reyneri, L.M. *see* Chiaberge, M. 18938
Reynes, A. *see* Simon, J. 9731
Reyneveld, K.E., Lesster, L.E. Comprehensive system simulation for EV parameter evaluation 48343
Reynolds, C., Freda, M., DiFrancesco, L. MCM-L structures, base technologies and design guidelines 9272
Reynolds, C. *see* DiFrancesco, L. 9265
Reynolds, C. *see* Freda, M. 344
Reynolds, C.L., Jr. Material and process considerations in the manufacture of GaAs electronic devices 1564
Reynolds, C.L., Jr., Iannuzzi, M.P., Vuong, H.H., Parker, S.M. Control of forward voltage in heterostructure transistors 19416
Reynolds, C.L., Jr. *see* Vuong, T.H.H. 27518
Reynolds, C.V., DiFrancesco, L. MCM-L structures: trends and applications 33380
Reynolds, D., Sims, C., Tong, L. The design of reduced order equalizers 21905
Reynolds, D.J. *see* Downie, P. 24064
Reynolds, J.S. *see* Ashley, R. 25947
Reynolds, K.Y. Design considerations for serial digital television systems 38253
Reynolds, K.Y., Rainbolt, J. Multiplexing and demultiplexing digital audio and video in today's digital environment 6211
Reynolds, L.D. Digital communications. 3. LNA/mixer ICs ease wireless receiver design 22771
Reynolds, M. *see* Wang, F.C. 42085
Reynolds, R.L., Karpala, F., Clarke, D.A., Hageniers, O.L. Theory and applications of a surface inspection technique using double-pass retroreflection 9322
Reynolds, S. *see* Main, C. 35561
Reynolds, S.K. *see* Evans, J. 39897
Reynolds, S.K. *see* Evans, J. 47765
Reynolds, S.K. *see* Smart, C.J. 41470
Reynolds, T. *see* Dudley, J.J. 28819
Reynolds, T. *see* Dudley, J.J. 43830
Reynolds, T. *see* Mar, A. 43914
Reynolds, T. *see* Tauber, D.A. 43857
Reynolds, T.E. *see* Nagarajan, R. 3607
Reynolds, T.E. *see* Wenbin Jiang 20804
Reynoso, A. *see* Mendieta, F.J. 14667
Reza Mehrabi, M., Brown, R.A. An incomplete nested dissection algorithm for parallel direct solution of finite element discretizations of partial differential equations 18091
Reza Taherian, M. *see* White, R. 6735
Rezazadeh, A.A. *see* Ahmad, T. 2461
Rezazadeh, A.A. *see* Bashar, S.A. 43632
Rezazadeh, A.A. *see* Matin, M.A. 35837
Rezic, A., Valkovic, Z. Additional losses in overlapping area of transformer core 43317
Rezlescu, E. *see* Rezlescu, N. 2803
Rezlescu, N., Rezlescu, E. The influence of Fe substitutions by R ions in a Ni-Zn ferrite 2803
Reznik, A. *see* Popov, M. 21934
Reznik, A.N. *see* Abramov, V.I. 44554
Reznik, A.N. *see* Kotov, A.K. 2886
Reznikov, B.I., Tsarenkov, G.V. Inversion of an electric field near the illuminated anode of a metal-semiconductor-metal diode 10785
Reznikov, G.V. *see* Vydai, A.V. 26191
Reznikov, Yu.A. *see* Berenberg, V.A. 3224
Rezny, M., Trimarchi, E. A block cipher method using combinations of different methods under the control of the user key 21577
Rezos, J.T. *see* Vesely, W.E. 39718
Rezunkov, Yu.A. *see* Sherstobitov, V.E. 21056
Rezvaya, I.V. *see* Gordonov, A.N. 14403
Rezvov, V.A. *see* Mikhailov, V.G. 46793
Rezvov, Yu.G. *see* Borshchan, V.S. 2744
Rezwan Khan, Md. *see* Bashir Uddin, Md. 8371
Rezzonico, L. *see* Schryber, U. 6907
Rezzoug, N. *see* Mbow, B. 3308
Rezzoug, N. *see* Mbow, B. 46429
Rezzouk, J. *see* Benhamou, P. 37350
Rha Sa Kyun *see* Sa Kyun Rha
Rhagavendran, A. *see* Peterkin, F.E. 28625
Rhee, F.Chung-Hoon *see* Chung-Hoon Rhee, F.
Rhee, G.van *see* van Rhee, G.
Rhee, K.W. *see* Dobisz, E.A. 2319
Rhee, K.W. *see* Dobisz, E.A. 11038
Rhee, K.W. *see* Gupta, N. 27314
Rhee, M.J. *see* Weidman, D.J. 21190
Rhee, M.Y. Research activities on cryptology in Korea 12974
Rhee, N.H., Hari, V. On the global and cubic convergence of a quasi-cyclic Jacobi method 26358
Rhee, U.-S., Caulfield, H.J., Shamir, J., Vikram, C.S., Mirsalehi, Mir.M. Characteristics of the Du Pont photopolymer for angularly multiplexed page-oriented holographic memories 3921
Rhee Man Young *see* Man Young Rhee
Rheenen, A.D.van *see* van Rheenen, A.D.
Rhein, D. Logic model of a generalized self-electro-optic effect device and its applications to system simulations 11756
Rhein, D. *see* Wachlowski, A.J. 20489
Rheinbaben, H.V. *see* Hoffmann, E. 24992
Rheinboldt, W.C. *see* Rabier, P.J. 41182
Rhim Won-Kyu *see* Won-Kyu Rhim
Rhines, D. *see* Liu, Q. 22112
Rho Daeseok *see* Daeseok Rho
Rhoades, B.K. *see* Gross, G.W. 38947
Rhoades, M. *see* Burnham, R. 20715
Rhodabarger, D., Kendall, S. A boiler feed pump turbine hydraulic control retrofit project, implementation, and operating experience 39906
Rhodes, C.W. Transmitter linearity considerations for digital TV broadcasting 46189
Rhodes, D.L. *see* Moosbrugger, P.J. 26098
Rhodes, I. *see* Quegan, S. 38166
Rhodes, M.A. *see* Swegle, J.A. 34484
Rhodes, R. *see* Nguyen, L. 1526
Rhodes, R.A. *see* Matloubian, M. 1503
Rhodes, R.A. *see* Matloubian, M. 42211
Rhodes, R.L. *see* Wardak, A.A. 34106
Rhodes, W. *see* Innes, L. 32553
Ri-Yao Chen *see* Chen Ri-Yao
Riabko, A. *see* Huang, H. 23976
Riad, A.S., El-Shabasy, M., Abdel-Latif, R.M. DC electrical measurements and temperature dependence of the Schottky-barrier capacitance on thin films of β-MgPc dispersed in polycarbonate 1942
Riad, S.M. *see* Hayes, M.B. 23544
Riad, S.M. *see* He, J. 4202
Riad, S.M. *see* Wansheng Su 34215
Riahi, G.H. *see* Adibi, A. 16451
Rialland, J.F. *see* Andriamifidy, J.L. 8341
Rialland, J.F. *see* Peuro, E. 32873
Riant, I., Bousselet, P., Sansonetti, P., Garabedian, P., Beylat, J.L. 20% pump power saving using photoinduced intracore fibre Bragg grating in erbium doped fibre amplifier 35717
Riaz Umar *see* Umar Riaz
Riaziat, M.L. Practical LEOS application—applying gradient-index microlenses 3280
Riaziat, M.L., Virshup, G.F., Eckstein, J.N. Optical wavelength shifting by traveling-wave electrooptic modulation 11688
Ribani, P.L. *see* Borghi, C.A. 25784
Ribani, P.L. *see* Borghi, C.A. 25787
Ribani, P.L. *see* Lia, G.M.A. 25329
Ribardiere, P., Reineix, A., Jecko, B. RCS reduction of a conducting cone cylinder using an active method 38147
Ribas, L., Riera, J., Perez, J.M., Saiz, J., Carrabina, J., Tere, L. Automatic pattern generation for the electrical characterization of digital modules 19947
Ribas-Corbera, J., Sklansky, J. Interframe interpolation of cinematic sequences 29803
Ribayrol, A. *see* Haidoux, A. 9567
Ribbe, T. *see* Larsson, S.A. 15744
Ribbecke, H.D. *see* Hermle, F. 40985
Ribbens, C.J. *see* McQuain, W.D. 41573
Ribbing, C.G. Reststrahlen material bilayers: an option for tailoring in the infrared 3291
Ribbum, B. *see* George, A. 14272
Ribbum, B. *see* Jang, Y.K. 4551
Ribeiro, A.B.L., Jackson, D.A. Low coherence fiber optic system for remote sensors illuminated by a 1.3 μm multimode laser diode 3080
Ribeiro, A.B.L. *see* Okhotnikov, O.G. 3551
Ribeiro, G.M., Lambert-Torres, G., Costa, C.I.A., Do, X.D. Automatic substation configuration system—an approach using knowledge based system 40380
Ribeiro, G.M. *see* Lambert-Torres, G. 32266
Ribeiro, M.A. Optimal bit-level synchronization strategy for digital magnetic recorders 14855
Ribeiro, P.F., Rogers, D.A. Integrated use of computer software in electrical engineering education 961
Ribeiro, R. *see* Angelini, F. 46951
Ribeiro, R. *see* Di Mauro, A. 46917
Ribeiro, R. *see* DiMauro, A. 31744
Ribeiro, R. *see* DiMauro, A. 46939
Ribeiro, R.R.P. *see* Nogueira, M.F.M. 25248
Ribeiro, R.S. *see* Braem, A. 46902
Ribickis, L., Liepins, M., Rutmanis, L., Stabulnieks, J. Alternative solution of direct frequency conversion for AC drives 17079
Ribitzki, G. *see* Ulrich, A. 20591
Ribitzki, G. *see* Ulrich, A. 20602
Ribitzki, G. *see* Wieser, J. 20644
Riblet, G.P. A compact ring-style 8-port comparator circuit using coupled lines 23157
Ricard, B. *see* Porcheron, M. 32544
Ricardi, L.J. *see* Iversen, P.O. 44590
Ricardo, A. *see* Neuenschwander, R.T. 15533
Ricca, G.Della *see* Della Ricca, G.
Ricca, T.L. *see* Alber, G.M. 7288
Riccadonna, X. *see* Bertsch, Y. 31760
Riccardi, F. *see* Artamonov, A. 31697
Riccardi, F. *see* Buontempo, S. 31696
Riccardi, G. *see* Fratti, M. 44762
Riccati, L. *see* Amendola, G. 15300
Ricci, A.R. *see* Guerrero, T.M. 15739
Ricci, G. *see* Conte, E. 44873
Ricci, G. *see* Conte, E. 46061
Ricci, G.B. The MEG in evaluation of generalized epilepsy 31885
Ricci, K. *see* Bekefi, G. 43698
Ricci, M. *see* Bocciolini, M. 24082
Ricci, R. *see* Amendola, G. 15300
Ricci, R. *see* Bruno, L. 25347
Ricciardi, S. *see* Buontempo, S. 31696
Riccio, M.L., Belina, J.C. A versatile design method of fast, linear-phase FIR filtering systems for electrocardiogram acquisition and analysis systems 15877
Riccio, T. *see* Spencer, T. 41917
Ricco, B. *see* Abramo, A. 19327
Ricco, B. *see* Dalpasso, M. 2663
Ricco, B. *see* Dalpasso, M. 18555
Ricco, B. *see* Favalli, M. 2689
Ricco, B. *see* Favalli, M. 33947
Ricco, B. *see* Lanzoni, M. 41899
Ricco, B. *see* Metra, C. 11312
Riccobene, C., Wachutka, G., Burgler, J., Baltes, H. Operating principle of dual collector magnetotransistors studied by two-dimensional simulation 34928
Riccomi, A. Image compression 30005
Rice, A. *see* Zhang, X.-C. 28986
Rice, B.F., Wilhoyte, M.E. Probability of error versus SNR for random data in an AC-coupled baseband receiver 23083
Rice, C. Further applications of laser systems in post solder inspection for surface mounted devices 9246
Rice, C. Techniques to achieve linear amplification at HF 9983
Rice, D. *see* Kuga, Y. 21240
Rice, J. *see* Motowidlo, L. 32436
Rice, M., McLean, A., Goerke, T. Development of a mobilesat mobile terminal baseband processor 45881
Rice, M. *see* Cowley, W.G. 37748
Rice, M.J., Jr. *see* Cale, T.S. 824
Rice, P. *see* Chen, S. 42222
Rice, P. *see* Ho, T. 1582
Rice, R.A. *see* Burdge, G. 3215
Rice, R.A. *see* Curlander, J.C. 2934
Rice, S.S. ILL-list conspectus 30492
Rice, T.R. *see* Alouani, A.T. 44908
Rice, T.R. *see* Gray, J.E. 13378
Rice, T.R. *see* Helmick, R.E. 23497
Rice, T.R. *see* Helmick, R.E. 32164
Rich, A. *see* Drozd, A. 44414
Rich, C.E. *see* Plaessmann, H. 20695
Rich, D.H., Rammohan, K., Tang, Y., Lin, H.T., Maserjian, J., Grunthaner, F.J., Larsson, A., Borenstain, S.I. Ambipolar diffusion anisotropy induced by defects in nipi-doped $In_{0.2}Ga_{0.8}As/GaAs$ multiple quantum wells 34559
Rich, J.C. *see* Harper, M.J. 7269
Richard, C.J., Hergault, S., Hardy, P., Bonneau, E., Lequeux, R., Prioul, H., Basle, S. Transmission and distribution of a multichannel AM-VSB TV signal on a single mode optical fibre for CATV videocommunication networks 38327
Richard, E. *see* de Murcia, M. 10670
Richard, G., d'Alessandro, C., Grau, S. Unvoiced speech analysis and synthesis using Poissonian random formant-wave-functions 13114
Richard, G. *see* d'Alessandro, C. 13082
Richard, J., Lepage, F., Veron, M. Improvement of quality production by control loop in a flexible manufacturing cell 284
Richard, J. *see* Kleider, J.P. 34993
Richard, J. *see* Le Roy, I. 30899
Richard, J. *see* Rolland, A. 19830
Richard, J. *see* Rolland, A. 28181
Richard, J.-L., Mollard, J. La Rochelle's electric vehicles promotion strategy 48295
Richard, J.-P. *see* Hamilton, J.J. 3705
Richard, J.S., Cudney, H.H. Modeling multiple layer piezoelectric actuators in active structural control 20075
Richard, M.A., Bhasin, K.B., Claspy, P.C. Superconducting microstrip antennas: an experimental comparison of two feeding methods 4348
Richard, P. *see* Lecomte, R. 15737
Richard, T.A., Chen, E.I., Sugg, A.R., Hofler, G.E., Holonyak, N., Jr. High current density carbon-doped strained-layer $GaAs(p^+)$-$InGaAs(n^+)$-$GaAs(n^+)p$-n tunnel diodes 28084
Richard, T.A. *see* Hess, K. 2419
Richard, W.D. *see* Rosenbaum, F.J. 1308
Richards, A. New mini-OTDR from Tektronix 35401
Richards, A., Ginige, T., Seneviratne, A., Buczkowska, T., Fry, M. DARTS—a dynamically adaptable transport service suitable for high speed networks 14166
Richards, A., Seneviratne, A., Fry, M., Buczkowska, T. A case for adaptive protocol implementations 37125
Richards, B., Borthwick, D. Submarine cable systems 45741

Richards, B.P., Burton, P., Footner, P.K. The effects of ultrasonic cleaning on device degradation—quartz crystal devices 2735
Richards, B.P., Footner, P.K., Burton, P., Prichard, D.J. The technical options for replacing CFCs for cleaning electronic assemblies 27374
Richards, D. A new concept in modular motor drive systems 8859
Richards, D., DiGiulio, E. Film-to-video transfers: time for a change 45266
Richards, D., DiGiulio, E. Results of a new receiver overscan survey 46195
Richards, D.A. *see* Obrenovitch, T.P. 7425
Richards, D.W. *see* Alam, S.K. 7398
Richards, G.G., Yang, H. Distribution system harmonic worst case design using a genetic algorithm 24846
Richards, G.W. Extended generalized shuffle networks 20463
Richards, G.W. *see* Cloonan, F.J. 43679
Richards, H.D. *see* Elleby, P. 10803
Richards, J. *see* Casasent, D. 20437
Richards, J.B. *see* Van Wonterghem, B.M. 35946
Richards, K.M., Hall, D.O., Brown, K.A., Maryan, P.S. Prospects for biopower 25117
Richards, K.S. *see* Amin, M.H.G. 7637
Richards, L. A cellular look at cable topologies 23327
Richards, P.C., Wijffels, J.-B., Zuideveld, P.L. Clean and efficient power generation with the Shell Coal Gasification Process 40028
Richards, P.L. *see* Verghese, S. 6494
Richards, P.L. *see* Verghese, S. 35263
Richards, S., Sims, F., Epperson, J.F., Vijaya kumar, B.V.K., Mahalanobis, A. Synthetic discriminant functions using relaxed constraints 30112
Richards, W.J. *see* Johnson, W.R. 40440
Richards, W.R. *see* El-Nesr, S. 16555
Richardson, A.M. *see* Bratt, A.H. 28272
Richardson, A.M.D. *see* Harvey, R.J.A. 27095
Richardson, A.O., Blake, T.D. A performance evaluation of the Motorola DSP 56000 for real-time FIR filter implementations in the audio band 1320
Richardson, A.O. *see* Nugent, G. 18880
Richardson, D. A factor in your future 26130
Richardson, D., Mauney, T. GPS-based mapping for electric utilities 24934
Richardson, D.J. *see* Grudinin, A.B. 3561
Richardson, D.J. *see* Khrushchev, I.Yu. 28799
Richardson, D.J. *see* Laming, R.I. 38005
Richardson, D.J. *see* Payne, D.N. 30838
Richardson, E.F. *see* Korber, M.L. 1535
Richardson, H. *see* Blostein, S. 29849
Richardson, H.S. *see* Blostein, S.D. 36876
Richardson, J. *see* Lazarus, M.J. 34921
Richardson, J.A. MultiLIS: 21 years in the making 22597
Richardson, J.R. *see* Atherton, J.S. 1547
Richardson, J.R. *see* Budilnir, D. 27165
Richardson, J.R. *see* Walters, P.C. 1545
Richardson, M., Silfvast, W.T., Bender, H.A., Hanzo, A., Yanovsky, V.P., Feng Jin, Thorpe, J. Characterization and control of laser plasma flux parameters for soft-X-ray projection lithography 27811
Richardson, M. *see* Beaud, P. 3487
Richardson, M.B. A transputer-based control system for large industrial excimer lasers 35691
Richardson, P. Integrating network and operations—a TINA perspective 30552
Richardson, P. Image restoration using vector classified adaptive filtering 36832
Richardson, P. *see* Sikora, T. 29913
Richardson, R. *see* Metzger, R. 7502
Richardson, W. *see* Horowitz, M. 33939
Riche, A. *see* Bossart, R. 7139
Riche, A. *see* Bossart, R. 38811
Riche, N. *see* Delahaye, J.P. 38809
Richetta, M. *see* Petrocelli, G. 21001
Richey, K. Plant condition monitoring 16746
Richie, S.M. *see* Garrity, M.E. 7664
Richie, S.M. *see* Sakairi, N. 7667
Richier, R., Pelletier, E. Single-mode couplers through end coatings on optical fibers 3021
Richman, G. *see* O'Flaherty, M. 14431
Richman, P. Selecting MOVs for power mains surge suppression in equipment 47571
Richman, R.H., McNaughton, W.P., Maasberg, J.A. Investigation of high-concentration photovoltaic cell packages after three years field service 8758
Richmond, D. *see* Marcoux, P.P. 379
Richmond, D. *see* Marcoux, P.P. 33375
Richmond, G.L. *see* Wong, E.K.L. 3860
Richmond, I.M. The "Virtual Language Lab": remote foreign-language learning through digitized speech technology 36590
Richmond, S. *see* Davis, C. 11301
Richmond, T. *see* Dammer, U. 28348
Richmond, W. *see* Bamborough, K.M. 25332
Richstein, J.K., Fouts, D.J., Pieper, R.J., Poon, T.-C. A CMOS VLSI IC for real-time opto-electronic two-dimensional histogram generation 41957
Richstein, J.K. *see* Pieper, R.J. 46339
Richter, A., Lang, W., Steiner, P., Kozlowski, F., Sandmaier, H. Visible electroluminescence of porous silicon devices with a solid state contact 28662
Richter, A. *see* Auerhammer, J. 43978
Richter, A. *see* Genz, H. 15271
Richter, B., Schmidt, W., Tanner, K. Protection against high energy surges with MO-surge arresters: a new concept for low voltage systems 47573
Richter, B. *see* Tittelbach, G. 11660
Richter, C. *see* Shields, P. 5404
Richter, D. *see* Moeck, H. 46630
Richter, E. Application of processes for SO_2 and NO_x removal in the Federal Republic of Germany 16639
Richter, H. Solar cells on the basis of thin polycrystalline CdSe films: Investigations of MIS and pn heterostructures 48133
Richter, H. *see* Kissinger, G. 19490
Richter, H. *see* Kuhne, H. 41428
Richter, H.J. Media requirements and recording physics for high density magnetic recording 2838
Richter, H.J. An approach to recording on tilted media 2839
Richter, I. *see* Grunnet-Jepsen, A. 20293
Richter, I. *see* Kaczmarek, M. 29016
Richter, K. *see* Beck, T. 20333
Richter, K. *see* Weiss, D. 42530
Richter, K.L. *see* Elford, R.F. 24987
Richter, K.R. Co-operation between industry and universities: examples from the IGTE in Austria [EM field studies] 3969
Richter, K.R. *see* Biro, O. 3980
Richter, K.R. *see* Biro, O. 3991
Richter, M. *see* Hanson, E. 37243
Richter, P. *see* Barocsi, A. 11717
Richter, P. *see* Szarvas, G. 11670
Richter, R., Kirtley, K.B. Automated visual inspection of flip chip interconnects 445
Richter, R., Kittel, A., Pyragas, K., Parisi, J. Stochastic resonance at the onset of finite-amplitude oscillations in semiconductor breakdown 42396
Richter, S. *see* Bach, C. 30295
Richter, W. *see* Jonsson, J. 41360
Richter-Sand, R. *see* Hacker, F. 27422
Rickard, D.C. *see* Wales, S.W. 4104
Rickards, J. *see* Falcony, C. 9720
Ricken, C. *see* Fechter, F. 46217
Ricker, J.B. Optimizing your coupling for efficient performance 48169
Ricketts, D. *see* Moffett, M.B. 20053
Ricketts, T. *see* Ramsey, J. 37322
Rickey, D.W. *see* Ryan, L.K. 7408
Rickman, R.M., Stonham, T.J. Image retrieval from large databases using a neural network coding scheme 22205
Rickman, V.Ju. *see* Aitov, N.L. 25757
Ricks, R.L., Chatterjee, S. Existence and uniqueness of motion parameters in active ranging 30893
Rico, M. *see* Alonso, J.M. 17588
Rico, M. *see* Nuno, F. 145
Ricotti, L.P. *see* Martinelli, G. 5014
Ridao, F.P. *see* Carrasco, J.M. 8562
Ridder, A. *see* Garrison, R.F. 23922
Ridder, D.de *see* de Ridder, D.
Ridder, J.-J.De *see* De Ridder, J.-J.
Ridder, R.M.de *see* de Ridder, R.M.
Riddle, A.N. *see* Bilbro, G.L. 1519
Riddle, K.A. Automatic synchronizing of mill power system circuit breakers 9046
Rideout, W., Powazinik, W., LaCourse, J. Photonic integrated circuits for wide bandwidth avionic systems 39281
Rideout, W. *see* Zou, Y. 20835
Rideout, W.C. *see* Zou, Y. 12111
Rider, W. *see* Buksa, J. 24444
Ridgway, M.C. Rapid thermal annealing of InP implanted with group IV elements 27636
Ridgway, M.C. *see* Ellingboe, S.L. 10863
Ridgway, M.C. *see* Pearton, S.J. 2095
Ridgway, R.W. *see* Boiarski, A.A. 6612
Ridi, N. *see* Fontana, F. 43813
Ridler, N. Improved RF calibration techniques for network analyzers and reflectometers 14866
Ridler, N., Medley, J. New technique checks accuracy of impedance measurements 31132
Ridler, N.M. New VHF impedance measuring instrument for UK national standard 31379
Ridley, B.K. *see* Daniels, M.E. 19379
Ridley, B.K. *see* LeTran, T.T. 42484
Ridley, G.K. El CID application phenomena 8286
Ridley, R. Power supply modeling, control, and simulation 47968
Ridley, R. *see* Fuld, B. 8591
Ridley, R.B. *see* Choi, B. 33877
Ridley, R.B. *see* Tang, W. 40311
Ridley, R.K. *see* Rajan, V.S.V. 15247
Ridolfo, F., Harmon, D., Scarola, K. The Nuplex 80+ Advanced Control Complex from ABB Combustion Engineering 16499
Ridpath, I. *see* Webster, S. 1297
Riecan, B., Vrabelova, M. On the Kurzweil integral for functions with values in ordered spaces. II 9481
Riechert, H. *see* Rosenberger, M. 35866
Rieck, A. *see* Larsson, C.U.S. 31806
Rieck, S. *see* Kuhn, T. 13136
Rieckmann, C. *see* Jostingmeier, A. 1455
Riede, R. *see* Wach, K. 24169
Riedel, F., Stossel, Z. A fail-safe sensor for flame detection 15007
Riedel, H., Wagner, P., Biewald, H. Conductor joining and connection technique in cable installations of the East Germany electricity supply undertakings 16324
Riedel, H. *see* Biewald, H. 16323
Riedel, K.S. Optimal databased complex demodulation for evolutionary spectra 13344
Riedel, P. *see* Oswald, B.R. 47535
Riedel, P. *see* Rothe, H. 46480
Riedel, R.B., Coffin, J.S., Prokoski, F.J. Forensic uses of infrared video 6567
Riedel, R.B. *see* Coffin, J.S. 5809
Riedel, R.B. *see* Prokoski, F.J. 4962
Riedel, R.B. *see* Prokoski, F.J. 7365
Rieder, W. *see* Frohlich, K. 8701
Riederer, S.J. *see* Butts, K. 31898
Riedijk, F.R., Huijsing, J.H. A smart balanced thermal pyranometer using a sigma-delta A-to-D converter for direct communication with microcontrollers 6306
Riedlberger, J. *see* Eichenberger, S. 38928
Riedler, W. *see* Witternigg, N. 4097
Riedmuller, J. *see* Bolz, A. 24345
Riefenstahl, U., Kuhne, S., Kroll, R. A new torque calculator for axial winders with AC motor drives 17623
Riege, H. *see* Courtois, L. 6931
Riege, H. *see* Gundel, H. 38803
Riege, H. *see* Kowalewicz, R. 15411
Riege, M.W., Wolter, S., Anheier, W. PLA test pattern generation with orthogonal transform 10090
Riegel, M. *see* Gratsch, B. 37634
Rieger, D.J. *see* Bartram, M.E. 11022
Rieger, D.J. *see* Shul, R.J. 27770
Rieger, J. *see* Stegmuller, B. 3609
Rieger, J. *see* Wolf, T. 20766
Rieger, J.H. Computing view graphs of algebraic surfaces 18039
Rieger, J.L., Birch, K.N. Eliminating noise from mV-level signals 23494
Riehl, G. *see* Weis, T. 23981
Riek, J.K. *see* Smith, W.E. 39024
Rieke, S. *see* Fuhrer, O. 40459
Riekert, W.-F. *see* Gunther, O. 32119
Riel, P. *see* Kiesel, P. 35492
Riemenschneider, R. *see* Hashizume, T. 42709
Riemer, D.E. *see* Fitzsimmons, G.W. 29371
Riemer, M. *see* Schubert, R. 15770
Rienen, U.van *see* van Rienen, U.
Riensche, E., Fedders, H. A parameter study on SOFC plant operation for combined heat and power generation 16736
Riepe, M.A., Sakallah, K.A. Delay-accurate compiled-code synchronous gate-level Verilog simulation 972
Riera, J. *see* Ribas, L. 19947
Riera-Franco de Sarabia, E., Ramos-Fernandez, A., Rodriguez-Lopez, F. Temporal evolution of transient transverse beam profiles in near-field zones 24538
Ries, M.D., Banks, D.R., Watson, D.P., Hoebener, K.G. Attachment of solder ball connect (SBC) packages to circuit cards 34386
Ries, M.J. *see* Caracci, S.J. 3631
Ries, S. Reconstruction of real and analytic bandpass signals from a finite number of samples 21731
Riese, M. *see* Raja, P. 30473
Rieseberg, H. *see* Martens, K. 46914
Rieseberg, H. *see* Siebert, H.-W. 46896
Riesterer, T. Fine pitch wire bonding: exploring the technologies 34463
Riesz, F. Comments on "Misorientation in GaAs on Si grown by migration-enhanced epitaxy" 9521
Riesz, F., Varrio, J., Pesek, A., Lischka, K. Correlation between initial growth planarity and epilayer tilting in the vicinal GaAs/Si system 33600
Riet, M. *see* Plouchart, J.O. 27273
Riet, M. *see* Plouchart, J.O. 42216
Riet, M. *see* Wang, H. 2447
Rietdorf, T. *see* Genz, H. 15271
Rietman, E., Lory, E.R. Use of neural networks in modeling semiconductor manufacturing processes: an example for plasma etch modeling 34696
Rietschel, H. High-T_c superconductivity: present status of applications 11525
Rietschel, H. High-T_c superconductivity: present status of fundamental research and applications 20171
Rietveld, M.T. *see* Kimura, I. 47250
Riewe, L.C. *see* Fleetwood, D.M. 34977
Riezenman, M.J. Electric vehicles 40509
Rifaat, R.M. Protection scheme considerations for common generator bus configurations used in cogeneration plants 32668
Rifaat, R.M. Applications of common generator bus configuration in mid size cogeneration plants 32669
Rifardi, A. *see* Sacchi, J.N.L. 40285
Rife, H. MOU and MOA often overlooked tools for concurrent engineering 9198

Riff, E.J., Mitra, S., Baker, M.C. Pediatric fiber-optic video bronchoscopy: the use of computer interfacing 6254
Riff, R. *see* Bachelet, B. 45715
Riffon, P. *see* Beauchemin, R. 25565
Riffon, P. *see* Johansson, L. 25492
Riffont, A., Monseu, P. New control-command concept for electrical stations 25215
Rifi, M. *see* Poudroux, C. 44480
Rifkin, J. *see* Ruth, R.D. 46776
Rifkin, R. Analysis of CFAR performance in Weibull clutter 46036
Rifkind, J.M. *see* Suter, J.J. 7243
Rifuggiato, D. *see* Migneco, E. 7144
Rigal, J.-M. *see* Jacob, J. 15458
Rigato, V. *see* Calabrese, R. 38804
Rigaud, B., Shi, Y., Chauveau, N., Morucci, J.P. Experimental acquisition system for impedance tomography with active electrode approach 31961
Rigaud, D. *see* Hoffmann, A. 19809
Rigaud, D. *see* Rolland, M. 1928
Rigaud, D. *see* Valenza, M. 20018
Rigaud, D. *see* Vandamme, L.K.J. 19807
Rigby, G.A. *see* Xu, Y.-P. 6490
Rigby, G.P. *see* Wright, J.D. 6626
Rigden, G.J. *see* Perala, R.A. 36252
Riggi, C. *see* Borland, J.O. 34703
Riggs, H.R. *see* Tessler, A. 26385
Riggs, L.S., Gothard, G.K., German, F.J., Chandler, C. Transmission line matrix (TLM) modeling of a stepped-septum square-waveguide polarizer 44521
Riggs, R.S. *see* Krause, J.T. 35414
Righi, M., Mongiardo, M., Sorrentino, R., Hoefer, W.J.R. Efficient TLM diakoptics for separable structures 4191
Righini, G.C. Progress in glass optoelectronics 2928
Righini, R. *see* Banfi, G.P. 3775
Righini, R. *see* Banfi, G.P. 3779
Righini, R. *see* Danielius, R. 20985
Riginos, V.E. *see* Fullett, K.D. 7520
Riginos, V.E. *see* Fullett, K.D. 7535
Rignot, E.J., Ostro, S.J., van Zyl, J.J., Jezek, K.C. Unusual radar echoes from the Greenland ice sheet 14682
Rignot, E.J.M., van Zyl, J.J. Change detection techniques for ERS-1 SAR data 24460
Rigo, C. *see* Arena, C. 9638
Rigo, C. *see* Campi, D. 23056
Rigo, C. *see* Campi, D. 35454
Rigo, C. *see* Campi, D. 35494
Rigo, R. *see* Sztrik, J. 5279
Rigo, S. *see* Grosman, A. 34770
Rigo, S. *see* Morazzani, V. 34771
Rigolio, G. *see* Fratta, L. 45288
Rigoll, G. Maximum mutual information neural networks for hybrid connectionist-HMM speech recognition systems 36622
Riha, G. *see* Dill, R. 30630
Riihola, P. *see* Keinonen, T. 3937
Riihola, P. *see* Peiponen, K.-E. 6800
Riis, C. *see* Muller, J. 5283
Riishoj, J. 2.5 Gb/s laser-driver GaAS IC 9935
Rijavec, N. *see* Poore, A.B. 4756
Rijavec, N. *see* Poore, A.B. 29640
Rijavec, N. *see* Poore, A.B. 29641
Rijckaert, A.M.A. *see* de With, P.H.N. 38287
Rijk, G.de *see* de Rijk, G.
Rijken, H.A., Klein, S.S., Ligthart, W.C.M., de Voigt, M.J.A., Burger, P. Resistivity variations in ion implanted silicon detectors 7185
Rijnders, A.J.H.M. *see* Terpstra, D. 2905
Rijns, J.J.F. 54 MHz switched-capacitor video channel equaliser 23284
Rikalo, I. *see* Kezunovic, M. 47610
Rikken, G.L.J.A. Wavelength-uncritical second-harmonic generation in multilayer waveguides 21312
Rikken, G.L.J.A. *see* Pulsford, N.J. 19755
Rikken, G.L.J.A. *see* Pulsford, N.J. 34599
Rikkonen, T., Aurola, T., Partanen, J. An intelligent text-based information management system for safety regulations 32190
Riklin, A. *see* Willner, I. 46521
Rikman, V.Yu. *see* Bazarov, G.P. 48146
Rikte, S. *see* Kristensson, G. 4079
Rikukawa, H. *see* Ueno, T. 12240
Riley, D. *see* Marvin, A. 4325
Riley, D.R. *see* Haupt, S.G. 28400
Riley, G. *see* Estes, R. 371
Riley, J.L., Gray, D.A. Towed array shape estimation using Kalman filters—experimental investigations 44890
Riley, J.L. *see* Steele, A.K. 44880
Riley, J.T. *see* Caffrey, R.T. 32032
Riley, K., Thimsen, D. Texas-New Mexico Power Company—operation of two 160 MWe CFB boilers 32638
Riley, K. *see* Wade, V. 14034
Riley, K.J. *see* Bowman, S.R. 3492
Riley, K.J. *see* Bowman, S.R. 20727
Riley, N.G. *see* Darnell, M. 45749
Riley, P.E., Defonseka, B.N., Sum, J.C., Figueredo, D. Reactor characterization for a process to etch Si_3N_4 formed on thin SiO_2 10923
Riley, R.C. *see* Ballad, J.P. 8589
Riley, S., Taylor, M. The UK generation market 16213
Riley, S.P., Greenwood, Z.D., Gurr, H.S., Kropp, W.R., Price, L.R., Reines, F., Sobel, H.W. A low-background detector for observing the disintegration of the deuteron by reactor antineutrinos 7217
Riley, T.J., Gyurcsik, R.S. Rapid Thermal Processor Modeling, control, and design for temperature uniformity 1999
Riley, W.J. *see* Vanier, J. 23764
Riley, W.J. *see* Vig, J.R. 20100
Rillo, C. *see* Camon, A. 6277
Rilly, G. Microcontroller and power: experience over ten years 18491
Rim, M., Jain, R. Lower-bound performance estimation for the high-level synthesis scheduling problem 41590
Rim, M. *see* Mujumdar, A. 41729
Rim Jo Byeong *see* Byeong Rim Jo
Rim Kyung-Hwa *see* Kyung-Hwa Rim
Rimai, L., Ager, R., Logothetis, E.M., Weber, W.H., Hangas, J. Characterization of silicon carbide thin films deposited by laser ablation on [001] and [111] silicon wafers 864
Rimatori, C. *see* Ferretti, G.F. 15883
Rimet, R. *see* Mounier, E. 3123
Rimini, E. Basic aspects of ion implantation 10828
Rimini, E. *see* Raineri, V. 10830
Rimmelspacher, J. *see* Mylonas, J. 39915
Rimmer, R., Goldberg, D., Lambertson, G., Voelker, F., Ko, K., Kroll, N., Pendleton, R., Schwarz, H., Adams, F., De Jong, M. Higher order mode damping studies on the PEP-II B-factory RF cavity 15511
Rimmer, R.A. RF cavity development for the PEP-II *B* factory 6994
Rimmer, R.A., Burke, J.J. Electromagnetic modelling of the PEP-II RF cavity using the 3D finite element code MSC/EMAS 46741
Rimoldi, B. Successive refinement of information: characterization of the achievable rates 44646
Rimondi, O. *see* Gambaccini, M. 15796
Rimpo, C. Power control in mixed voltage (3.3/5 volt) notebook systems 26682
Rimrott, F.P.J. *see* Zhou You-He 38480
Rimshans, Ya.S. *see* Abashkina, S.A. 3326
Rinaldi, M. *see* Barchesi, C. 1052
Rinaldi, N. Modeling of minority-carrier transport in nonuniformly doped silicon regions with asymptotic expansions 34495
Rinaldi, P. *see* Barberis, E. 46846
Rinaldi, P. *see* Ziock, H.-J. 46885
Rinalducci, E.J., Uliano, K. Visual cues and potential problems in flight simulation 24397
Rinaldy *see* Rahman, S. 24718
Rinas, U. *see* Rudolph, P. 33582
Rinaudo, G. *see* Lacquaniti, V. 7187
Rinck, A., Wagner, K.C., Russer, P. Bulk wave radiation by group-type-unidirectional-transducers 7665
Rinckel, T. *see* Ross, M.A. 31615
Rindall, B.D. *see* Harris, E.L. 32440
Rinderer, L. *see* Castro, H. 20176
Rinehart, L.F. *see* Clark, R.S. 44468
Ring, T. *see* Berkvens, P. 6938
Ring, T. *see* Quinn, P.D. 15454
Ring, W.S. Examination of intervalence band absorption and its reduction by strain in 1.55 μm compressively strained InGaAs/InP laser diodes 35833
Ring, W.S., Henry, M.O., Whiteaway, J.E.A., Armistead, C.J. Insight into optical gain effects in InGaAs/InP multiple quantum well laser diodes observed by uniaxial stress 35864
Ringach, D.L., Baram, Y. A diffusion mechanism for obstacle detection from size-change information 36989
Ringeis, W. *see* Bilger, H. 47668
Ringenbach, K. *see* Jacobs, R. 39774
Ringle, M. *see* Salokatve, A. 12146
Ringle, M. *see* Salokatve, A. 20767
Ringle, M.D. *see* Grillo, D.C. 28811
Ringling, J., Kittelmann, O., Noack, F., Korn, G., Squier, J. Tunable femtosecond pulses in the near vacuum ultraviolet generated by frequency conversion of amplified Ti:sapphire laser pulses 12387
Ringrose, R. *see* Padamsee, H. 15428
Rinieri, M. *see* Capineri, L. 24547
Rinkunas, R. *see* Montrimas, E. 15171
Rinn, K. Application of an absolute pattern placement measuring tool for wafer metrology 28049
Rinn, K. *see* Mickan, U. 15209
Rinn, K. *see* Trube, J. 26940
Rinolfi, L. *see* Delahaye, J.P. 38809
Rinolfi, L. *see* Kester, O. 7137
Rinous, P. *see* Benedicto, J. 37739
Rinous, P. *see* Garcia, Q. 36420
Rinous, P. *see* Rastrilla, P. 22822
Rintamaa, R. *see* Torronen, K. 16500
Rintanen, K. *see* Koskinen, K. 13383
Rio, A.del *see* del Rio, A.
Rio, E.Del *see* Del Rio, E.
Rio, L.Diez del *see* Diez del Rio, L.
Rio, M.Chevalier Del *see* Chevalier Del Rio, M.
Rioboo, R. *see* Ligatsikas, Z. 33514
Riordan, V., Zhu, Q. Informed edge linking using a directional potential function 4994
Rios, A., Kabuka, M.R. A high performance adaptive image compression system using a generative neural network: DynAmic Neural Network II (DANN II) 4842
Rios, R. *see* Abeles, J.H. 20863
Riou, F. *see* Simon, J.C. 28810
Rioual, P., Pouliquen, H., Louis, J.P. Control of a PWM rectifier in the unbalanced state by robust voltage regulation 8656
Rioul, O. A discrete-time multiresolution theory 4618
Rioul, O. Simple, optimal regularity estimates for wavelets 13461
Rioul, O. Regular wavelets: a discrete-time approach 45255
Rioux, M. *see* Livingstone, F.R. 36088
Rioux, M. *see* Paquet, E. 22093
Rioux-Damidau, F., Bandelier, B. Perturbation of a static magnetic field by a thin shell ferromagnetic device 44234
Ripamonti, G., Castoldi, A., Gatti, E. Multiple delay line shaping: a new class of weighting functions suitable for digital signal processing 34161
Ripamonti, S. *see* Alberico, G. 46163
Riper, K.A.Van *see* Van Riper, K.A.
Riphagen, I. *see* Hanrahan, H.E. 14314
Ripka, P. *see* Primdahl, F. 46415
Ripken, G., Karantzoulis, E. Cavity phase noise in proton storage rings and its influence on coupled synchro-betatron oscillations 6982
Ripken, G. *see* Barber, D.P. 31578
Ripley, D. *see* Weber, R.J. 19044
Ripley, P. *see* Harrison, R.G. 44125
Ripoche, G., Peyre, J.-L., Lambert, M., Mottet, S. High speed (⩾6 GHz) InGaAs/InP avalanche photodiodes grown by gas source molecular beam epitaxy with a thin quaternary grading layer for high bit rate (⩾5 Gbit/s) systems 3331
Ripoll, C., Nilsen, S. A very accurate 0-90° monolithic analog phase shifter for L-band mobile communications 27302
Ripper, A.P. *see* Cavalcanti, E.S.C. 24989
Ripper, B. *see* Hinzen, H. 1978
Rippert, E.D., Lomatch, S., Ketterson, J.B., Song, S.N., Wang, H.C., Maglic, S.R. Multilayered Josephson transmission line based photon counting detector with ultra-high temporal and high spatial resolution 23603
Rippstein, R.P. *see* Silverman, J.P. 6948
Rippstein, R.P. *see* Silverman, J.P. 27989
Riris, H. *see* Cooper, D.E. 24220
Ris, H.R. Reactive power compensation. I 7857
Ris, H.R. EIB -Bus European Installation Bus I. New dimensions in electrical installation 7946
Ris, H.R. Reactive power compensation. II 32282
Ris, H.R. Solar energy generates 100 kilowatts along railway tracks 32800
Ris, H.R. Ecological aspects of electric motor drives 33098
Ris, H.R. Prospects for electric automobiles 33107
Ris, H.R. Saving of power consumed by electric illumination, as a result of passive infra-red movement detectors 33141
Ris, H.R. Digital controller for fluorescent lamps 33144
Ris, H.R. Energy saving with fluorescent lamps 40642
Ris, H.R. Sodium-xenon lamp has selectable colour temperature 48456
Risatti, R. *see* Rapi, A. 42264
Risby, M. MiniDisc—what? why? how? 46266
Risebig, M. *see* Crain, J.C. 5612
Riseman, E.M. *see* Draper, B.A. 29754
Rishton, S. *see* Ferrera, J. 27909
Rishton, S. *see* Mii, Y. 43122
Rishton, S.A., Lee, Y.H., Milkove, K.R., Hong, J.M., Boegli, V., DeFranza, M., Sivan, U., Kern, D.P. Integrated approach to quantum dot fabrication 27550
Rishton, S.A., Mii, Y.J., Kern, D.P., Taur, Y., Lee, K.Y., Lii, T., Jenkins, K., Quinlan, D., Brown, Jr., T., Danner, D., Sewell, F., Polcari, M. High performance sub-0.1 μm silicon *n*-metal-oxide-semiconductor transistors with composite metal/polysilicon gates 28164
Rishton, S.A. *see* Angelopoulos, M. 27959
Rishton, S.A. *see* Zaslavsky, A. 43028
Risino, A. *see* McGrail, A. 28312
Risk, I.C., Gay, M., Anderson, J. Location and inspection with range data: LAIRD—IED project 1551 13827
Risk, W.P., Kozlovsky, W.J., Lau, S.D., Bona, G.L., Jaeckel, H., Webb, D.J. Generation of 425-nm light by waveguide frequency doubling of a GaAlAs laser diode in an extended-cavity configuration 12220
Risk, W.P., Lau, S.D., Fontana, R., Lane, L., Nadler, C. Type-II second-harmonic generation and sum-frequency mixing in uniform $KTiOPO_4$ channel waveguides 3832
Risk, W.P., Lau, S.D., Kurdi, B.N. Dielectric overlayer for polarization discrimination in KTP channel waveguides 11673
Riskiev, T.T., Sokolova, Yu.B., Streltsov, A.A. Complex investigation of optical and thermophysical properties of materials on thermal radiation stands 33761

Riskin, E.A. *see* Cohn, D. 36988
Riskin, E.A. *see* Cosman, P.C. 13500
Riskin, E.A. *see* Effros, M. 45189
Riskin, E.A. *see* Perlmutter, S.M. 31855
Rissanen, J. *see* Salmi, M. 22808
Rissanen, P., Jauhiainen, M. Planner support in selecting investments for distribution networks 39586
Risselada, T. *see* Guo, Z. 7021
Risser, R.J., Haslund, C.A., Bolger, J.G. Inductive charging of electric vehicles: testing and evaluation of an automated system 48398
Risset, C.-A. A complete basis of evanescent plane waves 21222
Rissmiller, P. *see* Kronenberg, M.L. 17167
Risso, L., Stedman, S.J., Vicenzi, B., Saggese, A. Plastic shaping of ceramic superconducting discs 26524
Ristein, J. *see* Gertkemper, Th. 42680
Ristic, B. *see* Boashash, B. 13422
Ristic, G., Golubovic, S., Pejovic, M. *p*MOS transistors for dosimetric application 2518
Ristic, G., Golubovic, S., Pejovic, M. pMOS dosimeter with two-layer gate oxide operated at zero and negative bias 34970
Ristic, G. *see* Pejovic, M. 11211
Ristic, G. *see* Pejovic, M. 19850
Ristic, L. *see* Paranjape, M. 46356
Ristic, L. *see* Paranjape, M. 46358
Ristic, S. *see* Pavlovic, Z. 2544
Ristic, V.M. *see* Woolven, S. 21919
Ristich, B. *see* Boashash, B. 4731
Ristich, B. *see* Boashash, B. 13305
Ristich, B. *see* Boashash, B. 36729
Ristori, L. *see* Amendolia, S.R. 18746
Ristori, L. *see* Amidei, D. 46890
Ristori, L. *see* Bedeschi, F. 38912
Ristori, L. *see* Tkaczyk, S. 46989
Ristow, G.H. *see* Batrouni, G.G. 34320
Ristow, M.Ladle *see* Ladle Ristow, M.
Ristuccia, C. *see* Picardi, G. 23132
Rita, R. *see* De Cesare, G. 31298
Ritcey, J.A. *see* Amindavar, H. 44860
Ritcey, J.A. *see* Amindavar, H. 44861
Ritcey, J.A. *see* Wen, Q. 30863
Ritchie, B. *see* Bicarregui, J. 30215
Ritchie, D.A. *see* Brown, K.M. 28211
Ritchie, D.A. *see* Brown, M. 42521
Ritchie, D.A. *see* Burroughes, J.H. 11233
Ritchie, D.A. *see* Churchill, A.C. 2572
Ritchie, D.A. *see* Daniels, M.E. 19379
Ritchie, D.A. *see* Dzurak, A.S. 1878
Ritchie, D.A. *see* Ford, C.J.B. 27512
Ritchie, D.A. *see* Liang, C.-T. 42527
Ritchie, D.A. *see* Simpson, P.J. 10712
Ritchie, D.A. *see* Smith, C.G. 42534
Ritchie, D.A. *see* Tewordt, M. 42525
Ritchie, D.A. *see* Thompson, J.H. 2017
Ritchie, E. *see* Alvsten, B. 148
Ritchie, E. *see* Blaabjerg, F. 16854
Ritchie, E. *see* Christiansen, H.C. 40826
Ritchie, E. *see* Xiaolan Deng 40210
Ritchie, H. The effects of interaction mode on participation and interaction frequency during televised instruction with two-way audio 30966
Ritchie, J. *see* Vokey, D. 5926
Ritchie, J.E. *see* Curtis, C.L. 19274
Ritchie, K. *see* Pathak, V. 18832
Ritchie, S. *see* Neufeld, G.W. 5472
Ritchings, R.T. *see* Wang, M.S. 13736
Rith, K. *see* Barber, D.P. 31578
Rittenmyer, K.M. Electrostrictive ceramics for underwater transducer applications 35138
Ritter, D., Hamm, R.A., Panish, M.B., Geva, M. Beryllium δ doping studies in InP and $Ga_{0.47}In_{0.53}As$ during metalorganic molecular beam epitaxy 2053
Ritter, D. *see* Feygenson, A. 10475
Ritter, D. *see* Hausler, G. 23695
Ritter, D. *see* Temkin, H. 18232
Ritter, G. *see* Bach, R. 7952
Ritter, H.-J. *see* Dewald, N. 16197
Ritter, J. *see* Berg, H. 16656
Ritter, J. *see* Henderson, L. 39242
Ritter, J.E., Jr. *see* Cuellar, E. 2987
Ritter, J.E., Jr. *see* Cuellar, E. 35366
Ritter, R. *see* Kauff, P. 30984
Ritter, R.C. *see* Gillies, G.T. 47114
Ritter, R.D. "...And we were tired": fatigue and aircrew errors 39131
Ritter, R.D. Pilot error in automated systems shown by altitude deviation reports 39249
Ritter, W. *see* Paar, U. 3048
Rittmaster, R. *see* Djennas, F. 388
Rittweger, M. *see* Becks, T. 42230
Rittweger, M. *see* Kumpel, W. 27168
Rittweger, M. *see* Kunisch, J. 1493
Ritz, H. *see* Sanyal, A. 8125
Ritz, K.N. *see* Day, M.E. 10943
Ritz, S. *see* Bernstein, A. 31661
Ritz, S. *see* Wang, M.-Z. 31689
Rius, J.M., Ferrando, M., Jofre, L. High-frequency RCS of complex radar targets in real-time 30918
Rius, J.M., Lozano, A., Cardama, A. RCS of engine inlets by a spectral iterative technique 30871
Rius, J.M., Vall-llossera, M., Jofre, L. Multiple reflections and improvement of edge scattering in GRECO RCS prediction code 30873
Rius, J.M. *see* Abad, J. 29083
Rius, J.M. *see* Broquetas, A. 7360
Riva, C. *see* Papadas, C. 27595
Riva, C. *see* Pavan, P. 18724
Riva, G. *see* Falciasecca, G. 45872
Riva, G. *see* Frullone, M. 22896
Riva, G. *see* Frullone, M. 45869
Rivard, W.G., Smith, M.J.S., Stone, G., James, D. A 1.2 μm CMOS differential I/O system capable of 400 Mbps transmission rates 18899
Rivas, F. *see* Catedra, M.F. 30872
Rivenzon, D. *see* Willner, I. 46521
Rivera, D.J. An *S*-band solid-state transmitter for airport surveillance radars 23192
Rivera, G., Canestrari, P. Process induced wafer distortion: measurement and effects on overlay in stepper based advanced lithography 2369
Rivera, J.F., Ferrero, R.W. The influence of considering the temporal correlation of the inflows in the optimal operation program calculated through stochastic dynamic programming 16130
Rivera, J.F., Ferrero, R.W. Auxiliary procedure to reduce the stochastic dynamic programming calculation time in the long term optimal scheduling of hydrothermal systems 32371
Rivera, L. *see* Nino, F. 39354
Rivera, R. *see* Tella, R. 42300
Rivera, T., Ladan, F.R., Izrael, A., Azoulay, R., Kuszelewicz, R., Oudar, J.L. Reduced threshold all-optical bistability in etched quantum well microresonators 35963
Rivera, T. *see* Levenson, J.A. 20986
Rivera-Colon, R., Reddy, S.P., Lindquist, C.S. Adaptive filter design for estimation and detection of biological signals: an application to electroencephalography 31953
Rivero Gutierrez, T. *see* Baers, L.B. 25155
Rivers, A.W. *see* Ghisoni, M. 1921
Rivers, A.W. *see* Zouganeli, P. 28513
Rivers, L.J. *see* Lealman, I.F. 37978
Rivers, M. *see* Charlton, C. 1125
Rivers, M. *see* Korevaar, E. 6046
Rives, G. *see* Lavest, J.-M. 4801
Rivest, J.-F., Soille, P., Beucher, S. Morphological gradients 21975
Rivest, J.-M. *see* Gour, N. 16564
Rivest, R.L. Cryptography and machine learning 12892
Rivest, R.L. On NIST's proposed digital signature standard 12898
Rivest, R.L. *see* Denning, D. 5390
Rivest, R.L. *see* Imai, H. *(editor)* 9146
Rivetta, C. *see* Abbott, B. 7245
Rivetta, C. *see* Clark, E. 24010
Rivetti, G. *see* Marchi, M. 47823
Riviere, J.M. *see* Robert, M. 6397
Riviere, M. *see* Sueur, B. 30954
Rivkin, L.Z. *see* Abela, R. 15388
Rivkin, P.D. Signal processing of infra-red dual-band data 29841
Rivlin, E., Huang, L. Relative depth for behavior based recognition 22177
Rivoallan, L., Vassallo, C. High performance wavelength filters with tapered fibers 28588
Rivoallan, L. *see* Ibrahim, H. 3547
Rivoir, R. *see* Bonati, B. 2521
Rivoire, G. *see* Er-rhaimini, S. 22039
Rivoli, G. *see* Curioni, A. 32644
Rivoli, T. *see* Davis, C. 11301
Rivoltella, G. *see* Acerbi, E. 15541
Rivtis, A. *see* Zubatov, N. 25807
Riwen Wang *see* Wang Riwen
Rix, H. *see* Thakor, N.V. 31934
Rix, P., Onno, G., Paul, J.L., Le Meur, J.P. The Alcatel 1000 AX ATM switch in the Brehat network 45714
Riyopoulos, S. Nonsingular linear theory for stimulated microwave emission in crossed-field devices 1803
Riyopoulos, S. Spectral width limits in 'single mode' free electron lasers 43986
Riz, F.T. *see* Zanuy, M.F. 13819
Riza, N.A., Polla, D.L. Micromechanical fiber-optic switches for optical networks 5683
Rizgyalis, M. *see* Girdauskas, V. 44123
Rizk, F.A.M. Critical switching impulse strength of phase-to-phase air insulation 24977
Rizk, M.R.M., Saleh, M.B., Aboulsoud, A.K., El-Sherif, A.Y. A new analytical model of GaAs MESFET's: DC and sensitivity analysis 11258
Rizkalla, M.E., Gundrum, H.C. Design of analog CMOS integrated circuits input stage for the operation at zero temperature coefficient using PSPICE 9990
Rizkalla, M.E., Gundrum, H.C., Kara, M.T. A microprocessor-based dynamic inductance/capacitance meter 15119
Rizkalla, M.E., Kara, M.T. Computer simulation for the design of high performance, high-T_c, superconducting thin film switches 11550
Rizkalla, M.E. *see* Brown, D.A. 14213
Rizq, N.N., Lindquist, C.S. Design of minimum MSE detection matrix filters 21914
Rizvi, S.A., Nasrabadi, N.M. Predictive vector quantizer using constrained optimization 36968
Rizvi, S.A. *see* Nasrabadi, N.M. 30077
Rizzato, F.B. *see* Pakter, R. 10628
Rizzi, D. *see* Autiero, D. 15629
Rizzi, G. Management of measuring systems for high voltage tests with impulse voltages 46285
Rizzi, M. *see* Armenise, M.N. 11763
Rizzi, M. *see* Castagnolo, B. 3277
Rizzi, M. *see* Castagnolo, B. 3788
Rizzi, M. *see* Castagnolo, B. 14562
Rizzi, M. *see* Castagnolo, B. 37998
Rizzi, V. *see* Massarotti, A. 15459
Rizzo, F. *see* Campajola, L. 46877
Rizzo, L. Using transputers in a TCP/IP environment: the PCserver approach 14114
Rizzo, P.A., Gatti, E. Equivalent noise charge reduction by insertion of a matching transformer with leakage inductance between detector and input device of front-end electronics 46995
Rizzo, S.P. *see* Teoh, H.B. 17872
Rizzoli, R. *see* Demichelis, F. 27495
Rizzoli, R. *see* Demichelis, F. 28604
Rizzoli, R. *see* Summonte, C. 8746
Rizzoli, V., Costanzo, A., Cecchetti, C. Numerical optimization of microwave oscillators and VCOs 1536
Rizzoli, V., Costanzo, A., Cecchetti, C. Nonlinear design of multiple-cavity switchable dielectric-resonator oscillators 10452
Rizzoli, V., Costanzo, A., Neri, A. Automatic generation of the solution path of a parametrized nonlinear circuit in the presence of turning points 41619
Rizzoli, V., Lipparini, A., Costanzo, A., Frontini, V. Three-dimensional computation of the thermal parameters of multiple-gate power FETs 28196
Rizzoli, V., Mastri, F., Masotti, D. A general-purpose harmonic-balance approach to the computation of near-carrier noise in free-running microwave oscillators 1520
Rizzoli, V., Mastri, F., Masotti, D., Neri, A. Full nonlinear analysis of near-carrier noise in discriminator-stabilized microwave oscillators 19020
Rizzoli, V. *see* Berceli, T. 27293
Rizzotto, G.G. *see* Lo Presti, M. 10187
Rjeb, A. *see* Muscat, A.J. 27681
Ro, J.S., Thompson, C.V., Melngailis, J. Mechanism of ion beam induced deposition of gold 41411
Ro, R. *see* Varadan, V.V. 46578
Ro Jeong-Rae *see* Jeong-Rae Ro
Ro Jung Ki *see* Ki Ro Jung
Ro Sung Tack *see* Sung Tack Ro
Ro Tae-Soek *see* Tae-Soek Ro
Roach, D. *see* Liu, G. 9953
Roach, G.F. *see* Kleinman, R.E. 4089
Roach, M.W. Improved control technique for fast output charging of a boost DC-DC converter 41666
Roas, B. *see* Patzelt, T. 1500
Rob, R.A., Jewell, W.T. Computer based harmonic simulation and testing for transformer differential relay 16470
Rob, R.A., Jewell, W.T., Teshome, A. Computer based harmonic simulation and testing for protective relays 25052
Rob, R.A., Jewell, W.T., Teshome, A. Harmonic testing for optimho distance relay 47563
Rob, R.A. *see* Jewell, W.T. 16471
Robach, Ch. *see* Aktouf, Ch. 6308
Robb, F.Y., Terry, L.E., Robb, S.P. Thin film polysilicon transistors for power applications 28185
Robb, J. *see* Jordan, K. 15295
Robb, S.P. *see* Robb, F.Y. 28185
Robbins, D.H., Jr., Reddy, J.N. Modeling of actuators in laminated composite structures 35181
Robbins, D.J. *see* Stanaway, M.B. 46439
Robbins, M.S., Roy, T., Hedges, S.J., Holmes-Siedle, A., McKemey, A.K., Watts, S.J. Quality control and monitoring of radiation damage in charge coupled devices at the Stanford Linear Collider 38864
Robbins, R.E. *see* Gandhi, M.S. 1716
Robbins, W., Benton, D.J. Darlington Unit 2 return to service program 8109
Robbins, W.P. *see* Polla, D.L. 11410
Robello, D.R. *see* Beecher, J.E. 28960
Robels, U. *see* Arlt, G. 35146
Roberge, D. *see* Lessard, R.A. 11728
Roberge, M.Denariez *see* Denariez Roberge, M.
Roberge, P.R., Farahani, M., Tomantschger, K., Oran, E. Electrochemical characterization of flat-plate rechargeable alkaline manganese dioxide-zinc cells 25646
Roberge, P.R., Sosin, K.A. Battery information system for avionics 32041
Roberson, C.W., Hafizi, B. Effects of longitudinal beam compression in a free-electron laser 35913
Robert, A. Connection of harmonic producing installations in AC high-voltage networks with particular reference to HVDC: guide for limiting harmonic voltage effects 24667
Robert, A., Marquet, J. Connection of distorting loads—an international study 24622
Robert, B., Bazban, T., Papiernik, A. Patch antenna integrates a low-noise AMP 4322
Robert, B. *see* Razban, T. 36375
Robert, C. *see* Beaudin, G. 23251
Robert, C.P. Prior Feedback: Bayesian tools for maximum likelihood estimation 17991
Robert, E. *see* Brendel, R. 20088
Robert, H. *see* Bideux, L. 1947

Robert, J.L., Bruyere, J.-C., Pinard, P. Silicon, a basic material for microtechnologies 42406
Robert, J.P. *see* Aleksan, R. 31759
Robert, J.P. *see* Aleksan, R. 46903
Robert, J.P. *see* le Bart, M. 25606
Robert, L. *see* da Fonseca, R.J.M. 18327
Robert, L. *see* Doghmane, A. 42822
Robert, M., Paindavoine, M., Gorria, P. An edge detection ASIC for real time defect detection 17952
Robert, M., Riviere, J.M., Noizette, J.L., Hermann, F. Smart sensors in flexible manufacturing systems 6397
Robert, M. *see* Coll, P. 1118
Robert, M. *see* Deschacht, D. 10092
Robert, M. *see* Moraes, F. 19989
Robert, P. *see* Coffman, E.G., Jr. 36451
Robert, P. *see* Durana, M. 6375
Robert, T. *see* Gleizes, A. 17100
Robert, V. *see* Joly, J.P. 19495
Robertazzi, R.P., Rylov, S.V. Synchronous flux quantizing analog-to-digital-converter 27010
Roberti, J. Mechanized laying technics used at EDF-GDF SERVICES Clermont-Ferrand 47556
Roberti, L., Perona, G. Ground clutter removal and data coding in radar meteorological maps 39384
Roberto, V. Distributed artificial intelligence techniques in image interpretation 13791
Roberto, V. *see* Contento, G. 15787
Roberts, A. Measurement of display transfer characteristic (gamma, γ) 30962
Roberts, A., von Bibra, M.L., Gemund, H.-P., Kreysa, E. Thick grids with circular apertures: a comparison of theoretical and experimental performance 42170
Roberts, A. *see* Butler, D.J. 43394
Roberts, A. *see* Grajew, G. 37613
Roberts, A.D., Wise, T., Haeberli, W. Polarized H or D target for experiments on the Indiana Cooler: development of the atomic beam source 31587
Roberts, A.D. *see* Ross, M.A. 31615
Roberts, A.D. *see* Wise, T. 15588
Roberts, B. Real-time implementation of a passive ranging algorithm 24424
Roberts, B. *see* Woods, T. 45044
Roberts, C.A. *see* Pirrie, C.A. 48011
Roberts, C.I., Peters, M. Standardisation of serial diagnostics 48435
Roberts, C.W. *see* Henderson, G.N. 20905
Roberts, D., Peterson, B., Koseluk, B. TRMM VIRS: a design for low radiation space environments 47275
Roberts, D.A., Roberts, G.E. On the four-frequency measurement process for coupled dual resonator crystals 23838
Roberts, D.A. *see* Norman, J.A.T. 41483
Roberts, D.A. *see* Parsons, J.D. 41310
Roberts, D.G., Lloyd, M.S., Mainwaring, S.P. Low smoke and fume cables with enhanced fire performance, resistance to moisture and mechanical properties 16365
Roberts, D.G. *see* Banks, V.A.A. 16349
Roberts, D.G. *see* Banks, V.A.A. 24961
Roberts, D.G. *see* Bloy, A.W. 8249
Roberts, D.G. *see* Calton, P. 16344
Roberts, D.J. *see* Kiran, A.S. 33325
Roberts, D.R. *see* Cuellar, E. 2987
Roberts, D.R. *see* Cuellar, E. 3065
Roberts, D.R. *see* Cuellar, E. 35366
Roberts, D.R. *see* Kennedy, M.T. 2994
Roberts, E., Petkovic, M. The infrared Focal Plane Array of the Along Track Scanning Radiometer; assembly, integration and test 46431
Roberts, G., Lloyd, S. Implications of teaching image processing without reference to computer vision 13842
Roberts, G.E. *see* Roberts, D.A. 23838
Roberts, G.V. *see* Turner, J. 24925
Roberts, G.W. *see* Crawley, P.J. 42093
Roberts, G.W. *see* Toner, M.F. 10242
Roberts, H. *see* Merkel, G. 34490
Roberts, H. *see* Miller, R.B. 34489
Roberts, I. *see* Benedicto, J. 37739
Roberts, J., Wang, F. Dielectric relaxation in water over the frequency range $13 \leqslant f \leqslant 18$ GHz using a resonant microwave cavity operating in the TM_{010} mode 38649
Roberts, J. *see* Barnham, K. 25692
Roberts, J.C.H. *see* Foster, B. 31714
Roberts, J.E. *see* Douglas, J., Jr. 26372
Roberts, J.E. *see* Johnson, Z.W. 39310
Roberts, J.S., Button, C.C., Chew, A. The incorporation of oxygen into InAlAs, the role of trimethylindium (TMI) 26455
Roberts, J.S. *see* David, J.P.R. 43633
Roberts, J.S. *see* Ghisoni, M. 1921
Roberts, J.S. *see* Gontijo, I. 28828
Roberts, J.S. *see* Matin, M.A. 35837
Roberts, J.S. *see* Nelson, J. 11833
Roberts, J.S. *see* Pettersson, H. 19369
Roberts, J.S. *see* Pettersson, H. 19378
Roberts, J.S. *see* Whitbread, N.D. 12371
Roberts, J.S. *see* Williams, K.A. 35838
Roberts, J.S. *see* Yow, H.K. 28105
Roberts, J.S. *see* Zouganeli, P. 28513
Roberts, J.W. Queueing models for variable bit rate traffic streams 5218
Roberts, K.H. *see* Haber, S.B. 39834
Roberts, L.G. ATM overview 45273
Roberts, L.N. *see* Bursh, T.P., Jr. 22856
Roberts, M.J. *see* Martin, M.Z. 31504
Roberts, N.C. *see* Hall, T.J. 11905
Roberts, N.C. *see* Russ, K.B. 11794
Roberts, P.C.T. *see* Barber, H.B. 15748
Roberts, P.D. *see* Augustin, P. 16627
Roberts, P.D. *see* Davies, D.A.O. 5975
Roberts, R. *see* Chao, S.-C. 14227
Roberts, R. *see* Stefanakos, E. 48289
Roberts, S. *see* Wade, V. 14034
Roberts, T. *see* Brown, M. 37859
Roberts, T. *see* Scott, J.F. 43153
Robertson, A., Bonk, D., Horazak, D., Newby, R., Rehmat, A. Second-generation pressurized fluidized bed combustion plants for electric power generation 8163
Robertson, A., Ferguson, A.I. Synchronously pumped all-solid-state lithium triborate optical parametric oscillator in a ring configuration 28981
Robertson, A. *see* Hall, G.J. 20978
Robertson, A.S. *see* Wolowodiuk, W. 39970
Robertson, B., Godsalve, C., Taghizadeh, M.R. Dichromated gelatin holography: an investigation into laser-induced damage 21113
Robertson, B. *see* Walker, A.C. 11904
Robertson, D. *see* Dunlop, J. 22910
Robertson, D.A., Smith, G.M., Lesurf, J.C.G., Couch, N.R., Kearney, M.J. Semi-chaotic pulse effects in self-modulating Gunn oscillators 42207
Robertson, D.E. Training the factory worker preparing for the year 2000 33274
Robertson, D.H., Cain, G.B. Conesville Unit 4 controls and monitoring upgrade steam power plant 32733
Robertson, D.M., Carroll, J.R. Cashing in on video-conferencing 45652
Robertson, D.W. *see* Johnston, W.E. 37467
Robertson, E. *see* Holden, P.B. 28691
Robertson, G. *see* Kirlin, R.L. 12600
Robertson, G. *see* Withers, D.E. 3852
Robertson, G.J. Non-geostationary satellites for personal communications systems 30695
Robertson, G.R.J. *see* Todd, D.A. 3076
Robertson, I. *see* Lin, Q. 1642
Robertson, I. *see* Sanchez-Hernandez, D. 4270
Robertson, I. *see* Sanchez-Hernandez, D. 29310
Robertson, I.D. A monolithic 35 GHz back-face patch antenna using multi-layer techniques 29359
Robertson, I.D., Aghvami, A.H. A novel reflectometer using a wideband monolithic active unilateral 4-port junction 31398
Robertson, I.D., Herath, R., Gillick, M., Bharj, J. Solid state power amplifier using impedance-transforming branch-line couplers for L-band satellite systems 27215
Robertson, I.D. *see* Bayar, E. 19132
Robertson, I.D. *see* Brewster, B.D. 10419
Robertson, I.D. *see* Brewster, B.D. 34219
Robertson, I.D. *see* Gillick, M. 1588
Robertson, I.D. *see* Gillick, M. 21358
Robertson, I.D. *see* Gillick, M. 27294
Robertson, I.D. *see* Karacaoglu, U. 29330
Robertson, I.D. *see* Karacaoglu, U. 42215
Robertson, I.D. *see* Lucyszyn, S. 27269
Robertson, I.D. *see* Soghomonian, M.S. 10487
Robertson, I.D. *see* Soghomonian, M.S. 10490
Robertson, I.M. *see* Cockerill, T.M. 43853
Robertson, J.D. *see* Davids, C.N. 24115
Robertson, J.S. *see* Smith, A.J. 4130
Robertson, M. *see* Maier, M. 31783
Robertson, M. *see* Maier, M.R. 31781
Robertson, M.J. *see* Burton, J.D. 12195
Robertson, M.J. *see* Sherlock, G. 28489
Robertson, N., Seymour, P.D. Graph minors. XI. Circuits on a surface 41069
Robertson, R. *see* Khan, I. 16541
Robertson, R. *see* Stanley, R. 37767
Robertson, R.N. *see* Asato, K.T. 31991
Robertson, S.A., Stevenson, T., Holwill, R.J., Hansen, S.G., Hurditch, R.J., Thirsk, M., Daraktchiev, I.S. The simulation of spray/puddle resist development 11062
Robertson, S.A. *see* Hansen, S.G. 11086
Robertson, S.V., Katehi, L.P., Rebeiz, G.M. A folded-slot quasi-optical planar balanced mixer 27291
Robey, M., West, G., Venkatesh, S. On the determination of all useful object features for 3D objects using physical models 4964
Robichez, S. *see* Le Mene, C. 32026
Robin, D., Forest, E., Pellegrini, C., Amiry, A. Quasi-isochronous storage rings 6895
Robin, G. The European perspective for telecommunication standards 37204
Robin, M., Poulin, M. Performance evaluation and acceptance testing of bit-serial digital video equipment and systems at the CBC 23293
Robin, P. *see* Dubois, J.-C. 43182
Robin Ying *see* Miao-Li Pai 5284
Robinet, M. *see* DeChiaro, L.F. 43867
Robinet, M. *see* Orsal, B. 20841
Robinett, L.K. *see* Edwards, R.N. 21447
Robins, G. *see* Boese, K.D. 19936
Robins, G. *see* Cong, J. 9900
Robins, I. Drift effects in transition metal gate MOS and MISFETs [gas sensors] 6670
Robinson, A. Experiences with forward error correction for optically amplified submarine systems 38063
Robinson, A.L., Mo, J.-H. Applications of microelectronics and microfabrication to ultrasound imaging systems 16059
Robinson, A.L. *see* Seip, R. 15902
Robinson, A.M. *see* Haswell, P. 1021
Robinson, A.M. *see* Vermeulen, F.E. 43468
Robinson, A.W. *see* Parker, J.L., Jr. 34429
Robinson, B.S. *see* Katseff, H.P. 22546
Robinson, D. The OPAL trigger system 38931
Robinson, D. *see* Chen, R.T. 3100
Robinson, D. *see* Chen, R.T. 20343
Robinson, D. *see* Chen, R.T. 43778
Robinson, D.A., Dewey, K.F., Heim, R.R., Jr. Global snow cover monitoring: an update 32082
Robinson, D.G. Extension of bond graphs to probability distribution functions 26302
Robinson, D.I. *see* Turner, J.T. 6417
Robinson, D.L., Papageorge, M., Naito, C. A new epoxy based liquid encapsulant with performance comparable to mold compounds 9282
Robinson, D.L. *see* Higgins, L.M., III 9271
Robinson, D.P. *see* Wells, P. 22959
Robinson, E. *see* Whittaker, S. 31070
Robinson, E.D. Demand-side management includes electric transportation 8897
Robinson, E.K. *see* Drozd, A. 44414
Robinson, E.R. *see* Carter, G.C. 44876
Robinson, G. Low-frequency loss spectra and ageing in paper-insulated cables 16371
Robinson, G. *see* Jacobs, R. 39774
Robinson, G. *see* Simmons, H.R. 47623
Robinson, G.A., Attridge, J.W., Deacon, J.K., Thomson, A.M., Love, C.A., Whiteley, S., Pugh, M., Daniels, P.B. The calibration of an optical immunosensor—the FCFD 46520
Robinson, G.P. *see* Hill, D.L.G. 15774
Robinson, G.Y. *see* Chen, C.W. 20566
Robinson, G.Y. *see* Kim, J.W. 20370
Robinson, G.Y. *see* Prasad, M. 42488
Robinson, G.Y. *see* Yih-Guei Wey 43638
Robinson, H.G., Deal, M.D., Stevenson, D.A., Jones, K.S. Correlation of dislocation loop formation and time dependent diffusion of implanted p-type dopants in gallium arsenide 2041
Robinson, H.G. *see* Deal, M.D. 27637
Robinson, H.G. *see* Jones, K.S. 2042
Robinson, H.G. *see* Jones, K.S. 27479
Robinson, H.G. *see* Waltman, S. 6302
Robinson, J. Compatibility of power delivery and voltage sensitive equipment 9013
Robinson, J.D., Ferlic, D., Kotula, F., Ferlic, L., Geise, R.A., Amplatz, K. Improved mammography with a reduced radiation dose 7363
Robinson, M. *see* Godber, S.X. 36916
Robinson, M. *see* Male, H. 39187
Robinson, M.D. *see* Fitzpatrick, A.R. 32449
Robinson, M.G. *see* Poon, P.C.H. 20470
Robinson, M.J. *see* Howes, R. 43129
Robinson, M.L. *see* Filaseta, M. 26351
Robinson, M.P. *see* Johnson, R.H. 7338
Robinson, M.P. *see* Preece, A.W. 7366
Robinson, M.T., von Ramm, O.T. Real-time angular scatter imaging system for improved tissue contrast in diagnostic ultrasound images 39014
Robinson, R. *see* Bonifield, T. 34658
Robinson, R.E.E. Synthesising facial movement: data capture 5135
Robinson, R.L. *see* Cormier, T.M. 24114
Robinson, R.L. *see* Cormier, T.M. 24116
Robinson, R.N. *see* Mason, B.R. 6200
Robinson, R.S., Tarascon, J.M. Hydrogen sulfide and sulfur dioxide evolution from a valve-regulated lead/acid battery 48086
Robinson, S. *see* Bergmann, R. 18191
Robinson, S. *see* Zheng, G.F. 40494
Robinson, S.J. *see* Joshi, P.K. 7209
Robinson, T., Friedmann, H. Standardizing transmission quality measurements 14013
Robinson, T.R. Simulation of convection flow estimation errors in VHF bistatic auroral radar systems 47244
Robinzon, R., Motovilov, D., Mangoubi, S., Ben-David, E. Infrared scene generator for a flight motion simulator 32159
Robisch, O. *see* Durschinger, M. 36089
Robison, P., Zarakas, P. Enhancing control room operations through computer networking and integration at Consolidated Edison 32246
Robison, P.G., Dean, M.S. Combining unloaded and loaded board testing 19196
Robitaille, L. *see* Callender, C.L. 12353
Robla, J.I. *see* Gutierrez, F.J. 6636
Robla, J.I. *see* Gutierrez, F.J. 6661
Robledo, M. *see* Herzberger, A. 37250
Robles, J.E. *see* Napolitano, L.M., Jr. 328
Robles, J.E. *see* Napolitano, L.M., Jr. 9937
Roblin, M.L., Joubert, C., Coic, H., Grousson, R., Gires, F. Optical phase conjugation by degenerate four-wave mixing: spatial and temporal aspects 28983
Robmann, P. *see* Eichenberger, S. 38928
Robohm, A. *see* Adam, W. 7259
Robohm, A. *see* Adam, W. 31715
Robson, P.N. *see* David, J.P.R. 43633

Robson, P.N. *see* Whitbread, N.D. 12371
Robson, P.N. *see* Whitbread, N.D. 44114
Robson, S. *see* Clarke, T.A. 23896
Robson, S. *see* Clarke, T.A. 46305
Robyns, B., Buyse, H., Labrique, F. Comparison of the sensitivity of the flux control to parameter uncertainties in two induction actuator indirect field oriented control schemes 16859
Robyns, B., Buyse, H., Labrique, F. Influence of parameter uncertainties on the performance of some induction actuator indirect field oriented control schemes 16861
Robyns, B. *see* Fu, Y. 16817
Roca, V. *see* Campajola, L. 46877
Roca i Cabarrocas *see* Liu, J.Z. 28594
Roca i Cabarrocas, P. Towards high deposition rates of a-Si:H: The limiting factors 33706
Roca i Cabarrocas, P. *see* Jones, S.J. 41422
Roca i Cabarrocas, P. *see* Layadi, N. 848
Roca i Cabarrocas, P. *see* Shirai, H. 41420
Rocamora, R.G. *see* Hurst, W.M. 25625
Rocca, J.J. *see* Prasad, M. 42488
Roccato, M. *see* Mussino, F. 6351
Rocchi, S. *see* Capineri, L. 24547
Rocchi, S. *see* Fort, A. 24262
Rocha, A.P. *see* Oliveira, E. 16174
Rocha, J.F. *see* Ferreira, M.F. 35727
Rocha, J.F.da *see* da Rocha, J.F.
Rocha, V.C.da, Jr *see* da Rocha, V.C., Jr
Roche, F.M., Barille, R. Analytical formulation of the capacitive coupling voltage contrast of a buried line 2219
Roche, J.R. *see* Thibaudau, F. 27805
Roche, M. *see* Boscolo, I. 15322
Roche, W. *see* Heidemann, A. 48455
Rochefolle, T. *see* Willard, C. 5821
Rochefort, J.-L. *see* Legros, F. 38028
Rocheleau, R.E. *see* Gao, Q.-H. 17328
Rocher, A. *see* Guasch, C. 42499
Rocher, A. *see* Ponchet, A. 9642
Rocher, C. *see* Mandrillon, P. 6909
Rocher, V., Chovelon, J.M., Jaffrezic-Renault, N., Cros, Y., Birot, D. An oxynitride ISFET modified for working in a differential mode for pH detection 38740
Rochester, C.J. *see* Beech, S.C. 6008
Rochette, H.de la *see* de la Rochette, H.
Rochford, C., Kavanagh, R.C., Egan, M.G., Murphy, J.M.D. Development of smooth torque in switched reluctance motors using self-learning techniques 8348
Rochon, M. *see* Jaffe, S.M. 3728
Rochon, P., Bissonnette, D., Natansohn, A., Xie, S. Azo polymers for reversible optical storage. III. Effect of film thickness on net phase retardation and writing speed 20242
Rochus, S. *see* Rohr, T. 9632
Rock, W., Roque, L. A new approach to FLIR MRTD testing 24560
Rockenbach, G. *see* Barth, H. 14061
Rockett, A., Abou-Elfotouh, F., Albin, D., Bode, M., Ermer, J., Klenk, R., Lommasson, T., Russell, T.W.F., Tomlinson, R.D., Tuttle, J., Stolt, L., Walter, T., Peterson, T.M. Structure and chemistry of $CuInSe_2$ for solar cell technology: current understanding and recommendations 40470
Rockett, A. *see* Mullan, C.A. 2083
Rockett, A. *see* Yang, L.-C. 28647
Rockett, P.D. *see* Haney, S.J. 27814
Rockett, P.I. *see* Pettersson, H. 19369
Rockett, P.I. *see* Pettersson, H. 19378
Rockrohr, J.D. *see* Pfeiffer, H.C. 27908
Rocks, M. *see* Gladisch, A. 6032
Rockway, J.W. *see* Deneris, C.A. 44558
Rockway, J.W. *see* Russell, L.C. 44357
Roco, M.T.P. *see* Bernstein, A. 31661
Roco, M.T.P. *see* Wang, M.-Z. 31689
Rod, B.J. *see* Bennett, K.W. 35143
Rod, B.J. *see* Moore, R.A. 35191
Rod, B.J. *see* Vaudin, M.D. 11374
Rodbell, K.P. *see* Colgan, E.G. 34837
Rodbell, K.P. *see* Colgan, E.G. 42775
Rodbell, K.P. *see* Hu, C.-K. 34822
Rodbell, K.P. *see* Knorr, D.B. 2207
Rodbell, K.P., Filter, W.F., Frost, H.J., Ho, P.S. *(editors)* Materials Reliability in Microelectronics III Symposium 33206
Rodd, M.G., Al-Rowaihi, S.F. Temporal modelling of real-time communication protocols based on a process/channel approach 45366
Rodd, M.G. *see* Zhao, M.Z. 16643
Rodda, W.E., Campbell, E.R., Sauer, D.J., Mayweather, W.T., Dell'ova, F. Full CMOS video line-locked phase-locked loop system 6206
Rodden, T. *see* Blair, G.S. 37516
Rodder, M., Chatterjee, A., Boning, D., Chen, I.C. Transistor design with TCAD tuning and device optimization for process/device synthesis 20004
Rodder, M. *see* Chapman, R.A. 20003
Rodder, M. *see* Chen, I.C. 19995
Roddiger, E.W. *see* Rosandich, R.G. 17823
Roddis, W.M.K. *see* Guo, B. 17601
Rode, A. *see* Chapman, H.N. 19289
Rode, A.G. The TekMeter—innovation in multifunction hand-held instruments 38606
Rode, B. *see* Bethke, K.-H. 32053
Rode, D.M., Bartley, W.H. Case histories: an insurer's experience with nonutility power generation losses 8040
Rode, P. *see* Stajer, D. 7438
Rodellar, V., Gomez, P., Hermida, M., Moreno, A. A numerical method based on Pade's approximation to simulate and design a low-cost auditory filter for speech processing 29533
Rodellar, V., Gomez, P., Hermida, M., Newcomb, R.W. An auditory neural system for speech processing and recognition 13091
Rodellar, V., Hermida, M., Diaz, A., Lorenzo, A., Gomez, P., Aguayo, P., Diaz, J.C., Newcomb, R.W. A VLSI arithmetic unit for a signal processing neural network 18597
Rodellar, V. *see* Perez-Castellanos, M. 18753
Roden, S., Saugier, R. Understanding video DAC specifications 15141
Rodenauer, F.G., Fehringer, H.M., Steiger, W., Sieber, A. Repair of a liquid ion emitter by a liquid metal ion emitter 15587
Rodenburg, R.E. *see* Dowell, D.H. 12255
Rodenburgh, A., II *see* Corwin, R.R. 46663
Roder, H.F. *see* Lorek, W. 10438
Roderick, N.F. *see* Peterkin, R.E., Jr. 40370
Roderick, W.I. *see* Hermand, J.-P. 44881
Rodet, X. Models of musical instruments from Chua's circuit with time delay 31083
Rodewald, W. *see* Eckert, D. 43286
Rodgers, J. *see* Singh, R.K. 857
Rodgers, J. *see* Ze-Xiang Zhang 35643
Rodgers, J. *see* Zhang, Z.X. 43692
Rodgers, P. US Navy 2M/ATE program: fleet self-sufficiency, readiness and progressive maintenance 24558
Rodgers, T.K. *see* Lewis, M.E. 39408
Rodi, W. *see* Thompson, D.R. 32077
Rodier, J. *see* Glotin, F. 7019
Rodier, J.-C. *see* Lalanne, P. 3273
Rodig, J. *see* Fischer, W. 48331
Rodin, J.P. *see* Becker, U.J. 7207
Rodina, L.P. *see* Krasovskii, S.V. 42193
Rodionov, A.M. A method of designing the pattern-shaping network of an adaptive antenna array 29373
Rodionov, A.S. *see* Filiouguine, I.V. 11981
Rodionov, A.S. *see* Nekrasov, Yu.V. 8914
Rodionov, A.Yu. *see* Sherstobitov, V.E. 21056
Rodionov, S.V. *see* Gorbienko, I.D. 29581
Rodionova, N.V., Sinilo, V.P. The techniques for speckle smoothing in radar images 38151
Roditty, Y. *see* Krasikov, I. 41066
Rodkiss, D.A. *see* Danson, C.N. 3569
Rodler, H. *see* Meissner, E. 38033
Rodley, D.G. *see* Long, A.R. 28171
Rodley, D.G. *see* Long, A.R. 35000
Rodmacq, B. *see* Mouchot, J. 46417
Rodnov, Yu.V. *see* Batalov, A.A. 46920
Rodolakis, A.J. *see* Moshref, A. 7722
Rodot, M. *see* Demesmaeker, E. 8748
Rodot, M. *see* Sibotththaman, S. 9511
Rodrick, T.J., Heban, J.E., Leddon, G. Nondestructive evaluation of hot rolled bars in an integrated processing line 408
Rodrigo, K.R.S. *see* Woodward, M.E. 13914
Rodrigo-Aparicio, E. *see* Sanz-Gonzalez, J.L. 10336
Rodrigue, S. *see* Cadorette, J. 15736
Rodrigue, S. *see* Lecomte, R. 15737
Rodrigues, A.J., Albuquerque, A.A. Post-detection diversity for land mobile communication systems using multi-h CPM 37897
Rodrigues, A.L. Superconducting magnetohydrodynamic generator 40072
Rodrigues, D. *see* Neuenschwander, R.T. 15533
Rodrigues, F. *see* Bell, H.C. 7990
Rodrigues, L., Verissimo, P., Rufino, J. A low-level processor group membership protocol for LANs 45354
Rodrigues, M., Ural, H. Exact solutions for the construction of optimal length test sequences 41748
Rodrigues, M.A. *see* Fendick, K.W. 30380
Rodrigues, N. *see* Baker, H.J. 11946
Rodrigues, R. *see* Juen, S. 44015
Rodrigues Coelho, A.S. *see* Sobral, S.T. 32467
Rodriguez, A. *see* Klute, G.K. 15949
Rodriguez, C., Martin, J.I., Ruiz, C., Lafuente, A., Rementeria, S., Perez, J., Muguerza, J. Fast and reliable fault analysis in complex power systems 16432
Rodriguez, C., Martin, J.I., Ruiz, C., Lafuente, A., Rementeria, S., Perez, J., Muguerza, J. Experimental comparison between knowledge-based and neural network approaches to fault diagnosis [of power systems] 32499
Rodriguez, C.A. *see* Stanbro, W.D. 31045
Rodriguez, D. Analog-VHDL: as an application, a real example 956
Rodriguez, F. *see* Agnelli, S. 14544
Rodriguez, F. *see* Anton Molina, O. 38493
Rodriguez, F. *see* Ferreras, A. 35449
Rodriguez, F. *see* Ramachandran, A. 11084
Rodriguez, F.J. *see* Mazo, M. 40507
Rodriguez, F.J.Jimenez *see* Jimenez Rodriguez, F.J.
Rodriguez, J., Crespo, R.D., Fernandez, S., Palacios, S.L., Virgos, J.M. Verification of generalized telegraphist's equations applied to dielectric waveguide problems: comment 36318
Rodriguez, J., Crespo, R.D., Palacios, S.L., Fernandez, S. Electromagnetic evaluation of multiple discontinuities in circular dielectric waveguides 12697
Rodriguez, J., Pontt, J., Barraza, J., Wiechmann, E. Field oriented control of a three-phase induction machine driven by a regenerative converter with sinusoidal input current 8426
Rodriguez, J. *see* Crespo, R.D. 27166
Rodriguez, J. *see* Ocana, J.L. 21138
Rodriguez, J. *see* Palacios, S.L. 20353
Rodriguez, J.A. *see* Rumyantsev, V.D. 19385
Rodriguez, J.L. *see* Garcia-Pino, A. 4050
Rodriguez, J.L. *see* Obelleiro, F. 29246
Rodriguez, J.R. *see* Wiechmann, E.P. 16992
Rodriguez, J.V. *see* Inan, U.S. 4131
Rodriguez, M. *see* Harmony, T. 31914
Rodriguez, M.A., Stockham, T.G. Producing colorimetric data from densitometric scans 31268
Rodriguez, M.A. *see* Valle, A. 3721
Rodriguez, M.J. *see* Roldan, C. 31727
Rodriguez, M.L. *see* Souto, J. 6627
Rodriguez, M.R. *see* Monzon, L. 12989
Rodriguez, P. *see* Raj, B. 25167
Rodriguez, P. *see* Trujillo, H. 14943
Rodriguez, R. *see* Balsley, B.B. 29178
Rodriguez, R.A., Edmonds, H.L., Jr, Schroeder, J.A. Quantitative EEG analysis during cardiac surgery in a case of spontaneous recall 31917
Rodriguez, T., Wolters, H., Fernandez, M., Almendra, A., da Silva, M.F., Clement, M., Soares, J.C., Ballesteros, C. Iridium silicides obtained by rapid thermal annealing 19412
Rodriguez Barquero, L., Los Arcos, J.M., Grau Malonda, A., Garcia-Torano, E. LSC standardization of ^{45}Ca by the CIEMAT/NIST efficiency tracing method 38851
Rodriguez Barquero, L. *see* Grau Malonda, A. 38855
Rodriguez Melgarejo, D. *see* Ferrari, H. 15177
Rodriguez-Clemente, R. *see* Henry, F. 9760
Rodriguez-Fonollosa, J.A. *see* Masgrau, E. 13107
Rodriguez-Lopez, F. *see* Riera-Franco de Sarabia, E. 24538
Rodriguez-Lozano, A. *see* Rul'kov, N.F. 41710
Rodriguez-Montanes, R., Bruls, E.M.J.G., Figueras, J. Bridging defects resistance measurements in a CMOS process 11311
Rodriguez-Montanes, R., Figueras, J. I_{DDQ} detectability of bridges in CMOS sequential circuits 26780
Rodriguez-Tellez, J., Mezher, K., Al-Daas, M. Improved junction capacitance model for the GaAs MESFET 19912
Rodriguez-Tellez, J., Stothard, B.P. Simulation of temperature and bias dependencies of β and V_{TO} of GaAs MESFET devices 11244
Rodriguez-Vasquez, A. *see* Delgado-Restituto, M. 42104
Rodriguez-Vasquez, A. *see* Huertas, J.L. 1377
Rodriguez-Vazquez, A., Delgado-Restituto, M. CMOS design of chaotic oscillators using state variables: a monolithic Chua's circuit 26742
Rodriguez-Vazquez, A. *see* Degaldo-Restituto, M. 18511
Rodriguez-Vazquez, A. *see* Delgado-Restituto, M. 1093
Rodriguez-Vazquez, A. *see* Espejo, S. 1362
Rodriguez-Vazquez, A. *see* Espejo, S. 18909
Rodriguez-Vazquez, A. *see* Fernandez, F.V. 26602
Rodriguez-Vera, R. *see* Servin, M. 5108
Rodwell, M. *see* Yu, R. 6364
Rodwell, M.J.W., Allen, S., Case, M., Yu, R., Bhattacharya, U., Reddy, M. GaAs nonlinear transmission lines for picosecond and millimeter-wave applications 27285
Rodwell, M.J.W. *see* Allen, S.T. 19034
Rodwell, M.J.W. *see* Konishi, Y. 10462
Rodwell, M.J.W. *see* Yih-Guei Wey 43638
Rodygin, Yu.L. *see* Ermolayev, V.T. 44875
Rodyonov, A.D. *see* Zaytsev, S.A. 1544
Rodzinski, J. *see* Prokop, J. 8302
Roe, D.B., Wilpon, J.G. Whither speech recognition: the next 25 years 21652
Roe, H.S.J. *see* Griffiths, G. 47282
Roe, J., Pudner, A. The real-time implementation of emitter identification for ESM 39443
Roe, M.G., Schehrer, K.L., Dobson, R., Schirber, L. Distortion invariant optical pattern recognition using composite binary filters 30117
Roe, M.G. *see* Schehrer, K.L. 38965
Roeber, J.E., Gieras, J.F. Efficiency and temperature rise of a voltage-source inverter-fed cage induction motor 48153
Roebuck, R., Agahdel, F., Ho, C. Known good die: a practical solution 340
Roecherath-Ries, M.-T., Cibis, J. Controlling three-dimensional beam-pattern by 'spatial frequency modulation': theoretical and simulation results 23231
Roeck, A.De *see* De Roeck, A.
Roecker, J.A. Approximate joint probabilistic data associations algorithms 29628
Roecker, J.A. A class of near optimal JPDA algorithms 44865
Roede, B. *see* Bethke, K.-H. 23167
Roederer, A. *see* Benedicto, J. 37739
Roedern, B.von *see* von Roedern, B.
Roehle, H. *see* Krost, A. 27508

Roehr, W., Petrovic, R., Cameron, D. A narrow-band PCS advanced messaging system 14483
Roehr, W. *see* Petrovic, R. 14484
Roelofs, B. *see* Burnett, G. 39153
Roelofsen, G. *see* Labrujere, A.C. 6065
Roemer, P.B. *see* Hardy, C.J. 7372
Roenkov, A.D. *see* Mokhov, E.N. 26413
Roenkov, A.D. *see* Vodakov, Yu.A. 28663
Roentgen, P. *see* Bona, G.-L. 28863
Roentgen, P. *see* Unger, P. 12178
Roermund, A.H.M.van *see* van Roermund, A.H.M.
Roesch, A. *see* Cook, C.R. 45711
Roeschert, H. *see* Przybilla, K.J. 11052
Roeschert, H. *see* Yeh, T.F. 11016
Roesel, J.F., Jr. *see* Morash, R.T. 40147
Roesgen, P. *see* Daniel, G. 31043
Roeske, F., Haigh, R.E., Hugenberg, K.F., Lowry, M.E., Nelson, D.C. Four-GHz analog data acquisition system using high-frequency guided-wave modulators 3162
Roessler, H. *see* Lesch, A. 37555
Roest, W. *see* Burghoorn, J. 20654
Roest, W. *see* Ferguson, S. 19190
Roesthuis, F.H.G. *see* Terpstra, D. 2905
Roeters, P.B., Buiteveld, H., Allewijn, R. Application of thermal infrared remote sensing for water quality management and monitoring in The Netherlands 32110
Roethke, E. *see* Kulseth, C.R. 24703
Roettcher, U. *see* Pelz, G. 26553
Roetzel, W. *see* Acharya, S.K. 16721
Rofail, S.S., Elmasry, M.I. Analysis of latchup and parasitic effects in merged BiCMOS structures 43134
Roffler, M. The significance of electrical energy in traffic today and tomorrow 25897
Roffmann, W. *see* Wilson, S.J. 7332
Rofougaran, A. *see* Min, J. 14487
Rofougaran, M. *see* Gomez, R. 27104
Rofrano, J.J. *see* Shedletsky, J.J. 30399
Rogachev, T. *see* Pavlov, D. 25640
Rogacheva, E.A. *see* Petrov, M.P. 12063
Rogachevsky, B.M. Superconducting instruments 11540
Rogachevsky, B.M. *see* Golyshev, N.V. 11541
Rogachevsky, B.M. *see* Golyshev, N.V. 11542
Rogala, M., Moore, D. Nature Is Leaving Us: a video theatre work 46249
Rogalla, H. *see* Klopman, B.B.G. 1473
Rogalla, H. *see* ter Brake, H.J.M. 21279
Rogalla, H. *see* Terpstra, D. 2905
Rogalla, K. *see* Gollor, M. 7556
Rogalski, A. New trends in infrared detectors technology 35579
Rogalski, A. New trends in infrared detector technology 38505
Rogan, P.M. *see* Yan, H. 24615
Rogard, R. *see* Jongejans, A. 37929
Rogashkova, A.I. *see* Vinogradov, A.A. 29196
Rogel, P.R. *see* Joanblanq, C. 34165
Roger, J.P. *see* Jin, G. 1967
Roger, J.P. *see* Mansanares, A.M. 20812
Roger, W.A. *see* McIntyre, C.M. 30930
Rogers, A.C. High reliability PLL based clock distribution 27027
Rogers, A.E.E. *see* Bhushan, B. 35234
Rogers, A.J. *see* Usman Ahmed, S. 35360
Rogers, B., Berry, M.J., Turlik, I., Garrou, P., Castillo, D. Soft mask for via patterning in benzocyclobutene 17856
Rogers, B.R. AES determination of spatial composition variation in sputtered Ti-W films 2225
Rogers, B.R., Cale, T.S. Spatial composition variation in sputtered Ti-W films 9773
Rogers, C.A. *see* Chen Liang 20078
Rogers, C.A. *see* Chen Liang 28325
Rogers, C.A. *see* Liang, C. 35186
Rogers, C.A. *see* Liang, C. 43230
Rogers, C.A. *see* Song, O. 35187
Rogers, C.A. *see* Stastny, J.A. 23540
Rogers, C.A. *see* Sun, F.P. 18364
Rogers, C.A. *see* Zhou, S. 926
Rogers, C.B. *see* Gibbon, M. 35489
Rogers, C.S., Macrander, A.T. Thermal stress analysis and diffraction simulation of a standard and inclined gallium-cooled high-heat-load X-ray monochromator 7306
Rogers, D. *see* Miles, C.F. 10358
Rogers, D.A. *see* Ribeiro, P.F. 961
Rogers, D.J., Maeda, Y., Takei, K., Chapman, J.N., Bernards, J.P.C., Schrauwen, C.P.G. Investigations of compositional separation in Co-Cr thin film recording media 35219
Rogers, G.J. Demystifying induction motor behavior 40156
Rogers, G.J. *see* Yusof, S.B. 24616
Rogers, G.W. *see* Priebe, C.E. 36806
Rogers, G.W. *see* Solka, J.L. 36807
Rogers, H.N. High temperature sputtered coatings for optical fiber 3000
Rogers, I.W. *see* Ioannides, N. 6518
Rogers, J.G. *see* Knight, R.P. 25191
Rogers, J.L., Varhue, W.J., Adams, E. Growth of Er doped Si films by electron cyclotron resonance plasma enhanced chemical vapor deposition 9738
Rogers, K. *see* Kouba, E.T. 30869
Rogers, K.W. Linking the Economic Bulletin Board to the Internet: a case study 30375
Rogers, L. *see* Russell, H.J., III 6007
Rogers, L.E. *see* Morgan, R.A. 20829
Rogers, M.C.M. *see* Leithead, W.E. 25335
Rogers, S. *see* Bernacki, S. 35199
Rogers, S. *see* Calvin, J. 27115
Rogers, S. *see* Colombi, J. 29546
Rogers, S. *see* Geurts, J. 5076
Rogers, S. *see* Nering, J. 23564
Rogers, S.K. *see* Burns, T.J. 36785
Rogers, S.K. *see* Fielding, K.H. 29863
Rogers, S.K. *see* Lee, J.K. 4592
Rogers, S.K. *see* Montera, D.A. 36860
Rogers, S.K. *see* Montera, D.A. 47320
Rogers, S.K. *see* Swanson, D.E. 29769
Rogers, S.P., Myers, L.D. Development of an intelligent system to aid in avionics display design 39264
Rogers, S.Taggart *see* Taggart Rogers, S.
Rogers, T. Microengineering technologies and capabilities 42700
Rogers, T., Santilli, R., Harper, R., Totterdell, D. Selective anodization using masked deep ion implantation 27708
Rogers, T.J. *see* Huffaker, D.L. 44022
Rogers, W.A. *see* Min, H.B. 1133
Rogers, W.H. *see* Abbott, T.S. 39250
Rogers, W.J.S. *see* Salman, S.K. 25340
Rogers, W.J.S. *see* Sanderson, J.V.H. 47584
Rogers, W.L. *see* Petrick, N. 15636
Rogge, U., Pregla, R. Method of lines for the analysis of dielectric waveguides 44527
Roggen, A.van *see* van Roggen, A.
Roggen, J. *see* De Schepper, L. 26168
Roggen, J. *see* Huyberechts, G. 6405
Rogne, T., Mo, O., Schlurscheid, M. Paralleling of semiconductors including temperature feedback, using spreadsheet or simulation tool, to calculate current and temperature differences 1031
Rogne, T. *see* Mo, O. 17469
Rogne, T.J. *see* Cederquist, J.N. 29844
Rogner, A. Precision components for optical fiber connections fabricated by the LIGA process 35349
Rogner, A., Pannhoff, H. Characterization and qualification of moulded couplers for POF-networks 5883
Rognon, J.P. *see* Bendaas, M.L. 8997
Rogoff, R. *see* Katz, B.A. 2331
Rogov, B.V. *see* Pozdeev, P.A. 25739
Rogowski, R. *see* Egalon, C.O. 23669
Rogowski, R.S. *see* Egalon, C.O. 43422
Rogowski, R.S. *see* Namkung, J.S. 6545
Rogoy, B.V. *see* Bystrova, O.V. 25314
Rogozhkin, I.B. *see* Obraztsov, A. 18868
Rogozin, G.G. Determining the electromagnetic parameters of AC machines 16758
Rogozinski, R. *see* Blahut, M. 3131
Rogulski, M.M., Barber, H.B., Barrett, H.H., Shoemaker, R.L., Woolfenden, J.M. Ultra-high-resolution brain SPECT imaging: simulation results 15745
Rogulski, M.M. *see* Barber, H.B. 15748
Rohac, J. *see* Budagov, J. 46955
Rohall, S.L. *see* Arango, M. 13971
Rohan, D. Resource sharing in capacity analysis 271
Rohatgi, A. *see* Chou, H.C. 40471
Rohatgi, A. *see* Pang, S.K. 20512
Rohatgi, A. *see* Sana, P. 25684
Rohatgi, A. *see* Smith, A.W. 19708
Rohatgi, A. *see* Yasutake, K. 34624
Rohde, N. EMC—and its consequences 12619
Rohde, N. Spectrum analyser and tuned measurement receivers for use in electromagnetic compatibility (EMC) studies 29198
Rohde, N. EMC—and its consequences. II 45753
Rohde, U.L., Chang, C.-R., Gerber, J., Pengelly, R. Parameter extraction for large signal noise models and simulation of noise in large signal circuits like mixers and oscillators 27217
Rohde, U.L., Gerber, J., Chao-Ren Chang Obtain large-signal models for microwave transistors 42197
Rohde, U.L. *see* Tayrani, R. 11235
Rohde, U.L. *see* Tayrani, R. 42201
Rohlena, K. *see* Beranek, J. 35659
Rohlfing, S.M. *see* Fenzi, N.O. 1577
Rohlicek, J.R. *see* Digalakis, V. 44760
Rohlig, S., Rothe, M., Schmidt, P., Weschta, A. Enhanced power supply capacity for modern mass rapid transit systems 25886
Rohling, H. *see* Engels, V. 30945
Rohling, H. *see* Muller, T. 22867
Rohner, C., Stecher, M. Calibration of measuring antennae for precise field strength measurements 29199
Rohner, C., Stecher, M. Calibration and test antennas for measuring signal and interference field strengths 36360
Rohr, D. *see* Karam, F.G. 37924
Rohr, T., Walther, M., Rochus, S., Bohm, G., Klein, W., Trankle, G., Weimann, G. MBE regrowth of GaAs/AlGaAs structures on RIE patterned substrates 9632
Rohrbach, D. *see* Hauser, E. 39041
Rohrer, A. *see* Weicht, U. 40016
Rohrer, N.J., Valco, G.J., Bhasin, K.B. Hybrid high temperature superconductor/GaAs 10 GHz microwave oscillator: temperature and bias effects 34256
Rohrer, R.A. *see* Alaybeyi, M.M. 26587
Rohrer, R.A. *see* Bracken, J.E. 26586
Rohrer, R.A. *see* Kumashiro, S. 989
Rohrer, S. *see* Alrutz, H. 6205
Rohrer, U. *see* Schryber, U. 6907
Rohrich, D. *see* Bachler, J. 46934
Rohrlein, G. *see* Schneider, S. 31880
Rohrs, C.E. *see* Mills, J.D. 36606
Rohrs, U.H., Linde, L.P. Some unique properties and applications of perfect squares minimum phase CAZAC sequences 12943
Rohwer, R. *see* Tarling, R. 13573
Roijen, R.van *see* van Roijen, R.
Roijen, R.von *see* von Roijen, R.
Roisin, P. *see* Wright, J.D. 6626
Roitman, P. *see* Krause, S.J. 1968
Roitman, P. *see* Lee, J.D. 10776
Roitman, P. *see* Mayo, S. 11335
Roitman, P. *see* Park, J.C. 10864
Rojas, F. *see* Cota, E. 27513
Rojas, M. *see* Chonglun Fan 17259
Rojas, O. *see* Ilie, J.-M. 18015
Rojas, R., Ohnishi, T., Suzuki, T. Simple structure and control method for a neutral-point-clamped PWM inverter 8622
Rojas, R.G. *see* Ly, H.C. 44307
Rojas, S., Zanotti, L., Borghesi, A., Sassella, A., Pignatel, G.U. Characterization of silicon dioxide and phosphosilicate glass deposited films 26507
Rojas, S. *see* Zanotti, L. 9761
Rojat, G. *see* Costa, F. 27110
Rojdestvenski, I.V. *see* Slavin, A.N. 43243
Rojeski, R.A. *see* McGregor, D.S. 47017
Rojewski, M. *see* Hermanowicz, E. 27057
Rojsel, P. A beam position measurement system using quadrupole magnets magnetic centra as the position reference 46808
Rokhlin, S.I., Lavrentyev, A.I., Li, B. Ultrasonic evaluation of environmental durability of adhesive joints 906
Rokhlin, S.I., Wang, W. Measurements of elastic constants of very thin anisotropic plates 15256
Rokhlin, S.I. *see* Huang, W. 18383
Rokhlin, V. Diagonal forms of translation operators for the Helmholtz equation in three dimensions 33560
Rokhlin, V. *see* Barouch, E. 2320
Rokhlin, V. *see* Dutt, A. 631
Rokitansky, C.-H., Hussmann, H. Mobile broadband system (MBS)—system architecture 45812
Rokotyan, I.S., Stroev, V.A., El-Shakhat, M.M.M. Development of algorithms for alleviation of branch overloads in power system mode control 24813
Rokugawa, H., Fujimoto, N., Horimatsu, T. A skew free receiver circuit for gigabit optical parallel interconnection 38119
Rokugo, Y., Yoshida, N. Jitter reduction for asynchronous network application of synchronous digital hierarchy 30175
Rokushima, K., Matsumoto, K., Yamakita, J. Rigorous analysis of guided waves in periodic dielectric structures for cases of oblique propagation 12668
Rokushima, K. *see* Matsumoto, K. 20347
Rokushima, K. *see* Matsumoto, K. 35424
Rolain, Y. *see* Kollar, I. 23468
Rolan, J. *see* Sanz-Bobi, M.A. 32897
Roland, B. Silylation and dry processing 42811
Roland, B. *see* Ki-Ho Baik 11075
Roland, G. *see* Bachler, J. 46915
Roland, G. *see* Baechler, J. 46909
Roland-Mieszkowski, M., Kwiek, P., Sliwinski, A. Digital generation of high quality periodic signals for the use with acousto-optic modulators 20442
Roldan, C., Ferrero, J.L., Sanchez, F., Navarro, E., Rodriguez, M.J. Monte Carlo simulation of alpha spectra in low-geometry measurements 31727
Rolf, A. *see* Bates, S. 24057
Rolfe, S.J. *see* Sudersena Rao, T. 41331
Rolfseng, L. *see* Fikke, S.M. 24999
Rolfseng, L. *see* Hofstad, P. 24872
Rolfson, B. *see* Luehrmann, P. 2271
Rolfson, B. *see* Luehrmann, P. 42798
Roli, F. *see* Pellegretti, P. 36992
Rolince, D. *see* Pantano, G. 1692
Roll, G. *see* Herzberger, A. 37250
Roll, U. *see* Heidemann, A. 8969
Rolland, A., Richard, J., Kleider, J.P., Mencaraglia, D. Electrical properties of amorphous silicon transistors and MIS-devices: comparative study of top nitride and bottom nitride configurations 19830
Rolland, A., Richard, J., Kleider, J.P., Mencaraglia, D. Electrical properties of amorphous silicon transistors and MIS devices: comparative study of top nitride and bottom nitride configurations 28181
Rolland, A. *see* Kleider, J.P. 34993
Rolland, C. *see* Cada, M. 5969
Rolland, C. *see* Cada, M. 38111
Rolland, C. *see* Cartledge, J.C. 43536
Rolland, C. *see* Wang, W.J. 3095

Rolland, M., Gaillard, S., Villemain, E., Rigaud, D., Valenza, M. Low noise ohmic contacts on n and p type GaSb 1928
Rolland, P.A. *see* Constant, E. 42249
Rolleston, R. Visualization of colorimetric calibration 13476
Rolley, E. *see* Guthmann, C. 32888
Rollins, D.L., Wolf, P.D., Ideker, R.E., Smith, W.M. A programmable cardiac stimulator 38948
Rolls, A.M. *see* Merrett, R.P. 14085
Roloff, H.O. *see* Barber, D.P. 31578
Rols, R. Retrospective of almelec conductors in the French electric network 47541
Rolston, W.A. *see* Zhang, Y.T. 15699
Rom, H., Medioni, G. Hierarchical decomposition and axial shape description 21940
Rom, H. *see* Saint-Marc, P. 21954
Rom, R. *see* Bar-David, I. 37082
Rom, R. *see* Orda, A. 30256
Rom Tamjis, M. *see* Mullin, F.J. 8262
Romagnoli, M., Wabnitz, S., Midrio, M. Bandwidth limits of soliton transmission with sliding filters 23078
Romagnoli, M. *see* Fontana, F. 3522
Romagnoli, M. *see* Fontana, F. 12081
Romagnoli, M. *see* Fontana, F. 35740
Romagnoli, M. *see* Fontana, F. 43813
Romagnoli, M. *see* Iannone, E. 23029
Romagnoli, M. *see* Kodama, Y. 28467
Romagnoli, M. *see* Kodama, Y. 35967
Romagnoli, M. *see* Matera, F. 5895
Romagnoli Trotti, M.A. Charging and accounting in the international telephone service: a developing country's point of view 14070
Romaine, S. *see* Springholz, G. 10689
Roman, A.E. Improved performance of pulsed avalanche diode oscillators 19080
Roman, H., Oswald, B., Lakervi, E., Janhonen, S. Load shedding management for industrial power systems 24755
Roman, H.T. Robotic applications in PSE&G's nuclear and fossil power plants 25133
Roman, H.T., Pellegrino, B.A., Sigrist, W.R. Pipe crawling inspection robots: an overview 17934
Roman, J. *see* Labeau, M. 6640
Roman, R., Wilson, R. Controlling power 47360
Roman, R. *see* Lloris, A. 10104
Roman, R. *see* Segura, J.C. 44776
Roman, R.S. *see* Vannucci, G. 36183
Roman, V. *see* Clochon, P. 7457
Roman-Roldan, R. Entropy relationships for data sequence histograms 4354
Romanazzo, M. *see* Conte, M. 48220
Romanazzo, M. *see* Soldadino, G. 48219
Romanchik, D. Probing the unprobable [IC testing] 43032
Romanczuk, C. *see* Aday, J. 25915
Romanczuk, C. *see* Evans, J.L. 25916
Romanczuk, C.S., Burcham, S.W., Evans, J.L., Knight, R.W., Johnson, R.W. Finite element analysis of the thermal characteristics of an automotive powertrain controller 25922
Romankiw, L.T. Compositional profiles in electroplated permalloy and copper permalloy: a methodology toward laminated permalloy for thin film head applications 11490
Romankiw, L.T. *see* Chang, J.W. 11487
Romankiw, L.T. *see* Rath, D.L. 11491
Romankiw, L.T., Herman, D.A., Jr. *(editors)* Proceedings of the Second International Symposium on Magnetic Materials, Processes, and Devices 70
Roman'ko, V.N., Shmalii, Yu.S. Probabilistic properties of dynamic modulation characteristics of quartz oscillators 20111
Romano, F. *see* Abbrescia, M. 7270
Romano, G. *see* Levi, L. 45836
Romano, G. *see* Rossel, C. 20222
Romano, J.M.T. *see* Resende, L.S. 21763
Romano, M. *see* Campajola, L. 46877
Romano, V. *see* Konz, F. 3570
Romano-Rodriguez, A., Vanhellemont, J. Dopant dependent extended defect nucleation and growth kinetics in silicon during 1 MeV electron irradiation 2082
Romano-Rodriguez, A. *see* Acero, M.C. 27707
Romano-Rodriguez, A. *see* Calvo, L. 34792
Romano-Rodriguez, A. *see* Perez-Rodriguez, A. 34616
Romanov, A.V. *see* Lytkin, A.P. 20596
Romanov, L.N., Kolodieva, S.V. Ageing of crystal elements manufactured of swept synthetic quartz 20068
Romanov, N.A. *see* Sherstobitov, V.E. 21056
Romanov, O.G. *see* Kurbatov, A.L. 23648
Romanov, S.K. *see* Alipatov, G.V. 10029
Romanova, E.G. *see* Grebennik, V.N. 39837
Romanova, G.P. *see* Lisovskii, I.P. 42590
Romanova, O.B. *see* Torchigin, V.P. 11746
Romanova, T.D. *see* Goldberg, L.S. 25747
Romanovskii, V.R. Steady-state stabilization of a superconducting current-carrying element in the case of nonuniform distribution of temperature along the cross section 20218
Romanovskii, Yu.A. *see* Alebastrov, V.A. 39388
Romanovskiy, M.I. The features of multibeam satellite communications systems employing signal switching 37953
Romanovsky, A. *see* Waltman, S. 6302
Romanow, A. *see* Wei, L. 13973
Romanowski, A. *see* Bylsma, B.G. 31675
Romanowski, T.A. *see* Bylsma, B. 15667
Romantsevich, V.I. *see* Gromova, T.I. 27524
Romantsov, V.V. *see* Ivasheva, G.D. 8192
Romanychev, A.D. *see* Boloznev, V.V. 46582
Romanyuk, B.N. *see* Klyui, N.I. 19442
Romanyuk, M.I., Shpenik, O.B. Crossed-field (trochoidal) electron monochromators and their optimization 36120
Romanyuk, V.A. Calculation for star-shaped microwave oscillators on bipolar transistors 19082
Romashev, L.N. *see* Zamidra, A.I. 4016
Romashin, N.L., Kleyev, A.I., Solntsev, V.A. Analysis of amplification in quasioptical waveguide line with an electron beam 1799
Rombaut, C. *see* Ducreux, J.P. 18470
Romdhani, M. *see* Martin, J.-C. 45454
Rome, H.J. Synergistic integration of automatic dependent surveillance and Loran-C in the North Caribbean area 39316
Romeiser, D. *see* Smith, A.R. 40010
Romemont, O.de *see* de Romemont, O.
Romenesko, B.M., Boehme, M.H. Shock mitigation in chip-and-wire hybrid microcircuits 19259
Romenesko, B.M. *see* Benson, R.C. 19264
Romeny, B.M.Ter Haar *see* Ter Haar Romeny, B.M.
Romeo, C. *see* Matarazzo, S. 43346
Romera, J.A. *see* Abella, C. 29315
Romero, A. *see* Abbott, B. 31776
Romero, A. *see* Staniewicz, R.J. 17246
Romero, A. *see* Staniewicz, R.J. 17250
Romero, J. *see* Vila, N. 29900
Romero, L.A. *see* Ghiglia, D.C. 36874
Romero, L.A. *see* Hjalmarson, H.P. 28629
Romero, M.A., Herczfeld, P.R. A study on the negative photoresponse of AlGaAs/GaAs MODFETs 3333
Romero, R. *see* Souriau, J.C. 35736
Romero-Borja, F. *see* Zagozdzon-Wosik, W. 2070
Romestain, R. *see* Mihalcescu, I. 34772
Romijn, J. *see* Koek, B.H. 27867
Romijn, J. *see* Koek, B.H. 28002
Romijn, J. *see* Webster, M.N. 27257
Romijn, W. *see* Sara, L. 37295
Romoli, M. *see* Campajola, L. 46877
Rompelman, O. *see* Janssen, M.J.A. 7419
Rompf, C., Hilmer, B., Kowalsky, W. Organic-on-inorganic semiconductor heterostructures: photonic devices and application to OEICs 35627
Rompf, C., Hilmer, B., Kowalsky, W. Heterostructures of crystalline organic and inorganic semiconductors for applications in optoelectronic integrated circuits 43681
Ron, A. *see* Kupershmidt, H. 3691
Ron, S. *see* Verbeke, M. 47088
Ronan, M. *see* Fieguth, T. 15555
Ronarc'h, D. *see* Ibrahim, H. 3533
Ronarc'h, D. *see* Ibrahim, H. 3547
Roncella, R., Saletti, R., Terreni, P. A DCT systolic chip for digital HDTV 34089
Ronchi, L., Porras, M.A. The relationship between the second order moment width and the caustic surface radius of laser beams 12310
Roncin, D. *see* Bertin, P. 1235
Ronco, C. *see* Costa, V. 34341
Ronco, E. *see* Briccarello, P. 45455
Roncone, R.L., Lifeng Li, Brazas, J.C. Single-leakage-channel grating couplers: comparison of theoretical and experimental branching ratios 20346
Ronda, A. *see* Chevrier, J. 19368
Ronda, J.I., Jaureguizar, F., Garcia, N. Stochastic optimal control of variable bit rate video coders 38243
Ronda, J.I., Ortega, A., Fernandez, A., Garcia, N. Predictive control of variable bit rate coders 23315
Rondeau, E. *see* Binder, M. 10535
Rondeau, G. *see* Caussyn, D.D. 38778
Rondeau, G. *see* Ellison, M. 38779
Rondeau, G.D. *see* Ueda, M. 7129
Rondi, D. *see* Maricot, S. 5952
Rondinella, V.V. *see* Matthewson, M.J. 2992
Rondinelli, G. *see* Carosi, M. 22824
Rondot, C. *see* Ambrosini, G. 38419
Rondot, C. *see* Ambrosini, G. 38898
Ronen, B., Karp, R. An information entropy approach to the small-lot concept 40999
Roney, R. Establishing and evaluating cleaning requirements for water soluble solder pastes 34426
Ronfard-Haret, J.C. *see* Bachir, S. 35566
Rong, A.S., Sun, Z.L. Packaging and metallisation effects of valley microstrip line with slit for use in very small multilayer MMICs 34267
Rong, R.C. *see* Gerrardi, G.J. 10884
Rong Cai *see* Cai Rong
Rong Chaofan *see* Ye Zongyuan 24135
Rong Li Hwang *see* Hua Chang 18279
Rong Meizhi *see* Zhou Xiangmin 18397
Rong Mingzhe, Wang Qiping Research on the surface dynamics of AgMeO contacts 17117
Rong Shen *see* Shen Rong
Rong Yin *see* Chen Jun 12045
Rong Yu *see* Yu Rong
Rong-Chang Chen *see* Hsin-Sen Chu 23639
Rong-Chang Chen *see* Jhy-Ping Wu 38516
Rong-Feng Chang *see* Lap Huynh 37543
Rong-Jian Chen, Bin-Chang Chieu A 3-dimensional morphological image sequence coding 13817
Rong-Jian Chen, Bin-Chang Chieu Adaptive DCT color image sequence coding 22192
Rong-Jiang Cao, TianXiang Chen Test study on self-extinction behaviour of secondary arc on HV power systems in China 7724
Rong-Qi Qiao *see* Qiao Rong-Qi
Rong-Seng Chang, Yeu-Jent Hu, Chen Sheng Lin Neural net concept for fabricating holographic optical elements in a photoresist 3931
Rong-Seng Chang, Yeu-Jent Hu, Chern-sheng Lin Neural net concept for fabricating HOE in photoresist 29051
Rong-Tay Hsu *see* Hir-Ming Shieh 43014
Rong-Yuang Wu *see* Chyi Hwang 33576
Rongen, H. *see* Schnase, A. 15487
Rongere, F.-X., Bonneau, D., Covalet, D., Dalicieux, P., Gautier, B., Lahellec, C. CLIM 2000: the building energy modelling considered as a construction set 25857
Rongfang Hu *see* Hu Rongfang
Ronggang Qi *see* Qi Ronggang
Ronghan Wu *see* Wu Ronghan
Ronghong, J., Yuanheng, Q. A spectral-domain-eigenfunction method for radiation by a cavity-backed planar structure 4249
Ronghong Jin *see* Jin Ronghong
Ronghua Zhu *see* Demesmaeker, E. 8748
Ronghua Zhu *see* Luque, A. 8747
Ronghua Zhu *see* Morales-Acevedo, A. 8749
Ronghui Li *see* Zhong, J. 20866
Rongjin Yu *see* Yu Rongjin
Rongjiu Wu *see* Wu Rongjiu
Rongl, K. *see* Heusinger, P. 41767
Rongliang Yan *see* Yan Rongliang
Ronglong Cui *see* Cui Ronglong
Rongoni, A. *see* Borio, R. 47040
Rongqin He *see* He Rongqin
Rongqiong Feng *see* Feng Rongqiong
Rongquing Feng *see* Feng Rongquing
Rongtai Hao *see* Hao Rongtai
Rongved, R. *see* Benvenuti, A. 7252
Rongxing Li, Schwarz, K.-P., Chapman, M.A., Gravel, M. Integrated GPS and related technologies for rapid data acquisition 45879
Ronkowski, M., Iwan, K., Szczesny, R. Simulation of converter-synchronous machine drives in normal and fault operation 8858
Ronkowski, M. *see* Szczesny, R. 8582
Ronnekleiv, A., Engan, H.E., Elnegaard, N.K. A reflective array structure using STW to SAW conversion 2764
Ronney, P.D. Laser versus conventional ignition of flames 44179
Ronning, C. *see* Pfeiffer, W. 42419
Ronnow, D., Veszelei, E. Design review of an instrument for spectroscopic total integrated light scattering measurements in the visible wavelength region 38727
Ronqvist, C. *see* Masciocchi, S. 7182
Ronse, C. Lattice-theoretical fixpoint theorems in morphological image filtering 29988
Ronse, K., Jonckheere, R., Juffermans, C., Van den hove, L. Comparison of various phase shift strategies and application to 0.35 μm ASIC designs 2263
Ronse, K., Pforr, R., Baik, K.H., Jonckheere, R., Van den Hove, L. Attenuated phase shifting masks in combination with off-axis illumination: a way towards quarter micron DUV lithography for random logic applications 28009
Ronse, K. *see* Ki-Ho Baik 11075
Ronse, K. *see* Pforr, R. 2277
Ronse, K. *see* Weiss, M. 27935
Ronsheim, P.A., Tejwani, M. Effect of matrix stopping power on sputter depth profile broadening 42447
Ronsin, J. *see* Kpalma, K. 30074
Ronsivalle, C., Giubileo, G., Messina, G., Picardi, L., Vignati, A. Characterization of the performance of the ENEA racetrack microtron 15380
Ronsivalle, C. *see* Messina, G. 15332
Ronyai, L. A deterministic method for computing splitting elements in simple algebras over Q 18067
Ronzhin, A.I. *see* Buzulutskov, A.F. 31710
Ronzhin, A.I. *see* Kryshkin, V.I. 7194
Roo, R.D.De *see* De Roo, R.D.
Roobol, C. Message delay in 1-D indoor packet radio system with diversity reception 37898
Roocroft, N. *see* Butterworth, J. 38932
Rooij, G.van *see* van Rooij, G.
Rooij, N.F.de *see* de Rooij, N.F.
Rooij, P.De *see* De Rooij, P.
Rooijen, J.van *see* van Rooijen, J.
Rook, J. *see* Bechstedt, U. 6934
Rook, J. *see* Bechstedt, U. 15536
Rook, M. *see* Bechstedt, U. 15536
Rookhuizen, H.B. *see* van der Linden, A. 15405
Rookhuizen, H.Boer *see* Boer Rookhuizen, H.
Rooks, M.J. *see* Eugster, C.C. 19915
Rooks, M.J. *see* Koester, S. 42526
Rooks, M.J. *see* Koester, S.J. 27546
Roome, N. Business strategy, R&D management and environmental imperatives 17778

Rooney, E. *see* Hiller, S. 9153
Rooney, E. *see* Hiller, S. 29521
Rooney, N. *see* Waring, L.C. 29261
Roos, G. Reducing the health risks associated with semiconductor production 24373
Roos, G., Hoefflinger, B. Three-dimensional CMOS NAND with three stacked channels 10098
Roos, G., Johnson, N.M., Herring, C., Harris, Jr., J.S. Hydrogen passivation and reactivation of DX centers in Se-doped and Si-doped AlGaAs—a comparison 10660
Roos, G., Johnson, N.M., Pao, Y.C., Harris, J.S., Jr., Herring, C. Hydrogen passivation of Si and Be dopants in InAlAs 2178
Roos, G. *see* Lord, S.M. 2202
Roos, K.R., Tringides, M.C. Low-temperature, flux-independent epitaxy in Ag/Si(111) 26416
Roos, M. *see* Schwarzenbach, H.U. 31181
Roose, D. *see* Malfait, M. 29854
Roosen, F., Hethuin, S., Poulain, D. A new adaptive equalizer for mobile radio system 37791
Roosen, G. *see* Boj, S. 12421
Roosen, G. *see* Pauliat, G. 3895
Roosnek, N. Measuring velocity and location of a target by the variable domain transform 46105
Roost, E.De *see* De Roost, E.
Root, C.E. *see* Emanuel, A.E. 47503
Root, C.E. *see* Pileggi, D.J. 25931
Root, D.E. Measurement-based large-signal active device modeling for circuit simulation 27254
Root, D.E., Pirola, M., Fan, S., Anklam, W.J., Cognata, A. Measurement-based large-signal diode modeling system for circuit and device design 42861
Root, D.E., Pirola, M., Fan, S., Cognata, A. Measurement-based large-signal diode model, automated data acquisition system, and verification with on-wafer power and harmonic measurements 2396
Root, J.C. *see* Fedynyshyn, T.H. 27960
Root, R.E. *see* Congleton, H. 1763
Root, W.L. *see* Mobed, M. 44936
Ropars, F. *see* le Bihan, J. 1299
Ropars, G. *see* Guivarc'h, A. 18201
Ropars, R. Public opinion and nuclear power plants: a local communication experience 39813
Ropella, K.M. *see* Lovett, E.G. 7448
Ropella, K.M. *see* Lovett, E.G. 39059
Ropella, K.M. *see* Stephany, G.R. 24363
Roper, C.D. *see* Crosson, E.R. 31629
Ropert, A. *see* Lieuvin, M. 15526
Ropke, K. *see* Guhmann, C. 31142
Ropke, U., Jetschke, S. Measurement of the birefringence in optical fibres by an elasto-optic method 35385
Ropke, U., Vobian, J., Jetschke, S. Study of phase and group index differences in polarization-maintaining single-mode fibres 35384
Ropke, U. *see* Gilgen, H.H. 3079
Ropponen, C.T., Cheung, B.P. Bruce 'A' Unit 4 fuel channel feeder coupling leakage 16606
Roque, L. *see* Rock, W. 24560
Roques, A. *see* Eyharts, P. 15294
Roques, D. *see* Soulard, M. 27265
Rorgren, R., Tillstrom, A. Die-bonding of large-area naked chips 17923
Rorgren, R. *see* Bertilsson, K. 12099
Rorgren, R. *see* Liu, J. 23834
Rorsman, N. *see* Angelov, I. 1607
Rorsman, N. *see* Zirath, H. 1591
Rorsman, N. *see* Zirath, H. 27274
Rorvik, O. *see* Alstad, K. 25051
Ros, D. *see* Llovet, X. 31850
Ros, D. *see* Pavia, J. 31851
Ros, R.Da *see* Da Ros, R.
Rosa, A.De *see* De Rosa, A.
Rosa, F. *see* Deponti, F. 16384
Rosa, P.Di *see* Di Rosa, P.
Rosa, R. *see* Casali, F. 38573
Rosa, R.G. *see* de Agapito, J.A. 6662
Rosander, S. *see* Karlsson, M. 15465
Rosandich, R.G., Ozbayoglu, M.A., Roddiger, E.W., Dagli, C.H. Autonomous parts assembly: comparison of ART and Neocognitron 17823
Rosanov, N.N. Switching waves, autosolitons, and parallel digital-analogous optical computing 11776
Rosard, D.D. *see* Fick, B.R. 8226
Rosario, M.J. *see* Soares Augusto, J. 27213
Rosario, M.Joao *see* Joao Rosario, M.
Rosatelli, F. *see* Sanelli, C. 15539
Rosati, T. *see* Webster, S. 1297
Rosato, E. *see* He Zhiyong 46884
Rosch, H., Teich, D. EMC—a quality characteristic of [building system technology] 4163
Roschert, H., Eckes, C., Endo, H., Kinoshita, Y., Kudo, T., Masuda, S., Okazaki, H., Padmanaban, M., Przybilla, K.-J., Spiess, W., Suehiro, N., Wengenroth, H., Pawlowski, G. Delay time effects between exposure and post exposure bake in acetal-based deep-UV photoresists 11047
Roschert, H., Eckes, Ch., Pawlowski, G. α-hydroxylmethylbenzoin sulfonic acid esters. A versatile class of photoacid generating compounds for chemically amplified deep-UV photoresists 11079
Roschke, D. *see* Bungartz, H. 26375
Roscoe, B.A., Adolph, R.A. A method of stabilizing the resolving time of a nuclear acquisition system in real-time 15670
Rose, A. Thick film materials in sensor construction 14945
Rose, A. *see* Kotecki, D.E. 41487
Rose, C.M. *see* Peters, D.W. 2323
Rose, D. *see* Davies, I.R.L. 23713
Rose, D.M., Farag, A.A. Experiments in Bayesian and neural pattern recognition with applications to textured image classification 5057
Rose, D.M. *see* Farag, A.A. 22175
Rose, E. *see* Bigio, I.J. 20634
Rose, E. *see* Lang, W. 19488
Rose, E.A. *see* Harris, D.B. 3422
Rose, E.A. *see* Sullivan, J.A. 3426
Rose, G., Smith, G. Formal specification of the OSI network layer Standard 8348 14238
Rose, I.A. *see* Cook, A.S. 24693
Rose, J. *see* Brown, S.D. 26800
Rose, J. *see* Osburn, C.M. 19484
Rose, J. *see* Tsai, J.Y. 42615
Rose, J.H., Spooner, T. The microstructural nature of electromigration and mechanical stress voids in integrated circuit interconnect 34836
Rose, J.L., Hodiwalla, N., Zhang, J. Anisotropy influence on B-scan imaging and tissue characterization 7403
Rose, J.L. *see* Popovics, J.S. 33793
Rose, J.W., Chiou, H.-D., Dancil, C. The effects of oxygen content and backseal processes in P/P^+ (111) epitaxial wafers on the yield of power transistors 2484
Rose, K. *see* Chang, C.-T. 18789
Rose, K. *see* Dundar, G. 18936
Rose, K. *see* Kocher, M. 22169
Rose, K. *see* Miller, D. 4381
Rose, L. *see* Kazanzides, P. 24370
Rose, M.F., Johnson, C., Owens, T., Stephens, B. Limiting factors for carbon-based chemical double-layer capacitors 32983
Rose, M.J. *see* Hajto, J. 27584
Rose, M.J. *see* Hajto, J. 27608
Rose, M.J. *see* Hajto, J. 27611
Rose, M.J. *see* Holmes, A.J. 27117
Rose, M.J. *see* Snell, A.J. 27610
Rose, M.T. Challenges in network management 45440
Rose, P. Bidirectional interaction between tone and syllable coda: acoustic evidence from Chinese 13022
Rose, P.J. *see* Henderson, R.D. 9012
Rose, R.M. *see* Gans, R.R. 41512
Rose, T.S., Swenson, J.S., Fields, R.A. High-efficiency longitudinal diode bar pumping of solid-state lasers 20718
Roselle, P. *see* Hseih, B.-C. 2686
Roselli, L. *see* Sorrentino, R. 21330
Roselli, L. *see* Sorrentino, R. 27164
Rosemarin, D. Technique provides simple analysis of PLL functions 18533
Rosen, A. *see* Loubriel, G.M. 28622
Rosen, A. *see* Rosenbaum, R.M. 7462
Rosen, A. *see* Srinivas, R.A. 9675
Rosen, B. *see* Aizenbud, Y. 1120
Rosen, B. *see* Koenemann, B. 1186
Rosen, D. Errors in digital area measurement of regular 2D figures 36866
Rosen, D. The Cloud is coming [enhanced network service] 37245
Rosen, E.C. Feature detection using 2-D Wiener spike filters 22091
Rosen, H.J. *see* Tang, W.C. 28827
Rosen, J., Segev, M., Yariv, A. Wavelength multiplexed computer generated volume holography 12454
Rosen, J., Segev, M., Yariv, A., Barhen, J. Reduction in the reconstruction error of computer-generated holograms by photorefractive volume holography 12448
Rosen, M. *see* Martin, L.P. 43232
Rosen, M. *see* Suter, J.J. 7243
Rosen, P.A. *see* Nagano, I. 29699
Rosen, R.S., Stearns, D.G., Viliardos, M.A., Kassner, M.E., Vernon, S.P., Yuanda Cheng Silicide layer growth rates in Mo/Si multilayers [for soft X-ray optics] 28581
Rosen, R.S. *see* Stearns, D.G. 27817
Rosen, R.S. *see* Vernon, S.P. 26491
Rosen, W. *see* Kanofsky, A.S. 5943
Rosenau, W. *see* Sporleder, F. 30842
Rosenbauer, M. *see* Brandt, M.S. 3367
Rosenbaum, E., Liu, Z., Hu, C. Silicon dioxide breakdown lifetime enhancement under bipolar bias conditions 34622
Rosenbaum, E. *see* Quader, K.N. 34956
Rosenbaum, E. *see* Tu, R.H. 17956
Rosenbaum, F.J., Gregory, R.O., Richard, W.D., Ou, W., Kuhns, F.G., Trimble, T.M. An MMIC twin-tee active bandpass filter 1308
Rosenbaum, H., Cronin, B. Digital entrepreneurship: doing business on the information superhighway 22536
Rosenbaum, R.M., Greenspon, A.J., Hsu, S., Walinsky, P., Rosen, A. RF and microwave ablation for the treatment of ventricular tachycardia 7462
Rosenbaum, S. *see* Larson, L. 34239
Rosenbaum, S.E., Chou, C.S., Ngo, C.M., Larson, L.E., Liu, T., Thompson, M.A. A 7 to 11 GHz AlInAs/GaInAs/InP MMIC low noise amplifier 1635
Rosenbaum, S.E. *see* Brown, J.J. 27203
Rosenberg, A.M. Defining the PC's new role in voice messaging 37372
Rosenberg, B. *see* Korytov, A. 31775
Rosenberg, C. *see* Mazumdar, R. 17994
Rosenberg, E., Yechiali, U. The $M^X/G/1$ queue with single and multiple vacations under the LIFO service regime 9379
Rosenberg, E.I. *see* Crawley, H.B. 24091
Rosenberg, E.I. *see* Crawley, H.B. 46297
Rosenberg, J. *see* Camarota, R. 41788
Rosenberg, J. *see* Camerota, R. 33956
Rosenberg, J. *see* New, D. 14080
Rosenberg, J.J. *see* Kim, M. 1584
Rosenberg, J.J. *see* Moonil Kim 34252
Rosenberg, J.J. *see* Moonil Kim 34279
Rosenberg, J.J. *see* Rutledge, D.B. 27288
Rosenberg, R. *see* Hu, C.-K. 34822
Rosenberg, R. *see* Moske, M.A. 2229
Rosenberg, R.A. *see* Nelson, A.J. 34733
Rosenberg, R.A. *see* Nelson, A.J. 42695
Rosenberg, R.S. Free speech, pornography, sexual harassment, and electronic networks 14132
Rosenberg, T.J. *see* Wang, Z. 44345
Rosenberg, U., Hagele, W. Advanced cavity filter design—compensating for parasitic bypass couplings 27143
Rosenberg, U. *see* Uher, J. 17756
Rosenberg, Z., Brar, N.S. The elasto-plastic response of lateral piezoresistance gauges in shock wave studies 38749
Rosenberger, A. A multichannel adaptive filter for the suppression of surface related multiple reflections in marine seismograms 24477
Rosenberger, A. Burning questions [power plant fuels] 47732
Rosenberger, F.U. *see* Purdy, J.A. 39092
Rosenberger, J. *see* South, C.R. 4461
Rosenberger, J.R. *see* Corcoran, F. 5621
Rosenberger, M., Kock, A., Gmachl, C., Gornik, E., Riechert, H., Bernklau, D. InGaAs/GaAs frequency tunable twin guide quantum well laser designed for steerable surface emission 35866
Rosenberger, M. *see* Gmachl, C. 35863
Rosenberger, M. *see* Kock, A. 3587
Rosenberger, M. *see* Kock, A. 35770
Rosenberger, M. *see* Kock, A. 35829
Rosenblatt, G. *see* Pinto, J.F. 20710
Rosenblatt, G.H., Quarles, G.T., Esterowitz, L., Randles, M., Creamer, J., Belt, R. Continuous-wave 1.94-μm $Tm:CaY_4(SiO_4)_3O$ laser 3481
Rosenblatt, G.H. *see* Pinto, J.F. 35720
Rosenblatt, G.H. *see* Quarles, G.J. 18127
Rosenblatt, J.A. *see* Gibson, H.M. 46161
Rosenbluth, A.E., Progler, C., Fullenbaum, M. Confocal filtering of the instantaneous image in scanned darkfield alignment 27896
Rosenbluth, A.E. *see* Flagello, D.G. 2337
Rosenbluth, M. *see* McKinney, D. 41920
Rosenbury, E.T. *see* Swegle, J.A. 34484
Rosencher, E., Luc, F., Bois, P., Nagle, J., Cordier, Y. Capture time versus barrier thickness in quantum-well structures measured by infrared photoconductive gain 23574
Rosencher, E. *see* Fiore, A. 31212
Rosencher, E. *see* Vinter, B. 46447
Rosendale, G., Payne, J., Pathak, S., Randazzo, T., Larsen, B., Erickson, D., Allum, D., Blaha, F. A 13 ns Mb CMOS EPROM using 1-T FAMOS technology 26950
Rosenfalck, A. *see* Gade, J. 39080
Rosenfeld, A. *see* Bongiovanni, G. 22055
Rosenfeld, A. *see* Chellappa, R. 4924
Rosenfeld, A. *see* Cucka, P. 4876
Rosenfeld, D., Alterovitz, S.A. The effects of strain on the microwave performance of SiGe HBTs 2451
Rosenfeld, D., Alterovitz, S.A. The effect of strain on the base resistance and transit time of ungraded and compositional-graded SiGe HBTs 19782
Rosenfeld, D., Sanjines, R., Schreiner, W.H., Levy, F. Gas sensitive and selective SnO_2 thin polycrystalline films doped by ion implantation 6645
Rosenfeld, E. A method of jitter measurement 6767
Rosenfield, M.G., Thomson, M.G.R., Coane, P.J., Kwietniak, K.T., Keller, J., Klaus, D.P., Volant, R.P., Blair, C.R., Tremaine, K.S., Newman, T.H., Hohn, F.J. Electron-beam lithography for advanced device prototyping: process tool metrology 27934
Rosenfield, M.G. *see* Kwietniak, K.T. 2310
Rosenfield, M.G. *see* Sachdev, H.S. 28047
Rosengard, U. *see* Abrahamsson, K. 15584
Rosenheimer, M. *see* Strecker, W. 47031
Rosenson, A.E. *see* Vyzulin, S.A. 20139
Rosenson, L. *see* Kendall, H.W. 46970
Rosenson, L. *see* Korytov, A. 31775
Rosenson, L. *see* Korytov, A. 46949
Rosenstein, R.G. *see* Kantrowitz, M.L. 25183
Rosenstiel, W. *see* Brand, H.-J. 19942
Rosenthal, M.S., Mallette, L.A., Ishikawa, K.Y., Varney, J. Sneak circuit path within a DPDT relay 41027
Rosenwaks, S. The search for short-wavelength chemical lasers—an overview 11988

Rosenwaks, S. *see* Barmashenko, B.D. 12006
Rosenwaks, S. *see* Barmashenko, B.D. 12007
Rosenwaks, S. *see* Elior, A. 43744
Rosenzweig, J., Barov, N., Hartman, S., Hogan, M., Park, S., Pellegrini, C., Travish, G., Zhang, R., Davis, P., Hairapetian, G., Joshi, C. Initial measurements of the UCLA RF photoinjector 42357
Rosenzweig, J. *see* Bonifacio, R. 43997
Rosenzweig, J. *see* Hartman, S.C. 38818
Rosenzweig, J. *see* Klingenstein, M. 15001
Rosenzweig, J. *see* Klingenstein, M. 31224
Rosenzweig, J. *see* Pellegrini, C. 44002
Rosenzweig, J. *see* Ralston, J.D. 12149
Rosenzweig, J. *see* Ralston, J.D. 12243
Rosenzweig, J. *see* Schofelder, A. 3606
Rosenzweig, J. *see* Zhang, R. 43690
Rosenzweig, J.B. Report of the Working Group on Near-field accelerators 6876
Roser, H.P. *see* Densing, R. 20948
Roser, T. Spin rotators and split Siberian snakes 46787
Roser, T. *see* Huang, H. 7044
Rosevear, R.D. *see* Champion, T.C. 16356
Roshchin, A.A. *see* Mikhailov, V.G. 46793
Roshchupkin, I.M. *see* Ikramov, A.V. 44030
Roshen, W. *see* Korman, C.S. 18481
Roshen, W. *see* Steigerwald, R.L. 40314
Rosier-Lees, S. *see* Beingessner, S.P. 31761
Rosin, D. *see* Bechstedt, U. 6934
Rosin, D. *see* Bechstedt, U. 15536
Rosin, P. Non-parametric multi-scale curve smoothing 22212
Rosin, P., Venkatesh, S. Extracting natural scales using Fourier descriptors 4831
Rosin, P. *see* Venkatesh, S. 22210
Rosin, P.L. Adding scale to corners 4967
Rosin, P.L., Venkatesh, S. Extracting natural scales using Fourier descriptors 4968
Rosin, P.L., West, G.A.W. Non-parametric segmentation of 2D and 3D curves into lines and arcs 13685
Rosin, P.L. *see* West, G.A.W. 29746
Rosinskaya, T.V. *see* Obukhov, S.G. 17015
Rosito, C.A. *see* Fochesatto, G.J. 28923
Rosito, C.A. *see* Peuriot, A.L. 28779
Rosiwal, S. *see* de With, A. 12498
Roska, T., Chua, L.O. The CNN universal machine. II. Programmability and applications 1363
Roska, T. *see* Chua, L.O. 1376
Roska, T. *see* Eross, G. 1364
Roske, R. *see* Appelmann, W. 5309
Roskos, H.G. *see* Gondermann, J. 42141
Roskos, H.G. *see* von Kamienski, E.S. 1383
Roskos, H.G. *see* Waschke, C. 44119
Roskova, G.P. *see* Zilbershtein, A.Kh. 35551
Rosler, E. *see* Viorel, I.A. 40185
Rosler, F. *see* Prade, G. 8803
Rosler, M. *see* Jiang, X. 9611
Rosling, M. *see* Bleichner, H. 42900
Rosling, M. *see* Vobecky, J. 34940
Rosloniec, S., Zebrowski, A. Synthesis of three-port microwave power dividers loaded with different resistances 10408
Rosman, H., Goras, L. Vanishing condition concerning the distortion power for electric circuits in periodic non-harmonic steady-state 41551
Rosner, G. *see* Muller, U. 46907
Rosner, S. *see* Volkel, R. 3374
Roso, G. The distribution network: planning and design [telecommunication] 22367
Rosocha, L.A. *see* Sullivan, J.A. 3426
Rosolem, J.C. *see* Trunk, J. 3037
Rosolen, C. *see* Beaudin, G. 23251
Rosolen, G.C., Hoole, A.C.F., Welland, M.E., Broers, A.N. Integrated nanofabrication with the scanning electron microscope and scanning tunneling microscope 2305
Rosolowski, E. Recursive algorithm of the decaying DC component elimination from power protection signals 16425
Ross, A.J. *see* Bouvier, A.J. 12013
Ross, A.Van *see* Van Ross, A.
Ross, A.W.S. *see* Walton, A.J. 2284
Ross, B. *see* Moriyasu, H. 9980
Ross, B. *see* Moriyasu, H. 10059
Ross, C.A. Anisotropic stress in window-plated Permalloy thin films 2793
Ross, C.B. *see* Corbitt, T.S. 42723
Ross, D.J.C. Bringing technology into project management. A brief look at applying computer technology to the project services environment 40887
Ross, F.M., Hull, R., Bahnck, D., Bean, J.C., Petricolas, L.J., Kola, R.R., King, C.A. Changes in electronic device properties during the formation of dislocations 34912
Ross, G.B. Transmission vs. generation—the AEP/VP interconnection 7849
Ross, G.D. *see* Kendall, H.W. 46970
Ross, G.D. *see* Korytov, A. 31775
Ross, G.F. The far field synchronization of UWB sources by closed loop techniques 42200
Ross, I.N. *see* Bett, T.H. 12315
Ross, I.N. *see* Danson, C.N. 3569
Ross, I.N. *see* Houliston, J.R. 20655
Ross, I.N. *see* Osvay, K. 28924
Ross, I.N. *see* Pepler, D.A. 35947
Ross, I.N. *see* Shaw, M.J. 3423
Ross, I.N. *see* Turcu, I.C.E. 28025
Ross, J., Rubin, M., Gustafson, T.K. Crystalline growth of wurtzite GaN on (111) GaAs 759
Ross, J. *see* Chan, J. 27480
Ross, J. *see* Rothwell, E. 46048
Ross, J.D. *see* Lindsay, A.C. 35531
Ross, J.T. *see* Rubin, M. 18170
Ross, K. *see* Baynat, B. 26276
Ross, K.W. *see* Chung, S.-P. 5260
Ross, M. Frontiers of accelerator instrumentation 6959
Ross, M. *see* Clarke, E.S. 6047
Ross, M. *see* Decker, F.J. 15369
Ross, M. *see* Krejcik, P. 15394
Ross, M. *see* Livesay, W.R. 11002
Ross, M. *see* McCormick, D. 15415
Ross, M. *see* Minty, M. 15342
Ross, M.-J. *see* Laroche, C. 16091
Ross, M.A., Roberts, A.D., Wise, T., Haeberli, W., DeZarn, W.A., Doskow, J., Meyer, H.O., Pollock, R.E., von Przewoski, B., Rinckel, T., Sperisen, F., Pancella, P.V. Polarization measurements of a storage cell target 31615
Ross, M.C., Bong, E., Hendrickson, L., McCormick, D., Zolotorev, M. Experience with wire scanners at SLC 15416
Ross, P.N. Characterization of alloy electrocatalysts for direct oxidation of methanol 17293
Ross, R. Effect of ageing conditions on the type of water treeing [power cables] 16316
Ross, R.R. *see* Aubourg, E. 19925
Ross, R.R. *see* Stockwell, W. 18495
Ross, R.R. *see* Young, B.A. 24033
Ross, W. *see* Goldstein, D.H. 32168
Ross, W.A., Hernandez, J.L. BENeFITS—a step to ATE of the future 23425
Ross, W.E., Karins, J.P., Maki, T., Lucas, J., Kelly, L.G., Cho, J., Lambeth, D.N., Le, T., Mountfield, K., Santhanam, S., Stancil, D., Randles, M., Whitlock, J., Garrity, D. Reflected magneto-optic spatial light modulator (R-MOSLM) advanced development for miniature ruggedized optical correlators (MROC) 28533
Rossa, E., Bovet, C., Disdier, L., Madeline, F., Savioz, J.-J. Real time measurement of bunch instabilities in LEP in three dimensions using a streak camera 15363
Rossbach, J. *see* Balewski, K. 46775
Rosseel, T.M. *see* Park, Y. 42659
Rossek, S.J., Free, C.E. Optical control of microwave signals using GaAs FETs 27258
Rossek, U., Mader, M., Tempel, A. Preparation and characterization of MBE-grown Si/CaF_2 heterostructures 723
Rossel, C., Schulz, R.R., Romano, G. Removable superconducting magnet for UHV applications 20222
Rossel, P. *see* Beydoun, B. 1063
Rossel, P. *see* Kassmi, K. 26731
Rossel, P. *see* Kassmi, K. 35010
Rossel, T. *see* Glunz, W. 953
Rossel, T. *see* Glunz, W. 1178
Rossella, M. *see* Arnaudon, H. 46878
Rossen, L. Proving (facts about) Ruby 18553
Rossen, P.v. *see* Ernst, J. 31659
Rosser, J.G. Overview and status of ANSI/J-STD-001 one year later 34434
Rosser, K.E. An ice calorimeter for photon dosimetry 39129
Rosset, C. *see* Mercier, E. 24990
Rossetto, B. Chua's circuit as a slow-fast autonomous dynamical system 997
Rossetto, G. *see* Sberveglieri, G. 6632
Rossetto, L., Tenti, P., Zuccato, A. AC/AC PWM converters with high-frequency insulation and minimum number of switches 8583
Rossetto, L. *see* Borgatti, R. 40325
Rossetto, L. *see* Leonardi, F. 8635
Rossetto, L. *see* Malesani, L. 8631
Rossi, C. *see* Di Stefano, R. 48317
Rossi, C. *see* Massarotti, A. 15459
Rossi, C. *see* Massarotti, A. 15515
Rossi, D.De *see* De Rossi, D.
Rossi, D.M. *see* Herman, M.H. 28623
Rossi, E. *see* Quadrini, E.M. 15991
Rossi, F. Best exploitation of electric power systems 32369
Rossi, F. *see* de Iorio, I. 21130
Rossi, G. Broadcasting service planning at VHF and UHF: PC-based planning tools for coverage area optimization 6186
Rossi, G. The use of differential earth-leakage protective circuit breakers in low-voltage systems 32951
Rossi, G.C. *see* Pennati, G.P. 16003
Rossi, G.P. *see* Aiello, R. 5488
Rossi, G.Paolo *see* Paolo Rossi, G.
Rossi, J.C. *see* Lubyshev, D.I. 730
Rossi, L. *see* Acerbi, E. 15541
Rossi, L. *see* Acerbi, E. 15548
Rossi, L. *see* Acerbi, E. 15549
Rossi, L. *see* Beer, A. 31662
Rossi, L. *see* Giove, D. 15176
Rossi, M. A model for predicting the prosody of spontaneous speech (PPSS model) 4506
Rossi, M., Kunz, R.E. Phase-matched Fresnel elements for fan-out applications 12455
Rossi, M. *see* Gale, M.T. 12461
Rossi, M. *see* Quadrini, E.M. 15991
Rossi, M.C. *see* Caputo, D. 28596
Rossi, M.C. *see* Conte, G. 42444
Rossi, M.C. *see* Stutzmann, M. 8760
Rossi, R. *see* Lebron, R. 24581
Rossi, R.A. Refinery byproduct emerges as a viable powerplant fuel 25194
Rossi, R.P. Evaluation of a device for indirect assessment of automatic exposure control systems 38999
Rossi, S.De *see* De Rossi, S.
Rossier, F. *see* Kosch, H.H.J. 26900
Rossignol, M.F. *see* Taylor, D.W. 35218
Rossille, D. *see* Le Roux, J. 4703
Rossille, D. *see* Le Roux, J. 45031
Rossing, T.D. *see* Mulcahy, T.M. 48362
Rossington, C. *see* Kin Man Yu 42644
Rossington, C.S., Fine, P.M., Madden, N.W. Large area, low capacitance Si(Li) detectors for high rate X-ray applications 7186
Rossini, P.L. *see* Corbett, E.G. 23160
Rossit, C.A. *see* Laura, P.A.A. 578
Rossiter, B. *see* Kitayoshi, H. 3905
Rosskopf, V. *see* Gornik, E. 42483
Rossler, U. *see* Freytag, B. 1959
Rossman, P.J. *see* Liu, Yu.L. 47044
Rossmanith, M. *see* Schneider, H. 38496
Rossmanith, R. *see* Norum, B.E. 15367
Rossnagel, S.M., Hopwood, J. Metal ion deposition from ionized magnetron sputtering discharge 42751
Rossner, U., Laugier, J., Magnea, N. Structural characterization of $Cd_{1-x}Zn_xTe(001)$ layers grown by molecular beam epitaxy on $Cd_{0.96}Zn_{0.04}Te$ substrates 41376
Rosso, C., Moretti, P., Mugnier, J., Barbier, D., Teisseyre, Y., Bouillot, J. Proton implanted waveguides in lithium iodate 3105
Rosso, C., Moretti, P., Mugnier, J., Barbier, D., Teisseyre, Y., Bouillot, J. Waveguides in lithium iodate by means of proton implantation 28475
Rosso, E. *see* Adam, W. 46929
Rosso, G. *see* Franceschini, G. 40267
Rosso, V. *see* Alfano, B. 15724
Rosso, V. *see* Bandettini, A. 15723
Rosso, V. *see* Bencivelli, W. 31729
Rossum, M.van *see* van Rossum, M.
Rost, S., Leu, K.-S. EPRI's POWERCOACH software development project 32347
Rost, T.A. *see* Lin, D.-G. 11195
Rost, T.A. *see* Smith, E.B. 35200
Rostami, K.R. A low-frequency sine-wave generator for supplying a Hall probe 33867
Rostamkolai, N., Wegner, C.A., Piwko, R.J., Elahi, H., Eitzmann, M.A., Garzi, G., Tietz, P. Control design of Santo Tome back-to-back HVDC link 24900
Rostamy, Z. *see* Verma, A.K. 10398
Rostan, F., Heidrich, E., Wiesbeck, W. Design of aperture-coupled patch antenna arrays with multiple dielectric layers 29382
Rostan, F. *see* Hollmann, D. 4221
Rosten, H. *see* Azar, K. 40965
Rostoker, N. *see* Garate, E. 46812
Rostovtsev, I.L. *see* Kuzmin, V.A. 2405
Rosvold, G.O. Video-based vibration analysis using projected fringes 38761
Roszel, L., Powell, T., Garland, M., Prevedel, D., Kacines, J. Dual C40 multichip module: technology to application 306
Roszkiewicz, J. *see* Zaporowski, B. 25313
Rotari, S.L. *see* Artamonov, G.T. 11745
Rote, D.M. *see* He, J.L. 48364
Rote, D.M. *see* Jian Liang He 48369
Rote, D.M. *see* Mulcahy, T.M. 48362
Rote, G., Vogel, A. A heuristic for decomposing traffic matrices in TDMA satellite communication 13871
Rotenberg, M. *see* Denning, D. 5390
Rotenburg, M. Communications privacy: implications for network design 5306
Roth, A.P. *see* Sudersena Rao, T. 41331
Roth, D.R., McNulty, P.J., Abdel-Kader, W.G., Strauss, L., Stassinopoulos, E.G. Monitoring SEU parameters at reduced bias [CMOS SRAM] 34065
Roth, D.R. *see* Reed, R.A. 35076
Roth, E. *see* Lee, I.-J. 17995
Roth, E.M., Mumaw, R.J., Pople, H.E., Jr. Enhancing the training of cognitive skills for improved human reliability: lessons learned from the cognitive environment simulation project 39793
Roth, E.M., Mumaw, R.J., Stubler, W.F. Human factors evaluation issues for advanced control rooms: a research agenda 39752
Roth, G. Extraction of parametrically defined geometric primitives 29751
Roth, G. *see* Chen, G. 29067
Roth, G. *see* Cheung, W. 38714
Roth, G. *see* Hsu, T.-Y. 2381
Roth, G. *see* Nystrom, S. 38298
Roth, H., Beez, T. Fundamental design aspects for the development of a highly shaped antenna and breadboard measurements 21456
Roth, H., Beez, T. Highly shaped satellite antenna for constant flux illumination of the earth from low orbits 29301
Roth, J.A. *see* de Lyon, T.J. 654

Roth, K.-D., Blasing-Bangert, C. Actual performance data on the new pattern placement metrology tool Leitz LMS 2020 31471
Roth, K.-D. *see* Trube, J. 26940
Roth, P. *(editor)* Proceedings of the 6th European Conference on Integrated Optics and Technical Exhibit. ECIO 93 9131
Roth, R. *see* Hall, J. 37284
Roth, R.W., Kurschner, H.-G., Muller, G., Piel, H., Reschke, D. Thermal stability of superconducting Nb cavities at 3 GHz 15519
Roth, R.W. *see* Bonin, B. 15430
Roth, R.W. *see* Reschke, D. 15509
Roth, S. *see* Bauerle, P. 26528
Roth, S.S., Cooper, K.J., Kirsch, H.C., Ray, W., Hendrix, L., Simon, G. PELOX integrated PBL 10149
Roth, T.J. *see* Mawst, L.J. 12182
Roth, Z.S. *see* Hanqi Zhuang 46334
Rothacher, M. *see* Mervart, L. 39350
Rothard, H. *see* Bachler, J. 46934
Rothbart, G.B. *see* Gary, C.K. 15766
Rothberg, E., Gupta, A. An evaluation of left-looking, right-looking and multifrontal approaches to sparse Cholesky factorization on hierarchical-memory machines 26362
Rothberg, L.J., Hsu, J.W.P., Wilson, W.L., Jedju, T.M., Yan, M., Hsieh, B.R. Photogenerated processes in poly(p-phenylenevinylene)s 35567
Rothberg, O.O. *see* Johnson, C.E. 39746
Rothberg, S., Hilmar, J., Milne, R.J., Konopka, J. A market-driven methodology for improving servicability through an integrated customer/supplier partnership (CSP) 165
Rothe, H., Duparre, A., Riedel, P., Timm, M. Real-time defect detection using multi-aperture fiber optic sensors and machine learning 46480
Rothe, H., Truckenbrodt, H. Laser triangulation near the diffraction limit 38708
Rothe, H., Woldenga, C. CAQ with multivariate statistical methods 40987
Rothe, M. *see* Rohlig, S. 25886
Rothe, T. *see* Friedrich, M. 15334
Rothenaichel, P. Definitions of 'synthesis' of electronic systems 26779
Rothenberg, L.N. Mammography instrumentation: recent developments 15807
Rothenheber, E. *see* Stone, G.M. 7437
Rother, M. *see* Hill, M. 42610
Rothermel, H., Gundlach, K.H. A quasioptical SIS receiver for submillimeter radioastronomy 14745
Rothermel, H. *see* Thompson, D.J. 7145
Rothermel, K. An open commit protocol preserving consistency in the presence of commission failures 45353
Rothermel, K., Dermler, G. Synchronization in joint-viewing environments 14172
Rothfritz, H., Muller, R., Buchegger, C., Trankle, G., Weimann, G. Chemical beam epitaxial growth of GaInAs(P)/InP heterostructures for laser applications 43875
Rothig, W., Melcher, E., Dana, M. Probabilistic power consumption estimation in digital circuits 33945
Rothkegel, W. *see* Hermann, A. 37314
Rothley, J. *see* Laubenbacher, C. 24249
Rothman, M. *see* Young, K.G. 7242
Rothman, M.A., Thompson, J.A., Armiento, C.A. Multichamber RIE processing for InGaAsP ridge waveguide laser arrays 12126
Roths, C. *see* Bohm, C. 2645
Roths, C. *see* Bohm, C. 43046
Roths, C. *see* Mertin, W. 1650
Rothschild, M., Doran, S.P., Barouch, E., Hollerbach, U., Orszag, S.A. Evaluation of depth-of-focus in photolithography at 193 and 248 nm for feature sizes of 0.25 μm and below 27946
Rothschild, M., Sedlacek, J.H.C. Laser-induced damage in pellicles at 193 nm 11035
Rothschild, M. *see* Kunz, R.R. 27826
Rothuizen, H. *see* Blanc, N. 1910
Rothwarf, A. *see* Gribnikov, Z. 19801
Rothweiler, S.G. *see* Chakradhar, S.T. 1132
Rothweiler, S.G. *see* Dey, S. 26878
Rothwell, E., Chen, K.M., Nyquist, D.P., Ilavarsan, P., Ross, J., Bebermeyer, R., Li, Q. Radar target identification and detection using short EM pulses and the E-pulse technique 46048
Rothwell, E.J. *see* Ilavarasan, P. 46031
Rothwell, M.B. *see* Coane, P. 2321
Rothwell, M.B. *see* Wright, S.L. 19871
Rotman, S.R., Kowalczyk, M.L. Clutter analysis for modeling and improving human and automatic target acquisition 32157
Rotman, S.R., Tidhar, G., Kowalczyk, M.L. Clutter metrics for target detection systems 29723
Rotolo, S. *see* Cadeddu, R. 23070
Rotolo, S. *see* Gerla, M. 30710
Rotolo, S. *see* Hill, G.R. 6051
Rotondale, N. *see* Bucci, G. 40224
Rotondale, N. *see* Gentile, G. 47867
Rotondaro, A.L.P. *see* Simoen, E. 19817
Rotondo, F. *see* Bellwied, R. 31684
Rottengatter, P. *see* Freitag, I. 12277
Rottenkolber, M., Thomann, W., Russer, P. Characterization and optimization of electrooptic sampling by volume-integral-method and application of space-harmonic potential 6366
Rotter, K. *see* Kennedy, I. 47068
Rotthaler, M. Aspects of programme production on film for future wide screen TV systems 14783
Rottschalk, M., Bachmann, T., Steinberg, St., Ruske, J.-P. Annealed proton-implanted channel waveguides in $LiNbO_3$ and their photorefractive properties 35472
Rottwitt, K., Povlsen, J.H., Bjarklev, A. Long distance transmission through distributed erbium-doped fibers 45952
Rottwitt, K., Povlsen, J.H., Bjarklev, A., Lumholt, O., Pedersen, B., Rasmussen, T. Long haul transmission in aluminum and germanium codoped distributed erbium doped fibers 5886
Rottwitt, K. *see* Aakjer, T. 23021
Rottwitt, K. *see* Bjarklev, A. 43447
Rottwitt, K. *see* Grunnet-Jepsen, A. 3505
Rottwitt, K. *see* Lester, C. 29023
Rottwitt, K. *see* Lester, C. 35412
Rottwitt, K. *see* Lumholt, O. 20667
Rottwitt, K. *see* Rasmussen, T. 11654
Roturier, J., Ali, L.B., Elkari, A. Energy efficient microcomputer: an increasing concern 9011
Rou, S.H. *see* Al-Shareef, H.N. 34293
Rou, S.H. *see* Gifford, K.D. 11369
Rouatbi, F., Haroun, B., Al-Khalili, A.J. Power estimation tool for sub-micron CMOS VLSI circuits 26593
Rouaud, D. *see* Puttgen, H.B. 8861
Roubaud, F., Dachs, C., Palau, J.-M., Gasiot, J., Tastet, P. Experimental and 2D simulation study of the single-event burnout in N-channel power MOSFETs 34986
Roubeau, P. *see* Dutta, J. 33675
Roubik, J.R., Payne, D.A. Sol-gel derived thin-layer capacitors integrated on silicon 19166
Rouch, H., Pons, M., Benezech, A., Barbier, J.N., Bernard, C., Madar, R. Modelling of CVD reactors: thermochemical and mass transport approaches for $Si_{1-x}Ge_x$ 9727
Rouchouze, B. *see* Cicconi, P. 45051
Rouco, L., Perez-Arriaga, I.J. Multi-area analysis of small signal stability in large electric power systems by SMA 24613
Roudard, I. The proposed Community Design Regulation and Directive. Proposal for a European Parliament and Council Regulation on Community design (94/C 29/02) COM (93) 342 final—COD 463 (submitted by the Commission on 3.12.93). Proposal for a European Parliament and Council Directive on the legal protection of designs (93/C 345/09) COM (93) 344 final—COD 464 (submitted by the Commission on 3.12.93) 40845
Roudas, I. *see* Jaouen, Y. 23062
Roudet, J. *see* Schanen, J.L. 32915
Roudet, J. *see* Scheich, R. 8595
Roudier, P. *see* Glotin, F. 7019
Rouffet, D. *see* Coulomb, B. 22821
Rouffet, D. *see* Jung, P. 22957
Rouger, M. *see* Dentan, M. 34183
Rouget, R. *see* Bronoel, G. 17208
Rouhani, M.D., Gue, A.-M., Camon, H., Cohen-Solal, G. Atomic scale simulation of microtechnologies 42833
Rouhiainen, P. *see* Ahokas, H. 16014
Rouillard, Y. *see* Lambert, B. 9637
Rouillard, Y. *see* Lambert, B. 28494
Rouille, C. *see* Veron, L. 40371
Rouleau, D. *see* Lecomte, R. 15737
Roulin, M. *see* Antonsen, T.M., Jr. 1787
Roullard, P. *see* Hunt, J.H. 3451
Roullier, T., Cheung Lam Magnetic amplifier post regulator simulation provides load and temperature effects 1048
Roullier, T., Dick, D. Top down phased-lock loop design using analog behavioral simulation 10024
Roulston, D.J. *see* Manku, T. 19356
Roulston, D.J. *see* Sadovnikov, A. 28104
Roulston, D.J. *see* Sadovnikov, A.D. 19774
Roulston, K. Angel discrimination in the ARSR-4 joint use radar 23184
Roumeliotis, J.A., Manthopoulos, H.K., Manthopoulos, V.K. Electromagnetic scattering from an infinite circular metallic cylinder coated by an elliptic dielectric one 4061
Roumes, C. *see* Leger, A. 47200
Roumiguiere, F., Nemcic, K. Application of the Siemens/KWU secondary side chemistry concept to operating plants: secondary side consulting at NPP Krsko 39890
Roumina, K. *see* Delvalle, R.B. 31097
Roundy, C.B. Laser beam diagnostics: technologies and performance 35957
Roura, P. *see* Lopez-Villegas, J.M. 1905
Rouse, G. *see* Stauffer, D. 39334
Rouse, G.H. *see* Zhang, H. 15805
Rouse, H.B. *see* Hobbs, B.F. 24850
Roush, L. *see* Quinn Brackett, R. 24980
Roush, R.A. *see* Brinkmann, R.P. 28635
Roush, R.A. *see* Mazzola, M.S. 28632
Rousina, R. *see* Dzioba, S. 41412
Rouskas, G., Ammar, M.H. Analysis and optimization of transmission schedules for single-hop WDM networks 6024
Rousseau, J.J. *see* De Palma, J.F. 32964
Rousseau, J.J. *see* Viverge, P.J. 17055
Rousseau, J.J. *see* Viverge, P.J. 26679
Rousseaux, F. *see* Chen, Y. 28031
Rousseaux, F. *see* Haghiri-Gosnet, A.M. 28214
Rousseeuw, B.A.C. *see* Hilbrandie, G.R. 35265
Rousseeuw, P.J. *see* Mili, L. 24627
Roussel, A.-M. ISDN: alternative routing for European LAN interconnect 45648
Roussel, H. SNCF relations with the power supplies 17578
Roussel, T., Taisant, J.-P. Optimizing space constellations for mobile satellite systems 37914
Roussel, T. *see* Coulomb, B. 22821
Roussel, Y. *see* Legros, F. 38028
Roussel-Dupre, R. Optimization of HPM device parameters for maximum air transmission 29321
Roussel-Ragot, P. *see* Dreyfus, G. 4643
Rousselot, J.Y. *see* Churoux, P. 11752
Rousset, A., Legros, R., Lagrange, A. Recent progress in the fabrication of ceramic negative temperature coefficient thermistors 42257
Rousset, J. *see* Carvalho, P. 1489
Rousset, O. *see* Cinotti, L. 7341
Roussignol, P., Martinez-Pastor, J., Vinattieri, A., Delalande, C., Lunn, B. Time resolved optical study of vertical transport in $Cd_{0.82}Mn_{0.18}Te/CdTe$ superlattices 42513
Roussinov, Vl. *see* Gospodinov, P. 20310
Rousso, B. *see* Irani, M. 45067
Roussopoulos, N. *see* Haritsa, J.R. 30309
Roussos, J.A. *see* Anderson, W.T. 34268
Roussos, J.K., Economou, E.G., Georgiadis, P. Congestion avoidance in high speed interconnected voice data traffic LANs 37498
Roussos, J.K., Economou, E.G., Philokyprou, G. Congestion control protocols for interconnected LANs supporting voice and data traffic 22623
Roustan, J.C. *see* Aboudihab, I. 31239
Rout, T.P. Process assessment—increasing confidence in telecommunications software development 13996
Route, R.K. *see* Bhar, G.C. 12373
Route, R.K. *see* Bhar, G.C. 29018
Route, R.R. *see* Gordon, L. 12349
Routen, T. Genetic algorithm and neural network approaches to local access network design 37278
Routledge, D. *see* Valk, E.C. 23872
Routley, P., Brunnschweiler, A., Ashburn, P. Application of a multivariable optimiser to the design of CMOS buffers 18583
Routray, A. *see* Dash, P.K. 24776
Routt, T.J. APPN and TCP/IP: plotting a backbone strategy 45370
Routt, T.J., Pickens, J.R. TCP/IP vs. APPN performance analysis 45369
Rouvaen, J.M. *see* Derouiche, Z. 15705
Rouvaen, J.M. *see* Goutin, P. 11712
Rouvinen, J. *see* Silvennoinen, R. 47062
Roux, C. *see* Hammou, A. 17329
Roux, G.Le *see* Le Roux, G.
Roux, J.F., Cabaud, B., Fuchs, G., Guillot, D., Hoareau, A., Melinon, P. Mass selection of neutral clusters in low-energy cluster beam deposition experiments: is it realistic? 33722
Roux, J.Le *see* Le Roux, J.
Roux, P. *see* Thomas, J.-L. 32132
Roux, P.Le *see* Le Roux, P.
Roux-dit-Buisson, O., Ghibaudo, G., Brini, J., Guegan, G. Low-frequency noise and random telegraph signals in 0.35μm silicon CMOS devices 19814
Roux-dit-Buisson, O. *see* Brini, J. 28153
Rovelli, A. *see* Migneco, E. 7144
Rovera, D.G. *see* Zondy, J.J. 3452
Roverano, M. *see* Sexton, M. 22449
Roveri, A. *see* Daino, B. 46018
Rovers, W.M.H.M. Description of a design management system for the P-ASIC design flow using EXPDL 33823
Rovetta, A., Sala, R., Cosmi, F., Xia Wen, Sabbadini, D., Milanesi, S., Togno, A., Angelini, L., Bejczy, A. Telerobotics surgery in a transatlantic experiment: application in laparoscopy 39082
Rovetta, A. *see* Milanesi, S. 17142
Roviras, D., Castanie, F. Equivalent channel for audio-hidden digital transmission 21699
Rovnak, J.A., Cho, Y.Y., Chambers, P.M. Dynamic analysis of boiler gas path draft for FGD upgrades 32700
Row, J.S. *see* Wong, K.L. 1474
Row Jeen-Sheen *see* Jeen-Sheen Row
Rowe, A.L., French, J., Neville, K.J., Eddy, D.R. The prediction of cognitive performance degradations during sustained operations 16105
Rowe, B. *see* O'Shaughnessy, K. 47008
Rowe, D.M., Min, G., Chen, Y.A. The role of oxygen in increasing the carrier concentration of n-type silicon germanium-gallium phosphide alloys 19355
Rowe, D.M. *see* Fu, L.W. 1873
Rowe, D.M. *see* Kiely, J.H. 33077
Rowe, D.P., Watts, P.M. Laser beam scanning 43705
Rowe, H. Recent developments in liberalization of the UK international telecommunications services 13988
Rowe, H. Telecommunications: overview 30268
Rowe, H., Proudler, G. A review of the right to privacy, with emphasis on interception of communications 30333

Rowe, K.W. Sitting on the ergonomic hot seat 23790
Rowe, L.A., Smith, B.C. A continuous media player 6256
Rowe, L.A. *see* Schank, P.K. 17766
Rowe, L.A. *see* Smith, B.C. 4787
Rowe, N.C. *see* Seem, D.A. 44959
Rowe, R. *see* Xia, H. 29180
Rowe, S. *see* Barrault, M. 32506
Rowe, W.A. *see* Ziock, H.-J. 46885
Rowe, W.A. *see* Ziock, H.J. 7184
Rowland, J.G., Jain, L.C. Knowledge-based systems for instrumentation diagnosis, system configuration and circuit and system design 18400
Rowland, J.R. *see* Babin, S.M. 7610
Rowland, L.B., Kern, R.S., Tanaka, S., Davis, R.F. Gas-source molecular beam epitaxy of monocrystalline β-SiC on vicinal $\alpha(6H)$-SiC 700
Rowlands, I.H. International influences on electricity supply in Zimbabwe 47345
Rowlands, T. *see* Boreham, B.W. 3684
Rowlandson, G.I. *see* Reddy, B.R.S. 15861
Rowles, C., Huang, X., de Beler, M., Vonwiller, J., King, R., Matthiesson, C., Sefton, P., O'Donnell, M. Using prosody to assist in the understanding of spoken English 4579
Rowles, C. *see* Kowalczyk, A. 13028
Rowles, C.D., Liu, H. Evolving a design 5405
Rowley, E.J. *see* Beck, C.E. 25136
Rowley, R. *see* Firth, D. 25165
Rowley, W.R.C. *see* Barwood, G.P. 6296
Rowley, W.R.C. *see* Barwood, G.P. 6297
Rowley, W.R.C. *see* Barwood, G.P. 6798
Rowson, S. *see* Hundley, W. 46137
Roy, A., Burns, G., Champenari, R. Knowledge based vision system for inspection of industrial components 9339
Roy, A. *see* Barragan, L.A. 13829
Roy, A. *see* Pal, S.K. 8722
Roy, A.K., Thomsen, P.L., Jain, A.K., Avent, B.L., Woodford, D.A., Hanif, M., Inoue, Y. Upgrading of HVDC systems 47486
Roy, D. *see* Muscat, A.J. 27681
Roy, D.K. A note on the Shukla-Sen drift velocity model for hot charge carriers in Ge and Si 10649
Roy, G., Vallee, G., Jean, M. Lidar-inversion technique based on total integrated backscatter calibrated curves 24516
Roy, G. *see* Berman, L.E. 24225
Roy, I.Le *see* Le Roy, I.
Roy, J.S., Jecko, B. A formula for the resonance frequencies of circular microstrip patch antennas satisfying CAD requirements 12736
Roy, K. A bounded search algorithm for segmented channel routing for FPGA's and associated channel architecture issues 26807
Roy, K., Bingzhong Guan, Sechen, C. A sea-of-gates style FPGA placement algorithm 41828
Roy, K., Guan, B., Sechen, C. FPGA MCM partitioning and placement 18408
Roy, K., Prasad, S.C. Circuit activity based logic synthesis for low power reliable operations 33984
Roy, K. *see* Sun, W.-J. 19934
Roy, L. *see* Omar, A.A. 1437
Roy, M.-F. *see* Gonzalez-Vega, L. 33521
Roy, M.F. *see* Ligatsikas, Z. 33514
Roy, M.K. *see* Chakraborty, U.K. 26324
Roy, M.Van *see* Van Roy, M.
Roy, P.K., Kook, T., Kizilyalli, I.C., Nanda, A.K. Compound sidewall space technology for submicron MOSFET 11232
Roy, P.K., Nanda, A.K., Taylor, J.A. Layered poly/amorphous silicon deposition process for improved silicide integrity 19430
Roy, R., Marleau, G., Tajmouati, J., Rozon, D. Modelling of CANDU reactivity control devices with the lattice code DRAGON 32621
Roy, R., Shanker, O. Calculation of intercavity coupling coefficient for side coupled standing wave linear accelerator 23951
Roy, R. *see* Krishnan, R. 15319
Roy, R.A., Catania, P., Saenger, K.L., Cuomo, J.J., Lossy, R.L. Role of energetic atoms and ions in Ta films grown by different physical vapor deposition methods 815
Roy, R.A. *see* Etzold, K.F. 9782
Roy, R.H. *see* Guanghan Xu 44993
Roy, R.H. *see* Gyugyi, P.J. 19485
Roy, R.H., III *see* Guanghan Xu 36758
Roy, R.J. *see* Sharma, A. 24292
Roy, R.K., Chatterjee, A., Patel, J.H., Abraham, J.A., d'Abreu, M.A. Automatic test generation for linear digital systems with bi-level search using matrix transform methods 26865
Roy, R.K. *see* Chakradhar, S.T. 41842
Roy, R.K. *see* Chatterjee, A. 34101
Roy, R.K. *see* Chatterjee, A. 41948
Roy, R.P. *see* Beckman, P. 6843
Roy, R.P. *see* Green, G.D. 2976
Roy, S., Fang, S.-J. Designing and testing heavy dead-end towers 32455
Roy, S., Malik, O.P., Hope, G.S. Real-time test results with adaptive speed controllers for a diesel prime-mover 25239
Roy, S. *see* Chen, D.S. 45801
Roy, S. *see* Liu, T. 14796
Roy, S.C.Dutta *see* Dutta Roy, S.C.
Roy, S.K. *see* Kar, S. 10456
Roy, S.K. *see* Mitra, M. 10454
Roy, S.K. *see* Mitra, M. 27227
Roy, T. *see* Robbins, M.S. 38864
Royals, D.M., Markas, T., Kanopoulos, N., Reif, J.H., Storer, J.A. On the design and implementation of a lossless data compression and decompression chip 1254
Royalty, J.E. The medium of mediums CD-I in language learning 23341
Roychoudhury, I., Bhattacharya, D. Coplanar waveguide for microwave integrated circuits. A review 27278
Roychowdhury, J.S., Newton, A.R., Pederson, D.O. Algorithms for the transient simulation of lossy interconnect 26635
Roychowdhury, V. *see* Chatterjee, C. 22100
Royer, D., Dubois, N., Benoist, P. Optical probing of acoustic fields—Application to the ultrasonic testing of steam generator tubes 16086
Royer, D. *see* Corbel, C. 9842
Royer, D. *see* Corbel, C. 18378
Royer, D. *see* Noroy, M.-H. 16024
Royer, H. In-line microholography with two crossed recording beams 21109
Royer, J.P. *see* Barnett, I. 15672
Royer, V. *see* Wolffer, N. 3894
Royer, V. *see* Wolffer, N. 12346
Royo, F. *see* Kohl, A. 9643
Royo, J.A., Cespedes, R.H. Energy and distribution management implementation as part of an integrated network information system 7870
Roysam, B. *see* Bhattacharjya, A.K. 37012
Royset, A., Bjerkan, L., Sudbo, A.S. Compensation of optical fibre dispersion in the electrical domain for transmission systems with direct detection 30749
Roytelman, I., Shahidehpour, S.M. Practical aspects of distribution automation in normal and emergency conditions 32406
Roytelman, I., Shahidehpour, S.M. State estimation for electric power distribution systems in quasi real-time conditions 32407
Rozanov, N.E. *see* Golub', Yu.Ya. 35908
Rozanov, N.E. *see* Golub, Yu.Ya. 43967
Rozanov, N.N. Decay of radiation beams with wavefront dislocation 36018
Rozario, N., Papoulis, A. Some results in the application of polyspectra to certain nonlinear communication systems 5848
Rozati, S.M., Mirzapour, S., Takwale, M.G., Marathe, B.R., Bhide, V.G. Influence of substrate temperature on tin oxide thin films deposited by electron beam evaporation technique 872
Rozati, S.M., Mirzapour, S., Takwale, M.G., Marathe, B.R., Bhide, V.G. Influence of annealing on evaporated indium oxide thin films 33678
Rozdgestvensky, B.V. *see* Kirillov, V.G. 25763
Roze, M.P. *see* Rutkis, M.A. 12358
Rozenbaum, L.B. *see* Gusev, G.S. 42202
Rozenberg, V.I. *see* Eremin, Yu.A. 29156
Rozenboom, J. *see* Duarte, J.L. 17599
Rozenboom, J. *see* Wijntjens, J.A.A. 17073
Rozgonyi, G. *see* Buczkowski, A. 3314
Rozgonyi, G.A. *see* Braga, N. 34908
Rozgonyi, G.A. *see* Erokhin, Yu.N. 10749
Rozgonyi, G.A. *see* Honeycutt, J.W. 10745
Rozgonyi, G.A. *see* Hong, F. 2243
Rozgonyi, G.A. *see* Ping Liu 685
Rozgonyi, G.A. *see* Pramanick, S. 34844
Rozhdestvensky, B.V. *see* Ananiev, S.M. 15680
Rozhdestvensky, B.V. *see* Kukhtin, V.P. 15581
Rozhin, V.V. *see* Zykov, B.N. 11710
Rozhkov, A.V. *see* Korol'kov, V.I. 12292
Rozhkov, O. *see* Gorelov, A. 35523
Rozhkov, O.V. *see* Gorelov, A.M. 11747
Rozhkov, V.A., Petrov, A.I., Shalimova, M.B. Erbium, neodymium, and gadolinium fluoride antireflective coatings for silicon photoelectric devices 43604
Rozhkov, V.A. *see* Petrov, A.I. 10759
Rozhnev, A.G. *see* Kleyev, A.I. 29257
Rozhnyatovskaya, S.A. *see* Aksinenko, V.D. 6380
Rozhnyatovskaya, S.A. *see* Aksinenko, V.D. 7265
Rozikov, Kh. *see* Mirsagatov, Sh.A. 25685
Rozinaj, G. *see* Podhradsky, P. 26901
Rozinowicz, J., Eng, P. Proactive heat exchanger program [Pickering nuclear plant] 16603
Rozman, A. *see* Szepesi, T. 26711
Rozman, M. *see* Hrovat, M. 35255
Rozno, A.G. Analysis of electroacoustic methods of electric-field and polarization diagnostics in the bulk of a dielectric 38650
Rozon, D. *see* Roy, R. 32621
Rozov, I.D. Power optimisation of positional DC drives with two-zonal speed control 8819
Rozsa, K. *see* Janossy, M. 43714
Rozsa, K. *see* Peard, K.A. 28738
Rozuvan, S.G., Tikhonov, E.A. Power resonances in synchronously pumped dye lasers using Sagnac resonators 44016
Rozzi, T., De Leo, R., Pierantoni, L., Zappelli, L. Fundamental mode propagation in GTEM cell and scattering by conducting cubes 29138
Rozzi, T., Gerini, G., Farina, M. Efficient characterization of millimetric TW FETs with finite metallization 27224
Rozzi, T. *see* Cascio, L. 19011
Rozzi, T. *see* Cerri, G. 27119
Rozzi, T. *see* Chiaraluce, F. 29251
Rozzi, T. *see* De Flaviis, F. 1567
Rozzi, T. *see* De Leo, R. 44438
Rozzi, T. *see* Moglie, F. 29253
Rozzi, T. *see* Mongiardo, M. 21324
Rozzi, T. *see* Morini, A. 1456
Rozzi, T. *see* Pennock, S.R. 29378
Rtischev, D., Nahamoo, D., Picheny, M. Speaker adaptation via VQ prototype modification 36614
Ru, P., Chow, W.W., Moloney, J.V., Koch, S.W. Quantum confinement and strain effects on the lateral mode stability of an unstable resonator semiconductor laser 43832
Ru, P., Moloney, J.V., Indik, R., Koch, S.W., Chow, W.W. Microscopic modelling of bulk and quantum-well GaAs-based semiconductor lasers 12245
Ru Guo *see* Guo Ru
Ru Tong Hong, Qun Zhang Li, Wen Bin Zhu, Xu Cheng Lu Non-error binary phase only filter (BPOF) implementation in optical pattern recognition 5040
Ru-Feng Lu *see* Lu Ru-Feng
Ru-Jun Wu *see* Ze-Chun Cao 27323
Ru-Shan Ni *see* Ping Liu 685
Ru-xin Li *see* Zhi-zhang Xu 3453
Rualt, M.O. *see* Bernas, H. 10836
Ruan, J.-Z. *see* Nunoya, Y. 31680
Ruan, Y. *see* Chen, B. 8428
Ruan Chengli The strict solution for electromagnetic missiles 12520
Ruan Gang Research progress on SiGe-base HBT 11143
Ruan Gang *see* Niu Guofu 19531
Ruan Li Qun *see* Li Qun Ruan
Ruan Shunling *see* Yuan Libo 28451
Ruan Yaozhong *see* Yaozhong Ruan
Ruan Yingzheng, Feng Ling, Han Xiaoying FSS reflector antennas with small RCS 12750
Ruan Yu *see* Cao Danhua 20143
Ruane, M. *see* Greenwald, A. 9781
Ruano, M.G., Fish, P.J. Cost/benefit criterion for selection of pulsed Doppler ultrasound spectral mean frequency and bandwidth estimators 31894
Ruano, M.G. *see* Nocetti, D.F.G. 7380
Ruault, M.-O., Fortuna, F., Bernas, H., Kaitasov, O. In situ study of in-beam cobalt silicide growth in silicon 34673
Ruban, A.A. *see* Rabinovich, E.V. 9451
Ruban, A.A. *see* Rabinovich, E.V. 9452
Rubanov, A.S., Serebryakova, L.M. Properties of phase-conjugate resonator with point-source hologram 3929
Rubanov, A.S. *see* Agishev, I.N. 3843
Rubanov, A.S. *see* Dritz, V.V. 3799
Rubanov, A.S. *see* Dritz, V.V. 3819
Rubanov, A.S. *see* Ivanova, N.A. 3798
Rubanov, A.S. *see* Ivanova, N.A. 3840
Rubanov, N.S. *see* Bovbel, Ye.I. 1335
Rubashkin, A.S., Khesin, M. Dynamic models for fossil power plant training simulators 32687
Rubashkin, S.G., Pavel'yev, A.G., Yakovlev, O.I., Kucheryavenkov, A.I., Sidorenko, A.I., Zakharov, A.I. Reflection of radar waves by the ocean surface for bistatic radar using two satellites 16006
Rubbia, C. Heavy-ion accelerators for inertial confinement fusion 6881
Rubbia, C. Inertial fusion: a contribution of accelerator technology to the energy problem? 15372
Rubel, P., Willems, J.L., Zywietz, C., Fayn, J. Towards open data interchange and processing of serial ECGs 15859
Rubel, P. *see* Fayn, J. 15884
Rubel, P. *see* Fayn, J. 39079
Rubel, P. *see* Peyrin, F. 15874
Ruben, E.A. *see* Badalyan, V.G. 18346
Ruben, E.A. *see* Badalyan, V.G. 18388
Rubenchik, A.M. *see* Aceves, A.B. 36031
Ruberti, R.N., Hoebel, L.J. Artificial intelligence technology program at Rome Laboratory 32151
Ruberto, C.Di., Ruocco, N.Di., Nappi, M., Vitulano, S. The reconstruction problem: a quadratic approach 5028
Rubertus, G.P. Ultra-reliable digital avionics 39430
Rubiales, A.L. *see* Livesay, W.R. 11002
Rubin, B.J. *see* Daijavad, S. 44458
Rubin, D. *see* Moffat, D. 15431
Rubin, D. *see* Padamsee, H. 15428
Rubin, E.S. *see* Frey, H.C. 40031
Rubin, H., Natarajan, N. A distributed software architecture for telecommunication networks 37343
Rubin, H.-D. Alternate interconnect methods using conductive adhesives 40920
Rubin, I., Lin, K.D. Input rate flow control for high speed communications networks using burst level feedback control 45294
Rubin, M., Newman, N., Chan, J.S., Fu, T.C., Ross, J.T. p-type gallium nitride by reactive ion-beam molecular beam epitaxy with ion implantation, diffusion, or coevaporation of Mg 18170
Rubin, M. *see* Chan, J. 27480
Rubin, M. *see* Ross, J. 759
Rubinacci, G. *see* Albanese, R. 44217
Rubine, D. *see* Dannenberg, R.B. 5330

Rubinelli, F.A. The origin of quantum efficiencies greater than unity in a-Si:H Schottky barriers 28083
Rubinelli, F.A. *see* Hou, J.-Y. 23577
Rubino, A. *see* Conte, G. 42444
Rubino, J.C.P. *see* Girgis, A.A. 47379
Rubino, U. *see* Marsan, M.A. 5201
Rubinov, A.N., Asimov, M.M., Varpakhovich, A.G. The spectral narrowing of a high-power flashlamp-pumped dye laser by injection of external narrow-band radiation 35701
Rubinov, A.N. *see* Bermas, T.B. 43752
Rubinshtain, G.R. Estimation of EMC conditions eliminating adjacent channel interference in receivers of land mobile cellular radio systems 45784
Rubinstein, F., Siminovitch, M., Verderber, R. Fifty percent energy savings with automatic lighting controls 8961
Rubinstein, J. *see* Blatt, N. 45094
Rubio, A., Itazaki, N., Xu, X., Kinoshita, K. An approach to the analysis and detection of cross-talk faults in digital VLSI circuits 34007
Rubio, A. *see* Champac, V.H. 35080
Rubio, A.J. *see* Segura, J.C. 12992
Rubio, A.J. *see* Segura, J.C. 44776
Rubio, F.R. *see* Camacho, E.F. 40059
Rubio, H. *see* Tejedor, M. 6744
Rubio, J. *see* Lopez-Sancho, J.M. 2251
Rubio, J. *see* Refolio, M.C. 34778
Rubio Bretones, A. *see* Gomez Martin, R. 29091
Rubiola, E., Del Casale, A., De Marchi, A. Noise induced time interval measurement biases 23910
Ruble, R., Clarke, R. Designing flyback converters. I. Design basics 18490
Ruble, R., Clarke, R. Passive component and magnetics considerations for flyback converters 26677
Rublinskiy, V.A., Iyevlev, O.P. A functional model of the construction of microprocessor systems for controlling digital switching systems with overloads 14342
Rubloff, G.W. *see* Dana, S.S. 838
Rubner, R. *see* von Gentzkow, W. 18317
Rubtsova, L.K. *see* Saitbatalova, R.S. 9029
Ruby, R. *see* Quenter, D. 11551
Ruby, R.C. *see* Lee, G.S. 28413
Ruby, S.L. *see* Baron, A.Q.R. 47027
Ruby, W. *see* Koelle, D. 28416
Ruby, W.J. *see* de la Houssaye, P.R. 20214
Ruby, W.S. *see* Burns, M.J. 2891
Ruchti, R. Performance of multiclad scintillating and waveguide optical fibers read out with visible light photon counters 24073
Ruchti, R. *see* Abbott, B. 7245
Ruchti, R. *see* Abbott, B. 31776
Ruchti, T.L. *see* Garside, J.J. 25405
Ruciak, F. *see* Pautet, M.B. 14452
Ruck, B., Pavlovski, B., Oettler, M. Aspects of accuracy in LDA turbulence measurements 12497
Ruck, D. *see* Calvin, J. 27115
Ruck, D. *see* Colombi, J. 29546
Ruck, D. *see* Geurts, J. 5076
Ruck, D. *see* Miao, J. 2059
Ruck, D.W. *see* Burns, T.J. 36785
Ruck, D.W. *see* Fielding, K.H. 29863
Ruck, D.W. *see* Kouba, E.T. 30869
Ruck, D.W. *see* Lee, J.K. 4592
Ruck, D.W. *see* Montera, D.A. 36860
Ruck, D.W. *see* Montera, D.A. 47320
Ruck, D.W. *see* Swanson, D.E. 29769
Rucker, F. The impact of the variation of instantaneous attenuation frequency scaling factors on up-link power control 45878
Ruckforth, K. *see* Butzer, P.L. 18057
Rucklidge, W.J. *see* Huttenlocher, D.P. 4788
Rucks, D. *see* Fricke, K. 31182
Ruckschloss, M., Landkammer, B., Veprek, S. Light emitting nanocrystalline silicon prepared by dry processing: the effect of crystallite size 839
Ruczewski, P. *see* Eichhorn, K.Fr. 7859
Ruczewski, P. *see* Lobos, T. 13421
Rud, V.Yu. *see* Berkeliev, A. 38498
Rud', V.Yu. *see* Berkeliev, A. 42468
Rud, V.Yu. *see* Zhilyaev, Yu.V. 38497
Rud, Yu.V. *see* Berkeliev, A. 38498
Rud', Yu.V. *see* Berkeliev, A. 42468
Rud, Yu.V. *see* Kradinova, L.V. 1867
Rud, Yu.V. *see* Zhilyaev, Yu.V. 28605
Rud, Yu.V. *see* Zhilyaev, Yu.V. 38497
Ruda, H. *see* Qu, X.H. 20901
Rudakov, L.I. Self-similar solutions of the electron magnetohydrodynamic equations and the theory of the plasma current breaker 17102
Rudakova, A.P. *see* Alfyorov, V.I. 24449
Rudan, M. *see* Vecchi, M.C. 23508
Rudberg, D.A., Stover, J.C., Southwood, M., Bjork, D.R. Design review of a unique camera aided positioning system 6789
Rudchik, A.T. *see* Dolinsky, A.V. 15287
Rudchik, A.T. *see* Dolinsky, A.V. 15677
Rudd, E.J., Gibbons, D.W. High energy density aluminum/oxygen cell 33011
Rudd, J.G. Roles of APL in satellite surveillance 38399
Rudd, J.G. *see* Marsh, R.A. 32020
Rudd, J.V., Korn, G., Kane, S., Squier, J., Mourou, G., Bado, P. Chirped-pulse amplification of 55-fs pulses at a 1-kHz repetition rate in a Ti:Al_2O_3 regenerative amplifier 12086
Rudd, S.E. Bringing wireless data communications into the mainstream 22678
Ruddell, K., Bleijs, J.A.M., Freris, L.L., Infield, D.G., Smith, G.A. A wind/diesel system with variable speed flywheel storage 25294
Rudder, R.A., Posthill, J.B., Hudson, G.C., Malta, D.P., Thomas, R.E., Markunas, R.J., Humphreys, T.P., Nemanich, R.J. Chemical vapor deposition of diamond films using water:alcohol:organic-acid solutions 856
Ruddock, I.S. *see* Sinclair, A.G. 20334
Rudduck, R.C., Lee, T.-H., Chang, Y.-C. The multi-point GTD and extended aperture integration techniques for analysis of reflector antennas 44548
Rudduck, R.C. *see* Lee, T.-H. 44579
Rudeck, P.J. *see* Petersen, E.L. 34872
Rudeck, P.J. *see* Woodruff, R.L. 34066
Rudell, B. *see* Lindahl, O.A. 7326
Rudello, V. *see* Calabrese, R. 38804
Ruden, P.P. *see* Wang, Y. 23587
Ruden, T.E. *see* Ye, J.Z. 42362
Ruden, W.Von *see* Von Ruden, W.
Rudenko, A.I. *see* Arkhipov, V.I. 28298
Rudenko, B.A. *see* Atamanchuk, I.G. 27659
Rudenko, L.N., Simonenko, L.S., Sorokin, A.N. Diagnostics of current transfer on the electrodes of MHD-generator 25729
Rudenko, L.N. *see* Ganefeld, R.W. 25728
Rudenko, L.N. *see* Zalkind, V.I. 25725
Rudenko, O.V., Sapozhnikov, O.A. Undelayed self-focusing of nondispersive waves with a broad spectrum 28988
Rudenko, Yu.N. *see* Kucherov, Yu.N. 39526
Ruderman, M.A. *see* Juergens, T. 40439
Ruderman, W. *see* Gualtieri, J.G. 20048
Rudervall, R. *see* Gleadow, J.C. 47468
Rudge, A., Davey, J., Raistrick, I., Gottesfeld, S., Ferraris, J.P. Conducting polymers as active materials in electrochemical capacitors 25626
Rudge, A. *see* Toker, O. 38910
Rudge, A.W. I'll be seeing you: multimedia communications in the 21st century 5345
Rudge, A.W. I'll be seeing you [telecommunications services] 22380
Rudge, A.W. I'll be seeing you: multimedia communications in the 21st century 45391
Rudikov, N.A. *see* Borisov, V.I. 45747
Rudin, G. *see* Elperin, T. 40951
Rudin, H. *see* Dammer, U. 28348
Rudin, L., Nordby, F., Koepfler, G., Morel, J.-M. Fast variational algorithm for clutter removal through pyramidal domain decomposition 45176
Ruditskii, R.S. Ensuring symmetric operating conditions of power transformers of pulse-width-modulation inverters with a sinusoidal output voltage 16920
Rudkowska, G. *see* Ciureanu, P. 6464
Rudkowska, P. *see* Ciureanu, P. 6464
Rudnick, E.M., Fuchs, W.K., Patel, J.H. Diagnostic fault simulation of sequential circuits 1160
Rudnicki, J.D. *see* Cairns, E.J. 17289
Rudnicki, M. Smoothing strategies in solving inverse electromagnetic problems 36100
Rudoi, I.G. *see* Berkeliev, B.M. 11930
Rudoi, I.G. *see* Berkeliev, B.M. 11931
Rudolf, F. *see* Gobet, J. 26466
Rudolf, R. *see* Klinz, B. 33483
Rudolph, E. *see* Grabowski, J. 5276
Rudolph, G. *see* Wagner, A. 25911
Rudolph, H. Simulation of thermal effects in integrated circuits with SPICE≫—a behavioural model approach 19976
Rudolph, K. *see* Facco, A. 15404
Rudolph, K. *see* Facco, A. 31554
Rudolph, K. *see* Fortuna, G. 6906
Rudolph, M., Stock, G. Induction heating of fluid food 48497
Rudolph, M. *see* Griesinger, U.A. 27923
Rudolph, M. *see* Koops, H.W.P. 27916
Rudolph, M. *see* Kretz, J. 33692
Rudolph, P., Schroter, H., Rinas, U., Zimmermann, H., Boyn, R. Control of composition and substitutional acceptor density during crystal growth of CdTe 33582
Rudolph, T.H. *see* Perala, R.A. 39134
Rudra, A., Sugiura, H., Ling, J., Bonard, J.M., Ganiere, J.D., de Fays, M., Araujo, D., Ilegems, M. One-step growth of buried heterostructures by chemical beam epitaxy over patterned InP substrates 41330
Rudra, A. *see* Carlin, J.F. 9649
Rudra, A. *see* McKinley, J.T. 44082
Rudra, A. *see* Saint-Cricq, B. 3668
Rudra, A.M. *see* Bhar, G.C. 12373
Rudra, A.M. *see* Bhar, G.C. 28974
Rudra, A.M. *see* Bhar, G.C. 29018
Rudra, A.M. *see* Bhar, G.C. 35985
Rudwick, T. *see* Muller, H. 9309
Rue, R.A.La *see* La Rue, R.A.
Rue, R.M.De La *see* De La Rue, R.M.
Rue-Ding Li, Erneux, T. Bifurcation to standing and traveling waves in large arrays of coupled lasers 35789
Rueda, A., Huertas, J.L., Vazquez, D. Design for testability techniques in switched-capacitor circuits 10284
Rueda, A. *see* Huertas, J.L. 10275
Rueda, A. *see* Huertas, J.L. 10277
Rueda, J. *see* Hernando, J.L. 38282
Ruegenberg, G. *see* Loch, M. 14588
Ruegenberg, G. *see* Loch, M. 38027
Rueger, L.J., Norton, J.R., Lasewicz, P.T. Long-term performance of precision crystal oscillators in a near-Earth orbital environment 10003
Rueger, L.J., Norton, J.R., Lasewicz, P.T. Long-term performance of precision crystal oscillators in a near-Earth orbital environment 20086
Ruegg, R. *see* Levy, C.D.P. 31636
Ruegg, R. *see* Schmor, P.W. 15580
Ruegg, R.J. *see* Dersch, U. 5780
Ruegsegger, P., Kalender, W.A. A phantom for standardization and quality control in peripheral bone measurements by PQCT and DXA 31874
Ruegsegger, S. *see* Delvalle, R.B. 31097
Ruegsegger, T. *see* Braun, C. 24563
Ruelle, N., Landeau, T. Interpretation of elevation-scan HF backscatter data from Losquet Island radar 7595
Ruepped, R.A. *see* Xuejia Lai 12959
Rueppel, R.A. *see* Nyberg, K. 29430
Ruesch, J. *see* Schadlick, J. 31195
Ruesink, N. *see* van Galen, F. 6258
Rueter, F.G. *see* Suleiman, O.H. 15941
Rueter, F.G. *see* Suleiman, O.H. 24179
Ruetschi, M. *see* Dammer, U. 28348
Ruetz, P.A. *see* Ang, P.H. 22167
Ruevski, S. *see* Pavlov, D. 25640
Ruey-Beei Wu *see* Chien-Wen Chiu 21346
Ruey-Beei Wu *see* Ming-Shing Lin 29228
Ruey-Ching Shyu, Jhing-Fa Wang, Chaug-Ching Huang, Chung-Hsien Wu, Jyh-Shing Shyuu, Jau-Yien Lee Combining multi-section Bayesian template with level-building algorithm for robust connected Mandarin digit recognition 21665
Ruey-Kuen Perng *see* Pole-Shang Lin 19497
Ruey-Lue Wang *see* Yan-Kuin Su 34894
Ruey-Shi Chu, Kuan Min Lee Analysis and development of a signal injection technique using transmission lines embedded at phased array aperture 29388
Ruey-Shi Chu *see* Kuan-Min Lee 36413
Ruf, A. *see* Dietrich, T.R. 26530
Ruf, M.J. *see* Fazel, K. 38274
Rufenach, C.L. *see* Shuchman, R.A. 32109
Rufer, A.-C., Minder, R., Moen, T.-E. Operating experience at the 500 kW photovoltaic plant PHALK Mont-Soleil 16725
Ruff, C.F. *see* Hill, D.L.G. 15774
Ruff, J. *see* Siegman, A.E. 3744
Ruff, M., Grotstollen, H. Identification of the saturated mutual inductance of an asynchronous motor at standstill by recursive least squares algorithm 8852
Ruff, M. *see* Pfirsch, F. 19749
Ruffie, G. *see* Beaudin, G. 23251
Ruffin, P.B., Smith, R.H. Fiber winding approaches for environmentally-robust IFOG sensor coils 6531
Ruffin, P.B. *see* Jones, S. 20319
Ruffin, P.B. *see* Yu, F.T.S. 6514
Ruffin, P.B. *see* Yu, F.T.S. 15067
Ruffin, P.B. *see* Yu, F.T.S. 23671
Ruffner, J.A., Slaughter, J.M., Eickmann, J., Falco, C.M. Epitaxial growth and surface structure of (0001)Be on (111)Si 18168
Rufino, J. *see* Rodrigues, L. 45354
Rugar, D. *see* Hoen, S. 20280
Rugar, D. *see* Terris, B.D. 27446
Rugelbak, J. *see* South, C.R. 4461
Ruger, P. *see* Bilitewski, U. 6609
Ruggeri, G. *see* Bonaldi, P. 47801
Ruggeri, S. *see* Chiaroni, D. 37687
Ruggi, A. *see* Chiappini, A. 44449
Ruggieri, M. *see* Ananasso, F. 30665
Ruggieri, M. *see* Corazza, G.E. 37912
Ruggiero, A.G. Power excitation by the use of a RF wiggler 6945
Ruggiero, A.G. The muon collider (Sandro's Snake) 6964
Ruggiero, A.G., Wei, J. Conversion of power and frequency [particle accelerators] 7015
Ruggiero, A.G. *see* Maletic, D. 38790
Ruggiero, A.G. *see* Milutinovic, J. 38781
Ruggiero, F. *see* Caspers, F. 7078
Ruggiero, U. *see* Ficarella, A. 47762
Ruggli, M. The autonomy of safety alarm systems 33304
Ruha, A., Kostamovaara, J., Saynajakangas, S. A micropower analog-digital heart rate detector chip 47093
Ruhe, J. *see* Frogner, M. 8273
Ruhl, F. Tradeoff between gain and noise performance in optimisation of erbium doped fibre amplifiers 35732
Ruhl, G., Rehmet, R., Knizova, M., Veprek, S. In situ XPS studies of the deposition of thin films from tetrakis (dimethylamido) titanium organometallic precursor for diffusion barriers 34842
Ruhl, H.-W. *see* Dobler, S. 37623
Ruhl, J., Walther, T. Current sensor as microsystem. Principle: contactless measurement with magnetoresistive bridge 23525
Ruhl, K. *see* Genz, H. 15271

Ruble, R. *see* Buckner, W.F. 16395
Ruhle, W., Stumpe, D. Voltage ratio technique used with the national RF standard attenuation measuring equipment at the PTB 23841
Ruhle, W.W. *see* Pedersen, J.E. 23623
Ruhm, K. Model-based measurement. Structures of measurements in examples. I 6272
Ruhm, K. Model-based measurement. II. Structures of measurement in examples 14863
Ruhrig, M. *see* Sanneck, E. 43272
Rui, R. *see* Bonutti, F. 24109
Rui Weng *see* Weng Rui
Rui-Bing Zhang *see* Zhang Rui-Bing
Rui-Wu Peng *see* Peng Rui-Wu
Ruian Wu *see* Wu Ruian
Ruidong Bai *see* Bai Ruidong
Ruifen Wu *see* Wu Ruifen
Ruighaver, A.B. Reconfigurable optical interconnection networks without optical switching 28565
Ruihua Cheng *see* Cheng Ruihua
Ruihua Dou *see* Dou Ruihua
Ruikun Wu *see* Wu Ruikun
Ruile, W., Meier, H. Determination of elastic constants of thin films for improved CAD modeling of SAW filters and resonators 11434
Ruile, W. *see* Holm, A. 43236
Ruile, W. *see* Machui, J. 1300
Ruile, W. *see* Machui, J. 2769
Ruile, W. *see* Manner, O. 2751
Ruile, W. *see* Ruppel, C.C.W. 11421
Ruile, W. *see* Scholl, G. 2766
Ruilin Ma *see* Ma Ruilin
Ruimin Hu *see* Hu Ruimin
Ruining Li, Changde Xie, Junmin Wang, Xiaoyan Liang, Kunchi Peng, Guanfeng Xu CW Nd:MgO:$LiNbO_3$ self-frequency-doubling laser at room temperature 28775
Ruining Li *see* Li Ruining
Ruiperez, P. *see* Aranda, J. 36704
Ruiu, D. ATM at your service? 45557
Ruiwei Li *see* Li Ruiwei
Ruixi Yuan An adaptive routing scheme for wireless mobile computing 45540
Ruixin Jin *see* Jin Ruixin
Ruiyu Liu *see* Liu Ruiyu
Ruiz, A. *see* Barrios, L.J. 14936
Ruiz, A. *see* Fritsch, C. 7657
Ruiz, A.L. *see* Ortega, J. 18588
Ruiz, A.M.Del Amo *see* Del Amo Ruiz, A.M.
Ruiz, B. *see* Herron, J. 22612
Ruiz, C. *see* Poon, C.Y. 6814
Ruiz, C. *see* Rodriguez, C. 16432
Ruiz, C. *see* Rodriguez, C. 32499
Ruiz, D.P. *see* Carrion, M.C. 30889
Ruiz, D.P. *see* Gallego, A. 30890
Ruiz, E., Walling, L., Goren, Y., Spayd, N. Liner impedance calculations using HFSS 46707
Ruiz, E.Garcia *see* Garcia Ruiz, E.
Ruiz, J., Aramendi, E., Ubierna, A. A new educational packet for passive and active filter design 106
Ruiz, J.B. *see* Munoz-Garcia, S.G. 37733
Ruiz, L. *see* Coulomb, B. 22821
Ruiz, L. *see* Raja, P. 30473
Ruiz, M.J. *see* Llorca, A.L. 24164
Ruiz, O. *see* Marco, S. 1824
Ruiz, O. *see* Marco, S. 6403
Ruiz, P. *see* Carter, A. 13436
Ruiz, R. *see* Barro, S. 7458
Ruiz, R. *see* Kolawa, E. 10998
Ruiz, R.P. *see* Chen, J.S. 27570
Ruiz, R.P. *see* Reid, J.S. 11000
Ruiz Castell, L.A., Medina Munoz, J.J. Intelligence in uninterruptible supply systems 25543
Ruiz Macia, R. An introduction to the phenomena of superconductivity. III 43343
Ruiz Macias, J.L. *see* Gomez Exposito, A. 24695
Ruiz Palacios, E. Technologies for intelligent power semiconductor devices 19957
Ruiz-Moreno, S. *see* Guitart, J. 3409
Ruiz-Moreno, S. *see* Guitart, J. 3703
Ruizheng Chen *see* Chen Ruizheng
Ruizheng Cheng *see* Cheng Ruizheng
Ruizhong Rao *see* Heli Wei 24496
Rujia Wu *see* Wu Rujia
Rujing Zhou *see* Jianliang Wang 16237
Rujing Zhou *see* Zhou Rujing
Rujiwara, M. *see* Burke, C. 5679
Rujun Chen *see* Chen Rujun
Rukavina, J.P. *see* Husman, M.S. 34418
Rukavishnikov, V.M. Phase detection and estimation of carrier frequency of weak signals in a noise background 21709
Rukes, B. Power plant concepts with gas turbines 39994
Rukhadze, A.A., Sever'yanov, V.V. Physical nature of monotron instability 27427
Rukhadze, A.A. *see* Kuzelev, M.V. 34476
Rukhin, V.B. *see* Dudkin, V.A. 44032
Rukhlenko, A.S. Optimal and suboptimal design of SAW bandpass filters using the Remez exchange algorithm 10256
Rukhlenko, A.S. Optimal and suboptimal synthesis of surface acoustic wave filters 20114
Rukhlyadev, Yu.V. *see* Omelaev, A.I. 15091
Rukin, S.N. *see* Bushlyakov, A.I. 47972
Rukin, S.N. *see* Kotov, Yu.A. 25520
Rukoyatkin, P.A. *see* Issinsky, I.B. 46804
Rukui Li *see* Li Rukui
Ruland, R.E. *see* Bressler, V.E. 7106
Ruland, R.E. *see* Fischer, G.E. 15362
Rulison, A. *see* Won-Kyu Rhim 4011
Rul'kov, N.F., Volkovskii, A.R. Synchronized chaos in electronic circuits 33856
Rul'kov, N.F., Volkovskii, A.R., Rodriguez-Lozano, A., Del Rio, E., Velarde, M.G. Synchronous chaotic behaviour of a response oscillator with chaotic driving 41710
Rul'kov, N.F. *see* Wu, C.W. 26641
Rull, F. *see* Jimenez, J. 9856
Rullan, M. *see* Blom, F.C. 19996
Rullhusen, P. Novel X-ray sources produced by electron beams 6917
Rullier, J.L., Alberti, S., Danly, B.G., Giguet, E., Gulotta, G., Kimura, T., Menninger, W.L., Temkin, R.J. High power CARM and harmonic gyro-amplifier experiments 43694
Rullier, J.L. *see* Alberti, S. 3405
Rullier, J.L. *see* Donohue, J.T. 43960
Rulliere, E. *see* Yonnet, J.-P. 43323
Rulofs, A. *see* Colling, P. 20190
Rulofs, A. *see* Frank, M. 24026
Rulofs, A. *see* Nagel, U. 24049
Ruman Qiu *see* Qiu Ruman
Rumaner, L.E. *see* Benz, M.G. 11517
Rumberg, J. *see* Jonsson, J. 41360
Rumble, E.T. *see* Fink, R.T. 39831
Rumin, N. *see* Nabavi-Lishi, A. 26862
Rumin, N.C. *see* Martin, D. 2674
Rumler, S. *see* Biesenack, J. 33836
Rummer, D.I. *see* Rummer, R.B. 10054
Rummer, R.B., Rummer, D.I. An inexpensive digital rotation sensor 10054
Rummler, J. HERA e^- injection with septum and kicker technology 15560
Rummler, J. *see* Babaian, A.Z. 15398
Rumpel, D., Kempinski, W., Frey, S. A dynamic system diagram concept for the management of high voltage networks 39514
Rumpel, D., Krost, G. Principles of a language oriented data system and its ES application 39493
Rumpel, D. *see* Krost, G. 32269
Rumsby, P.T. *see* Harvey, E.C. 44172
Rumsewicz, M.P. Analysis of the effects of SS7 message discard schemes on call completion rates during overload 22311
Rumyantsev, B.L. *see* Belyakov, L.V. 30759
Rumyantsev, E.L. *see* Germanenko, A.V. 34617
Rumyantsev, R.I. A chamber for antenna measurements with a reduced level of reflections 21384
Rumyantsev, S.L. *see* Levinshtein, M.E. 11234
Rumyantsev, S.L. *see* Levinshtein, M.E. 34547
Rumyantsev, V.D., Rodriguez, J.A. Luminescent characterization of contactless AlGaAs/GaAs heterostructure for solar cells and diodes 19385
Rumyantsev, V.D. *see* Andreev, V.M. 17394
Rumyantseva, O.D. *see* Burov, V.A. 39010
Run, A.J.v. *see* Koek, B.H. 27867
Run, A.J.van *see* van Run, A.J.
Run Wu *see* Wu Run
Run-Sheng Du *see* Du Run-Sheng
Run-Sheng Song *see* Ze-Chun Cao 27323
Runacres, A. *see* Eustace, R.W. 47778
Runde, M. *see* Giese, R.F. 25043
Runde, M. *see* Giese, R.F. 32496
Rundensteiner, E.A., Gajski, D.D., Bic, L. Component synthesis from functional descriptions 18427
Rundquist, D.C. *see* Narayanan, R.M. 46090
Rundquist, R.R. *see* Guha, A. 5546
Runesson, K. *see* Klisinski, M. 33566
Rung-Ywan Tsai, Kuo, L.C., Ho, F.C. Optical characterization of amorphous SiN_x:H films prepared by plasma-enhanced CVD 18268
Rung-Ywan Tsai, Lee-Chin Kuo, Fang Chuan Ho Amorphous silicon and amorphous silicon nitride films prepared by a plasma-enhanced chemical vapor deposition process as optical coating materials 3292
Runge, K. *see* Bachler, J. 46915
Runge, K. *see* Bachler, J. 46934
Runge, K. *see* Baechler, J. 46909
Runge, K. *see* Bertuccio, G. 31788
Runge, M. *see* Buchholz, H. 8942
Rungis, J. *see* Heydon, R.G. 43189
Runjie Ying *see* Jialin Xie 43973
Runkel, J. *see* Por, G. 39870
Runtao Ye *see* Ye Runtao
Runyon, K.R. Advanced graphics processor 39290
Ruo Peng Wang *see* Bertolotti, M. 20898
Ruo-Ding Li *see* Chonghoon Kim 28982
Ruo-Ju Li *see* Li Ruo-Ju
Ruocco, N.Di. *see* Ruberto, C.Di. 5028
Ruohoniemi, J.M. *see* Hanuise, C. 7600
Ruolian Jiang *see* Jiang Ruolian
Ruomei Mu *see* Xiongyan Tang 30708
Ruopeng Wang *see* Wang Ruopeng
Ruosi, A. *see* Esposito, E. 31773
Ruozhen Wang *see* Wei Liu 3181
Rup, R. *see* Sharma, H.B. 2711
Rupaal, A.S. *see* Youngblood, G.E. 17369
Rupnik, T. *see* Majaron, B. 28752
Rupp, C.C. *see* Bannister, P.R. 4314
Rupp, G. *see* Gutierrez, S. 34427
Ruppel, C. *see* Dill, R. 30630
Ruppel, C.C.W., Dill, R., Fischerauer, A., Fischerauer, G., Gawlik, A., Machui, J., Muller, F., Reindl, L., Ruile, W., Scholl, G., Schropp, I., Wagner, K.C. SAW devices for consumer communication applications 11421
Ruppel, C.C.W. *see* Scholl, G. 2766
Ruppelt, R. *see* Fan, C. 45346
Rupprecht, M. Multimedia technology to create efficient workplaces 45404
Rupprecht, W. Odd-order Volterra circuits with potential application to blind equalization of linear channels 29405
Rus, B. *see* Zeitoun, P. 43709
Rusack, R. *see* Cushman, P. 24012
Rusack, R. *see* Hulbert, M. 7206
Rusaev, V.I. *see* Kuznetsov, B.I. 40523
Rusanen, O. *see* Lenkkeri, J. 19269
Rusanovich, I.Yu. *see* Chaly, V.P. 43877
Rusby, A. *see* Katz, A. 42788
Rusch, H.J. Battery charging assisted by forced electrolyte circulation 33007
Rusch, L.A., Poor, H.V. Narrowband interference suppression in spread spectrum communications via multiuser detection techniques 22887
Rusch, L.A., Poor, H.V. Improved algorithms for narrowband interference suppression in direct sequence spread spectrum 37710
Rusch, W. *see* Hoge, D. 48340
Rusch, W.V.T. *see* En-Yuan Sun 44591
Ruschin, S. Transverse profile shaping of laser beams by means of aspherical mirror resonators 3713
Ruschin, S. *see* Kronik, L. 35935
Ruschin, S. *see* Sorek, Y. 20341
Rusek, A., Brol, L. The computer calculation analysis of the volume drawing force of the multilayer model of the cylindrical motor in the rectangular space coordinate system 40177
Rusek, A., Brol, L., Lis, M. Electromagnetic parameters of the cylindrical motor with the multilayer model in the rectangular space coordinate system 40178
Rusetsky, A.S. *see* Grishin, V.M. 15649
Rush, B.M. *see* Brusic, V. 11488
Rush, C. *see* Bylsma, B. 15667
Rush, C.J. *see* Bylsma, B.G. 31675
Rush, J.D. *see* Jones, C.A. 35445
Rush, J.D. *see* Jones, C.A. 43669
Rush, K. A study of pulse parameter accuracy in real-time digitizing oscilloscope measurements 38598
Rush, K. *see* Montijo, A. 34129
Rush, T., Snyder, J. INTELSAT VIII; INTELSAT's next generation satellite 45887
Rushanan, J. *see* Games, R.A. 29490
Rushbrook, P. *see* Okada, Y. 42936
Rushby, J. A fault-masking and transient-recovery model for digital flight-control systems 24385
Rushchapkin, W.A. *see* Kolobov, V.M. 25730
Rushforth, C.K. *see* Xie, Z. 5192
Rushnok, A.J., Bork, D.L., Adamczyk, W.F., Stewart, D.B. Resource levelized scheduling of transmission & distribution projects 39560
Rushworth, S. *see* Graham, R.M. 18157
Rusi El Hassani, A.J. *see* Badertscher, A. 7311
Rusin, F.S. *see* Dumesh, B.S. 10618
Rusjan, B. Building selfcontrol as a basis for rational indoor heating and cooling 48479
Ruske, J.-P. *see* Rottschalk, M. 35472
Ruskey, F. Simple combinatorial gray codes constructed by reversing sublists 44678
Ruskey, F. *see* Koda, Y. 490
Russ, K.B., Cherry, S.R., Roberts, N.C., Hall, T.J., Walton, A.L. Free-space optical networks using diffractive and refractive micro-optics 11794
Russ, K.B. *see* Hall, T.J. 11905
Russ, L. *see* Shi, L.P. 35471
Russak, M.A. *see* Brusic, V. 11488
Russakovich, N.A. *see* Budagov, J. 46955
Russakovich, N.L. *see* Budagov, J. 46955
Russchenberg, H.W.J. Doppler polarimetric radar measurements of the gamma drop size distribution of rain 47266
Russell, A. Necessary and sufficient conditions for collision-free hashing 12937
Russell, A.D. *see* Garren, A.A. 46763
Russell, D.A., Ebert, R. Efficient generation and heterodyne detection of 4.75-μm light with second-harmonic generation 21018
Russell, D.J. *see* Turner, J. 24925
Russell, G., Learmonth, D.S. Testing analogue functions using m-sequences 1342
Russell, G., Learmonth, D.S. A BIST scheme for the detection of catastrophic faults in analogue functions 27096
Russell, G. *see* Learmonth, D.S. 46293
Russell, G.J., Pitcher, E.J., Daemen, L.L. Split-composite spallation neutron source targets and accelerator production of tritium 31540
Russell, G.J. *see* Qiu, J.E. 6827
Russell, H.J., III, Connaughton, M., Joseph, E.J., Rogers, L. Shipboard hardened fiber optic cables utilizing thermoset jackets 6007
Russell, J. ISDN testing: patterns throughout Europe 14269
Russell, J. Upgrading to 9600BPS modems: a rocky path 22703
Russell, J. *see* Drutman, C. 29193
Russell, J.B. *see* McColgin, W.C. 2685
Russell, K.L. *see* McFee, J.E. 7692

Russell, L.C., Rockway, J.W. EM visualization on a SGI 4D workstation 44357
Russell, P.E. *see* Stark, T.J. 2318
Russell, P.E. *see* Stark, T.J. 27913
Russell, P.E. *see* Vitarelli, J. 40906
Russell, P.St.J., Archambault, J.-L. Temporal and spatial instabilities and nonlinear beam-steering of light in periodic media 3887
Russell, P.St.J. *see* Abdulhalim, I. 43434
Russell, P.St.J. *see* Archambault, J.-L. 28470
Russell, P.St.J. *see* Dong, L. 35407
Russell, P.St.J. *see* Wait, P.C. 35994
Russell, R.A. A tactile sensor skin for measuring surface contours 31172
Russell, S. *see* Jian Li 2260
Russell, S.D. *see* Burns, M.J. 2891
Russell, S.D. *see* de la Houssaye, P.R. 20214
Russell, S.J. *see* Nguyen, D.C. 43972
Russell, S.J. *see* Sheffield, R.L. 44008
Russell, St.P.J. *see* J. Russell, St.P.
Russell, S.V., McHugh, D., Moreman, B.R. A programmable Doppler string test object 15818
Russell, T. Some operational issues between independent generators and an independent grid 32346
Russell, T.A., Bostian, C.W., Rappaport, T.S. A deterministic approach to predicting microwave diffraction by buildings for microcellular systems 37865
Russell, T.A. *see* Hendrix, C.E. 4122
Russell, T.C. *see* Carragher, R. 17870
Russell, T.C. *see* Chou, N.-C. 23423
Russell, T.J. Matched-line directional dividers 18994
Russell, T.W.F. *see* Rockett, A. 40470
Russell, W.E., Jr. Product data for life cycle support 19195
Russell, W.T. Advanced reactor control room design and licensing 39830
Russenschuck, S. Pareto-optimization in computational electromagnetics 3960
Russer, P., Isele, B. Modeling of skin effect in TLM 44488
Russer, P. *see* Anzill, W. 1539
Russer, P. *see* Anzill, W. 26743
Russer, P. *see* Anzill, W. 42212
Russer, P. *see* Bender, H. 44295
Russer, P. *see* Fillebock, M. 1494
Russer, P. *see* Gungerich, V. 1583
Russer, P. *see* Hang Jin 42245
Russer, P. *see* Isele, B. 1497
Russer, P. *see* Jin, H. 1628
Russer, P. *see* Jin, H. 42226
Russer, P. *see* Krumpholz, M. 29128
Russer, P. *see* Krumpholz, M. 44522
Russer, P. *see* Machui, J. 1300
Russer, P. *see* Meier, H. 11435
Russer, P. *see* Meier, H. 20115
Russer, P. *see* Muller, G. 42031
Russer, P. *see* Rinck, A. 7665
Russer, P. *see* Rottenkolber, M. 6366
Russer, P. *see* Sattler, S. 1415
Russer, P. *see* Sattler, S. 44560
Russer, P. *see* Thomann, W. 1440
Russer, P. *see* Vanselow, M. 12709
Russer, P. *see* Weigel, R. 1301
Russer, P. *see* Weigel, R. 1484
Russer, P. *see* Weigel, R. 43235
Russier, I. *see* Bouvier, A.J. 12013
Russo, A. *see* Sukumar, V. 33124
Russo, A.A., Clatterbaugh, G.V. A space-based high-speed direct digital synthesizer multichip module using low-temperature co-fired ceramic 46099
Russo, F., Ramponi, G. Working on image data using fuzzy rules 22203
Russo, L.E. Using the PROJECTRON algorithm for image compression 13565
Russo, M. *see* Pospishil, A. 1597
Russo, M.V. *see* Caliendo, C. 6406
Russo, M.V. *see* Polzonetti, G. 812
Russo, P. *see* Alfano, B. 15724
Russo, P. *see* Bandettini, A. 15723
Russo, P. *see* Conti, M. 15726
Russo, P. *see* Ferretti, G.F. 15883
Russo, P.A. *see* Halbig, J.K. 38913
Russo, P.A. *see* Sprinkle, J.K., Jr. 38914
Russo, S. *see* Conti, M. 15726
Russo, V. *see* Bianco, S. 31711
Russo, V. *see* Sarwar, S. 31698
Russomanno, S.A. *see* Davey, E.C. 39763
Russu, E.V. *see* Kovalevskaya, G.G. 34607
Russu, S.S. *see* Bobrysheva, A.I. 3794
Rust, U. *see* Hill, G.R. 6051
Rust da Costa Carmo, L.F., de Saqui-Sannes, P., Courtiat, J.-P. Basic synchronisation concepts in multimedia systems 13966
Rustagi, S.C. *see* Bhattacharyya, A.B. 28183
Rustan, P., Garrett, H., Schor, M.J. High voltages in space: innovation in space insulation 24407
Rustay, R.C. *see* Stutt, C.A. 47504
Rusteberg, C. *see* Anders, S. 8698
Rusthol, D. ACHRO: a program to help design achromatic bends 46748
Ruston, L. *see* Arango, M. 13971
Rusu, C. *see* Imecs, M. 40570
Rut, O.E. *see* Germanenko, A.V. 34617
Rutan, S.C. *see* Hayashi, Y. 18842
Rutar, D. *see* Jezernik, K. 17086
Rutberg, F.G. *see* Emelin, P.Yu. 48151
Rutberg, F.G. *see* Goryachev, V.L. 25220
Rutenbar, R.A. *see* Mitra, S. 26608
Ruterana, P. *see* Andre, J.P. 41293
Ruterana, P. *see* Vila, A. 9543
Rutgers, W.R. *see* Creyghton, Y.L.M. 46664
Ruth, B. Measuring the steady-state value and the dynamics of the skin blood flow using the non-contact laser speckle method 47047
Ruth, B.G. *see* Beggs, J.H. 29284
Ruth, C. *see* Bauer, S. 41250
Ruth, J., Ratna, B.R., Naciri, J., Shashidhar, R., Prasad, S.K., Shankar Rao, D.S., Chandrasekhar, S. Ferroelectric liquid crystalline polymers with large pyroelectric coefficients for infrared detectors 3211
Ruth, R.D. The Next Linear Collider 31550
Ruth, R.D., Adolphsen, C., Bane, K., Boyce, R.F., Burke, D.L., Callin, R., Caryotakis, G., Cassel, R., Clark, S.L., Deruyter, H., Fant, K., Fuller, R., Heifets, S., Hoag, H., Humphrey, R., Kheifets, S., Koontz, R., Kroll, N.M., Lavine, T., Loew, G.A., Menegat, A., Miller, R.H., Nantista, C., Paterson, J.M., Pearson, C., Phillips, R., Rifkin, J., Spencer, J., Tantawi, S., Thompson, K.A., Vlieks, A., Vylet, V., Wang, J.W., Wilson, P.B., Yeremian, A., Youngman, B. A test accelerator for the Next Linear Collider 46776
Ruth, R.D. *see* Berg, J.S. 46780
Ruth, R.D. *see* Kroll, N.M. 15668
Ruth, R.P. *see* Ahlgren, W.L. 755
Ruth, S. Using academic networks in developing nations: a value-added services perspective 22621
Ruth, T.J. *see* Zeisler, S.K. 38997
Ruthemann, K. *see* Biester, M. 14418
Rutherford, D.A. *see* MacArthur, D.W. 24002
Rutherford, K.G. *see* Seog-Hyeon Kim 47557
Rutherford, S.R. Noise-discriminating, statistical-amplitude compensation for AVO analysis 47233
Rutishauser, W. *see* Guggenheim, N. 38970
Rutka, M.J., Wolffenbuttel, R.F. D-flip-flop with a programmable delay with power consumption for implementation in smart sensors 14938
Rutkis, M.A., Gerca, L.E., Silinsh, E.A., Neilands, O.Y., Roze, M.P., Berzinsh, E.L., Klimkans, A.B., Larsson, S. Langmuir-Blodgett films of indandione-1,3 pyridinium betaine. I. Preparation, electronic structure, optical properties 12358
Rutkovski, P. *see* Pozhela, J. 43240
Rutkowski, G. A neural network approach to fault location in nonlinear DC circuits 1011
Rutkowski, G.B. Operational amplifiers: integrated and hybrid circuits 17696
Rutkowski, H. *see* Eylon, S. 31558
Rutkowski, L. Multiple Fourier series procedures for extraction of nonlinear regressions from noisy data 13180
Rutledge, D.B., Kim, M., Sovero, E.A., De Lisio, M.P., Hacker, J.B., Chiao, J.-C., Li, S.-J., Gagnon, D.R., Rosenberg, J.J. Performance of a 100-element HBT grid amplifier 27288
Rutledge, D.B. *see* Kim, M. 1584
Rutledge, D.B. *see* Lubecke, V.M. 27178
Rutledge, D.B. *see* Moonil Kim 34252
Rutledge, D.B. *see* Moonil Kim 34279
Rutledge, J.C. *see* Drake, L.A. 47127
Rutledge, S.A. *see* Rasmussen, E.N. 15996
Rutmanis, L. *see* Ribickis, L. 17079
Rutskoy, B.Yu. *see* Korzhenevich, I.M. 31431
Rutt, H.N. *see* Eason, R.W. 18260
Rutten, J.M.F., Heygele, L.H. Consumption figures as a basis for the determination of load 24878
Rutter, P. *see* Singer, K.E. 26439
Ruumpol, G.J. *see* Jardan, R.K. 32923
Ruuska, D. *see* Cushman, P. 24012
Ruuska, D. *see* Hulbert, M. 7206
Ruuskanen, P. *see* Heczko, O. 43278
Ruvimov, S.S. *see* Antipov, V.G. 41252
Ruwen Zhao *see* Jifan Hu 35223
Ruwisch, D., Bode, M., Purwins, H.-G. Parallel hardware implementation of Kohonen's algorithm with an active medium 10379
Ruwwe, T. *see* Gunther, O. 32119
Rux, L.M. An incremental economic dispatch method for cascaded hydroelectric power plants 25247
Ruxin Zhang *see* Zhang Ruxin
Ruxing Li *see* Li Ruxing
Ruyi Chen *see* Chen Ruyi
Ruzic, S. *see* Rajakovic, N. 24612
Ruzicka, P., Waczulik, J. On time-space trade-offs in dynamic graph pebbling 33479
Ruzin, A. *see* Nemirovsky, Y. 10919
Ruzinov, V.L. *see* Palmieri, V. 15512
Ruzinov, V.L. *see* Palmieri, V. 46789
Ruzinsky, M., Saly, V. Dielectric properties of poly Si-SiO_2-Si structures under white light illumination 10777
Rvachev, V.L. *see* Kravchenko, N.I. 3171
Rvachev, V.L. *see* Veretel'nik, V.V. 1417
Rvachew, S. Clinical application of computer-driven methods for the assessment and treatment of speech perception disorders 13075
Ryabeva, E.V. *see* Lakina, I.Y. 24387
Ryabka, P.M. *see* Bulyak, E.V. 46798
Ryabka, P.M. *see* Ivanov, G.M. 23959
Ryabko, B.Ya. Algorithmic approach to the prediction problem 29732
Ryabko, B.Ya. Fast and efficient coding of information sources 44700
Ryabochkina, P.A. *see* Voron'ko, Yu.K. 28786
Ryabov, V.B. *see* Vavriv, D.M. 10006
Ryabova, L.I., Tamm, M.E. Tm doping of lead telluride 10846
Ryabova, L.I. *see* Akimov, B.A. 42454
Ryabtsev, A.V. *see* Golovinsky, P.M. 46813
Ryabtsev, A.V. *see* Goretsky, V.P. 38821
Ryabtsev, S.V. *see* Gutman, E.E. 6633
Ryabushkin, O.A., Sablikov, V.A., Platonov, N.S., Bader, V.A., Sergeyev, V.I., Babkin, D.Yu., Vlasjuk, Yu.A., Gridin, D.V. Novel elements for optical and optoelectronic detection and signal processing using the current filament in semiconductors 3341
Ryadovikov, V.N. *see* Babintsev, V.V. 7210
Ryakhin, A.D. *see* Pakhomov, A.A. 13507
Ryan, A.T., Agrawal, G.P. Steering of optical beams in nonlinear Kerr media by spatial phase modulation 12380
Ryan, A.T. *see* Gray, G.R. 43946
Ryan, C.A., Tront, J.G. 9-valued 2-dimensional parallel switch level fault simulation 10127
Ryan, C.A., Tront, J.G. Parallel switch level fault simulation algorithm/complexity verification using compiled code VHDL 18603
Ryan, D. *see* Brown, M. 37859
Ryan, D.A. *see* Beggs, J.H. 44197
Ryan, J. *see* Koblinsky, C.J. 7605
Ryan, J. *see* Mathewson, A. 23586
Ryan, J. *see* Parker, M. 30264
Ryan, J. *see* Schonfelder, V. 7146
Ryan, J.F. *see* Stevens, C.J. 42514
Ryan, J.G. *see* Licata, T.J. 34819
Ryan, J.L., Chan, S.K. Plant control system test facility 16588
Ryan, L.D. Programmability—key to success with video on the PC 30007
Ryan, L.K., Lockwood, G.R., Starkoski, B.G., Holdsworth, D.W., Rickey, D.W., Drangova, M., Fenster, A., Foster, F.S. A high frequency intravascular ultrasound imaging system for investigation of vessel wall properties 7408
Ryan, L.K. *see* Foster, F.S. 15704
Ryan, M. *see* Yan, J. 13721
Ryan, M.A. *see* Vining, C.B. 17411
Ryan, M.J. *see* Sottos, N.R. 20043
Ryan, M.J., III *see* Scott, W.R. 20047
Ryan, M.T. Production cleaning techniques for PCB assembly operations 10577
Ryan, N.D. *see* Mingui Sun 7433
Ryan, P.M. *see* Baity, F.W. 44631
Ryan, S. *see* Lye, L.M. 41024
Ryan, T., Watanabe, M., Muta, K., Matsuura, H. Dependency of the physical properties of Na_2O-Al_2O_3-SiO_2 glass on composition 20311
Ryan, T. *see* Williams, K.A. 35838
Ryan, T.G. Polymers applied in components for telecommunication systems (PACTS) 14671
Ryan, T.G. Getting the attention of American organizations on human factors—a personal experience 33308
Ryan, T.G. *see* Harvey, T.G. 43453
Ryan, T.G. *see* Reece, W.J. 39739
Ryan, T.W. *see* Klappe, J.G.E. 2085
Ryan, W.A., Shea, T.J. An interactive beam position monitor system simulator 15422
Ryang, H.-S. *see* Addison, R.C., Jr. 9839
Ryat, M.H., de la Soujeole, A. Sub-3V class AB design techniques 9981
Ryba, M., Seibold, W., Baitinger, U.G., Thelen, U. Parameterized VHDL entities for the simulation of hybrid circuits 955
Ryba-Romanowski, W., Sokolska, I., Golab, S., Berkowski, M., Kuck, S., Meyn, J.P. Laser diode end-pumped continuous wave $BaLaGa_3O_7$:Nd laser 43802
Rybacki, T., Warren, G. BT Broadcast and Satellite Services 14755
Rybak, I.A., Golovan, A.V., Gusakova, V.I. Behavioral model of visual perception and recognition 38946
Rybak, I.A., Podladchikova , L.N., Shevtsova, N.A. Physiological model of orientation sensitivity in the visual cortex and its use for image processing 22077
Rybak, I.A. *see* Meystel, A.M. 36794
Rybak, I.A. *see* Meystel, M.A. 4903
Rybakov, I.V. *see* Naumov, A.D. 32096
Rybakov, V.V., Smakhtin, A.P. Frequency range analysis for power transmission by an electromagnetic beam 32016
Rybaltovsky, A.O. *see* Dianov, E.M. 44135
Rybarcyk, L.J. *see* Merson, J.L. 46765
Rybicki, G.C., Williams, W.S. Deep level defects in proton irradiated Zn and Cd doped InP 34520
Rybin, A.I. Transformer modeling in the analysis of linear-parameter circuits by the matching method 988
Rybin, A.I. *see* Trokhimenko, Y.K. 1496
Rybin, A.I. *see* Trokhimenko, Y.K. 18443
Rybka, V. *see* Popok, V. 34683
Rybnik, J. *see* Luba, T. 41052
Rychev, A.S. *see* Buinitskii, B.A. 8092

Rychnikov, O.V. An evaluation of the economic feasibility of measures to improve the noise immunity and reliability of information systems 9177
Ryck, F.de *see* de Ryck, F.
Ryckaert, R., Vandendorpe, L. Direct sequence spread spectrum communications system with $\pi/4$-DQPSK modulation in a multipath environment 37890
Rycke, I.De *see* De Rycke, I.
Ryckewaert, G. *see* Delbar, T. 46831
Ryckewaert, G. *see* Mandrillon, P. 6909
Rydbeck, B. From models to workable pan-European TMN systems EURESCOM activities 37290
Rydbeck, B. *see* Katzeff, K. 30316
Rydberg, A., Forsgren, M., Brugger, H., Landgraf, B., Willander, M. Multimode operation of antenna integrated microwave quantum-well-diode oscillator 36376
Ryden, K.-H. *see* Karlin, T.E. 19631
Rydler, K.-E. High precision automated measuring system for AC-DC current transfer standards 6281
Rydlovskii, V.P. *see* Mesenzhnik, Ya.Z. 40600
Rydqvist, B., Brown, H.M., Carlsson, M. A light emitting diode microspectrophotometer: intracellular Ca^{2+} measurements in isolated stretch receptor 7334
Rygal, R., Holboll, J.T., Larsen, E., Henriksen, M. Description of an improved CIGRE II test setup 6319
Rygh, J. *see* Lie, H.W. 30342
Rygh, J. *see* Lie, H.W. 37423
Rykalin, V. *see* Kistenev, E. 31694
Rykalin, V.I. *see* Britvich, G.I. 7165
Rykalin, V.I. *see* Lapshin, V.G. 31686
Rykalin, V.V. *see* Gorodnichev, V.B. 46954
Rykalin, V.V. *see* Kachanov, V.A. 7163
Rykov, V.L. *see* Grachev, A.O. 15595
Rylander, H.G., III *see* Barrett, S.F. 47121
Rylander, H.G., III *see* Markow, M.S. 31892
Rylander, L., Gustafsson, J. Nondestructive examination of the primary system in Ignalina nuclear power plant 32583
Rylander, L., Shevaldin, V. Inspection of RBMK reactors—development of a modern NDE concept at Ignalina nuclear power station, Lithuania 39815
Rylik, A.S. *see* Kotel'nikov, I.N. 34606
Rylov, S.V. *see* Robertazzi, R.P. 27010
Rymar', O.V. *see* Plyashkevich, I.N. 40348
Rymar', O.V. *see* Plyashkevich, L.N. 17033
Rymaszewski, E.J. *see* Liu, W.-T. 26185
Rynes, E. *see* Tzanetakis, P. 35564
Rynkov, A.E., Fedyaev, V.E. Modeling of multiplicating processes in the channels of mobile FM radio communication systems 44369
Rynkowski, G.A. *see* Marshall, G.F. 38306
Rynkowski, G.A. *see* Marshall, G.F. 46556
Rynne, B.P. A note on the testing functions used in the method-of-moments solution of thin-wire antenna problems 4247
Ryong Cho Ji *see* Ji Ryong Cho
Ryoo, G. *see* Bae, M. 29540
Ryoo Hee-Suk *see* Hee-Suk Ryoo
Ryoo Intae *see* Intae Ryoo
Rypinski, C.A. Motivation for centralized wireless LAN functions 37431
Rysin, L.G. *see* Portnov, E.L. 14584
Ryskin, N.M., Trubetskov, D.I. Nonlinear electron waves. Methods and results for O-type devices (a review) 10630
Rysovanyi, A.N. *see* Losev, M.Yu. 29434
Rysovanyi, A.N. *see* Losev, M.Yu. 31148
Ryssel, H. *see* Dehm, C. 27583
Ryssel, H. *see* Kal, S. 34672
Ryssel, H. *see* Wiget, R. 2168
Ryssel, H. *see* Yu, Y.H. 10807
Ryszard, S. *see* Longin, K. 35373
Rytz, D. *see* Cudney, R.S. 20073
Ryu, B.H. *see* Kwon, S.S. 42572
Ryu, C. *see* Namkung, W. 15293
Ryu, C.S. *see* Park, S.B. 44874
Ryu, H. *see* Kume, T. 17452
Ryu, J. *see* Namkung, W. 15292
Ryu, K. *see* Yasuda, S. 18833
Ryu, S.M. *see* Jung, Y.C. 37558
Ryu Gi-Han *see* Gi-Han Ryu
Ryu Hyung Keun *see* Hyung Keun Ryu
Ryum, B.R. *see* Lee, S. 2443
Ryum, B.R. *see* Seonghearn Lee 42873
Ryum, B.R. *see* Sung-Jhl Kim 28108
Ryuta, J. *see* Okada, C. 2100
Ryvkin, B.S. Electroabsorptive resonator-free self-electrooptic effect devices (ERF-SEEDs) 3194
Ryvkin, B.S., Goodwill, D.J., Walker, A.C., Stanley, C.R., Pottier, F., Holland, M.C. New electroabsorptive device with negative resistance based on a low-responsivity GaAs/AlAs multiple-quantum well 43512
Ryzhii, V. A bistable resonant-tunnelling hot-electron infrared phototransistor 20541
Ryzhii, V. Infrared hot-electron phototransistor 28651
Ryzhii, V., Khmyrova, I. Bistability effect: in laser-transistor resonant-tunneling structure 43641
Ryzhii, V. *see* Fredichkin, L. 46449
Ryzhii, V. *see* Khrenov, G. 19785
Ryzhii, V. *see* Khrenov, G. 34925
Ryzhii, V. *see* Pankratov, V. 19849
Ryzhii, V. *see* Zhakharova, A. 19392
Ryzhii, V.I. *see* Fedichkin, L.E. 15022
Ryzhik, E.I. *see* Zaytsev, S.A. 1544
Ryzhikov, A.V. *see* Ponomarev, L.I. 12730
Ryzhkov, M.P. *see* Andrievskii, V.F. 28672
Ryzhkov, S.V. *see* Zotov, A.V. 19623
Ryzhkov, V.N., Andreev, V.A. Machine for cutting crystals 10802
Ryzhkov, V.N. *see* Nesmelova, I.M. 15235
Ryzhkova, E.N. *see* Polyakov, V.E. 7985
Ryzhov, D.Ye. *see* Berezin, Yu.V. 45770
Ryzhov, S.N. *see* Balkovoi, A.P. 25859
Ryzhov, V. *see* Beer, A. 31662
Ryzhov, V. *see* Bruschini, C. 38888
Rzad, S.J., Gasworth, S.M., Reed, C.W., DeVre, M.W. Advanced materials for high energy density capacitors 17415
Rzezonka, B. *see* Kreutz, R. 15550
Rzhanov, Yu.A. *see* Balkarey, Yu. I. 12361

S., M.Carneiro *see* Carneiro S., M.
S. Bulhoes, L.O.de *see* de S. Bulhoes, L.O.
S. Kim Han *see* Han S. Kim
S. Santos Damy de *see* Damy de S. Santos
S. Yoo Jae *see* Jae S. Yoo
Sa, A.de *see* de Sa, A.
Sa Kyun Rha *see* Eun Gu Lee 809
Sa-Idi, A. *see* Rayner, R. 16230
Sa-Nguankotchakorn, S. *see* Kida, T. 13446
Saab, D.G. Parallel-concurrent fault simulation 34029
Saab, D.G., Saab, Y.G., Abraham, J.A. CRIS: A test cultivation program for sequential VLSI circuits 26863
Saab, D.G. *see* Chen, C.-H. 26887
Saab, D.G. *see* Chung-Hsing Chen 26567
Saab, D.G. *see* Narain, P. 18550
Saab, Y.G. *see* Saab, D.G. 26863
Saad, M., Rafesthain, T., Rajagopalan, V., Al-Haddad, K. Computer-aided design of direct static converters 8529
Saad, M. *see* Chandra, A. 17510
Saada, J.Bou *see* Bou Saada, J.
Saadane, A., Barba, D., Senane, H. The estimation of visual bandwidths and their impact in image decomposition and coding 36825
Saadat, A.R. *see* Shojai, A. 11976
Saadate, S. *see* Aliouane, K. 16149
Saadate, S. *see* Xu, J.H. 16999
Saadatmand, K., Hebert, J.E., Okay, N.C. RF volume H^- ion source for the superconducting Super Collider 46815
Saadatmand, K. *see* Guharay, S.K. 46732
Saadatmand, K. *see* Johnson, K.F. 23986
Saadawi, T.N. *see* Hussain, T.M. 23621
Saade, J.J., Schwarzlander, H. Application of fuzzy hypothesis testing to signal detection under uncertainty 36639
Saadoun, M.M.I., Engheta, N. Pseudochiral Ω medium and guided-wave structures: theory & principles 4244
Saakes, M., van Duin, P.J., Ligtvoet, A.C.P., Schmal, D. Investigations of the negative plate of lead/acid cells 1. Selection of additives 25653
Saakes, M., van Duin, P.J., Ligtvoet, A.C.P., Schmal, D. Investigations of the negative plate of lead/acid cells. II. Verification with 2 V cells 25654
Saal, H.J. Smart Valley: an electronic community. A vision of our future 45511
Saalih, M.T. *see* Ismail, K.S. 8841
Saari, P., Kaarli, R., Ratsep, M. Temporally multiplexed Fourier holography and pattern recognition of femtosecond-duration images 29039
Saari, P. *see* Sonajalg, H. 44141
Saarinen, J., Honkanen, S., Najafi, S., Lefebvre, P., Huttunen, J. Experimental optimization of double ion-exchange in glass for computer-generated waveguide holograms 3934
Saarinen, J., Turunen, J., Huttunen, J. Volume diffraction effects in computer-generated guided-wave holography 44162
Saarinen, J. *see* Elo, P. 7456
Saarinen, J. *see* Huttunen, J. 12468
Saarinen, J. *see* Huttunen, J. 43493
Saarinen, K. *see* Pfeiffer, W. 42419
Saaski, E.W. Fiber optic methods for chemical sensing 46483
Saavedra, V. *see* Ling, H. 21216
Saba, A.E. *see* Afifi, S.E. 17222
Saba, G., Thomesse, J.P., Song, Y.Q. Space and time consistency qualifications in distributed communication systems 37054
Saban, I., Flegar, L., Spalj, S. Results of aging of the 1E valve electrical motor using motorettes as motor model 39823
Sabanovic, A., Ohnishi, K., Sabanovic, N. Control of PWM three phase converters: a sliding mode approach 8645
Sabanovic, A., Wada, K., Bilalovic, F., Vujovic, M. Sliding modes in electrical machines control systems 16771
Sabanovic, A. *see* Radulovic, Z. 16961
Sabanovic, A. *see* Sabanovic-Behlilovic, N. 16950
Sabanovic, N. *see* Sabanovic, A. 8645
Sabanovic-Behlilovic, N., Sabanovic, A., Ohnishi, K. Sliding modes in three-phase switching power converters control 16950
Sabary, F., Bergeret, H. Laser-induced electron emission from granular gold films 34472
Sabary, F. *see* Guimbal, P. 43975
Sabary, F. *see* Joly, S. 44009
Sabatini, A.M., Dario, P. Measuring technique for characterising the electrical properties of piezoelectric tubular devices 11413
Sabatini, P. *see* Borio, R. 47040
Sabbadini, D. *see* Rovetta, A. 39082
Sabbagh, H.A. Splines and their reciprocal-bases in volume-integral equations 41195
Sabbagh, H.A., Treece, J.C., Murphy, R.K., Lai Wan Woo Computer modeling of eddy current nondestructive testing 18382
Sabbagh, J.A., Khalifa, A.M.A., Olwi, I.A. Development of passive dry cooling system for power plants in arid land 16662
Sabban, A., Gupta, K.C. Evaluation of parasitic coupling among coupled microstrip line discontinuities using a multiport network modeling approach 27121
Sabbioni, F., Imbimbo, E., Coppola, M. Electric vehicle perspective in road transports 48208
Sabeesh, S. PCM maintenance: an overview 37666
Sabek, M.G. *see* Aly, A.I.M. 32658
Sabel, L.P. *see* Gill, M.C. 18532
Sabel, M. *see* Hofmann-Preiss, K. 24175
Sabert, H. Suppression of mode jumps in a single-mode fiber laser 28767
Sabert, H., Brinkmeyer, E. Stable fundamental and higher order pulses in a fibre laser with frequency shifted feedback 20665
Sabetfakhri, K., Katehi, L.P.B. A novel treatment of open dielectric waveguides 4182
Sabeti, R., Charlson, E.M., Charlson, E.J. Response to 'Comment on 'steady-state temperature profile for a thin-film resistor under bias'' [J. Appl. Phys. 74, 5290 (1993)] 10517
Sabetti, T. RF/ID creates dynamic links between people, objects, and processes 14557
Sabharwal, A., Vikram, J. Partial characterisation of continuous and discrete random signals of specified amplitude distributions and power spectral densities 4773
Sabharwal, A.P. *see* Cormack, G.D. 23493
Sabi, Y. *see* Ichimura, I. 20423
Sabia, E. *see* Castellano, M. 6925
Sabia, E. *see* Dipace, A. 3700
Sabia, E. *see* Dipace, A. 3701
Sabido, D.J.M., IX *see* Fong, T.K. 14628
Sabido, D.J.M., IX *see* Fong, T.K. 45999
Sabido IX, M. *see* Jay, D. 30702
Sabin, D.D. *see* Dabbs, W.W. 47505
Sabin, R.E. On determining all codes in semi-simple group rings 12853
Sabin, R.Evans *see* Evans Sabin, R.
Sablikov, V.A. *see* Ryabushkin, O.A. 3341
Sablin, A.D. *see* Gruzdev, A.Yu. 40120
Sabnani, K.K. *see* Lee, D. 5238
Sabonnadiere, J.C. *see* Lo, J.O.Y. 41207
Sabot, A., Morin, C., Guillaume, C., Pons, A., Taisne, J.P., Pizzo, G.L., Morf, H.U. A unique multipurpose damping circuit for shunt capacitor bank switching 25017
Sabot, A., Taillebois, J.P. Electricite de France on site testing policy for GIS and equipment used for lightning impulse test 48017
Sabot, A., Taillebois, J.P. GIS in service dielectric failure statistics of electricite de France: efficiency and limit of the dielectric on-site tests 48034
Saboui, A. *see* Van Doorselaer, K. 33402
Sabouni, I., Saheb, H., Dang, M. An ASIC architecture for implementing low-level communication circuits 22644
Sabouni, I. *see* Saheb, H. 14326
Sabouri, S. Corner rounding study 19675
Sabouri, S. *see* Eran, Y. 17932
Sabourin, T. *see* Fiche, G. 22726
Sabrie, J.-L. Technical and economical aspects of SMES development 33085
Sabry, M., Midwinter, J.E. A modular and scalable transparent optical network 38133
Saby, C., Jaffrezic-Renault, N., Martelet, C., Colin, B., Charles, M.-H., Delair, T., Mandrand, B. Immobilization of antibodies onto a capacitance silicon-based transducer 6607
Saccamango, M.J. *see* Pelella, M.M. 11171
Saccamango, M.J. *see* Wagner, L.F. 11176
Sacchetti, R. *see* Cocco, M. 31987
Sacchi, G., Chiaretti, G., Cecchi, S., Randone, G., Laporta, P., Taccheo, S., Salina, F., Svelto, O. Transmission capabilities of a novel multi-wavelength erbium-ytterbium glass laser source 43800
Sacchi, G. *see* Laporta, P. 3477
Sacchi, J.N.L., Rifardi, A. The heating of transformers 40285
Sacchi, R. *see* O'Shaughnessy, K. 47008

Sacchini, J.J., Steedly, W.M., Moses, R.L. Two-dimensional Prony modeling and parameter estimation 21715
Sacchini, J.J., Steedly, W.M., Moses, R.L. Full polarization two-dimensional Prony modeling with application to radar target identification 23092
Sacco, B. *see* Alberico, G. 46163
Sacco, S. *see* Pecora, A. 31342
Sacconi, A., Pasin, W. An intercomparison of roundness measurements between ten European national standards laboratories 46634
Sacconi, A. *see* Nerino, R. 46632
Sacedon, A. *see* Alvarez, A.L. 42627
Sacerdoti, G. *see* Anagni, F. 17104
Sachau, J. Power conditioning variants for photovoltaic systems 16726
Sachchidanand *see* Padiyar, K.R. 32387
Sachdev, H., Kwong, R., Linehan, L., Conley, W., Miura, S., Smith, R., Katnani, A. New negative tone resists for subhalf micron lithography 28046
Sachdev, H. *see* Brunsvold, W. 11082
Sachdev, H. *see* Jagannathan, P. 11091
Sachdev, H.S., Kwong, R.W., Katnani, A., Kwietniak, K.T., Rosenfield, M.G., Coane, P.J. Improved underlayers for acid amplified resists 28047
Sachdev, M. *see* Bruls, E. 10102
Sachdev, M.S., UttamChandani, I., Sidhu, T.S., Kennedy, W.O. Study of amplitude comparison for protecting transmission lines 32418
Sachdev, M.S. *see* Phadke, A.G. 47608
Sachdev, M.S. *see* Sidhu, T.S. 32475
Sachdev, M.S. *see* Sunga, B.R. 32844
Sachdeva, M.K. *see* Fecho, T.R. 32375
Sacher, E. *see* Tao, Y. 34509
Sacher, J. *see* Hofmann, M. 28866
Sachidananda, M. *see* Goswami, J.C. 21401
Sachrajda, A., Taylor, R.P., Dharma-Wardana, C., Adams, J.A., Zawadzki, P., Coleridge, P.T. Electron-electron interactions and the magnetoconductance of submicron quantum dots 42532
Sachrajda, A.S. *see* Taylor, R.P. 42781
Sachs, E. *see* Hu, A. 9228
Sachs, G. *see* Moller, H. 39275
Sachs, G. *see* Moller, H. 47181
Sachs, J.L. *see* Berry, W.B. 48376
Sachse, J.-U. *see* Vollmar, H.-P. 35563
Sachse, W. *see* Kim, K.Y. 16072
Sachse, W. *see* Zgonc, K. 18380
Sachtjen, S.A. *see* Verghese, S. 6494
Sack, G. *see* Vieth, J. 31943
Sack, L. *see* Eckel, H.-G. 2480
Sack, L. *see* Eckel, H.-G. 32933
Sackrowitz, H.B. *see* Cohen, A. 18003
Sacks, L.E. *see* Bee, C.P. 38899
Sacks, R. *see* Lu, Y. 27529
Sacks, R.N. *see* Ade, R.W. 6018
Sacks, T. Making contact with the electronic era 8692
Sacks, T. Fuel cells: time for the breakthrough? 17307
Sacks, T. Do sensorless vector drives make sense? 40510
Sacolick, I. *see* Li, L. 41500
Sacristan, E. *see* Muller, P. 31830
Sada, G. *see* Silvano, C. 18739
Sadakata, M. *see* Iwasaki, Y. 5021
Sadakata, T. *see* Imai, Y. 25028
Sadana, D. *see* Kavanagh, K.L. 1907
Sadana, D.K. *see* de Souza, J.P. 2584
Sadana, D.K. *see* de Souza, J.P. 10668
Sadana, D.K. *see* Pearton, S.J. *(editor)* 775
Sadananda, R., Shrestha, A., Khosla, N. The choice of neighbourhood in self-organization scheme for VLSI 33840
Sadaoka, Y., Sakai, Y., Manabe, T. Detection of CO_2 using a solid-state electrochemical sensor based on sodium ionic conductors 6669
Sadaoka, Y. *see* Matsuguchi, M. 46365
Sadaphal, P.M. *see* Chaurey, A. 25983
Sadarangani, C. *see* Nee, H.-P. 8408
Sadarnac, D. *see* Kazdaghli, A. 17046
Sadarnac, D. *see* Louati, K. 8557
Sadasiv, A.G. *see* Kumaresan, R. 21706
Sadasiv, G., Jayaraj, V. Design of a filter bank based on sigma-delta modulation 18871
Sadayuki, E. *see* Choi, D.-H. 27469
Sadayuki, E. *see* Choi, D.H. 19872
Sadchikov, V.V. *see* Nasyrov, A.R. 44187
Saddow, S.E., Cho, P.S., Goldhar, J., Palmour, J., Lee, C.H. Photoconductive measurements on P-type 6H-SiC [for switches] 28599
Saddow, S.E., Thedrez, B.J., Huang, S.-L.L., Mermagen, T.J., Lee, C.H. An investigation of the temperature and electric field dependence of a GaAs microwave photoconductive switch 28627
Saddow, S.E., Thedrez, B.J., Lee, C.H. An optoelectronic attenuator for the control of microwave circuits 20530
Saddow, S.E. *see* Sheng-Hui Yang 43916
Sadeghi, N. *see* Nakano, T. 27732
Sadeghi, S.H.H. *see* Mirshekar-Syahkal, D. 33771
Sadeghiyan, B., Pieprzyk, J. On necessary and sufficient conditions for the construction of super pseudorandom permutations 12975
Sadeghiyan, B., Zheng, Y., Pieprzyk, J. How to construct a family of strong one way permutations 12969
Sadeghiyan, B. *see* Pieprzyk, J. 12977
Sadeghiyan, B. *see* Pieprzyk, J. 29476
Sadeh, I. On approximate string matching 4393
Sadek, A. *see* Muhle, E.-E. 47755
Sadek, A. *see* Muhle, E.-E. 47759
Sadeque, S. *see* Benhadj, R. 21920
Sadhir, V., Willems, D., Karsten, K. Broadband MIC equalizes TWTA output response 19096
Sadhu, D., Ocacia, G., Zen, L. Prospect of an environmentally balanced energy system from rice husks and wind 25193
Sadigh, A., Arvas, E. Treating the instabilities in marching-on-in-time method from a different perspective [electromagnetic scattering] 36159
Sadik, S. *see* Leclercq, J.L. 12209
Sadiku, M.N.O. Monte Carlo solution of axisymmetric potential problems 41055
Sadiku, M.N.O., Arvind, A.S. Annotated bibliography on distributed queue dual bus (DQDB) 45598
Sadjadi, F. Experiments in the use of fractal in computer pattern recognition 21925
Sadjadi, F., Au, W.K. Adaptive real-time signal processing for image enhancement 38155
Sadjadi, F., Helgeson, M., Radke, J., Stein, G. Real-time radar signal processing for autonomous aircraft landing 38160
Sadkane, M. *see* Crouzeix, M. 41162
Sadkov, V.D., Orlov, D.E. Resistance of a film resistor with a slit of finite width 19158
Sadkov, V.D., Orlov, D.E. Calculation of resistors with a central contact area 19159
Sadkowski, R. *see* Bliss, W.G. 18851
Sadler, B. *see* Chang, F.C. 9297
Sadler, B.M. Triple-correlation direct sequence receiver 5741
Sadlowski, J.A. *see* Guletsky, P.W. 32672
Sadof'ev, Yu.G. Heterodiffusion and the properties of MBE germanium films on gallium arsenide 9555
Sadoh, T., Watanabe, M., Nakashima, H., Tsurushima, T. Deep levels of vanadium- and chromium-hydrogen complexes in silicon 42675
Sadoqi, M. *see* Huber, C.A. 33763
Sadot, D., Dvir, A., Bergel, I., Kopeika, N.S. Restoration of thermal images distorted by the atmosphere, based upon measured and theoretical atmospheric modulation transfer function 29777
Sadot, D., Dvir, A., Bergel, I., Kopeika, N.S. Restoration of thermal images distorted by the atmosphere, based on measured and theoretical atmospheric modulation transfer function 46501
Sadoulet, B. *see* Aubourg, E. 19925
Sadoulet, B. *see* Stockwell, W. 18495
Sadoulet, B. *see* Weiss, S.C. 15634
Sadoulet, B. *see* Young, B.A. 24033
Sadovnik, L., Sawchuk, A.A., Lu, T., Kostrzewski, A. Scale, translation and rotation invariant all-optical processor based on intensity-to-phase coding 36859
Sadovnik, L.S., Manasson, V.A., Lin, F. Double driven semiconductor modulator: current- and photo-injection 3191
Sadovnikov, A., Roulston, D.J. Quasi-three-dimensional modeling of bipolar transistor characteristics 28104
Sadovnikov, A. *see* Oraevsky, V. 21260
Sadovnikov, A.D., Roulston, D.J. A study of the influence of hydrodynamic model effects on characteristics of silicon bipolar transistors 19774
Sadovnikov, V.P. *see* Shalyaev, M.F. 28947
Sadowski, J., Dynowska, E., Reginski, K., Herman, M.A. Hard heteroepitaxy on 2° off-oriented GaAs (100) substrates. I. The occurrence of (100) and (111) surface orientations in MBE-grown PbTe films 724
Sadowski, M. *see* Al-Mashhadani, E.M. 46969
Sadowski, R.W., Digonnet, M.J.F., Pantell, R.H., Shaw, H.J. Resonantly-enhanced nonlinear optical switching in rare earth doped fibers 3785
Sadowski, R.W. *see* Pantell, R.H. 21007
Sadowsky, J.S. On maximizing linear system output energy with an input envelope constraint 44941
Sadowsky, J.S. *see* Letaief, K.B. 36516
Sadoyan, K.A. *see* Martorossian, G.A. 15553
Sadr, G.H. *see* Verma, A.K. 4201
Sadr, G.Hassani *see* Hassani Sadr, G.
Sadra, K., Srinivasan, A., Neikirk, D.P., Streetman, B.G. Speed and efficiency in multiple p-i-n photodetectors 43636
Sadra, K., Streetman, B.G. Drift and diffusion in low-dimensional p-n junctions 34574
Sadra, K. *see* Srinivasan, A. 38489
Sadrian, A. *see* Katz, P. 45383
Sadrozinski, H. *see* Ohsugi, T. 46838
Sadrozinski, H. *see* O'Shaughnessy, K. 47008
Sadrozinski, H.F.-W. *see* Barberis, E. 46846
Sadrozinski, H.F.-W. *see* Ziock, H.-J. 46885
Sadrozinski, H.F.-W. *see* Ziock, H.J. 7184
Sadwick, L.P. Thermal currents in proton isolated gallium arsenide structures at elevated temperatures 19418
Sadyigov, Z.Y. *see* Ashurbekov, N.A. 11834
Sadykov, N.R. Effect of a slight bend in an optical fiber on the radiation characteristics 28461
Sadykov, N.R. Equation of a ray path with circular polarization 29272
Sae Lee Choon *see* Choon Sae Lee
Sae-Han, D. *see* Nomura, Y. 36940
Sae-Kyu Nam, Jong-Shik Kim, Wan-Suk Yoo Fuzzy sliding-mode control of gasoline fuel-injection system with oxygen sensor 48428
Saechout, V., Nakano, M., Matsuo, Y. An optimum switching control for feedback sinusoidal inverters 16948
Saed, M.A. Efficient method for analysis and design of aperture-coupled rectangular microstrip antennas 4297
Saed, M.A. Computer-aided design of probe-fed and aperture-coupled rectangular microstrip antennas 21410
Saed, M.A. Measurement of the complex permittivity of low-loss planar microwave substrates using aperture-coupled microstrip resonators 23850
Saedi, R., Wen, J., Samant, N., Daryoush, A., Sturzebecher, D., Herczfeld, P. Comparison of CPU level data mixing to T/R level data mixing architectures in optically controlled phased arrays 4326
Saedi, R. *see* Samant, N. 4345
Saeger, K.E. *see* Heitzinger, F. 40360
Saegusa, M. *see* Machida, T. 3057
Saeki, H. *see* Toda, K. 38585
Saeki, K. *see* Higashi, K. 27387
Saeki, K. *see* Nishimura, E. 43974
Saeki, M. *see* Kashiwagi, Y. 15157
Saeki, M. *see* Kashiwagi, Y. 39683
Saeki, M. *see* Takeuchi, Y. 5634
Saeki, T. *see* Sugibayashi, T. 26919
Saeki, T. *see* Sugibayashi, T. 26954
Saeks, R., Lothers, M., Pap, R., Mach, K. A neural network based approach to fault diagnosis in aerospace systems 24414
Saenger, K.L. *see* Etzold, K.F. 9782
Saenger, K.L. *see* Roy, R.A. 815
Saenko, V.A., Svavil'nyi, N.E. Ionizers for electron-beam evaporators 1774
Saens, K. *see* Kuz'minov, V.V. 7164
Saerens, M. *see* Jospa, P. 13101
Saermark, K., Mikkelsen, K.B. Auditory evoked magnetic fields: analysis of the N100/P200 signal 31882
Saeta, P.N. *see* Dykaar, D.R. 744
Saetta, D.M.S. *see* Borio, R. 47040
Saez, P., Alley, R., Aoyagi, H., Clendenin, J., Frisch, J., Garden, C., Hoyt, E., Kirby, R., Klaisner, L., Kulikov, A., Prescott, C., Schultz, D., Tang, H., Turner, J., Witte, K., Woods, M., Zolotorev, M. Measurement of charge limit in a strained lattice GaAs photocathode 23989
Saez, P. *see* Schultz, D. 38807
Safa, H. *see* Cavedon, J.M. 15354
Safa, H. *see* Vallet, C. 15513
Safa, M.M.A. *see* Benhadj, R. 6447
Safaai-Jazi, A. A new method for the analysis and design of Chebyshev arrays 44627
Safaai-Jazi, A., Mortazavi, A. Graded-index linear tapers 43424
Safaee-Rad, R. *see* He, X. 22174
Safaei, F. The management plane of B-ISDN 37586
Safarova, F.D. *see* Abdullaev, G.B. 40479
Safavi, S. *see* Lopes, L.B. 22799
Safavi-Naeini, S., Chaudhuri, S.K., Goss, A. Design and analysis of novel multimode optical filters in dielectric waveguide 43470
Safavi-Naeini, S., Faraji-Dana, R., Chow, Y.L. Studies of edge current densities in regular and superconducting microstrip lines of finite thickness 1379
Safavi-Naeini, S. *see* Nayyer, J. 38090
Safavi-Naeini, S. *see* Yousefi, M. 43242
Safavi-Naini, R. Feistel type authentication codes 12973
Safavi-Naini, R., Tombak, L. Authentication codes under impersonation attack 21555
Safavi-Naini, R., Tombak, L. Optimal authentication systems 29479
Safavi-Naini, R. *see* Forsyth, W.S. 12863
Safavi-Naini, R. *see* Tombak, L. 21553
Saff, E.B. *see* Pedersen, J.F. 21928
Safiullin, G.M. *see* Kazakov, B.N. 14918
Safonov, A.N., Svetlichnyi, S.I. High-voltage high-performance electron-optical device driver 1014
Safonov, L.P. *see* Leyzerovich, A.Sh. 32688
Safonov, V.K. *see* Gabaraev, B.A. 32592
Safonova, L. *see* Brazis, R. 42372
Safonova, L.S. *see* Brazis, R.S. 29133
Safonova, M.A. *see* Anishchenko, V.S. 1002
Safonova, M.A. *see* Anishchenko, V.S. 26652
Safoutin, M.J., Thurston, D.J. A communications-based technique for interdisciplinary design team management 17772
Safra, M. *see* Dwork, C. 21536
Safranek, R. *see* Jayant, N. 21729
Safranek, R. *see* Jayant, N. 22079
Safrankova, J., Porges, M., Lalinsky, T., Mozolova, Z., Hudek, P., Kostic, I., Kraus, J., von Wendorff, W., Tegude, F.J., Jager, D. Photoelectrical properties of GaAs MSM photodetector compatible with pseudomorphic heterostructure MESFET 38510

Safronov, A.A. *see* Goryachev, V.L. 25220
Safronov, A.B. *see* Oleinikov, A.M. 40522
Safronov, A.G. *see* Ikramov, A.V. 44030
Safronov, A.I. Electromagnetic processes in the power system of rectifiers for electroplating baths 40667
Safronov, A.N. *see* Zolotarev, M.V. 13509
Safronov, G.S., Dymshits, V.T., Pasichnyi, V.F., Tomchuk, E.Ya., Spachenko, O.V. Polarization structure of images reconstructed on the basis of vector radiohologrames 13502
Safronova, O.G., Khichenko, V.I., Shtark, M.B. Tissue and cellular biosensors 23734
Safronova, O.N. *see* Ovsyannikov, A.L. 25319
Safronova, T.V. *see* Lukin, E.S. 25796
Saga, M. *see* Kanno, T. 31272
Saga, M. *see* Kanno, T. 31273
Saga, T. *see* Katsu, T. 24442
Saga Chang, Sin-Horng Chen, Chii-Jen Chung, Hong, V. A low data rate LPC vocoder using contour quantization 13141
Sagae, K. *see* Shimawaki, H. 27434
Sagae, M. *see* Kimura, S. 7393
Sagala, P., Kuwano, H. Reduction of leakage current and minority carrier lifetime in platinum-diffused pn diodes 2412
Sagalovich, Yu.L. New upper bounds on cardinality of separating systems 29474
Sagami, S. *see* Morita, H. 15908
Sagan, B.E. Combinatorial proofs of hook generating functions for skew plane partitions 520
Sagan, B.E. *see* Jozefiak, T. 532
Sagan, D. *see* Bozoki, E. 31592
Sagano, O. *see* Kitazawa, H. 11916
Sagar, B.S.D. *see* Mahadasa, V. 5004
Sagar, V.K., Haag, B. Efficiency of Lee's routing algorithm on a transputer network 18402
Sagar, V.K., Massara, R.E. A novel channel-width estimation technique for VLSI routing 19933
Sagara, K. *see* Kitsukawa, G. 26921
Sagara, K. *see* Kitsukawa, G. 26953
Sagara, T. *see* Asada, E. 39976
Sagara, T. *see* Kawai, T. 6451
Sagawa, K. *see* Takahashi, T. 24153
Sagawa, M., Nagata, H. Novel processing technology for permanent magnets 43322
Sagawa, M. *see* Yabuki, H. 10417
Sagawa, Y., Ohnishi, N., Sugie, N. On analysis of Japanese ill-formed sentences with self-repairs and their understanding by computer 36628
Sagayama, S., Sugiyama, M., Ohkura, K., Takami, J., Nagai, A., Singer, H., Hattori, H., Fukuzawa, K., Kato, Y., Yamaguchi, K., Kosaka, T., Kurematsu, A. ATREUS: continuous speech recognition systems at ATR interpreting Telephony Research Laboratories 14081
Sagayama, S. *see* Katagishi, K. 4559
Sagayama, S. *see* Katagishi, K. 29506
Sagayama, S. *see* Kosaka, T. 4558
Sagayama, S. *see* Kosaka, T. 44786
Sagayama, S. *see* Miyazawa, Y. 13035
Sagayama, S. *see* Miyazawa, Y. 44787
Sagayama, S. *see* Murakami, J. 13027
Sagayama, S. *see* Nakai, M. 44798
Sagayama, S. *see* Ohkura, K. 29551
Sagayama, S. *see* Singer, H. 13031
Sagayama, S. *see* Singer, H. 29508
Sagayama, S. *see* Takami, J. 13036
Sagayama, S. *see* Takami, J. 21675
Sagdeev, I.R., Drukier, A.K., Welsh, D.J. Data acquisition system for dark matter detectors 24100
Sage, D. *see* Weill, A. 11070
Sage, G.P.Le *see* Le Sage, G.P.
Sage, J.-P. *see* Aubry, Y. 6146
Sagefka, T. *see* Bechstedt, U. 15536
Sagefka, Th. *see* Bechstedt, U. 6934
Sager, K. *see* Nakladal, A. 6420
Sager, K. *see* Nakladal, A. 23533
Sager, K. *see* Nakladal, A. 23536
Sagerer, G. *see* Fink, G.A. 13155
Sagerer, G. *see* Mast, M. 36599
Sagerer, G. *see* Seestaedt, B. 13156
Sagesser, K., Keller, H. Statistics on cable failures 1980-1992 45740
Saggese, A. *see* Risso, L. 26524
Saggio, G. *see* de Cesare, G. 31312
Sagiovanni-Vincentelli, A. *see* Lam, W.K.C. 26615
Sagisaka, T. *see* Iwahashi, N. 21691
Sagisaka, Y. Natural language processing in speech synthesis 21683
Sagisaka, Y. *see* Campbell, N. 13004
Sagisaka, Y. *see* Kaiki, N. 21689
Sagitov, S.I. *see* Barabanov, V.S. 20956
Sagiv, C. *see* Karin, J. 39058
Sagnes, C. *see* Pigaglio, P. 5285
Sagnes, I., Campidelli, Y., Vincent, G., Badoz, P.A. Tunable infrared photoemission sensor on Si using epitaxial $ErSi_2$/Si heterostructures 15028
Sagnes, I. *see* Guldner, Y. 10726
Sago, S. *see* Sakamoto, K. 27912
Sago, S. *see* Yasuda, H. 27871
Sagoh, S. *see* Sakamoto, K. 27870
Saguet, P. The TLM method. Theory and applications: new features 29090
Sah, R.C. *see* Johnson, R.P. 6912
Saha, A., Krishnamurthy, R. Implementation and performance evaluation of cellular array multipliers using FPGAs 41845
Saha, A.R. *see* Dam, B. 45682
Saha, D. *see* Dhar, P. 30440
Saha, D.P., Basak, P.S., Singh, R.P. Carrier generation rates in polycrystalline Zn_3P_2 48117
Saha, H. *see* Gangopadhyay, U. 42960
Saha, H. *see* Muhopadhyay, K. 25930
Saha, M.M. Experience with a modern real-time power system simulator 47564
Saha, N.C. *see* Cho, J. 27629
Saha, P.K., Chaudhuri, B.B., Chanda, B., Dutta Majumder, D. Topology preservation in 3D digital space 45101
Saha, P.K., Guha, D. Impedance, attenuation and power-handling characteristics of double L-septa waveguides 4220
Saha, P.K. *see* Nag, B.R. 42192
Saha, R. *see* Bose, S. 26575
Saha, S.C., Barua, A.K., Ray, S. The role of hydrogen dilution and radiofrequency power in the formation of microcrystallinity of *n*-type Si:H thin film 18261
Saha, T.K. *see* Darveniza, M. 47922
Sahafi, H.F., Webb, A.P., Carter, M.A., Goldspink, G.F. The effect of process parameters on DC self-bias voltage in reactive ion etching of GaAs using CH_4/H_2 42722
Sahai, V. *see* Varma, A. 13897
Sahaida, S.R., Thompson, D.G. Tantalum and tantalum silicide high temperature rectifying contacts on type IIB natural diamond 10733
Sahakian, A.V. *see* Chan, C.L. 29955
Sahakian, A.V. *see* Chan, C.L. 31842
Sahalos, J.N. *see* Koukourlis, C.S. 18528
Sahalos, J.N. *see* Koukourlis, C.S. 41718
Sahalos, J.N. *see* Kyriacou, G.A. 24267
Sahara, R.T., Hummel, S.G., Steier, W.H., Dapkus, P.D. AlGaAs waveguide optically controlled directional coupler latch 43514
Sahara, R.T. *see* Ong, J.T. 12156
Sahara, Y. Application of the image processing technology to parts feeding 21937
Sahasrabudhe, S.C. *see* Banerjee, S. 29989
Sahasrabuhe, S.C. *see* Sengupta, S. 4929
Sahay, V. *see* McNeil, S. 37908
Saheb, H., Sabouni, I., Dang, M. An efficient approach for implementing MAC-level communication circuits 14326
Saheb, H. *see* Sabouni, I. 22644
Sahed, A. *see* Le Dinh, C.T. 38248
Sahiner, B., Yagle, A.E. Time-frequency distribution inversion of the Radon transform [image reconstruction] 13631
Sahiner, B., Yagle, A.E. A fast algorithm for backprojection with linear interpolation 13633
Sahiner, B., Yagle, A.E. Image reconstruction from projections under wavelet constraints 45256
Sahinoglou, H. *see* Tzovaras, D. 45083
Sahira, K. *see* Ono, N. 27660
Sahl, J.D., Kelsh, M.A., Smith, R.W., Aseltine, D.A. Exposure to 60 Hz magnetic fields in the electric utility work environment 39112
Sahlen, O. *see* Hill, G.R. 6051
Sahlen, O. *see* Oberg, M. 28686
Sahlen, O. *see* Ojala, P. 35488
Sahlen, O. *see* Stoltz, B. 35795
Sahli, S., Lescure, M., Boucher, J. A nonlinear circuit model for studying the frequency response in buried heterostructure lasers 35792
Sahli, S. *see* Krishnan, S. 1282
Sahm, H. *see* Preissner, J. 1264
Sahn Nahm *see* Min-Suk Lee 9715
Sahner, R.A. *see* Trivedi, K.S. 5354
Sahni, A.M. Experiences of Tata Electric Companies with 'on site dielectric testing' of GIS 48014
Sahni, A.M. AC test equipment used in TEC for 'on site dielectric testing' of GIS 48018
Sahni, S. *see* Ahn, K. 26558
Sahni, S. *see* Ahn, K. 41581
Sahni, S. *see* Li, W.-N. 9899
Sahni, S. *see* Paik, D. 26569
Sahoo, P.K., Farag, A.A., Yeap, Y.-P. Threshold selection based on histogram modeling 22176
Sahpaski, B.V., Jakimov, T.D., Mircevski, S.A. Substitution of relay-contactor control with chopper control for locomotives in mining industry 17646
Sahr, J.D., Grannan, E.R. Simulated annealing searches for long binary phase codes with application to radar remote sensing 23114
Sahu, D. *see* Natarajan, S. 43127
Sahu, S.K. *see* Murakami, A. 7247
Sai, M.S. *see* Uttamadoss, R. 25365
Sai, S.Siva Sankara *see* Siva Sankara Sai, S.
Sai Piu Chan *see* Chan Sai Piu
Saia, R. *see* Lyke, J.C. 40929
Saia, R.J. *see* Paik, K.W. 18315
Said, A., Pearlman, W.A. Reversible image compression via multiresolution representation and predictive coding 30057
Said, A.A. *see* Van Stryland, E.W. 21066
Said, A.E. *see* Raslan, N.A. 10279
Said, R.A., Bridges, G.E., Thomson, D.J. Scanned electrostatic force microscope for noninvasive high frequency potential measurement 35052
Said, S.A.M. *see* Abdelrahman, M.A. 9010
Saidoh, M. *see* Tsuji, H. 28422
Saidov, M.S. New semiconductor materials for thin film solar cells 25675
Saidov, M.S. Possibilities of using polycrystalline silicon for thin-film solar cells 33036
Saidov, M.S., Aliev, R., Shakarimov, A.S. Silicon high-voltage solar elements for concentrator systems 33040
Saidov, M.S. *see* Chirva, V.P. 40489
Saiedian, H., Wileman, S. A concurrent object-oriented framework for simulation of network protocols 5570
Saifkhani, F., Wallace, A.K. A linear brushless doubly-fed machine drive for traction applications 17543
Saifullah, Y., Manry, M.T. Classification-based segmentation of ZIP codes 29788
Saiga, N. Restoration of the intensity profile of a focused laser spot by means of combining optical correlation with a numerical method 44038
Saijo, H. *see* Isshiki, T. 19317
Saikatsu, T., Sakurai, T., Osawa, T. The characteristics of rare-gas-discharge fluorescent lamps 8965
Saiki, K. *see* Abe, H. 9616
Saiki, M. *see* Segawa, E. 24941
Saikkonen, H. *see* Kari, H.H. 37546
Saiko, V.G. Calculation technique for dipole antenna with capacitive inserts 4307
Saiko, Yu.V. *see* Khizhun, A.F. 7418
Saikumar, V., Jaccodine, R.J. Time lag and permeation in multilayer polymer coatings 18320
Sailaja, T. *see* Rafeeq Ahmed, P. 44765
Sailer, A. *see* Ho, W.J. 28255
Sailer, A. *see* Ho, W.J. 43090
Saillard, J. *see* Tajany, M. 30368
Sailor, M.J. *see* Curtis, C.L. 19274
Sailor, W.C., Mueller, F.M., Carlsten, B.E. Theory for a cylindrical pillbox accelerator cavity using layered structures for reducing skin-effect losses 23975
Sailor, W.C. *see* Maggiore, C.J. 38662
Saimin Jin *see* Vaman, D.R. 45694
Sainani, D.R., Jamieson, D.G. Application of speech recognition/clarification technology to dysarthric speech 13010
Saini, A. *see* Rao, V.R.M. 43044
Saini, L., Casiraghi, U. A 3D Fourier split-step technique for modelling microwave propagation in urban areas 12614
Saini, L., Casiraghi, U. Wave equations and solutions for split-step numerical modelling of propagation in urban areas 21265
Saini, S.S. Feasibility study for locating powerhouse inside the dam body [hydroelectric power stations] 25244
Sainov, S. Method and device for dispersiometric analysis of three-component liquid mixtures 15229
Saint, A. *see* Sexton, F.W. 35074
St. Arnaud, B. Multimedia FAX 37383
St. Clair, C.M. *see* Beyette, F.R., Jr. 43684
St. Clair, S. Real time encoding for digital video 22022
St Hilaire, P. Modulation transfer function and optimum sampling of holographic stereograms 36070
St. Onge, S.A. *see* Lim, P.J.-W. 30832
Saint Pe, J. *see* Fauquembergue, P. 24917
St Pierre, R.J., Injeyan, H., Hilyard, R.C., Weber, M.E., Berg, J.G., Wickham, M.G., Hoefer, C.S., Machan, J.P. One joule per pulse, 100 Watt, diode-pumped, near diffraction limited, phase conjugated, Nd:YAG master oscillator power amplifier 20712
St. Schneller *see* Backe, H. 47013
St. Ville, L.J. *see* Hood, K.J. 6052
Saint-Blanquat, M.de *see* de Saint-Blanquat, M.
Saint-Cricq, B., Rudra, A., Ganiere, J.D., Ilegems, M. High-reflectance GaInP/GaAs distributed Bragg reflector 3668
Saint-Laurent, F. *see* He Zhiyong 46884
Saint-Leon, C. Videodisc pure and simple 23342
Saint-Marc, P., Rom, H., Medioni, G. B-spline contour representation and symmetry detection 21954
Saint-Martin, X. *see* Joly, J. 1729
St.-Pierre, M. *see* Hornsby, J. 32075
Saints, K., Heegard, C. On hyperbolic cascaded Reed-Solomon codes 12854
Saion, E.A., Watt, D.E. Construction of a self-supporting tissue-equivalent dividing wall and operational characteristics of a coaxial double-cylindrical tissue-equivalent proportional counter 47148
Sait, S.M., Tanvir, M.S.K. VLSI layout generation of a programmable CRC chip 35043
Sait, S.M. *see* Benten, M.S.T. 26811
Saita, M., Yoshie, T., Watanabe, K., Muramori, K. High reliability design method of LC tuning circuit and substantiation of aging characteristics for 20 years 34149
Saitbatalova, R.S., Galeeva, R.U., Rubtsova, L.K. Some problems of operational monitoring of power in industrial plants 9029
Saitho, D. *see* Mizutani, A. 2975
Saito, A., Kimura, J., Shionoya, K., Kuriyama, T. Continuous non-diluted serum sample measurement with an ISFET glucose sensor 23743
Saito, A. *see* Inagaki, H. 25483

Saito, A. *see* Ito, N. 23740
Saito, A. *see* Maeda, T. 20424
Saito, C., Shibata, N., Chiba, T. Escalators with horizontal midsections for superior utilization of space 33113
Saito, C., Tabei, S., Kamoshita, N. Newly-developed escalators designed with passenger comfort in mind 33112
Saito, H., Fujita, K., Makajima, M. Magnetic field imaging using CT technique—ROI reconstruction system 15812
Saito, H., Kohno, R., Imai, H. A convolutional coded modulation scheme designed for controlling signaling probability 4455
Saito, H., Uwai, K., Kobayashi, N. GaAs quantum-wire laser using fractional layer superlattice 12098
Saito, H. *see* Chaki, S. 22425
Saito, H. *see* Chavez-Pirson, A. 43859
Saito, H. *see* Ebina, K. 20617
Saito, H. *see* Haga, T. 707
Saito, H. *see* Hatakenaka, T. 6260
Saito, H. *see* Kajita, M. 43683
Saito, H. *see* Kosaka, H. 43686
Saito, H. *see* Mine, Y. 20620
Saito, H. *see* Mizuno, T. 43981
Saito, H. *see* Morioka, Y. 16444
Saito, H. *see* Onuki, T. 40259
Saito, H. *see* Shizuno, H. 10528
Saito, H. *see* Uwai, K. 18283
Saito, H. *see* Watanabe, T. 25665
Saito, H. *see* Yabe, Y. 31357
Saito, J., Morita, K., Kurita, S., Doi, M., Aoki, Y., Akasaka, H. Modeling thermal diffusion of scanned and focused laser power on direct overwrite magneto-optical disk 20418
Saito, J. *see* Miyamoto, H. 20434
Saito, K., Kneisel, P. Q-degradation in high purity niobium cavities—dependence on temperature and RR-value 15491
Saito, K., Sano, M., Ogawa, K., Kajita, I. High efficiency a-Si:H alloy cell deposited at high deposition rate 33066
Saito, K., Shinya, K., Miyazawa, E. Effect of dimension ratio on the magnetic properties of tape-wound toroidal core with AC excitation 11497
Saito, K. *see* Abe, T. 27777
Saito, K. *see* Iseki, M. 41499
Saito, K. *see* Kako, E. 15505
Saito, K. *see* Kondo, T. 14349
Saito, K. *see* Narahara, H. 33766
Saito, K. *see* Yamamoto, K. 38866
Saito, M. Engineering technology for the disabled and the elderly 15926
Saito, M. Artificial intelligence, dynamic illumination shape LED futures 23803
Saito, M., Baba, N., Sawanobori, N., Miyagi, M. Hollow glass waveguides for mid-infrared light transmission 28481
Saito, M., Moriyama, S. A trellis-coded OFDM modulation method for terrestrial digital broadcasting systems and its performance under multipath conditions 38215
Saito, M., Moriyama, S. A digital modulation method for terrestrial digital broadcasting systems using a trellis coded OFDM under multipath conditions 46183
Saito, M., Yamaguchi, S. Accessing information resources on the Internet 45531
Saito, M., Yoshitomi, T., Hara, H., Ono, M., Akasaka, Y., Nii, H., Matsuda, S., Momose, H.S., Katsumata, Y., Ushiku, Y., Iwai, H. P-MOSFET's with ultra-shallow solid-phase-diffused drain structure produced by diffusion from BSG gate-sidewall 34957
Saito, M. *see* Hagiwara, H. 31948
Saito, M. *see* Hanashima, S. 23949
Saito, M. *see* Hosoya, M. 4019
Saito, M. *see* Kobashi, S. 16589
Saito, M. *see* Lau, M.Y. 331
Saito, M. *see* Matsuoka, H. 23736
Saito, M. *see* Mori, M. 42341
Saito, M. *see* Yaji, T. 8974
Saito, N., Beylkin, G. Multiresolution representations using the autocorrelation functions of compactly supported wavelets 44985
Saito, N., Hagihara, S. The present status and future trends in mechatronics technology 25959
Saito, N. *see* Beylkin, G. 33463
Saito, N. *see* Kitazawa, M. 3046
Saito, N. *see* Suzuki, I. 726
Saito, N. *see* Yamada, T. 1849
Saito, R. *see* Fujiwara, H. 26983
Saito, R. *see* Kobayashi, T. 46208
Saito, R. *see* Yamamura, S.'i. 34572
Saito, S. Effect of fiber nonlinearity on ultra-long distance transmission 28472
Saito, S., Kumagai, M., Kondou, T. Defect elimination by MeV ion implantation 10870
Saito, S., Okabayashi, H., Mori, H., Komatsu, M. Retardation and enhancement in lateral solid phase epitaxy of Si on SiO2 by MeV electron beam irradiation 9668
Saito, S., Takami, T., Yamamoto, H. Adaptive carrier tracking (ACT) demodulation for QPSK mobile radio transmission 45794
Saito, S., Tsutsui, T., Era, M., Takada, N., Adachi, C., Hamada, Y., Wakimoto, T. Progress in organic multilayer electroluminescent devices 38616
Saito, S. *see* Ezure, S. 47932
Saito, S. *see* Higashiki, T. 42802
Saito, S. *see* Itaya, K. 12200
Saito, S. *see* Koizumi, T. 18840
Saito, S. *see* Kurano, M. 19169
Saito, S. *see* Kurosawa, K. 32503
Saito, S. *see* Mizutani, Y. 47087
Saito, S. *see* Onomura, M. 12234
Saito, S. *see* Sawano, H. 6013
Saito, S. *see* Takada, N. 11855
Saito, S. *see* Takada, N. 11859
Saito, S. *see* Tsutsui, T. 35589
Saito, S. *see* Yamao, Y. 18539
Saito, T. Card connectors adopt to wide variety of IC memory cards 1684
Saito, T. An evolving scenario of communication network towards B-ISDN 14281
Saito, T., Aida, H., Eng-Theam Ooi, Tomiyama, T. Improvement of traffic bias characteristics and acknowledgement method for MULTISTAR LAN 45526
Saito, T., Aoki, H., Tamaru, T., Owada, N. Reliability improvement in blanket tungsten CVD contact filling process for high aspect ratio contact 42770
Saito, T., Honda, K., Tonami, K., Kudo, H. Three-dimensional visualization of cerebral blood vessels 15806
Saito, T., Igarashi, T., Komatsu, T., Aizawa, K. Signal-processing based acquisition of very high resolution images using multiple cameras 22284
Saito, T., Kudo, H. A unified approach to tomographic image reconstruction from incomplete projections 24238
Saito, T., Kurosawa, K., Sakurai, K. 4 move perfect ZKIP of knowledge with no assumption 12883
Saito, T., Moteki, M., Takemasa, E., Komatsu, T. Delayed-decision pattern-matching lossy image coding via copying 22014
Saito, T., Sakamoto, S., Okuma, K., Fukumoto, H., Okuda, Y. Mask overlay scaling error caused by exposure energy using a stepper 11043
Saito, T., Sato, J. Development of low NO_x gas turbine combustors 16680
Saito, T., Shimogaki, Y., Egashira, Y., Komiyama, H., Yuyama, Y., Sugawara, K., Takahiro, K., Nagata, S., Yamaguchi, S. Deposition of WSi_x films from preactivated mixture of WF_6/SiH_4 27798
Saito, T., Tabuchi, J., Kibi, Y., Sato, K., Katsu, K., Ochi, A. Large-capacitance electric double layer capacitors 19170
Saito, T. *see* Akiyama, Y. 17276
Saito, T. *see* Asada, H. 31367
Saito, T. *see* Hayama, H. 9509
Saito, T. *see* Henmi, N. 45919
Saito, T. *see* Henmi, N. 45966
Saito, T. *see* Iwamoto, S. 13951
Saito, T. *see* Kinoshita, K. 37312
Saito, T. *see* Kohari, K. 26672
Saito, T. *see* Komatsu, T. 31015
Saito, T. *see* Komatsu, T. 45077
Saito, T. *see* Kudo, H. 24259
Saito, T. *see* Kuwahara, K. 38601
Saito, T. *see* Lu Zhaoyi 37389
Saito, T. *see* Mizusaki, J. 17364
Saito, T. *see* Nakahara, A. 5241
Saito, T. *see* Ohtsu, S. 30669
Saito, T. *see* Shibata, M. 8904
Saito, T. *see* Shimogaki, Y. 827
Saito, T. *see* Sugiura, E. 2269
Saito, T. *see* Suzuki, T. 34113
Saito, T. *see* Tabuchi, J. 1664
Saito, T. *see* Watanabe, E. 1296
Saito, Y. Carrier profile variation of a channel conductive layer through phospho-silicate-glass cap annealing of N+ Si-implanted GaAs crystals 10799
Saito, Y. Refractoriness of high-current and low acceleration voltage arsenic-ion implanted polycrystalline silicon against fluorine chemistry 10957
Saito, Y. The low specific ohmic contact resistivity of alloyed Ge-low-content Au on Si-implanted electrically-active GaAs crystal layers [MESFET arrays] 27571
Saito, Y. Unexpected penetration of AuGe/Pt metal into an interface between a atmospheric chemical vapor deposition silicon dioxide film and GaAs wafer surface 27786
Saito, Y., Fujii, T. Low dislocation-density and vacancy-rich glassy-pinning quasi GaAs crystal by liquid-encapsulated Czochralski growth 26393
Saito, Y., Hirata, M., Tada, H., Hyodo, M. Electrically switchable window using a suspension of TiO_xN_y particles 3186
Saito, Y., Kanaya, T., Nomura, A., Kano, T. Experimental trial of a hollow-core waveguide used as an absorption cell for concentration measurement of NH_3 gas with a CO_2 laser 21152
Saito, Y., Michizono, S., Anami, S., Kobayashi, S. Surface flashover on alumina RF windows for high-power use 2704
Saito, Y., Nishio, J. Capacitance-voltage-method carrier concentration depth profiles in liquid-encapsulated-Czochralski-technique grown GaAs wafers from near-stoichiometric and extremely-composition melts 26392
Saito, Y., Sasaki, F., Kawasaki, H., Ishimura, H., Tokuda, H., Ohtomo, M. Reliability of low-noise HEMTs under gamma-ray irradiation 19894
Saito, Y., Shimazu, Y., Kobayashi, S., Shimizu, T., Matsuo, M., Ohtsuka, A., Shirai, K., Murata, H., Nishiwaki, Y., Fujioka, I., Nabeta, Y., Kanamoto, H., Hiraoka, S., Suzuki, T., Hinata, J., Shimotsuma, Y. A 1.71 M-transistor CMOS CPU chip with a testable cache architecture 27002
Saito, Y., Shimazu, Y., Shimizu, T., Shirai, K., Fujioka, I., Nishiwaki, Y., Hinata, J., Shimotsuma, Y., Sakao, M. A 1.71-million transistor CMOS CPU chip with a testable cache architecture 26964
Saito, Y., Suga, T., Inoue, K., Mitani, T., Tomizawa, Y., Nishio, J., Terashima, K., Katsumata, T., Fukuda, K., Washizuka, S., Yashiro, S., Takami, S., Nakajima, M., Watanabe, M. Drain current DLTS spectra and GaAs substrate crystal effect on low-frequency-oscillations of Si-implanted MESFETs 2605
Saito, Y., Sugimura, Y., Sugihara, M. High-current and low acceleration voltage arsenic ion implanted polysilicon-gate and source-drain electrode Si MOS transistor 11224
Saito, Y. *see* Denno, S. 29424
Saito, Y. *see* Hata, K. 42378
Saito, Y. *see* Kobayashi, S. 2702
Saito, Y. *see* Kurata, Y. 17635
Saito, Y. *see* Meng, C.C. 1504
Saito, Y. *see* Michizono, S. 1810
Saito, Y. *see* Ogihara, T. 18324
Saito, Y. *see* Saotome, H. 15872
Saito, Y. *see* Takahashi, K. 3963
Saitoh, H., Toyoda, J. A petri net based technique for analyzing the participation process of dispersed generation 24833
Saitoh, H. *see* Mottate, Y. 16227
Saitoh, H. *see* Shibata, T. 39479
Saitoh, K., Kawakami, Y., Murata, M. On the AC breakdown mechanism of the laminated oil-impregnated PPLP 43147
Saitoh, K., Kawakami, Y., Murata, M. The effects of polypropylene on the impulse breakdown mechanism of the laminated oil-impregnated PPLP 43148
Saitoh, K. *see* Nishino, T. 2912
Saitoh, K. *see* Tanaka, K. 33446
Saitoh, M. *see* Yamada, A. 663
Saitoh, N., Akamine, T., Aoki, K., Kojima, Y. Composition and growth mechanisms of a boron layer formed using the molecular layer doping process 9699
Saitoh, R. *see* Kurihara, Y. 17834
Saitoh, T. The latest control and protection systems for hydraulic power plants 32780
Saitoh, T. *see* Katoh, H. 46181
Saitoh, T. *see* Nakajima, J. 6165
Saitoh, T. *see* Yamaguchi, H. 23778
Saitoh, Y., Hasegawa, Y., Kiryu, T., Hori, J. Electrocardiogram data compression by the Oslo algorithm and DP matching 31928
Saitoh, Y., Ibe, I., Imai, H. Peak-shift and bit error-correction with channel side information in runlength-limited sequences 12855
Saitoh, Y., Imai, H. Asymptotic bounds for unidirectional byte error-correcting codes 21599
Saitoh, Y., Takeuchi, H., Mandai, M., Kanazawa, H., Yamanaka, J., Miyahara, S., Kamiya, M., Fujita, Y., Higashi, Y., Ikeda, H., Ikeda, M., Koike, S., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Avrillon, S., Okuno, S., Haba, J., Hanai, H., Mori, S., Yusa, K., Fukunaga, C. Development of new assembly techniques for a silicon micro-vertex detector unit using the flip-chip bonding method 46854
Saitoh, Y., Yamanaka, J., Suzuki, H., Miyahara, S., Kamiya, M., Kadoi, K., Masuda, T., Maemura, K., Inoue, M., Suzuki, A., Takeuchi, H., Mandai, M., Kanazawa, H., Higashi, Y., Ikeda, H., Koike, S., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Avrillon, S., Okuno, S., Haba, J., Hanai, H., Mori, S., Yusa, K. Development of novel architecture and assembly techniques for a detector unit for a silicon microvertex detector using the flip-chip bonding method 7254
Saitoh, Y. *see* Ishigami, S.-I. 19585
Saitoh, Y. *see* Itakura, K. 38565
Saitoo, Y. *see* Koharagi, H. 25459
Saitou, H. *see* Yagi, N. 34090
Saitou, N. *see* Kawano, M. 27907
Saitou, N. *see* Matsuzaka, T. 27872
Saitou, N. *see* Nakayama, Y. 2322
Saitou, N. *see* Ohta, H. 27877
Saitou, N. *see* Sohda, Y. 28000
Saitou, S. *see* Sanada, M. 43106
Saitou, S. *see* Takasu, N. 16913
Saitov, I.S. *see* Aksinenko, V.D. 7265
Saitta, B. *see* Buontempo, S. 31696
Saitto, A. *see* Barbieri, A. 22946
Saiz, J. *see* Ribas, L. 19947
Saj, C.F. *see* Steigerwald, R.L. 40314

Saja, J.A.de *see* de Saja, J.A.
Sajadieh, M., Venetsanopoulos, A.N. Wavelet vector quantization of images 13658
Sajben, M. Uncertainty estimates for pressure sensitive paint measurements 23930
Sajer, J.-M. *see* Michielssen, E. 19012
Sajiki, K. *see* Nabekawa, Y. 20678
Sajner, J. Will electrical injuries become a thing of the past? 26141
Sajot, G. *see* Adam, W. 7259
Sajot, G. *see* Adam, W. 31715
Sajot, G. *see* Adam, W. 46929
Saka, B., Yazgan, E. Synthesis of parabolic reflector antenna patterns using optimized array feed 12768
Saka, M., Yuasa, D., Abe, H., Sugino, K., Kageyama, H. Potential drop technique for nondestructive evaluation of bifurcated crack in rail 33781
Saka, N. *see* Wang, B.-J. 1776
Saka, T., Kato, T., Nakanishi, T., Tsubata, M., Kishino, K., Horinaka, H., Kamiya, Y., Okumi, S., Takahashi, C., Tanimoto, Y., Tawada, M., Togawa, K., Aoyagi, H., Nakamura, S. New-type photocathode for polarized electron source with distributed Bragg reflector 23991
Saka, Y., Tamagawa, N., Yoshida, S., Ushihara, H., Manabe, T. Video signal processing IC for TV-combined VCRs 38342
Sakabe, S. *see* Kometani, H. 40108
Sakabe, Y. *see* Wakino, K. 42328
Sakae, T. *see* Nohtomi, A. 46966
Sakae, T. *see* Rashid, M.M. 24098
Sakagami, H. *see* Hamakawa, R. 5338
Sakagami, I. *see* Munehiro, T. 22795
Sakaguchi, F. On the optimal diagonal approximation of the covariance function with respect to the relative entropy: by the wavelet basis 13278
Sakaguchi, H., Jibu, M., Nojima, M. Automatic realtime gathering, computing and service: ARGUS 14876
Sakaguchi, H. *see* Kimura, T. 15063
Sakaguchi, H. *see* Nagamura, T. 11557
Sakaguchi, H. *see* Sasaki, Y. 1841
Sakaguchi, K., Hasebe, N. A feeding technique for broadbanding and dual-banding microstrip antenna 4268
Sakaguchi, K., Kaneko, M. A study on fault diagnosis for the oscillation fault using information from external terminals 18441
Sakaguchi, K., Kaneko, M. A basic study of fault diagnosis for the oscillation fault caused by a parasitic element 26549
Sakaguchi, K. *see* Koden, M. 11701
Sakaguchi, M. *see* Yokota, K. 19780
Sakaguchi, S. Evaluation of heating condition for collapse of fluoride glass tubes 35328
Sakaguchi, S. *see* Kaneko, Y. 25585
Sakaguchi, T. *see* Fujiwara, H. 26983
Sakaguchi, T. *see* Fujiwara, H. 37562
Sakai, A., Tatsumi, T. Ge growth on Si using atomic hydrogen as a surfactant 18169
Sakai, E., Harada, K. Analysis of switching characteristics of a MOSFET synchronous rectifier 26699
Sakai, F. *see* Horikawa, M. 31901
Sakai, H. Recursive least-squares algorithms of modified Gram-Schmidt type for parallel weight extraction 45004
Sakai, H., Imura, T. Adaptive lattice filters for block RLS based on QR decomposition 36737
Sakai, H. *see* Okamura, H. 31623
Sakai, H. *see* Sichanugrist, P. 26515
Sakai, J.W., La Scala, N., Jr., Main, P.C., Beton, P.H., Foster, T.J., Geim, A.K., Eaves, L., Henini, M., Hill, G., Pate, M.A. Mesoscopic effects in resonant tunnelling diodes 42850
Sakai, K., Migita, S., Ota, H., Otera, H., Aoki, R. Epitaxial growth of Bi(2201) phase in atomic layer-by-layer deposition by ion beam sputtering method 709
Sakai, K., Oishi, T., Tokumasu, T. Torque analysis of large permanent magnet coupling 11499
Sakai, K., Washizu, T. Structure and characteristics of a high speed axial gap motor with two rotor discs 25383
Sakai, K. *see* Kingetsu, T. 41377
Sakai, K. *see* Morimatsu, E. 30965
Sakai, K. *see* Mutoh, N. 40513
Sakai, K. *see* Nishimura, K. 18225
Sakai, M. *see* Ino, K. 29658
Sakai, M. *see* Ogawa, Y. 48147
Sakai, N. *see* Dokiya, M. 16737
Sakai, N. *see* Horita, T. 40457
Sakai, N. *see* Kurumada, A. 8259
Sakai, N. *see* Yokokawa, H. 17346
Sakai, R., Morii, M., Kasahara, M. New key generation algorithm for RSA cryptosystem 36579
Sakai, R., Sasano, H., Kasahara, M. Computer search of the best convolutional codes on the basis of weight distribution 29432
Sakai, R. *see* Ikeda, Y. 48383
Sakai, S. Integrated light emitters on silicon substrates 35631
Sakai, S., Ohashi, Y. Selective lateral growth mechanism of GaAs by liquid-phase electroepitaxy 26445
Sakai, S., Wada, N. Monolithic III-V light-emitting devices on Si substrates 20546
Sakai, S. *see* Kato, K. 11690
Sakai, S. *see* Kato, K. 11691
Sakai, S. *see* Kuriki, M. 45477
Sakai, S. *see* Masuda, S. 4007
Sakai, S. *see* Nishiwaki, H. 17385
Sakai, S. *see* Toda, K. 43615
Sakai, T. Digital audio interface adapts graphic audio analyzer to latest trends 38590
Sakai, T., Ito, T., Takesue, F., Tsutsumi, F., Nishizawa, N., Hamada, A. Portable power source with low temperature operated PAFC 17311
Sakai, T., Kohno, M., Hirae, S., Nakatani, I., Kusuda, T. Noncontact, electrode-free capacitance/voltage measurement based on general theory of metal-oxide-semiconductor (MOS) structure 6712
Sakai, T. *see* Chen, L. 16258
Sakai, T. *see* Hamada, N. 11943
Sakai, T. *see* Kameyama, K. 3246
Sakai, T. *see* Kitsukawa, G. 26921
Sakai, T. *see* Kitsukawa, G. 26953
Sakai, T. *see* Segawa, E. 24941
Sakai, Y., Yamamoto, S. A method of protecting high-priority packets in video packet transmission 13852
Sakai, Y. *see* Matsuguchi, M. 46365
Sakai, Y. *see* Mruetusatorn, S. 38610
Sakai, Y. *see* Muramatsu, K. 22137
Sakai, Y. *see* Naganuma, K. 44027
Sakai, Y. *see* Nakao, Y. 11336
Sakai, Y. *see* Sadaoka, Y. 6669
Sakai, Y. *see* Sato, K. 18734
Sakai, Y. *see* Sugo, M. 28858
Sakai, Y. *see* Tode, H. 37178
Sakai, Y. *see* Yunibhand, K. 30099
Sakairi, N., Richie, S.M., Casey, K.C., Malocha, D.C. Characteristics and fabrication of a narrow gap transducer 7667
Sakaiya, T. *see* Ichikawa, Y. 25333
Sakajiri, M. *see* Matsushima, J.I. 15890
Sakaki, H. *see* Ahopelto, J. 26400
Sakaki, H. *see* Fasol, G. 42479
Sakaki, H. *see* Inoshita, T. 19373
Sakaki, H. *see* Inoshita, T. 43894
Sakaki, H. *see* Kadoya, Y. 2188
Sakaki, H. *see* Koshiba, S. 18209
Sakaki, H. *see* Koshiba, S. 41349
Sakaki, H. *see* Kurata, H. 42859
Sakaki, H. *see* Miya, S. 2143
Sakaki, H. *see* Nakamura, Y. 41344
Sakaki, H. *see* Ohno, Y. 19914
Sakaki, H. *see* Uchiyama, K. 43665
Sakaki, Y. *see* Yamamoto, O. 17268
Sakakibara, I., Tsutsui, K. New network systems 22694
Sakakibara, K. Characterizing planar power magnetics for high frequency DC/DC converters 17045
Sakakibara, K. R&D cooperation among competitors: a case study of the VLSI Semiconductor Research Project in Japan 26120
Sakakibara, K. *see* Maruyama, H. 674
Sakakibara, K. *see* Masuda, S. 4007
Sakakibara, S., Amano, N., Ishida, A., Fujiyasu, H. P-type doping for ZnTe films and ZnTe-ZnSe SL's by hot wall technique 727
Sakakibara, S., Amano, N., Ishino, K., Ishida, A., Fujiyasu, H. Characteristics of nitrogen-doped ZnTe films and ZnTe-ZnSe superlattices grown by hot wall epitaxy 9519
Sakakibara, T. *see* Imai, T. 2872
Sakakibara, T. *see* Kobayashi, Y. 28397
Sakakibara, T. *see* Takikawa, H. 8675
Sakakibara, T. *see* Takikawa, H. 15231
Sakakibara, T. *see* Tsuchiya, Y. 32635
Sakakihara, M., Odahara, H., Ueda, K., Sugimura, T., Okamoto, M., Marui, S., Ishikawa, T. Low-power-consumption DSP MN1920811 34087
Sakakihara, M. *see* Ueda, K. 26998
Sakakima, H. *see* Mikami, H. 20128
Sakakura, M., Skiest, S. Ultra-miniature chip inductors serve at high-frequency 14503
Sakalas, P. *see* Bareikis, V. 19338
Sakallah, K. *see* Upton, M. 27003
Sakallah, K.A. *see* Burks, T.M. 27032
Sakallah, K.A. *see* Chang, C.-H. 27033
Sakallah, K.A. *see* Riepe, M.A. 972
Sakallah, K.A. *see* Shriver, E.J. 26871
Sakama, H. *see* Kageshima, M. 27444
Sakamizu, T., Yamaguchi, H., Shiraishi, H., Murai, F., Ueno, T. Development of positive electron-beam resist for 50 kV electron-beam direct-writing lithography 27962
Sakamoto, A., Oikawa, H. Formulation of distribution area size for subscriber networks 22686
Sakamoto, A. *see* Liu, X. 18395
Sakamoto, A. *see* Taniguchi, N. 2610
Sakamoto, A. *see* Taniguchi, N. 26545
Sakamoto, H., Nishimura, K., Ishibashi, Y., Nakano, H. Multimedia integrated switching architecture for visual information retrieval systems 22719
Sakamoto, H., Noguchi, S., Harada, K. Switched snubber for high-frequency switching converters 8510
Sakamoto, H. *see* Hashiguchi, G. 27408
Sakamoto, H. *see* Hashiguchi, G. 42354
Sakamoto, H. *see* Ishibashi, Y. 45339
Sakamoto, H. *see* Korhonen, T. 15644
Sakamoto, H. *see* Korhonen, T. 38925
Sakamoto, H. *see* Yamazaki, O. 42761
Sakamoto, K., Fueki, S., Yamazaki, S., Abe, T., Kobayashi, K., Nishino, H., Satoh, T., Takemoto, A., Ookura, A., Ohno, M., Sagoh, S., Oae, Y., Yamada, A., Kai, J., Yasuda, H. Electron beam block exposure system for 256 M dynamic random access memory lithography 27870
Sakamoto, K., Fueki, S., Yamazaki, S., Abe, T., Kobayashi, K., Nishino, H., Satoh, T., Takemoto, A., Ookura, A., Oono, M., Sago, S., Oae, Y., Yamada, A., Yasuda, H. Electron-beam block exposure system for a 256 M dynamic random access memory 27912
Sakamoto, K., Kobayashi, T., Kawasaki, S., Kishimoto, Y., Musyoki, S., Watanabe, A., Takahashi, M., Ishizuka, H., Sato, M., Shiho, M. Millimeter wave amplification in a free electron laser with a focusing wiggler 20930
Sakamoto, K., Shiho, M., Watanabe, A., Musyoki, S., Kishimoto, Y., Kawasaki, S., Ishizuka, H. A study of waveguide mode identification in a FEL experiment 43982
Sakamoto, K. *see* Candelaria, J. 2648
Sakamoto, K. *see* Kawasaki, S. 44000
Sakamoto, K. *see* Miyazaki, S. 19570
Sakamoto, K. *see* Murota, J. 9650
Sakamoto, N. On safe communication on communication channels that may alter information intentionally 29467
Sakamoto, N. *see* Asakawa, M. 3695
Sakamoto, N. *see* Asakawa, M. 43691
Sakamoto, N. *see* Asakawa, M. 43965
Sakamoto, N. *see* Kamei, H. 46311
Sakamoto, N. *see* Okamura, H. 31623
Sakamoto, S. *see* Ito, K. 25502
Sakamoto, S. *see* Saito, T. 11043
Sakamoto, S. *see* Takagi, H. 17278
Sakamoto, T., Fujiwara, H. Numerical analysis for eddy current characteristics of magnetically saturated ferromagnetic tubes 909
Sakamoto, T., Kanehori, M., Takegami, Y., Yamamoto, T., Nakagomi, S. Improvement in reliability of a polyimide capacitive humidity sensor 14949
Sakamoto, T., Nihey, F., Nakamura, K. Additivity of ballistic electrons 10709
Sakamoto, T. *see* Hashimoto, S. 5703
Sakamoto, T. *see* Sugawara, T. 6690
Sakamoto, Y., Aoki, Y. A reconstruction method of front-looking radar using long-wavelength holography technique 14702
Sakamoto, Y., Endo, T., Sakuraba, T. A 10 V calibrating system using an automated voltage divider and a 1 V Josephson array 6276
Sakamoto, Y. *see* Jun Xu 29791
Sakamoto, Y. *see* Sugino, T. 27568
Sakamoto, Y. *see* Yoshida, H. 6274
Sakamoto, Y. *see* Yoshida, H. 6752
Sakanaka, T. *see* Huang, W. 14660
Sakanashi, Y. *see* Yamaguchi, S. 39011
Sakaniwa, K. *see* Onozuku, T. 22655
Sakaniwa, K. *see* Uyematsu, T. 30823
Sakaniwa, K. *see* Yoshida, K. 21603
Sakano, J., Furukawa, S. The improvement of thermal stability of B in SiGeB/Si heterostructure by stress compensation 27519
Sakano, J., Furukawa, S. Study of shallow p^+n junction formation using SiGe/Si system 27531
Sakano, K. *see* Kurosawa, K. 29487
Sakano, T. *see* Kimura, T. 3282
Sakao, M. *see* Kimura, H. 34114
Sakao, M. *see* Maeno, H. 26945
Sakao, M. *see* Saito, Y. 26964
Sakao, M. *see* Tsujihashi, Y. 41853
Sakarya, F.A., Hayes, M.H. Partial discharges in high-voltage transformers 8476
Sakarya, F.A., Hayes, M.H., III A subspace rotation-based technique for estimating 2-D arrival angles using nonlinear array configurations 44997
Sakasai, K. *see* Kishimoto, M. 21160
Sakashita, N. *see* Nakamura, K. 10194
Sakashita, N. *see* Nakamura, K. 34108
Sakashita, Y. *see* Ono, M. 48226
Sakata, A., Yamada, Y., Murakami, T. Optimum deflection angles of two-magnet deflecting systems for use in nuclear life-time measurements 31574
Sakata, H., Kawasaki, H. Vertical forward coupler based channel-dropping photodetector 38503
Sakata, H., Miyamoto, H., Sugimoto, K., Kikuchi, K., Isomura, S., Masada, E. Switching characteristics analysis of GTO with snubber using finite element method 16945
Sakata, H., Nakao, N. Electrical conductivity of amorphous chalcogenide films in As-Se-Sb system 1861
Sakata, H., Sugimoto, K., Isomura, S., Masada, E. One and two dimensional device simulation of GTO using finite element method 11186
Sakata, H. *see* Mori, H. 27497
Sakata, H. *see* Yamaguchi, R. 17380
Sakata, I. *see* Yamanaka, M. 9752
Sakata, J. *see* Asahi, R. 31233
Sakata, K. *see* Fukaumi, T. 42260
Sakata, K. *see* Sugizaki, G. 14977

Sakata, M. Developers refine extrusion molding for neodymium bonded magnets 2851
Sakata, M. *see* Ito, T. 27879
Sakata, S. Multimedia information communication and processing technologies for groupware 14156
Sakata, T. *see* Horiguchi, M. 28261
Sakata, T. *see* Sasaki, M. 7612
Sakata, T. *see* Yoshioka, S. 34052
Sakata, Y. *see* Aihara, K. 5700
Sakata, Y. *see* Sasaki, T. 3402
Sakatani, H. *see* Mikazuki, Y. 20108
Sakato, Y. *see* Hattori, S. 6215
Sakauchi, H., Okanoue, Y., Egawa, T., Hasegawa, S. Distributed network restoration system TRANS 13952
Sakauchi, H., Okanoue, Y., Okazaki, H., Hasegawa, S. Distributed self-healing control in SONET 14619
Sakauchi, H. *see* Hasegawa, S. 38065
Sakaue, H., Nakasako, T., Nakaune, K., Kusuki, T., Miki, A., Horike, Y. Digital chemical vapor deposition of silicon oxide/nitride and its surface reaction study 18275
Sakawa, M., Iwasa, M., Iokibe, T. Optimal operation planning of an electric furnace by simulated annealing and fuzzy modeling 17626
Sakawa, M. *see* Inuiguchi, M. 18052
Sakawaki, T. *see* Morimatsu, E. 30965
Sakaya, Y. *see* Harata, D. 35069
Sakayanagi, S. *see* Maeno, H. 1228
Sakellariou, N.K., Leighton, H.G., Li, Z. Identification of clear and cloudy pixels at high latitudes from AVHRR radiances 7599
Sakemi, J. *see* Shiraishi, Y. 18420
Sakhaf, M. *see* Schmeits, M. 19739
Sakharov, V.A. *see* Drobyshevskii, E.M. 38717
Saki, M.C., Ider, Y.Z., Ozin, B., Oto, A. Effects of EMG and respiration on signal averaging of the P wave 15878
Sakinada, K. *see* Tachikawa, K. 11514
Sakitani, Y. *see* Kawano, M. 27907
Sakiyama, K. *see* Hikita, M. 22865
Sakiyama, K. *see* Okamoto, K. 26446
Sakiyama, K. *see* Yamazaki, O. 42761
Sakk, E., Belina, J., Thomas, R.J. A method for decreasing neural network training time as applied to ECG classification 24293
Sakkalis, T., Farouki, R.T. Algebraically rectifiable parametric curves 463
Sakly, J., Delarue, P., Bausiere, R. Rejection of undesirable effects of input DC-voltage ripple in single-phase PWM inverters 8661
Sako, H., Avi-Itzhak, H.I. A connectionist approach to the correspondence problem in computer vision 29818
Sako, K. Electronic voting scheme allowing open objection to the tally 36571
Sakoguchi, E. *see* Tanaka, K. 16946
Sakoguchi, E. *see* Tanaka, K. 17616
Sakoguchi, E. *see* Tanaka, K. 17617
Sakoh, T. *see* Maeda, Y. 33732
Sakong, S.C. *see* Song, M.K. 14366
Sakota, N. *see* Yamamura, K. 19123
Sakouti, K., Abouzeid, P., Crastes, M., Besson, T., Fron, J., Saucier, G. Coherent optimisation strategies for multilevel synthesis 18641
Sakowicz, S. *see* Gilewicz, M. 41639
Saks, M. *see* Linial, N. 26312
Saks, N.S., Klein, R.B., Stahlbush, R.E., Mrstik, B.J., Rendell, R.W. Effects of post-stress hydrogen annealing on MOS oxides after ^{60}Co irradiation or Fowler-Nordheim injection 34978
Saks, N.S. *see* Van den bosch, G. 34964
Saksena, T.K. *see* Bindal, V.N. 32136
Saksena, V.R. *see* Dravida, S. 22720
Sakthivel, P. *see* Oman, D.M. 3428
Saku, T. *see* Itoh, M. 42478
Saku, T. *see* Tarucha, S. 42533
Sakuda, M. *see* Fukushima, Y. 15662
Sakuda, M. *see* Grajew, G. 37613
Sakuda, M. *see* Kruger, A. 38860
Sakugawa, T. *see* Yatsui, K. 20952
Sakui, K. *see* Aritome, S. 41883
Sakui, M., Fujita, H. Calculation of uncharacteristic harmonics generated by three-phase diode-bridge rectifier with DC filter capacitor 17009
Sakulin, M., Schmautzer, E., Sattler, P., Furtner, R. Power consumption efficiency in washing machines 48483
Sakuma, A. *see* Endoh, M. 35213
Sakuma, E. *see* Miki, Y. 15184
Sakuma, F., Ono, A. Radiometric calibration of the EOS ASTER instrument 24464
Sakuma, H., Furukawa, Y., Okada, T., Tanabe, K., Ueno, S. Image processing for visual inspection of connector-plug-pins using neural networks 10587
Sakuma, K., Tanaka, T., Tani, T. Yearly characteristics of a photovoltaic/thermal hybrid panel based on exergy theory 25683
Sakuma, N., Homma, Y. Reliability improvement of polyimide-insulated Al-alloy interconnection against package resin shrinkage stress 17920
Sakuma, N. *see* Sasaki, M. 38563
Sakuma, S. *see* Hama, H. 25042
Sakuma, S. *see* Miyamoto, S. 34050
Sakuma, T. *see* Matsubara, S. 11403
Sakuma, T. *see* Tamaki, E. 25497
Sakuma, T. *see* Tsuchiya, K. 25287
Sakumoto, W.K. *see* Auchincloss, P.S. 46953
Sakumoto, W.K. *see* Kinnel, T.S. 38880
Sakumoto, Y., Sukuki, T., Kusui, S. A method of frequency test of wattmeters using equivalent actual load 38593
Sakura, K. *see* Shirai, Y. 7524
Sakuraba, B., Murota, J., Ono, S. Silicon atomic layer growth using flash heating in CVD 9653
Sakuraba, H. *see* Minamikawa-Tachino, R. 13644
Sakuraba, M., Murota, J., Ono, S. Stability of the dimer structure formed on Si(100) by ultraclean low-pressure chemical-vapor deposition 41459
Sakuraba, N. *see* Murata, N. 46199
Sakuraba, T. *see* Sakamoto, Y. 6276
Sakurada, H. VFD attributes, refinements assure success in graphic uses 23804
Sakurada, S. *see* Seto, H. 17352
Sakurada, S. *see* Yoshida, T. 17281
Sakurai, A. *see* Maruyama, Y. 1285
Sakurai, H. *see* Tamai, M. 15244
Sakurai, I. *see* Ebiko, H. 23043
Sakurai, K., Itoh, T. On the discrepancy between serial and parallel of zero-knowledge protocols 12927
Sakurai, K., Itoh, T. Subliminal channels for signature transfer and their application to signature distribution schemes 12953
Sakurai, K., Itoh, T. On bit correlations among preimages of 'many to one' one-way functions: a new approach to study on randomness and hardness of one-way functions 21568
Sakurai, K., Itoh, T. Subliminal channels for transferring signatures: yet another cryptographic primitive 36572
Sakurai, K. *see* Itoh, T. 12884
Sakurai, K. *see* Itoh, T. 12889
Sakurai, K. *see* Morioka, Y. 16260
Sakurai, K. *see* Saito, T. 12883
Sakurai, K. *see* Suda, A. 20996
Sakurai, K. *see* Unami, Y. 6004
Sakurai, M., Hamada, N. Two-dimensional line spectrum estimation by polar coordinate AR models 29656
Sakurai, N., Fujiyasu, H., Ishida, A. Lead-strontium-telluride films and lasers prepared by hot-wall epitaxy 26447
Sakurai, N., Kaneseki, T., Kobori, M., Nishimura, H., Ikeda, H., Kawasaki, T. Development of a compact simulator for the prototype ATR Fugen 16590
Sakurai, N. *see* Irie, K. 23324
Sakurai, N. *see* Ishida, A. 43893
Sakurai, N. *see* Shibuki, M. 14819
Sakurai, T. A review on low-voltage BiCMOS circuits and a BiCMOS vs. CMOS speed comparison 10130
Sakurai, T. High-speed/high-density logic circuit design 18624
Sakurai, T., Kitakami, O., Shimada, Y. Observation of high density recording states using magnetic fine particles made by sputtering method 35237
Sakurai, T., Natori, K., Fujiwara, N. R&D activities on electric vehicles in TEPCO 48190
Sakurai, T. *see* Aruga, S. 44176
Sakurai, T. *see* Hasimoto, C. 252
Sakurai, T. *see* Ichimiya, A. 33612
Sakurai, T. *see* Saikatsu, T. 8965
Sakurai, T. *see* Shimizu, H. 48224
Sakurai, T. *see* Yamawaki, K. 14348
Sakurai, Y. *see* Nagasawa, K. 28754
Sakurai, Y. *see* Ohhata, K. 10171
Sakurai, Y. *see* Ohhata, K. 18731
Sakurai, Y. *see* Tanabe, S. 22733
Sakurai, Y. *see* Yamagata, Y. 16483
Sakurano, H. *see* Minowa, M. 23154
Sakuta, T., Takashima, T., Boulos, M.I. Measurement of heating and acceleration processes of metal and ceramic powders in induction plasma by light pulse analysis method 9810
Sakuta, T., Terachi, S., Takashima, T., Ishikawa, M. Transport properties of high temperature SF_6 gas contaminated with Cu and PTFE vapor at high pressure condition 17110
Sakuta, T. *see* Takikawa, H. 8675
Sakuta, Y., Takeuchi, H., Sekine, Y. A study on application to reference source for PLL by MCXO 43223
Sakuyama, S., Watanabe, I. Solderability of solder-coated surfaces for SMT printed wiring boards 34383
Sala, D. *see* Tesauri, M. 3595
Sala, P.R. *see* Ferrari, A. 23950
Sala, R. *see* Milanesi, S. 17142
Sala, R. *see* Rovetta, A. 39082
Saladin, J.X. *see* Metlay, M.P. 7294
Salah, J.E. *see* Barvainis, R. 46149
Salakhutdinov, I.F. *see* Andrianov, S.N. 11651
Salakhutdinov, V.K., Mikaelian, A.L. Holographic interconnects using bacteriorhodopsin material 3928
Salakhutdinov, V.K. *see* Mikaelian, A.L. 3933
Salakhutdinov, V.K. *see* Mikaelian, A.L. 12480
Salama, C.A.T. *see* Iniewski, K. 42836
Salama, C.A.T. *see* Li, P. 11169
Salama, C.A.T. *see* Liang, S. 28287
Salama, C.A.T. *see* Mok, P.K.T. 43130
Salama, C.A.T. *see* Shuo Xiao 41687
Salama, M. *see* Elsonbaty, N. 25253
Salama, M.H. The role of magnetizing reactance in steady-state performance of induction generators 25451
Salama, M.M.A., Chikhani, A.Y. A simplified network approach to the VAr control problem for radial distribution systems 24685
Salama, M.M.A., Fouda, S.E., Braun, J.M. Effect of electrical stress on sound propagation of polymeric insulating materials 35171
Salama, M.M.A., Temraz, H., Chikhani, A.Y., Bayoumi, M.A. Fault-current limiter with thyristor-controlled impedance 25022
Salama, M.M.A. *see* Bouchard, D. 16182
Salama, M.M.A. *see* Hanna, M.A. 16331
Salama, M.M.A. *see* Hanna, M.A. 16332
Salama, M.M.A. *see* Hanna, M.A. 16338
Salama, M.M.A. *see* Hanna, M.A. 47532
Salama, M.M.A. *see* Mazroua, A.A. 35116
Salamakha, B.S. *see* Mavlyutov, A.A. 20643
Salamanca-Riba, L. *see* Ballal, A.K. 10953
Salamanca-Riba, L. *see* Kuo, L.H. 42486
Salameh, Z.M. *see* Casacca, M.A. 32796
Salamero, L.M. *see* Lopez, E.M.V. 41706
Salami, R. *see* Sanchez-Calle, V.E. 13149
Salami, R.A. *see* Hanzo, L. 22803
Salamo, G. *see* Kukhtarev, N. 21111
Salamo, G.J. *see* Kukhtarev, N. 21101
Salamone, S. Internetwork security: unsafe at any node? 22610
Salamone, S. Novell takes a stab at middleware 30475
Salamone, S. Branch-office routers 45556
Salaneck, W.R. *see* Kowalczyk, S.P. 41484
Salari, E. *see* Li, W. 36822
Salas, E. *see* Prince, A. 153
Salas, E. *see* Zalesny, M.D. 151
Salas, E.Gomez *see* Gomez Salas, E.
Salas, T.M. *see* Thomas, D.E. 47585
Salathe, R.P. *see* Limberger, H.G. 28473
Salavedra, J.M., Masgrau, E., Moreno, A., Jove, X. Comparison of different order cumulants in a speech enhancement system by adaptive Wiener filtering 4539
Salazar, A.O., Stephan, R.M. A bearingless method for induction machines 47884
Salazar, J.L.Salazar *see* Salazar Salazar, J.L.
Salazar, R.A. *see* Lawson, C.M. 3044
Salazar Salazar, J.L. PWM: optimized and intelligent. Selective harmonic elimination 18919
Salazar-Palma, M. *see* Gracia-Castillo, L.E. 12666
Salbert, G.T. *see* Gopinath, V. 27734
Salcedo, J.R. *see* Okhotnikov, O.G. 3551
Salcedo, P. *see* Zhuravlyov, G.E. 39695
Salden, A.H. *see* Ter Haar Romeny, B.M. 37033
Salden, M.H.L. *see* Severs, A.H. 23745
Saldin, E.L., Sarantsev, V.P., Schneidmiller, E.A., Yurkov, M.V. On a possibility to construct a high luminosity 2×5 GeV photon collider at SLC 31538
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. Method for calculating the space charge effects in a free electron laser 12268
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. The features of an FEL oscillator with a tapered undulator 12269
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. High efficiency FEL oscillator with time-dependent undulator tapering 35906
Sale, T.E. *see* Matin, M.A. 35837
Saledas, P.K. *see* Huang, J.C. 1566
Saleh, A.A.M. *see* Alexander, S.B. 6055
Saleh, B.E.A. *see* Asi, M.K. 13415
Saleh, B.E.A. *see* Nakajima, N. 36963
Saleh, I.Al *see* Al Saleh, I.
Saleh, K. *see* Ahmad, I. 10037
Saleh, M.B. *see* Elhagry, M.T. 16724
Saleh, M.B. *see* Rizk, M.R.M. 11258
Saleh, R.A. *see* Gih-Guang Hung 26571
Salehi-Sangari Esmail *see* Esmail Salehi-Sangari
Salehnia, A. *see* Bin Cong 30452
Salem, A. *see* Wang, Y. 23587
Salem, S.Ould *see* Ould Salem, S.
Salema, C. *see* Pires, C. 23306
Salembier, P. Adaptation of grey level structuring elements for morphological filters with application to shape detection 21991
Salemink, H.W.M., Johnson, M.B., Albrektsen, O. Cross-sectional scanning tunneling microscopy on heterostructures: atomic resolution, composition fluctuations and doping 42460
Salerno, C.H. *see* Neto, L.M. 40200
Salerno, C.H. *see* Neto, L.M. 40201
Salerno, C.H. *see* Neto, L.M. 40206
Salerno, E. *see* Bedini, L. 22001
Salerno, E.A. Achieving super-resolution with band-pass images 22204
Salerno, M. *see* Bonato, P. 14522
Salerno, M. *see* Cardarilli, G.C. 18879
Sales, B. *see* Colin, M. 14141
Sales, V. *see* Pradell, L. 30649
Salesse, A. *see* Graham, R.M. 18157
Salete, S.C.P. *see* Fraga, M.M. 15655
Saletskii, A.M. *see* Akimov, A.I. 12037
Saletti, R. *see* Roncella, R. 34089
Salez, M., Febvre, P., McGrath, W.R., Bumble, B., Leduc, H.G. An SIS waveguide heterodyne receiver for 600 GHz-635 GHz 46148

Salgado, H.M., O'Reilly, J.J. Performance assessment of subcarrier multiplexed fibre/radio systems 5934
Salgado, H.M., O'Reilly, J.J. Performance assessment of FM broadcast subcarrier-multiplexed optical systems 23038
Salgado, H.M. *see* O'Reilly, J.J. 23036
Salge, H.J. *see* Bohme, O. 40460
Salge, J.G.H. *see* Katschinski, U. 28630
Sali, A. On the rigidity of spherical t-designs that are orbits of finite reflection groups 41035
Sali, R., Harsanyi, G. Observing the percolation effect in thick film superconductors 35256
Sali, S. Coupling of electromagnetic fields to coplanar striplines with discontinuities 18955
Sali, S. Effect of electromagnetic interference on coupled microstrip interconnects on lossy integrated circuit substrates 34210
Salib, M., Gupta, A., Ali, F., Dawson, D. A 1.8-W, 6-18-GHz HBT MMIC power amplifier with 10-dB gain and 37% peak power-added efficiency 1639
Salib, M. *see* Ali, F. 34264
Saliba, T.E., Hofmann, D., Smolinski, P. Development of an in situ Hall-effect sensor for on-line monitoring of thickness and compaction during composite curing 38698
Salice, F. *see* Dell'Acqua, A. 7283
Salice, F. *see* Dell'Acqua, A. 46998
Salichs, M. *see* Tolsa, J. 33848
Salicio, J.M. *see* Ferrando, A. 15617
Salieres, P. *see* Mens, A. 6596
Saliga, J.J. *see* Wilkinson, G.A. 32684
Salik, M.D. *see* Borley, S.J. 38113
Salikhov, Kh.M. *see* Kovalevskaya, G.G. 34607
Salikhov, K.M. *see* Slobodchikov, S.V. 11846
Salillas, J., Farvardin, N. Adaptive multi-stage vector quantization of images 13804
Salimbeni, R. *see* Franceschini, M.A. 11996
Salimian, S. *see* Tsai, W. 2151
Salimov, R.A. ELV-type (rectifier) accelerators and their applications 15464
Salina, F. *see* Sacchi, G. 43800
Salinas, A. *see* Gomez Martin, R. 29091
Salinas, A. *see* Kuz'minov, V.V. 7164
Salinas, D.G., de Sterke, C.M. Nonlinear optics of deep gratings 35981
Salinas, J., Feng, C., Wall, J., Lombardi, F. Optimal reconfiguration of WSI multipipeline arrays 41988
Salinas, J., Lombardi, F. Diagnosis of reconfigurable two-dimensional arrays using a scan approach 41990
Salinas, Y.Cuellar *see* Cuellar Salinas, Y.
Salingaros, N.A. A description of self-exciting dynamos in Cartesian and cylindrical geometries 33073
Salisbury, L. Industry-university cooperation 1987-1993: a selected and annotated bibliography 197
Salisbury, M.S., McManamon, P.F., Duncan, B.D. Sensitivity improvement of a 1-μm ladar system incorporating an optical fiber preamplifier 14709
Salisch, M.Von *see* Von Salisch, M.
Salkind, A.J. *see* Weckesser, J. 17237
Sallaerts, D. *see* Meylemans, P. 30585
Salle, D. *see* Fischer, K. 35465
Salleh, A.Z.M. *see* Fairhurst, G. 22947
Salles, P. *see* Zhang, J.P. 33597
Salloum, H.R. *see* Olson, D.W. 45927
Salman, S.K., Jiang, F., Rogers, W.J.S. Effects of wind power generators on the voltage control of utility distribution networks 25340
Salmanov, F.K., Shpilevoi, V.A. Utilization of casing-head gas for energy applications and optimization of energy use pattern in oil and gas production 25978
Salmer, G. *see* Giannini, F. 1555
Salmi, J. *see* Kattelus, H. 9671
Salmi, M., Drozdy, G., Niemela, J., Valimaki, J., Rissanen, J., Hara, V. Assessing the effects of carrier reuse in GSM network by simulation 22808
Salmi, M. *see* Harju, J. 22861
Salmi, T., Brander, P.E. Computer assisted detection of REM and non-REM sleep for analysis of nocturnal hypoxaemia in patients with ventilatory impairment 47092
Salminen, O., Sormunen, K., Keinonen, T., Savander, P. Optimization of maximum diffraction efficiency of photoresist gratings 21097
Salminen, O. *see* Ozols, A. 44154
Salminen, O. *see* Peiponen, K.-E. 6800
Salminen, P. Solving the discrete multiple criteria problem using linear prospect theory 17998
Salmon, G.L. *see* Booth, N.E. 20188
Salmon, G.L. *see* Brink, P.L. 20191
Salmon, G.L. *see* Hahn, A.D. 20197
Salmon, G.L. *see* Swift, A.M. 46947
Salmon, J.C. PWM switching patterns for operating a 3-phase inverter bridge as a boost converter 8662
Salmon, J.C. A variable speed drive circuit topology for feeding a 3-phase inverter bridge with a combined current and voltage DC link 8856
Salmon, J.C. Techniques for minimizing the input current distortion of current-controlled single-phase boost rectifiers 33880
Salmon, J.C. Circuit topologies for single-phase voltage-doubler boost rectifiers 33881
Salmon, L.G. Evaluation of thin film MCM materials for high-speed applications 297
Salmon, P. *see* Chupeau, B. 31023
Salmon, P. *see* Nunn, J.W. 42815
Salokatve, A., Jeon, H., Ding, J., Hovinen, M., Nurmikko, A.V., Grillo, D.C., Li He, Han, J., Fan, Y., Ringle, M., Gunshor, R.L., Hua, G.C., Otsuka, N. Continuous-wave, room temperature, ridge waveguide green-blue diode laser 20767
Salokatve, A., Jeon, H., Hovinen, M., Kelkar, P., Nurmikko, A.V., Grillo, D.C., He, L., Han, J., Fan, Y., Ringle, M., Gunshor, R.L. Low voltage, room temperature, ridge waveguide green-blue diode laser 12146
Salokatve, A. *see* Grillo, D.C. 3647
Salokatve, A. *see* Grillo, D.C. 28811
Salomon, C. *see* Clairon, A. 6300
Salomon, M. *see* Van Hoesel, S. 33496
Salomoni, R.C. Innovative maintenance techniques in generator excitation system 16552
Salomonsson, G. *see* Bietrix, F. 15831
Salon, S.J. *see* Krajewski, W. 12513
Salonen, J., Kalli, S. Edge adaptive interpolation for scanning rate conversions 30157
Salopek, Z. Realization of roaming function between two MTX exchanges 14495
Salotti, R. *see* De Cesare, G. 31298
Salotti, R. *see* de Cesare, G. 31312
Salous, S. Effect of channel distortion on the compression of FMCW signals 4114
Salous, S., Pantzaris, P., Green, P. An ASIC solution for programming digital synthesizers for the generation of spread spectrum signals 5800
Salous, S., Pantzaris, P., Green, P. FMCW waveforms for UHF/SHF wideband channel sounders 30660
Salperwyck, L. *see* Cavalli, U. 33120
Salpini, D.P. *see* Mah, G.R. 37923
Salsich, T. *see* Hager, G.D. 12005
Salt, E.J. *see* Cibere, J.J. 31184
Salt, E.J. *see* Panicker, J. 30607
Salt, J.E., Kumar, S. Suitability of MSK modulation in a direct-sequence spread spectrum system 37709
Salt, J.E. *see* Gander, R.E. 33281
Salt, J.E. *see* Varshney, P. 22852
Salt, J.E. *see* Varshney, P. 37844
Salt, J.E. *see* Yun Xiang Yuan 44884
Saltanovsky, Yu.G. *see* Molin, A.N. 33673
Saltat, R. *see* Wells, J. 17180
Saltenis, V., Tiesis, V. Simulation and optimization of radar search strategies 6117
Salter, I.W. *see* Atkinson, R. 28385
Salter, I.W. *see* Atkinson, R. 35220
Salter, L. User involvement in IT&T standardization 37255
Salter, R., III *see* Hoang, L. 18712
Salter, S.H. Wave energy: some questions and answers 8235
Salter, S.H. Changing the 1981 spine-based ducks [wave power generation] 25259
Salter, T. Automated calibration speeds transducer checkout 24542
Saltiel, S. *see* Buchvarov, I. 20686
Saltiel, S. *see* Buchvarov, I. 44132
Saltiel, S.M. *see* Milev, I.Y. 35737
Saltzman, M.J. *see* Ho-Won Jung 41098
Saltzman, R.S. On line UV-visible analysis increases process efficiency 46666
Saluja, K. *see* Mujumdar, A. 41776
Saluja, K.K. *see* Chou, R.M. 41730
Saluja, K.K. *see* Chun-Yeh Liu 26801
Saluja, K.K. *see* Franklin, M. 18709
Saluja, K.K. *see* Franklin, M. 41896
Saluja, K.K. *see* Kelsey, T.P. 18678
Saluja, K.K. *see* Lee, S.Y. 26854
Saluja, K.K. *see* Ramanathan, P. 14871
Salunke, R.S. Which VPI solventless resin to select for impregnation of electrical machines—epoxy or polyesterimide? 16751
Salupo, C.S. *see* Neudeck, P.G. 34907
Salus, S. Using the electronic classroom for ESL 22555
Salutari, R. *see* Carrara, G. 16987
Salutari, R. *see* Giglioli, R. 48309
Salvaderi, L., Stallard, S., Reese, C. Emissions control: comparison of the US and Western European approaches 39931
Salvador, A.C. *see* Sundstrom, G.A. 22729
Salvador, J.R. *see* Calderon, J.C. 22572
Salvail, L. *see* Brassard, G. 29501
Salvan, F. *see* Thibaudau, F. 27805
Salvatore, F.di *see* di Salvatore, F.
Salvatore, L., Stasi, S., Tarchioni, L. A new EKF-based algorithm for flux estimation in induction machines 16825
Salvatori, E. *see* Barbieri, A. 22946
Salvatori, E. *see* Capodieci, P. 37901
Salvatori, I. *see* Bocciolini, M. 24082
Salvermoser, M. *see* Wieser, J. 20644
Salvetti, O., Bragagni, P., Marraccini, P., Levorato, D., L'Abbate, A., Marzilli, M., Braccini, G. Quantitative three-dimensional analysis of intravascular echography 38979
Salvi, M. *see* Favennec, P.N. 10845
Salvi, M. *see* Kechouane, M. 10844
Salviati, G., Ferrari, C., Lazzarini, L., Nasi, L., Norman, C.E., Bruni, M.R., Simeone, M.G., Martelli, F. Strain release in MBE grown InGaAs/GaAs superlattices 693
Salviati, G. *see* Attolini, G. 41295
Salviati, G. *see* Bocchi, C. 2028
Salviati, G. *see* Lazzarini, L. 691
Salvini, G. *see* Baccetti, B. 37720
Salvino, L.W., Cawley, R. 'Smoothness' in embedded time-series 33476
Salvino, R.E., Buot, F.A. Random telegraphic noise in double barrier systems 19357
Salvino, R.E. *see* Dobisz, E.A. 2319
Salvino, R.E. *see* Dobisz, E.A. 11038
Salvino, R.E. *see* Dobisz, E.A. 27948
Salvo, C. *see* Beer, A. 31662
Salvo, C. *see* Bruschini, C. 38888
Salvo, L.De *see* De Salvo, L.
Saly, V. *see* Ruzinsky, M. 10777
Salzman, J. *see* Coudenys, G. 41306
Salzman, K. *see* Bryant, D.T. 1611
Salzman, K. *see* Yarborough, R. 1613
Salzmann, J. *see* Maayan, E. 26433
Sam Chung Chong *see* Chong Sam Chung
Samaan, M. *see* Berge, N. 37544
Samaddar, S., Mammone, R. Image segmentation using neural tree network 4907
Samaddar, S.N. Behavior of the energy density in the Fresnel region of a conducting circular disk excited by single-cycle sinusoids 21370
Samadi, S., Nishihara, A., Fujii, N. Interval properties of lattice allpass filters with applications 18878
Samal, A. *see* Reichenbach, S.E. 9160
Samal, A. *see* Yuhong Yu 22016
Samal, M., Karny, M., Zahalka, D. Bayesian identification of a physiological model in dynamic scintigraphic data 39028
Samann, D. *see* Fink, H. 25574
Samant, M.S., Anand, R.P., Choudhury, R.K., Nadkarni, D.M., Kapoor, S.S. Back-to-back gridded ionization detector technique for the determination of fragment angle and its use for the measurement of neutron angular distributions in $^{235}U(n_{th}, f)$ 7157
Samant, N., Saedi, R., Daryoush, A.S., Herczfeld, P.R. Fiber optic links for phased array antenna at C-band 4345
Samant, N. *see* Saedi, R. 4326
Samant, N.R. *see* Ackerman, E. 23033
Samanta, B., Chaudhuri, A.K., Sharma, S.L., Pal, U. Anomalous photovoltage in $Cd_{0.80}Zn_{0.20}Te$ thin films 35559
Samanta, L.K., Ghosh, D.K., Ghosh, P.S., Chatterjee, S. Mixed chalcopyrites as useful solar cell materials 25679
Samanta, L.K. *see* Hsu, Y.J. 1892
Samantaray, A.K., Starkey, J. A fast sequential algorithm for pixel grey level ranking in adaptive rank filters applied to digital images 22254
Samar, V.J., Swartz, K.P., Raghuveer, M.R., Braveman, A.L., Centola, J.M., Jackson, J.K. Quadratic phase coupling in auditory evoked potentials from healthy old subjects and subjects with Alzheimer's dementia 7447
Samara, D. *see* Lian, S. 9557
Samaras, I. *see* Julien, C. 42453
Samaraweera, N. *see* Fairhurst, G. 14261
Samaraweera, N. *see* Fairhurst, G. 22947
Samardjiev, T., Bradley, P.A., Cander, L.R., Dick, M.I. Ionospheric mapping by computer contouring techniques 4096
Samarets, G.N. *see* Antikain, P.A. 47641
Samartsev, I.E. *see* Sychugov, V.A. 43804
Samartsev, V.V. *see* Zuikov, V.A. 12331
Sambandan, A. *see* Umamaheswari, B. 24732
Sambasiva Rao, V., Ramana, D.V., Suvarna, L., Bhaskaranarayana, A., Pal, S. X-band high bitrate QPSK modulator 30688
Sambles, J.R., Martin, A.S. Molecular rectification 19273
Sambles, J.R. *see* Jory, M.J. 31336
Sambles, J.R. *see* Martin, A.S. 19272
Sambrano, G. *see* Johnson, R. 40005
Sambrano, G. *see* Yurkanin, T. 8212
Samed, Y. *see* Padamsee, H. 15428
Samel'son, G.M. Influence of inhomogeneity evolution on the time correlation and frequency spectrum of intensity fluctuations of a wave, propagating in a turbulent medium 12557
Sameshima, T. Pulsed-laser annealing of silicon films 9688
Sameshima, T., Kohno, A., Sekiya, M., Hara, M., Sano, N. SiO_2 formation by thermal evaporation of SiO in oxygen atmosphere used to fabrication of high performance polycrystalline silicon thin film transistors 34950
Sameshima, T. *see* Sekiya, M. 42975
Samesima, M.I., de Oliveira, J.C. Modeling and simulation of instrument transformers under nonsinusoidal supply 40296
Samet, H. *see* Chuan-Heng Ang 22256
Samfat, D. *see* Molva, R. 45820
Sami, M. *see* Dell'Acqua, A. 7283
Sami, M. *see* Dell'Acqua, A. 46998
Sami, M.G. *see* Distante, F. 18925
Samico, R.A.M. *see* Vaisman, R. 24939
Saminadayer, K. *see* Bassani, F. 10848

Samir, W., Garth, S.J., Pask, C. Interplay of grating and nonlinearity in mode coupling 29014
Samir, W., Pask, C., Garth, S.J. Nonlinear optical switching in birefringent gratings 36034
Samitier, J. *see* Lopez-Villegas, J.M. 27705
Samitier, J. *see* Marco, S. 1824
Samitier, J. *see* Marco, S. 6403
Samitier, J. *see* Marco, S. 27706
Samitsu, Y. A study of silicon-wafer surface evaluation using atomic force microscopy 34728
Samm, R.W. *see* Von Dollen, D.W. 16383
Sammelmann, G.S., Hackman, R.H. Scattering from elastic shells near an interface and the concept of a super resonance 23224
Sammet, W. *see* Rall, B. 17583
Sammon, T.M., Jr. Augmented transition network pattern matching algorithm extension for integration of multiple hypotheses input 29596
Sammpei, S. *see* Kamio, Y. 45763
Sammuller, R. Electromagnetic compatibility effects in local area networks 29202
Sammuller, R. *see* Oehler, A.M. 22752
Sammut, C.V., Cronin, N.J., Schnell, R.D., Tews, H. Accurate small-signal modelling of a double barrier resonant tunnelling diode (DBRTD) 1541
Sammut, R.A. *see* Garth, S.J. 20300
Sammut, R.A. *see* Tran, H.T. 36016
Samoc, A., Samoc, M., Kohler, D., Stahelin, M., Funfschilling, J., Zschokke-Granacher, I. Linear and second order optical properties of the trigonal adducts of triiodomethane with sulphur and quinoline 12355
Samoc, M. *see* Samoc, A. 12355
Samofalov, V.N., Lukashenko, L.I. Features of remagnetization processes in stripes of multilayer films with crossed easy axes of magnetization and prospects of their applications 20135
Samoilenko, V.I. Tomographic methods of controlling reflections from local objects 23134
Samoilenko, Yu.I. *see* Klimenko, Yu.A. 1152
Samoilov, A.G. *see* Polushin, P.A. 43720
Samoilov, V.D. *see* Pikkel, E.V. 12505
Samoilov, V.D. *see* Pikkel, E.V. 14717
Samoilov, V.D. *see* Pleshanov, Yu.V. 14716
Samoilova, I.S. *see* Ship, V.V. 9858
Samoilova, T.B. *see* Kozyrev, A.B. 28396
Samokhin, A.B. Low-frequency scattering of electromagnetic waves by three-dimensional dielectric bodies 12559
Samokhvalov, M.K. Equivalent circuit of thin-film electroluminescent emitters 11856
Samorukov, M.M. *see* Korchuganov, V.N. 15386
Samosadnyi, V.T. *see* Lakina, I.Y. 24387
Samotyi, V.V. Analysis of steady-state conditions of a single-phase full-wave rectifier 26681
Samotyj, M. *see* Martzloff, F.D. 47575
Samotyj, M. *see* Oliver, J. 9072
Samouelian, A. Acoustic feature extraction framework for automatic speech recognition 13000
Samouelian, A. *see* Hunt, A.J. 14072
Samouelian, A. *see* Jianming Song 29505
Samouelian, A. *see* Lo, W. 13941
Samouelian, A. *see* Song, J.M. 13055
Samoylov, S.A. *see* Arapov, L.N. 15283
Sampas, N.M., Liu, R., Gustafson, E.K., Byer, R.L. Frequency stability measurements of two non-planar ring oscillators independently stabilized to two Fabry-Perot interferometers 3719
Sampath, S., Slater, D., Wagner, M. An acoustic-phonetic comparison of English diphthongs produced by native speakers of Tamil and Australian English 4548
Sampath, S. *see* Ramakrishnan, P.A. 11818
Sampath, V., Delisle, G.Y., Raymond, J. Radar cross-section analysis using theoretical and experimental signatures 23100
Sampathkumar, T.S., Srinivasan, S., Nagarajan, T., Balachandran, U. Properties of $YBa_2Cu_3O_{7-\delta}$-$BaBiO_3$ composite superconductors 11520
Sampayan, S.E., Caporaso, G.J., Holmes, C.L., Lauer, E.J., Prosnitz, D., Trimble, D.O., Westenskow, G.A. Emission from ferroelectric cathodes 34469
Sampei, S., Feher, K. Improvement of delay spread immunity by using symbol timing synchronisation based on maximum likelihood estimation for 16 QAM/TDMA diversity receivers 14470
Sampei, S., Kamio, Y., Sasaoka, H. Field experiments on pilot symbol aided 16 QAM for land mobile communication systems 14481
Sampei, S., Moriyama, E., Sasaoka, H., Kinoshita, N., Hiramatsu, K., Inogai, K., Honma, K. Field experiments on a 16 QAM/TDMA system for land mobile communications 37728
Sampei, S. *see* Kamio, Y. 37879
Sampei, S. *see* Sunaga, T. 5777
Sampietro, M. *see* Gatti, E. 24003
Sample, M., Neufeld, G. Implementing efficient encoders and decoders for network data representations 5541
Sample, M., Neufeld, G. High-performance ASN.1 compiler 30494
Sampo, Y. *see* Mitsubori, S. 14791
Sampson, C. *see* Bailey, D. 38919
Sampson, C. *see* Bailey, D. 38920
Sampson, D.D., Read, I.J. Scattering noise in optical fibre systems 35397
Sampson, D.D. *see* Griffin, R.A. 22993
Sampson, R.K., Conrad, K.A., Massoud, H.Z., Irene, E.A. Wavelength considerations for improved silicon wafer temperature measurement by ellipsometry 38733
Sampson, R.K., Conrad, K.A., Massoud, H.Z., Irene, E.A. Substrate doping and microroughness effects in RTP temperature measurement by in situ ellipsometry 42389
Sampson, R.K. *see* Conrad, K.A. 27737
Samria, N.K. *see* Sil, A. 10606
Sams, J. Model the equation, not the circuit 26627
Samson, A.M. *see* Logvin, Yu.A. 2983
Samson, J.R., Jr Optimizing reliability in a two-level distributed architecture for wafer scale integration 41994
Samsonov, V.E. *see* Voitenko, I.G. 30456
Samsonova, L.G. *see* Kopylova, T.N. 3468
Samsonova, T.P. *see* Ivanov, P.A. 11216
Samuel, R. *see* Thompson, P.T. 14555
Samueli, H. *see* Chung, B.-Y. 5715
Samueli, H. *see* Horng, B.-R. 18875
Samueli, H. *see* Kuczynski, M.A. 30562
Samueli, H. *see* Min, J. 14487
Samuelides, M. *see* Guerin, Y. 9914
Samuelson, L., Maximov, I., Gustafsson, A., Liu, X., Seifert, W., Hansson, H.-C., Wiedensohler, A. Studies of quantum dots fabricated by combining aerosol and plasma etching techniques 10956
Samuelson, L. *see* Emanuelsson, P. 42462
Samuelson, L. *see* Jonsson, J. 19577
Samuelson, L. *see* Paulsson, G. 41381
Samuelson, L. *see* Seifert, W. 33641
Samuelsson, J. *see* Holgersson, M. 17556
Samukawa, S. Time-modulated electron cyclotron resonance plasma discharge for controlling the polymerization in SiO_2 etching 27715
Samukawa, S. Advanced electron cyclotron resonance plasma etching technology for precise ultra-large-scale integration patterning 42670
Samulski, T.V. *see* Zhang, Y. 24333
Samus, S.S., McOwan, P.W., Hossack, W.J. An iterative algorithm for connected structure computer generated holograms 21121
Samwer, K. *see* Bardal, A. 41275
Samy Hosny, M., Hanson, J. A wide-band, high-precision CMOS rectifier 41637
Samyn, D. *see* Muller, H. 46319
San Jan Mau *see* Li Wang 24677
San Lein Wu *see* Shui Jinn Wang 2569
San Martin, F.A.Hermida *see* Hermida San Martin, F.A.
San Yu *see* Yu San
San-Chiao Huang *see* Lin, Y.-D.J. 30507
San-Chiao Huang *see* Ying-Dar Jason Lin 30196
San-Hoon Lee *see* Eui-Young Chung 18563
San-Hwa Chee *see* Allstot, D.J. 18895
San-Kui Gou *see* Gou San-Kui
San-Qi Li, Chia-Lin Hwang Queue response to input correlation functions: discrete spectral analysis 29580
San-qi Li, Chia-Lin Hwang Queue response to input correlation functions: continuous spectral analysis 45310
San-Yi Lee, Chi-Jui Wu On-line reactive power compensation schemes for unbalanced three phase four wire distribution feeders 32403
San-Yi Lee *see* Chi-Jui Wu 7805
Sana, P., Rohatgi, A., Kalejs, J.P., Bell, R.O. Gettering and hydrogen passivation of edge-defined film-fed grown multicrystalline silicon solar cells by Al diffusion and forming gas anneal 25684
Sanada, H., Nagai, N., Ohtani, N., Miki, N. Circuit theoretical approach for the quantum wells and periodic potentials 42466
Sanada, H., Nagai, N., Ohtani, N., Miki, N., Ohkama, H. Complex-valued equivalent circuits which represent the connection of wave functions at the heterointerfaces 19728
Sanada, H. *see* Ohtani, N. 34875
Sanada, M., Ito, T., Numajiri, T., Suzuki, S., Sasaki, T., Omata, T., Koishi, K., Suzuki, K., Maehara, K., Taguchi, K., Saitou, S. Evaluation and detection of CMOS LSI with abnormal I_{DDQ} 43106
Sanada, M., Morimoto, S., Takeda, Y., Hirasa, T., Takechi, H. Direct force control with linear pulse motor 16897
Sanada, M., Takeda, Y., Hirasa, T. Performance improvement of micro-step drive on cylindrical linear pulse motor 8795
Sanada, M., Takeda, Y., Ishikawa, S., Hirasa, T. Use of compensating magnets to reduce thrust imbalance in cylindrical linear pulse motors 25478
Sanada, M. *see* Morimoto, S. 17451
Sanada, M. *see* Takeda, Y. 40257
Sanada, T., Unosawa, S., Aoyama, S., Funahashi, T., Utsumi, K., Tanabe, M., Ishino, M., Ikeda, H. Fiber-optic transmission system for radio base stations 6091
Sanada, Y., Kajiwara, A., Nakagawa, M. Adaptive RAKE receiver for mobile communications 5790
Sanamyan, T.V. *see* Arutyunyan, S.M. 28750
Sanche, L. Electronic aging and related electron interactions in thin-film dielectrics 20033
Sancheti, P.K. *see* Sandage, R.W. 22807
Sancheti, S., Fusco, V.F., Stewart, J.A.C. Self oscillating detection mechanism in FET active antennas 29311
Sanchez, A., Chen, D.-X., Hernando, A. Reversible and irreversible magnetization in long Josephson junctions 2917
Sanchez, A. *see* Wall, K.F. 12050
Sanchez, A.C. *see* Lafore, D. 32932
Sanchez, A.D. *see* Taylor, E.W. 11711
Sanchez, A.M. *see* Bernaldo de Quiros, J.G. 8543
Sanchez, C. *see* Ferrer, I.J. 26464
Sanchez, C. *see* Leon, G. 30578
Sanchez, C.W. An understanding and implementation of the SCMS serial copy management system for digital, audio transmission 46265
Sanchez, F., Le Boudec, P., Francois, P.-L., Stephan, G. Effects of ion pairs on the dynamics of erbium-doped fiber lasers 12052
Sanchez, F. *see* Le Boudec, P. 3576
Sanchez, F. *see* Le Boudec, P. 20677
Sanchez, F. *see* Roldan, C. 31727
Sanchez, H. *see* Gary, S. 41931
Sanchez, H.Navarro *see* Navarro Sanchez, H.
Sanchez, J., Glick, S., Sham, Q., Sara, L., Cuthbert, L., Venieris, I., Mourelatou, K. Management requirements of a passive access network 30806
Sanchez, J. *see* Alba, J.J. 32263
Sanchez, J. *see* Baro-Roma, J. 6467
Sanchez, J. *see* Gallardo, J.R. 45636
Sanchez, J. *see* Meinkohn, J. 37566
Sanchez, J. *see* Sara, L. 37295
Sanchez, J.-L., Berriane, R., Jalade, J., Laur, J.P. Functional integration of MOS and thyristor devices: a useful concept to create new light triggered integrated switches for power conversion 1036
Sanchez, J.A., Mourelatou, K., Georgatsos, P., Patel, P. Guidelines for the definition of TMN managed objects 37299
Sanchez, J.C. *see* Boveda, A. 27272
Sanchez, J.E., Jr., Randle, V., Kraft, O., Arzt, E. Morphology and crystallography of electromigration induced transgranular slit failures in aluminum alloy interconnects 2208
Sanchez, J.E., Jr. *see* Kraft, O. 34806
Sanchez, J.J. *see* Amuchastegui, C. 1677
Sanchez, J.J.D., Sebastia, R.N. Data transmission over a medium voltage network 45742
Sanchez, J.L. *see* Austin, P. 2483
Sanchez, J.L. *see* Moreno, L. 47097
Sanchez, J.M. *see* Moran-Lopez, J.L. *(editor)* 17739
Sanchez, M. *see* Ocana, J.L. 21138
Sanchez, M.C. *see* Moron, C. 43266
Sanchez, M.I. *see* McKean, D.R. 11009
Sanchez, P. *see* Moron, C. 43266
Sanchez, P.T.Sanz *see* Sanz Sanchez, P.T.
Sanchez, R. *see* Jensen, E.W. 39077
Sanchez, R.W. *see* Wiechmann, E.P. 16992
Sanchez Ll, J.L., Tellez B, J.C. The high pulsed field facility of the University of La Habana: application to the characterization of hard magnetic materials 11512
Sanchez Mondragon, J.J. *see* Marti-Panameno, E. 28747
Sanchez-Calle, V.E., Laflamme, C., Salami, R., Adoul, J.-P. Low-delay algebraic CELP coding of wideband speech 13149
Sanchez-Dehesa, J. *see* Porto, J.A. 27511
Sanchez-Gasca, J.J., D'Aquila, R., Paserba, J.J., Price, W.W., Klapper, D.B., Hu, I.-P. Extended-term dynamic simulation using variable time step integration 7721
Sanchez-Gil, J.A., Nieto-Vesperinas, M., Moreno, F., Gonzalez, F. Speckle statistics of electromagnetic waves scattered from perfectly conducting random rough surfaces 29143
Sanchez-Hernandez, D., Robertson, I. Triple band microstrip patch antenna using a spur-line filter and a perturbation segment technique 4270
Sanchez-Hernandez, D., Robertson, I. Dual-band microstrip rectangular patch antenna using a spur-line filter technique 29310
Sanchez-Perez, A.M. *see* de Vicente, J. 43724
Sanchez-Quesada, F. *see* Hernandez-Rojas, J.L. 33723
Sanchez-Rojas, J.L. *see* Calle, F. 27251
Sanchez-Rojas, J.L. *see* Fernandez de Avila, S. 34668
Sanchez-Sinencio, E. *see* Ali, M.I. 10283
Sanchez-Sinencio, E. *see* Varrientos, J.E. 18922
Sanchez-Sinencio, F. *see* Ramirez-Bon, R. 3309
Sanchis, L.A. Multiple-way network partitioning with different cost functions 26557
Sancho, J.M.Lopez *see* Lopez Sancho, J.M.
Sancho, M.P.Lopez *see* Lopez Sancho, M.P.
Sanchou, S. *see* Devoulon, P. 1110
Sanchugova, N.S., Strezhnev, S.A., Davletshina, Z.Yu., Kamardin, Yu.B. Photopolymerized material for fabricating of diffraction-grating replicas 12451
Sanctis, E.De *see* De Sanctis, E.
Sand, R. 3D television—development progress and perspective 23289
Sand, R. *see* Kopernik, A. 30967
Sanda, P. *see* Brunner, T. 2276

Sandage, R.W., Burns, S.G. Noise performance optimization design for high-speed analog-to-digital converters 10241
Sandage, R.W., Sancheti, P.K., Hassoun, M.M., Weber, R.J., Stephenson, D.T. A 2 μ CMOS aircraft communication monitor 22807
Sandakly, F. *see* Clement, V. 24456
Sandalov, A.V. *see* Demidenko, B.Ya. 18342
Sandberg, C. Economic comparison of steam and electrical heat tracing systems for use in pulp and paper mills 9054
Sandberg, E.A. *see* Mullin, L.M.R. 13900
Sandberg, I.W. The reconstruction of band-limited signals from nonuniformly spaced samples 36777
Sandberg, V. *see* Anderson, G. 38901
Sandborg, M., Alm Carlsson, G., Persliden, J., Dance, D.R. Comparison of different materials for test phantoms in diagnostic radiology 24191
Sandborg, M., Dance, D.R., Alm Carlsson, G., Persliden, J. Selection of anti-scatter grids for different imaging tasks: the advantage of low atomic number cover and interspace materials 24222
Sandborg, M., Dance, D.R., Alm Carlsson, G., Persliden, J. Monte Carlo study of grid performance in diagnostic radiology: factors which affect the selection of tube potential and grid ratio 24223
Sandborg, M. *see* Helmrot, E. 15783
Sandborn, P. *see* Abadir, M. 9288
Sande, J.B.Vander *see* Vander Sande, J.B.
Sandell, M. *see* Grennberg, A. 16056
Sanden, M.C.M.van de *see* van de Sanden, M.C.M.
Sander, A.F.M. *see* de Ridder, R.M. 45941
Sander, C. *see* Rakkhit, R. 42946
Sander, J., Zuther, F., Cammann, K. Ground water control system based on chemical sensors 7645
Sander, M.T. *see* Barot, D.T. 8257
Sander, O.R. *see* Johnson, K.F. 23986
Sanders, A. *see* Swiatkowski, C. 34714
Sanders, B. *see* Hines, K. 45901
Sanders, G.A., III *see* Thompson, J.E. 24402
Sanders, H.-H. *see* Handke, J. 47619
Sanders, J.A. *see* Diegert, C. 31848
Sanders, J.E., Daly, C.H. Measurement of stresses in three orthogonal directions at the residual limb-prosthetic socket interface 24151
Sanders, J.L. *see* Hahn, H.S. 25468
Sanders, J.W., Pan, J., Xie, M., Sheppard, S.T., Mathur, M., Cooper, J.A., Jr., Melloch, M.R. MOS characterization of thermally oxided 6H silicon carbide 19474
Sanders, M. *see* Chang, F.L. 30418
Sanders, P.D. Back to basics [power engineering education] 26113
Sanders, R. *see* Clark, E. 24010
Sanders, R.L., Jr., Jay, T. Client/server computing vision 14162
Sanders, S., Waarts, R., Nam, D., Welch, D., Scifres, D., Ehlert, J.C., Cassarly, W.J., Finlan, J.M., Flood, K.M. High power coherent two-dimensional semiconductor laser array 43835
Sanders, S. *see* Waarts, R. 29019
Sanders, S.R. On limit cycles and the describing function method in periodically switched circuits 18473
Sanders, S.R. *see* Kamas, L.A. 33887
Sanders, S.R. *see* Sullivan, C.R. 8377
Sanders, S.R. *see* Wang, A.C. 40324
Sanders, T.J., Thursby, M.H., Caraway, E.L., Miller, C.R., Hess, G.T., Gsteiger, K.E. Microwave frequency characterization and modeling of plastic integrated circuit packages 375
Sanders, W.H. *see* Shen, B. 32556
Sanderson, A.C. *see* Ravichandran, B. 5056
Sanderson, D. From electronic networks to mediated collaborative research: the optimism and obstacles 30464
Sanderson, J.V.H., Kyriakides, N.K., Wen An, Mackrell, A.J., Postlethwaite, H.R., Rogers, W.J.S., Swinnerton, B.W. A new relay for interconnected distribution in the UK—design and field experience 47584
Sanderson, M.L. Domestic water metering technology 46687
Sanderson, M.L., Guilbert, A.R. Mass flow measurements using ultrasound 46677
Sanderson, M.L. *see* Yeung, H.C. 46690
Sandfort, J. *see* Curio, G. 31884
Sandham, W., Vance, R., Yuan, Y., Dechan, C., Mills, J. Transputer implementation of a 3-D radiotherapy treatment planning algorithm 47122
Sandhu, A. *see* Fujii, T. 692
Sandhu, A. *see* Fujii, T. 2475
Sandhu, G., Meikle, S., Kim, S., Doan, T. Barrier layer metallization schemes for ULSI technologies 19658
Sandhu, G.S., Doan, T.T. Pulsed-plasma enhanced chemical vapor deposition for low temperature deposition of titanium silicide 2221
Sandler, M. *see* Paul, A. 42009
Sandler, M.B. Digital-to-analogue conversion using pulse width modulation 18826
Sandler, M.B. *see* Goldberg, J.M. 23364
Sandler, M.B. *see* Hanif, T. 29978
Sandler, M.B. *see* Kershaw, S.M. 23356
Sandler, M.B. *see* Kershaw, S.M. 42006
Sandler, M.B. *see* Kudumakis, P.E. 23368
Sandler, M.B. *see* Price, M. 42054
Sandler, M.B. *see* Waters, M. 42052
Sandler, N. *see* Kwo, K.-W. 9796
Sandler, N.G. *see* Gerasimov, V.I. 8068
Sandler, P.H. *see* Bernstein, A. 31661
Sandler, P.H. *see* Kinnel, T.S. 38880
Sandler, P.H. *see* Wang, M.-Z. 31689
Sandler, S.S. *see* King, R.W.P. 44543
Sandlin, G.D. *see* Alliss, R.J. 24499
Sandmaier, H., Kuhl, K. A square-diaphragm piezoresistive pressure sensor with a rectangular central boss for low-pressure ranges 14961
Sandmaier, H. *see* Lang, W. 35591
Sandmaier, H. *see* Richter, A. 28662
Sandmaier, H. *see* Steiner, P. 11877
Sandmaier, H. *see* Steiner, P. 20560
Sandner, H. Macro model parameterization for op-amps in SPICE 41693
Sandner, H. *see* Kaiser, U. 10213
Sandoe, J.N. *see* Shannon, J.M. 28081
Sandoh, H., Nakagawa, T., Koike, S. A Bayesian approach to an optimal ARQ number in data transmission 22295
Sandoh, H. *see* Nakagawa, T. 13906
Sandoh, Y., Kimura, K. Analysis of the discharge efficiency of a battery using the Federal Urban Driving Schedule 48306
Sandoli, M. *see* Campajola, L. 46877
Sandon, P.A. *see* Yanikoglu, B.A. 29931
Sandor, B.I. *see* Zafran, J.B. 299
Sandoval, A. *see* Bachler, J. 46915
Sandoval, A. *see* Bachler, J. 46934
Sandoval, A. *see* Baechler, J. 46909
Sandoval, C. *see* Sandoval, J.D. 5454
Sandoval, C.E. *see* Dreike, P.L. 42224
Sandoval, D. *see* Johnson, K.F. 23986
Sandoval, J.D., Herrera, F.A., Suarez, A., Sandoval, C. Concurrent ring: design and evaluation of a new token ring LAN 5454
Sandoval, J.D., Nieto-Taladriz, O., Quinterio, J.M. Utilization factor of a distributed system based on an Ethernet network 45537
Sandoval, J.D. *see* Quinteiro, J.M. 45329
Sandovskii, V.A. Hardness gages with a an eddy-current transducer 41540
Sandow, P.M., Allen, L., Cordts, B., Anc, M., Dolan, R., Hahn, S.K. Characterization of low defect density SIMOX material 1969
Sandoz, A. *see* Schiper, A. 45356
Sandri, G.V.H. *see* Tuncer, T.E. 13374
Sandri, G.V.H. *see* Tuncer, T.E. 36666
Sandri, P. *see* Borghi, M.R. 41665
Sandrock, T., Danger, T., Heumann, E., Huber, G., Chai, B.H.T. Efficient continuous wave-laser emission of Pr^{3+}-doped fluorides at room temperature 35713
Sandrock, T. *see* Danger, T. 3539
Sandroff, C. *see* Ovadia, S. 28881
Sandrolini, F. *see* Motori, A. 48096
Sands, D., Brunson, K.M. Rapid analysis of conductance data in metal-oxide-semiconductor measurements using an approximate method 27592
Sands, D. *see* Nguyen, H.T. 16885
Sands, T. *see* Ramesh, R. 11372
Sands, T. *see* Ramesh, R. 28307
Sands, T. *see* Ramesh, R. 28337
Sands, T. *see* Ramesh, R. 33693
Sands, T. *see* Ramesh, R. 35136
Sands, T. *see* Ramesh, R. 43226
Sands, T. *see* Tanaka, M. 11449
Sandstrom, D. *see* Mil'shtein, S. 17400
Sandstrom, R., Osterberg, J.-O., Nylen, M. Deformation behaviour during low cycle fatigue testing of 60Sn-40Pb solder 18366
Sandstrom, R. *see* Sengupta, U. 3415
Sandstrom, R.L. *see* Fomenkov, I.V. 2363
Sandtner, W. The Federal States 1000 roofs photovoltaic programme 33022
Sandulenko, V.A. *see* Mikhailov, V.P. 21043
Sandusky, H.W. *see* Glancy, B.C. 23859
Sandusky, H.W. *see* Krall, A.D. 23858
Sandweiss, J. *see* Bellwied, R. 31684
Sandwick, T. *see* Blumenstock, K. 42666
Sanelli, C., Cattoni, A., Barbagelata, L., Crenna, F., Grattarola, M., Gualco, G.C., Rosatelli, F. A new hybrid tunable quadrupole proposal for the DAΦNE main ring-low beta insertions 15539
Sanelli, C., Hsieh, H. Splitter magnets for DAΦNE project 15534
Sanelli, C., Hsieh, H. Design of the 1.8 Tesla wiggler for the DAΦNE Main Rings 15540
Sanelli, C. *see* Hsieh, H. 15538
Sanelli, C. *see* Modena, M. 15565
Saner, M., Tanner, W. Cables make themselves autonomous. The new handbook of communication cabling 45735
Sanfacon, M.M. *see* Vernon, S.M. 41294
Sanford, R. *see* Ji, Q. 36954
Sanford, T.W.L., Welch, D.R., Mock, R.C. Very high-current propagation in the ion-focused to collision-dominated regime 38800
Sang, J. *see* Chung, K. 5234
Sang Bock Cho *see* Jeong Mo Yeo 1220
Sang Bock Cho *see* Joong Ho Lee 1221
Sang Gil Lee, Kyeong Ho Yang, Choong Woong Lee Entropy reduction by interleaving DCT coefficients of MCP error images 36532
Sang Gil Lee, Kyeong Ho Yang, Choong Woong Lee Variable length coding of interleaved DCT coefficients for digital HDTV 45076
Sang Ho Lee *see* Seung Jo Han 29427
Sang Hoon Lee, Jong Sung Youn, Seong Hwan Jang, Soon Hwa Jang Transmission error detection, resynchronization, and error concealment for MPEG video decoder 31049
Sang Jik Kwon, Yeo Hwan Kim, Kuk Jin Chun, Jong Duk Lee As preamorphization of the predeposited amorphous Si layer for the formation of the silicided ultra shallow p^+-n junction 42653
Sang June Hahn, Jae Koo Lee Nonlinear short-pulse propagation in a free-electron laser 3693
Sang Keun Gil *see* Keun Wook Jung 46608
Sang Kim Cheol *see* Cheol Sang Kim
Sang Ok Yoon *see* Kyung Yong Kim 28293
Sang Seol Lee, Kyu Ho Park An efficient fault simulation method for reconvergent fan-out stem 10111
Sang Seol Lee *see* Seungwon Choi 29593
Sang Soo Choi *see* Hyung Joun Yoo 27853
Sang Soo Lee *see* Hyeon Soo Kim 20137
Sang Uk Lee *see* Chang Woo Lee 30101
Sang Uk Lee *see* Jong Won Kim 29953
Sang Won Kang *see* Seonghearn Lee 42873
Sang Wong Kang *see* Seonghearn Lee 34932
Sang Woo Lee *see* Byoung Goo Min 31981
Sang-Bae Kim *see* Kim Sang-Bae
Sang-Gi Kim *see* Byueng-Su Yoo 19339
Sang-Joon Kim *see* Yun-Ok Cho 7961
Sang-Joon Yoon *see* Dong-Hoon Choi 35235
Sang-June Park *see* Heung-Sik Tae 33622
Sang-Koo Chung *see* Seong-Kyu Hwang 34948
Sang-Koo Chung *see* Tae-Hun Moon 19396
Sang-Kook Han, Subramanian, M., Sinha, S., Ramaswamy, R.V. Fluorine implantation induced tapered waveguide interconnect 3107
Sang-Lak Lee *see* Gwi-Tae Park 8435
Sang-Sam Choi *see* Jung-Young Son 21053
Sang-Shin Lee, Min-Cheol Oh, Sang-Yung Shin, Kwang-Hee Keh Integrated optical high-voltage sensor using a Z-cut $LiNbO_3$ cutoff modulator 20390
Sang-Soo Lee, Allstot, D.J. Electrothermal simulation of integrated circuits 43065
Sang-Won Kang *see* Sung-Jhl Kim 28108
Sang-Won Kang *see* Yoon-Ho Song 9742
Sang-Yeon Kim, Jung-Hee Lee, Seong-Dae Kim VLSI realization of symmetric block matching algorithm 36885
Sang-Yong Lee, Ki-Tae Kim A model for supporting knowledge acquisition using analogical reasoning 26774
Sang-Young Cho *see* Cheol-Hoon Lee 41572
Sang-Yu Lee, Deuk-Hwa Woo, Jong-Chun Woo, Byung-Doo Choe, Won-Chul Kim, Sung-Ho Park, Jae-Eung Oh Tunneling properties of $Al_xGa_{1-x}As/AlAs$ two-step barrier diodes: Al composition and temperature dependence 19748
Sang-Yung Shin *see* Hyuek-Jae Lee 11791
Sang-Yung Shin *see* Sang-Shin Lee 20390
Sang-Yung Shin *see* Seong-Won Yuk 11770
Sangali, W., Sharrock, P. Aliasing of A/D systems 18860
Sanganeria, M. *see* Grider, D.T. 9776
Sanganeria, M. *see* Ren, X. 2530
Sanganeria, M.K., Ozturk, M.C. Application of constant absorptivity ring (CAR) to improve polysilicon thickness uniformity in a rapid thermal chemical vapor deposition reactor 833
Sanganeria, M.K., Violette, K.E., Ozturk, C. Low temperature silicon epitaxy in an ultrahigh vacuum rapid thermal chemical vapor deposition reactor using disilane 670
Sanganeria, M.K., Violette, K.E., Ozturk, M.C. High quality silicon epitaxy in an ultra high vacuum rapid thermal CVD reactor: an application to single wafer processing 712
Sangani, H. *see* Tsang, L. 44296
Sangare, Y. *see* Leveque, G. 46454
Sangare, Y. *see* Peisner, J. 10779
SangBae Lee *see* Cheul Shim 45639
Sangfelt, E., Persson, L. Experimental performance of some higher-order cumulant detectors for hydroacoustic transients 4719
Sangfelt, E. *see* Persson, L. 23232
Sanggi Yu *see* Youngjoo Yee 41884
Sanghavi, J.V. *see* McGeer, P.C. 33979
Sanghera, B., Ott, R.J. Preliminary studies using silicon strip detectors in digital autoradiography 15725
Sanghera, P.S. *see* Aggarwal, N. 38720
Sanghi, D., Gudmundsson, O., Agrawala, A.K. Study of network dynamics 14145
Sangiorgi, E. *see* Abramo, A. 19327
Sangiorgi, E. *see* Fiegna, C. 19473
Sangiorgi, E. *see* Fiegna, C. 34962
Sangiovanni-Vicentelli, A.L. *see* McGeer, P.C. 33979
Sangiovanni-Vincentelli, A. *see* Beardslee, M. 18407
Sangiovanni-Vincentelli, A. *see* Casotto, A. 9895
Sangiovanni-Vincentelli, A. *see* Lavagno, L. 41604
Sangiovanni-Vincentelli, A. *see* Malavasi, E. 9902

Sangiovanni-Vincentelli, A. *see* Yakovlev, A. 26860
Sangiovanni-Vincentelli, A.L. *see* Liu, E.W.Y. 27011
Sangiovanni-Vincentelli, A.L. *see* Shenoy, N. 27031
Sangregorio, A. *see* Del Carlo, C. 32978
Sangsiri, T. *see* Zhang, X.-C. 44182
Sangster, A.J., Hanyang Wang Hybrid analytical technique for waveguide coupling by means of apertures or slots 12689
Sangster, A.J., Hanyang Wang Moment method model of a slot immersed in a planar array of waveguide slot radiators 21431
Sangster, A.J. *see* Milne, N.G. 8470
Sangster, A.J. *see* Wang, H. 10402
Sangster, C. *see* O'Brien, E. 31743
Sangston, K.J., Gerlach, K.R. Coherent detection of radar targets in a non-gaussian background 46037
Sanguinetti, S. *see* Giuliani, A. 15625
Sangwongwanich, S. Generalized controllers for induction motor drive systems 17454
Sangwongwanich, S. *see* Doki, S. 16764
Sangworasil, M. *see* Airphaiboon, S. 13749
Sangyoub Kim *see* Jae Cheol Son 13242
Sangyoub Kim *see* Jinho Choi 29586
Sangyoub Kim *see* Jinho Choi 45012
Sanhet, J.-L. Do we need EMC product standards? 36277
Sani, G. *see* Campestrini, L. 25939
Sani, R.L. *see* Mannheim, E. 2169
Sani, R.L. *see* Mannheim, E. 34767
Saniie, J., Mohamed, M.A. Ultrasonic flaw detection based on mathematical morphology 33794
Saniie, J., Unluturk, M., Chu, T. Frequency discrimination using neural networks with applications in ultrasonics microstructure characterization 9820
Saniie, J. *see* Algrain, M.C. 36646
Sanin, A.L. *see* Privalov, V.E. 20597
Saniter, J. *see* Hermes, T. 14632
Saniter, J. *see* Hermes, T. 38106
Sanjeeviraja, C., Mahalingam, T., Srikumar, S.R. Studies on electrodeposited CdSe thin films 26473
Sanjines, R. *see* Rosenfeld, D. 6645
Sanjuan, T., Hernandez, L., Paez, J.M. Source & channel coding for speech in macrocell/microcell/picocell third generation systems 45804
Sankar, A. *see* Gorin, A.L. 36627
Sankar, C.S., Hingorani, K. Technical personnel to managers, transition issues: comparison between telecommunications and unregulated companies 26123
Sankar, P.V., Silbermann, M.J., Ferrari, L.A. Curve and surface generation and refinement based on a high speed derivative algorithm 26349
Sankar, P.V. *see* Ferrari, L.A. 26350
Sankar, P.V. *see* Pang, D. 29572
Sankar, R. *see* Yang, Y.Y. 5444
Sankar, S. *see* Dewe, M.B. 25060
Sankar, T.S. *see* Debebe, K. 112
Sankara Narayanan, E.M., Amaratunga, G.A.J., Milne, W.I. CMOS compatible shorted anode auxiliary cathode lateral insulated gate bipolar transistors 11204
Sankara Sai, S.Siva *see* Siva Sankara Sai, S.
Sankaran, P. *see* Kaliyugavaradan, S. 23512
Sankaran, V.A., Hudgins, J.L., Portnoy, W.M. High-energy pulse-switching characteristics of thyristors 40310
Sankaranarayanan, K. *see* Santhanaraghavan, P. 33587
Sankaranarayanan, V.K., Pankhurst, Q.A., Dickson, D.P.E., Johnson, C.E. Synthesis and characterization of ultrafine lithium ferrite from a citrate precursor 35227
Sankaranarayanasamy, K. *see* Shunmugam, M.S. 31447
Sankarappan, S. *see* Medhi, D. 13923
Sankarshanan, P.N., Kobayashi, H., Kukkal, P., Kanbara, H. VHDL, verilog-HDL, and UDL/I—feature description and analysis 18777
Sankawa, I., Koyamada, Y., Furukawa, S., Horiguchi, T. Optical fiber line surveillance system for preventive maintenance based on fiber strain and loss monitoring 6003
Sankawa, I., Koyamada, Y., Wakui, Y. In-service optical fiber line monitoring by wavelength division multiplexing technique 11622
Sankey, J.D. *see* Siemsen, K.J. 23384
Sankur, B., Kahya, Y.P., Cagatay Guler, E., Engin, T. Comparison of AR-based algorithms for respiratory sounds classification 47033
Sankur, B., Van Schijndel, R.A., Van Der Lubbe, J.C.A. Two-layer coding for videotelephone 5396
Sankur, B. *see* Engin, T. 24159
Sanladerer, S. *see* Mayer, A.P. 11437
Sanmartin, J.L.Besada *see* Besada Sanmartin, J.L.
Sanneck, E., Ruhrig, M., Hubert, A. A theoretical and experimental study of 360°-walls in magnetically coupled bilayers 43272
Sannino, M. *see* Adam, W. 7259
Sannino, M. *see* Adam, W. 31715
Sannino, M. *see* Adam, W. 46929
Sannino, M. *see* Caddemi, A. 10445
Sannino, M. *see* Caddemi, A. 19057
Sannino, M. *see* Caddemi, A. 34241
Sanniti Di Baja, G. Well-shaped, stable, and reversible skeletons from the (3,4)-distance transform 45218
Sanniti di Baja, G. *see* Arcelli, C. 29903
Sanniti Di Baja, G. *see* Arcelli, C. 45197
Sanniti di Baja, G. *see* Borgefors, G. 29904
Sannomiya, T., Kushibiki, J., Chubachi, N., Matsuno, K., Suganuma, R., Shinozaki, Y. Directional point-focus-beam acoustic microscope system [for materials characterization] 16030
Sano, A. *see* Tsuji, H. 13260
Sano, A. *see* Xin, J. 4603
Sano, E. *see* Imai, Y. 6086
Sano, E. *see* Matsuoka, Y. 19770
Sano, H., Hagiwara, M., Nakagawa, M. A detector diversity system for land mobile communications 5755
Sano, H. *see* Aoki, M. 11885
Sano, H. *see* Aoki, M. 28495
Sano, H. *see* Moss, D.J. 3198
Sano, H. *see* Moss, D.J. 43513
Sano, K. 3-dimensional image processing in medicine and its application 31888
Sano, K., Mori, Y., Todori, K., Pellet, C., Touri-Iwa, N., Kobayashi, K. Second harmonic generation of 2-cyano-2-propenoic acid derivatives 12389
Sano, K. *see* Fujita, H. 8633
Sano, K. *see* Kawakubo, T. 9617
Sano, K. *see* Yasui, J. 8236
Sano, K.-i. *see* Inoue, Y. 30445
Sano, M., Ohya, K., Hamada, K., Inoue, Y., Kajino, Y. Multilayer piezoelectric actuator with strain gage 20106
Sano, M., Yamashita, Y., Okuno, Y. Growth and characterization of ZnSe epitaxial layers grown by the solution growth method 18177
Sano, M. *see* Adachi, N. 1837
Sano, M. *see* Araki, H. 26396
Sano, M. *see* Saito, K. 33066
Sano, N., Kawai, J., Kurosawa, A., Takahashi, R. A method for evaluating human tasks in nuclear power plant with fuzzy measures and cluster analysis 25126
Sano, N. *see* Liu, Y. 19372
Sano, N. *see* Sameshima, T. 34950
Sano, N. *see* Sekiya, M. 42975
Sano, N. *see* Shimomura, S. 9619
Sano, N. *see* Shimomura, S. 41347
Sano, S., Murata, H., Hattori, K. Development of flat panel LED module with heat sink 23833
Sano, S. *see* Genno, S. 23042
Sano, S. *see* Makino, M. 48287
Sano, S. *see* Miyasita, A. 47075
Sano, S. *see* Oosawa, H. 17019
Sano, S. *see* Tamura, A. 45651
Sano, T. Antimode dynamics and chaotic itinerancy in the coherence collapse of semiconductor lasers with optical feedback 43947
Sano, T. *see* Komiya, T. 5877
Sano, Y. *see* Hirai, M. 36125
Sano, Y. *see* Nozaki, C. 15123
Sano, Y. *see* Onozawa, S. 18677
Sano, Y. *see* Suga, Y. 9031
Sano, Y. *see* Tanaka, H. 3035
Sanokawa, K. Highly efficient power generation by HTGRs 39841
Sanpei, Y. *see* Sato, M. 40151
Sanquer, M. *see* Ladieu, F. 1901
Sansen, W. *see* Mangelsdorf, C. 26155
Sansen, W. *see* van Petegem, W. 41669
Sansen, W.M. *see* Gielen, G. 33835
Sanseverino, A., Spirito, P. The effect of recombination centers on the lifetime dependence upon temperature and injection level 1832
Sanseverino, A. *see* Spirito, P. 42405
Sanshige, Y. *see* Sugiyama, Y. 11593
Sanso, B., Soumis, F. The dynamic predicate stashing copy problem 14154
Sanso, F. *see* Betti, B. 39342
Sansogne, R.A. *see* Olivera, G.H. 24379
Sanson, L.D. *(editor)* Proceedings. The Institute of Electrical and Electronics Engineers 1992 International Carnahan Conference on Security Technology: Crime Countermeasures (Cat. No.CH3119-5/92) 38
Sansone, M.J., Teng, C.C., East, A.J., Kwiatek, M.S. The photorefractive effect in an aminonitrostilbene side-chain copolymer 44153
Sansonetti, P. *see* Riant, I. 35717
Sansong Cao *see* Cao Sansong
Sansoni, G., Docchio, F., Minoni, U., Viviani, N. Characterization of commercial liquid crystal displays for adaptive pattern projection in industrial profilometry. Temporal, spatial, and temperature-dependent properties 35506
Sa'nta, I. *see* Banfi, G.P. 3775
Santa Cruz, C. *see* Trutt, F.C. 47868
Santacesaria, R. *see* Buontempo, S. 31696
Santagiustina, M. *see* De Angelis, C. 36033
Santamaria, A., Polo, A., Gabiola, F.J., Betancor, M.J., Lopez-Hernandez, F.J. Optical power budget on quasi-diffuse IR WLANs 37432
Santamaria, A., Lopez-Hernandez, F.J. *(editors)* Wireless LAN systems 26043
Santamaria, J. *see* Domingo, A. 29895
Santamaria, J. *see* Gomez, M.T. 29894
Santamaria, J. *see* Hernandez-Rojas, J.L. 33723
Santambrogio, R. *see* Quadrini, E.F. 14097
Santamouris, M., Argiriou, A., Dascalaki, E., Balaras, C., Gaglia, A. Energy characteristics and savings potential in office buildings 25942
Santamouris, M., Dascalaki, E., Balaras, C., Argiriou, A., Gaglia, A. Energy performance and energy conservation in health care buildings in Hellas 48478
Santana, G. *see* Aguilera, S. 11850
Santana, G.Jimenez *see* Jimenez Santana, G.
Santana, J., Margato, E. Stability of the induction generator with a current source inverter exciter 16841
Santana, J. *see* Beaumont, S.P. 15637
Santana, M.R. *see* Kathiresan, K. 14589
Santangelo, S. *see* Messina, G. 11100
Santangelo, S. *see* Messina, G. 27807
Santangelo, S. *see* Messina, G. 28052
Santarcangelo, E. *see* Balocchi, R. 39046
Santarelli, F. *see* Zanotti, L. 9761
Santarelli, G., Clairon, A., Lea, S.N., Tino, G.M. Heterodyne optical phase-locking of extended-cavity semiconductor lasers at 9 GHz 20909
Santarelli, G. *see* Clairon, A. 6300
Santarossa, G. *see* Tavoni, R. 39894
Santarsiero, M. *see* Schirripa Spagnolo, G. 12491
Santella, G. *see* Candeo, S. 45778
Santerre, R., Beutler, G. A proposed GPS method with multi-antennae and single receiver 24474
Santha, A.K.S. *see* Abe, K. 7260
Santha, A.K.S. *see* Abe, K. 15619
Santha, A.K.S. *see* Abe, K. 46930
Santhana Raghavan, P., Dhanasekeran, R., Ramasamy, P. Numerical simulation studies of concentration profile and growth rate of InP LPE 26435
Santhanakrishnan, T., Ramalinsam, A. Study of lateral-effect position sensitive photodetectors 23590
Santhanam, K.S.V. *see* Haram, S.K. 18240
Santhanam, S. *see* Ross, W.E. 28533
Santhanaraghavan, P., Sankaranarayanan, K., Arokiaraj, J., Anbukumar, S., Kumar, J., Ramasamy, P. Thermal cycling, DLTS, and PEC studies on LEC gallium arsenide 33587
Santi, G.De *see* De Santi, G.
Santi, L. *see* Antonelli, A. 24054
Santiago, D.G., Dick, G.J. Microwave frequency discriminator with a cooled sapphire resonator for ultra-low phase noise 19050
Santiago, D.G., Dick, G.J., Prata, A., Jr Mode control of cryogenic whispering-gallery mode sapphire dielectric-ring resonators 34224
Santiago, G.D. *see* Fochesatto, G.J. 28923
Santiago, G.D. *see* Peuriot, A.L. 28779
Santiago-Aviles, J.J. *see* Bariatto, M. 2247
Santiard, J.-C. *see* Charpak, G. 31772
Santiard, J.C. *see* Anghinolfi, F. 1079
Santiard, J.C. *see* Bates, S. 24057
Santilli, R. *see* Rogers, T. 27708
Santini, E. *see* Caricchi, F. 16743
Santini, P.J. *see* Pickrell, D.J. 19241
Santini, S. *see* Colombo, C. 45183
Santis, A.De *see* De Santis, A.
Santiso, E. *see* Mazo, M. 40507
Santisteban, J.A., Stephan, R.M. Comparative study of vector control methods for induction machines 16858
Santo, H. *see* Szepesi, T. 26711
Santo, L., Spinello, G., Strano, F. Centralized management of configuration and monitor & control of a large SCPC DAMA network 22971
Santo, L. *see* Caruso, M.G. 14543
Santo, P.P.Del *see* Del Santo, P.P.
Santo-Zarnik, M. *see* Novak, E. 10276
Santo-Zarnik, M. *see* Novak, F. 10278
Santoboni, S. *see* Cannelli, G.B. 31530
Santocchia, A. *see* DiBitonto, D. 31722
Santoh, N. *see* Oikawa, A. 11053
Santoni, A. *see* Shuh, D.K. 34697
Santonico, R. *see* Abbrescia, M. 7270
Santonico, R. *see* Antonelli, A. 24054
Santonico, R. *see* Bencze, G.L. 38858
Santonico, R. *see* Ferrer, M.L. 46984
Santonico, R. *see* Mirabelli, G. 14578
Santoro, A.M. *see* Jacquemin, B. 25616
Santoro, M.A., Eng, K.Y., Koch, T.L., Stone, J. Photonic WDM switch using fixed transmitters and tunable receivers 5684
Santoro, M.A., Eng, K.Y., Koch, T.L., Tzeng, L.D. A multigigabit/second wavelength-division-multiplexing byte-by-byte switch using fast tunable heterodyne receivers 22712
Santoro, M.A. *see* Haas, Z. 11582
Santoro, N. *see* Nayak, A. 1269
Santos, A.De Los *see* De Los Santos, A.
Santos, D.J. *see* Fraile-Pelaez, F.J. 3022
Santos, E.J.P., MacDonald, N.C. Integration of microstructures onto negative electron affinity cathodes: fabrication and operation of an addressable negative electron affinity cathode 27405
Santos, J.M.F.Dos *see* Dos Santos, J.M.F.
Santos, J.S. The automatic testing of noninterruptible power supplies 25548
Santos, M. *see* Saraiva, M. 1189
Santos, M.B. *see* Froberg, N.M. 43519
Santos, M.B. *see* Goossen, K.W. 11681
Santos, M.B. *see* Goossen, K.W. 43530

Santos, M.B. *see* Kurdak, C. 28198
Santos, M.T. *see* Muller, R. 28585
Santos, O.Dos *see* Dos Santos, O.
Santos, P.A.M.dos *see* dos Santos, P.A.M.
Santos, P.V. Hydrogen dynamics in a-Si:H 27515
Santos, P.V., Johnson, N.M., Street, R.A. Hydrogen migration in a pulsed electric field in a-Si:H 34897
Santos, P.V. *see* Heintze, M. 27763
Santos, R.G. *see* Huang, S.L. 5378
Santos, T. *see* Pereira, J.S. 43631
Santos Blanco, J. *see* Barbi, G.B. 6639
Santos Damy de S. *see* Damy de S. Santos
Santos-Nieto, M. *see* Cassell, J. 24687
Santosa, F. *see* Dobson, D.C. 47105
Santosa, F. *see* Liepa, V. 18362
Santoso, F. *see* Jenie, I.Y.S. 9440
Santoyo, F.M. *see* Moore, A.J. 31524
Santucci, F. *see* Corazza, G.E. 37912
Santucci, J.D. Isolated instrumentation using fiber optics [electricity supply industry] 7867
Santucci, J.F., Courbis, A.L., Giambiasi, N. Behavioral testing of digital circuits 18605
Sanyal, A., Sommer, T.M., Folsom, B.A., Angello, L., Payne, R., Ritz, H. Cost effective technologies for SO_2 and NO_x control 8125
Sanyal, A., Sommer, T.M., Hong, C.C., Folsom, B.A., Payne, R., Seeker, W.R. Advanced NO_x control technologies 39934
Sanyal, A. *see* Haumesser, F.P. 47720
Sanyal, S.K. *see* Pal, D. 34190
Sanyo, Y., Ohsawa, M. Integrated wideband amplifier for 3-channel video signals 41702
Sanz, J. *see* Afshari, A. 17619
Sanz, R., Nores, A.R. A PC-based CAD/CAM system for automatic laser processing of materials 36085
Sanz Sanchez, P.T. *see* Lazaro Obensa, J.C. 43227
Sanz-Bobi, M.A., Garcia-Cerrada, A., Palacios, R., Villar, J., Rolan, J., Cruz, V., Alonso, A.M., Burgos, J.C., Fernandez, Fco. TRAFES: expert system for diagnosis of power transformers 32897
Sanz-Gonzalez, J.L., Lopez-Ferreras, F., Andina, D. Floating-point realizations for minimum roundoff noise digital filters 13414
Sanz-Gonzalez, J.L., Rodrigo-Aparicio, E., Lema, F. Sensitivity and roundoff noise in wave digital filters versus optimal state-space realizations 10336
Sanz-Serna, J.M. *see* Calvo, M.P. 607
Sanz-Serna, J.M. *see* Calvo, M.P. 41171
Sanzgiri, A. *see* David, A. 31691
Sanzheng Qiao *see* Luk, F.T. 21821
Sanzheng Qiao *see* Luk, F.T. 29651
Sanzo, J. *see* Taylor, S.M. 39090
Sao, Q. *see* Liu, X. 3294
Sao-Jie Chen *see* Chieh Changfan 18435
Saotome, H., Kitsuta, K., Hayano, S., Saito, Y. An estimation method of current distribution in biological systems by the sampled pattern matching method 15872
Saoudy, S.A. *see* Khan, R.H. 23181
Saparamadu, V., Seneviratne, A., Fry, M. A novel synchronization scheme for multimedia communication 37237
Saparin, G.V. *see* Mokhov, E.N. 26413
Sapashe, D. *see* Stefanakos, E. 48289
Sapatnekar, S.S., Rao, V.B., Vaidya, P.M., Sung-Mo Kang An exact solution to the transistor sizing problem for CMOS circuits using convex optimization 26776
Sapia, A. *see* Balle, S. 3629
Sapia, A. *see* Mecozzi, A. 35804
Sapin, A., Simond, J.-J. Simsen—a numerical, modular simulator for energy systems. New software enables electrical systems to be simulated on the personal computer 24637
Sapiro, G., Kimmel, R., Shaked, D., Kimia, B.B., Bruckstein, A.M. Implementing continuous-scale morphology via curve evolution 509
Sapiro, G., Malah, D. Morphological image coding based on a geometric sampling theorem and a modified skeleton representation 45211
Sapjeta, J.B. *see* Eisenberg, J.H. 34754
Sapoval, B., Gutfraind, R., Meakin, P., Keddam, M., Takenouti, H. Equivalent-circuit, scaling, random-walk simulation, and an experimental study of self-similar fractal electrodes and interfaces 25628
Sapozhnikov, L. *see* Fox, J.D. 6966
Sapozhnikov, L. *see* Oxoby, G. 6999
Sapozhnikov, O.A. *see* Rudenko, O.V. 28988
Sapoznikov, D., Luria, M.H., Gotsman, M.S. Comparison of different methodologies of heart rate variability analysis 39039
Sapre, V.B. *see* Pai, V.S. 38942
Sapritsky, V.I. *see* Ginzburg, V.M. 15033
Sapritsky, V.I. *see* Morozova, S.P. 23404
Sapunov, V.M., Beda, P.I. Representation by quasihodographs of the rules of change of the signal of an eddy current transducer in pulsed excitation 18389
Saqib, N., Ishaque, S. Inspection strategy in fault diagnosis with unequal effort 33417
Saqui-Sannes, P.de *see* de Saqui-Sannes, P.
Sar, D.R. *see* Kato, K.G. 19304
Sara, L., Cuthbert, L., Glick, S., Loader, P., Sham, Q., Sanchez, J., Romijn, W. Application of object-oriented method to TMN 37295
Sara, L. *see* Sanchez, J. 30806
Sara, R. Impact of smooth surface perception capability on the structure of a vision system 36929
Sarabandi, K., Pierce, L., Oh, Y., Ulaby, F.T. Power lines: radar measurements and detection algorithm for polarimetric SAR images 46074
Sarabandi, K. *see* Stiles, J.M. 32114
Sarabandi, K. *see* Ulaby, F.T. 46095
Sarabia, E.R.F.De *see* De Sarabia, E.R.F.
Sarabia, E.Riera-Franco de *see* Riera-Franco de Sarabia, E.
Saraby-Reintjes, A., Peter, L.M., Ozsan, M.E., Dennison, S., Webster, S. On the mechanism of the cathodic electrodeposition of cadmium telluride 9673
Saracco, R. *see* Katzeff, K. 30316
Saraceni, P. *see* Harrison, L. 39200
Saraceni, P.J., Jr. *see* Harrison, L.H. 39265
Saraceno, C., Leonardi, R. Symmetrical segmentation-based image coding 29934
Sarachik, M.P. *see* Youzhu Zhang 34522
Sarachik, P. *see* Po, L. 13858
Saraf, R. *see* Schrott, A.G. 41401
Saraf, R.K. *see* Padmini, S. 16507
Sarafian, G., Kaplan, B.-Z. A new approach to the modeling of the dynamics of RF VCO's and some of its practical implications 33927
Saragas, E. *see* Adam, W. 7259
Saragas, E. *see* Adam, W. 31715
Saragas, E. *see* Adam, W. 46929
Saraie, J. *see* Fan, Y. 1848
Saraie, J. *see* Fan, Y. 42425
Saraiva, E.S. *see* Cardoso, A.J.M. 32855
Saraiva, M., Casimiro, P., Santos, M., Sousa, J.T., Goncalves, F., Teixeira, I., Teixeira, J.P. Physical DFT for high coverage of realistic faults 1189
Sarama, S.D. *see* Mait, J.N. 30119
Saramaki, T. *see* Mitra, S.K. 10299
Saranen, J. *see* Hamina, M. 41135
Sarangapani, S., Lessner, P., Kosek, J., Giner, J., Bae, I.T., Scherson, D. Methanol fuel cell 17302
Sarangapani, S. *see* LaConti, A.B. 17143
Sarango, M. *see* Balsley, B.B. 29178
Saraniti, D. *see* Padamsee, H. 15428
Saraniti, M. *see* Gruzinskis, V. 19025
Sarantelis, A.M. *see* Machias, A.V. 8239
Sarantsev, V.P. *see* Kaminsky, A.A. 43695
Sarantsev, V.P. *see* Saldin, E.L. 31538
Saraph, G.P., Antonsen, T.M., Jr., Nusinovich, G.S., Levush, B. Nonlinear theory of stable, efficient operation of a gyrotron at cyclotron harmonics 10625
Saraswat, K.C. Programmable factory IC manufacturing for the 21st century 9218
Saraswat, K.C. *see* Apte, P.P. 19460
Saraswat, K.C. *see* Chang, C.Y. 2184
Saraswat, K.C. *see* Degertekin, F.L. 34663
Saraswat, K.C. *see* King, T.-J. 42451
Saraswat, K.C. *see* Wood, S.C. 9223
Sarathy, K.Partha *see* Partha Sarathy, K.
Saravanan, K. *see* Rajeswari, M. 432
Saravanan, M.G. *see* Sethuraman, S.K. 8810
Saravanan, M.G. *see* Sethuraman, S.K. 17487
Saravanos, C. *see* de Oliveira, C.A.S. 3784
Saravanos, C. *see* Randall, T.D. 2995
Saravi, M. *see* Olivera, G.H. 24379
Saravolac, M.P. The use of optic fibres for temperature monitoring in power transformers 47949
Sarcona, G., Hatalis, M.K., Catalano, A. Amorphous silicon and silicon-germanium thin-film transistors formed by ion implantation 28149
Sarcona, G., Lin, F., Hatalis, M.K., Cserhati, A.F., Austin, E., Greve, D.W. Electrical and structural properties of cobalt annealed on silicon-germanium epilayers 11111
Sardana, H.K., Daemi, M.F., Ibrahim, M.K. Automatic image database generation from CAD for 3-D object recognition 4914
Sardana, H.K., Daemi, M.F., Ibrahim, M.K. Global description of edge patterns using moments 45095
Sardana, H.K. *see* Daemi, M.F. 22094
Sardela, M.R., Jr., Radamson, H.H., Hansson, G.V. Negative differential resistance at room temperature in δ-doped diodes grown by Si-molecular beam epitaxy 42846
Sardela, M.R., Jr. *see* Radamson, H.H. 42401
Sardella, A. *see* Giudicotti, L. 27443
Sardella, J.C. *see* Johnson, J.R. 11014
Sardella, V. HDTV distribution on passive optical networks using the SCM technique 46211
Sardina, J.G.E. *see* Crespo, M.A.R. 12990
Sardis, T.S. *see* Bakouris, M.G. 13978
Sardos, R. *see* Bretenoux, A. 38663
Sarfaty, R. *see* Blumina, M. 19539
Sarfraz, M. Generalized geometric interpolation for rational cubic splines 41146
Sargeni, A. *see* Bruna, G.B. 39871
Sargeni, F. *see* Cardarilli, G.C. 18879
Sargent, B.L. *see* Vlcek, B.L. 20149
Sargent, M., III *see* Boggavarapu, D. 12249
Sarghini, A. *see* Bernabei, F. 5174
Sargood, S. *see* Daryanani, S.L. 23597
Sargos, F.M. *see* Cherkaoui, M. 25452
Sarhadi, M. *see* Mitchell, T.A. 13687
Sarhadi, M. *see* Zhang, Z. 13676
Sarhan, A., Omar, A.S. Improved formulation of the singular integral equation technique for finlines 4204
Sari, H. Adaptive equalization of digital line-of-sight radio systems 5739
Sari, Z., Amgoud, K., Ait-Bouabdallah, M. Design and implementation of a microprocessor based high frequency switching mode power supply 17071
Sari-Sarraf, H., Brzakovic, D. One-dimensional signal classification by multiscale wavelet representation 36665
Sariciftci, N.S., Smilowitz, L., Zhang, C., Srdanov, V.I., Heeger, A.J., Wudl, F. Photoinduced electron transfer from conducting polymers onto buckminsterfullerene [and device applications] 20513
Sarikaya, B. *see* Henniger, O. 30228
Sarin, H.K., Ghazaleh, T.A. New approaches to mixed analog/digital simulation 10348
Sario, M.De *see* De Sario, M.
Saris, F.W. Surface science and semiconductor processing 10930
Saris, F.W. *see* Liefting, R. 34929
Saritepe, S., Goderre, G., Peggs, S. Observations of the beam-beam interaction in hadron colliders 31600
Sarjeant, W.J. *see* Khachen, W. 17147
Sarjeant, W.J. *see* Stokes, A.N. 43207
Sarjono *see* Taniguchi, H. 43749
Sark, W.G.J.H.M.van *see* van Sark, W.G.J.H.M.
Sarkar, A.D., Avery, R.A. Development, engineering, construction and start-up of a 34 MW waste wood fired power plant—Grayling Generating Station 8151
Sarkar, A.K. *see* Khaldi, M.R. 32221
Sarkar, B. *see* Singh Chawla, M. 16894
Sarkar, B.C., Nandi, M. Structure and application of a new digital monoshot 10103
Sarkar, B.K., Easwar, K., Pinto, R., Apte, P.R. Unique multi-parameter dependence considerations for passive HTSC microstrip devices 27186
Sarkar, B.K. *see* Damle, S.H. 30907
Sarkar, C.K. *see* Banerji, P. 42430
Sarkar, C.K. *see* Gangopadhyay, U. 42960
Sarkar, D. A simple algorithm for detection of significant vertices for polygonal approximation of chain-coded curves 22128
Sarkar, D. The concept of pattern signatures and two novel ways of image analysis (the prelude to an intelligent CT or MRI scanner) 47041
Sarkar, D. *see* Chakrabarti, I. 41843
Sarkar, G. *see* Deb, A. 29653
Sarkar, M.N.I., Bahr, J.L., Thomson, N.R. A programmable digital delay 23502
Sarkar, N., Chaudhuri, B.B. An efficient differential box-counting approach to compute fractal dimension of image 36979
Sarkar, N. *see* Chaudhuri, B.B. 13527
Sarkar, S. Effect of time—discontinuous amplitude modulated signal on the performance of an injection synchronized microwave AM-to-PM converter 1570
Sarkar, S., Basu, A. An object oriented environment for modeling and synthesis of hardware circuits 41584
Sarkar, S. *see* Boyer, K.L. 36994
Sarkar, T., Adve, R., Wicks, M. Photoconductive switching-revisited 44467
Sarkar, T., Wang, H., Adve, R., Moturi, M., Wicks, M. Evaluation of a causal time domain response from bandlimited frequency domain data 44901
Sarkar, T. *see* Adve, R. 44827
Sarkar, T.K. Analysis of arbitrary open/closed structures in the frequency domain 29232
Sarkar, T.K., Maricevic, Z.A., Kahrizi, M. An accurate de-embedding procedure for characterizing discontinuities 10400
Sarkar, T.K., Maricevic, Z.A., Kahrizi, M., Djordjevic, A.R. Frequency dependent characterization of radiation from an open end microstrip line 44507
Sarkar, T.K., Midya, P., Maricevic, Z.A., Kahrizi, M., Rao, S.M., Djordjevic, A.R. Analysis of arbitrarily shaped microstrip patch antennas using the Sommerfeld formulation 12747
Sarkar, T.K., Petre, P. An alternate version of the conjugate gradient method [EM scattering] 12585
Sarkar, T.K., Rao, S.M. Analysis of arbitrary shaped microstrip circuits and antennas on finite substrates 27129
Sarkar, T.K. *see* Castillo, L.M.G. 21170
Sarkar, T.K. *see* Djordjevic, A.R. 42135
Sarkar, T.K. *see* Gothard, G.K. 29097
Sarkar, T.K. *see* Petre, P. 21210
Sarkar, T.K. *see* Petre, P. 44327
Sarkar, T.K. *see* Rautio, J.C. 12682
Sarkar, T.K. *see* Seungwon Choi 29593
Sarkar, T.K. *see* Swaminathan, M. 12684
Sarkar, T.K. *see* Vechinski, D.A. 29160
Sarkar, T.K. *see* Vechinski, D.A. 29282
Sarkin, D.A. The protocol analyzer for primary rate ISDN 37554

Sarkis, H. Getting the attention of senior management for human factors issues: quantitative survey data 33309
Sarkissian, J.C. *see* Suarez, A. 27298
Sarkisyan, G.R. *see* Arutyunyan, G.V. 12338
Sarkisyan, G.R. *see* Arutyunyan, G.V. 12669
Sarkozi, M. *see* Smith, R.K. 25044
Sarma, A.S.V. *see* Ahmad, S. 27226
Sarma, B.A.G.S.Rama *see* Rama Sarma, B.A.G.S.
Sarma, J. *see* Williams, K.A. 35838
Sarma, N.V.S.Narasimha *see* Narasimha Sarma, N.V.S.
Sarma, S.Das *see* Das Sarma, S.
Sarma, V.S.S. *see* Udayagiri, M.R. 8535
Sarna, G.S. *see* Obrenovitch, T.P. 7425
Sarofim, A.F. *see* Tullin, C.J. 32663
Saroja, M. Software for lumped element design 33853
Sarpeshkar, R., Delbruck, T., Mead, C.A. White noise in MOS transistors and resistors 28123
Sarrabayrouse, G. *see* Campo, E. 2547
Sarrabayrouse, G. *see* Portillo, J. 34752
Sarrabayrouse, G. *see* Yahia Messaoud, A. 19588
Sarrafzadeh, M., Kuo-Feng Liao, Wong, C.K. Single-layer global routing 26621
Sarrafzadeh, M. *see* Chen, D.-S. 26607
Sarrafzadeh, M. *see* Cho, J.-D. 17905
Sarrafzadeh, M. *see* Cho, J.D. 19201
Sarrafzadeh, M. *see* Cho, J.D. 33828
Sarrafzadeh, M. *see* Sun, Y. 9880
Sarrafzadeh, M. *see* Yeap, G.K.-H. 26566
Sarraj, M. *see* Yarema, R.J. 18546
Sarraj, M. *see* Zimmerman, T. 24092
Sarret, M., Liba, A., Bonnaud, O., Le Bihan, F., Fortin, B. Comparison of physical and electrical properties of ULPCVD and VLPCVD in situ phosphorus doped polysilicon or undoped polysilicon 9762
Sarret, M., Liba, A., Bonnaud, O., Le Bihan, F., Fortin, B., Pichon, L., Raoult, F. In-situ phosphorous-doped VLPCVD polysilicon layers for polysilicon thin-film transistors 33700
Sarri, R.H. Discussion on 'Microprocessor-based protection relays: design and applications examples' by D. Baigent and E. Lebenhaft 32459
Sarris, E.T. *see* Paschalidis, N.P. 11307
Sarro, P.M. *see* Hammes, P.C.A. 6491
Sarro, P.M. *see* Li, Y.X. 10940
Sarsa, M. *see* Kuz'minov, V.V. 7164
Sarstedt, M., Dehen, J., Deitinghoff, H., Firjahn-Andersch, A., Klein, H., Kuhpour, M., Maaser, A., Schempp, A., Thomae, R., Weber, M. A high current, high energy RF-implanter 15329
Sartain, D. ΣΔ data conversion techniques for digital audio applications 10227
Sartain, M.D. Service water system restoration at North Anna 8106
Sarti, G.C. *see* Bruno, L. 25347
Sarto, A.W. *see* Weverka, R.T. 12786
Sarto, M.S. *see* D'Amore, M. 44484
Sartori, P. *see* Antonelli, A. 24054
Sartori, P. *see* Gasparini, F. 7223
Sartori, S. *see* Di Donna, G.B. 14442
Sartoris, G. *see* Schwarzenbach, H.U. 31181
Sartorius, B., Mohrle, M., As, D.J., Horer, J., Venghaus, H., Feiste, U. High frequency locking at 18 GHz in a self pulsating DFB laser 35821
Sartorius, B. *see* Horer, J. 43884
Sartorius, C. *see* MacConnell, P.F. 48480
Sartwell, B.D. *see* Eddy, C.R., Jr. 41312
Sarty, G. *see* Takaya, K. 29917
Saruhan, K. *see* McAulay, A.D. 5081
Sarukura, N. *see* Nabekawa, Y. 20678
Sarusi, G., Levine, B.F., Pearton, S.J., Bandara, K.M.S., Leibenguth, R.E. Improved performance of quantum well infrared photodetectors using random scattering optical coupling 38495
Saruwatari, M. Ultrahigh-speed optical fiber transmission employing all-optical signal processing technology 30836
Saruwatari, M. *see* Iwatsuki, K. 30732
Saruwatari, M. *see* Kawai, S. 37972
Saruwatari, M. *see* Kawanishi, S. 5978
Saruwatari, M. *see* Kawanishi, S. 22991
Saruwatari, M. *see* Kawanishi, S. 30846
Saruwatari, M. *see* Kawanishi, S. 38126
Saruwatari, M. *see* Kawanishi, S. 45953
Saruwatari, M. *see* Nishi, S. 28803
Saruwatari, M. *see* Shimada, S. 30744
Saruwatari, M. *see* Suzuki, K. 5977
Saruwatari, M. *see* Uchiyama, K. 5981
Sarv, V., Soojarv, J., Tuisk, A. Three- to single-phase converters with a switch-controlled interphase transformer for low-distorted supply of resistive loads 16979
Sarvar, F., Witting, P.A., Poole, N.J. Convection heat transfer from a hybrid circuit 1753
Sarwar, S., Bianco, S., Casaccia, R., Fabbri, F.L., Giardoni, M., Hertzog, D., Hughes, S., Lindozzi, M., Passamonti, L., Reimer, P., Russo, V., Taylor, R., Votano, L., Zallo, A. Lead scintillating-fiber calorimetry for low energy photons 31698
Sarwar, S. *see* Bianco, S. 31711
Sarzala, R.P., Nakwaski, W. Finite-element thermal model for buried-heterostructure diode lasers 35791
Sarzala, R.P., Nakwaski, W. Thermal properties of buried-heterostructure diode lasers 35846
Sas, J.van *see* van Sas, J.
Sas, P. *see* Bao, C. 21873
Sasa, K. *see* Hattori, T. 31561
Sasabe, H. *see* Burrows, P.E. 10593
Sasabe, H. *see* Hara, M. 9530
Sasada, T. *see* Iwaki, T. 31052
Sasada, T. *see* Iwaki, T. 36565
Sasago, M. *see* Hashimoto, K. 2281
Sasago, M. *see* Hashimoto, K. 42794
Sasago, M. *see* Matsuoka, K. 27882
Sasago, M. *see* Yamashita, K. 27941
Sasajima, K. Intelligence in measuring 38401
Sasakawa, K., Kuroda, S., Ikebata, S., Eiho, S. Comparative performance study of several threshold selection methods 22153
Sasakawa, K. *see* Haga, T. 4798
Sasaki, A., Xue-Lun Wang, Wakahara, A. Enhanced electroluminescence of AlP/GaP disordered superlattice 43625
Sasaki, A. *see* Noda, S. 3394
Sasaki, A. *see* Noda, S. 3395
Sasaki, A. *see* Noda, S. 12119
Sasaki, A. *see* Noda, S. 46428
Sasaki, A. *see* Xin Gao 12366
Sasaki, A. *see* Xin Gao 36014
Sasaki, C. *see* Hatakeyama, T. 24139
Sasaki, E. *see* Maeda, S. 14424
Sasaki, F., Kobayashi, S. Anomalous excitation density dependence of nonlinear optical responses in pseudoisocyanine J aggregates 12336
Sasaki, F. *see* Saito, Y. 19894
Sasaki, G. *see* Hayashi, H. 35638
Sasaki, G.H. Input buffer requirements for round robin polling systems 5554
Sasaki, G.H. *see* Pieris, G.R. 22741
Sasaki, H. Fuzzy application trend in multi-objective optimization in power systems 39461
Sasaki, H., Choshi, H., Takiuchi, Y., Kubokawa, J. A solution of maintenance scheduling covering several consecutive years by artificial neural networks 16637
Sasaki, H., Kadoi, M., Furuya, H., Shingyouji, T., Shimanuki, Y. Radial distribution of oxygen precipitates in Czochralski silicon single crystals 18132
Sasaki, H., Kawahara, K., Nunose, H., Nunose, H. A study on switched-capacitor phase comparator 27106
Sasaki, H., Nishiyama, K., Sonoda, T., Yasuda, H. Development of sealed nickel-cadmium battery with new functions required for practical use of electric vehicles 48250
Sasaki, H., Takahashi, K., Klonz, M., Endo, T. High-precision AC-DC transfer standards at ETL 6280
Sasaki, H., Yahara, M., Kawahara, K. An m/n frequency divider founded on SC astable multivibrator 1352
Sasaki, H., Yahara, M., Kawahara, K., Hong-Bing Zhu, Ueno, F. Frequency divider based on Miller integral type SC astable multivibrator 42101
Sasaki, H., Yahara, M., Ueno, F. Frequency multiplier based on integral type SC monostable multivibrator 18898
Sasaki, H. *see* Hiroi, T. 17950
Sasaki, H. *see* Iida, T. 20286
Sasaki, H. *see* Ippommatsu, M. 17267
Sasaki, H. *see* Kajimura, A. 17349
Sasaki, H. *see* Kawahara, K. 24886
Sasaki, H. *see* Kubokawa, J. 7826
Sasaki, H. *see* Nagata, T. 16167
Sasaki, H. *see* Takahashi, K. 6285
Sasaki, I., Koizumi, H., Miyata, T., Hatsuda, T. Numerical analyses of tether tension for geostationary optical-fiber tether satellite(F-GTS) system 30815
Sasaki, K. Blue second harmonic generation in poled-polymer waveguide devices 12325
Sasaki, K. High-speed, low-voltage design for high-performance static RAMs 18711
Sasaki, K. Frequency doubling from poled-polymer waveguides and organic crystal 44109
Sasaki, K., Bohac, P., Gauckler, L.J. Doped-In_2O_3 as a cathode material for solid oxide fuel cells 17339
Sasaki, K., Okada, T., Kawai, S., Aoyama, H. Frequency stabilization of an internal-mirror He-Ne laser using an axial mode beat 11949
Sasaki, K., Ueda, K., Takasugi, K., Toyoshima, H., Ishibashi, K., Yamanaka, T., Hashimoto, N., Ohki, N. A 16-Mb CMOS SRAM with a 2.3-μm^2 single-bit-line memory cell 26924
Sasaki, K., Ueda, K., Takasugi, K., Toyoshima, H., Yamanaka, T., Hashimoto, N., Ohki, N. A 16 Mb CMOS SRAM with a 2.3 μm^2 single-bit-line memory cell 34048
Sasaki, K., Yoshikawa, H. Information reduction for electro-holographic display 21110
Sasaki, K. *see* Hietanen, J. 16068
Sasaki, K. *see* Hietanen, J. 24533
Sasaki, K. *see* Kobashi, S. 16589
Sasaki, K. *see* Koike, Y. 3496
Sasaki, K. *see* Marumoto, K. 27856
Sasaki, K. *see* Sasaki, T. 27775
Sasaki, K. *see* Suzuki, M. 26785
Sasaki, K. *see* Suzuki, M. 26916
Sasaki, K. *see* Yamamoto, T. 28757
Sasaki, K. *see* Yamamoto, T. 42952
Sasaki, K. *see* Yamane, M. 19162
Sasaki, K. *see* Yoshikawa, H. 29055
Sasaki, K. *see* Yoshimoto, K. 2232
Sasaki, M., Gen, M. An extension of interactive method for solving multiple objective linear programming with fuzzy parameters 548
Sasaki, M., Ihara, H., Matsunaga, Y. A 2/3-in 400k-pixel sticking-free stack-CCD image sensor 31293
Sasaki, M., Kaneda, S., Ueno, F., Inoue, T., Kitamura, Y. Boltzmann machine processor using single-bit operation 1249
Sasaki, M., Kimura, T. The impact of oxidation of channel polysilicon on the trap-density of submicron bottom-gate TFT's 42940
Sasaki, M., Koya, Y., Yamashita, H., Ohsawa, S., Miyagawa, R., Ihara, H., Sakuma, N., Nozaki, H., Matsunaga, Y., Furukawa, A., Honda, H., Manabe, S. A 2/3 inch 400 k pixel sticking-free stack-CCD image sensor 38563
Sasaki, M., Kuroda, M., Mori, T. ME2627B digital modulation analyzer for digital-MCA system and MN3101A digital-MCA modulation adapter 38603
Sasaki, M., Takeshita, S., Sugiura, M., Sudo, N., Miyake, Y., Furusawa, Y., Sakata, T. Ground-based observation of biologically active solar ultraviolet-B irradiance at 35°N latitude in Japan 7612
Sasaki, M. *see* Hino, M. 38559
Sasaki, M. *see* Hishikawa, Y. 33057
Sasaki, M. *see* Horikoshi, E. 1741
Sasaki, M. *see* Isomura, M. 40463
Sasaki, M. *see* Satoh, N. 17968
Sasaki, M. *see* Seno, K. 26923
Sasaki, M. *see* Seno, K. 34047
Sasaki, M. *see* Torii, A. 27621
Sasaki, M. *see* Ueno, F. 1212
Sasaki, M. *see* Yoshida, S. 9625
Sasaki, M. *see* Yoshida, S. 41283
Sasaki, M. *see* Yuge, T. 33444
Sasaki, N. Chip component mounter with vision system 42321
Sasaki, N., Okamura, H., Kojima, Y. The contribution quality codec for standard TV signal 6198
Sasaki, N. *see* Kunieda, T. 22437
Sasaki, N. *see* Sugimoto, S. 30325
Sasaki, N. *see* Yagi, N. 34090
Sasaki, O., Nomachi, M., Ohska, T.K., Fujii, H. A VME barrel shifter system for event reconstruction for up to 3 Gbps signal trains 15660
Sasaki, O. *see* Nomachi, M. 38922
Sasaki, O. *see* Ohska, T.K. 22998
Sasaki, S., Kamata, H., Sugimura, Y. Facsimile money order processing system 22488
Sasaki, S. *see* Aida, T. 19284
Sasaki, S. *see* Aoki, M. 14597
Sasaki, S. *see* Aoki, M. 38120
Sasaki, S. *see* Kikuchi, N. 3869
Sasaki, S. *see* Kitajima, S. 38007
Sasaki, S. *see* Koshiba, M. 4200
Sasaki, S. *see* Kusunoki, T. 10607
Sasaki, S. *see* Matsuura, T. 11645
Sasaki, S. *see* Naoi, S. 4945
Sasaki, T., Enoki, T., Tachikawa, M., Sugo, M., Mori, H. InAlAs/InGaAs metal-semiconductor-metal photodiodes heteroepitaxially grown on Si substrates 28649
Sasaki, T., Kagomi, S., Yoshimoto, K., Sasaki, K., Noya, A. An effect of the phase transition of Ti silicide on the thermal stability of Si-interfaces in the Cu/$CuTi_2$/Ti/Si contact system 27775
Sasaki, T., Kitamura, M., Mito, I. Selective metalorganic vapor phase epitaxial growth of InGaAsP/InP layers with bandgap energy control in InGaAs/InGaAsP multiple-quantum well structures 706
Sasaki, T., Satoh, T., Ubayama, N., Yamazaki, K., Hirota, O. Elimination of nonlinear PM and FM noises in optical amplifier repeater systems by squeezer 30705
Sasaki, T., Yamaguchi, M., Kato, T., Sakata, Y., Asano, H., Kitamura, M., Mito, I. Selective MOVPE growth and its application to semiconductor photonic integrated circuits 3402
Sasaki, T. *see* Akamatsu, S. 22162
Sasaki, T. *see* Akiyama, A. 46503
Sasaki, T. *see* Hasegawa, I. 34449
Sasaki, T. *see* Himeno, T. 14856
Sasaki, T. *see* Ido, H. 505
Sasaki, T. *see* In Tae Bae 17299
Sasaki, T. *see* Iwata, A. 16262
Sasaki, T. *see* Katoh, T. 15940
Sasaki, T. *see* Koizumi, N. 20227
Sasaki, T. *see* Koizumi, N. 20227
Sasaki, T. *see* Kuroda, N. 18142
Sasaki, T. *see* Mieno, F. 26518
Sasaki, T. *see* Minemoto, H. 36005
Sasaki, T. *see* Naito, K. 35706
Sasaki, T. *see* Orita, N. 27672
Sasaki, T. *see* Sanada, M. 43106
Sasaki, T. *see* Seto, T. 31283
Sasaki, T. *see* Tsuji, H. 28422
Sasaki, T. *see* Tsuji, H. 28422
Sasaki, T. *see* Yamada, M. 19571
Sasaki, T. *see* Yoshimoto, K. 2232
Sasaki, T. *see* Yoshioka, S. 34052
Sasaki, T.A. *see* Baba, Y. 10858
Sasaki, W. *see* Matsui, M. 27460

Sasaki, Y., Goto, S.-I., Handa, M. Conductivities of lithium salts and charge-discharge characteristics of lithium electrode in 1,2-dimethoxyetane-propylene carbonate-diethyl carbonate and 1,3-dimethyl-2-imidazolidinone-propylene carbonate-diethyl carbonate systems 48069
Sasaki, Y., Matsuo, K. Surface-to-tunnel resistivity tomography at the Kamaishi Mine 7582
Sasaki, Y., Sakaguchi, H., Kuma, S. Measurement of abrupt change of carrier concentration of C-V method 1841
Sasaki, Y. *see* Ohnishi, O. 9940
Sasaki, Y. *see* Takeya, S. 46078
Sasakil, Y. *see* Oie, Y. 45642
Sasakura, K. *see* Tamaru, N. 45733
Sasamori, A. *see* Uchiyama, T. 31929
Sasano, H. *see* Sakai, R. 29432
Sasano, Y. *see* Araki, N. 7618
Sasao, K. *see* Kabashima, S. 25830
Sasao, K. *see* Zubtsov, V.M. 25833
Sasao, M. A charge exchange gas cell for a high quality beam 15611
Sasao, M. *see* Taniike, A. 15610
Sasao, M. *see* Wada, M. 15601
Sasao, M. *see* Wada, M. 46823
Sasao, N. *see* Sato, I. 15299
Sasaoka, H. Analysis of block error probability for very slow Rayleigh fading in digital indoor radio channels 22802
Sasaoka, H., Kato, E. Time spread coded QAM system for land mobile radio communications 14482
Sasaoka, H., Kato, E. Time spread modulation system for digital land mobile radio communication 30632
Sasaoka, H. *see* Du, J. 12838
Sasaoka, H. *see* Kamio, Y. 37879
Sasaoka, H. *see* Ohgane, T. 5775
Sasaoka, H. *see* Ohgane, T. 22841
Sasaoka, H. *see* Sampei, S. 14481
Sasaoka, H. *see* Sampei, S. 37728
Sasaoka, T., Nomura, K., Sato, J., Kuma, S., Fujishiro, H., Ikebe, M., Noto, K. Characteristics of Ag-Au alloy sheathed Bi-Pb-Sr-Ca-Cu-O superconducting tapes for current leads 35293
Sasaoka, T. *see* Fujishiro, H. 16381
Sasaoka, T. *see* Nomura, K. 20168
Sasase, I. *see* Miyagi, M. 29441
Sasase, I. *see* Seto, I. 6085
Sasase, I. *see* Takahashi, K. 29727
Sasase, I. *see* Yamazato, T. 21597
Sasayama, K., Habara, K., De Zhong, W., Yukimatsu, K. Photonic ATM switch using frequency-routing-type time-division interconnection network 5866
Sasayama, K., Habara, K., Kominato, T. Photonic FDM highway switch using PLC ring resonators 38116
Sasayama, T. Technological trends and key technologies in intelligent vehicles 33129
Sasazawa, H. *see* Isono, H. 38614
Sasian, J.M. *see* Cloonan, F.J. 43679
Sasian, J.M. *see* McCormick, F.B. 43584
Sasidharan, R., Choo Fook Hoong, Devanathan, R. Automation of odd-form components assembly on printed circuit boards—problems and some solutions 17808
Sasisekharan, R., Seshadri, V., Weiss, S.M. Using machine learning to monitor network performance 37356
Sasnett, M. *see* Gruhlke, R. 3746
Sasnett, M.W. *see* Johnston, T.F., Jr. 3751
Sass, R. *see* Himel, T. 6991
Sass, W., Matura, E., Dreyer, H.P., Folberth, W., Seifert, J. Lithotripsy—mechanisms of the fragmentation process with focussed shock waves 24341
Sasse, M.A. *see* Handley, M.J. 14292
Sassella, A. *see* Rojas, S. 26507
Sasserath, J. *see* McLane, G. 10900
Sassi, M.P. *see* Waltman, S. 6302
Sasso, G. *see* Vettiger, P. 3641
Sassus, P. *see* Bittermann, V. 39262
Sassus, P. *see* Bittermann, V. 47179
Sastre, R. *see* Duchowicz, R. 20662
Sastry, C.R. *see* Kamen, E.W. 29635
Sastry, H.S.Y. *see* Padiyar, K.R. 39473
Sastry, M.A. *see* Gadgil, A.J. 48465
Sastry, R., Ranganathan, N., Bunke, H. VLSI architectures for polygon recognition 34099
Sastry, V.V. *see* Dhillon, G.S. 16723
Sata, M. *see* Horinouchi, K. 20920
Sata, T. Concurrent engineering 17790
Sataev, I.R. *see* Kuznetsov, A.P. 994
Sataev, I.R. *see* Kuznetsov, A.P. 26667
Satake, T. *see* Cardona, M. 13907
Satchell, J.S. *see* Keene, M.N. 20213
Sathaye, A. *see* Damarla, T. 18578
Sathaye, J., Friedmann, R., Meyers, S., de Buen, D., Gadgil, A., Vargas, E., Saucedo, R. Economic analysis of Ilumex. A project to promote energy-efficient residential lighting in Mexico 48466
Sathaye, S.S., Kish, W.S., Strosnider, J.K. Responsive aperiodic services in high-speed networks 45579
Sathe, S. *see* Chi-Song Horng 33954
Satherley, B.L., Parker, C.R. Two-dimensional image reconstruction from zero sheets 13610
Sathiakumar, S., Gosden, D. Position servo system with PM AC motor using 80C196 micro-controller 8271
Satho, K. *see* Katayama, T. 6901
Satho, M. *see* Yokota, K. 10805
Satho, M. *see* Yokota, K. 19780
Sati, G. *see* Kawakami, H. 4340
Satish, A., Kashyap, R.L. Architecture models for maximum likelihood direction of arrival estimation 21848
Satish, J. *see* Billinton, R. 32207
Satishkumar, Y.V. *see* Umamaheswari, B. 24732
Satka, A., Kovac, J. Time resolved OBIC/EBIC mapping of InGaAsP/InP photodiodes 43637
Satka, A. *see* Racko, J. 10742
Satnam, P.S., Kang, P.S. Power factor concept and metering strategy 47594
Sato, A., Mase, K., Tomono, A., Ishii, K. Pedestrian counting system robust against illumination changes 31063
Sato, A., Momiyama, Y., Nara, Y., Sugii, T., Arimoto, Y., Ito, T. A 0.5-μm EEPROM cell using poly-Si TFT technology 18721
Sato, A. *see* Kawabata, M. 36052
Sato, A. *see* Kozawa, A. 40398
Sato, A. *see* Okumura, T. 45544
Sato, A.H., Yee, J., Bellan, P.M. A quick-retrieval high-speed digital framing camera 31221
Sato, E. *see* Kimura, S. 7393
Sato, E. *see* Pereira, J.S. 43631
Sato, F., Nakayama, M., Maemura, K., Fujii, T., Usuki, T. A GaAs monolithic microwave IC for cordless digital telephones 37876
Sato, H. New network technology: frame relay 22319
Sato, H. InGaAlP LEDs are expected for more value-added display applications 23802
Sato, H., Akoh, H., Takada, S. Anisotropic Josephson effect in all (103)-oriented $YBa_2Cu_3O_{7-\delta}/PrBa_2Cu_3O_{7-\delta}/YBa_2CU_3O_{7\delta-\delta}$ junctions 35280
Sato, H., Azumai, Y., Nozawa, H. Effect of chirped nonlinear optical susceptibility corrugation on the Cerenkovian second-harmonic power in a slab waveguide 28980
Sato, H., Minami, T., Takata, S., Miyata, T., Ishii, M. Low temperature preparation of transparent conducting ZnO:Al thin films by chemical beam deposition 9658
Sato, H., Minami, T., Takata, S., Yamada, T. Transparent conducting p-type NiO thin films prepared by magnetron sputtering 9768
Sato, H., Minami, T., Yamada, E., Ishii, M., Takata, S. Transparent and conductive impurity-doped GaN thin films prepared by an electron cyclotron resonance plasma metalorganic chemical vapor deposition method 33726
Sato, H. *see* Ezure, S. 47932
Sato, H. *see* Fujiura, K. 818
Sato, H. *see* Hirokawa, T. 21694
Sato, H. *see* Huang, H. 7044
Sato, H. *see* Ito, K. 25502
Sato, H. *see* Itoh, K. 21687
Sato, H. *see* Kawai, T. 7963
Sato, H. *see* Ohya, J. 3568
Sato, H. *see* Phelps, R.A. 38798
Sato, H. *see* Seno, K. 26923
Sato, H. *see* Shimizu, T. 19167
Sato, H. *see* Tanabe, M. 9395
Sato, H. *see* Tsujino, J. 17633
Sato, H. *see* Watanabe, T. 44110
Sato, H. *see* Yamamura, K. 19123
Sato, I., Enomoto, A., Ezura, E., Kobayashi, H., Nakahara, K., Nakanishi, H., Noguchi, S., Ono, M., Ohsawa, S., Takata, K., Yamaguchi, S., Yoshimoto, S., Toyama, S., Emoto, T., Himeno, Y., Hirano, K., Konashi, K., Oshita, H., Sasao, N., Takahashi, N., Wang, Y.L. Development of a CW electron linac structure using a traveling-wave resonant ring 15299
Sato, I. *see* Arai, R. 20278
Sato, I. *see* Enomoto, A. 15297
Sato, I. *see* Mizukami, M. 20284
Sato, I. *see* Wang, Y.L. 38767
Sato, J. *see* Alomary, A.Y. 18767
Sato, J. *see* Ebiko, H. 23043
Sato, J. *see* Gocho, T. 42800
Sato, J. *see* Muroyama, M. 27792
Sato, J. *see* Nomura, K. 20168
Sato, J. *see* Saito, T. 16680
Sato, J. *see* Sasaoka, T. 35293
Sato, K. Producers tackle technology challenges relating to PC card connectors 34448
Sato, K., Fukuda, B., Nakano, K., Honda, A., Kan, T. Development of heat-proof domain-refining technique in grain-oriented Si steel 43256
Sato, K., Ikekame, H., Tosaka, Y., Tsuzukiyama, K., Togami, Y., Fujisawa, M. Fundamental studies and application of short-wavelength magneto-optical effect in Pt-based multilayers 11475
Sato, K., Ishizuka, S., Nikami, A., Sato, M. Control techniques for optical image stabilizing system 14825
Sato, K., Kanematsu, K., Masuda, S., Kawamura, T., Nakao, Y., Kuribayashi, T. CIM of mounting technologies for high-quality production 27368
Sato, K., Morthier, G., Baets, R., Nakano, Y., Tada, K. Optimum design of the grating for gain/loss coupled DFB lasers 35794
Sato, K., Ogata, M., Matsumoto, M., Hamamoto, R., Manita, K., Okada, T., Sakai, Y., Oishi, K., Yamamura, M. Circuit and functional design technologies for 2 Mb VRAM 18734
Sato, K., Okinaga, T., Kohara, T., Ota, T., Otsuka, K., Honda, A., Mizuno, C. Investigation of short circuit caused by reduction of PbO sealing glass used for VLSI package 33409
Sato, K., Sekine, S., Kondo, Y., Yamamoto, M. Simultaneous operation of ten-channel tunable DFB laser arrays using strained-InGaAsP multiple quantum wells 12167
Sato, K., Togura, K. Growth of GaAs layers on Si substrates by one-step low-pressure metal-organic chemical vapor deposition without high-temperature thermal cleaning treatment 9518
Sato, K., Wakita, K., Kotaka, I., Kondo, Y., Yamamoto, M. A multi-section electroabsorption modulator integrated DFB laser for optical pulse generation and modulation 35626
Sato, K. *see* Aoki, M. 34292
Sato, K. *see* Fahy, M.R. 18197
Sato, K. *see* Hagimoto, K. 28522
Sato, K. *see* Kanazawa, M. 6908
Sato, K. *see* Kanazawa, M. 15457
Sato, K. *see* Katayama, T. 15317
Sato, K. *see* Katsuma, H. 29056
Sato, K. *see* Kawai, S. 37972
Sato, K. *see* Kuragaki, T. 19425
Sato, K. *see* Matsui, K. 24619
Sato, K. *see* Minami, H. 2324
Sato, K. *see* Naganuma, M. 30734
Sato, K. *see* Ohkura, K. 20219
Sato, K. *see* Ookuma, S. 18732
Sato, K. *see* Saito, T. 19170
Sato, K. *see* Sato, Y. 22308
Sato, K. *see* Shimokohbe, A. 31446
Sato, K. *see* Suzuki, A. 10173
Sato, K. *see* Suzuki, K. 5977
Sato, K. *see* Terai, M. 26552
Sato, K. *see* Tokashiki, K. 27902
Sato, K. *see* Ueyama, M. 35295
Sato, K. *see* Wakita, K. 20791
Sato, K. *see* Wakita, K. 35456
Sato, K. *see* Yamaguchi, F. 14824
Sato, K. *see* Yoshioka, K. 5998
Sato, K.-I., Okamoto, S., Hadama, H. Network performance and integrity enhancement with optical path layer technologies 37600
Sato, K.-I. *see* Kawamura, R. 37348
Sato, K.-I. *see* Kawamura, R. 37598
Sato, K.N. *see* Katsuki, S. 36126
Sato, M. Transient simulation of piezoelectric ceramic rectangular plates by spatial network method 11414
Sato, M. Electrocapillarity optical switch 45971
Sato, M., Kuramoto, S., Matsuoka, K., Ohta, M., Takemoto, K. Design on large circle Rogowski coil for lightning current measurement in the building columns and girders 15160
Sato, M., Onishi, Y., Hayashi, H. Effect of heat treatment on magnetic properties of C/CoNiCr/Cr media using carbon substrates 20159
Sato, M., Onishi, Y., Nakaue, A. Co-based alloy thin-film media on carbon substrates 28358
Sato, M., Shima, Y., Takahashi, H., Sanpei, Y. Inrush currents of induction generators due to abrupt connection to utility power networks 40151
Sato, M., Sugano, M., Ikeba, K., Fukutani, I., Terada, A., Yamazaki, T. Cylindrical active phased array antenna 21435
Sato, M., Suzuki, T. Recent progress in borehole radars and ground penetrating radars in Japan 24461
Sato, M., Wakana, H., Takahashi, T., Takeuchi, M., Yamamoto, M. Adaptive data rate control TDMA systems as a rain attenuation compensation technique 37944
Sato, M. *see* Aikawa, N. 27067
Sato, M. *see* Ando, M. 12588
Sato, M. *see* Awashima, T. 26592
Sato, M. *see* Furukawa, Y. 21073
Sato, M. *see* Ishihara, T. 41245
Sato, M. *see* Kubota, K. 41593
Sato, M. *see* Murasaki, T. 21198
Sato, M. *see* Okumura, T. 45544
Sato, M. *see* Sakamoto, K. 20930
Sato, M. *see* Sato, K. 14825
Sato, M. *see* Sugimoto, T. 9006
Sato, M. *see* Teruyama, H. 40107
Sato, M. *see* Togawa, N. 26790
Sato, M. *see* Weyers, M. 777
Sato, N., Asatani, K., Murakami, H., Mallon, R.E., Hughes, S.R., Graff, T.L. In-service monitoring methods—better ways to assure service quality of digital transmission 45411
Sato, N., Nakazawa, T., Yamazaki, A., Taoka, H., Iyoda, I., Noguchi, H. Real-time digital simulator for power system analysis 24620
Sato, N., Tominaga, T., Miyata, M., Okamoto, T. Analysis and estimation methodology for facsimile service quality 45490
Sato, N., Yamashita, M., Taguchi, K., Nishi, T. Phase disturbance of Loran-C signal near a coast line 14739

Sato, N. *see* Kamikatano, N. 11597
Sato, N. *see* Kurosawa, Y. 14316
Sato, N. *see* Mashiko, T. 9964
Sato, N. *see* Mashiko, T. 17035
Sato, N. *see* Oohashi, K. 11591
Sato, N. *see* Sato, T. 16350
Sato, N. *see* Shimawaki, H. 27434
Sato, O. *see* Yasukawa, S. 39819
Sato, R. *see* Endo, I. 44491
Sato, R. *see* Kuboyama, Y. 44490
Sato, R. *see* Xinwei, Y. 24986
Sato, S. Large scale numerical simulations using PCs—applications for analysis and electrical field computation 44191
Sato, S., Akiyama, M. Nonblocking ATM switching networks for variable bit rate traffic 30174
Sato, S., Doi, S., Nomura, T. Bonhoeffer-van der Pol oscillator model of the sino-atrial node: a possible mechanism of heart rate regulation 39105
Sato, S., Hara, T. Application of a ferroelectric liquid-crystal cell to an electric field sensor 3203
Sato, S., Kuboyama, Y., Sone, M., Mitsui, H. Relation between number of primary electrons and discharge inception voltage 43165
Sato, S. *see* Goto, T. 20629
Sato, S. *see* Iyoda, M. 12303
Sato, S. *see* Kato, K. 31935
Sato, S. *see* Kurumada, A. 8259
Sato, S. *see* Magara, T. 17630
Sato, S. *see* Nose, T. 15134
Sato, S. *see* Sato, Y. 3986
Sato, S. *see* Shimizu, K. 35673
Sato, S. *see* Watanabe, T. 25665
Sato, S. *see* White, S.R. 7423
Sato, S. *see* Yamaguchi, R. 15137
Sato, S. *see* Yasui, J. 8236
Sato, S. *see* Zhang, B. 13085
Sato, S. *see* Zhang, B. 36601
Sato, S. *(editor)* Proceedings of the Workshops on the Utilization of Electron Beams (JAERI-M-93-160) 17681
Sato, T., Arita, H., Tsukushi, M., Kurosawa, Y. Interrupting characteristics of series connection of thermal puffer gas circuit breaker and vacuum circuit breaker 40375
Sato, T., Kawashima, H., Nakamura, T., Ohkawa, M., Maruyama, T., Shimba, M. Oscillation wavelength shift of GaAlAs laser diodes in a magnetic field 3676
Sato, T., Mochida, Y., Fujii, K., Demin, I.Yu., Jhang, K.Y., Kobayashi, K., Kato, M., Kameyama, K. Bispectral analysis applied for measurement of nonlinear characteristics of vibration propagation in soft tissues 7379
Sato, T., Muraki, K., Sato, N., Sekii, Y. Recent technical trends of 500 kV XLPE cable 16350
Sato, T., Murayama, S. The observation of triply-resonant characters of an optical parametric oscillator using a biaxial crystal, KTP 21048
Sato, T., Nakazawa, T., Ueno, T., Nakano, H., Shimba, M. Frequency stabilisation and frequency control of a semiconductor laser using the Faraday effect of the Rb absorption line 3651
Sato, T. *see* Furukawa, H. 37823
Sato, T. *see* Goto, K. 20287
Sato, T. *see* Kaizu, H. 16807
Sato, T. *see* Kameyama, K. 3246
Sato, T. *see* Kato, N. 37874
Sato, T. *see* Kobayashi, M. 31667
Sato, T. *see* Kobayashi, Y. 12125
Sato, T. *see* Kubota, Y. 26178
Sato, T. *see* Naito, F. 24788
Sato, T. *see* Naito, K. 35735
Sato, T. *see* Nakazawa, T. 12244
Sato, T. *see* Shinkai, M. 25962
Sato, T. *see* Shiozawa, T. 43966
Sato, T. *see* Ueno, T. 12240
Sato, T. *see* Ueno, T. 35780
Sato, T. *see* Uesugi, K. 33666
Sato, T. *see* Wakayama, T. 23151
Sato, T. *see* Yamada, K. 25589
Sato, T. *see* Yamaguchi, T. 27616
Sato, T. *see* Yamashita, K. 27941
Sato, T. *see* Yokoyama, K. 40137
Sato, T. *see* Zhao, H. 30243
Sato, Y. PIG type H^- negative ion source 15600
Sato, Y., Aida, K., Nakagawa, K. An Er-doped fiber active switch controlled by coded pump light 30755
Sato, Y., Hirano, Y., Yamaguchi, S. Protective system for high power capacitor bank 25544
Sato, Y., Iga, M., Yamada, H. Flow control of molten tin surface sloping by a single-sided linear induction motor 40680
Sato, Y., Imai, K., Yomezawa, H., Shigematsu, T. Detection of phosphorus pileup at SiO_2/Si interface 19443
Sato, Y., Inoue, M., Haruta, K., Nagai, H., Murai, Y. High repetition rate operation of a long pulse excimer laser 28728
Sato, Y., Kataoka, T. State feedback control of current-type PWM AC-to-DC converters 47961
Sato, Y., Ohya, J., Ishii, K. Recovery of hierarchical part structure of 3D shape from range image 13592
Sato, Y., Sato, K. Smoothing controller for CBR cell traffic in ATM networks 22308
Sato, Y., Sato, S., Tanaka, H., Yanai, Y. Influence of eddy current on the dynamics of high speed switching valve 3986
Sato, Y., Suzuki, K., Azeddine, D., Kataoka, T. A new control strategy to improve AC input current waveform of high-power parallel connected PWM rectifiers 8636
Sato, Y., Togami, A., Ogino, K., Ishii, N., Kobayakawa, K. The particle size effect of metal hydrides on the discharge capacity of a nickel hydrogen battery 48071
Sato, Y., Yamabayashi, Y., Aida, K. Noise figure monitoring of optical amplifiers via backward amplified spontaneous emission 45993
Sato, Y., Yamabayashi, Y., Aoyama, K. A supervisory channel scheme for EDFA transmission systems that uses Brillouin amplification 45923
Sato, Y. *see* Dahono, P.A. 25530
Sato, Y. *see* Hashimoto, K. 21692
Sato, Y. *see* Hattori, K. 15215
Sato, Y. *see* Hou, Y. 26904
Sato, Y. *see* Kanazawa, M. 6908
Sato, Y. *see* Kataoka, T. 8420
Sato, Y. *see* Kataoka, T. 17457
Sato, Y. *see* Kim, E.-K. 21669
Sato, Y. *see* Minemura, H. 20271
Sato, Y. *see* Mori, Y. 15572
Sato, Y. *see* Tamura, S. 46637
Sato, Y. *see* Yamabayashi, Y. 14363
Sato, Y. *see* Yamaguchi, H. 25508
Sato Ken-Ichi *see* Ken-Ichi Sato
Sato Yu *see* Yu Sato
Satodate, K. *see* Kumagai, N. 48084
Satogata, T., Peggs, S. A simulation of modulational diffusion for the Fermilab Tevatron 38791
Satoh, A. *see* Aoyagi, H. 19615
Satoh, G. *see* Minamisono, K. 5827
Satoh, H., Oyama, T., Serizawa, Y. Fuzzy decision-making of restoration target system 32194
Satoh, H. *see* Fujimoto, S. 20266
Satoh, H. *see* Kanai, H. 31890
Satoh, H. *see* Kawata, Y. 24216
Satoh, H. *see* Sugaya, T. 20276
Satoh, I. *see* Ichinose, M. 20267
Satoh, I. *see* Inoue, K. 20253
Satoh, I. *see* Ohta, T. 20251
Satoh, I. *see* Takizawa, T. 20273
Satoh, I. *see* Yatsui, K. 20952
Satoh, K. *see* Aruga, S. 44176
Satoh, K. *see* Itoh, H. 2709
Satoh, K. *see* Itoh, H. 46487
Satoh, K. *see* Katoh, T. 15940
Satoh, K. *see* Kobayashi, Y. 19171
Satoh, K. *see* Nakanishi, S. 9194
Satoh, K. *see* Oguri, Y. 31559
Satoh, K. *see* Okamura, M. 31560
Satoh, K. *see* Takeda, O. 15522
Satoh, K. *see* Tsuji, H. 28422
Satoh, M. *see* Iskandar, M.A. 24749
Satoh, M. *see* Iskandar, M.A. 24773
Satoh, M. *see* Masugi, M. 44465
Satoh, M. *see* Nishimura, C. 22745
Satoh, M. *see* Okada, T. 41914
Satoh, M. *see* Ueda, M. 11408
Satoh, M. *see* Ujiie, M. 45551
Satoh, N., Sasaki, M., Yuge, T., Yanagi, S. Reliability of 3-state device systems with simultaneous failures 17968
Satoh, S. Recent technical trends of TFT active matrix color liquid-crystal displays 23822
Satoh, S. *see* Imada, G. 20637
Satoh, S. *see* Koyanagi, T. 38971
Satoh, S. *see* Ohno, Y. 34080
Satoh, S. *see* Sayama, H. 10164
Satoh, S. *see* Sayama, H. 26941
Satoh, S. *see* Susa, K. 43416
Satoh, S. *see* Suzuki, K. 11217
Satoh, T., Kurosawa, K., Tsujii, S. Privacy for multi-party protocols 12815
Satoh, T. *see* Sakamoto, K. 27870
Satoh, T. *see* Sakamoto, K. 27912
Satoh, T. *see* Sasaki, T. 30705
Satoh, Y. The progress of silver halide photography in medical and graphic arts imaging 38968
Satoh, Y., Ikata, O., Matsuda, T. A band-pass filter using one-port SAW resonators 35202
Satoh, Y., Shikama, S., Soutome, Y., Nakamura, Y. Recording characteristics of LIPS double-layered tape prepared by over-coating 43304
Satoh, Y. *see* Homma, M. 17109
Satoh, Y. *see* Ikata, O. 2765
Satoh, Y. *see* Kamikawaji, T. 32956
Satoh, Y. *see* Shikama, S. 43305
Satoh, Y. *see* Shinoda, M. 28944
Satomi, M., Masaki, N., Miyagawa, M. Recent technical trend of medium voltage switchgear 40373
Satomi, T. *see* Shinozaki, K. 16742
Satomi, T. *see* Takeuchi, S. 16741
Satomura, Y., Muroi, Y. Propagation of nonlinear waves guided by planar waveguides with inhomogeneous refractive-index profile 20348
Satonaka, S., Yokomine, K. Ultrasonic evaluation of spot welds with a focused probe 928
Satorius, E.H., Mulligan, J.J. An alternative methodology for blind equalization 4764
Satsangi, P.S. *see* Chaturvedi, D.K. 40119
Satta, G. *see* Corazza, A. 4512
Satta, G. *see* Corazza, A. 4534
Sattarov, F.A. *see* Voskovtsova, L.M. 12452
Sattelmayer, T. *see* Kampmann, S. 15230
Satterfield, M.J. Holographic wafer inspection as an effective defect reduction methodology for ULSI wafer fabrication 442
Sattler, F. *see* Graskamp, B. 44446
Sattler, G. Addenda and Comments on the article: A 10 GHz FM-ATV transmitter with dielectric resonator (issue 2/1992) 46188
Sattler, K.M. *see* Barowski, H. 2923
Sattler, P. *see* Sakulin, M. 48483
Sattler, P.K. *see* Kempkes, J. 8846
Sattler, S., Felgentreff, T., Russer, P. CPW resonator modelling on GaAs using the mixed potential integral equation 1415
Sattler, S., Russer, P. Advance in analyzing passive planar radiating structures with Method of Moments matrices 44560
Satyamurthy, P., Dixit, N.S., Thiyagarajan, T.K., Bhide, A.L., Chakravarty, D.P., Madanmohan, M.S., Venkatramani, N., Chatterjee, U.K. Preliminary experiments in 500 watts electrical steam-mercury liquid metal MHD facility 25749
Satyamurthy, P. *see* Dixit, N.S. 25748
Satyanaranaya, P.S.M. *see* Mallikarjuna Reddy, Y. 44665
Satyanarayana, J.H., Nowrouzian, B. A comprehensive approach to the design of digit-serial modified booth multipliers 41846
Satyanarayana, R. *see* Lodha, N.K. 8077
Satyanarayana, S. Design of a low-noise amplifier using HEMTs 42184
Satyanarayana Rao, K.V. *see* Sreepathi Rao, S. 48047
Satyapal, S. *see* Watson, D.M. 15025
Sau-Gee Chen, Ren-Jer Tsai A novel fast FIR filtering algorithm and its implementation 13462
Sauar, P.W., Lesieutre, B.C., Pai, M.A. Transient algebraic circuits for power system dynamic modelling 7696
Sauba, R.N. *see* Ovenden, N.A. 46532
Saubion, C. *see* Foch, H. 32908
Saucedo, R. *see* Sathaye, J. 48466
Saucier, G. Analysis of the trends in logic synthesis 18636
Saucier, G., Abouzeid, P. Lexicographical expressions of Boolean functions with application to multilevel synthesis 26556
Saucier, G. *see* Abouzeid, P. 1129
Saucier, G. *see* Boubekeur, A. 18775
Saucier, G. *see* Sakouti, K. 18641
Sauder, D., Geraniotis, E. One-step memory nonlinearities for signal detection and discrimination from correlated observations 36744
Saudoz, J.L. Improving wood poles with an ultrasonic test 25007
Sauer, B.A. Demand modeling, new mode problems, and the $64 [sic]question: technological utopianism in America's race to develop high speed rail technology 199
Sauer, D.J. *see* Rodda, W.E. 6206
Sauer, J.R., Islam, M.N., Dijaili, S.P. A soliton ring network 43587
Sauer, J.R. *see* Benner, A.F. 23055
Sauer, J.R. *see* Blumenthal, D.J. 11785
Sauer, J.R. *see* Jenkins, R.B. 30776
Sauer, J.R. *see* Ramanan, A.V. 30773
Sauer, K. *see* Schwartz, B. 29967
Sauer, M., Gotze, J. A VLSI-architecture for fast wavelet computations 11287
Sauer, M. *see* Borsch, H. 15552
Sauer, M. *see* Derissen, W. 7065
Sauer, M. *see* Gotze, J. 18074
Sauer, N., Xiaolan Xie Marking optimization of stochastic timed event graphs 18016
Sauer, N.J. *see* Chu, D.Y. 43913
Sauer, N.J. *see* Zucker, J.E. 46017
Sauer, P.W. *see* Ranjan, R.K. 39478
Sauer, S.T. SMT military standards or the lack thereof 34433
Sauerbrey, J. A modular exponentiation unit based on systolic arrays 21575
Sauerbrey, R. *see* Le Blanc, S.P. 20615
Sauerbrey, R. *see* Phillips, H.M. 18318
Sauerbrey, R. *see* Toth, Cs. 20657
Sauerbrey, R.A. *see* Phillips, H.M. 10797
Saueressig, P. *see* Geiger, R. 34326
Sauermann, H. *see* Guntermann, M. 37751
Sauers, R.R. *see* Whitlock, J.B. 8771
Sauget, P., Bacha, A., Ndagijimana, F. Screening and coupling effects on antennas in a cavity 44406
Saugier, R. *see* Roden, S. 15141
Saul, J., Eschermann, B., Froessl, J. Two-level logic circuits using EXOR sums of products 10074
Saul, J. *see* Pearce, M. 41793
Saul, J.P. *see* Mizuta, H. 36749
Sauli, F. *see* Capeans, M. 24060
Saulnier, G. *see* van Vechten, D. 24131
Saulnier, G. *see* Zacher, R.A. 20193
Saulnier, G.G., Zacher, R.A., Fritz, G.G., Hunt, B., Leduc, H.G., Judas, A. NbN/MgO/NbN superconducting tunnel junctions as X-ray detectors 20203
Saulys, D. *see* Redwing, J.M. 41256
Saunders, C. *see* Jones, J.W. 40863
Saunders, D. *see* Martinez, K. 6370

Saunders, I. *see* Beaumont, S.P. 15637
Saunders, J. *see* Mikheev, V.A. 23931
Saunders, M.A. Major Cholesky would feel proud [linear programming] 41095
Saunders, P. *see* Marwick, A.D. 19448
Saunders, P.J. *see* Harrison, L.H. 39265
Saunders, R., Lopes, L. Performance of cellular radio systems with power control in varying shadow fading environments 45845
Saunders, S. No-frills hubs: stack 'em and save [stackable Ethernet hubs] 45561
Saunders, S. Full-duplex Ethernet: more niche than necessity? 45703
Saunders, S.R., Bonar, F.R. Prediction of mobile radio wave propagation over buildings of irregular heights and spacings 44367
Saunders, W.A., Lee, R.B., Atwater, H.A., Vahala, K.J., Flagan, R.C., Sercel, P.C. Heterogeneous reactions of GaAs quantum dots with organometallic precursors 9604
Saunier, P. *see* Yarborough, R. 1613
Saupe, R. *see* Funk, G. 39513
Saura, J. Gas-sensing properties of SnO_2 pyrolytic films subjected to ultraviolet radiation 31343
Saurai, H. *see* Koiwa, I. 23832
Saurenbach, F. *see* Bohm, C. 2645
Sausu Tang *see* Pu Liu 14255
Sauter, D., Fonte, C., Noura, H., Aubrun, C. Adaptive residual evaluation for fault detection and isolation regarding of model uncertainties 33420
Sauter, D. *see* Brie, D. 23572
Sauter, D. *see* Dorr, C. 24322
Sauter, J. Thermal reduction of NO_x in the flue gas of a glass melting plant 48494
Sauter, K.A. PCB technology: what's needed for further development 27351
Sauter, S.A. *see* Hackbusch, W. 41193
Sautereau, J. *see* Parra, T. 1643
Sautereau, J.F. *see* Amine, H. 27297
Sautriau, F. *see* Jacquemin, B. 25616
Sauv, K. *see* Hassaine, N. 5902
Sauvage, D. *see* Beker, H. 7152
Sauvage, D. *see* Dierickx, B. 24001
Sauvain, E., Pipoz, P., Shah, A., Hubin, J. Dependence of the light-induced degradation kinetics of photoconductivity and ambipolar diffusion length as a function of doping level in a-Si:H 34542
Sauvain, E. *see* Beck, N. 28595
Sauvain, E. *see* Drusedau, T. 27496
Sauvain, E. *see* Shah, A. 34539
Sauvan, M. *see* Buralli, B. 4271
Sauvan, M. *see* Buralli, B. 29341
Sauve, G., Moisan, M., Zakrzewski, Z. Slotted waveguide field applicator for the generation of long uniform plasmas 10388
Sauve, G. *see* Bounasri, F. 2128
Sauvestre, J.E. *see* De Filippo, E. 46876
Sauviac, B. *see* Proust, I. 29332
Sauzade, M. *see* Souza, M. 15815
Savage, J., Holden, A. Combination of two methods for isolated word speech recognition 4524
Savage, K.S. *see* Lewis, M.E. 39408
Savander, P. Microlens arrays etched into glass and silicon 35443
Savander, P. *see* Salminen, O. 21097
Savant, G., Jannson, T., Ho, Z.Z. Status of 3-D memory storage materials 20246
Savant, G. *see* Chen, R.T. 3371
Savant, G. *see* Hirsh, J. 20248
Savard, P., Hamel, L.-A., Martin, J.-P., Taras, P. An a-Si:H gas microstrip detector 31670
Savarese, C. *see* Bucci, O.M. 36094
Savari, S.A. Some notes on Varn coding 44709
Savari, S.A., Gallager, R.G. Arithmetic coding for finite-state noiseless channels 44701
Savaria, Y., Thibeault, C. An inexpensive method of detecting localised parametric defects in static RAM 10177
Savaria, Y. *see* Audet, D. 41992
Savaria, Y. *see* Audet, D. 43115
Savaria, Y. *see* Kermouche, R. 41985
Savary, P. *see* Suarez, A. 27298
Savchenko, A.Yu. *see* Bolshtyanskii, M.A. 12419
Savchenko, A.Yu. *see* Bolshtyansky, M.A. 3769
Savchenko, A.Yu. *see* Zel'dovich, B.Ya. 12341
Savchenko, O.Ya. Induction measurements of currents in a superconducting ring 35294
Savchenkov, N.V. *see* Babakov, M.F. 6099
Savel'ev, I.G. *see* Ber, B.Ya. 33624
Savel'ev, I.G. *see* Le Tuan 2015
Savel'eva, L.M. *see* Akishin, A.I. 10165
Savel'yev, V.A. *see* Aleksandrovich, S.V. 3229
Savereux, M. Wiring for high-speed networking 45587
Saviano, F. *see* Squillace, M. 25814
Savic, M., Stojkovic, Z. High voltage substation equivalent circuits in the lightning performance estimation 40381
Savilov, A.V. *see* Bratman, V.L. 3406
Savin, A.P., Vargin, G.P. Influence of the electric conduction of a holding medium on the anomalous effects in dipole induction grading 47243
Savin, D.D. *see* Babalow, A.F. 96
Savin, D.O. *see* Matvienko, A.N. 19216
Savin, S. *see* Young, K.G. 7242
Savin, S.K., Khrytan'kov, L.M., Kosarev, V.V. Determination of the parameters of radio-circuit components 22759
Savin, V.G. *see* Babaev, A.E. 39417
Savin, W. *see* Ravindra, N.M. 10740
Savina, T.V., Sternin, B.Yu., Shatalov, V.Ye. On the reflection formula for the Helmholtz equation 9368
Savini, A. *see* Barba, P.D. 3961
Savini, A. *see* Di Barba, P. 47919
Savino, M. *see* Andria, G. 4608
Savino, M. *see* D'Orazio, A. 20352
Savinov, V.P. *see* Ivanova, N.L. 11694
Savio, L. *see* Foss, S.D. 32895
Savio, S. *see* Firpo, P. 17566
Savio, S. *see* Mayer, L. 48354
Saviot, F., Mottay, E., Vampouille, M., Colombeau, B. Optical synthesis of a high-energy uniform and uniphase laser emission 20751
Savioz, J.-J. *see* Rossa, E. 15363
Savir, J. Skewed-load transition test—I: calculus 1191
Savir, J., Patil, S. Scan-based transition test 10094
Savir, J. *see* Patil, S. 1192
Savit, G. *see* Issogna, P. 6125
Savitskii, D.E. *see* Manichev, I.A. 12059
Savolainen, P. *see* Nappi, J. 35897
Savolainen, V. *see* Muravyov, S.V. 23411
Savoldelli, A. *see* Bartezzaghi, E. 48296
Savolyuk, A.M. Use of capacitance sensors with dielectric-coated electrodes for measuring the level of multi-layer media 31171
Savoy-Navarro, A. *see* Dell'Acqua, A. 46998
Savrie, M. *see* Antonelli, A. 24054
Savulescu, S.C., Oatts, M.L., Pruitt, J.G., Williamson, F., Adapa, R. Fast steady-state stability assessment for real-time and operations planning 32297
Savvateev, Yu.I., Markin, E.A. Statistical dynamics of quadrature interference self-compensator with allowance for signal at main input 4769
Savvina, R.M. *see* Aleksandrovich, S.V. 3229
Saw, J.C.B. *see* Cameron, T.P. 5743
Saw, J.C.B. *see* Hunt, W.D. 2746
Saw, J.C.B. *see* Hunt, W.D. 2758
Saw, J.C.B. *see* Hunt, W.D. 11445
Sawa, H. *see* Asai, S. 19231
Sawa, K. *see* Yamamoto, T. 42270
Sawa, S., Masuchi, T. Coupling efficiency of two anisotropic single-mode slab waveguides butt-joined by way of a gap 21364
Sawa, S. *see* Hotta, M. 3091
Sawa, S. *see* Hotta, M. 29270
Sawa, S. *see* Kominami, M. 29348
Sawa, S. *see* Minami, K. 4060
Sawa, S. *see* Ozaki, A. 21360
Sawa, T. *see* Yamazaki, T. 17130
Sawabe, T., Fujii, T., Fujii, T., Ono, S. Performance evaluation of super high definition image processing on a parallel DSP system 4952
Sawabe, T. *see* Fujii, T. 31152
Sawada, A. *see* Yamauchi, H. 26918
Sawada, A. *see* Yamauchi, H. 26951
Sawada, J. *see* Iyoda, I. 39551
Sawada, J. *see* Yamada, T. 25041
Sawada, K. Fundamental technologies—bit rate reduction coding of video signals 4861
Sawada, K., Furusawa, M. Precision calibration of echo sounder by integration of standard sphere echoes 7653
Sawada, K., Kayano, S. An evaluation of I_{DDQ} versus conventional testing for CMOS sea-of-gate ICs 2661
Sawada, K. *see* Yamauchi, H. 26918
Sawada, K. *see* Yamauchi, H. 26951
Sawada, M., Kometani, N., Ozawa, N., Yamada, S., Kagawa, H., Yamagishi, K., Enjoh, H., Koseki, Y. Development of p-channel MOSFET series 42953
Sawada, M. *see* Himeno, K. 35416
Sawada, M. *see* Sugihara, M. 48501
Sawada, R. *see* Watabe, A. 11890
Sawada, S. Picture quality improvement methods for wide aspect television 23280
Sawada, S. *see* Laubenbacher, C. 24249
Sawada, S. *see* Onoda, H. 10987
Sawada, T. *see* Ando, S. 11799
Sawada, T. *see* Ogasawara, S. 8790
Sawada, T. *see* Ogasawara, S. 40152
Sawada, Y. *see* Matsuura, T. 2186
Sawada, Y. *see* Mizugaki, Y. 42124
Sawada, Y. *see* Murota, J. 9651
Sawaguchi, A. *see* Toda, K. 301
Sawaguchi, A. *see* Toda, K. 31528
Sawahata, J. *see* Niwano, M. 27679
Sawai, H. *see* Koiwa, I. 1817
Sawai, K., Ueda, A., Nagayama, M., Iwakoshi, Y., Ohzuku, T. Advanced materials for innovative secondary lithium cells 40403
Sawai, K. *see* Morioka, Y. 16444
Sawai, M. *see* Murawala, P.A. 34627
Sawai, M. *see* Tani, Y. 27854
Sawai, T., Yonemura, R., Kishimoto, K., Kobayashi, Y. Development of a fiber-optic data link for vehicle navigation systems 37989
Sawai, Y. Construction of client-server computing system 22628
Sawaki, N. *see* Hacke, P. 19409
Sawaki, N. *see* Hirosawa, K. 658
Sawaki, T. *see* Shinohara, S. 15263
Sawamura, B., Radke, K. Future manned systems advanced avionics study COTS for space 39223
Sawan, M. *see* Wei, M. 47126
Sawano, H., Saito, S., Miyamoto, M. A study on self-supporting optical fiber cable with four fiber ribbons 6013
Sawano, H. *see* Kamikatano, N. 11597
Sawano, H. *see* Kurosawa, Y. 14316
Sawano, H. *see* Ueno, Y. 12173
Sawano, T. *see* Fujiwara, M. 45724
Sawanobori, N. *see* Saito, M. 28481
Sawant, N.M., Srinivasa, R.S. Interface states characterization by conductance measurements of Au/Cr Schottky barriers to sulfur-treated GaAs 34598
Sawant, S.R. *see* Patil, S.A. 19352
Sawaragi, H. *see* Reithmaier, J.P. 27656
Sawaya, K. *see* Yamaguchi, R. 29344
Sawaya, W., Bousquet, M. Multilevel trellis MPSK codes and rotationally invariant construction 21606
Sawchuk, A.A., Cheng, L., Forrest, S.R., Prucnal, P.R. Smart pixel optical computing architectures 20490
Sawchuk, A.A. *see* Cheng, L. 20447
Sawchuk, A.A. *see* Miller, A.S. 11732
Sawchuk, A.A. *see* Sadovnik, L. 36859
Sawchuk, A.A. *see* Wang, J.M. 21105
Sawczyn, T. *see* Basztura, C. 13071
Sawheny, H.S., Oliensis, J., Hanson, A.R. Image description and 3-D reconstruction from image trajectories of rotational motion 4789
Sawhney, B.K., Verma, S.S. Optimum power generation characteristics of an MHD generator with kerosene oil-heavy fuel oil mixture as working fluid 25346
Sawhney, H. Circumventing the centre: the realities of creating a telecommunications infrastructure in the USA 13932
Sawhney, H.S. *see* Coffey, W.P. 16652
Sawhney, P.S. *see* Rajagopal, R.S. 32575
Sawhney, R., Maheshwari, K.P. Thermal effects on the linear gain in backward wave oscillators 42374
Sawhney, R., Maheshwari, K.P., Choyal, Y. Effect of plasma on efficiency enhancement in a high power relativistic backward wave oscillator 34480
Sawicki, J.A. Longevity tests and background response of bubble neutron detectors 7268
Sawin, H.H. Challenges in dry etching: uniformity, selectivity, pattern dependencies, damage, and cleaning 27751
Sawin, H.H. *see* Arnold, J.C. 27735
Sawin, H.H. *see* Gray, D.C. 42713
Sawtell, R.R. *see* Premkumar, M.K. 368
Sawtell, R.R. *see* Premkumar, M.K. 18313
Sawtelle, S. *see* Fister, T. 23089
Sawyer, D. *see* Nigrin, S. 11304
Sawyer, D. *see* Taylor, J. 5694
Sawyer, J. *see* Annamalai, N.K. 34984
Sawyer, N. Reconfigurable FPGAs in 80 MHz systems 41789
Sawyer, P. *see* Wong, J.W. 15907
Sawyer, W.D. *see* Park, S.-C. 41229
Sawyers, G. The Signalling-AAL for B-ISDN 37578
Sax, H. The IGBT conquers the automotive ignition market 33123
Sax, H. Super smartpower. Premiere: microcontroller and power stage on one chip 41632
Saxce, T.de *see* de Saxce, T.
Saxe, J.B., Horning, J.J., Guttag, J.V., Garland, S.J. Using transformations and verification in circuit design 26578
Saxe, J.B., Horning, J.J., Guttag, J.V., Garland, S.J. Using transformations and verification in circuit design 33825
Saxe, J.B. *see* Anderson, T.E. 30397
Saxena, A.K., Benyon, R.P., Kumar, S., Guru Prasad, G. Near ideal metal rectifier contacts and some electronic properties of InP material 42545
Saxena, M. *see* Banerjee, P. 6821
Saxena, R. *see* Shrivastava, P.K. 9968
Saxena, R.N. *see* Carbonari, A.W. 10806
Saxena, V. *see* Pandya, T.P. 12262
Saxler, A., Kung, P., Sun, C.J., Bigan, E., Razeghi, M. High quality aluminum nitride epitaxial layers grown on sapphire substrates 18207
Saxon, D.H. *see* Foster, B. 31714
Saxon, G. *see* van der Geer, C.A.J. 15391
Saxtoft, C., Chidgey, P. Error rate degradation due to switch crosstalk in large modular switched optical networks 5640
Say, H.S. *see* Ching, Y.-C. 5892
Say Teng Lai, Nener, B.D., Alexiev, D., Butcher, K.S.A. Optical deep-level transient conductance characterisation of semi-insulating gallium arsenide treated with hydrogen plasma 27722
Sayago, I. *see* Dutronc, P. 6641
Sayago, I. *see* Gutierrez, F.J. 6636
Sayago, I. *see* Gutierrez, F.J. 6661
Sayah, D. *see* Mzerd, A. 34549
Sayama, H., Kimura, H., Ohno, Y., Satoh, S., Sonoda, K., Kotani, N., Takai, M. Charge collection control using retrograde well tested by proton microprobe irradiation 26941

Sayama, H., Kimura, H., Ohno, Y., Satoh, S., Takai, M. Soft error susceptibility mapping of DRAMs using a high-energy nuclear microprobe 10164
Sayama, H. *see* Ohno, Y. 34080
Sayama, K. *see* Maruyama, E. 33052
Sayama, K. *see* Terakawa, A. 17402
Sayed, M. *see* Georges, J.B. 30752
Sayer, M., Barrow, D., Zou, L., Vasant Kumar, C.V.R., Noteboom, R., Knapik, D.A., Schindel, D.W., Hutchins, D.A. Piezoelectric and capacitative microactuators and devices 28322
Sayer, M. *see* Barrow, D. 9691
Sayer, M. *see* Schindel, D.W. 16069
Sayer, M. *see* Schindel, D.W. 47298
Sayidmarie, K.H., Abbosh, A.M. Holographic prediction of ground multipath parameters from range gain patterns 4098
Sayigh, A.A.M. Renewable energy will meet the challenge in the year 2000 25103
Sayigh, A.A.M. *see* Nfaoui, H. 40063
Sayiner, N., Sorensen, H.V., Viswanathan, T.R. A new signal acquisition technique 10244
Sayko, M.S. *see* Marcotte, R.A. 31096
Saynajakangas, S. *see* Ruha, A. 47093
Sayood, K. *see* Shaolin Bi 30136
Sayrol, E., Nikias, C.L., Gasull, T. Image restoration using HOS and the Radon transform 5034
Says, L.P. *see* Aboubacar, A. 38802
Saysset, N. *see* Labat, N. 19887
Sazhin, S., Wild, P., Leys, C., Toebaert, D., Sazhina, E. The three temperature model for the fast-axial-flow CO_2 laser 3463
Sazhin, S., Wild, P., Sazhina, E., Makhlouf, M., Leys, C., Toebaert, D. Three-dimensional modelling of processes in the fast-axial-flow CO_2 laser 35696
Sazhin, S.V., Gorodyskii, A.V., Khimchenko, M.Yu. Lithium rechargeability on different substrates 25649
Sazhina, E. *see* Sazhin, S. 3463
Sazhina, E. *see* Sazhin, S. 35696
Sazonov, B.V. *see* Pobedonostev, A.S. 1796
Sazonov, D.M. *see* Batanov, A.S. 4334
Sazonov, V.V. *see* Zuyeva, E.Yu. 47168
Sazykin, V.G. Intellectualisation of CAD for power installations: structure of the information and concept of its processing 7885
Sberveglieri, G., Groppelli, S., Nelli, P., Perego, C., Valdre, G., Camanzi, A. Detection of sub-ppm H_2S concentrations by means of $SnO_2(Pt)$ thin films, grown by the RGTO technique 6660
Sberveglieri, G., Nelli, P., Benussi, G.P., Depero, L.E., Zocchi, M., Rossetto, G., Zanella, P. Enhanced response to methane for SnO_2 thin films prepared with the CVD technique 6632
Sbrana, G. *see* Sottini, S. 3791
Sbresny, H. *see* Ramsay, A.C.A. 41211
Sbrizzai, R. *see* La Scala, M. 16210
Sbrockey, N.M. *see* Bauer, R.A. 817
Sbuttoni, P.J. *see* Knox, M.E. 6135
Scace, R.I. Metrology—what next? [semiconductor manufacturing] 42609
Scafati, A. *see* Bollanti, S. 24124
Scafidi, P., Ignat, M., Dupeux, M. Mechanical stability of passivation films deposited on aluminium substrates 34817
Scaggs, T. *see* Hong, L. 4746
Scaife, J.M., Tozer, R.C., Freeston, I.L. Unreferenced imaging using an induced current electrical impedance imaging system 47089
Scala, M.La *see* La Scala, M.
Scala, N.La, Jr. *see* La Scala, N., Jr.
Scalcino, S. *see* Picciolo, G. 25980
Scales, N.R. *see* Payne, P.A. 47299
Scalf, B., Hendricks, A.J., Gilbert, B. Integration of remote meter reading and SCADA system functions 7877
Scalise, R. *see* Abbott, B. 7245
Scalkwyk, J., Vermeulen, P., Barnard, E. Speaker-independent vowel classification from inaccurate formant features 13164
Scallan, M.C. CASS factory integration 23434
Scalora, M. *see* Dowling, J.P. 35818
Scalvi, L.V.A., Degani, M.H. Substitutional donor related states and Au/Ge/Ni contacts to $Al_xGa_{1-x}As$ 1940
Scampamorte, M.Lubrano di *see* Lubrano di Scampamorte, M.
Scampoli, P. *see* Borer, K. 7221
Scandale, W. Nonlinear single-particle beam dynamics in circular machines 6984
Scandale, W. Activity in 1992 related to the design of the CERN Large Hadron Collider 38773
Scandale, W. *see* Guo, Z. 7021
Scandellari, A. *see* Leonardi, F. 8635
Scandola, F. *see* Bignozzi, C.A. 43640
Scandolo, S., Baldereschi, A. Tuning heterojunction band offsets by interface δ-doping 34585
Scandolo, S., Baldereschi, A., Capasso, F. Very large $|\chi^{(2)}(2\omega)|$ in the near infrared AlSb/GaSb-InAsSb/AlSb asymmetric quantum wells 36010
Scandrol, R.O. *see* Deluliis, N.J. 8131
Scanferlato, S. *see* D'Avanzo, B. 38900
Scanlan, J.V. *see* Johnson, P.C. 41442
Scanlon, L.G., Jr. *see* Kumar, B. 25650
Scanlon, P.J. *see* Shafai, C. 19530
Scannell, R.K., Spear, J.D. Developing multichip modules for a rapidly changing military technology market 9270
Scannepieco, J. *see* Madonna, R.G. 46082
Scarano, G., Corina, F., Neri, A., Jacovitti, G. Gaussian noise insensitive FIR system identification 13418
Scarano, G., Guidarelli Mattioli, A., Jacovitti, G. On DOA estimation based on higher order statistics 4736
Scarano, M. *see* Bucci, G. 40224
Scarano, M. *see* Di Stefano, R. 48317
Scarano, M. *see* Marino, P. 8954
Scarano, M. *see* Meo, S. 40111
Scarati, C., Lingua, B., Minerva, G., Calabrini, G. Radio coverage for cellular networks planning: a methodological approach 37871
Scarberry, R.E. *see* Zhen Zhang 29823
Scarchilli, G., Gorgucci, E., Chandrasekar, V., Seliga, T.A. Rainfall estimation using polarimetric techniques at C-band frequencies 16000
Scarchilli, G. *see* Chandrasekar, V. 7601
Scarciglia, L. *see* Compagnone, D. 6616
Scarff, L. *see* Maver, L. 7584
Scarff, P.L., Carey, M.B., Huff, J.E. An aging model for surface acoustic wave devices 20119
Scarioni, V. *see* Ceraolo, M. 48417
Scarioni, V. *see* Giglioli, R. 48308
Scarlassara, F. *see* Davids, C.N. 24115
Scarlassara, F. *see* Signorini, C. 31799
Scarlatella, A. *see* Conti, M. 15726
Scarlett, P. *see* Nohara, T.J. 23166
Scarlett, P. *see* Weber, P. 23198
Scarminio, J. *see* Passerini, S. 8743
Scarmozzino, R. *see* Ghandour, O.A. 34238
Scarmozzino, S.R. *see* Freiler, M.B. 10963
Scarnecchia, V. Physical vapor deposition for hermetic lids 397
Scarola, K. *see* Ridolfo, F. 16499
Scarpa, C. A recursive NTSC canceler to reduce co-channel interference into HDTV broadcasts 14797
Scarpa, F. *see* Facco, A. 15404
Scarpa, P. *see* Dubois, J. 25595
Scarpa, P.C.N. *see* Svatik, A. 35174
Scarpa, P.G. *see* Guilloux, C. 25566
Scarrott, G. *see* Ikpe, E.S. 6857
Scarsbrook, G.A. *see* Sussmann, R.S. 42395
Scarsi, L. *see* Agnetta, G. 31780
Scattergood, D.C. *see* McDonnell, D.G. 46552
Scavarda, M. *see* Bernardi, A. 14751
Scavarda, S. *see* Amara, M. 25545
Scavennec, A., Giraudet, L., Blanconnier, P., Post, G., Praseuth, J.P., Temmar, A. Devices and processes for integrated photoreceivers on InP 6029
Scavennec, A. *see* Berthier, P. 38122
Scavennec, A. *see* Bruno, A. 11884
Scavennec, A. *see* Hill, G.R. 6051
Scavennec, A. *see* Mesquida, G. 20575
Sceats, M. *see* Zhao, Y. 35359
Sceats, M.G. *see* Atkins, G.R. 43400
Sceats, M.G. *see* Canning, J. 35389
Scendrate, G. *see* Iliceto, F. 16924
Sch, K. RISC-microprocessors of type POWER from Apple, IBM and Motorola 26962
Schaaf, U., Beckert, K., Budicin, D., Eickhoff, H., Franzke, B., Hofmann, I., Kalisch, G., Nolden, F., Spadtke, P., Steck, M. Impedances and instability studies at the ESR 15359
Schaaf, U. *see* Franzke, B. 15382
Schaaf, U. *see* Hofmann, I. 7048
Schaaf, U. *see* Kalisch, G. 7047
Schaaf, U. *see* Nolden, F. 15490
Schaaf, U. *see* Steck, M. 7061
Schaafsma, D.T. *see* Christensen, D.H. 20831
Schaar, M.A. *see* Efe, K. 45584
Schaart, J.A. DAVINCI; renaissance of the network management??? A non-technical consideration 5360
Schaback, R. *see* Zong-Min Wu 41122
Schabe, H. *see* Deckers, J. 26258
Schacham, S.E., Mena, R.A., Haughland, E.J., Alterovitz, S.A. Reduced mobility and PPC in $In_{.20}Ga_{.80}As/Al_{.23}Ga_{.77}As$ HEMT structure 2596
Schacham, S.E. *see* Maimon, S. 34565
Schachenmann, A. *see* Eisele, K. 31520
Schacht, T. *see* Nalamasu, O. 11060
Schachter, L., Nation, J.A. Narrow pass-band high power TWT amplifier 1808
Schachter, L., Nation, J.A. Analytical method for studying a quasiperiodic disk loaded waveguide 4184
Schachter, L. *see* Davis, T.J. 1797
Schachter, L. *see* Kuang, E. 1807
Schacke, H. *see* Elsner, H. 28003
Schade, E. *see* Dullni, E. 8702
Schade, H. *see* Ackermann, F. 39364
Schade, U., Kollakowski, S., Bottcher, E.H., Bimberg, D. Improved performance of large-area InP/InGaAs metal-semiconductor-metal photodetectors by sulfur passivation 38515
Schade, U., Unger, B. Zinc-containing silica films: a spin-on diffusion source for zinc in InP 19510
Schade, U. *see* Malina, V. 19649
Schadlick, J., Ruesch, J. Calibrating flowmeters in the "Age of ISO 9000" 31195
Schadt, D. Compensation of dispersion and nonlinear effects by mid-distance phase conjugation 38023
Schadt, M. *see* Schmitt, K. 43490
Schaedeli, U., Muenzel, N., Holzwarth, H. 1,3-dioxolyl acetals as powerful crosslinkers of phenolic resin 11055
Schaefer, D.A. *see* Moravec, T.J. 315
Schaefer, F.J. VHDL applied to electronic system design 30538
Schaefer, J.A. The analysis of asymmetric logperiodic dipole antennas using NEC 44551
Schaefer, J.A. *see* Yunkin, V.A. 27757
Schaefer, R., Casasent, D., Ye, A. Optical morphological processors: gray scale with binary structuring elements, detection, and clutter reduction 30035
Schaefer, R., Murray, B. Automated test development for large arrays 10066
Schaefer, R., Murray, B. On-chip test structures and large ASIC test development. II. Automated test development for large arrays 18608
Schaefer, S.R., Swafford, W.J. Polymers modulators for broadband communications 43540
Schaefer-Enkeler, A. *see* Fischer, J.W. 8907
Schaeffer, H.H.A. *see* Honingh, C.E. 2885
Schaeffer, M. *see* Adam, W. 46929
Schaeffer, M. *see* Huhtinen, M. 7183
Schaerf, C. *see* D'Angelo, A. 6943
Schafer, B., Bostanjoglo, O. Tracing fast changing temperature on laser-pulsed metal surfaces by micropyrometry 31495
Schafer, B.L. *see* Hafner, F. 8911
Schafer, D. *see* Angert, N. 6905
Schafer, E., Smith, W., Lyman, D.D. HF overtone phase step resonator 28907
Schafer, E.L. *see* White, F.H. 28904
Schafer, H. *see* Xu Shanjia 4224
Schafer, I., Perkowski, M.A. Synthesis of multilevel multiplexer circuits for incompletely specified multioutput Boolean functions with mapping to multiplexer based FPGA's 26777
Schafer, J. Technologies of broadcast data distribution 23258
Schafer, J.H. *see* Bielesch, U. 11944
Schafer, K. *see* Hentschel, E. 40093
Schafer, P. *see* Jaeger, A. 19875
Schafer, R. Hierarchical digital broadcasting of TV and HDTV—the system approach of the $^{H}DTV_{T}$ project 31027
Schafer, R. Recent advances in digital transmission of HDTV 38271
Schafer, R. *see* Amor, H. 30992
Schafer, R. *see* Guillemot, C. 31009
Schafer, S. *see* Willson, R. 32701
Schafer, U. *see* Junge, G. 48310
Schafer, W. *see* Jahnke, F. 20877
Schafers, L., Scheidler, C., Kramer-Fuhrmann, O. TRAPPER: a graphical programming environment for embedded MIMD computers 48432
Schafers, M. *see* Cochlorius, E. 18794
Schaff, W. *see* Litvin, K. 1634
Schaff, W.J. *see* Chen, Y.-P. 18182
Schaff, W.J. *see* Hur, K.Y. 28192
Schaff, W.J. *see* LeTran, T.T. 42484
Schaff, W.J. *see* Wilson, P.H. 6501
Schaffa, F. *see* Patel, B. 14254
Schaffarczyk, A. *see* Bachelier, E. 8684
Schaffer, G. Improved ferrite biasing scheme for booster RF cavities 15492
Schaffer, G. Application of superconducting cavities to the collider rings of the SSC 15498
Schaffer, G. *see* Dondi, P. 24920
Schaffer, J.D. *see* Kumar, B. 25650
Schaffer, M.D., Biendit, J.C. Migrating resource commitment from mainframe to PC 39484
Schaffer, P.J. *see* Fisk, G.S. 32572
Schaffer, P.L. *see* Kooi, J.W. 43360
Schaffer, S.J., LaRue, W.W. BONeS DESIGNER: a graphical environment for discrete-event modeling and simulation 37545
Schaffler, F. Strained Si/SiGe heterostructures for device applications 42883
Schaffler, F. *see* Atzmon, Z. 19540
Schaffler, F. *see* Engelhardt, C.M. 42507
Schaffner, C. *see* Banos, J.C.M. 22377
Schaffner, F., Jungnickel, B.-J. The electric moment contribution to the piezoelectricity of PVDF 43174
Schaffner, J.H., Hayes, R.R., Joyce, R.L., Lewis, J.B., Pikulski, J.L., Huan-Wun Yen, Gee, C.M. Broadband microwave fiber optic link with a compact transmitter 45968
Schaffner, J.H., Lam, J.F., Gaeta, C.J., Tangonan, G.L., Joyce, R.L., Farwell, M.L., Chang, W.S.C. Spur-free dynamic range measurements of a fiber optic link with traveling wave linearized directional coupler modulators 46000
Schaich, P.C. *see* Clark, G.A. 22294
Schainker, R. *see* Nakhamkin, M. 33080
Schainker, R. *see* Nakhamkin, M. 33082
Schainker, R.B., Mehta, B., Pollak, R. Overview of CAES technology 33078
Schak, M. *see* Eversheim, P.D. 31625
Schaldach, M. *see* Bolz, A. 24345
Schalge, R., Mehta, B. The Alabama Electric compressed air storage cavern from planning to completion 33079
Schalkhammer, T. *see* Hawa, G. 6600
Schalkoff, R.J. *see* Liburdy, K.A. 5053

Schalkwijk, M. *see* Pieter, J. 12801
Schalkwyk, J.J.D.van *see* van Schalkwyk, J.J.D.
Schall, W.O. Experiments and modeling of iodine-oxygen mixing in supersonic COILs 35664
Schall, W.O., Tisch, B. The mixing problem in supersonic chemical oxygen-iodine lasers 12002
Schall, W.O. *see* Elior, A. 43744
Schaller, R.J. *(editor)* Reliability, Stress Analysis, and Failure Prevention - 1993. The 1993 ASME Design Technical Conference - 10th Biennial Conference 33250
Schalt, W. *see* Borsch, H. 15552
Schamalzel, J., Patel, P. VXI in the ATE lab 129
Schamel, G. Graceful degradation and scalability in digital coding for terrestrial transmission 31014
Schamel, G., Li, H. Frequency scanning in digital coding for HDTV broadcasting 38277
Schamel, G. *see* De Lameillieure, J. 14803
Schammler, G.K.H., Glaw, V., Chmiel, G. Comparison of the metallization of chemically and laser-etched structures in BPDA-PDA polyimide 17898
Schanen, J.L., Roudet, J., Barbaroux, J. Resonance and discontinuous current mode: two advantages to increase the power-frequency product 32915
Schank, P.K., Rowe, L.A. The design and assessment of a hypermedia course on semiconductor manufacturing 17766
Schanne, P. *see* Bouyer, J.P. 3662
Schanz, R. *see* Seibel, G. 32664
Schanzer, G. Operational aspects of the use of GPS for precision approach and landing 39327
Schanzle, E.F. Experiences with T-2 conductor 16389
Schapeler, G. *see* da Silva, L. 37291
Schapeler, G. *see* Hopfmuller, H. 14209
Schapeler, G. *see* Kehl, W. 37349
Schaper, C. *see* Moslehi, M.M. 28269
Schaper, L. *see* Andrews, D.L. 359
Schappert, G.T. *see* Taylor, A.J. 20625
Scharamentov, S.I. *see* Bylinsky, Yu.V. 7009
Scharcanski, J., Hovis, J.K., Shen, H.C. Representing the color aspect of texture images 29977
Schardt, C., Kinzy Jones, W. Cofired AlN pad grid MCM-C/D for high speed digital applications 17876
Schardt, P. *see* Genz, H. 15271
Scharenberg, R.P. *see* Hanger, J.A. 31668
Scharer, J. *see* Joe, J. 34479
Scharf, B. *see* Nouri, F. 11173
Scharf, J.E., Athan, S. Direct digital capture of pulse oximetry waveforms 7350
Scharf, L. Discrete semiconductors for 3 V mobile radio equipment 2389
Scharf, L. *see* Pettenpaul, E. 30654
Scharf, L.L. *see* Clark, M.P. 29615
Scharf, R., Kuntzsch, C., Helmreich, K., Wolz, W., Muller-Glaser, K.D. DRC-based selection of optimal probing points for chip-internal measurements 11264
Scharf, R., Wolz, W., Muller-Glaser, K.D., Seitzer, D. Reliable EBT fine positioning using correlation-based window adjustment 43047
Scharfe, W.D. *see* Heyn, H. 3753
Scharlemann, E.T. *see* Pellegrini, C. 44002
Scharli, U. *see* Kohler, W. 48025
Scharnweber, R., Matsuyama, T., Merkt, U. The characterization of p-type InAs for superconductor/semiconductor devices 34640
Scharpf, W.J., Boczar, B.P. Multi-mode 2.1 micron optical parametric oscillator based on walk-off compensated $LiNbO_3$ 29005
Scharpf, W.J. *see* Boczar, B.P. 44064
Scharpf, W.J., Jr., Boczar, B.P., Dewey, C.F. Analysis of a CdTe and CdMnTe quasi-phasematched optical parametric oscillator and amplifier 3877
Scharrer, J.A. An 8-gigasample-per-second modular digitizing oscilloscope system 38595
Scharstein, R.W. Mellin transform solution for the static line-source excitation of a dielectric wedge 36158
Schartinger, E.J. Refurbishing of a damaged end fitting sealface on CANDU reactors 16607
Schartz, L., Berlien, J. Rotary optical encoding using an integrated sensor array 14972
Schasfoort, R.B.M. *see* Severs, A.H. 23745
Schasfoort, R.B.M. *see* van Kerkhof, J.C. 47034
Schassberger, R. *see* Daduna, H. 5211
Schastlivyi, G.G., Titko, A.I., Stashkevich, V.I. Monitoring and prediction of nonsteady heating of stator winding rods in turbogenerators at varying loads 8292
Schatke, K. *see* Krost, A. 41292
Schattenburg, M.L., Polce, N.A., Smith, H.I., Stein, R. Fabrication of flip-bonded mesa masks for X-ray lithography 27978
Schattenburg, M.L. *see* Hector, S.D. 27990
Schattenburg, M.L. *see* Hector, S.D. 28024
Schattenburg, M.L. *see* Smith, H.I. 2299
Schattenburg, M.L. *see* Smith, H.I. 11271
Schatterny, C. *see* Bartzke, K. 38468
Schattke, W. *see* Stobbe, M. 34521
Schattner, P. *see* Gorfu, Y. 7413
Schattner, P. *see* Jensen, J.F. 7411
Schatz, A. *see* Henein, J. 14454
Schatz, R. *see* Kjellberg, T. 20848
Schatz, R. *see* Nilsson, S. 28864
Schatz, W. *see* Izatt, J.R. 12021
Schatz, W. *see* Lang, P.T. 15023
Schau, H. *see* Stade, D. 40674
Schau, P.von *see* von Schau, P.
Schaubert, D.H. Wide-bandwidth radiation from arrays of endfire tapered slot antennas 44624
Schauble, P. *see* Glavitsch, U. 13104
Schauer, F., Zmeskal, O. Temperature dependent SCLC in amorphous silicon 42438
Schauer, F. *see* Nesladek, M. 43611
Schauer, S. *see* Kai Zhang 653
Schauer, S.N., Flemish, J.R., Wittstruck, R., Landstrass, M.I., Plano, M.A. Phosphorus incorporation in plasma deposited diamond films 33739
Schaufelberger, W. *see* Glattfelder, A.H. 8232
Schaufele, R. *see* Hoffmann, E. 32252
Schaum, A. Theory and design of local interpolators 5121
Schaumburg, A. Power supply unit for travelling-wave tubes 45751
Schaus, C.F. *see* Paxton, A.H. 44010
Schechtman, G. *see* Peleg, D. 542
Scheckler, E.W., Neureuther, A.R. Models and algorithms for three-dimensional topography simulation with SAMPLE-3D 27713
Scheckler, E.W., Ogawa, T., Tanaka, T., Oizumi, H., Takeda, E. Simulation of AZ-PN100 resist pattern fluctuation in X-ray lithography, including synchrotron beam polarization 27862
Scheckler, E.W., Tam, N.N., Pfau, A.K., Neureuther, A.R. An efficient volume-removal algorithm for practical three-dimensional lithography simulation with experimental verification 19689
Schedler, E. *see* Holzer, W. 32782
Scheer, D.van der *see* van der Scheer, D.
Scheer, J. *see* Curio, G. 31884
Scheer, M., Wustefeld, G. Influence of a wavelength shifter on the performance of the synchrotron light source BESSY II 7034
Scheer, M. *see* Burkmann, K. 15463
Scheer, R., Walter, T., Schock, H.W., Fearheiley, M.L., Lewerenz, H.J. $CuInS_2$ based thin film solar cell with 10.2% efficiency 17401
Scheerer, D. *see* Abolhassan, F. 26933
Scheerer, J. *see* deFigueiredo, R.J.P. 39144
Scheermesser, T., Broja, M., Bryngdahl, O. Spectral constraints and their realization in image quantization 13478
Scheffe, B. *see* Ley, D. 38712
Scheffel, J.N. *see* Fazzio, D.P. 11481
Scheffer, F., Heedt, C., Reuter, R., Lindner, A., Liu, Q., Prost, W., Tegude, F.J. High breakdown voltage InGaAs/InAlAs HFET using $In_{0.56}Ga_{0.5}P$ spacer layer 28206
Scheffer, F. *see* Liu, Q. 33644
Scheffler, G. *see* Pernull, H. 6230
Schefter, T. *see* Willis, W. 23462
Schegner, P., Speh, R.M. Feasibility of new communications technique for plant control [power systems] 24826
Schegner, P. *see* Igel, M. 16450
Schehrer, K.L., Roe, M.G., Dobson, R.A. Rapid tracking of a human retina using a nonlinear joint transform correlator 38965
Schehrer, K.L. *see* Roe, M.G. 30117
Schehrer, R.G. On some early investigations of overflow systems and alternate routing networks in the F.R.G 5257
Scheib, S. *see* Bauerle, P. 26528
Scheibe, H.-J. *see* Schneider, D. 9855
Scheibengraf, J. *see* Enzensberger, G. 8951
Scheich, R., Roudet, J., Bigot, S., Ferrieux, J.P. Common mode RFI of a HF power converter: phenomenon, its modelling and its measurement 8595
Scheid, E. *see* Campo, E. 2547
Scheid, E. *see* Guillemet, J.P. 26496
Scheid, E. *see* Tounsi, A. 9732
Scheid, E. *see* Yahia Messaoud, A. 19588
Scheid, W. *see* Hauser, T. 46709
Scheidl, S. *see* Fabrizio, M. 42493
Scheidler, C. *see* Schafers, L. 48432
Scheidt, K., Loyer, F. ESRF synchrotron injector beam position monitor system 15450
Scheidt, K. *see* Loyer, F. 15447
Scheidtmann, E. *see* Chen, T.-R. 9226
Scheifele, J. Recovery of induction motors from slowdown due to line voltage drop 8374
Scheifers, S.M. *see* Raleigh, C.J. 34430
Scheil, G. Operation of a 300 MW unit with flue gas desulphurization plant fans with outage of the induced draught due to a fault 47731
Schein, L.B., Beardsley, G. Offset quality electrophotography 12531
Scheinberg, N., Michels, R. A monolithic GaAs low power L-band successive detection logarithmic amplifier 42242
Scheiner, B. *see* Paolella, A. 6132
Scheithauer, U. *see* Bruchhaus, R. 9692
Scheiwiller, P.M. *see* Choquet, B. 6210
Schejbal, V., Capalini, R., Gotz, J., Konecny, J., Kupcak, D., Kvitek, E., Remta, F. Czech radar technology 30865
Schelbert, P.G., Burmeister, W.J., Belkerdid, M.A. Noncoherent spread spectrum receiver with joint detection and synchronization using modified matched FIR filters 14387
Schell, B.A. *see* Gabor, A.H. 11008
Schell, C.M., Lasky, F.P. A miniaturized tester for detecting weak individual cells in Ni/Cd batteries 40434
Schell, K.T. *see* Knudsen, P.D. 34370
Schell, M., Huhse, D., Bimberg, D. Generation of short (3.5 ps) low jitter (<100 fs) light pulses with a 1.55 μm tunable twin guide laser 35798
Schell, M., Huhse, D., Bimberg, D. Generation of 2.5-ps light pulses with 15-nm wavelength tunability at 1.3 μm by a self-seeded gain-switched semiconductor laser 43882
Schell, M., Huhse, D., Bimberg, D. Picosecond pulse generation with a 1.55 μm tunable twin guide laser using blue-chirp compression 43901
Schell, M. *see* Huhse, D. 28829
Schell, S.V., Gardner, W.A., Murphy, P.A. Blind adaptive antenna arrays in cellular communications for increased capacity 14485
Schellekens, H., Shang, W., Lenstra, K. Plasma sprayed contact materials for vacuum interrupters 40361
Schellekens, H., Shang, W., Lenstra, K. Vacuum interrupter design based on arc magnetic field interaction for horseshoe electrode 40362
Schellekens, H. *see* Shang, W. 40363
Schellekens, H. *see* van Gestel, R. 33410
Schellenberg, J.M. *see* Chen, C.H. 1612
Scheller, G.R. *see* Gregus, J.A. 10914
Schellhorn, M. *see* von Bulow, H. 11957
Schellin, R., Mohr, R. A monolithically-integrated transistor microphone: modelling and theoretical behaviour 6434
Schellin, T.E. *see* Wastling, M.A. 40066
Schellman, H. *see* Auchincloss, P.S. 46953
Schellman, H. *see* Kinnel, T.S. 38880
Schellong, W. *see* Maass, V.R. 47740
Schellstede, G., Conrad, T. Network management functions for load flow/demand side management 16199
Schelten, J. *see* Kanyo, M. 7192
Schemmann, B. *see* Diel, W. 8669
Schempp, A. *see* Amendola, G. 15300
Schempp, A. *see* Angert, N. 6905
Schempp, A. *see* Barth, W. 15545
Schempp, A. *see* Chen Chia-Erh 15520
Schempp, A. *see* Deitinghoff, H. 31557
Schempp, A. *see* Fang, J.X. 15521
Schempp, A. *see* Friedrich, J. 15302
Schempp, A. *see* Grieser, M. 15303
Schempp, A. *see* Kleffner, C.-M. 15524
Schempp, A. *see* Sarstedt, M. 15329
Schena, A. *see* Falciai, R. 3036
Schenck, P.K. *see* Bennett, K.W. 35143
Schenck, P.K. *see* Vaudin, M.D. 11374
Schenck, S. *see* Ko, U. 18665
Schenk, G. *see* Gfirtner, H. 24168
Schenk, J. *see* Belvaux, A. 25030
Schenker, P. *see* Lee, S. 22228
Schenker, R. *see* Hutchinson, J. 27806
Schennach, S. *see* Jennewein, E. 23963
Schenner, R. *see* Rajic, Z. 24906
Scheno, P.J. *see* Madonna, R.G. 46082
Schep, T.J. *see* Eecen, P.J. 43701
Schep, T.J. *see* van Werkhoven, G.H.C. 43990
Schepler, K.L., Smith, B.D., Heine, F., Huber, G. Passive *Q*-switching and mode locking of 2-μm lasers 20711
Schepper, L.De *see* De Schepper, L.
Scheps, R. Low-threshold dye laser pumped by visible laser diodes 35703
Scheps, R., Myers, J.F. Efficient, scalable, internally folded Nd:YAG laser end-pumped by laser diodes 12051
Scheps, R., Myers, J.F. Scalable, internally folded Nd:YAG laser end-pumped by laser diodes 20709
Scheps, R., Myers, J.F. Performance of a diode-pumped laser repetitively Q-switched with a mechanical shutter 43784
Scheps, R., Myers, J.F., Payne, S.A. End-pumped Yb-doped fluorapatite laser 43776
Scher, M.S. *see* Mingui Sun 7433
Scherer, A. *see* Schnitzer, I. 11862
Scherer, A. *see* Schnitzer, I. 20563
Scherer, A. *see* Song, J.I. 20792
Scherer, D. Measurement tools for digital video transmission 46167
Scherer, J. Telecommunications law and policy under the Maastricht Treaty 30269
Scherer, J. *see* Swanstrom, J. 38400
Scherer, J.A., Willems, J.L. Evaluation of 12-lead ECG synthesis using analysis measurements in 240 patients 15862
Scherer, K., von Bogel, G. Expensive redesign cycle is avoidable [gate arrays] 18676
Scherer, K.R. *see* Pittam, J. 13061
Scherer, R. *see* Bayraktaroglu, B. 10439
Scherer, R. *see* Bayraktaroglu, B. 27204
Scherf, U. *see* Leising, G. 35598
Scherg, M., Buchner, H. Somatosensory evoked potentials and magnetic fields: separation of multiple source activities 31942
Scheri, R.C. *see* Groshens, T.J. 41474
Schermann, M., Schroedl, M. Methods of generating the voltage space-vector by fast real-time pulsewidth modulation 17018
Scherpke, G. *see* Ashoub, N. 33799
Scherrer, D. *see* Laskar, J. 5858
Scherrer, D.P. *see* Kneubuhl, F.K. 11954
Scherrer, D.P. *see* Knittel, J. 35682

Scherrer, J.-R., Spahni, S. New opportunities for processing the OSI-7 layer protocols using parallel processing (transputers) 30480
Scherson, D. *see* Sarangapani, S. 17302
Scherson, D.A. *see* In Tae Bae 17299
Scherz, C.J. *see* Kowal, B.W. 39164
Scherzer, O. Convergence rates of iterated Tikhonov regularized solutions of nonlinear ill-posed problems 26363
Scherzer, O. A parameter choice for Tikhonov regularization for solving nonlinear inverse problems leading to optimal convergence rates 41057
Schettini, R. Recognition and location of two-dimensional partially occluded objects 13792
Schettini, R. Low-level segmentation of complex color images 15835
Schettler, H., Liu, J., Weppner, W., Huggins, R.A. Investigation of solid sodium reference electrodes for solid-state electrochemical gas sensors 6649
Schettler, H. *see* Kehr, M. 32628
Schettler, H. *see* Schuster, H. 47702
Schetzina, J.F. *see* Lansari, Y. 11675
Schetzina, J.F. *see* Ren, J. 11886
Schetzina, J.F. *see* Yu, Z. 12252
Scheuerer, F. *see* Bunzel, E. 40159
Scheuerer, F. *see* Peiffer, W. 36678
Scheuerer, K., Goubeau, A. The BMW E1—a purpose designed electric vehicle 48221
Scheuing, E.E. *see* Chiang-nan Chao 40849
Scheunemann, H.-U. *see* Stauch, H. 28023
Schewe, J.E. *see* Voytas, P.A. 31641
Schiano, M. *see* Galtarossa, A. 46023
Schiano, M. *see* Iannone, E. 37987
Schiattone, F. *see* Morasca, S. 11627
Schiavini, G. *see* Campi, D. 23056
Schiavini, G. *see* Morasca, S. 11627
Schiavon, P. *see* Bocciolini, M. 24082
Schiavone, G.A., O'Neill, K., Paulsen, K.D. H-polarized scattering from single and multiple elongated cavities 21214
Schiavone, L. *see* Ovadia, S. 28881
Schiavoni, A. *see* Cerri, G. 34339
Schiavoni, A. *see* Cerri, G. 42289
Schiavoni, A. *see* Diaz, J. 33268
Schiavoni, R.M. *see* Wisniewski, J.B. 32571
Schiavoni, S. *see* de Romemont, O. 22451
Schibuya, N. *see* Takahashi, T. 21280
Schichang Zou *see* Zou Schichang
Schick, D.R. Phase-aligned carriers improve IMD measurements 38667
Schick, G., Tellefsen, K.A., Wieczorek, C.J., Kanen, R.M., Johnson, A.J. Hydrogen-caused signal attenuation in buried optical fiber cables 6021
Schicker, S.R. *see* Phillips, N.J. 36055
Schicker, S.R. *see* Rallison, R.D. 36054
Schickfus, M.von *see* von Schickfus, M.
Schidlack, E. *see* Witte, F.-O. 1255
Schiebel, R.A., Blanks, D., Bartholomew, D., Kinch, M.A. Evidence for 1/f noise in diffusion current due to insulator trapping and surface recombination velocity fluctuations 11133
Schieck, H.Paetz gen. *see* Paetz gen. Schieck, H.
Schiefer, P. A novel VLSI-architecture for motion-estimation: the picture processing RAM 13652
Schiek, B. *see* Heuermann, H. 31090
Schiek, B. *see* Heuermann, H. 31403
Schiek, B. *see* Muhlhaus, V. 31173
Schiek, R. Nonlinear refraction caused by cascaded second-order nonlinearity in optical waveguide structures 3762
Schieke, P., du Plessis, M. Lateral gate bias effects in resistive gate NMOS transistors 19832
Schiel, F. Phonetically seeded SCHMM of variable length for speaker independent recognition of isolated words 4556
Schiel, F. A new approach to speaker adaptation by modelling the pronunciation in automatic speech recognition 13034
Schiel, F. A new approach to speaker adaptation by modelling pronunciation in automatic speech recognition 29504
Schiele, W., Kruger, T., Utesch, M.C. Insertion of jog series in layout compaction 9886
Schiemann, T. *see* Schubert, R. 15770
Schienger, D.L. Paradigm shifts—the end of AMR? 8023
Schienle, M. *see* Acklin, B. 35484
Schienle, M. *see* Heise, G. 20380
Schienle, M. *see* Muller, G. 35476
Schier, M., Way, J., Holt, B. Applications of the EOS SAR to monitoring global change 47236
Schier, M. *see* Bauer, J.G. 35572
Schierbaum, K.D., Gopel, W. Functional polymers and supramolecular compounds for chemical sensors 26527
Schierenbeck, H.P. The future role of regenerative energies from the viewpoint of a regional electricity supply undertaking 32218
Schiess, M. Chirp and dispersion compensation in nonlinear fibers for high bit-rate IM/DD systems 38104
Schiesser, T., Komm, R. Double side double pass IR reflow processing for mixed technology boards 42301
Schiesser, W.E. *see* Shih, H.-J. 46767
Schiessl, M. *see* Ivers-Tiffee, E. 17371
Schiessl, U. *see* Agne, M. 35861
Schiewe, C. *see* Engel, F. 15004
Schiff, E.A. *see* Han, D. 3316
Schiff, E.A., Thompson, M.J., Madam, A., Tanaka, K., LeComber, P.G. *(editors)* Amorphous Silicon Technology - 1993 Symposium 17746
Schiffel, R. Better winding, easier soldering, environmentally friendly material: RM coil formers of blue alkyd 35244
Schiffler, W. Aspects of digital television studio operation in a 16:9 aspect ratio technical environment 23298
Schiffmann, K. *see* Weber, A. 41476
Schiffmann, K.I. Investigation of fabrication parameters for the electron-beam-induced deposition of contamination tips used in atomic force microscopy 27449
Schiffner, K. Audio-analyzer UPD, the multiple talent in the analog and digital signal world 31069
Schifres, Y. Results of the Detailed Spectrum Investigation (DSI) 14749
Schigel, S.S. *see* Zalkind, V.I. 25725
Schigel, S.S. *see* Zalkind, V.I. 25726
Schijndel, R.A.Van *see* Van Schijndel, R.A.
Schijvenaars, R.J.A., Kors, J.A., van Bemmel, J.H. Reconstruction of repetitive signals 39068
Schild, R. *see* Mann, K. 3749
Schildberg, S. *see* Bahl, S.R. 28187
Schilfgaarde, M.Van *see* Van Schilfgaarde, M.
Schilit, B.N. *see* Adams, N. 23025
Schiller, C.M. *see* Mitchell, P.V. 3279
Schiller, H., Hotter, M. Investigations on colour coding in an object-oriented analysis-synthesis coder 4871
Schiller, P. *see* Polla, D.L. 11410
Schiller, S., Byer, R.L. Quadruply resonant optical parametric oscillation in a monolithic total-internal-reflection resonator 3817
Schiller, S. *see* Fiedler, K. 12379
Schilli, B. *see* Schwab, A.J. 209
Schilling, D.L. Broadband-CDMA: a PCS wireless technology to achieve wireline quality and maximize spectral efficiency 45785
Schilling, D.L. *see* Lomp, G.R. 14492
Schilling, G., Ernst, W.E., Schwentner, N. Third harmonic generation in rare gas solids 36012
Schilling, H.-D. Prospects for power plant technology 39686
Schilling, L. *see* Dwayne Miller, R.J. 20723
Schilling, M., Goerke, F., Merkt, U. Laser deposition of epitaxial $YBa_2Cu_3O_7$ films with low droplet densities 737
Schilling, M., Idler, W., Baums, D., Dutting, K., Laube, G., Wunstel, K., Hildebrand, O. 6 THz range tunable 2.5 Gb/s frequency conversion by a multiquantum well Y laser 12171
Schilling, M. *see* Baums, D. 3842
Schilling, M. *see* De Weck, J.P. 5823
Schilling, M. *see* Hofmann, M. 28866
Schilling, M. *see* Lach, E. 28877
Schilling, M. *see* Wunstel, K. 30577
Schilling, M.L. *see* Taylor, G.N. 28033
Schillinger, H. *see* Baumhacker, H. 35655
Schilz, A. *see* Huggard, P.G. 35543
Schilz, J., Helios, R., Ziegler, J. Influence of SiO_2 surface passivation on carrier lifetimes in n-type $Hg_{0.7}Cd_{0.3}Te$ 27476
Schilz, J., Thompson, J. Ohmic contacts to p-type $Hg_{0.3}Cd_{0.7}Te$ by metalorganic chemical vapour deposition of HgTe 1927
Schilz, J. *see* Pixius, K. 10682
Schima, F.J. *see* Coursey, B.M. 38854
Schimpe, R. *see* Bauer, B. 43936
Schimpe, R. *see* Ebberg, A. 6063
Schimpf, M.J. *see* Harris, F.M. 40449
Schina, G. *see* Bollanti, S. 24124
Schina, G. *see* Bollanti, S. 35937
Schina, G. *see* Letardi, T. 20623
Schinagl, E. *see* Hartmann, D. 32456
Schinca, D. *see* Duchowicz, R. 43732
Schindel, D.W., Hutchins, D.A., Zou, L., Sayer, M. Capacitance transducers for generating ultrasonic fields in liquids and gases 47298
Schindel, D.W., Zou, L., Hutchins, D.A., Sayer, M. Capacitance devices for the generation of airborne ultrasonic fields 16069
Schindel, D.W. *see* Sayer, M. 28322
Schindler, E.S. *see* Price, J.V. 8185
Schindler, H.R. *see* Zurfluh, E.A. 5466
Schindler, K. *see* Staupendahl, G. 11940
Schindler, R. *see* Hartiti, B. 48122
Schindler, R.N. *see* Popkirov, G.S. 14891
Schindler, Z. *see* Dolezal, J. 32380
Schinzel, P., Pfaff, A., Dippon, T., Fischer, T., Armstrong, A.R. Design of a 3-GHz pulse generator 23763
Schiper, A., Sandoz, A. Uniform reliable multicast in a virtually synchronous environment 45356
Schipper, J. *see* O'Shaughnessy, K. 47008
Schipper, W.J., Hamelink, J.J., Langeveld, E.M., Blasse, G. Trapping of electrons by H^+ in the X-ray storage phosphor $Ba_3(PO_4)_2:Eu^{2+}$, La^{3+} 3325
Schippers, J.M. *see* Paans, A.M.J. 15733
Schippert, M. *see* Jiye Ximen 1820
Schirber, L. *see* Roe, M.G. 30117
Schirk, R. *see* Dauk, J. 15315
Schirm, K.M., Soukiassian, P., Mangat, P.S., Soonckindt, L. Schottky-barrier and interface formation of Cs/GaSb(110) and Rb/GaSb(110) at room temperature 42560
Schirmacher, W., Fritzsche, H.-T., Kempter, R. Quantum oscillations of the hopping magnetoconductivity in doped semiconductors: the influence of compensation 1823
Schirmann, D. *see* Mens, A. 6596
Schirmer, B.D. *see* Chen, J.D.Z. 15841
Schirone, L., Califano, F.P., Pastena, M. Fault detection in a photovoltaic plant by time domain reflectometry 32788
Schirone, L. *see* De Cesare, G. 31298
Schirone, L. *see* de Cesare, G. 31312
Schirripa Spagnolo, G., Paoletti, D., Bagini, V., Gori, F., Santarsiero, M. ESPI contouring with Fourier analysis in artwork diagnostics 12491
Schirripa Spagnolo, G. *see* Facchini, M. 899
Schirripa Spagnolo, G. *see* Paoletti, D. 23649
Schirripa Spagnolo, G. *see* Paoletti, D. 41545
Schirrmeister, F. *see* Muller, K. 38278
Schlachetzki, A. *see* Hahn, D. 35621
Schlachetzki, A. *see* Zwinge, G. 18175
Schlacks, E.L. Room occupancy sensors revisited [energy conservation] 8998
Schlaf, R., Tiefenbacher, S., Lang, O., Pettenkofer, C., Jaegermann, W. van der Waals epitaxy of thin InSe films on $MoTe_2$ 33616
Schlafer, J. *see* Zou, Y. 12111
Schlag, E. *see* Pohlmann, W. 14635
Schlag, E. *see* Wedding, B. 45913
Schlag, M., Kong, J., Chan, P.K. Routability-driven technology mapping for lookup table-based FPGA's 26893
Schlag, M.D.F. *see* Chan, P.K. 33966
Schlager, J.B., Hale, P.D., Franzen, D.L. High-sensitivity optical sampling using an erbium-doped fiber laser strobe 20966
Schlager, R.J., Durham, M.D., Kertamus, N.J. Evaluation of power plant NO_x control systems using a continuous nitric oxide and ammonia slip monitor 16654
Schlang, M. *see* Tresp, V. 4639
Schlang, M.F., Tresp, V., Abraham-Fuchs, K., Harer, W., Weismuller, P. Neural networks for segmentation and clustering of biomagnetical signals 7349
Schlange, L.E. Problems and prospects of the Swiss electricity industry 24782
Schlange, L.E. Procedure in the construction of a sensitivity model. II [electricity supply industry] 24783
Schlangen, M.J. *see* Winter, E.M. 32111
Schlangenotto, H., Fullmann, M. A hybrid fast power diode with strongly improved reverse recovery 2433
Schlapbach, L. *see* Zuttel, A. 17190
Schlatmann, R. *see* Louis, E. 26510
Schlatter, A. SwissNet installation technology. I 5606
Schlauri, R. *see* Blattler, A. 22725
Schlechte, R. *see* Hein, B. 30559
Schlechtweg, M., Tasker, P.J., Haydl, W. Design and characterisation of MMICs in coplanar waveguide technology up to 80 GHz 42234
Schlechtweg, M., Tasker, P.J., Reinert, W., Braunstein, J., Haydl, W.H., Lohrmann, W. High gain CPW MMIC amplifiers and waveguide modules for V-band applications 19143
Schlechtweg, M. *see* Braunstein, J. 19142
Schlechtweg, M. *see* Braunstein, J. 27263
Schlechtweg, M. *see* Haydl, W.H. 27260
Schlechtweg, M. *see* Hulsmann, A. 27315
Schlechtweg, M. *see* Tasker, P.J. 6768
Schlechtweg, M. *see* Tasker, P.J. 31401
Schlegal, C. *see* Linder, T. 36517
Schlegel, K. *see* Haldoupis, C. 24487
Schlegel, L. *see* Hattori, T. 11031
Schlegel, L. *see* Hattori, T. 11059
Schleich, D.M. *see* Dominey, L.A. 48090
Schleicher, J., Tygel, M., Hubral, P. 3-D true-amplitude finite-offset migration 15977
Schleicher, J. *see* Tygel, M. 47232
Schleicher, M. *see* Heydrich, M. 37675
Schleicher, R.W. Jr., Kennedy, A.J. Potential applications of high temperature helium 39844
Schleijpen, H.M.A., Craje, M.W.J., Eisses, S.M. High resolution spectroscopy in the field 32083
Schleisman, A. *see* Numata, K. 10163
Schlenk, M.R. Design of a resonant transformer 32934
Schlenk, W. *see* Gratsch, B. 37634
Schlereth, A. Compensation of co- and adjacent-channel interference in FM receivers 46192
Schlesinger, T.E. *see* Burton, R.S. 20386
Schlesinger, T.E. *see* Burton, R.S. 43469
Schley, P., Kissinger, G., Barth, R., Ehwald, K.-E. The influence of oxidation induced stacking faults on electrical parameters of a CCD device 23725
Schlichthorl, G. *see* Wunsch, F. 6510
Schlichting, A. *see* Bolle, S. 47441
Schlichting, R.D. *see* Homer, P.T. 15954
Schlichting, W., Milster, T.D., Wang, M.S., Brucker, C. Signal and noise with a magnetic circular dichroism detection system in optical data storage 35313

Schliep, F., Garus, D., Hereth, R. Polarisation dependence of the phase shift of 2×2 singlemode fibre directional couplers 28445
Schlier, G. Service quality in the network 6324
Schlindwein, F.S. *see* Dahnoun, N. 33272
Schlitz, D.J. *see* Garimella, S.V. 26187
Schloss, W., Jaffe, D.A. Intelligent musical instruments: the future of musical performance or the demise of the performer? 14857
Schlosser, E. *see* Krumpholz, O. 5881
Schlosser, H. *see* MacDonald, S.A. 11073
Schlosser, T. *see* Utzmeier, T. 42500
Schlote, J., Hinrich, S., Kuck, B., Schroder, K.-W. Topological effects regarding trench structures covered with LPCVD and PECVD thin films 26478
Schlott, R. Bandwidth allocation in an IBCN queueing system with quasirandom input 37603
Schlott, V. *see* Auerhammer, J. 43978
Schlucking, U. *see* Handschin, E. 47424
Schluessel, P. *see* Schulz, J. 32092
Schlueter, J. *see* Actor, G. 10985
Schlueter, R.A. Unification and classification of algebraic tests for loss of voltage stability 7718
Schlueter, R.D. *see* Halbach, K. 46744
Schlurscheid, M. *see* Rogne, T. 1031
Schluter, B. *see* Fohrmann, F. 8673
Schluter, C. *see* Czech, G. 28048
Schluter, R. Taking plant tours at your desk [nuclear plant surrogate travel] 14833
Schmaedeke, W. Information based sensor management 4755
Schmal, D., van Duin, P.J. A method for the calculation of the minimum fuel cell system volume 48394
Schmal, D. *see* Saakes, M. 25653
Schmal, D. *see* Saakes, M. 25654
Schmale, B. HDTV subband coding with pelwise adaptive quantization 38296
Schmalhausen, V.I. *see* Vorontsov, M.A. 3757
Schmalz, K. *see* Morgenstern, T. 18294
Schmalz, M.S. On the parallel processing of runlength-encoded (RLE) Boolean imagery. 1. RLE transformation arithmetic, and global-reduce operations 5092
Schmalz, M.S. On the parallel processing of runlength-encoded (RLE) Boolean imagery. 2. Linear transformations and high-level image operations 5093
Schmalzel, J.L. *see* Patel, P. 960
Schmandt, C. *see* Hindus, D. 29537
Schmatjko, K.J., Tenckhoff, E. Materials science and engineering for electric power generation—success by cooperation 32730
Schmatz, U. *see* Gautheron, B. 6637
Schmaul, B., Zhang, X.X., Villaverde, A.B., Bass, M., Pham, A., Chai, B.H.T. Spectroscopy and lasing performance of Er-doped $LiYF_4$ and KYF_4 20737
Schmautzer, E. *see* Sakulin, M. 48483
Schmeichel, E.F. *see* Hakimi, S.L. 508
Schmeider, D.E. *see* Doll, T.J. 16106
Schmeidl, T. *see* Pollakowski, M. 7655
Schmeidl, T. *see* von Bernus, L. 16085
Schmeiser, C. A model for the transient behaviour of long-channel MOSFETs 42945
Schmeiser, C., Unterreiter, A., Weiss, R. The switching behavior of a one-dimensional *pn*-diode in low injection 2420
Schmeits, M., Sakhaf, M., Munnix, S. Defect-related generation-recombination region in heterojunction diodes 19739
Schmeits, M. *see* Martinez, R. 34595
Schmell, R.A. *see* Byrd, D.A. 27839
Schmeller, A. *see* Hertel, G. 42520
Schmeller, A. *see* Lettau, C. 42517
Schmelzbach, P.A. ECR ionizers and operating experience at PSI 31619
Schmelzer, H.J. Quality controlling in product planning and development. I 40890
Schmelzer, H.J. Quality controlling in product planning and development. II 40891
Schmelzer, M. *see* Bauerle, P. 26528
Schmerbeck, T.J. *see* Swart, D.P. 28389
Schmerge, J.F., Lewellen, J.W., Harris, J., Huang, Y.C., Feinstein, J., Pantell, R.H. An accelerator/wiggler for high efficiency FEL operation 44006
Schmerr, L.W. *see* Sung-Jin Song 921
Schmerr, L.W., Jr. *see* Song, S.-J. 907
Schmickler, H. *see* Bailey, R. 15273
Schmickler, H. *see* Buur, G. 7082
Schmickler, L. Q3 interface specification at the access network for the management of V5 interfaces and associated user ports 37338
Schmickler, L. Generation of the specification for a Q3 interface, with special reference to optical local area communications network 45502
Schmid, A. *see* Korenic, E.M. 44033
Schmid, C. *see* Crowley, J.L. 36918
Schmid, D. *see* Stewart, R.W. 24529
Schmid, H. *see* Eichler, H.J. 20243
Schmid, H. *see* Shedd, G.M. 1819
Schmid, M., Weyh, T., Meyer, B.-U. Development, optimization and testing of new devices for magnetomotive nerve fibre stimulation 47032
Schmid, O., von Winterfeld, C. Using artificial neural networks for polarimetric classification of simple scatterers 6121
Schmid, R. ISDN—from theory to practice 14265
Schmid, R., Truskowski, T. Calculation of colour contrasts for picture processing 22021
Schmid, R. *see* Brunner, M. 40934
Schmid, R.D. *see* Wittmann, C. 7642
Schmid, S.R. *see* Chawla, C.P. 35372
Schmid, U. *see* Drmota, M. 37108
Schmid, W.E. *see* Fuss, W. 11942
Schmid, W.E. *see* Fuss, W. 11958
Schmidek, C. Wireless communication gaining ground 14134
Schmidinger, J. *see* Markgraf, B. 25241
Schmidmaier, R. *see* Sebald, G. 14415
Schmidt, A., Forchel, A., Faller, F., Itskevich, I.E., Vasiliev, A. Optical characterization of InGaAs/GaAs quantum dots defined by lateral top barrier modulation 42512
Schmidt, B. 75 years of electrical and electronic devices in motor cars 25912
Schmidt, B. *see* Verbitskaya, E. 24077
Schmidt, B. *see* Verbitskaya, E.M. 46859
Schmidt, B.G. *see* Myers, E.G. 31642
Schmidt, B.L. *see* Chapman, C.L. 40964
Schmidt, C. *see* Braun, T. 14167
Schmidt, C.E. *see* Delleney, R.D. 8177
Schmidt, D.E., Lee, J.E. Integration of a County and City GIS over fiber-optic LAN 14126
Schmidt, D.M. *see* Alexander, J.P. 24110
Schmidt, D.N. *(editor)* Proceedings of the Symposium on Contamination Control and Defect Reduction in Semiconductor Manufacturing I 66
Schmidt, E. The 'Alpha' microprocessor from DEC company 41923
Schmidt, E. *see* Bachler, J. 46934
Schmidt, E. *see* Koch, G. 16447
Schmidt, E. *see* Leuschner, R. 11101
Schmidt, E. *see* Tong, Q.-Y. 27614
Schmidt, E.G. *see* Lisovskii, I.P. 42590
Schmidt, F. An adaptive approach to the numerical solution of Fresnel's wave equation 21314
Schmidt, F. *see* Galluccio, F. 7022
Schmidt, G., Langheinrich, W., Heime, K. Selective growth of SiGe nanostructures by low pressure VPE 41345
Schmidt, G. *see* Braun, R. 39577
Schmidt, G. *see* Gilg, A. 15078
Schmidt, H., Siedle, C. The charge equalizer. The solution to an old battery problem 32935
Schmidt, H. *see* Freitag, I. 12277
Schmidt, H. *see* Heyns, M.M. 34701
Schmidt, H. *see* Kumar, N. 46543
Schmidt, H. *see* Wolff-Rottke, B. 21133
Schmidt, H.F. *see* Verhaverbeke, S. 34717
Schmidt, H.J. *see* Schmitt, R.M. 15769
Schmidt, H.R. Detectors for the dedicated heavy-ion experiment at the CERN Large Hadron Collider 15651
Schmidt, H.U. *see* Bernhardt, A. 28443
Schmidt, H.U. *see* Fabian, H. 3029
Schmidt, H.U. *see* Henschel, H. 2960
Schmidt, H.U. *see* Henschel, H. 3001
Schmidt, H.U. *see* Henschel, H. 3138
Schmidt, H.U. *see* Henschel, H. 35376
Schmidt, H.W. BEVEI—better traffic information: radio-technical infrastructure 23261
Schmidt, H.W. *see* Pakbaz, K. 21069
Schmidt, H.W. *see* Zhang, C. 20557
Schmidt, J. *see* Brace, M.C. 16278
Schmidt, J. *see* Schwider, T. 28669
Schmidt, J. *see* Volkel, R. 3374
Schmidt, J. *see* Volkel, R. 10588
Schmidt, J.W., Hess, W. Shape preserving C^2-spline histopolation 18072
Schmidt, K. *see* Gundel, H. 7081
Schmidt, K. *see* Gundel, H. 38803
Schmidt, K.-H. *see* Bartzke, K. 38468
Schmidt, L. *see* Hauenschild, J. 14668
Schmidt, L.-P. *see* Guttich, U. 1623
Schmidt, L.P. *see* Banerjee, S.K. 6126
Schmidt, M. *see* Lehr, H. 15324
Schmidt, M. *see* Welsh, G. 16243
Schmidt, M.B. *see* Chang, D.D. 42339
Schmidt, M.B. *see* Chang, D.D. 42340
Schmidt, M.J.R. *see* Oswald, B.R. 47535
Schmidt, P. *see* Lipman, J. 41878
Schmidt, P. *see* Rohlig, S. 25886
Schmidt, R.A. *see* Giger, M.L. 24235
Schmidt, R.A. *see* Nishikawa, R.M. 24237
Schmidt, R.F. IEEE P1220-standard for system engineering—a commercial standard for improving competitiveness 33317
Schmidt, R.L. A model for R&D project selection with combined benefit, outcome and resource interactions 17774
Schmidt, R.R., Patel, P. Heat transfer from asymmetrically heated channel partially enclosing a rotating disk 363
Schmidt, S., Werthenbach, U., Zech, G. Study of thin substrates for microstrip gas chambers 31669
Schmidt, T. Box schemes on quadrilateral meshes 33556
Schmidt, Th. *see* Brandt, G.-A. 24178
Schmidt, U.I., Schroder, B., Oechsner, H. In situ ellipsometric study of the influence of powder formation on the initial growth of glow discharge a-Si:H 849
Schmidt, U.I., Schroder, B., Oechsner, H. Influence of powder formation in a silane discharge on a-Si:H film growth monitored by in situ ellipsometry 41421
Schmidt, V. *see* Hemming, O.N. 8096
Schmidt, V.H. Piezoelectric energy conversion in windmills 16735
Schmidt, W. *see* Furstenau, N. 7521
Schmidt, W. *see* Richter, B. 47573
Schmidt, W. *see* Skerl, O. 31141
Schmidt, W.-D., Ahlers, H., Helmig, V., Bohrisch, R., Boldt, J. Integrated photocapacitive position-sensitive detector made in CMOS technology 23585
Schmidt, W.F. *see* Zinke, O.H. 4022
Schmidt-Hattenberger, C., Muschall, R., Lederer, F., Trutschel, U. Phase-controlled switching in nonlinear multiport fiber couplers 3005
Schmidt-Hattenberger, C. *see* Krolikowski, W. 36028
Schmidt-Hattenberger, C. *see* Muschall, R. 36029
Schmidtchen, J., Gorriz, M. Active optics for focus control of material processing CO_2-laser machines 3725
Schmidtke, G. *see* Hofler, H. 46104
Schmidts, H.F., Kronmuller, H. Magnetization processes in small ferromagnetic particles with inhomogeneous demagnetizing field and uniaxial anisotropy 35211
Schmied, D. *see* Renier, M. 15278
Schmiedberger, J., Spalek, O., Kodymova, J., Kovar, J. Experimental study of magnetic quenching of laser generation in COIL 12008
Schmiedberger, J., Spalek, O., Kodymova, J., Kovar, J. Experimental study of magnetic quenching of laser generation in COIL 35669
Schmiedel, H., Cramer, C., Stannarius, R., Eidner, K., Grigutsch, M. Director patterns and inversion walls in 2D inhomogeneously deformed nematic LC layers [display applications] 6689
Schmiedel, H., Stannarius, R., Grigutsch, M., Hirning, R., Stelzer, J., Trebin, H.-R. Determination of viscoelastic coefficients from the optical transmission of a planar liquid crystal cell with low-frequency modulated voltage 20408
Schmiemann, K. *see* Abplanalp, M. 24046
Schmitt, D.J. *see* Novak, J.L. 38481
Schmitt, D.R. *see* Smith, H.V., Jr. 38827
Schmitt, E.W. *see* Pian, C.C.P. 25344
Schmitt, F., Gonneau, E., Guilhot, J.P. Wide band antenna processing in the case of industrial noise source 21877
Schmitt, H.J. *see* Scholl, B. 5961
Schmitt, H.J. *see* Tan, Q.-S. 9991
Schmitt, J. *see* Leblanc, F. 33056
Schmitt, J.J. *see* Golz, J. 15038
Schmitt, J.M. *see* Knuttel, A. 38716
Schmitt, J.M. *see* Zhou, G.X. 15768
Schmitt, K., Benecke, C., Schadt, M., Funfschilling, J., Herr, R.P., Buchecker, R. Efficient nonlinear optical ferroelectric liquid crystals for integrated optics devices 43490
Schmitt, L. A vision of vision in the gigabit era 17822
Schmitt, M. *see* Walkenhorst, A. 43357
Schmitt, N.P., Peuser, P., Heinemann, S., Mehnert, A. A model describing the single and multiple line spectra of tunable microcrystal lasers 3577
Schmitt, R., Brunner, M., Winkler, D. Electron-beam testing of flat panel display substrates 46544
Schmitt, R. *see* Brunner, M. 40934
Schmitt, R. *see* Clark, E. 24010
Schmitt, R.M., Schmidt, H.J., Kripfgans, O., Poser, C. A novel ultrasonic resonance spectrometer for microbubble sizing 15769
Schmitt, W. *see* Eiling, A. 35238
Schmitt, W. *see* Eiling, A. 35239
Schmitt, W. *see* Nagel, G. 25176
Schmitt-Landsiedel, D. *see* Khare, J. 10176
Schmitz, A. *see* Koring, J. 39423
Schmitz, A. *see* Larson, L. 34239
Schmitz, A.E. *see* Metzger, R.A. 2470
Schmitz, A.S. *see* Brown, J.J. 27203
Schmitz, C. *see* Fuhrer, O. 40459
Schmitz, C.J. *see* Abbott, B. 31776
Schmitz, D. *see* Lubelsmeyer, K. 46971
Schmitz, D. *see* Scholl, B. 5961
Schmitz, H. *see* Engelmann, G. 26467
Schmitz, J., Sien Kang, Wolters, R., van den Aker, K. The dependence of the stress of chemical vapor deposited tungsten films on deposition parameters 42753
Schmitz, J. *see* Abbott, B. 7245
Schmitz, J. *see* Borsch, H. 15552
Schmitz, J. *see* Wagner, J. 9646
Schmitz, J.S. *see* Hsu, S.L. 19651
Schmitz, M. An overview of the beam abort system for the 820 GeV/*c* HERA proton ring 15559
Schmitz, M. *see* Balewski, K. 46775
Schmitz, M. *see* Lohmann, D. 46810
Schmitz, N. *see* Bachler, J. 46934
Schmitz, P.C. *see* Bents, D.J. 7547
Schmitz, T. *see* Schroder, O. 47146
Schmitzer, H., Hobbfeld, J., Dultz, W. An application of the topological optical phases in holography 12470

Schmitzer, H., Klein, S., Dultz, W. Tuning of an optical interference filter using Pancharatnam's topological phase 43602
Schmitzer, H. *see* Wagner, H.-P. 36009
Schmode, P., Welsh, J. Design of lithium, primary battery comprising several parallel strings for high pulse current loads 17157
Schmoetten, E. *see* Bachler, J. 46915
Schmoetten, E. *see* Bachler, J. 46934
Schmoetten, E. *see* Baechler, J. 46909
Schmok, S.C. *see* Duffalo, J.M. 33403
Schmor, P.W., Buchmann, L., Jayamanna, K., Levy, C.D.P., McDonald, M., Ruegg, R., Zelenskii, A.N. The TRIUMF optically pumped polarized H^- ion source 15580
Schmor, P.W. *see* Dehnel, M. 7395
Schmor, P.W. *see* Levy, C.D.P. 31636
Schmor, P.W. *see* Levy, C.D.P. 31637
Schmor, P.W. *see* Zelenski, A.N. 31635
Schmoranzer, H. *see* Jank, A. 48135
Schmuck, H., Heidemann, R., Hofstetter, R. Distribution of 60GHz signals to more than 1000 base stations 30720
Schmuck, H. *see* O'Reilly, J.J. 23036
Schmuckle, F.J. The method of lines for the analysis of rectangular spiral inductors [in MMICs] 19110
Schmugge, T.J. *see* Jackson, T.J. 24504
Schmuser, P. Properties and practical performance of SC magnets in accelerators 6988
Schmuser, P. *see* Meincke, O. 7091
Schnabel, F. *see* Krost, A. 41292
Schnabel, R., Hilbk, U., Hermes, T., Meissner, P., Helmolt, C., Magari, K., Raub, F., Pieper, W., Westphal, F.J., Ludwig, R., Kuller, L., Weber, H.G. Polarization insensitive frequency conversion of a 10-channel OFDM signal using four-wave-mixing in a semiconductor laser amplifier 38076
Schnabel, R., Hilbk, U., Hermes, Th., Meissner, P., Helmolt, C.v., Magari, K., Raub, F., Pieper, W., Westphal, F.J., Ludwig, R., Kuller, L., Weber, H.G. Polarisation insensitive frequency conversion of a 10-channel OFDM signal over 275 GHz in a semiconductor laser amplifier 38128
Schnabel, R., Pieper, W., Ehrhardt, M., Eiselt, M., Weber, H.G. Wavelength conversion and switching of high speed data signals using semiconductor laser amplifiers 11769
Schnabel, R., Pieper, W., Ludwig, R., Weber, H.G. All-optical AND gate using femtosecond nonlinear gain dynamics in semiconductor laser amplifiers 29022
Schnabel, R. *see* Ehrhardt, A. 22306
Schnabel, R. *see* Eiselt, M. 5668
Schnabel, R.F., Krost, A., Grundmann, M., Heinrichsdorff, F., Bimberg, D., Pilatzek, M., Harde, P. Epitaxy of high resistivity InP on Si 26438
Schnakenberg, U. *see* Lemke, S. 20198
Schnars, U., Juptner, W. Direct recording of holograms by a CCD target and numerical reconstruction 36062
Schnase, A., Rongen, H., Meuth, H. A digital synthesizer and phase control system for RF-acceleration in COSY 15487
Schnatterly, S.E. *see* Benitez, E.L. 43627
Schnatz, F.V. *see* Hammerschmidt, D. 31210
Schnegg, A. *see* Graf, D. 2119
Schnegg, A. *see* Graf, D. 34700
Schnegg, A. *see* Heyns, M.M. 34701
Schneid, E.J. *see* Thompson, D.J. 7145
Schneid, J., Pittner, S. On the parametrization of the coefficients of dilation equations for compactly supported wavelets 9493
Schneider, A., Geyzers, K.P., Sollner, J., Heuken, M. Stabilization and growth interruption effects at $ZnS_xSe_{1-x}/ZnSe$ quantum-well interfaces grown by metalorganic vapor-phase epitaxy 18217
Schneider, A. *see* Heuken, M. 33608
Schneider, A. *see* Taudt, W. 33609
Schneider, B., Jr. *see* Abatti, P.J. 46542
Schneider, C. *see* Eversheim, P.D. 31625
Schneider, C. *see* Paetz gen. Schieck, H. 31626
Schneider, D., Scheibe, H.-J., Schwarz, Th., Hess, P. Characterization of thin diamond-like carbon films by ultrasonic surface waves 9855
Schneider, E., Schuster, R. Indirect rectifiers 48347
Schneider, E.G., Michalson, W.R. Integrated guided-wave crossbar interconnection of SEED arrays 3269
Schneider, E.G., Michalson, W.R. Comparison of large guided-wave interconnection networks for optical computation systems 3270
Schneider, F. As big as a cheque card: single-board computer with SAB80C166 microcontroller 18795
Schneider, F. *see* Hommel, J. 27754
Schneider, G.C. A wide band electronic phase shifter for the phase control of the second harmonic acceleration voltage in the CERN Booster Synchrotron 15488
Schneider, H. Optimized performance of quantum well intersubband infrared detectors: photovoltaic versus photoconductive operation 6488
Schneider, H., Larkins, E.C., Ralston, J.D., Schwarz, K., Fuchs, F., Koidl, P. Space-charge effects in photovoltaic double barrier quantum well infrared detectors 6484
Schneider, H., Vinattieri, A., Shah, J., Ehret, S., Larkins, E.C., Rossmanith, M. Nonresonant electron capture in GaAs/AlAs/AlGaAs double-barrier quantum well infrared detectors 38496
Schneider, H. *see* Akbar, A. 47551
Schneider, H. *see* Bender, G. 10691
Schneider, H. *see* Borsch, H. 15552
Schneider, H. *see* Hochhauser, E. 38883
Schneider, H.M. *see* Hingorani, N.G. 47476
Schneider, I. *see* Bachler, J. 46934
Schneider, J. Upward-compatible test system for PCN mobile telephones from development to type approval 37845
Schneider, J., Becker, F., Raynor, B., Weismann, B. Phase-shift reticles for the fabrication of sub-half micron gates in GaAs integrated circuits using optical stepper lithography 2683
Schneider, J., Hudson, S. A finite-difference time-domain method applied to anisotropic material 4051
Schneider, J., Kohlstedt, H., Wordenweber, R. Nanobridges of optimized $YBa_2Cu_3O_7$ thin films for superconducting flux-flow type devices 2887
Schneider, J. *see* Hulsmann, A. 27315
Schneider, J. *see* Klingenstein, M. 15001
Schneider, J. *see* Klingenstein, M. 31224
Schneider, J. *see* Thiede, A. 27025
Schneider, J. *see* Thiede, A. 33996
Schneider, J.B. *see* Hower, G.L. 4049
Schneider, J.D. *see* Smith, H.V., Jr. 38827
Schneider, J.M., Preuss, T., Nielsen, P.S. Management of virtual private networks for integrated broadband communication 30384
Schneider, J.M. *see* Wagenaar, L.B. 47934
Schneider, K., Kohn, M.M., Bakowski, C., Stein, E., Freidhof, C., Horwitz, A.E., Padovani, R., Wall, B., Panzer, W., Fendel, H. Impact of radiographic imaging criteria on dose and image quality in infants in an EC-wide survey 24171
Schneider, K. *see* Horwitz, A.E. 24173
Schneider, M. Filters and algorithms for rotation rate detection in fiber-optic gyroscopes 46473
Schneider, M., Wever, U., Zheng, Q. Solving large and sparse linear equations in analog circuit simulation on a cluster of workstations 26574
Schneider, M., Wever, U., Zheng, Q. Parallel harmonic balance 33830
Schneider, M. *see* Abe, K. 15619
Schneider, M. *see* Bachem, E. 3445
Schneider, M. *see* Bethke, K.-H. 32053
Schneider, M. *see* de Agapito, J.A. 6662
Schneider, M. *see* Gorne, T. 42057
Schneider, M. *see* Lohmann, D. 46810
Schneider, M.C., Bermudez, J.C.M., Montoro, C.G. On the implementation of switched capacitor circuits in gate arrays 18859
Schneider, M.V. *see* Drabeck, L. 18537
Schneider, M.V. *see* Drabeck, L. 26746
Schneider, O. *see* Amidei, D. 46890
Schneider, O. *see* Tkaczyk, S. 46989
Schneider, P.H. *see* Duffy, T.E. 40004
Schneider, R. *see* Healy, P. 40996
Schneider, R.F. *see* Weidman, D.J. 21190
Schneider, R.P., Bryan, R.P., Jones, E.D., Biefeld, R.M., Olbright, G.R. Trimethylamine alane for low-pressure MOVPE growth of AlGaAs-based materials and device structures 781
Schneider, R.P., Jr., Lott, J.A. Cavity design for improved electrical injection in InAlGaP/AlGaAs visible (639-661 nm) vertical-cavity surface-emitting laser diodes 3712
Schneider, R.P., Jr. *see* Lott, J.A. 3610
Schneider, R.P., Jr. *see* Lott, J.A. 20811
Schneider, R.P., Jr. *see* Lott, J.A. 28813
Schneider, R.P., Jr. *see* Zolper, J.C. 10667
Schneider, S. Numerical experiments with a multistep Radau method 610
Schneider, S. Convergence results for general linear methods on singular perturbation problems 33552
Schneider, S., Abraham-Fuchs, K., Reichenberger, H., Seifert, H., Hoenig, H.E., Rohrlein, G. Experience with a multichannel system for biomagnetic study 31880
Schneider, S. *see* Stefan, H. 31947
Schneider, T., Jamieson, D.G. Signal-biased MLS-based hearing-aid frequency response measurement 24366
Schneider, T. *see* Hierholzer, M. 26696
Schneider, T.P., Cho, J., Chen, Y.L., Maher, D.M., Nemanich, R.J. Plasma surface interactions and surface properties for remote H-plasma cleaning of Si(100) 34735
Schneider, T.P. *see* Liu, H.X. 34739
Schneider, V. *see* Odar, S. 39889
Schneider, W. CW call sign transmitter 14375
Schneider, W. 28/144 MHz transverter 45754
Schneider, W., Siegel, K. A N+2 protection switching system for synchronous STM-1 signals and plesiochronous 140 Mbit/s signals by using two carrier technique 14433
Schneider, W. *see* Bankman, I.N. 24273
Schneider, W. *see* Jordan, K. 15295
Schneider, W. *see* Kamler, F. 16610
Schneider, W. *see* McClellan, G. 16612
Schneider-Muntau, H.-J. *see* Askenazy, S. 12534
Schneiderbauer, B. *see* Meier, H. 11435
Schneiderman, H., Nashman, M., Lumia, R. Model-based vision for car following 30050
Schneiderwind, R. *see* Buchner, S. 33989
Schneidmiller, E.A. *see* Saldin, E.L. 12268
Schneidmiller, E.A. *see* Saldin, E.L. 12269
Schneidmiller, E.A. *see* Saldin, E.L. 31538
Schneidmiller, E.A. *see* Saldin, E.L. 35906
Schneier, B. The IDEA encryption algorithm 12833
Schneier, B. Subliminal channels in the Digital Signature Algorithm 21607
Schneier, B. The Blowfish encryption algorithm 44674
Schneir, J. *see* Dagata, J.A. 34726
Schnell, M. *see* Fiebig, U.-C.G. 12840
Schnell, M. *see* Wilde, A. 22967
Schnell, R.D. *see* Sammut, C.V. 1541
Schnell, W. New technology for particle acceleration—the linear collider 31546
Schnell, W. The CLIC study of an electron-positron collider 46712
Schneller St. *see* St. Schneller
Schneps-Schneppe, M.A. Broadband network, is it tolerated for Latvia? 14009
Schneuwly, B. *see* Rechsteiner, M. 6592
Schnier, D., Madej, A.A. Dither-free method for phase-mirror control in optical-feedback stabilized diode laser systems 35790
Schnitzer, I., Yablonovitch, E., Caneau, C., Gmitter, T.J., Scherer, A. 30% external quantum efficiency from surface textured, thin-film light-emitting diodes 11862
Schnitzer, I., Yablonovitch, E., Ersen, A., Scherer, A., Caneau, C., Gmitter, T.J. Ultra-high efficiency light-emitting-diode arrays 20563
Schnitzer, I. *see* Ersen, A. 3390
Schnitzer, I. *see* Ersen, A. 11891
Schnizer, B. *see* Schoepf, H. 21177
Schnorr, C. On functionals with greyvalue-controlled smoothness terms for determining optical flow 21946
Schnyder, G. *see* Brunner, D. 32413
Scho, K. *see* Ernst, J. 31659
Schochetman, I.E. *see* Cahlon, B. 1704
Schock, A. PbTe/TAGS RTG for Mars Environmental Survey (MESUR) mission 7546
Schock, H.-W. $CuInSe_2$ and other chalcopyrite-based solar cells 25690
Schock, H.W. *see* Scheer, R. 17401
Schock, H.W. *see* Velthaus, K.O. 35588
Schoeman, J.J. *see* Campbell, C.K. 8731
Schoeman, J.J. *see* Case, M.J. 15158
Schoeman, J.J. *see* Case, M.J. 17069
Schoeman, J.J. *see* Stielau, O.H. 18486
Schoen, D.C., Locke, P.A. The ORBCOMM data communications system 37927
Schoen, J.M. *see* Marcotte, R.A. 26561
Schoen, P. Dynamic simulation of an integrated gasification combined-cycle plant 25235
Schoenauer, M. *see* Delahaye, D. 39338
Schoenbach, K.H., Kenney, J.S., Peterkin, F.E., Allen, R.J. Temporal development of electric field structures in photoconductive GaAs switches 11842
Schoenbach, K.H., Kenney, J.S., Peterkin, F.E., Allen, R.J. Development of current filaments in photoconductive GaAs switches 28621
Schoenbach, K.H. *see* Brinkmann, R.P. 28635
Schoenberg, J. *see* Mader, T. 1621
Schoeneman, J.L., Fox, L.J., Jenkins, C.D. The Authenticated Tracking and Monitoring System (ATMS) concept 30671
Schoenenberger, J., Gillick, D. Personal communication by satellite: A European policy perspective 14474
Schoenenberger, J.G. Satellite personal communications networks 22943
Schoenfeld, I. *see* Quinn, M.L. 15913
Schoenfeld, I.E. A training effectiveness methodology—the first step of its development 39766
Schoenfeld, I.E. *see* Mumaw, R.J. 39771
Schoenmaker, W. *see* Vankemmel, R.C. 28065
Schoentgen, J. Nonlinear synthesis of the glottal waveform 13112
Schoenthaler, D. Joint industry solderability standards: a response to surface mount assembly needs 34436
Schoenung, S.M., Badin, J.S., Daley, J.G. Commercial applications and development projects for superconducting magnetic energy storage 33086
Schoenwald, D. A solution for cellular congestion 22805
Schoenwald, D., Ozguner, U., Graham, R. Control of gimbal dynamics via sensitivity models for uncertainty in friction parameters 24435
Schoepe, W. *see* Barowski, H. 2923
Schoepf, H., Schnizer, B. Wave fronts and main field of a point charge accelerated within a plane condensor 21177
Schoer, J.K. *see* Corbitt, T.S. 42723
Schoess, J.N., Zook, D. Conformal acoustic waveguide sensor development 7542
Schoettmer, U., Engelhard, H. High performance pin electronics with GaAs, a contradiction in terms? 6332
Schofbanker, M., Mulleder, J. Oil filled transformer with double tank 25500

Schofelder, A., Weisser, S., Ralston, J.D., Rosenzweig, J. α factor improvements in high-speed p doped $In_{0.35}Ga_{0.65}As/GaAs$ MQW lasers 3606
Schoffel, U. *see* Eisenhammer, T. 20500
Schofield, B.A. *see* Alexander, S.B. 6055
Schofield, J., Pourazar, G. The use of interactive video and superimposed animated parametered figures in dance teaching and choreography 23349
Schofield, N., Mellor, P.H., Howe, D. Field-weakening of brushless permanent magnet motors for application in a hybrid-electric vehicle 48283
Scholefield, J.H. The allocation of R&D resource 17780
Scholl, A. *see* Wolff-Rottke, B. 21133
Scholl, B., Schmitz, D., Rasmussen, J., Schmitt, H.J. In-line fibre optical attenuator and powermeter 5961
Scholl, E., Pyragas, K. Tunable semiconductor oscillator based on self-control of chaos in the dynamic Hall effect 11113
Scholl, E. *see* Hupper, G. 27450
Scholl, E. *see* Wacker, A. 35039
Scholl, G., Dill, R., Ruile, W., Ruppel, C.C.W. New resonator filter with high sidelobe suppression 2766
Scholl, G. *see* Ruppel, C.C.W. 11421
Scholl, G. *see* Weigel, R. 43235
Scholl, P.L. *see* Franczak, D.F. 32711
Scholl, S. *see* Waag, A. 34692
Scholt, A.L. *see* Neubert, W.M. 3473
Scholten, M.J., Schoonman, J., van Miltenburg, J.C., Oonk, H.A.J. Synthesis of $SrCeO_3$, $BaCeO_3$, $SrZrO_3$ and $BaCrO_3$ and their reaction with CO_2 17262
Scholtes, B. *see* Bing, K. 26521
Scholtz, A.L. *see* Schultes, G. 37800
Scholtz, F.J., du Preez, J.A. Iterative speaker adaptation for speech recognition 13161
Scholtz, R.A. Criteria for sequence set design in CDMA communications 13867
Scholtz, R.A. *see* Kim, S.H. 13273
Scholwater, L.J. *see* Yang, K. 718
Scholz, A. *see* Drusedau, T. 34529
Scholz, A. *see* Papadopulos, P. 33715
Scholz, F. ESPRIT MORSE: research for novel metal-organic precursors 9631
Scholz, F., Weber, J., Pressel, K., Dornen, A. MOVPE of rare earth doped III-V semiconductors 9588
Scholz, F. *see* Bergmann, R. 27552
Scholz, F. *see* Eckel, M. 33591
Scholz, F. *see* Hommel, J. 27754
Scholz, F. *see* Kaden, C. 20808
Scholz, F. *see* Tutken, T. 28807
Scholz, H.-P. *see* Balewski, K. 46775
Scholz, R. *see* Meerkotter, K. 21814
Scholz, S., Mohnhaupt, J. 3-stage implicit Runge-Kutta methods with global error estimation for stiff problems 9480
Scholze, F., Ulm, G. Characterization of a windowless Si(Li) detector in the photon energy range 0.1-5 keV 38857
Schomaker, R. *see* Arnaudon, H. 46878
Schomburg, W.K. *see* Rapp, R. 32886
Schomer, E. How modern maintenance strategies result in long-term safety 47636
Schon, A. *see* Baur, R. 46897
Schon, A. *see* Baur, R. 46911
Schon, J.P. *see* Ducottet, C. 45259
Schonauer, H. On the use of predeflectors for improved beam loss concentration 15368
Schoner, H.P. *see* Orthmann, R. 8881
Schoner, S. *see* Hoffman, E. 15145
Schonfeld, C. *see* Gomez, D. 39217
Schonfeld, D. *see* Charif-Chefchaouni, M. 21869
Schonfeld, E., Janssen, H. Precise measurement of dead time 38842
Schonfeld, J., Pirsch, P. Single board image processing unit for vehicle guidance 37021
Schonfeld, R. Digital control of electrical drives: principles and developments 40533
Schonfeld, R., Franke, M., Hasan, H., Muller, F. Intelligent drives in systems with decentralized intelligence 8866
Schonfelder, A. *see* Ralston, J.D. 12243
Schonfelder, V., Aarts, H., Bennett, K., de Boer, H., Clear, J., Collmar, W., Connors, A., Deerenberg, A., Diehl, R., von Dordrecht, A., Den Herder, J.W., Hermsen, W., Kippen, M., Kuiper, L., Lichti, G., Lockwood, J., Macri, J., McConnell, M., Morris, D., Much, R., Ryan, J., Simpson, G., Snelling, M., Stacy, G., Steinle, H., Strong, A., Swanenburg, B.N., Taylor, B., de Vries, C., Winkler, C. Instrument description and performance of the imaging gamma-ray telescope COMPTEL aboard the Compton Gamma-Ray Observatory 7146
Schonhoff, U. *see* Kuck, S. 35714
Schonhuber, P. *see* Klinger, T. 35222
Schoning, J. Present status of the German HTR development from the viewpoint of the supplier industry 47666
Schoning, M.J., Bruns, M., Hoffmann, W., Hoffmann, B., Ache, H.J. Iodide ion-sensitive field-effect structures 6469
Schonthaler, L. Location of faults in power cables 24944
Schoo, P. *see* Insulander, J. 37217
Schooler, E.M. The impact of scaling on a multimedia connection architecture 5611
Schooley, L.C. *see* Pitts, R.A. 22581
Schoon, M. A semi-automatic 3-port network analyzer 23475
Schoon, M. A novel, bias-dependent, small-signal model of the dual-gate MESFET 42203
Schoonees, J.A. *see* Bohm, B. 29426
Schoonees, J.A. *see* Hodgart, M.S. 12830
Schoonman, J. *see* Ammerlaan, J.A.M. 825
Schoonman, J. *see* Dekker, J.P. 41413
Schoonman, J. *see* Liquan Chen 48097
Schoonman, J. *see* Scholten, M.J. 17262
Schoot, B.H.van der *see* van der Schoot, B.H.
Schoot, B.van der *see* van der Schoot, B.
Schope, F. Microcontroller based state-of-charge indicator for NiCd-batteries in electric vehicles 48302
Schopf, K.J. *see* Pettenpaul, E. 30654
Schopp, M. Multiple-tuned VLF antennas 44617
Schor, M.J. *see* Rustan, P. 24407
Schork, R. *see* Yu, Y.H. 10807
Schormans, J.A., Phillips, C.I., Smith, R., Cuthbert, L.G. Analysis of a finite shared buffer 30167
Schorn, W. Light and electric power supply of Vienna underground 17547
Schortt, A.G. *see* Kuo, Y. 34765
Schott, E., Tuttas, C. Measurements on an active filter circuit for power system harmonic control 24648
Schott, J.R. *see* Ehrhard, D.G. 23086
Schott, J.R. *see* Francis, J. 4901
Schott, M.K. *see* Pelz, B. 35734
Schott, T. *see* Cramer, G. 32813
Schott, T. *see* Staupendahl, G. 21132
Schott, W. Power factor controllers TDA 4815/19: higher power factor for switched-mode power supplies 33873
Schott, W. *see* Berruto, E. 45360
Schott, W. *see* Fischerauer, A. 2754
Schottler, M., Traub, C., Kubalek, E. Crosstalk effect in electron beam testing: simulations and measurements 43050
Schouhamer Immink, K.A., de Bot, P.G.M. *(editors)* Proceedings of the Fourteenth Symposium on Information Theory in the Benelux 9102
Schouten, F.A.van der duyn *see* van der duyn Schouten, F.A.
Schouten, J.C. *see* Anderson, R.J. 6911
Schouten, J.C. *see* Wilson, M.N. 7113
Schouten, Th.E., klein Gebbinck, M., Thijssen, J.M., Verhoeven, J.T.M. Ultrasonic tissue characterisation using neural networks 15838
Schowalter, L.J. *see* Taylor, A.P. 18229
Schowengerdt, R.A. *see* Wu, H.-H.P. 24523
Schrader, G.L. *see* Chang, Y. 820
Schrader, G.L. *see* Chang, Y. 2634
Schrader, J. *see* Lagleder, J. 5273
Schrage, D. *see* Gordon, M. 39277
Schram, D.C. *see* de Graaf, M.J. 46827
Schramm, J.E., Babic, D.I., Hu, E.L., Merz, J.L. Reactive ion etcher self-bias voltage regulator 2125
Schramm, J.E., Hu, E.L., Merz, J.L., Brown, J.J., Melendes, M.A., Thompson, M.A., Brown, A.S. Highly selective reactive ion etch process for InP-based device fabrication using methane/hydrogen/argon 27746
Schramm, P. Bit error probability of a rapidly-adapting RAKE receiver as a function of dwell time 45766
Schramm, U., Pilkey, W.D. The coupling of geometric descriptions and finite elements using NURBs—a study in shape optimization 9490
Schramp, M. *see* de Beer, R. 15834
Schrans, T. *see* Iannelli, J.M. 3625
Schraube, H. *see* Mares, V. 31796
Schraud, G., Grothe, H., Schroder, St. Substrateless singlemode vertical cavity surface-emitting GaAs/GaAlAs laser diode 35775
Schrauwen, C.P.G. *see* Rogers, D.J. 35219
Schrei, A. *see* Grabow, W. 37818
Schreiber, E.J. From academic writing to job-related writing: achieving a smooth transition 40828
Schreiber, F. Properties and applications of the optimal queueing strategy SRPT — a survey 5214
Schreiber, F. Local correlation of occupancy of the finite buffer queue M/M/1/N 45308
Schreiber, G.A. *see* Hall, D.B. 14922
Schreiber, H. *see* Schwider, J. 12457
Schreiber, H.-U., Albers, J.N., Bosch, B.G. 16 Gbit/s multiplexer IC using double mesa Si/SiGe heterojunction bipolar transistors 18582
Schreiber, J.G. *see* Bents, D.J. 7547
Schreiber, R. Inadmissible influences on centralised musical frequency telecommands. New recommendations 47381
Schreiber, R. *see* Yan Huo 26361
Schreiber, W.F. Combined source and channel coding: future directions for terrestrial broadcasting 31029
Schreier, L. *see* Bendl, J. 8345
Schreier, L. *see* Bendl, J. 8372
Schreier, L. *see* Bendl, J. 40140
Schreier, L. *see* Bendl, J. 47846
Schreier, R. An empirical study of high-order single-bit delta-sigma modulators 18535
Schreier, W. *see* Hannes, K. 47730
Schreinemacher, B. *see* Hennings, D.F.K. 35134
Schreinemacher, H. *see* Hennings, D.F.K. 35134
Schreiner, W.H. *see* Rosenfeld, D. 6645
Schreiter, G., Hotea, G., Engel, A. Fibre optic connectors for consumer applications 5882
Schreiter, R. *see* Troitinger, L. 30837
Schreiter, T. *see* Witthoft, K.-U. 40538
Schreur, H.J.W. *see* Vanderschoot, J. 38958
Schreurs, L.Hedgran *see* Hedgran Schreurs, L.
Schreutelkamp, R.J., Coppye, W., De Bosscher, W., van Meirhaeghe, R., van Meirhaeghe, L., Vanhellemont, J., Deweerdt, B., Lauwers, A., Maex, K. Formation of ultrathin $CoSi_2$ films using a two-step limited reaction process 19646
Schreutelkamp, R.J., Vandenabeele, P., Deweerdt, B., Verbeeck, R., Maex, K. Two-step anneals to avoid bridging during Co silicidation 18252
Schreutelkamp, R.J. *see* Lauwers, A. 19627
Schrewe, U. *see* v. Edel, G. 7156
Schreyer, H., Bohm, H.-D.V., Svedevall, B. 40° image intensifier tubes in an integrated helmet system 47201
Schreyer, O. *see* Elixmann, M. 33316
Schriber, S.O. *see* Jameson, R.A. 6915
Schriever, U. *see* Hambitzer, G. 17203
Schrimper, K. Intelligent and decentralised automation with LON 45665
Schrimpf, R.D. *see* Brews, J.R. 34987
Schrimpf, R.D. *see* Lee, S.C. 43179
Schrimpf, R.D. *see* Nowlin, R.N. 34923
Schrimpf, R.D. *see* Zupac, D. 28167
Schrimpf, R.D. *see* Zupac, D. 34975
Schriver, D. *see* Sotnikov, V.I. 21414
Schrohar, M. *see* Heinzel, W. 30498
Schroder, B. *see* Drusedau, T. 27628
Schroder, B. *see* Drusedau, T. 34529
Schroder, B. *see* Drusedau, T. 41435
Schroder, B. *see* Papadopulos, P. 33715
Schroder, B. *see* Schmidt, U.I. 849
Schroder, B. *see* Schmidt, U.I. 41421
Schroder, D. Statistical measurement deviations in quality control systems 17946
Schroder, D. *see* Kirchenberger, U. 16980
Schroder, D. *see* Metzner, D. 2403
Schroder, D. *see* Metzner, D. 2502
Schroder, F. *see* Storm, W. 42671
Schroder, G.H. *see* Courtois, L. 6931
Schroder, H.Ch. *see* Badertscher, A. 7311
Schroder, K.-H. *see* Heitzinger, F. 40360
Schroder, K.-P. *see* Geuther, H. 31472
Schroder, K.-W. *see* Schlote, J. 26478
Schroder, N. *see* LaFlame, D. 12766
Schroder, O., Schmitz, T., Pierschel, M. Microdosimetric dosemeters for individual monitoring based on semiconductor detectors 47146
Schroder, St. *see* Schraud, G. 35775
Schroder, T. *see* Beigang, R. 29008
Schroder, T. *see* Boller, K.-J. 3857
Schroder, T. *see* Fix, A. 3853
Schrodter, C. *see* Barocsi, A. 11717
Schrodter, C. *see* Baumhacker, H. 3425
Schrodter, C. *see* Baumhacker, H. 35655
Schroeder, D., Ostermann, T., Kalz, O. Comparison of transport models for the simulation of degenerate semiconductors 42829
Schroeder, D. *see* Farhangi, S. 16970
Schroeder, D.R., Rexing, L.J. The latest advances in multichip modules utilizing low temperature cofired ceramic interconnection technology 9261
Schroeder, E.F., Platte, H.-J., Spille, J. Improvement of the user interface for video cassette recorders by 'memory-in-cassette' 14822
Schroeder, J. Signal processing via Fourier-Bessel series expansion 13020
Schroeder, J. Model-based filter design by minimizing median of square of residuals 36717
Schroeder, J.A. *see* Rodriguez, R.A. 31917
Schroeder, M.R. A brief history of synthetic speech 4518
Schroeder, W., Wolff, I. A hybrid-mode boundary integral equation method for normal- and superconducting transmission lines of arbitrary cross-section 12693
Schroeder, W., Wolff, I. Frequency dependence of large signal velocity-field relation in GaAs by Monte-Carlo simulation 27474
Schroedl, M. Sensorless control of permanent magnet synchronous motors 47843
Schroedl, M., Colle, T. Electric motorbike with sensorless controlled permanent magnet synchronous motor 48325
Schroedl, M., Hennerbichler, D., Wolbank, T.M. Induction motor drive for electric vehicles without speed- and position sensors 8926
Schroedl, M. *see* Schermann, M. 17018
Schroer, D. *see* Nichols, R.J. 27365
Schroer, G. *see* Kraus, J.-M. 47199
Schroeter, J., Man Mohan Sondhi Techniques for estimating vocal-tract shapes from the speech signal 36619
Schroeter, J. *see* Gupta, S.K. 12982
Schrofelbauer, H., Novak, M., Tauschitz, J. Retrofitting and replacement concept for the thermal power stations of the Austrian grid system 47699
Schropp, I. *see* Ruppel, C.C.W. 11421
Schropp, K. *see* Bohl, E. 26354

Schropp, R.E.I., Daey Ouwens, J., Von Der Linden, M.B., Van Der Werf, C.H.M., Van Der Weg, W.F., Alkemade, P.F.A. Defect and band gap engineering of amorphous silicon solar cells 33060
Schropp, R.E.I., Sluiter, A., von der Linden, M.B., Daey Ouwens, J. Stability of amorphous silicon materials incorporated in solar cells and intrinsic layer profiling for enhanced stabilized performance 33069
Schropp, R.E.I. *see* Ouwens, J.D. 26483
Schropp, R.E.I. *see* Von Der Linden, M.B. 33029
Schrote, M.R. *see* Piatnicia, A.Y. 4288
Schroter, A. SOPHO-SET 138—a new range of ISPBX telephones 37641
Schroter, H. *see* Rudolph, P. 33582
Schroter, M., Friedrich, M., Rein, H.-M. A generalized integral charge-control relation and its application to compact models for silicon-based HBT's 19790
Schroter, M. *see* Rein, H.-M. 11182
Schroter, S., Willsch, R., Israelyan, V.G., Kuchta, A.W. Bias stability of interferometric all-fibre gyroscopes with highly polarizing and depolarizing components 38540
Schroter, T., Tautenhahn, U. Error estimates for Tikhonov regularization in Hilbert scales 33561
Schroter, W. Express—the new generation of Russian telecommunication satellites 5847
Schroth, A. *see* Bethke, K.-H. 23167
Schroth, A. *see* Bethke, K.-H. 32053
Schrott, A.G., Braren, B., Saraf, R. Laser assisted Pd seeding for electroless plating on SiO_2 41401
Schrott, A.G. *see* Brusic, V. 11488
Schrott, A.G. *see* Kuo, Y. 27767
Schrufer, E. Interpolation in the time and frequency domain by polynomials or sine-functions 29702
Schrufer, E. Interpolation with the discrete Fourier transform by zero filling or zero padding 31150
Schrufer, E., Lindermeir, E., Palme, F., Wulbern, K. Spectral measurements of exhaust gases using a Fourier transform spectrometer 46665
Schryber, U., Abela, R., Adam, S., Frei, H., Heidenreich, G., Joho, W., Marki, M., Markovits, C., Olivo, M., Rezzonico, L., Rohrer, U., Sigg, P., Stammbach, T., Steiner, E. Upgrading the PSI accelerator facility for high intensity operation 6907
Schteinberg, A.L. *see* Groznetskii, B.N. 21867
Schubert, E. *see* Michel, R.P. 29139
Schubert, E. *see* Schutte, K. 18304
Schubert, E.F. *see* Hunt, N.E.J. 11870
Schubert, E.F. *see* Kopf, R.F. 18178
Schubert, M. 70 V-to-5 V differential CMOS input interface 33891
Schubert, M. *see* Declerq, M.J. 33896
Schubert, M. *see* Stachowitz, R. 34543
Schubert, R., Bomans, M., Hohne, K.H., Pommert, A., Riemer, M., Schiemann, T., Tiede, U., Lierse, W. A new method for representing the human anatomy 15770
Schubert, T.F., Jr. Simulation of the effects of companding on quantization noise in digital communication systems 37264
Schubert, W. Test set for base stations to new PCN/DCS 1800 mobile-phone standard 37846
Schuberth, S. *see* Hoffmann, P. 3750
Schuberth, W. *see* Kohnle, A. 32153
Schuchardt, K. *see* Zaviska, O. 32633
Schuchinsky, A.G. *see* Lerer, A.M. 36341
Schuck, H.L. Earth contact location in medium voltage transformer stations central indication 48026
Schuck, J. *see* Preissner, J. 1264
Schuckman, K. *see* Curry, S. 39362
Schuegraf, K.F., Hu, C. Hole injection oxide breakdown model for very low voltage lifetime extrapolation 34642
Schuegraf, K.F., King, C.C., Hu, C. Impact of polysilicon depletion in thin oxide MOS technology 20006
Schuele, P.J. *see* Udayakumar, K.R. 11371
Schueneman, G.T. *see* Harmon, J.P. 24020
Schuenemann, K. *see* Abou-Elnour, A. 1546
Schuenemann, K. *see* Abou-Elnour, A. 19394
Schuerch, W., Pierce, D. High-speed testing reaches microwave rates 38660
Schueren, A.van der *see* van der Schueren, A.
Schuhl, A. *see* Tyc, S. 2911
Schuhmacher, H. *see* v. Edel, G. 7156
Schuhmann, H. *see* Pelz, L. 25979
Schuhmann, W., Kranz, C., Huber, J., Wohlschlager, H. Conducting polymer-based amperometric enzyme electrodes. Towards the development of miniaturized reagentless biosensors 31325
Schukat, H. *see* Witschital, P. 36631
Schukat-Talamazzini, E.G. *see* Kuhn, T. 13136
Schukeilo, I.A. *see* Dolinsky, A.V. 15287
Schukraft, J. The ALICE heavy-ion experiment at the CERN LHC 31742
Schukraft, J. *see* Baur, R. 46897
Schulat, J. *see* Wagemann, E.U. 40466
Schulberg, M.T. *see* Kubiak, G.D. 27827
Schule, V., Baier, G., Vogel, A. Soot sensor based on a porous solid electrolyte cell 6620
Schule, V. *see* Baier, G. 6652
Schule, V. *see* Vogel, A. 6666
Schulenberg, T. *see* Becker, B. 39996
Schulenberg, T. *see* Maghon, H. 32741
Schulenburg, K. *see* Drangova, M. 31866
Schulenburg, N.W., Hackwell, J.A. Bayesian approach to image recovery of closely spaced objects 29837
Schuler, D. *see* Malcolm, K.C. 37528
Schuler, D.L., Lee, J.-S., Hoppel, K.W. Polarimetric SAR image signatures of the ocean and Gulf Stream features 39401
Schuler, G. *see* Beer, A. 31662
Schuler, H. Copper local area telephone cables of 0.35 mm and 0.5 mm diameters 30596
Schuler, P. *see* Stefan, H. 31947
Schulist, M. FIR filter design with additional constraints using complex Chebyshev approximation 13235
Schuller, D.J. *see* Pitchford, T.L. 46698
Schulman, J.N., Chow, D.H., Hasenberg, T.C. InAs/antimonide-based resonant tunneling structures with ternary alloy layers 42508
Schulman, J.N. *see* Chow, D.H. 11124
Schulman, J.N. *see* Chow, D.H. 19923
Schulman, J.N. *see* Yamauchi, T. 12205
Schulman, M.B. Separation of spiral contacts and the motion of vacuum arcs at high AC currents 40365
Schulser, K. *see* Grunnet-Jepsen, A. 3505
Schult, O. *see* Kilian, K. 23956
Schulte, A. *see* Koster, U. 27575
Schulte, E. *see* Prediger, R. 41633
Schulte, G. *see* Enenkiel, A. 47375
Schulte, H. *see* Angert, N. 6905
Schulte, H. *see* Conder, A. 6573
Schulte, H. *see* Steck, M. 7061
Schulte, J. *see* Bonicel, J. 5997
Schultes, G., Scholtz, A.L., Happel, M., Simburger, W. A testbed for DECT physical- and medium access-layer 37800
Schultes, G. *see* Crohn, I. 5765
Schultes, G. *see* Crohn, I. 37796
Schultes, G. *see* Fuhl, J. 14082
Schultheiss, P.M., Messer, H. Optimal and suboptimal broad-band source location estimation 13211
Schultheiss, P.M. *see* Shaolin Li 44877
Schultheiss, P.M. *see* Zeira, A. 21714
Schulting, L. *see* Apeldoorn, O. 8565
Schulting, L. *see* Brockmeyer, A. 8553
Schultz, A. *see* Bachmann, C.M. 4886
Schultz, A. *see* Ming Lu 41400
Schultz, C.P. A unified model of constant frequency switching regulators using multiloop feedback control 41662
Schultz, D., Alley, R., Aoyagi, H., Clendenin, J., Frisch, J., Garden, C., Hoyt, E., Kirby, R., Klaisner, L., Kulikov, A., Mulhollan, G., Prescott, C., Saez, P., Tang, H., Turner, J., Woods, M., Yeremian, D., Zolotorev, M. The high peak current polarized electron source of the Stanford Linear Collider 38807
Schultz, D. *see* Abe, K. 7260
Schultz, D. *see* Abe, K. 15619
Schultz, D. *see* Abe, K. 46930
Schultz, D. *see* Clendenin, J. 38808
Schultz, D. *see* Saez, P. 23989
Schultz, D.C., Clendenin, J., Frisch, J., Hoyt, E., Klaisner, L., Woods, M., Wright, D., Zolotorev, M. The polarized electron gun for the SLC 7140
Schultz, G. Design rules validate DFA in circuit board production 34366
Schultz, H. Retrieving shape information from multiple images of a specular surface 37000
Schultz, H. *see* Pelz, L. 25979
Schultz, J.C., Klausmeier-Brown, M.E., Ladle Ristow, M., Partain, L.D., Al-Jassim, M.M., Jones, K.M. Development of high-quantum-efficiency, lattice-mismatched, 1.0-eV GaInAs solar cells 1887
Schultz, M.D. *see* Du, M. 20419
Schultz, P.J. *see* Simpson, P.J. 10835
Schultz, R. *see* Flam, S.D. 18041
Schultz, S. *see* Kroll, N. 6877
Schultz, S. *see* Silva, T.J. 43290
Schultz von Dratzig, A. *see* Bock, R. 7228
Schultze, J.W. *see* Bleise, Ch. 17315
Schultze, J.W. *see* Munder, H. 34725
Schultze, S. Fault-tolerance in real-time communication 14247
Schultze Kool, L.J. *see* Geleijns, J. 24174
Schulz, D., Glingener, C., Noker, W., Voges, E. Beam propagation algorithms for the analysis of optical waveguides in the frequency and time domain 36345
Schulz, G. *see* Gilsdorf, R.W. 19263
Schulz, G. *see* Stolzel, C. 11529
Schulz, H.-J. *see* Klimakow, A. 33581
Schulz, J., Schluessel, P., Grassi, H. Water vapour in the atmospheric boundary layer over oceans from SSM/I measurements 32092
Schulz, J. *see* Pantenburg, F.J. 28028
Schulz, J. *see* Rapp, R. 32886
Schulz, K. *see* Krutemeier, F. 16686
Schulz, L. *see* Burkmann, K. 15463
Schulz, M. Coulomb energy of traps in semiconductor space-charge regions 1963
Schulz, M. Coulomb energy of traps in semiconductor space charge regions 42567
Schulz, M., Pappas, A., Vennemann, J. Single-electron trapping and telegraph noise in μm-sized MOSFETs 28154
Schulz, M. *see* Downs, T. 4552
Schulz, M. *see* Mueller, H.H. 42944
Schulz, M. *see* Palm, H. 10752
Schulz, M.F. *see* Parameswaran, S. 1358
Schulz, P.A., Jeys, T.H. Three-wavelength interconversion laser 3489
Schulz, P.A. *see* Wall, K.F. 12050
Schulz, P.A. *see* Zayhowski, J.J. 28789
Schulz, R. *see* Czech, G. 28048
Schulz, R. *see* Nalamasu, O. 11060
Schulz, R. *see* Weber, E. 39916
Schulz, R.R. *see* Rossel, C. 20222
Schulz, S.E., Hintze, B., Gessner, T., Wolf, H., Gruenewald, W. Selective tungsten CVD on sputtered tungsten for via fill 19629
Schulz, S.E. *see* Gruenewald, W. 19632
Schulz, T. *see* Bates, S. 24057
Schulz, W., Becker, D., Franke, J., Kemmerling, R., Herziger, G. Heat conduction losses in laser cutting of metals 17628
Schulze, C. *see* Suortti, P. 7386
Schulze, D., Gobsch, G., Eisele, I., Kiunke, W. Modeling of the static properties for double-δ transistors 34885
Schulze, F.W. *see* Bauer, J. 33065
Schulze, F.W. *see* van den Berg, R. 17390
Schulze, G. *see* Bosterling, W. 26695
Schulze, J. *see* Kersten, H. 42683
Schulze, K. *see* Nyholm, P. 34315
Schulze, K.P. *see* Hwang, J.C. 6709
Schulze, N.R. Figures of merit and attributes for space fusion propulsion 39314
Schulze-Buxloh Karl *see* Karl Schulze-Buxloh
Schulzrinne, H. *see* Aras, C.M. 37076
Schumacher, A. *see* Alavi, M. 6433
Schumacher, B. *see* Kessel, W. 39963
Schumacher, B.-J., Vierheller, M. Sensor for electromagnetic interference as a result of electrostatic discharge 23535
Schumacher, C.R. *see* Uberall, H.M. 36137
Schumacher, M. *see* Lohmann, D. 46810
Schumacher, M. *see* v. Edel, G. 7156
Schumacher, N.A. *see* Burger, C.P. 15058
Schumacher, P.M. Examples illustrate spread-spectrum modeling techniques 5712
Schumacher, P.M. Use Fourier transforms to model spread-spectrum transmitters. II 14376
Schumacher, P.M. Model propagation effects in spread-spectrum systems 14382
Schumacher, P.M. Spread spectrum. 1. Understand the basics of spread-spectrum communications 14395
Schumacher, R.M., Jr. Phone-based interfaces: research and guidelines 14317
Schuman, H.K. Phased array radiating element design software 44621
Schuman, J.S. *see* Swanson, E.A. 15814
Schumann, D. *see* Eichler, H.J. 3748
Schumann, F. *see* De Brion, J.-P. 38817
Schumann, F. *see* Joly, S. 44009
Schumann, G. *see* Balewski, K. 46775
Schumann, J. *see* Bruckner, W. 9798
Schumann, J. *see* Pukatzki, D. 5382
Schumm, A. *see* Stammnitz, P. 46213
Schumm, B. *see* Auchincloss, P.S. 46953
Schumm, B., Jr. Recharging the acid zinc manganese dioxide system 17231
Schumm, B.A. *see* Kinnel, T.S. 38880
Schunck, B.G. Robust computational vision 29749
Schunk, R.W. *see* Crain, D.J. 47254
Schunk, R.W. *see* Zhu, L. 47255
Schunke, B., Gowers, C.W., Hirsch, K., Nielsen, P. A laser diode as a light source for calibrating the time base of a streak camera 14867
Schuocker, D. *see* Bohrer, M. 11941
Schuppen, A., Jebasinski, R., Mantl, S., Marso, M., Luth, H., Breuer, U., Holzbrecher, H. Phosphorus redistribution during the formation of buried $CoSi_2$ layers by ion beam synthesis 27582
Schuppen, A. *see* Erben, U. 42209
Schuppen, A. *see* Radermacher, K. 27566
Schuppen, A. *see* Werner, P. 10737
Schuppert, B. *see* Fischer, U. 43487
Schuppert, B. *see* Majd, M. 3127
Schuppert, B. *see* Zinke, T. 11666
Schuppler, S., Adler, D.L., Pfeiffer, L.N., West, K.W., Chaban, E.E., Citrin, P.H. Can electrical deactivation of highly Si-doped GaAs be explained by autocompensation? 2020
Schur, B., Edmair, B. Concept and design of a low cost FDDI concentrator. PC-similar construction saves development time 45911
Schurack, E. *see* Blumel, R. 40386
Schurch, R., Straub, G. Fundamentals of cost centre invoicing for a power station 32516
Schurek, C.E. *see* Howie, W.A. 24933
Schurer, H. *see* Tilmans, H.A.C. 38483
Schurig, J. *see* Blumel, R. 40386
Schurman, D.J. Nondestructive inspection: human factors is still the key 39138
Schurmann, B. Reduction of routing area in high-level synthesis 19943
Schurmann, B., Altmeyer, J., Zimmermann, G. Three-phase chip planning—an improved top-down chip planning strategy 26618

Schurr, A. *see* Kosslowski, S. 19144
Schurr, G. Basics of stereoscopic machine vision for 3D gauging 30146
Schusler, K. *see* Lumholt, O. 20667
Schuss, Z. *see* Nwankpa, C.O. 7836
Schussler, H.W., Heinle, F. Measuring the properties of implemented digital systems 36743
Schussler, J.F. *see* Gruneberg, K. 30985
Schussler, M. *see* Fricke, K. 43092
Schuster, A.E. The PLD/FPGA pilot 41869
Schuster, G., Hechtfischer, D., Fellmuth, B. Thermometry below 1 K 46657
Schuster, H., Bose, D., Klein, M., Kehr, M., Schettler, H. Developments and design studies for lignite-fired steam generators with high efficiency and low-emission combustion 47702
Schuster, H. *see* Brinkmann, C. 39961
Schuster, J., Bauer, C., Friedrich, K. Influences on signal/noise ratio during ultrasonic inspection of composites 33796
Schuster, K. *see* Mohringer, P. 23288
Schuster, K.-F., Harris, A.I., Gundlach, K.-H. A 691 GHz SIS receiver for radio astronomy 6171
Schuster, M. *see* Bosio, C. 15618
Schuster, N. *see* Gronefeld, P.G. 32486
Schuster, R., Ansari, N., Bani-Hashemi, A. A hierarchical edge detector using the first and second derivative operators 30021
Schuster, R. *see* Schneider, E. 48347
Schuster, S. *see* Alff, L. 35283
Schuster, S.A. Real-time signal processing for a jet engine vibration test system 47212
Schut, T.C.B., Florians, A., van der werf, K.O., de Grooth, B.G. Flow cytometry signal processing and data acquisition with a personal computer using an RTI-800 multifunction A/D I/O board 15823
Schutt, J. Ultra-fine-pitch solder paste printing 34358
Schutt-Aine, J.E. *see* Oh, K.S. 4192
Schutte, A. *see* Katschinski, U. 28630
Schutte, F.A. Electric traction in Southern Africa 48240
Schutte, H. *see* Wagemann, E.U. 40466
Schutte, K., Bergmann, H.W., Schubert, E., Queitsch, R. Surface modifications of ceramic materials using excimer lasers; influence of plasma formation and materials properties on possible industrial applications 18304
Schutte, K., Hilhorst, G.J. Comparison levels for iterative estimators for model-based recognition of man-made objects in remote sensing images 7646
Schutte, T. Water drop dynamics and flashover mechanisms on hydrophobic surfaces 16404
Schutte, T. *see* Gutfleisch, F. 16406
Schutte, W., Unser, K.B. Beam current and beam lifetime measurements at the HERA proton storage ring 15349
Schutz, B., Klindworth, A. A VLSI-chip for a hardware-accelerator for the simplex-method 18814
Schutz, H. *see* Gale, M.T. 12461
Schutz, J., Ammann, H., Onishchukov, G.I., Hodel, W., Weber, H.P. A note on the energy dependence of the frequency shift of Raman-generated spectral bands in optical fibres 44133
Schutz, J., Hodel, W., Weber, H.P. Experimental investigation of the Raman induced self-frequency shift of ultrashort Stokes pulses in optical fibres 43420
Schutz, R. *see* Actor, G. 10985
Schutze, T., Stronisch, V Low floor trams with IGBT-3-level inverter 8950
Schutze, T. *see* Tietze, C. 25883
Schuurmans, P. *see* De Moor, P. 24029
Schuyler, M. The network is dead: long live the network! 45613
Schuz, A.D. An overview of the Berne Convention—generally and in relation to computer programs and semiconductor chips 155
Schwab, A.J., Schilli, B., Zinser, K. Concurrent engineering 209
Schwab, D. *see* Randall, B. 391
Schwab, F. Basic aspects of the 24 up to 420 kV network design 7886
Schwab, M. *see* Fillebock, M. 1494
Schwab, W. *see* Derissen, W. 7065
Schwabe, E.J. Optimality of a VLSI decomposition scheme for the deBruijn graph 41550
Schwabe, U.A. Use of a project evaluation and ranking system in Ontario Hydro Nuclear Operations Branch 16550
Schwager, L.A. *see* Post, R.F. 23961
Schwager, P. *see* Blattler, A. 22725
Schwaiger, M. *see* Laubenbacher, C. 24249
Schwalb, S. *see* Burgos-Garcia, M. 30915
Schwalke, U. *see* Abadeer, W. 35016
Schwalm, D. *see* Grieser, M. 6900
Schwalm, D. *see* Grieser, M. 15303
Schwalm, D. *see* von Hahn, R. 15518
Schwalm, E.U. *see* Gross, G.W. 38947
Schwalm, R. *see* Fischer, T. 26944
Schwalm, R. *see* Funhoff, D.J.H. 11050
Schwalm, S.A. *see* Griffith, J.E. 27927
Schwamb, D.H. *see* Swain, D.M. 29069
Schwan, C., Penzkofer, A., Marx, N.J., Drexhage, K.H. Phase-matched third-harmonic generation of Nd:glass-laser picosecond pulses in a new cyanine-dye solution 3838
Schwan, K. *see* MacDonald, J.R. 7689
Schwander, T. *see* Levitt, H. 24352
Schwandner, A. *see* Gortler, A. 40369
Schwandt, P. *see* Anderson, D.R. 7064
Schwandt, P. *see* Huang, H. 7044
Schwank, J.R., Fleetwood, D.M., Shaneyfelt, M.R., Winokur, P.S. A critical comparison of charge-pumping, dual-transistor, and midgap measurement techniques [MOS transistors] 34981
Schwank, J.R. *see* Fleetwood, D.M. 42966
Schwank, J.R. *see* Shaneyfelt, M.R. 34982
Schwank, J.R. *see* Warren, W.L. 34633
Schwardmann, U. Parallelization of a multigrid solver on the KSR1 18082
Schwartz, B., Sauer, K. Integral projection methods for block motion estimation 29967
Schwartz, C.R. *see* Cederquist, J.N. 29844
Schwartz, D.B. ATM scheduling with queuing delay predictions 30383
Schwartz, D.S. *see* Carim, A.H. *(editor)* 17743
Schwartz, E.L. *see* Bederson, B.B. 31308
Schwartz, F.D. Improved air heater operation through on-line monitoring 16631
Schwartz, G. *see* Belady, C.L. 352
Schwartz, J.-L. *see* Bailly, G. 13098
Schwartz, M. Mobile communications: an IC designers perspective 14491
Schwartz, M. *see* Cherry, G. 5334
Schwartz, M. *see* La Porta, T.F. 37129
Schwartz, M. *see* La Porta, T.F. 45536
Schwartz, M. *see* Nguyen, M.-H. 5542
Schwartz, M. *see* Skelly, P. 22715
Schwartz, M. *see* Wang, C. 30313
Schwartz, M.F. Internet resource discovery at the University of Colorado 5458
Schwartz, M.F., Quarterman, J.S. The changing global Internet service infrastructure 14130
Schwartz, M.F., Wood, D.C.M. Discovering shared interests using graph analysis 5423
Schwartz, M.F. *see* Danzig, P.B. 30385
Schwartz, M.F. *see* Wood, D.C.M. 22344
Schwartz, P. Switching regulator integrated circuit with dual outputs 18471
Schwartz, R. *see* Cooper, J.B. 31316
Schwartz, R. *see* Zavaliagkos, G. 21672
Schwartz, R. *see* Zavaliagkos, G. 36620
Schwartz, R.W., Dimos, D., Lockwood, S.J., Torres, V.M. Electrical properties of sol-gel PZT thin films for decoupling capacitor applications 28308
Schwartz, R.W. *see* Dimos, D. 11411
Schwartz, R.W. *see* Lockwood, S.J. 28311
Schwartzel, J. *see* Capelle, B. 20095
Schwartzel, J. *see* Detaint, J. 20066
Schwartzel, J. *see* Detaint, J. 45822
Schwartzel, J. *see* Philippot, E. 18192
Schwarz, A.J., Blundell, B.G. Considerations regarding voxel brightness in volumetric displays utilizing two-step excitation processes 15153
Schwarz, A.J. *see* Blundell, B.G. 15154
Schwarz, A.J. *see* Blundell, B.G. 46547
Schwarz, A.S. Silicon strip vertex detectors at LEP 46850
Schwarz, E., Vogel, H. Digital Audio Broadcasting (DAB); Basics, Introduction Strategy and Activities in Switzerland 30950
Schwarz, E.M., Flynn, M.J. Parallel high-radix nonrestoring division 18591
Schwarz, E.M., Flynn, M.J. Approximating the sine function with combinational logic 18699
Schwarz, G. *see* Litscher, G. 24265
Schwarz, H. *see* Rimmer, R. 15511
Schwarz, K. *see* Schneider, H. 6484
Schwarz, K.-P. *see* Rongxing Li 45879
Schwarz, K.P., Chapman, M.A., Cannon, M.W., Gong, P. An integrated INS/GPS approach to the georeferencing of remotely sensed data 39369
Schwarz, M. *see* Feugnet, G. 20750
Schwarz, R., Wang, F., Grebner, S., Fischer, T., Koynov, S., Chu, V., Brogueira, P., Conde, J. Response time measurements in microcrystalline silicon 34500
Schwarz, R. *see* Brogueira, P. 26486
Schwarz, R. *see* Grebner, S. 10655
Schwarz, R. *see* Lampert, M.D. 35575
Schwarz, R. *see* Ostendorf, H.-C. 28090
Schwarz, R. *see* Pevtsov, A.B. 20548
Schwarz, R. *see* Wang, F. 28129
Schwarz, R. *see* Wang, F. 28609
Schwarz, R.B. *see* Anani, A. 32997
Schwarz, S.E. *see* Prouty, M.D. 4212
Schwarz, S.E. *see* Prouty, M.D. 34228
Schwarz, T. *see* Bouecke, R. 39887
Schwarz, Th. *see* Schneider, D. 9855
Schwarz, U. *see* Borsch, H. 15552
Schwarz, U. *see* Derissen, W. 7065
Schwarz, U.D. *see* Dammer, U. 28348
Schwarz, W. *see* Balewski, K. 46775
Schwarz, W. *see* Bohme, F. 991
Schwarz, W. *see* Gotz, M. 26658
Schwarze, U., Kuther, T. Shielded rooms for safe computers 12623
Schwarze, V.S., Hartmann, T., Leins, M., Soffel, M.H. Relativistic effects in satellite positioning 39341
Schwarzenbach, H.U., Korvink, J.G., Roos, M., Sartoris, G., Anderheggen, E. A micro electro mechanical CAD extension for SESES 31181
Schwarzkopf, O. Computing convolutions on mesh-like structures 13826
Schwarzlander, H. *see* Saade, J.J. 36639
Schwarzlander, H. *see* Slamani, M. 14689
Schwarzlander, H. *see* Tsao, T. 14688
Schwede, H. Power to the customer. Power supplies for electronic controls 40301
Schwedhelm, R. *see* Angert, N. 6905
Schwedler, R. *see* Kohl, A. 9643
Schwedler, R. *see* Waschke, C. 44119
Schweeger, G., Hasegawa, H., Hartnagel, H.L. Fabrication and characterisation of direct Schottky contacts to two-dimensional electron gas in GaAs/AlGaAs quantum wells 42556
Schweer, A. *see* Heiss, W. 24871
Schweer, A. *see* Hugel, R. 47411
Schweicher, E., Coudenys, G. IR thermography and applications 46430
Schweickert, H. *see* Bley, P. 15325
Schweiger, M., Arridge, S.R. Application of a finite element model in near infrared-red spectroscopy and imaging 47053
Schweiger, M. *see* Arridge, S.R. 37037
Schweighofer-Berberich, K. *see* Horwitz, A.E. 24173
Schweikard, A., Adler, J.R., Latombe, J.-C. Motion planning in stereotaxic radiosurgery 47120
Schweiker, K. *see* Pedersen, J.F. 21928
Schweiker, K.S. A fractal detection algorithm for a LADAR sensor 23209
Schweikert, R. *see* Franz, J. 5958
Schweikhard, L. *see* Alber, G.M. 7288
Schweitzer, E.O., III, Feltis, M.W., Eineweihi, A.F. Improved sensitivity and security for distribution bus and feeder relays 32471
Schweitzer, E.O., III, Hou, D. Filtering requirements for distance relays 32477
Schweitzer, E.O., III, Hou, D. Filtering for protective relays 32492
Schweitzer, E.O., III *see* Elneweihi, A.F. 16441
Schweitzer, J.S. *see* Daghighian, F. 15734
Schweitzer, M., English, M., Altman, J. DSM/IRP collaboratives: what have they accomplished? 39531
Schweitzer, P.J., Serazzi, G., Broglia, M. A survey of bottleneck analysis in closed networks of queues 5227
Schweizer, H. *see* Adler, F. 27553
Schweizer, H. *see* Bauerle, P. 26528
Schweizer, H. *see* Bergmann, R. 27552
Schweizer, H. *see* Geiger, F. 43662
Schweizer, H. *see* Griesinger, U.A. 27923
Schweizer, H. *see* Hommel, J. 27754
Schweizer, H. *see* Kaden, C. 20808
Schweizer, H. *see* Kaden, C. 34856
Schweizer, H. *see* Prins, F.E. 27542
Schweizer, H.P. *see* Epler, J.E. 671
Schweizer, L., Parladori, G., Sicuranza, G.L. Globally trained neural network architecture for image compression 4887
Schweizer, S.M., Stevenson, R.L. A Bayesian approach to inverse halftoning 22087
Schweizer, W. *see* Sulz, G. 6642
Schwelb, O. Characteristic equations and dispersion characteristics of lossy anisotropic electromagnetic waveguides 12664
Schwenter, N. *see* Li, B. 42702
Schwentner, N. *see* Schilling, G. 36012
Schweppe, E.-G., Demmel, E., Isagawa, S., Yoshida, M. Stability improvement of high power klystron YK1303 10621
Schwerdtfeger, S. *see* Kaatze, U. 24551
Schwerin, A.v. *see* Heyns, M.M. 2550
Schwering, F. *see* Choon Sae Lee 4275
Schwering, F.K. *see* Heron, P.L. 36436
Schwering, F.K. *see* Mink, J.W. 34277
Schwering, F.K. *see* Morgan, M.A. 44593
Schwering, F.W. *see* Heron, P.L. 1424
Schwering, P., Kruseman, B. All-sky infrared cloud clutter for IRST systems 32155
Schwetman, H., Walrand, J., Bagchi, K., DeGroot, D. *(editors)* MASCOTS '93. International Workshop on Modeling, Analysis and Simulation of Computer and Telecommunication Systems (IEEE Cat. No.93TH0514-0) 17662
Schwick, C. *see* Baur, R. 46897
Schwider, J., Haselbeck, S., Schreiber, H., Sickinger, H., Falkenstorfer, O., Lindlein, N., Keinonen, T., Sheridan, S., Streibl, N. Production and control of refractive and diffractive microlenses 12457
Schwider, J. *see* Collischon, M. 12297
Schwider, J. *see* Heissmeier, M. 35460
Schwider, J. *see* Krackhardt, U. 36079
Schwider, J. *see* Volkel, R. 3374
Schwider, J. *see* Volkel, R. 10588
Schwider, T., Streibl, N., Schmidt, J., Zurl, K., Volkel, R. Synchronous optical clock distribution for optoelectronic interconnections 28669
Schwiderski, G. Upsizing information systems by rightusing state-of-the-art computer technology, datacommunications, relational databases, software-tools and CASE 45592
Schwierz, F. Simulation of the electrical behaviour of GaAs MESFETs with doping and low-field mobility profiles in the active layer 19899

Schwind, A. *see* Vasil'ev, A.V. 7195
Schwind, A. *see* Vasil'ev, A.V. 7211
Schwing, J.L. *see* Bhagavathi, D. 43070
Schwing, J.L. *see* Olariu, S. 5009
Schwob, P.R. An in-receiver database—the critical factor in RBDS 14759
Schwuttke, U.M., Quan, A.G., Holder, B. Intelligent data presentation for real-time spacecraft monitoring 24406
Schyns, E. *see* Adam, W. 7259
Schyns, E. *see* Adam, W. 31715
Schyns, E. *see* Adam, W. 46929
Schyns, E. *see* Lenzen, G. 46932
Sciacca, G. *see* Amendolia, S.R. 18746
Sciacca, G.F. *see* Bedeschi, F. 38912
Scibona, G. *see* Botre, F. 6611
Scifres, D. *see* O'Brien, S. 12198
Scifres, D. *see* O'Brien, S. 12232
Scifres, D. *see* Sanders, S. 43835
Scifres, D. *see* Waarts, R. 29019
Scifres, D.R. *see* Dzurko, K.M. 12181
Scifres, D.R. *see* Waarts, R.G. 20845
Scimeca, T., Prabhakaran, K., Watanabe, Y., Maeda, F., Oshima, M. Novel method for rejuvenating and fabricating stable Se/GaAs surfaces 2144
Scimeca, T. *see* Prabhakaran, K. 42729
Scimeca, T. *see* Prabhakaran, K. 42731
Scimeca, T. *see* Sugiyama, M. 10911
Scimeca, T. *see* Watanabe, Y. 41315
Sciortino, P.F. *see* Chen, Y.K. 28487
Sciortino, P.F., Jr. *see* Kapre, R.M. 27686
Sciortino, P.F., Jr. *see* Lee, B.-T. 10934
Sciortino, P.F., Jr. *see* Nichols, D.T. 12144
Sciortino, P.F., Jr. *see* Tsang, W.T. 42719
Sciulli, F. *see* Auchincloss, P.S. 46953
Sciulli, F. *see* Wang, M.-Z. 31689
Sciulli, F.J. *see* Kinnel, T.S. 38880
Sciuto, D. *see* Bezzi, G. 33842
Sciuto, D. *see* Bezzi, G. 41875
Sciuto, D. *see* Buonanno, G. 1209
Sciutto, G. *see* Coles, P.C. 8929
Sciutto, G. *see* Ghiara, T. 48301
Sclabassi, R.J. *see* Mingui Sun 7433
Sclabassi, R.J. *see* Sun, M. 22105
Sclavos, J. *see* Znaty, S. 45446
Scobel, W. *see* Bollmann, R. 46869
Scofield, J., Liu, S., Smith, S. Comparison of GaAs metallization systems for high temperature applications 42789
Scofield, J.H. Frequency-domain description of a lock-in amplifier 38433
Scofield, J.H., Borland, N., Fleetwood, D.M. Random telegraph signals in small gate-area P-MOS transistors 19815
Scofield, J.H. *see* Fleetwood, D.M. 19806
Scofield, J.H. *see* Moreno, J.C. 35646
Scoglio, C.M. *see* Ammar, M.H. 5253
Scognetti, T. *see* Bachler, J. 46915
Scognetti, T. *see* Baechler, J. 46909
Scognetti, T. *see* Braem, A. 46902
Scognetti, T. *see* Di Mauro, A. 46917
Scognetti, T. *see* DiMauro, A. 31744
Scognetti, T. *see* DiMauro, A. 46939
Scopelliti, L. *see* Bastida, E.M. 28203
Scordilis, M.S. *see* Grayden, D.B. 4574
Scordilis, M.S. *see* Lim, T.S. 14306
Scorer, T. TrakBak vehicle location and recovery 22988
Scorrano, G. *see* Dionisi, S. 14063
Scott, A. Apparatus—gateway to the network 45668
Scott, A. *see* Lunn, A. 5595
Scott, A. *see* Shi, C. *(editor)* 17732
Scott, B.F. *see* Young, R.C.D. 13596
Scott, C. An overview of the communication options for broadcast DGPS corrections 23239
Scott, C., Dorman, D. Making ends meet—a market focus for the development of broadband networks and services 37244
Scott, C. *see* Kumble, B. 37619
Scott, C.A. *see* Eaton, G.H. 46784
Scott, C.G. *see* Al-Achkar, M. 48131
Scott, D.M. *see* Greenwell, R.A. 6530
Scott, D.R. *see* Cutler, A. 13002
Scott, D.R. *see* Cutler, A. 29516
Scott, J.B. *see* Parker, A.E. 10451
Scott, J.C. *see* Silence, S.M. 20235
Scott, J.F., Azuma, M., Paz De Araujo, C.A., McMillan, L.D., Scott, M.C., Roberts, T. Dielectric breakdown in high-≫epsilon/ films for ULSI DRAMs. II. Barium-strontium titanate ceramics 43153
Scott, J.F., Chen, T., Phillipson, P.E. May-Leonard oscillations in ferroelectric thermal lenses 35147
Scott, J.F., Melnick, B.M., McMillan, L.D., Paz de Araujo, C.A. Dielectric breakdown in high-ε films for ULSI DRAMs 43141
Scott, J.F. *see* Chen, T. 38512
Scott, J.S., Kaminski, J.P., Allen, S.J., Chow, D.H., Lui, M., Liu, T.Y. Terahertz response of resonant tunneling diodes 42860
Scott, J.S., Kaminski, J.P., Wanke, M., Allen, S.J., Chow, D.H., Lui, M., Liu, T.Y. Terahertz frequency response of an $In_{0.53}Ga_{0.47}As/AlAs$ resonant-tunneling diode 42854
Scott, J.W. *see* Geels, R.S. 43851
Scott, J.W. *see* Kilcoyne, M.K. 33366
Scott, J.W. *see* Peters, F.H. 35814
Scott, J.W. *see* Peters, M.G. 20807
Scott, J.W. *see* Peters, M.G. 35889
Scott, J.W. *see* Thibeault, B.J. 20770
Scott, J.W. *see* Young, D.B. 12194
Scott, J.W. *see* Young, D.B. 35915
Scott, K. The importance of automotive diagnostics in the search of excellence 25920
Scott, K. Results of the ISO Task Force 2 Diagnostic Requirements Survey 48434
Scott, K.E. *see* Chen, X. 22916
Scott, K.E. *see* Fattouche, M. 4107
Scott, K.J. Efficient image theory for electromagnetic field modelling in PCB 34334
Scott, K.J. *see* du Cloux, R. 34340
Scott, K.J. *see* Milsom, R.F. 34333
Scott, M. *see* Acklin, M.W. 47725
Scott, M.A. Contractually mandated manufacturing specifications: are they really necessary? 33302
Scott, M.C. *see* Melnick, B.M. 35144
Scott, M.C. *see* Scott, J.F. 43153
Scott, N.L. *see* Vaughan, R.G. 4309
Scott, N.L. *see* Vaughan, R.G. 22819
Scott, P.C. System level HIRF testing 39268
Scott, P.W.R. *see* Wilson, R. 2489
Scott, R.N. *see* Morin, E. 15914
Scott, R.P.I., Cooke, P.J. Video transmission using millimetre wave radio systems 14448
Scott, R.S., Dumin, D.J. Voltage, fluence, and polarity dependence of trap generation inside of thin silicon oxide films 19451
Scott, R.S. *see* Dumin, D.J. 43155
Scott, S. *see* Hughes, L. 25206
Scott, S.L. *see* Padin, S. 14742
Scott, T. *see* Cramer, G. 8245
Scott, T.R. *see* Jones, R.D. 6830
Scott, T.R. *see* Jones, R.D. 35950
Scott, T.S. *see* Voldman, S.H. 28277
Scott, W.A. *see* Pomponi, R. 45737
Scott, W.R., Ryan, M.J., III, Granata, D.M. Interferometric study of audio frequency vibrations in type 1-3 piezocomposites 20047
Scott, W.R. *see* Sottos, N.R. 20043
Scott Corson, M., Ephremides, A. A multiple access protocol for indoor wireless communications in factories 37118
Scotti, C., Gharbage, B., Lauret, H., Levy, M., Hammou, A. Thermal expansion and electrical conductivity of yttria-substituted lanthanum strontium manganites 1868
Scotti, G. The certification of quality assurance systems 26223
Scotti di Uccio, U. *see* Esposito, E. 31773
Scouarnec, F.-P.le *see* le Scouarnec, F.-P.
Scoville, N.Z. *see* Padin, S. 14742
Scozzafava, J.J., Stephens, T., Sultana, J.A. Environmental packaging of fiber-optic integrated circuits 43494
Scriba, J. *see* Simon, A. 15027
Scribner, K., Mehalic, M. Development and simulation of a 4080-point Winograd fast Fourier transform processor 18785
Scripsick, M.P., Edwards, G.J. The role of point defects in optical damage of nonlinear crystals 21074
Scrivner, G.J. *see* Halbleib, J.A. 39156
Scrosati, B. *see* Capuano, F. 32988
Scrosati, B. *see* Croce, F. 17205
Scrosati, B. *see* Passerini, S. 8743
Scruby, C.B., Moss, B.C. Non-contact ultrasonic measurements on steel at elevated temperatures 41503
Scucchia, L. *see* Giannini, F. 1073
Scucchia, L. *see* Giannini, F. 10458
Scuka, V., Demoulin, B. Effects of transients of equipment 44429
Scuka, V. *see* Windmar, D. 16405
Sculati, J.R. *see* Barot, D.T. 8257
Sculley, T.L., Brooke, M.A. Behavioral simulations of a self-correcting A/D converter architecture 10235
Scully, M.O. *see* Walther, H. *(editor)* 9123
Sculthorpe, M. A view from the top [project management] 40885
Sculy, I. *see* Lucat, P. 39968
Sdigui, A., Benjelloun, M. Matching of 2D region in a monocular image sequence by a fixed or a mobile camera 5072
Sdigui, A., Benjeloun, M. 2D line segments tracking and segment chains matching 13680
Se Ii Park, Kyu-Tae Kim, Yong Ho Lee, Rae Duk Lee Development of Nb/Al-oxide/Nb Josephson junction array at KRISS [voltage standard] 2892
Se Il Kim *see* Andersen, B.R. 39579
Se Yun Kim *see* Huen Tae Ha 4319
Se Yun Kim *see* Sung Yong Hong 4170
Se-Woo Cheon *see* Ki-Sig-Kang 39762
Seabaugh, A. *see* Frazier, G. 33944
Seabaugh, A.C., Beam, E.A., III, Taddiken, A.H., Randall, J.N., Kao, Y.-C. Co-integration of resonant tunneling and double heterojunction bipolar transistors on InP 11290
Seabaugh, A.C., Taddiken, A.H., Beam, E.A., III, Randall, J.N., Kao, Y.-C., Newell, B. Room-temperature resonant tunnelling bipolar transistor XNOR and XOR integrated circuits 1137
Seabaugh, A.C. *see* Beam, E.A., III 778
Seabaugh, A.C. *see* Beam, E.A., III 41327
Seabaugh, A.C. *see* Mikkelson, C.H. 42998
Seabaugh, A.C. *see* Moise, T.S. 19795
Seabaugh, A.C. *see* Moise, T.S. 42863
Seaberg, C.E. *see* Bliss, W.G. 10224
Seabury, C.W., Farley, C.W., McDermott, B.T., Higgins, J.A., Lin, C.L., Kirchner, P.J., Woodall, J.M., Gee, R.C. Base recombination of high performance InGaAs/InP HBT's 27207
Seaford, B. *see* Wojcik, R. 7244
Seaford, B. *see* Wojcik, R. 31687
Seager, C.H. *see* Loubriel, G.M. 28622
Seager, C.H. *see* Tuttle, B.A. 28323
Seager, R.D. *see* Iyer, M.K. 9291
Seagull, F.J. *see* Gopher, D. 15963
Seah, K.G. *see* Lye, K.M. 30219
Seah, K.G. *see* Lye, K.M. 45604
Seah, K.H.W., Lim, K.B., Chew, C.H., Teoh, S.H. Correlation between the in-process acoustic emission method and the weight loss method of measuring corrosion 26532
Seal, R.B., Sr. Integrated communications enhances automated customer information system 32340
Seales, W.B., Faugeras, O.D. Global surface reconstruction from many views of the extremal boundary 30046
Seales, W.B. *see* Kutulakos, K.N. 30047
Seals, D. *see* Gallagher, J. 8895
Seals, J. *see* Montgomery, J.P. 44626
Seals, J.D. *see* Benning, S.L. 39261
Seals, J.D. *see* Pimpinella, R.J. 39208
Seals, R.C. Position feedback control with a 'smart' controller based on an FPGA 40263
Sealy, B.J. *see* Hunt, T.D. 10881
Sealy, B.J. *see* Kozanecki, A. 19375
Sealy, L.T., Barklie, R.C. EPR study of defects by MeV ion implantation into silicon 10834
Seaman, C.L. *see* Weir, S.T. 28395
Seamans, J.F. *see* Tidwell, S.C. 20721
Seamster, T.L., Cannon, J.R., Pierce, R.M., Redding, R.E. Analysis of en route air traffic controller team communication and controller resource management (CRM) 7571
Seara, R. *see* Albertazzi, A., Jr. 29875
Search, D.J., Hobson, C.A., Atkinson, J.T., Porter, A.K. The application of non-algorithmic techniques to the analysis of optical Fourier transforms for quality evaluation of small objects 26218
Searle, M., McCulloch, J., Last, D. Calculation of ECD over inhomogeneous terrain using Millington's method 6163
Searle, M. *see* Last, D. 46140
Searle, S.J. *see* Quinn, B.G. 44888
Searles, S.K. *see* Bowman, S.R. 3492
Searles, S.K. *see* Bowman, S.R. 20727
Sears, J. *see* Korytov, A. 31775
Sears, J. *see* Moffat, D. 15431
Sears, J. *see* Padamsee, H. 6995
Sears, J. *see* Padamsee, H. 15428
Seaux, J.P. *see* Delaveaud, C. 44633
Seaver, C.R., III, Kirby, J.K., Landman, R.J. Distribution automation at the DFW International Airport 7879
Seaver, M.M. *see* Lyons, W.G. 1402
Seavey, M. The complex signal C/ATLAS structure: a signal description construct for the future 23432
Seaward, D.R., Johnson, R.C. Selecting electric servo systems for a dynamic accuracy rather than a power-torque specification 17503
Seaward, D.R., Vernon, G.W. Using high performance drives technology in high-speed machinery—an original equipment manufacturer's point of view 17502
Seawright, K. *see* Randall, B. 391
Sebak, A. *see* Hussein, M. 36167
Sebald, G., Lankl, B., Schmidmaier, R., De Man, E. A single chip adaptive QAM processor for data rates up to 500 Mbit/s 14415
Sebald, M. *see* Leuschner, R. 11101
Seban, R.R. A high performance critical section protocol for distributed systems 47205
Sebastia, R.N. *see* Sanchez, J.J.D. 45742
Sebastian, J.L., Miranda, J.M. MWAVE2: a tool for microwave amplifier design 27241
Sebastian, P.J., Gomez-Daza, O., Campos, J., Banos, L., Nair, P.K. The structural, transport and optical properties of screen printed Cu_xS thick films 34557
Sebastian, P.J. *see* Fernandez, A.M. 792
Sebastian, P.J. *see* Fernandez, A.M. 34546
Sebastiao, J.R. *see* Carbonari, A.W. 10806
Sebele, M.G. *see* Lau, A. 26216
Seberry, J., Xian-Mo Zhang, Yuliang Zheng On constructions and nonlinearity of correlation immune functions 29491
Seberry, J., Xiang-Mo Zhang, Yuliang Zheng Improving the strict avalanche characteristics of cryptographic functions 44725
Seberry, J., Zhang, X.-M. Highly nonlinear 0-1 balanced Boolean functions satisfying strict avalanche criterion 21563
Seberry, J. *see* Brown, L. 12964
Seberry, J. *see* Desmedt, Y. 21554
Seberry, J. *see* Zheng, Y. 12930
Seberry, J. *see* Zheng, Y. 21559
Seberry, J., Zheng, Y. *(editors)* Advances in Cryptology - AUSCRYPT '92. Workshop on the Theory and Application of Cryptographic Techniques Proceedings 17664

Sebille, D. *see* Hazard, P. 2467
Sebille, D. *see* Kerboua, H. 2494
Sebo, S.A. *see* Caldecott, R. 36230
Secades, M.R., Viejo, C.B., Alvarez, J.M.A. Emergency supply equipment for the operation of high-frequency fluorescent lamps 25933
Sechen, C. *see* Roy, K. 18408
Sechen, C. *see* Roy, K. 41828
Sechen, C. *see* Sun, W.-J. 19934
Sechenov, D.A., Svetlichnii, A.M., Solov'ev, S.I., Ageev, O.A. Effect of heating rate on formation of thermal stresses in silicon sheet during rapid annealing 10941
Sechler, R.F. RISC system/6000 central processing unit (CPU) MCM 305
Sechler, R.F., Chopra, M.A. Comparison of multichip and single-chip modules for high performance workstations 390
Sechler, R.F. *see* Chopra, M.A. 9305
Secrest, J. The reasoning behind "cost of ownership" 166
Seda, S.J., Degrauwe, M.G.R., Fichtner, W. Lazy-expansion symbolic expression approximation in SYNAP 26601
Sedar, D.A. The development of DPNSS to support specific customer requirements 22431
Sedayao, M.J. Current conveyors: a new look at some older applications 10266
Sedding, H.G. *see* Braun, J.M. 16370
Sedding, H.G. *see* Braun, J.M. 32431
Sedding, H.G. *see* Steiner, J.P. 47592
Sedding, H.G. *see* Werelius, P. 2692
Seddon, A.B. Applicability of sol-gel processing in production of silica based optical fibres 20322
Sedelnikov, A.E. *see* Kiselev, N.A. 10973
Sedgewick, R. *see* Golin, M.J. 44663
Sedghi, A. *see* Brazier, P.L. 24728
Sedgwick, T.O., Agnello, P.D., Grutzmacher, D.A. Effects of trace surface oxidation in low temperature epitaxy grown from dichlorosilane 18151
Sedgwick, T.O. *see* Zaslavsky, A. 43028
Sedillot, S. *see* Andrae, C. 14117
Sedlacek, J.H.C. *see* Rothschild, M. 11035
Sedlacek, M. *see* Anderson, D.R. 7064
Sedlacek, M. *see* Bergmark, T. 31594
Sedlacek, M. *see* Derissen, W. 7065
Sedlacek, M. *see* Erhartt, L.L. 16975
Sedlmeyer, R.L. *see* Thuente, D.J. 7675
Sedol, Ya.Ya. *see* Ionin, G.L. 13940
Sedov, A. *see* Song, S.-J. 907
Sedov, V.N. *see* Bazhenov, A.N. 31784
Sedunov, E.V. *see* Kozlov, V.P. 14861
Sedykh, E.I. Informative properties of complex envelope of reflected signal 6101
Sedykh, S.N. *see* Kaminsky, A.A. 43695
See, B.A. Ray trace analysis of the spinning prism Q-switch 12294
See, C.C. *see* Kam, P.Y. 29419
See, C.M.S. Sensor array calibration in the presence of mutual coupling and unknown sensor gains and phases 44821
See, J.B. *see* Chen, Z.W. 17224
See Ng Geok *see* Ng Geok See
Seebass, M. *see* Wust, P. 24339
Seeberg, A. *see* Kock, A. 3587
Seed, N.L. *see* Davidson, S. 41964
Seed, N.L. *see* Lane, R.A. 45236
Seeds, A.J. *see* Ramos, R.T. 20910
Seeds, A.J. *see* Ramos, R.T. 36447
Seeger, D. Resist materials and processes for X-ray lithography 2303
Seeger, D. *see* McCord, M.A. 27975
Seeger, D. *see* Viswanathan, R. 26943
Seeger, D. *see* Viswanathan, R. 28274
Seeger, D.E. *see* Pomerene, A.T.S. 2307
Seeger, H., Kocherhans, B. Telemetering systems and serial coded transmission of original meter values [power system measurement] 25073
Seeger, J.A. *see* El-Rabaie, S. 10471
Seegers, M.C. *see* Klein Wassink, R.J. 34397
Seekamp, E. *see* Protiwa, F.-F. 2510
Seeker, W.R. *see* Sanyal, A. 39934
Seel, N. Traffic management and routing in SDH networks 5366
Seelen, W.Von *see* Von Seelen, W.
Seeley, C.E., Chattopadhyay, A. The development of an optimization procedure for the design of intelligent structures 2738
Seeley, J.S. *see* Irwin, P.G.J. 28578
Seelig, W. *see* Tauschwitz, A. 31573
Seeliger, A. *see* Dumoulin, L. 23908
Seelinger, C. *see* Padin, S. 14742
Seely, J.F. *see* Hunter, W.R. 3711
Seely, M.A. *see* Olson, D.W. 45927
Seely, W. *see* Staudinger, J. 10437
Seem, D.A., Rowe, N.C. Shape correlation of low-frequency underwater sounds 44959
Seeman, J. *see* Pellegrini, C. 44002
Seeman, J.T. Observation of high current effects in high energy linear accelerators 31548
Seeman, J.T. Status of the Stanford Linear Collider 46711
Seeman, J.T. *see* Decker, F.J. 15369
Sees, J.A. *see* Pinizzotto, R.F. 33754
Seesselberg, E. *see* Balewski, K. 46775
Seestaedt, B., Kummert, F., Sagerer, G. Speech understanding by alternating control: a semantic network based approach 13156
Seestrom, S.J. *see* Szymanski, J.J. 38862
Seet, G.L. *see* Maani, G. 17450
Seet, P.K. *see* Gay, R.K.L. 14205
Seetha, A. *see* Marar, T.M.K. 47018
Seethalakshmy *see* Rangarajan, K. 13735
Seetharaman, G.S. *see* Reddy, P.K. 27175
Seetharaman, S. *see* Srinivasan, N.S. 38732
Seez, C. *see* Bencze, G.L. 38858
Seez, C. *see* Gasparini, F. 7223
Seferidis, V. *see* Ghanbari, M. 6195
Sefton, P. *see* Rowles, C. 4579
Sega, R.M. *see* Nordgaard, J.D. 36299
Segal, A. *see* Zmola, C. 4975
Segal, A.M. Analysis of the interaction between busbars, line conductors and screens, allowing for the proximity effect 16313
Segal, M. *see* Gorenshtein, A. 17244
Segalescu, V.A. *see* Zibulski, M. 21825
Segall, A. *see* Cidon, I. 22543
Segall, A. *see* Reshef, Y. 37503
Segall, A. *see* Sharon, O. 45342
Segall, E. *see* Cory, H. 44541
Segato, G. *see* Beker, H. 7152
Segato, G.F. *see* Signorini, C. 31799
Segawa, E., Wakai, T., Sakai, T., Saiki, M., Kawamura, T. Five line-to-ground fault in 275 kV double-circuit transmission line 24941
Segawa, M. *see* Kadota, H. 35066
Segawa, S. *see* Baba, Y. 10592
Segawa, S. *see* Iwanaga, T. 23345
Segawa, Y. *see* Mochizuki, K. 26397
Segelbacher, U. *see* Bauerle, P. 26528
Segers, D., Paridaens, J., Dorikens, M., Dorikens-Vanpraet, L. Beam handling with a Penning trap of a LINAC-based slow positron beam 31553
Segeth, K. Grid adjustment based on a posteriori error estimators 41199
Segev, M. *see* Kewitsch, A. 21119
Segev, M. *see* Rosen, J. 12448
Segev, M. *see* Rosen, J. 12454
Seggern, H.von *see* von Seggern, H.
Segler, S. *see* Amidei, D. 46890
Segler, S. *see* Tkaczyk, S. 46989
Segner, B.P. *see* Ren, F. 3637
Sego, D.J. Velocity matched filtering/coherent integration of ultrawideband pulse trains 46054
Seguin, F., Oleskevich, T. Diode-pumped *Q*-switched fiber laser 3573
Seguin, G.E. A counter-example to a recent result on the q-ary image of a q^5-ary cyclic code 44692
Seguin, H.J.J. *see* Nikumb, S.K. 3709
Seguin, H.J.J. *see* Sellathamby, C.V. 3729
Seguin, H.J.J. *see* Sellathamby, C.V. 12301
Seguin, J.-N., Fourmigue, J.-M., Parpal, J.-L. Multiple dielectric relaxation mechanisms in XLPE cable insulation 43196
Seguin, J.-N. *see* Parpal, J.-L. 16361
Seguin, Ph. Combustion of various wastes in a circulating fluidised bed 16645
Seguin, R. *see* Rauen, K.L. 14969
Seguinot, J., Ypsilantis, T. A historical survey of ring imaging Cherenkov counters 46894
Seguinot, J. *see* French, M. 46990
Seguinot, J. *see* Guyonnet, J.L. 46904
Seguinot, J. *see* Ypsilantis, T. 46895
Segur, P., Colautti, P., Moutarde, C., Conte, V., Alkaa, A., Talpo, G., Tornielli, G., Rabehi, A. Comparison between experimental and theoretical determination of the space variation of the gas gain inside low pressure TEPCs 46925
Segur, P. *see* Boutruche, B. 47141
Segura, J.C., Rubio, A.J., Diaz, J.E., Garcia, P., Benitez, M.C. Preliminary results of work on MVQHMM models 12992
Segura, J.C., Rubio, A.J., Peinado, A.M., Garcia, P., Roman, R. Multiple VQ hidden Markov modelling for speech recognition 44776
Sehgal, B.K. *see* Naik, A.A. 19511
Sehgal, C.M., Guidera, S.A., Yeramosu, V.G., Laskey, W.E. Measurements of regional mechanical stress on blood vessels by intravascular ultrasound imaging 7399
Sehgal, V. *see* Bylsma, B. 15667
Sehil, H., Lhermite, H., Raoult, F., Colin, Y. Effect of thickness and granular structure on the electrical conductivity of the active layer in polycrystalline silicon TFTs 19846
Sei, N. *see* Yokoyama, M. 46720
Sei-Joo Jang *see* Shaoping Li 6734
Sei-Yu Tsai, Peng-Yung Woo An optimal DC motor controller design with self-regulation and input-output tracking in the load presence 8434
Seibel, G., Christoph, W., Haase, H., Cossmann, R., Schanz, R. Schkopau power plant feeds 50 Hz and 16 $^2/_3$ Hz grids 32664
Seibel, J. *see* Thiede, A. 27025
Seibel, J. *see* Thiede, A. 33996
Seibert, I. STD Bus—still viable after all these years 37410
Seibert, M. *see* Waxman, A.M. 7684
Seibertz, E. *see* Trahms, L. 31883
Seibold, W. *see* Ryba, M. 955
Seibt, M. Relaxation-induced gettering of metal impurities in silicon: microscopic properties of effective gettering sites 2013
Seibt, M. Evolution of amorphous/crystalline interfacial roughness and end-of-range defects during solid-phase epitaxial regrowth of Ge implanted silicon 18215
Seibt, M., Imschweiler, J., Hefner, H.-A. Formation of end-of-range defects in silicon at low temperatures 2084
Seidel, C. *see* Bauerle, P. 26528
Seidel, H. *see* Bosch, D. 8725
Seidel, H. *see* Hagen, F.W. 39259
Seidel, H. *see* von Pfeil, D. 22688
Seidel, K. Integrated EVU information systems [electricity supply industry] 24825
Seidel, M. *see* Friedrich, M. 15334
Seidel, S., Phillipps, G. Pulse lengthening by intracavity stimulated Brillouin scattering in a Q-switched, phase-conjugated Nd:YAG laser oscillator 35710
Seidel, W. *see* Colling, P. 20190
Seidel, W. *see* Ferger, P. 38850
Seidel, W. *see* Forster, G. 23528
Seidel, W. *see* Frank, M. 24026
Seidel, W. *see* Nagel, U. 24049
Seidelberger, E. *see* Heindler, M. 39884
Seiden, A. *see* Leslie, J. 7255
Seiden, A. *see* Ohsugi, T. 46838
Seiden, A. *see* O'Shaughnessy, K. 47008
Seiden, A. *see* Ziock, H.-J. 46885
Seiden, A. *see* Ziock, H.J. 7184
Seiden, K. *see* Wikler, G. 25854
Seidinger, F. *see* Stammnitz, P. 46213
Seidl, P. *see* Hahn, K. 31567
Seidl, P.A. *see* Celata, C.M. 31562
Seidl, R. *see* Hauser, E. 39041
Seidlein, R. *see* Bylsma, B. 15667
Seidlein, R. *see* Bylsma, B.G. 31675
Seidler, K.S., Wickens, C.D. Distance metrics in multifunction displays 15142
Seidler, P.F., Kowalczyk, S.P., Banaszak Holl, M.M., Yurkas, J.J., Norcott, M.H., McFeely, F.R. Low temperature selective area chemical vapor deposition of gold films: growth and characterization 41485
Seidler, P.F. *see* Heath, J.R. 18134
Seifert, F., Petrov, V. Difference-frequency generation of near infrared picosecond pulses by non-critical temperature tuning of LiB_3O_5 3768
Seifert, F. *see* Petrov, V. 12061
Seifert, F. *see* Petrov, V. 21089
Seifert, F.J. *see* Zidek, H.P. 2753
Seifert, H. *see* Schneider, S. 31880
Seifert, J. *see* Sass, W. 24341
Seifert, W., Hessman, D., Liu, X., Samuelson, L. Formation of interface layers in $Ga_xIn_{1-x}As/InP$ heterostructures: A re-evaluation using ultrathin quantum wells as a probe 33641
Seifert, W. *see* Samuelson, L. 10956
Seifert, W. *see* Wildau, H.-J. 34959
Seiferth, F. *see* Pang, C. 34686
Seifferly, J.A. *see* Loboda, M.J. 26504
Seifi, A. *see* Hosseini, S.H. 17485
Seige, V. *see* Janovsky, V. 26355
Seiger, H.N. *see* Shuster, N. 17256
Seigneur, F. *see* Autran, J.-L. 11210
Seigneur, F. *see* Autran, J.L. 1962
Seigneur, W.F. Get ready for a network revolution [open architecture] 5319
Seigo, J. *see* Cisson, J. 1714
Seike, T. *see* Kashiwagi, T. 37830
Seikel, G.R. *see* Jackson, W.D. 25834
Seiler, D.G. *see* Lowney, J.R. 15013
Seiler, H. *see* Hutter, G. 9976
Seilmeier, A. *see* Dahinten, T. 3870
Seilmeier, A. *see* Laenen, R. 20976
Seilmeier, A. *see* Moritz, N. 3472
Seino, K. *see* Takagi, T. 34283
Seino, M. *see* Ohska, T.K. 22998
Seino, T., Watanabe, M. Development of optical shutter made of PLZT ceramics and its application 20405
Seino, T. *see* Nakagawa, S. 44795
Seino, Y. *see* Nakajima, T. 17379
Seinsch, H.O. *see* Cerovsky, Z. 25441
Seinsch, H.O. *see* Cerovsky, Z. 48160
Seip, R., Ebbini, E.S., Mo, J.-H., Robinson, A.L. Characterization of a needle hydrophone array for acoustic feedback during ultrasound hyperthermia treatments 15902
Seip, R. *see* Wang, H. 15901
Seireg, R., Kraft, G. Independent parallel encoders scheme 10081
Seireg, R.H., Barbour, A.E. A new algorithm for pattern recognition of voices 13081
Seireg, R.H., Vacroux, A.G. Steady state aliasing error probability for multi-input linear feedback shift registers 10080
Seiriki, M. *see* Watanabe, E. 8896
Seising, R. *see* Lehmann, F. 30423
Seitchik, J.A. *see* Amerasekera, A. 10638
Seitchik, J.A. *see* Machala, C.F., III 42887
Seitz, A., Heiermann, C., von der Heide, B. Non-catalytic NO_x-reduction: design features and experiences with a brown-coal-fired boiler in the Czech Republic 39966
Seitz, C.Ward *see* Ward Seitz, C.
Seitz, H.K. *see* Vettiger, P. 3641
Seitz, J. How to string distribution lines under tension 47542
Seitz, M. *see* Ramos, J. 28410
Seitz, N.B., Wolf, S., Voran, S., Bloomfield, R. User-oriented measures of telecommunication quality 37267

Seitz, P. From electronic photography to the 'seeing' chip. Modern semiconductor picture sensing 6597
Seitz, P. *see* Kramer, J. 11863
Seitz, T., Haubrich, H.-J., Bovy, A. Fuzzy sets in reliability analysis of power distribution systems 32361
Seitz, T. *see* Haubrich, H.-J. 39117
Seitz, T. *see* Jurgen, H. 24867
Seitz, W.E. Motor selection guidelines for precision motion control 8466
Seitzer, D. *see* Guo, N. 21640
Seitzer, D. *see* Scharf, R. 43047
Seitzman, J.M. *see* Patrie, B.J. 6583
Seixas, P.F. *see* Nunes, A.A.C. 40073
Seizo Fujii *see* Dili Zhang 6589
Sejnoha, R. *see* Manzer, A.M. 8084
Seka, W.D. *see* Soures, J.M. 3410
Sekellick, M.A. *see* Stoyanov, Y.J. 14693
Seki, A., Kuroda, S. A movement-oriented intruder detection system with high reliability 6261
Seki, H. Analysis of waveguide directional filters by the moment method 10405
Seki, H., Gohda, T., Shimokohbe, A. A parallel leaf spring structure driven by piezoelectric bimorph actuators 35189
Seki, H., Itoh, Y., Uchida, T., Masuda, Y. Evaluation of the tilted homeotropic alignment of liquid-crystal molecules using the rubbing method [display applications] 23791
Seki, H., Oohashi, T., Shirakura, T., Takemori, S., Midorikawa, Y., Kameyama, H., Yamamura, G., Kotani, K., Sugawara, H. Development of a pulsed power supply for a large-bore copper vapor laser 35938
Seki, H. *see* Higuchi, M. 22364
Seki, H. *see* Ishihara, Y. 30222
Seki, H. *see* Yamane, M. 19162
Seki, I. *see* Shirai, Y. 10595
Seki, K., Osada, H., Chiba, S., Shida, J., Murakami, K. A magnetic semiconductor protective device with built-in multifunction sensors 7987
Seki, K. *see* Kobayashi, K. 37651
Seki, M. *see* Tsuji, H. 28422
Seki, M. *see* Tsuji, H. 28422
Seki, R. *see* Tanaka, Y. 30540
Seki, S., Yamanaka, T., Lui, W., Yokoyama, K. Theoretical analysis of differential gain of 1.55 μm InGaAsP/InP compressive-strained multiple-quantum-well lasers 35879
Seki, S., Yokoyama, K. Strain and quantum-confinement effects on differential gain of strained InGaAsP/InP quantum well lasers 3613
Seki, S. *see* Lui, W.W. 12108
Seki, S. *see* Lui, W.W. 43834
Seki, S. *see* Tsuji, H. 28422
Seki, S. *see* Yamanaka, T. 12115
Seki, S. *see* Yokoyama, K. 12163
Seki, T. *see* Okazaki, T. 20312
Seki, Y., Kamise, C. European trends in research and development of digital television 6220
Seki, Y. *see* Ujiie, M. 45551
Sekido, Y. Characteristics of Ta_2O_5 thin film prepared by electron beam heating method 43620
Sekido, Y. Applied voltage wave form of double insulating electroluminescent device 43653
Sekido, Y., Mita, J. Luminance characteristics of EL devices using electron emitting layers and current limiting layers 11857
Sekiguchi, A. *see* Chen, L. 10959
Sekiguchi, A. *see* Minami, Y. 19686
Sekiguchi, H. *see* Anayama, C. 3630
Sekiguchi, H. *see* Ogawa, K. 37838
Sekiguchi, M., Shida, Y. Orbit analysis of the spiral inflector for cyclotrons 7070
Sekiguchi, M. *see* Yamauchi, H. 34039
Sekiguchi, N. *see* Genno, S. 23042
Sekiguchi, S. *see* Fujimoto, M. 20138
Sekiguchi, S. *see* Hanashima, S. 23949
Sekiguchi, S.-I. *see* Hanamura, T. 13586
Sekiguchi, T. Failure analysis of LSI using emission microscopy 43125
Sekiguchi, T., Okazaki, M., Inaba, T., Ikeda, N., Kobayashi, T., Takakuwa, Y. Development of a quick-acting type fuse for protection of low voltage distribution lines 16461
Sekiguchi, T. *see* Aizawa, T. 35439
Sekiguchi, T. *see* Hoshihara, Y. 4055
Sekiguchi, T. *see* Jeong, S.K. 16851
Sekiguchi, T. *see* Kawamura, M. 22143
Sekiguchi, T. *see* Mukaiyama, Y. 8676
Sekiguchi, T. *see* Murakoshi, H. 34142
Sekiguchi, Y. *see* Miyazawa, S. 35857
Sekiguchi, Y. *see* Shimizu, T. 19167
Sekiguti, H. *see* Nashiyama, I. 34902
Sekihara, K. *see* Ogura, Y. 31922
Sekii, Y. *see* Ohata, K. 39602
Sekii, Y. *see* Sato, T. 16350
Sekikawa, H. *see* Ito, K. 46185
Sekimoto, H., Watanabe, Y., Nakazawa, M. Forced vibrations of thickness-flexure, face-shear and face-flexure in rectangular AT-cut quartz plates 20093
Sekimoto, M. *see* Hasegawa, T. 46862
Sekine, H. *see* Maeyama, K. 8981
Sekine, K. *see* Aoki, M. 14597
Sekine, K. *see* Aoki, M. 38120
Sekine, K. *see* Igarashi, Y. 26734
Sekine, M. *see* Fernandes, D. 23103
Sekine, M. *see* Hirose, N. 14980
Sekine, S., Nitta, T., Aiyama, Y. A method of fault analyses for power systems with superconducting fault current limiters 16462
Sekine, S. *see* Kawano, K. 35458
Sekine, S. *see* Kokubun, K. 6848
Sekine, S. *see* Sato, K. 12167
Sekine, T. *see* Chang, Y. 34232
Sekine, Y., Iwasaki, T. A study on firing phenomena of Ca ion using a hardware model 47110
Sekine, Y. *see* Ikeuchi, T. 45641
Sekine, Y. *see* Morioka, Y. 16260
Sekine, Y. *see* Okamoto, H. 7795
Sekine, Y. *see* Okamoto, H. 24821
Sekine, Y. *see* Sakuta, Y. 43223
Sekine, Y. *see* Sone, K. 27022
Sekine, Y. *see* Yang, C. 25080
Sekioka, S., Yamamoto, K., Imai, S., Suzuki, M., Fujimoto, T., Kinoshita, H. Calculation of flashover characteristics in the electromagnetic transients program 11346
Sekita, I. *see* Boulanger, P. 29750
Sekiya, M., Hara, M., Sano, N., Kohno, A., Sameshima, T. High performance poly-crystalline silicon thin film transistors fabricated using remote plasma chemical vapor deposition of SiO_2 42975
Sekiya, M. *see* Sameshima, T. 34950
Sekiya, T. *see* Hachiya, S. 15128
Sekiya, T. *see* Yamamoto, H. 48262
Seko, T., Arungsrisanachai, I., Shirakawa, I. New scheduling problem for parallel logic simulation of combinational circuit 1140
Sekso, A. HEP investigation of naturally polluted composite insulators 47561
Sekso, A., Mihalic, D., Ilijanic, V. Research of pollution influence on high-voltage insulator construction 25002
Sekula-Moise, P.A. *see* Namavar, F. 34675
Sekulic, Z. *see* Morris, S.R. 2630
Sekulin, R. *see* Adye, T. 38896
Selber, H. *see* Su, L.C. 41291
Selberherr, S. *see* Fasching, F. 26623
Selberherr, S. *see* Halama, S. 11276
Selberherr, S. *see* Kosina, H. 28071
Selberherr, S. *see* Stiftinger, M. 2543
Selbrede, S.C. Chemical vapor deposition of titanium nitride using TiCl4 and tert-butylamine 803
Selby, A. *see* Dawalibi, F.P. 24948
Selcuk, N., Oymak, O., Onal, I. The simulation of atmospheric fluidised-bed combustors with in-situ desulphurisation 32662
Selekhman, N.N. *see* Stognii, V.S. 31169
Selektov, V.L. Systems of dual orthogonality basis functions 21866
Seleme, S.I. *see* Ortega, R. 32863
Selen, M. *see* Alexander, J.P. 24110
Selen, M. *see* Alexander, J.P. 46860
Selen, M. *see* Honscheid, K. 46935
Selen, M.A. *see* Bebek, C.J. 31786
Selent, P.W. *see* Allemong, J.J. 32289
Seletkov, V.L. Variant of solution of the parameter estimation problem 4772
Seletkov, V.L. Comparative analysis of potential accuracy of two estimation methods 13191
Seletskaia, I.V. *see* Beklemishev, V.I. 34768
Selevich, A.F. *see* Oseledchik, Yu.S. 26398
Seleznev, V. *see* Gorbunov, V. 15321
Seleznev, V.S. *see* Lapitsky, S.N. 7085
Seleznev, V.S. *see* Lapitsky, S.N. 7086
Seleznev, V.S. *see* Lapitsky, S.N. 7103
Seleznev, Y.P. *see* Astakhov, V.V. 9924
Self, D. Distortion in power amplifiers. 4. The power amplifier stages 9988
Self, D. Distortion in power amplifiers. 5. Output stages 18496
Self, D. Distortion in power amplifiers. 6. The remaining distortions 33907
Self, D. Distortion in power amplifiers. 7. Frequency compensation and real designs 33910
Self, D. Distortion in power amplifiers 8. Class A amplifiers 41683
Self, K. *see* Wang, X.-S. 34592
Selfa, E. *see* Baquero, M. 29278
Selfridge, R.H. *see* Freeze, J.D. 29045
Selga, J.M. *see* Alvarez-Cuevas, F. 5143
Selifanov, M.A. *see* Manykin, E.A. 2944
Seliga, T.A. *see* Scarchilli, G. 16000
Seliger, G., Furrgac, I., Hentschel, C. Factory innovation through technology transfer 45384
Seliger, M. *see* Wirzbicki, M.A. 19681
Seligman, P.M. *see* Blamey, P.J. 7484
Seligman, P.M. *see* Blamey, P.J. 31988
Seligman, W.G. *see* Auchincloss, P.S. 46953
Seligman, W.G. *see* Kinnel, T.S. 38880
Seligmann, B. *see* Dodd, A.C. 7229
Seligson, J. *see* Nyyssonen, D. 23877
Selih, J. *see* Bencic, Z. 11188
Selim, M.M. *see* Abo Zaid, A. 13648
Selim, R. *see* Hooker, M.W. 24489
Selin, A.V. *see* Skachkov, V.S. 15543
Seling, T.V. *see* Padin, S. 14742
Selister, S.I. *see* Kim, C. 34798
Selitser, S.I. *see* Choongun Kim 27794
Selke, O. *see* Lohmann, D. 46810
Selke, O. *see* v. Edel, G. 7156
Sell, J.A. *see* Doll, G.L. 9576
Sell, J.A. *see* Meng, W.J. 41326
Sella, C. *see* Efendovich, A. 42021
Sella, D. *see* Balbo, N. 16148
Sellakumar, K. *see* Engstrom, F. 39962
Sellars, A. Operational and manufacturing environment CE validation tools 26560
Sellars, A.G., Farish, O., Hampton, B.F. Characterising the discharge development due to surface contamination in GIS using the UHF technique 43164
Sellathamby, C.V., Seguin, H.J.J., Akitt, D.R. Vision-based system for automatic stabilization of mode, beam steer, and output power of a high-power laser 12301
Sellathamby, C.V., Seguin, H.J.J., Akitt, D.R., Reshef, H. Variable coupling rotational wand for on-line laser beam sampling 3729
Selle, M., Eberle, G., Gompf, B., Eisenmenger, W. Field induced gas emission of polymer films 35148
Seller, P. *see* French, M. 46849
Seller, P. *see* Thomas, S.L. 46987
Seller, P.H. *see* Beaumont, S.P. 15637
Sellers, C. *see* De Maso, J. 39050
Sellers, J. *see* Luik, I. 48168
Sellers, J. *see* Weston, D. 2226
Sellgman, P.M. *see* Jones, P.A. 7483
Sellhorst, M. *see* Week, M. 3940
Sellin, R. New integrated telecommunications network standards 30330
Sellin, R. SNMP—the Simple Network Management Protocol 37315
Sello, H. Strategic alliances for microelectronics development 9180
Sellyey, W. *see* Lumpkin, A.H. 15341
Selman, J.R. *see* Hsiao, Y.C. 17319
Selmani, A. *see* Chenite, A. 2250
Selmani, A. *see* Chenite, A. 42778
Selmaoui, N., Leschi, C., Emptoz, H. Crest lines detection in grey level images 4998
Selmi, F., Hughes, R., Varadan, V.K., Varadan, V.V. Tunable ceramic phase shifters and their applications 18982
Selmi, F., Varadan, V.V., Herner, B., Varadan, V.K. Sol gel processing and automation of tunable ceramic materials 18306
Selmi, L. *see* Fiegna, C. 19473
Selove, W. *see* Boden, A. 38859
Seltzer, C.P., Perrin, S.D., Harlow, M.J., Studd, R., Spurdens, P.C. Long-term reliability of strain-compensated InGaAs(P)/InP MQW BH lasers 35772
Seltzer, C.P. *see* Percival, R.M. 12073
Seltzer, C.P. *see* Perrin, S.D. 41288
Seltzer, C.P. *see* Willatzen, M. 20857
Seltzer, G. *see* Goyal, R. 17892
Selukov, A.A. *see* Amirov, I.I. 27670
Selunin, S.Y., Yatsunenko, Y.A. Previous analysis of the tracks data in solenoid 46963
Selunskii, A.B. *see* Nanii, O.E. 35731
Selva, G. *see* Nakayama, T. 33657
Selvage, J., Kurjakovic, V. Passive cable network topology 46233
Selvage, J. *see* Williams, T. 46236
Selvakumar, A. *see* Bouwstra, S. 6389
Selvakumar, M. *see* Arunachalam, S.A. 25323
Selvam, C. A simple and low cost pulse time multiplier 41720
Selvan, B., Green, R.J. Objective noise performance evaluation of component video signals using an electronic color video simulator 14777
Selvan, P. *see* Kannan, R. 7980
Selvan, P. *see* Kannan, R. 24983
Selvanayagam, A.J., Praveenkumar, A., Nandagopal, D., Velusamy, T. Sensitivity boost to the Ooty Radio Telescope: a new phased array of 1056 dipoles with 1056 low noise amplifiers 30938
Selvarajan, A. *see* Annachelvi, P. 28342
Selvarajan, A. *see* Balasubramanian, R. 21078
Selvarajan, A. *see* Uchil, S. 23685
Selviah, D.R. *see* Carey, C.D. 28670
Selviah, D.R. *see* Godwin, D.P. 11902
Selviah, D.R. *see* Godwin, D.P. 12477
Selviah, D.R. *see* Poon, P.C.H. 20470
Selwa, P. *see* Badger, D. 14771
Selwyn, L.L. Market failure in 'open' telecommunications networks. Defining the new 'natural monopoly' 22408
Sema, N. *see* Masaki, N. 25005
Seman, J. *see* Velamuri, S.R. 31353
Semba, T. Model-following digital servo using multirate sampling for an optical disk drive 20274
Sember, P. *see* Jennings, A. 13994
Semchuk, A.Yu., Grechko, L.G., Ogenko, V.M. Spatial light modulators on the base of ferromagnetic semiconductor with superlattices 3197
Semedard, J.-C. *see* Lemoine, J. 39960
Semenenko, V.N. *see* Belokopytov, G.V. 2749
Semenov, A.A. *see* Gorbatov, S.S. 10470
Semenov, A.A. *see* Usanov, D.A. 42834
Semenov, A.B., Sharafutdinov, R.M. The noise immunity of local optical-fiber communications systems with ring topology and marker access 23049
Semenov, A.D. *see* Gousev, Yu.P. 43355
Semenov, A.L. *see* Bystrov, V.G. 4658
Semenov, A.L. *see* Erygin, A.I. 23836
Semenov, A.L. *see* Litvinov, Yu.A. 23505

Semenov, A.P. Deposition of thin high-temperature superconductor films by ion-beam sputtering (review) 843
Semenov, B.N. *see* Bauer, S.M. 20063
Semenov, B.N. *see* Indisov, V.O. 28925
Semenov, B.N. *see* Indisov, V.O. 35941
Semenov, B.V. *see* Vasil'ev, A.V. 7195
Semenov, G.A., Lopatin, S.I., Misharev, A.D. A mass spectrometer setup for studying the electron-beam epitaxial deposition of films 9620
Semenov, G.B. *see* Gerke, R.R. 36074
Semenov, V., Anderson, D., Lisak, M. Breakdown in the inhomogeneous electric field of a microwave transmit-receive switch 1495
Semenov, V. *see* Benvenuti, A. 7252
Semenov, V.A. Prospects for improving the control centres of power systems and power pools 39487
Semenov, V.A. *see* Belov, A.V. 35353
Semenov, V.A. *see* Belov, A.V. 38006
Semenov, V.A. *see* Dianov, E.M. 28805
Semenov, V.A. *see* Dianov, E.M. 35352
Semenov, V.B. *see* Vodakov, Yu.A. 28663
Semenov, V.D. *see* Kirillov, V.G. 25763
Semenov, V.D. *see* Kirillov, V.G. 25771
Semenov, V.D. *see* Zubtzov, V.M. 25823
Semenov, V.K. Focusing of electrons on the injection half turn in a microtron resonator 31590
Semenov, V.K. *see* Gavrishchuk, O.P. 7159
Semenov, V.K. *see* Gavrishchuk, O.P. 31765
Semenov, V.K. *see* Polonsky, S.V. 41862
Semenov, Yu.G. *see* Vlasenko, N.A. 43621
Semenova, L.V. *see* Dudin, A.Yu. 3431
Semenova, L.V. *see* Zayarnyi, D.A. 3724
Semenova, N.N. *see* Kornilov, N.V. 7150
Semenova, N.Ya. *see* Zagurskii, V.Ya. 1288
Semenova, N.Ya. *see* Zagurskii, V.Ya. 6368
Sementilli, P.J., Hunt, B.R., Nadar, M.S. Analysis of the limit to superresolution in incoherent imaging 13575
Sementilli, P.J., Nadar, M.S., Hunt, B.R. Poisson MAP super-resolution estimator with smoothness constraint 29853
Sementsov, D.I. Mode conversion in a magnetooptical waveguide with a band domain structure 3233
Semenyuk, L.G. Improving the efficiency of boilers with contact pre-heating of blast air 8143
Semerano, A. *see* Brunetta, S. 26226
Semercigil, S.E. *see* Turan, O.F. 23936
Semeshko, A.V. *see* Tkachenko, T.M. 28353
Semin, I.A. Calculation of the number of excited wave modes of a rectangular hollow waveguide for an arbitrary frequency 12676
Semin, I.A. *see* Il'in, V.A. 10394
Semino, A., Trucco, P., Venturi, G., Dellepiane, S. Image registration by a region-based approach and by correction of elastic deformations 22000
Seminozhenko, V. *see* Bellamy, E.H. 46956
Semin'ski, Yu. Application of a modular system of automatic protective devices (SMAZ) 32469
Semion Kizhner *see* Campbell, C.E., Jr. 46378
Semjen, M., Lerminiaux, C. An 8 channel 2 nm spacing demultiplexer made by ion exchange on glass 30575
Semjonov, S.L. *see* Abramov, A.A. 11609
Semjonov, S.L. *see* Bubnov, M.M. 3064
Semjonov, S.L. *see* Bubnov, M.M. 35375
Semkin, A.A. *see* Grebenko, Yu.A. 34169
Semlyen, A., de Leon, F. Computation of electromagnetic transients using dual or multiple time steps 24614
Semlyen, A. *see* Angelidis, G. 16216
Semlyen, A. *see* de Leon, F. 47930
Semlyen, A. *see* Soysal, A.O. 25494
Semmens, J.E., Kessler, L.W. Non-destructive inspection of multichip modules by acoustic micro imaging techniques 9276
Semmens, J.E. *see* Martell, S.B. 40932
Semmler, R., Geraldo, L.P. A new experimental apparatus for production and utilization of capture gamma rays 7313
Semo, J. *see* Devaux, F. 35619
Semova, T. *see* Bonchev, T. 24083
Semple, W.E. *see* Nelson, A.D. 24251
Semprini-Cesari, N. *see* Bertin, A. 31795
Semuseva, V.P. *see* Lazarev, V.I. 8486
Semyonov, A.V. *see* Vinogradov, E.A. 28350
Sen, D. *see* De, A. 15639
Sen, I. *see* Sen Gupta, D.P. 39477
Sen, N.P. Trends of new switch manufacturing technology 14334
Sen, P. *see* Mukhopadhyay, P.K. 27330
Sen, R.K. *see* Landgrebe, A.R. *(editor)* 9085
Sen, S. Switched-capacitor filter design using the composite discrete integrator 10270
Sen, S. A simulated annealing approach to the max cut problem 18008
Sen, S. *see* Ahlgren, W.L. 755
Sen, S. *see* Mayhew, L. 32248
Sen, S.K. *see* Basak, D. 42597
Sen, S.K. *see* Datta, A.K. 45140
Sen, S.K. *see* Deb, A. 29653
Sen, S.K. *see* Lodha, N.K. 8077
Sen, T. *see* Garren, A.A. 46763
Sen, T. *see* Nosochkov, Y. 38777
Sen, T.K. Software selection and acceptance for telecom applications 37276
Sen, T.K. Local area networks: a practical guide 37521
Sen, T.K., Ray, A., Ray, B.N. An arbitrary power-law device based on operational transconductance amplifiers 18524
Sen Amitava *see* Amitava Sen
Sen Gupta, D.P., Sen, I. Low frequency oscillations in power systems: a physical account and adaptive stabilizers 39477
Sen Gupta, I. *see* Agarwal, R. 41827
Sen-Ching Cheung *see* Bolding, K. 34121
Sen-Chueh Peng, Bor-Sen Chen A deconvolution filter for multichannel nonminimum phase systems via the minimax approach 44837
Sen-Yen Shaw *see* Chung-Hwang Chen 6849
Sen-Yen Shaw *see* Tsan-Kuang Ho 20595
Senadji, B. Mobile radio propagation channel modeling: signal processing challenges 36735
Senane, H. *see* Saadane, A. 36825
Senani, R. *see* Malhotra, J. 27044
Senatorov, A.A. *see* Andreev, A.Ts. 15051
Senatorov, A.K. *see* Basiev, T.T. 43807
Senba, N. *see* Kusaka, T. 26966
Senbonmatsu, K. *see* Iwamoto, S. 13951
Senchenko, V.V. *see* Baranov, I.A. 12660
Senchishin, V. *see* Bellamy, E.H. 46956
Senda, M., Ishii, O. High frequency magnetic properties of $CoFe/SiO_2$ multilayer film with the inverse magnetostrictive effect 43267
Sendeckyj, G.P. *see* Carman, G.P. 31257
Sendeckyj, G.P. *see* Hamstad, M.A. 916
Sendeckyj, G.P. *see* Paul, C.A. 6819
Sendell, A.A. *see* O'Shea, M.E. 16367
Senderskii, V.A. Maximum noise immunity in information transmission through a communication channel with a given source reproduction accuracy 12800
Senderskii, V.A., Strokov, V.V. The limit data-transmission noise immunity in a channel with Rayleigh fading for optimal incoherent reception of orthogonal code symbols 22768
Sendin, U., Dupin, G. A high efficiency 335 MW IGCC demonstration plant supported by the CEC to be built in Puertollano (Spain) 40024
Sendra, J.B. Criteria for network filter selection 27037
Sendrier, N. *see* Augot, D. 44714
Sendyk, A.M. *see* Chen, X. 22916
Sene, M. *see* Benayoun, M. 46871
Sene, R. *see* Benayoun, M. 46871
Senensieb, D.H. *see* Kantrowitz, F. 23179
Senes, A. *see* Hazard, P. 2467
Senesi, J.J. *see* Petric, P.F. 27905
Seneviratne, A., Absaloms, H., Ginige, T., Fry, M. Effect of timer management on protocol execution performance 13917
Seneviratne, A. *see* Butler, M. 37620
Seneviratne, A. *see* Jha, S. 37449
Seneviratne, A. *see* Richards, A. 14166
Seneviratne, A. *see* Richards, A. 37125
Seneviratne, A. *see* Saparamadu, V. 37237
Seneviratne, A. *see* Witana, V. 36906
Seneviratne, A. *see* Witana, V. 37236
Senfar Wen Distributed erbium-doped fiber amplifier for soliton transmission 20754
Senfar Wen *see* Sien Chi 38089
Senftleben, H. *see* Haijes, B. 25066
Senftleben, H. *see* Peier, D. 23664
Senfuku, A. *see* Araki, N. 7618
Seng, V.R. Ada pilot project at HQ Pacific Air Forces: lessons learned during development 32148
Seng Hin Lee *see* Soo-Jin Chua 27797
Seng Lim Eng *see* Lim Eng Seng
Seng Lim Koon *see* Koon Seng Lim
Seng Tan Peng *see* Tan Peng Seng
Seng Toh Peng *see* Peng Seng Toh
Seng-Tiong Ho *see* Mee Koy Chin 43775
Sengoku, M. *see* Yamaguchi, Y. 6754
Sengoku, M. *see* Yamaguchi, Y. 23150
Sengoku, M. *see* Yamaguchi, Y. 38164
Sengupta, A. *see* Jaekel, A. 41831
Sengupta, B. *see* Duan-Shin Lee 45311
Sengupta, D. *see* Bond, P. 2182
Sengupta, D. *see* Kay, S.M. 13181
Sengupta, I. *see* Chowdhury, D.R. 41778
Sengupta, P. *see* Chatterjee, A. 6480
Sengupta, S., Mukhopadhyay, A.K. A microprocessor based ultra high speed protection scheme against open circuit fault of multi-bus EHV/UHV transmission system 32457
Sengupta, S., Sahasrabuhe, S.C. Improved depth map through optimal axis stereo 4929
Sengupta, S. *see* Lipset, R. 40883
Sengupta, S.K. *see* Clark, G.A. 22294
Sengupta, S.N. *see* Joseph, J. 6349
Sengupta, U., Ishihara, T., Sandstrom, R. Parametric studies and the operating latitude of a spectrally narrowed KrF excimer laser for the deep UV stepper 3415
Sengupta, U.K. Krypton fluoride excimer laser for advanced microlithography 10150
Senichev, Yu. *see* Iliev, A.I. 15378
Senichev, Yu.V. *see* Konovalov, V.A. 15495
Senini, S., Flinders, F., Oghanna, W. A nonlinear inductor model for implementation with 'SIMULINK' power electronics laboratory 34296
Senini, S., Flinders, F., Oghanna, W. Dynamic simulation of wheel-rail interaction for locomotive traction studies 48374
Senini, S. *see* Flinders, F. 47999
Senior, C. *see* Hanuise, C. 7600
Senior, J.M. WDMA for the optical access network 30801
Senior, J.M., Asumu, D.E., Bickers, L., Finegan, T. Planning tools for the optical access network to provide spectral performance 5955
Senior, J.M., Asumu, D.E., Bickers, L., Finegan, T. Planning tools for the optical access network 30805
Senior, J.M., Lambert, D.T. Analogue intensity modulation of high definition television for single-mode fibre transmission 30978
Senior, J.M., Lambert, D.T., Faulkner, D.W. Analogue intensity modulation schemes for optical fibre HDTV transmission 23041
Senior, J.M., O'Sullivan, K., Burrow, N.G. Wide dynamic range optical receiver design 30789
Senior, J.M. *see* Ablitt, D.J. 5418
Senior, J.M. *see* Ablitt, D.J. 5625
Senior, J.M. *see* Cryan, R.A. 30707
Senior, J.M. *see* Cryan, R.A. 30730
Senior, J.M. *see* Cryan, R.A. 30796
Senior, J.M. *see* Milner, S.H. 5623
Senior, J.M. *see* Milner, S.H. 22470
Senior, J.M. *see* Milner, S.H. 44750
Senior, J.M. *see* Philips, A.J. 5957
Senior, J.M. *see* Phillips, A.J. 43443
Senior, T.B.A. Diffraction by a half plane with third order transition conditions 4091
Senior, T.B.A. The Commission B Electromagnetic Theory Symposia 29082
Senior, T.B.A. *see* Kempel, L.C. 21213
Senju, T. *see* Kobayashi, Y. 1453
Senju, T. *see* Kobayashi, Y. 42180
Senjyu, T., Gibo, N., Uezato, K. Cooperative control of AVR and GOV for improving transient stability of power systems using fuzzy controller 16175
Senjyu, T., Gibo, N., Uezato, K. Stabilization method for power systems by fuzzy control based on sliding mode 24750
Senjyu, T., Gushiken, M., Uezato, K. Maximum power tracking control of solar cell applying fuzzy control 25269
Senjyu, T., Gushiken, M., Uezato, K. Maximum power tracking control of solar cell applying fuzzy control 25696
Senjyu, T., Kamifurutono, H., Uezato, K. Robust position control of DC servo motor 25460
Senjyu, T., Taira, J., Uezato, K. Speed control of ultrasonic motor by adaptive control 25469
Senjyu, T., Taira, J., Uezato, K. Speed control of ultrasonic motor by adaptive control 25473
Senjyu, T., Uezato, K. Transient stability analysis of a synchronous motor by using Lyapunov method 8314
Senjyu, T., Uezato, K. Sinusoidal voltage controller for uninterruptible power supply by robust control 8647
Senjyu, T., Uezato, K. Enhancement of the transient stability for synchronous motors by nonlinear feedback control 16799
Senjyu, T., Uezato, K. Improvement of pull-into-step of synchronous motors by nonlinear state feedback control 40125
Senjyu, T., Uezato, K., Miyagi, H. Lyapunov stability of variable reluctance stepping motors 16907
Senjyu, T. *see* Uezasto, K. 47858
Senjyu, T. *see* Uezato, K. 16801
Senjyu, T. *see* Uezato, K. 16810
Senjyu, T. *see* Uezato, K. 25102
Senjyu, T. *see* Uezato, K. 25395
Senjyu, T. *see* Uezato, K. 47392
Senjyu, T. *see* Uezato, K. 47911
Senjyu, T. *see* Uezato, K. 47971
Senko, G. Interactions of amplifiers and uninterruptible power supplies with mains decouplers for surge testing 40306
Senmao Lin *see* Shuqun Zhang 11779
Senmao Lin *see* Shuqun Zhang 11782
Senn, H. *see* Ramm, J. 34704
Senn, P. *see* Joanblanq, C. 34165
Senn, P. *see* Morche, D. 1277
Sennaroglu, A., Pollock, C.R., Nathel, H. Continuous-wave self-mode-locked operation of a femtosecond Cr^{4+}:YAG laser 43781
Sennaroglu, A. *see* Nathel, H. 20702
Sennenbara, N. A high-power gate turnoff thyristor 42902
Sennenbara, N., Nakagawa, T., Yamamoto, M., Kaneda, J., Takeda, M. A high power gate-turn-off thyristor 34938
Seno, K., Knorpp, K., Shu, L.-L., Miyaji, F., Sasaki, M., Takeda, M., Yokoyama, T., Fujita, K., Kimura, T., Tomo, Y., Chuang, P., Kobayashi, K. A 9 ns 16 Mb CMOS SRAM with offset reduced current sense amplifier 34047
Seno, K., Knorpp, K., Shu, L.-L., Teshima, N., Kihara, H., Sato, H., Miyaji, F., Takeda, M., Sasaki, M., Tomo, Y., Chuang, P.T., Kobayashi, K. A 9-ns 16-Mb CMOS SRAM with offset-compensated current sense amplifier 26923
Seno, S. *see* Koui, Y. 22638
Senoh, M. *see* Nakamura, S. 10695
Senoh, M. *see* Nakamura, S. 43659
Senoo, T. *see* Nakamura, K. 46244
Sens, P. *see* Boutaba, R. 14039
Sensarma, B. *see* Muhopadhyay, K. 25930
Sensenig, R.G. *see* Gebhart, C.E. 8193

Sen'tan, U. *see* Kas'yanov, V.A. 4628
Sentein, C. *see* Messier, J. 12356
Senthil, J. *see* Padiyar, K.R. 32387
SenthilKumar, M. *see* Starzyk, J. 42020
Senthinathan, R., Nimmagadda, S., Prince, J.L., Cangellaris, A.C. Modeling and simulation of coupled transmission line interconnects over a noisy reference plane 17896
Senthinathan, R., Pence, W.E., Raver, N., Prince, J.L. On the study of signal propagation over perforated reference planes in electronic packaging interconnects 17842
Senthinathan, R., Prince, J.L. Electrical performance analysis of packaged CMOS ASIC devices and systems 19999
Senthinathan, R., Prince, J.L. Application specific CMOS output driver circuit design techniques to reduce simultaneous switching noise 43107
Senthinathan, R., Prince, J.L., Cangellaris, A.C. Module frequency estimation and noise budget limitations/trade-offs in multichip modules as a function of CMOS chips integration 17915
Sentis, M. *see* Uteza, O. 12304
Sentis, M.L. *see* Truong, J.P. 11995
Sentman, L.H. *see* Carroll, D.L. 28736
Sentman, L.H. *see* Waldo, R.E. 28730
Senturia, S.D. *see* Young, A.M. 6459
Senzaki, Y. *see* Han, J. 42783
Senzaki, Y. *see* Jaesung Han 27769
Senzu Yang *see* Peiheng Wu 35272
Seo, J.-W. *see* Morikuni, J.J. 35633
Seo, K., Fujio, H., Nakasu, E., Kashida, M. 140/120 Mbps HDTV codec for production quality transmission 31007
Seo, K. *see* Naemura, M. 6255
Seo, K. *see* Okamoto, H. 25288
Seo, K.-S., Kim, J.-K. Hierarchical block-motion estimation using linear model-based postprocessing 13518
Seo, Y., Sprangle, P. Dissipative beam trapping in a modified betatron with strong focusing 6951
Seo Beom-Seok *see* Beom-Seok Seo
Seo Chulhun *see* Chulhun Seo
Seo Jong-Wook *see* Jong-Wook Seo
Seo Joong Eon *see* Joong Eon Seo
Seo Yeon Park *see* Chong Hoon Kwak 35973
Seo Young-Soo *see* Young-Soo Seo
Seob Kim Myong *see* Myong Seob Kim
Seob Park Byoung *see* Byoung Seob Park
Seog-Hyeon Kim, Cherney, E.A., Hackam, R., Rutherford, K.G. Chemical changes at the surface of RTV silicone rubber coatings on insulators during dry-band arcing 47557
Seog-Joong Kim *see* Yong-Woo Lee 30409
Seok Jin Yoon *see* Kyung Yong Kim 28293
Seok Kyu Kweon, Byeong Gi Lee Implementation and performance analysis of a speaker verification system 4541
Seok Oh Hae *see* Hae Seok Oh
Seok Taek Jun, Gyeong Man Choi CO gas-sensing properties of ZnO/CuO contact ceramics 31334
Seok-Hee Hwang *see* Heung-Sik Tae 33622
Seol, S.Y., Cha, Y.S. Diffusion and cooling rate during annealing of sintered bulk $YBa_2Cu_3O_{7-x}$ 11518
Seol Byung Su *see* Byung Su Seol
Seol Koo Yeon *see* Yeon Seol Koo
Seol Lee Sang *see* Sang Seol Lee
Seol Yeo-Song *see* Yeo-Song Seol
Seon Kyeong Han *see* Sun Bok Lee 1705
Seon Yun Jin *see* Jin Seon Yun
Seon-Kyu Park *see* Cheon-Seok Park 29120
Seong, H.H., Cho, G.H. New constant frequency PWM dual convertor with synchronous rectifier 9959
Seong, T.-Y. *see* Aindow, M. 9560
Seong, T.-Y. *see* Graham, R.M. 18157
Seong Dae Kim *see* Yi Han Kim 5115
Seong Dong Su *see* Dong Su Seong
Seong Hwan Jang, Seop Hyeong Park An adaptive rate control algorithm for DPCM/DCT hybrid video codec adopting bi-directional prediction 30969
Seong Hwan Jang *see* Sang Hoon Lee 31049
Seong Ili Park *see* Jae Cheol Son 13242
Seong Joon Ahn *see* Tai-Su Park 42690
Seong Jung Kim *see* Jin Hyeung Kong 942
Seong Moon Hwan *see* Hwan Seong Moon
Seong Poong Hyun *see* Poong Hyun Seong
Seong Poong-Hyun *see* Poong-Hyun Seong
Seong Pyong Yong *see* Pyong Yong Seong
Seong Soonyong *see* Soonyong Seong
Seong-Dae Kim *see* Jong-Hun Kim 13799
Seong-Dae Kim *see* Jung-Hee Lee 29808
Seong-Dae Kim *see* Jung-Hee Lee 30142
Seong-Dae Kim *see* Sang-Yeon Kim 36885
Seong-Dae Kim *see* Si-Woong Lee 31017
Seong-don Hwang *see* Dongjin Byun 41466
Seong-Ho Song, In-Joong Ha A Lyapunov-like approach to performance analysis of 3-dimensional pure PNG laws 39433
Seong-Hoon Lee *see* Yong-Min Ha 34945
Seong-Il Kim *see* Min-Suk Lee 9715
Seong-Ju Park, Jae-Ki Sim, Jeong-Rae Ro, Byueng-Su Yoo, Kyung-Ho Park, El-Hang Lee Chemical beam epitaxial growth of GaAs epilayer on GaAs(100) substrate using unprecracked arsine and trimethylgallium 717
Seong-Ju Park, Jeong-Rae Ro, Jae-Ki Sim, El-Hang Lee Carbon incorporation in GaAs grown by UHVCVD using trimethylgallium and arsine 9578
Seong-Jun Kim *see* Bong-Jin Yum 17941
Seong-Kyu Hwang, Yearn-Ik Choi, Sang-Koo Chung, Lee, K., Choong-Ki Kim A power MOSFET design methodology considering epi parameter variations 34948
Seong-Kyu Lee *see* Yong-Sang Kim 42930
Seong-Ouk Kwon *see* Chil-Min Kim 3434
Seong-Whan Lee, Jeong-Seon Park Off-line recognition of Hangul handwritten in sammool style 29745
Seong-Won Yuk, Hyuck-Jae Lee, Soo-Young Lee, Sang-Yung Shin Optical neural networks based on error back-propagation learning for hetero-association of two-dimensional patterns 11770
Seonghearn Lee, Ryum, B.R., Sang Won Kang A new parameter extraction technique for small-signal equivalent circuit of polysilicon emitter bipolar transistors 42873
Seonghearn Lee, Sang Wong Kang A parameter extraction method using cutoff measurement for a large-scale HSPICE model of HBT's 34932
Seongil Im, Washburn, J., Gronsky, R., Cheung, N.W., Kin Man Yu, Ager, J.W. Optimization of Ge/C ratio for compensation of misfit strain in solid phase epitaxial growth of SiGe layers 18137
Seop Hyeong Park *see* Seong Hwan Jang 30969
Seop Kim Dong *see* Dong Seop Kim
Seop Kim Tong *see* Tong Seop Kim
Sepe, R.B., Lang, J.H. Inverter nonlinearities and discrete-time vector current control 40133
Sephton, J.P. *see* Hedley, R.P.L. 47138
Sepich, J. *see* Vydyanath, H.R. 10791
Sepici, V. *see* Tan, J. 24280
Sepold, G. *see* Falldorf, H. 3752
Seppa, H. *see* Kauppi, I. 15218
Seppa, H. *see* Soulen, R.J., Jr. 11544
Seppa, T.O. A practical approach for increasing the thermal capabilities of transmission lines 24937
Seppa, T.O., Cromer, E., Whitlatch, W.F., Jr. Summer thermal capabilities of transmission lines in Northern California based on a comprehensive study of wind conditions 24938
Seppala, L.G. *see* Sommargren, G.E. 27815
Septien, J. *see* Olcoz, K. 19948
Sepulveda, N.G. *see* Wikswo, J.P., Jr. 911
Sequeira, M.Menezes de *see* Menezes de Sequeira, M.
Sequeira, V., Amic, S., Mol, M., Goncalves, J.G.M. Double camera scene change detection system with automatic zooming and focusing 31047
Sera, K. *see* Asada, H. 31367
Sera, M.N. Chip set addresses North American digital cellular market 45779
Serafim, P.E. *see* Zurk, L.M. 19294
Serafin, S. *see* Berkan, W. 48470
Serafin, S. *see* Berkan, W. 48471
Serafin, S. *see* Michalski, A. 48472
Serafini, E. Compact and reliable protection of single-fiber and ribbon-fiber fusion splices 35381
Serafini, L. Beam dynamics in RF guns and emittance correction techniques 31654
Serafini, L. Long multi-cell rf guns as full scale injectors 38816
Serafini, L. A novel laser driven RF structure for the generation of bright electron beams 44007
Serafini, L. *see* Pagani, C. 31652
Seran, H. *see* Beuret, A. 8599
Seranov, Y.V., Sokolova, T.N. Thermal conditions and kinetics of pulsed laser deposition of oxides of metals of the iron group on alumoxide ceramics 27390
Seraphin, A.A. *see* Chiu, L.A. 41461
Seraphin, A.A. *see* Werwa, E. 41462
Seraphin, S. *see* Krause, S.J. 1968
Serapinas, K., Zukauskas, K. Checking fidelity of the systems with fault detection circuits 460
Serapionov, Yu.N. *see* Danilov, V.V. 43556
Serati, R.A. *see* McKnight, D.J. 20414
Serati, R.A. *see* Serati, S.A. 28527
Serati, S.A., Ewing, T.K., Serati, R.A., Johnson, K.M., Simon, D.M. Programmable 128×128 ferroelectric-liquid-crystal spatial-light-modulator compact correlator 28527
Serazzi, G. *see* Schweitzer, P.J. 5227
Serbo, V.G. *see* Ginzburg, I.F. 15573
Sercel, P.C. *see* Saunders, W.A. 9604
Serci, S. *see* Antonelli, A. 24054
Serck-Hanssen, F. *see* Ohlckers, P. 11278
Sercu, J., Fache, N., De Zutter, D. Characterisation of TEM and non-TEM planar transmission lines with a full-wave 3D field analysis technique 29244
Sercu, J., Fache, N., Libbrecht, F., De Zutter, D. Study of gridding and cell-cell interactions in the method of moments analysis of arbitrarily shaped planar circuits 1603
Sercu, J., Fache, N., Libbrecht, F., De Zutter, D. Full-wave space-domain analysis of open microstrip discontinuities including the singular current-edge behavior 18963
Serdijn, W.A. *see* van der Woerd, A.C. 9986
Serebrennikov, N.A. *see* Malafeev, S.I. 8919
Serebryakov, G.V. *see* Malekhanov, A.M. 29624
Serebryakova, L.M. *see* Rubanov, A.S. 3929
Seredkina, V.V. *see* Vasilyev, E.N. 25789
Serednyakov, S.I. *see* Bes'chastnov, P.M. 46433
Seregin, Yu.V. *see* Smirnov, N.I. 12816
Seregina, E.A. *see* Dyachenko, P.P. 20660
Sereni, P. *see* Denard, J.-C. 7098
Serenko, A.N., Shaferovskii, V.A., Skzhipchik, A. Special features of the process of two-arc welding with programming of welding conditions 9041
Sereno, D. *see* Drogo de Iacovo, R. 14311
Sereno, M. *see* Chiola, G. 22341
Serfaty, V., Ackah-Miezan, A., Lutton, E., Gagalowicz, A. Photometric analysis as an aid to 3D reconstruction of indoor scenes 4913
Serfozo, R.F. Travel times in queueing networks and network sojourns 26272
Sergant, M. *see* Bowler, D.P. 20937
Sergant, M. *see* Jansen, M. 20847
Sergant, M. *see* Mawst, L.J. 12182
Sergeev, A.P. *see* Kaminsky, A.A. 43695
Sergeev, A.S. *see* Ginzburg, N.S. 35909
Sergeev, A.S. *see* Ginzburg, N.S. 38795
Sergeev, D.V. *see* Evstropov, V.V. 10717
Sergeev, I.Yu. *see* Agrovskii, B.S. 38728
Sergeev, M.V. *see* Pelekhov, V.I. 24120
Sergeev, P.B. Electron-beam noble-gas halide lasers with high excitation level 20653
Sergeev, P.B. *see* Amokov, A.V. 28928
Sergeev, P.B. *see* Barabanov, V.S. 20955
Sergeev, P.B. *see* Barabanov, V.S. 20956
Sergeev, P.B. *see* Barabanov, V.S. 35687
Sergeev, P.B. *see* Barabanov, V.S. 35956
Sergeev, V.A. *see* Batalov, A.A. 46920
Sergeeva, N.G. *see* Sverdlov, Y.L. 12592
Sergent, A.M. *see* Chen, Y.K. 28487
Sergent, A.M. *see* Temkin, H. 3591
Sergent, M. *see* Renaudin, C. 15772
Sergey, G. *see* Oleynik, G. 46322
Sergeyenko, N.M., Blokh, A.G., Pisakin, A.V., Dyomin, N.A., Moiseyenko, A.V., Retinski, M.P., Tkachenko, B.G., Fadeyev, Yu.A., Babakov, Yu.P., Ionov, A.V., Poljakov, V.A., Ralchenko, M.I., Zeigarnik, V.A. Paste-cooled channel for 'Pamir' type MHD pulsed generator 25753
Sergeyenko, N.M., Pisakin, A.V., Retinsky, M.P., Dyomin, N.A., Moiseyenko, A.V., Goldin, G.S., Ushakova, A.N., Akopyan, Yu.F. Protection of MHD channel and other heat-affected facilities by high enthalpy pasty coolant with flowrate self-regulation 25758
Sergeyev, S.V. *see* Gaisenok, V.A. 43750
Sergeyev, S.V. *see* Krylov, G.G. 3467
Sergeyev, V.I. *see* Ryabushkin, O.A. 3341
Sergeyev, V.V. *see* Skachkov, V.V. 16100
Sergi, V. *see* de Iorio, I. 21130
Sergienko, I.V. *see* Kozeratskaya, L.N. 26329
Sergienko, T.I. *see* Kozeratskaya, L.N. 26330
Sergiyevskaya, I.M. *see* Avrutskii, V.A. 9807
Seri, H. *see* Matsuda, H. 48338
Seri, M., Sidi, M. Splitting algorithms in channels with Markovian capture 45307
Serig, D. *see* Quinn, M.L. 15913
Serikawa, T. *see* Shirai, S. 5674
Serin, T. The effect of the surface states on the current-voltage characteristic of Ag/A-Si:H/a-Si:H(n-type)/Cr Schottky diodes 28093
Serio, M. *see* Bartalucci, S. 7054
Serio, M. *see* Bartalucci, S. 15502
Serio, M. *see* Bartalucci, S. 31551
Serio, M. *see* Bassetti, M. 7053
Serio, M. *see* Bassetti, M. 7055
Serio, M. *see* Fox, J.D. 6966
Serip, F. *see* Boatto, C. 25578
Serizawa, M., Goodman, D.J. Traffic sharing scheme for distributed dynamic channel allocation 22894
Serizawa, M. *see* Akiyama, N. 11809
Serizawa, Y. *see* Satoh, H. 32194
Serkin, V.N. *see* Hook, A. 20321
Serkin, V.N. *see* Hook, A. 43433
Serkova, L.E. *see* Goryunov, V.N. 16775
Serlin, V., Friedman, M. The two-beam configuration of the relativistic klystron amplifier 19306
Serlin, V. *see* Friedman, M. 19297
Sermage, B. *see* Alexandre, F. 42882
Sern, M.F. *see* Zinchenko, S.P. 3432
Serna, J., Mejias, P.M., Martinez-Herrero, R. Quality changes of beams propagating through super-Gaussian apertures 3747
Sernelius, B.E. *see* Radamson, H.H. 42401
Serocki, R. *see* Choi, M.S. 8019
Seroussi, G. *see* Drukarev, A. 24252
Serov, A.V. The effect of radiative interaction on particle phase motion in a free electron laser 3690
Serov, A.V. The effect of radiative friction on the particle dynamics in a free electron laser 35907
Serov, R.V. *see* Vyazgorets, M.V. 46457
Serov, V.L. *see* Bylinsky, Yu.V. 7009
Serpanos, D.N. Protocol processing in communication subsystems for high speed networks 45347
Serpanos, D.N. *see* Lipton, R.J. 9882
Serpenguzel, A. *see* Chen, G. 12038
Serpico, S.B. *see* Dambra, C. 13784
Serpico, S.B. *see* Pellegretti, P. 36992
Serporta, C. *see* Cecconi, V. 147
Serra, F. *see* Cane, C. 2007
Serra, G. *see* Casadei, D. 8596

Serra, G. *see* Casadei, D. 8844
Serra, G. *see* Casadei, D. 8849
Serra, J. *see* Crespo, J. 29947
Serra, J. *see* Fernandez, D. 41453
Serra, J. *see* Gonzalez, P. 2146
Serra, L., Azzini, G.A., De Franceschi, R., Tiberatore, M., Mancini, M., Manzone, G., Montangero, P. Localization of crystallographic defects in failed laser diodes using optical probes 20843
Serra, L. *see* Montangero, P. 43608
Serra, L. *see* Valero, A. 39954
Serra, L. *see* Valero, A. 39955
Serra, M. *see* Sun, X. 14882
Serrano, L., Carlosena, A. Resistively varinble capacitors: voltage and current approaches 10282
Serrano, L.M. *see* Crespo, M.A.R. 12990
Serrano, M.D. *see* Sochinskii, N.V. 33631
Serrano-Iribarnegaray, L. *see* Amin, B. 40174
Serrat, E.M. A NetWare chat utility: understanding IPX programming 5441
Serrat, J. *see* Pladellorens, J. 31849
Serrat, J. *see* Pladellorens, J. 31873
Serre, F. *see* Jacquet, J. 35974
Serre, J. *see* Breuze, G. 5959
Serres, A.W., Taelman, W. A method to improve the performance of compact fluorescent lamps 17594
Serreze, H.B., Chen, Y.C. Short red wavelength, high power, AlGaInP laser diodes 20868
Serreze, H.B. *see* Yellen, S.L. 12199
Serreze, H.B. *see* Zhuoyu Bao 35765
Serri, A. *see* Locci, N. 8884
Serri, A. *see* Marongiu, I. 8324
Serri, A. *see* Marongiu, I. 17478
Serri, L. *see* Ferravante, L. 3755
Servaes, J. Beyond "Europe 1992": communication and cultural identity in small nation states 30266
Servatian, A. *see* Hosseini, S.H. 17485
Serviere, C., Baudois, D. Noise reduction with sinusoidal signals 4726
Serviere, C., Baudois, D. Noise reduction with correlated signals using higher order statistics 21771
Servin, M., Rodriguez-Vera, R. Two-dimensional phase locked loop demodulation of interferograms 5108
Servomaa, A. Design criterin for and evaluation of phantoms for dental radiography 15781
Sery, G. *see* Rajagopalan, S. 34789
Sesay, A. *see* Gibbard, M.R. 37716
Sesay, A.B. Adaptive two-stage maximum likelihood estimation for cellular radio 37756
Seshadri, N., Sundberg, C.-E.W. Multilevel trellis coded modulations for the Rayleigh fading channel 12913
Seshadri, N., Sundberg, C.-E.W., Weerackody, V. Advanced techniques for modulation, error correction, channel equalization, and diversity 22857
Seshadri, N. *see* Calderbank, A.R. 21613
Seshadri, V. *see* Sasisekharan, R. 17356
Seshagiri, B. *see* Kunov, H. 15261
Seshagiri, N. Road map of evolution of NICNET towards globalisation of computer-communication 14135
Seshagiri, N. Road map of evolution of NICNET towards globalisation of computer communication 37413
Seshagiri Rao, P. *see* Durga Prasad, G. 24671
Seshagiri Rao, V., Jha, N.N., Krishnamurthy, V. Fault tolerant data processing for reliable real time support for satellite launch vehicle mission 15972
Seshan, S. *see* Keeton, K. 22566
Sesser, A. Application of a data-processing-supported management guidance system for power usage and experiences [power plants] 25099
Sessler, A.M., Whittum, D.H. Suppression of beamstrahlung by means of a plasma 7120
Sessler, A.M. *see* Changbiao Wang 12267
Sessler, A.M. *see* Govil, R. 27415
Sessler, A.M. *see* Krishnagopal, S. 44111
Sessler, A.M. *see* Rangarajan, G. 6874
Sessler, A.M. *see* Wang, C. 27414
Sessler, A.M. *see* Wurtele, J.S. 6873
Sessler, G.M. *see* Arkhipov, V.I. 28298
Sessler, G.M. *see* Fay, B. 16052
Sestak, J. *see* Stepanek, B. 41243
Sestak, M. *see* Homola, J. 8933
Sestakova, V., Stepanek, B., Laudat, J. Doping of GaSb single crystals 27654
Sestakova, V. *see* Stepanek, B. 27650
Sestakova, V. *see* Stepanek, B. 41243
Sestini, D., Viaro, F. A motor control center automation 8299
Sestini, F. *see* Batocchi, A. 45829
Seta, D.De *see* De Seta, D.
Seta, M., Asahi, H., Song Gang Kim, Asami, K., Gonda, S. Gas source molecular beam epitaxy/migration enhanced epitaxy growth of InAs/AlSb superlattices 9622
Seta, M. *see* Kim, S.G. 42524
Seth, M., Ray, M., Basuray, A. Optical implementation of arithmetic operations using the positional residue system 45141
Seth, S. Cockpit weather graphics using mobile satellite communications 37922
Seth, S., Gowen, L., Payne, M., Sylwester, D. Logic simulation using an asynchronous parallel discrete-event simulation model on a SIMD machine 41786
Seth, S. *see* Yuhong Yu 22016
Seth, S.C. *see* Das, D. 33987
Seth, T., Dixit, P.N., Panwar, O.S., Bhattacharyya, R. Effect of power and pressure on the properties of hydrogenated amorphous silicon films prepared by DC glow discharge 9705
Seth, V.K. *see* Balasubrahmanian, A.K. 16509
Sethi, I.K. *see* Li, T. 21783
Sethi, R.B., Ciari, R.P., Anderson, L., Kim, U.S., Bergemont, A. A robust LPCVD nitride integrated process for high density nonvolatile EPROM memories 854
Sethi, R.S. *see* Miller, L.S. 44117
Sethi, S. *see* Angu, D.O. 2330
Sethi, S. *see* Gupta, S. 11853
Sethi, S. *see* Sun, H.C. 20782
Sethi, S. *see* Sun, H.C. 20895
Sethi, S. *see* Thane, N. 11045
Sethuraman, S. *see* Rao, S.S. 4641
Sethuraman, S.K., Saravanan, M.G. Microcontroller based PWM strategies for the real time control and condition monitoring of AC drives 8810
Sethuraman, S.K., Saravanan, M.G. PWM strategies for the real-time embedded control and condition monitoring of AC drives 17487
Setiono, R. Interior dual proximal point algorithm using preconditioned conjugate gradient 873
Seto, H., Miyata, T., Tsunoda, A., Yoshida, T., Sakurada, S. Cermet for interconnection of SOFC 17352
Seto, H. *see* Yoshida, T. 17281
Seto, I., Ohtsuki, T., Sasase, I., Mori, S. Polarization shift keying (POLSK) phase diversity homodyne system with multiplying detection in coherent optical communications 6085
Seto, M. *see* Hasegawa, T. 7789
Seto, T., Mori, A., Ishigaki, R., Itoh, S., Yutani, N., Kimata, M., Tubouchi, N., Akiyama, A., Sasaki, T. Performance of 1M IRCSD imager with PtSi Schottky barrier detectors 31284
Seto, T. *see* Akiyama, A. 46503
Seto, Y. The observation of Earth environment by satellite remote sensing 39348
Setoguchi, S. *see* Fujii, K. 28165
Setoguchi, T. *see* Eguchi, K. 17360
Setoguchi, T. *see* Yamaguchi, R. 17380
Settembre, M. *see* Cimarda, P. 23061
Settembre, M. *see* De Marchis, G. 5865
Settembre, M. *see* De Marchis, G. 38103
Settembre, M. *see* Iannone, E. 23029
Settembre, M. *see* Matera, F. 5895
Setter, N. *see* Sreenivas, K. 19673
Settimo, F. *see* Del Re, E. 22863
Settimo, F. *see* Del Re, E. 37159
Settineri, R., Favier, G. A modular architecture for the adaptive normalized sliding window covariance lattice filter 4692
Settles, R. The 300-500 GeV e^+e^- linear collider 6884
Settles, R. *(editor)* LC'92. ECFA Workshop on e^+e^- Linear Colliders Proceedings (MPI PhE/93-14; ECFA 93-154) 40699
Setty, P., Bliss, W.G. A high-frequency BiCMOS buffer for testing analog ICs 10353
Setty, P., Bliss, W.G. Dynamic performance simulation of a flash converter 18829
Seu, R. *see* Ciaffone, A. 30914
Seu, R. *see* Picardi, G. 23132
Seuk-Yong Hwang *see* Jung-Pyo Lee 16952
Seul, J. *see* Golla, E. 429
Seumahu, E.S. *see* Ong, J.T. 21257
Seumura, Y., Tajima, A., Hemni, N. A newly developed adaptive wavelength tunable filter for wavelength selective optical communication systems 38100
Seung Hak Yang, Takizawa, S., Kondo, S., Harashima, F. Realization of the powering/regenerative operation of the induction motor by the parallel resonant power converter and proposal of a novel circuit topology 8355
Seung Ho Hwang *see* Han Heung Kim 10076
Seung Ho Lee, Jong Wha Chong. A switchbox router using divide-and-conquer technique 983
Seung Hoon Lee *see* Joong Eon Seo 23347
Seung Jae Lee, Kook Hun Kim, Ki Young Nam, Joo Kwang Lee. Service restoration expert system adopting branch pattern-based grouping strategy in distribution systems 32245
Seung Jae Lee, Kuk Hun Kim, Ho Yong Kim, Joo Kwang Lee. An expert system-aided fault control of automated power distribution systems 16340
Seung Jo Han, Sang Ho Lee, Yeon Seol Koo. A scheme for compression and encryption for KSC 5601 Hangul 29427
Seung Joon Ahn, Hong Jin Kong. Pulse compression of an additive-pulse modelocked CW Nd:YLF laser by an optical fiber and a grating pair 43789
Seung Kee Yang *see* Hwan Seong Moon 33734
Seung Ki Joo *see* Yong Jin Song 2106
Seung-Chan Moon *see* Tai-Kyung Won 11092
Seung-Ho Ahn *see* Oh-Gone Chun 43414
Seung-Ho Song *see* Jun-Keun Ji 17622
Seung-Hoon Lee, Bang-Sup Song. Interstage gain proration technique for digital-domain multi-step ADC calibration 34132
Seung-Ki Chae *see* Liu, B.Y.H. 1993
Seung-Ki Sul *see* Dong-Choon Lee 8648
Seung-Ki Sul *see* Jun-Keun Ji 17622
Seungchul Park, Yanghee Choi. Multimedia communication architecture in SMART (Seoul Multimedia Advanced Research Testbed) 37436
Seungwon Choi, Sarkar, T.K., Sang Seol Lee. Design of two-dimensional Tseng window and its application to antenna array for the detection of AM signal in the presence of strong jammers in mobile communication 29593
Sevalia, P. *see* Legenhausen, J. 26936
Sevcik, D.R. *see* Kezunovic, M. 32507
Sevcik, D.R. *see* Kezunovic, M. 47610
Sevcik, D.R. *see* Kezunovic, M. 47936
Sevcik, M. O-N-M-S - adaptability guaranteed 47294
Sevcik, P., Kulla, P., Misun, J., Chrenek, M. A new modification of photometric method 36944
Sevcik, P. *see* Kulla, P. 38560
Sevcik, P.J. Arguments and architectures for ATM 14030
Sevcik, P.J. Edge routing - the next routing evolution 22542
Sevely, J. *see* Henry, F. 9760
Sevenhans, J., Vanwelsenaers, A., Wenin, J., Baro, I. An integrated Si bipolar RF transceiver for a zero IF 900 MHz GSM digital mobile radio frontend of a hand portable phone 22870
Sevenhans, J. *see* Vanneuville, J. 10219
Seveque, F. *see* Barriot, E. 45622
Severgin, Yu. *see* Efimov, S. 15384
Severgin, Yu.P. *see* Ananiev, S.M. 15680
Severgin, Yu.P. *see* Dolinsky, A.V. 15287
Severgin, Yu.P. *see* Dolinsky, A.V. 15677
Severgin, Yu.P. *see* Kukhtin, V.P. 15581
Severijns, N. *see* De Moor, P. 24029
Severikov, V.N. *see* Voitovich, A.P. 20604
Severs, A.H., Schasfoort, R.B.M., Salden, M.H.L. An immunosensor for syphilis screening based on surface plasmon resonance 23745
Sever'yanov, V.V. *see* Rukhadze, A.A. 27427
Sevic, J.F., Patterson, D.B. Noninvasive polarization eigenmode coupling in elliptical-core optical fiber based on bulk shear acoustic waves 11719
Sevinc, A., Leblebicioglu, K. An observer design method for an induction machine 40220
Sevray, P. Managing with OMNIPoint 37317
Sewai, H. *see* Haruna, M. 43763
Seward, J.B. *see* Belohlavek, M. 7415
Sewchand, W. *see* Lei, T. 4904
Sewczyk, W. *see* Reichwaldt, D. 25160
Sewell, F. *see* Mu, Y. 43122
Sewell, F. *see* Rishton, S.A. 28164
Sewell, J.I. *see* Hossack, D.M. 42007
Sewell, J.I. *see* Yue, L. 42036
Sewell, R.A. Choosing a process for welding precision components 25969
Sewell, R.F. Bulk encryption algorithm for use with RSA 21513
Seweryn, A. *see* Czarczynska, H. 1752
Sexton, F.W., Horn, K.M., Doyle, B.L., Laird, J.S., Cholewa, M., Saint, A., Legge, G.J.F. Relationship between IBICC imaging and SEU in CMOS ICs 35074
Sexton, G.G. *see* Mak, M.W. 36600
Sexton, M., Roverano, M., de Cremiers, F.X. SDH architecture and standards 22449
Sexton, M. *see* de Rontemont, O. 22451
Sexton, M. *see* Gonzalez Soto, O. 22452
Seya, E., Hidaka, M., Ito, M., Katagiri, S., Takeda, E. In-position optical surface measurement for X-ray projection lithography optics. Theory and simulation 31426
Seyboth, P. *see* Bachler, J. 46934
Seyd-Darwish, I., Taboury, J., Chavel, P. Recording conditions of an array-illuminator hologram based on the Talbot effect 21104
Seyd-Darwish, I. *see* Zhai, H.C. 44146
Seyerlein, J. *see* Bachler, J. 46934
Seyfarth, J. *see* Nachtwei, G. 19391
Seyffarth, K. Small cycle double covers of 4-connected planar graphs 26315
Seymour, J. *see* Rathe, R. 14835
Seymour, J.P., Fitz, M.P. Nonlinear digital phase estimation for mobile communications 47781
Seymour, P.D. *see* Robertson, N. 41069
Seyoung Im *see* Hyeongyu Kim 34486
Seyyedi, J. Thermal fatigue of low-temperature solder alloys in insertion mount assembly 285
Seyyedy, M. *see* Lowrey, T. 1236
Sezaki, K., Yasuda, Y. A general architecture of ATM switching networks which are non-blocking at cell level 30184
Sezan, M.I., Lagendijk, R.L. Frame rate conversion of motion picture films for progressive-scan HDTV 14806
Sezan, M.I. *see* Chang, M.M. 30070
Sezan, M.I. *see* Ozkan, M.K. 21967
Sezi, R. *see* Leuschner, R. 11101
Sezi, T. *see* Lemmer, S. 16449
Sezi, T. *see* Lemmer, S. 32473
Sfakianakis, M.E., Papastavridis, S.G. Reliability of a general consecutive-k-out-of-n:F system 17972

Sfez, R., Raes, S., Pequet, E., Makowski, P., Dewey, R. Influence of message coding schemes on the design of a call set-up protocol 37155
Sfez, R. *see* Dewey, R. 22879
Sfondrini, L. *see* Boatto, C. 25578
Sforza, M., Buonomo, S., Baptista, J.P.V.P. Global coverage mobile satellite systems: system availability versus channel propagation impairments 37934
Sforza, M., Di Bernardo, G., Cioni, R. Propagation model for the land mobile satellite channel in urban environments 36177
Sforza, M. *see* van Dooren, G.A.J. 36176
Sforza, M. *see* van Dooren, G.A.J. 37968
Sforza, P.M. *see* Shooman, M.L. 7561
Sfyrakis, M. *see* Stephanidis, C. 37567
Sghaier, H. *see* Ballon, J. 46910
Sgreccia, A. *see* De Flaviis, F. 1567
Sha, L. *see* Davari, S. 5547
Sha, S., Nakamoto, T., Moriizumi, T. Chemical oscillation device of lipid across a micropore and its chemical sensing functions 15101
Sha Ciwen *see* Cai Ningsheng 25306
Sha Ciwen *see* Zhou Kuo 25345
Sha Guohe *see* Feng Hao 12017
Sha Guohe *see* Zhuang Qi 12003
Sha Guohe *see* Zhuang Qi 35670
Sha Xiangyue *see* Xi Dexun 46715
Sha Yi-Gao *see* Yi-Gao Sha
Sha-Bai Li *see* Li Sha-Bai
Shaalan, H.E. *see* Broadwater, R.P. 32408
Shaalan, H.E. *see* Broadwater, R.P. 47502
Shaari, A.H., Sidek, H.A.A., Hashim, M. Fabrication of yttrium-iron garnet using a front-loading hot-press furnace 881
Shabalin, A.L. *see* Dudnikov, V.G. 46819
Shabalin, E.P. *see* Sobolev, N.A. 2038
Shabalin, E.P. *see* Sobolev, N.A. 42625
Shaban, H. *see* Mansour, B.A. 28601
Shaban, M., Lorenzo, S., Nozal, L., Oliveira, R. FFT look up table for image processing 30017
Shaban, Y.R., Miley, G.H. Practical, visible wavelength nuclear-pumped laser 20645
Shabanov, N.G. Experimental investigations of some versions of RF absorbing materials 31411
Shabanov, N.G. *see* Pirozhenko, V.K. 27135
Shabanov, S.V. *see* Afanasiev, G.N. 4018
Shabir, M. *see* Ahsan, J. 527
Shablii, V.P. *see* Cheborin, O.G. 25901
Shacham, E. *see* Hoang, L. 18712
Shacham, Y. *see* Nucci, J. 33720
Shacham-Diamand, Y. Filament formation and the final resistance modeling in amorphous-silicon vertical programmable element 10146
Shacham-Diamand, Y., Koutras, C., Goodwin, F., Keddie, J.L., Giannelis, E.P. Characterization of spin-on titanium-nitride [metallisation] 783
Shacham-Diamand, Y. *see* Atzmon, Z. 19540
Shacham-Diamand, Y. *see* Cho, J.S.H. 19639
Shacham-Diamand, Y. *see* Goodwin, F. 830
Shacham-Diamand, Y.Y. *see* Giannelis, E.P. 28227
Shackle, D.R. *see* Brodd, R.J. 40447
Shadaram, M., Lutes, G., Logan, R.T., Jr., Maleki, L. Implementation of adjustable microwave transversal filters using fiber optic delay lines 10432
Shadaram, M. *see* Hendrick, R.O., Jr. 11623
Shaddock, R. DSP operating system speeds code creation 1256
Shaderma, M. *see* Hamed, S.A. 25863
Shadid, J.N., Tuminaro, R.S. A comparison of preconditioned nonsymmetric Krylov methods on a large-scale MIMD machine 41149
Shadle, D.C. The critical link—transmission development. A case example: the GPU-DQE transmission line 32323
Shadman, F. *see* Haider, A.M. 1997
Shadman, F. *see* Ma, C. 34650
Shadrin, I.A. *see* Ostapenko, G.S. 275
Shadrin, M.P., Smagin, Yu.A., Vdovina, L.M. Compensation of the error due to comparator operating delay 10247
Shadrin, V.D., Coon, V.T., Blokhin, I.K. Multiplication performance self-stabilization in blocked impurity band photodetectors 23622
Shadrov, V.G. *see* Tkachenko, T.M. 28353
Shae Zon-Yin *see* Zon-Yin Shae
Shaeffer, D.L. *see* Swegle, J.A. 34484
Shaevitz, M.H. *see* Auchincloss, P.S. 46953
Shaevitz, M.H. *see* Kinnel, T.S. 38880
Shafai, B. *see* Dantowitz, P. 10373
Shafai, C., Thomson, D.J., Simard-Normandin, M. Two-dimensional delineation of semiconductor doping by scanning resistance microscopy 42621
Shafai, C., Thomson, D.J., Simard-Normandin, M., Mattiussi, G., Scanlon, P.J. Delineation of semiconductor doping by scanning resistance microscopy 19530
Shafai, E. *see* Dantowitz, P. 10373
Shafai, F., Gan, L., Morrow, D. Determination of the interruptible load carrying capability in a generation system 32206
Shafai, L., Barakat, M. Low cost antennas for MSAT vehicular applications 36358
Shafai, L., Yang, X.H. Antenna performance enhancement by slotted microstrip patches 4282
Shafai, L. *see* Shaker, J. 4283
Shafai, L. *see* Xian Hua Yang 36334
Shafeev, G.A. Laser activation and metallization of corundum 42772
Shafer, M.E. *see* Kenney, T.J. 22168
Shafer, R.E. Log-ratio signal-processing technique for beam position monitors 6970
Shafer, S.A. *see* Dow, A.I. 7370
Shaferova, S.Yu. *see* Kozyrev, A.B. 28396
Shaferovskii, V.A. *see* Serenko, A.N. 9041
Shaffer, E.C., Gross, C.A. Methods for determining linear synchronous machine parameters 47903
Shaffer, M.A. Software quality assurance 16582
Shaffner, T.J. Physical characterization limits imposed by random sampling 441
Shafi, M., Smith, P. The impact of G.826 [digital systems error performance] 5293
Shafi, M. *see* Clark, M.V. 37777
Shafi, M. *see* Kaiser, C.P. 45942
Shafi, Z.A. *see* Chan, K.K. 11164
Shafigullin, R.R. *see* Amelin, A.I. 7287
Shafik, E., Basu, K. Real-time automatic message accounting data transport 45460
Shafrir, S. *see* Eran, Y. 17932
Shah, A., Hubin, J., Sauvain, E., Pipoz, P., Beck, N., Wyrsch, N. Role of dangling bond charge determining $\mu\tau$ products for a-Si:H 34539
Shah, A. *see* Arora, B.M. 23644
Shah, A. *see* Beck, N. 28595
Shah, A. *see* Jensen, J.F. 7411
Shah, A. *see* Kroll, U. 33711
Shah, A. *see* Pipoz, P. 43612
Shah, A. *see* Sauvain, E. 34542
Shah, A.V. *see* Frye, R.C. 303
Shah, A.V. *see* Frye, R.C. 9253
Shah, B. *see* Ravindra, N.M. 10740
Shah, D.K., Joshi, S.P., Chan, W.S. Static structural response of plates with piezoceramic layers 2717
Shah, D.K., Joshi, S.P., Chan, W.S. Structural response of plates with piezoceramic layers 28329
Shah, D.O. *see* Hingorani, S. 10514
Shah, H.S. *see* Chakrabarti, P. 35573
Shah, I.A., Beuker, R.A. Intraframe processing of interlaced video: analysis and applications 13813
Shah, I.A., Kalker, A.A.C. Generalized theory of multidimensional M-band filter bank design 10329
Shah, I.A. *see* Tolhuizen, L.M.G.M. 45009
Shah, J. *see* Schneider, H. 38496
Shah, K.S. *see* Carlson, D.R. 32348
Shah, K.S. *see* Squillante, M.R. 7188
Shah, M.M. Design of electronic circuits and computer aided design 17655
Shah, M.V. *see* Lal, C. 26180
Shah, P.N. *see* Prior, R.P. 39882
Shah, S. *see* Moshref, A. 7722
Shah, S.I. *see* Spinks, T.J. 15740
Shah, S.P. *see* Landis, E.N. 41514
Shah, V. *see* Eskildsen, L. 12066
Shahadi, A. *see* Jerby, E. 43697
Shahbazi, S. *see* Brown, O. 25053
Shahbazian, E., Simard, M.-A., Bourassa, S. Implementation strategies for the central-level Multi-Hypothesis Tracking fusion with multiple dissimilar sensors 4754
Shahbazian, E. *see* Bourassa, S. 29627
Shaheed, M.R., Maziar, C.M. Extension of common-emitter breakdown voltage for high speed Si/$Si_{1-x}Ge_x$ HBT's 11170
Shahein, H.I., Abbas, H.M. ECG data compression via cubic-splines and scan-along polygonal approximation 47086
Shahid, M., Barton, S.K., Shepherd, S.J. A comparative study of nondata-aided symbol timing recovery techniques for digital satellite communications 21495
Shahidehpour, S.M. *see* Deeb, N.I. 32295
Shahidehpour, S.M. *see* Labudda, K.D. 32180
Shahidehpour, S.M. *see* Li, S. 24704
Shahidehpour, S.M. *see* Nwankpa, C.O. 7836
Shahidehpour, S.M. *see* Nwankpa, C.O. 24653
Shahidehpour, S.M. *see* Roytelman, I. 32406
Shahidehpour, S.M. *see* Roytelman, I. 32407
Shahidehpour, S.M. *see* Wang, C. 24725
Shahidehpour, S.M. *see* Wang, C. 24726
Shahidehpour, S.M. *see* Wang, C. 39702
Shahidehpour, S.M. *see* Wang, C. 47624
Shahidi, G.G. SOI: opportunities and challenges for sub-0.25 μm VLSI 11286
Shahidi, G.G., Warnock, J., Fischer, S., McFarland, P.A., Acovic, A., Subbanna, S., Ganin, E., Crabbe, E., Comfort, J., Sun, J.Y.-C., Ning, T.H., Davari, B. High-performance devices for a 0.15-μm CMOS technology 11305
Shahnasser, H. *see* Grams, P.R. 30517
Shahriar, M.S. *see* Hemmer, P.R. 35319
Shahriari, M.R. *see* Iqbal, T. 43374
Shahriari, M.R. *see* Maher, M.H. 6526
Shahshahani, M. Wavelets and image compression 29918
Shaigabudinov, A.R. *see* Belyaev, V.N. 46991
Shaigabudinov, A.R. *see* Belyaev, V.N. 47009
Shaih Shih-Chang *see* Shih-Chang Shaih
Shaikh, A. *see* Vasudevan, S. 19152
Shaikh, M.Z. *see* Hashmi, M.K. 18675
Shain, M. Security issues with enterprise multimedia 45397
Shakal, A., Liao, Y., Lipo, T.A. A permanent magnet AC machine structure with true field weakening capability 16770
Shakaran, Yu.G. *see* Radin, V.I. 25282
Shakarimov, A.S. *see* Saidov, M.S. 33040
Shakaryan, Yu.G. Generation by converter-fed electrical machine systems 40098
Shakchgildian, V.V. *see* Kabanov, A.I. 27200
Shaked, D. *see* Sapiro, G. 509
Shaker, J., Shafai, L. Reduced angular sensitivity frequency selective surface 4283
Shakhlevich, L.N. *see* Kuchinskii, P.V. 10936
Shakhmayev, M.M. The problem of the threshold in a receiver of single-sideband frequency-modulated signals 22760
Shakhmayev, M.M. The noise immunity of a single-sideband frequency modulation receiver 37696
Shakhovtsov, K.V. *see* Shakhovtsova, S.I. 1865
Shakhovtsova, S.I., Shakhovtsov, K.V., Shpinar, L.I., Yaskovets, I.I. Scale of composition fluctuations in Ge_xSi_{1-x} alloys 1865
Shakil-ur-Rehman, Zubairy, M.S. Digital logic operations and half-adder in photorefractive material 35529
Shakshin, N.I., Deordiev, G.I., Kuznetsov, I.A., Sherbinin, V.E. Magnetic inspection of heat treatment of steel with use of Fourier descriptors of the hysteresis loop 41509
Shakun, N.G. *see* Onischenko, L.M. 15569
Shalaginov, S.L. *see* Ginzburg, N.S. 1789
Shalamberidze, S.O. *see* Bykovskii, Yu.A. 38438
Shalayev, A.Ya. *see* Avakov, R.A. 14341
Shalev, P., Jackel, S., Lallouz, R., Borenstein, A. Low-threshold phase conjugate mirrors based on position-insensitive tapered waveguides 44095
Shalev, S. *see* Wowk, B. 31973
Shalev, S. *see* Wowk, B. 39087
Shaligram, A.D. *see* Singh, B.K. 13580
Shaligram, A.D. *see* Singh, S. 20476
Shalimova, M.B. *see* Rozhkov, V.A. 43604
Shalin, V. *see* Miller, C.A. 39214
Shallit, J. *see* Bach, E. 582
Shaltaf, S., Namazi, N.M. Application of the EM technique to estimation of affine modeled image motion 21984
Shalyaev, M.F., Sadovnikov, V.P. Propagation of laser radiation along a vertical path in the atmosphere with stimulated Raman scattering 28947
Shalygin, A.B. *see* Gavrishchuk, O.P. 31765
Sham, Q. *see* Sanchez, J. 30806
Sham, Q. *see* Sara, L. 37295
Sham-Tsong Shiue, Yuan-Kuang Tu Design of single-coated optical fibers to minimize thermally and mechanically induced microbending losses 28462
Shamai, S. Information rates for the peak- and slope-limited magnetization model with binary signaling 28375
Shamai, S. *see* Dallal, Y.E. 5901
Shamai, Y. *see* Lifshitz, Y. 33334
Shamash, Y. *see* Mosher, C.C. 26094
Shamblin, D.L. *see* West, R.J. 39501
Shamey, L. *see* Dale, C. 39241
Shami, P.N. *see* Johnson, D.H. 4762
Shamir, A. *see* Biham, E. 21540
Shamir, J. *see* Rhee, U.-S. 3921
Shamir, J. *see* Singher, L. 44149
Shamir, N. *see* Gaibazzi, A. 38088
Shamir, U. *see* Ostfeld, A. 9341
Shamirzaev, S.Kh. *see* Mirsagatov, Sh.A. 33037
Shamirzaev, T.G. *see* Mirsagatov, Sh.A. 33037
Shamirzaev, T.S. *see* Zhuravlev, K.S. 33623
Shammas, N.Y.A. *see* Ballad, J.P. 8589
Shammas, N.Y.A. *see* Hoban, P.T. 1060
Shamonin, M., Erdmann, A., Hertel, P., Dotsch, H. A note on the analysis of nonreciprocal phase shifters by the spectral index method 11668
Shamonin, M. *see* Erdmann, A. 3090
Shamonin, M.V. *see* Aleshkevich, V.A. 43382
Shamonina, E.A. *see* Kazanskii, A.G. 34530
Shamovsky, V.G. *see* Alinovsky, N.I. 15330
Shampine, L.F. Ill-conditioned matrices and the integration of stiff ODEs 18075
Shams El Din, A.M., Wang, L. Galvanic corrosion of copper/silver contacts in electrical switches 27338
Shamsuddin, M., Nasar, A., Tare, V.B. Electrical conductivity of tellurium deficient cadmium telluride 19343
Shamsunder, S., Giannakis, G.B. Ambiguity function, polynomial phase signals and higher-order cyclostationarity 4718
Shan, J. *see* Beeson, K.W. 43541
Shan, X., Spirit, D.M., Ellis, A.D., Widdowson, T., Malyon, D.J., Siddiqui, A.S. Mode-locked erbium fibre lasers for application in optical soliton communications 3525
Shan, X. *see* Yao, J. 5930
Shan Jiang *see* Jiang Shan
Shan Jianhui *see* Jianhui Shan
Shan Qing *see* Qing Shan
Shan Wang *see* Wang Shan
Shan Yu, Klette, A., Olinger, C., Hall, E. A comparative study of moment invariants for perspective transformation 30015
Shan-Hsin Tsao *see* Ching-Chir Shyur 5993

Shan-liang Liu, Wen-zheng Wang Complete compensation for the soliton self-frequency shift and third-order dispersion of a fiber 23022
Shan-Ming Lan *see* Cheng, C. 46926
Shan-Yu Lin *see* Ying-Yi Hong 24842
Shanabrook, B.V. *see* Bennett, B.R. 41350
Shanabrook, B.V. *see* Boos, J.B. 1554
Shanabrook, B.V. *see* Snow, E.S. 18235
Shanahan, D.E. *see* Latorella, K.A. 7530
Shanavrin, V.S. *see* Letin, V.A. 32042
Shanbhag, N.R., Parhi, K.K. A pipelined adaptive lattice filter architecture: theory and applications 21990
Shanbhag, N.R., Parhi, K.K. Pipelined adaptive DFE architectures 34009
Shanbhag, N.R., Parhi, K.K. Relaxed look-ahead pipelined LMS adaptive filters and their application to ADPCM coder 34167
Shanchuan Su 2D-position determination of orthogonal rectangular packages for recognition of staple scheme with multi-sensor system 46490
Shandarov, S. *see* Shandarov, V. 3926
Shandarov, S.M. *see* Shandarov, V.M. 3109
Shandarov, S.M. *see* Shepelevich, V.V. 3900
Shandarov, V., Shandarov, S. Holographic elements use in integrated acoustooptical vector−matrix multiplication devices 3926
Shandarov, V.M., Shandarov, S.M. Investigation of leaky optical waves of anisotropic planar waveguides and their use in integrated optical elements 3109
Shandle, J. Mass storage looks for new solutions 2939
Shandle, J. Incompatible audio sources matched by digital IC 6262
Shandle, J. IC aims at digital-audio decompression standards 6267
Shandle, J. Fuzzy logic is shedding its "half-baked" image 41725
Shanefield, D.J. *see* Chiang, W.-L. 40978
Shaneyfelt, M.R., Fleetwood, D.M., Winokur, P.S., Schwank, J.R., Meisenheimer, T.L. Effects of device scaling and geometry on MOS radiation hardness assurance 34982
Shaneyfelt, M.R. *see* Devine, R.A.B. 34645
Shaneyfelt, M.R. *see* Fleetwood, D.M. 34977
Shaneyfelt, M.R. *see* Fleetwood, D.M. 42966
Shaneyfelt, M.R. *see* Schwank, J.R. 34981
Shaneyfelt, M.R. *see* Warren, W.L. 34633
Shanfield, S. *see* Huang, J.C. 1566
Shang, A. *see* de Oliveira, C.A.S. 3784
Shang, H.M. *see* Chau, F.S. 21112
Shang, H.M. *see* Tay, C.J. 29077
Shang, H.M. *see* Tay, C.J. 44185
Shang, L., Campbell, S.A., Liu, W.H. The development of an anisotropic Si etch process selective to Ge_xSi_{1-x} underlayers 34766
Shang, S.X. *see* Wang, H. 9780
Shang, W., Damstra, G.C. The properties of triggered vacuum gaps 8706
Shang, W., Schellekens, H., Hilderink, J. Experimental investigations into the arc properties of vacuum interrupters with horseshoe electrode, four pole electrode, and their applications 40363
Shang, W. *see* Schellekens, H. 40361
Shang, W. *see* Schellekens, H. 40362
Shang, W.K., Damstra, G.C., Songmin, S. The high level chopping phenomena of sink-in type triggered vacuum gaps 1770
Shang, Z.Q. The convergence problem in SPICE 41568
Shang Chang Dong *see* Dong Shang Chang
Shang Changjing *see* Changjing Shang
Shang Jian *see* Zhang Yimen 28218
Shang Kyoo Lee *see* Hyoung Chan Ha 2516
Shang Zhou-Yuan *see* Feng Qi-Ning 7576
Shang Zuoqi *see* Zuoqi Shang
Shang-E Tai, Bhattacharya, D. A three-stage partial scan design method using the sequential circuit flow graph 41816
Shang-Lian Huang *see* Huang Shang-Lian
Shang-Ping Li *see* Li Shang-Ping
Shang-Ping Xu *see* Xu Shang-Ping
Shangina, E.L. *see* Kadushkin, V.I. 10716
Shangina, E.L. *see* Kulbachinskii, V.A. 34566
Shangqian Liu *see* Liu Shangqian
Shangqing Liu, Yuxing Xia A practical method of improving definition for underwater image capture 39393
Shangqing Wu *see* Wu Shangqing
Shanjia Xu *see* Xu Shanjia
Shanjie Zhang Numerical computation of spheroidal wave functions 36130
Shank, J.T. *see* Abe, K. 7260
Shank, J.T. *see* Abe, K. 15619
Shank, J.T. *see* Abe, K. 46930
Shank, S.M. *see* Sweetser, J.N. 20810
Shankar, A.U. *see* Matta, I. 37541
Shankar, A.Udaya *see* Udaya Shankar, A.
Shankar, G. *see* Singh, V. 27279
Shankar, G. *see* Verma, S.K. 42190
Shankar, G. *see* Verma, S.K. 42243
Shankar, K. *see* Beaumont, S.P. 15637
Shankar, K. *see* French, M. 46849
Shankar, P.M. *see* Brophy, T.J. 3055
Shankar, R.K. *see* Shukla, A.K. 16937
Shankar, R.V., Krishnaswamy, D. Classification of pen gestures using learning vector quantization 29862
Shankar, R.V., Ranka, S. Parallel vision algorithms using sparse array representations 4821
Shankar Rao, D.S. *see* Ruth, J. 3211
Shankar Singh, R. *see* Om Pal Singh 39829
Shankara, K.N. Communication payloads—present and future 30672
Shankara, K.N. *see* Deivendran, S. 30689
Shankaranarayanan, N.K. *see* Alexander, S.B. 6055
Shankaranarayanan, N.K. *see* Wood, T.H. 45921
Shanken, S.N. *see* Bertin, C.L. 41900
Shanker, B. Asymptotic evaluation of the Green's functions for a biased n-type semiconductor 42649
Shanker, O. *see* Krishnan, R. 15319
Shanker, O. *see* Roy, R. 23951
Shanks, W.L. *see* Bursh, T.P., Jr. 22856
Shanmugan, K.S. *see* Srinivas, S. 12599
Shann, R., Oakley, J., Davis, D., White, F. Detection of circular arcs for content-based retrieval from an image database 36934
Shannikov, D.V. *see* Pinchuk, G.A. 23248
Shanno, D.F. *see* Lustig, I.J. 41093
Shannon, D.C., Vecht, D.L., Re, S., Alonis, J., Wallace, R.W. High average power diode-pumped lasers near 2 μm 20728
Shannon, G.F. *see* Hosseini, S.H. 7796
Shannon, J.M., Sandoe, J.N., French, I.D., Annis, A.D. Electronic properties of a-SiN_x:H thin film diodes 28081
Shanny, R. *see* Papadopoulos, K. 4111
Shanov, V., Popov, C., Ivanov, B. LCVD of aluminium stripes obtained by pyrolysis of TMAA and TMA 10993
Shantz, J. Managed frame relay networks 37327
Shao, C. *see* Inanami, R. 18264
Shao, G. *see* Zuoya, Y. 11642
Shao, J., Rao, N.D., Zhang, Y. A capacitor placement expert system 32395
Shao, K., Jing, D., Zhang, L.X., Jiao, G., Lin, J.T., Yan Shao Lin, Fang Lan Superconducting logic circuit with TBCCO thin film weak links 33997
Shao, K. *see* Xiong, G.C. 33618
Shao, K.R., Lavers, J.D. Method of fundamental solutions based on the second order vector potential formulation for 3D eddy current analysis 44243
Shao, K.R. *see* Jiazheng Lu 3995
Shao, K.R. *see* Jiazheng Lu 3996
Shao, K.R. *see* Lu Jiazheng 3998
Shao, M. *see* Compaan, A. 25701
Shao, Y. Online strategies in the Chinese banking sector 14301
Shao, Z.S. *see* Liu, M.G. 28424
Shao, Z.Y. *see* Allan, J. 8931
Shao Bao-Min *see* Bao-Min Shao
Shao Beibei *see* Chen Yu 6924
Shao Changjing, Qin Juru High precision, miniature optical fiber transmission system for multiple-path test signal 43450
Shao Diling *see* Zhang Xiumiao 15186
Shao En Jiang *see* Jiang Shao En
Shao Fangyin A review of the development of compact transmission lines and several suggestions 7949
Shao Hanguang *see* Yuan Zhiyong 47853
Shao Hsueh *see* Huang, H. 7044
Shao Hua Chen *see* Bandler, J.W. 41597
Shao Lin Yan *see* Yan Shao Lin
Shao Peifa *see* Xu Xuewu 18117
Shao Shou-Kuo *see* Shou-Kuo Shao
Shao Yang, Yadlowsky, M.J., Hjelme, D.R., Mickelson, A.R. Interlaboratory comparison of mode transition matrices 11603
Shao Zhongshu *see* Zhang Nan 12320
Shao Zongshu *see* Mu Xiaodong 20379
Shao Zongshu *see* Zongshu Shao
Shao-Chun Chen *see* Chen Shao-Chun
Shao-Fang Gong, Strandberg, J., Thiede, H., Hentzell, H., Hesselbom, H., Karner, W. Investigation of high-speed pulse transmission in MCM-D 17901
Shao-Jun Xiao *see* Xiao Shao-Jun
Shao-Kung Chang, Pau-Lo Hsu A transfer matrix approach for designing the fault identification/detection filter 458
Shao-Ming Wang A cubic structure on an arbitrary quadrilateral 26333
Shao-Ming Wu *see* Wu Shao-Ming
Shao-Shiun Chung, S. *see* Jyh-Chyurn Guo 42926
Shaobo Lin *see* Jialin Xie 43973
Shaochun Ge *see* Ge Shaochun
Shaofan Xu *see* Crilly, P.B. 38237
Shaojun Fu *see* Zhengfu Han 42547
Shaolin Bi, Sayood, K. Simple high-quality lossy image coding scheme 30136
Shaolin Li, Schultheiss, P.M. Depth measurement of remote sources using multipath propagation 44877
Shaomin Zhou, Campbell, S., Weishu Wu, Pochi Yeh, Hua-Kuang Liu Modified-signed-digit arithmetic for multi-input digital optical computing 43577
Shaoping Li, Jyh Sheen, Sei-Joo Jang, Bhalla, A.S., Cross, L.E. Quasi lumped parameter method for microwave measurements of dielectric dispersion in ferroelectric ceramics 6734
Shaoqing Wang *see* Wang Shaoqing
Shaoqing Xu *see* Songyuan Xu 17134
Shaoqing Xu *see* Songyuan Xu 25986
Shaoting Gu *see* Gu Shaoting
Shaowei He *see* He Shaowei
Shaoyan Chen *see* Chen Shaoyan
Shapar, V.A. *see* Skorynin, Yu.V. 38382
Shaparev, N.K., Alhajji, A. A momental sensor for an asynchronous motor for controlling technological processes 33101
Shapira, I. Top down and bottom up FPGA retargeting 26836
Shapira, I. Top down system design for CPLDs, FPGAs 41810
Shapira, J., Wheatley, C.E. Channel based optimum bandwidth for spread spectrum land cellular radio 37782
Shapira, P. Japan looks after the little guys [manufacturing industries] 211
Shapira, Y. *see* Korobov, V. 33704
Shapira, Y. *see* Muret, P. 11138
Shapiro, A.A. *see* Brown, R.L. 1758
Shapiro, A.A. *see* Brown, R.L. 9256
Shapiro, B.M. *see* Shul'gin, B.V. 46882
Shapiro, F.R., Das, A. The simulation of a-Si:H junction capacitance measurements 27573
Shapiro, J.H. *see* Alexander, S.B. 6055
Shapiro, J.M. An embedded hierarchical image coder using zerotrees of wavelet coefficients 4843
Shapiro, J.M. Image coding using the embedded zerotree wavelet algorithm 22111
Shapiro, J.M. Embedded image coding using zerotrees of wavelet coefficients 45252
Shapiro, L.G. *see* Yi, S. 45041
Shapiro, M.A., Vlasov, S.N. Theory of quasioptical converters for waveguide modes 10425
Shapiro, M.A. *see* Ginzburg, N.S. 35909
Shapiro, M.D. *see* Amidei, D. 46890
Shapiro, M.D. *see* Tkaczyk, S. 46989
Shapiro, P. *see* Summers, G.P. 34884
Shapiro, R. *see* Harrison, M. 104
Shapiro, R. *see* Xapsos, M.A. 34068
Shapiro, S. *see* Abe, K. 7260
Shapiro, S. *see* Abe, K. 15619
Shapiro, S. *see* Abe, K. 46930
Shapland, A.J. *see* Dolan, J.E. 47992
Shapo, B.M. *see* Yemelyanov, S.Y. 7400
Shapoval, S.Y. *see* Popov, O.A. 41451
Shapovalov, V.P., Gryadun, V.I., Tokarev, V.P. Kinetics of formation of structure defects in a surface layer of silicon during thermal oxidation 42685
Shappir, J. *see* Rahat, I. 19610
Sharaf, A.M., Snider, L.A. An intelligent voltage controller for static VAr compensators 47401
Sharaf, A.M. *see* Abdel-Ghaffar, A.S. 8437
Sharaf, A.M. *see* Altas, I.H. 8240
Sharaf, A.M. *see* El-Khouly, F.M. 48165
Sharaf, A.M. *see* Shokrolla, S.S. 9062
Sharaf, A.M. *see* Soliman, H.F. 48164
Sharaf, K.M., Elmasry, M.I. An accurate analytical propagation delay model for high-speed CML bipolar circuits 43091
Sharaf, T.A. *see* Berg, G.J. 39517
Sharaf, T.A.M., Berg, G.J. Loadability in composite generation/transmission power-system reliability evaluation 24636
Sharaf, T.A.M. *see* Obadina, O.O. 7731
Sharafutdinov, R.M. *see* Semenov, A.B. 23049
Sharaiha, A. *see* Li, H.W. 46013
Sharapa, A.N., Shemyakin, A.V. Electron cooling device without bending magnets 7006
Sharapov, S.A. *see* Vavriv, D.M. 10006
Sharbutt, A. *see* Yarbrough, L. 47770
Share, J. The care and feeding of a klystron amplifier 10623
Shareef, I.A. *see* Cifuentes, A.O. 27778
Shareefuddin, Md. *see* Sreepathi Rao, S. 48047
Sharer, R.J. Options for dial-up remote access 22531
Sharfin, W.F. *see* Chirravuri, J. 3513
Sharfin, W.F. *see* Zou, Y. 12111
Sharfin, W.F. *see* Zou, Y. 20835
Sharif, A. *see* Moinpour, M. 853
Sharif, H.R. Modeling and simulation of LAN access protocols 26102
Sharifi, K., Leping Xiao, Leon-Garcia, A. Adaptive subband coding of full motion video 36819
Sharifian, M.B.B. *see* Faiz, J. 8404
Sharkey, W.W. *see* McLean, R.P. 30277
Sharkovsky, A.N. Chaos from a time-delayed Chua's circuit 26645
Sharkovsky, A.N., Chua, L.O. Chaos in some 1-D discontinuous maps that appear in the analysis of electrical circuits 26642
Sharkovsky, A.N., Maistrenko, Yu., Deregel, P., Chua, L.O. Dry turbulence from a time-delayed Chua's circuit 1006
Sharma, A., Wilson, S.E., Roy, R.J. Autoregressive modeling of EEG signals for monitoring anesthetic levels 24292
Sharma, A. *see* Elgin, J.N. 3688
Sharma, A. *see* Gupta, B.D. 23684
Sharma, A. *see* Sharma, E.K. 20337
Sharma, A.B. *see* Lochmann, S. 2950
Sharma, A.K., Dow, G.S., Aust, M., Canyon, J., Allen, B., Pak, S., Yang, D., Hwang, Y., Tan, K. Ka-band power PHEMT on-wafer characterization using prematched structures 1649

Sharma, A.K., Dwivedi, R., Srivastava, S.K., Pathak, C.M. Performance analysis of a modified solar array under shadow conditions 40469
Sharma, A.K. *see* Khairnar, R.S. 27424
Sharma, A.K. *see* Wang, J.R. 24479
Sharma, B., Mahmood, M., Ginetti, A. Timing modeling of datapath layout for synthesis 33847
Sharma, B. *see* Mahmood, M. 969
Sharma, B.L. *see* Kumar, R. 2025
Sharma, C., Julien, K.S. Monitoring power system response to UHP arc furnace operations 40659
Sharma, D.D., Meyer, F.J., Pradhan, D.K. Yield optimization of modular and redundant multimegabit RAMs: a study of effectiveness of coding versus static redundancy using the center-satellite model 34061
Sharma, E.K., Singh, M.P., Sharma, A. Variational analysis of optical fibers with loss or gain 20337
Sharma, E.K., Singh, P. Multilayer waveguide devices with absorbing layers: an exact analysis 3081
Sharma, E.K. *see* Gupta, N. 21363
Sharma, E.K. *see* Singh, M.P. 21362
Sharma, G.D. *see* Whitlock, J.B. 8771
Sharma, H. *see* Nguyen, M.T. 33765
Sharma, H.B., Tandon, R.P., Mansingh, A., Rup, R. Dielectric and piezoelectric properties of sol-gel-derived barium titanate ceramics 2711
Sharma, J.D. *see* Bhanot, V. 39483
Sharma, K.K., Krishna, H. On the estimation of sample size and censoring time in life testing experiments 9351
Sharma, K.K., Krishna, H. Bayesian reliability analysis of a k-out-of-m system and the estimation of sample size and censoring time 41004
Sharma, L.N., Prabhu, S.S. Coordination of PSS and SVC stabilizers for reliable operation under stabilizer failure 39543
Sharma, M. *see* Nakao, M. 38101
Sharma, M.P., Jayanthi, S., Bhaven, V.S. A design approach on the use of computers in C&I applications for 500 MWe PHWR power plants 16502
Sharma, M.S., Arora, N.D. OPTIMA: A nonlinear model parameter extraction program with statistical confidence region algorithms 2673
Sharma, M.S. *see* Kumar, L. 30908
Sharma, P.K., van Doorn, A.R., Staring, E.G.J. Optical gain in rare earth doped polymer amplifiers 3495
Sharma, P.Lal *see* Lal Sharma, P.
Sharma, R., Ali, M.M. Obtaining sea surface height signals from ERS-1 altimeter data 32108
Sharma, R., Bhat, G.A., Kanjilal, A.K., Narain, R., Rashmi, Chitnis, V.T., Uchida, Y. Mask alignment technique using phase shifted moire signals 2348
Sharma, R., Van Veen, B.D. Large modular structures for adaptive beamforming and the Gram-Schmidt preprocessor 45008
Sharma, R. *see* Kiamilev, F. 5671
Sharma, R.C. *see* Garg, S.P. 7231
Sharma, R.K. *see* Kumar, L. 30908
Sharma, R.P., Kumar, A., Kumar, R. Excitations of ion-Bernstein waves in ionospheric modification experiment 21245
Sharma, R.P. *see* Sinha, A.K. 24117
Sharma, R.R. *see* Marar, T.M.K. 47018
Sharma, R.V., Prasad, T., Kumar, S. Study of radio refractive index in association with onset of monsoon 36175
Sharma, S. *see* Tipper, D. 37499
Sharma, S.C. *see* Dahiya, R.P. 25731
Sharma, S.K. *see* Baugh, J.W., Jr. 30497
Sharma, S.K. *see* Kumar, L. 30908
Sharma, S.L. *see* Pal, T. 31770
Sharma, S.L. *see* Samanta, B. 35559
Sharma, S.N., Bose, S., Banerjee, R., Batabyal, A.K., Banerjee, D., Bhattacharya, R. Electronic and structural characterisation of boron-doped hydrogenated silicon thin and ultrathin films prepared by RF magnetron sputtering 27468
Sharma, S.N. *see* Banerjee, R. 795
Sharma, T.P. *see* Tyagi, A.K. 35260
Sharma, U. *see* White, T.R. 19664
Sharma, V., Thomson, A.C. Power system harmonic guidelines and how to evaluate the impact of customer generated harmonics 32209
Sharma, V.K.M. *see* Conibeer, G.J. 42637
Sharma, V.K.M. *see* Henry, B.M. 2456
Sharman, N. *see* Moffat, A. 4389
Sharndo, V.I. *see* Lukhvich, A.A. 23884
Sharon, A. *see* Dhingra, J.S. 5731
Sharon, M. *see* Natarajan, C. 33687
Sharon, O., Segall, A. Schemes for slot reuse in CRMA 45342
Sharonova, L.V. *see* Bakueva, L.G. 41432
Sharony, J., Cheung, K., Stern, T.E. The wavelength dilation concept in lightwave networks—implementation and system considerations 6069
Sharony, J. *see* Stern, T.E. 6073
Sharov, V.A. *see* Barankevich, V.I. 40614
Sharp, B., Fishman, D. Precisely predict propagation loss between microcells 36196
Sharp, D. *see* Lennig, M. 36594
Sharp, E.J. *see* Kukhtarev, N. 21101
Sharp, E.J. *see* Wood, G.L. 21014
Sharp, G., Johnson, K., Doroski, D., Stockley, J., Oh, C., Kaye, W., Obremski, B. Smectic liquid crystal polarization interference filters 20410
Sharp, J.C., Leach, M.O. A phase-encoded selection technique (PEST) for slice selection without resonant-frequency-offset errors 39009
Sharp, J.H. *see* Sinclair, A.G. 20334
Sharp, J.W., Eres, G. Investigation of the kinetics of surface-limited thin film growth of SiGe alloys by CVD of Si_2H_6/Ge_2H_6 mixtures 41443
Sharp, N. *see* Begley, M. 14411
Sharp, P.H. *see* Beaumont, S.P. 15637
Sharp, R., Rasmussen, O. Rewriting with constraints in T-ruby 952
Sharp, R., Rasmussen, O. Transformational rewriting with Ruby 2632
Sharp, R. *see* Decreton, M. 2450
Sharp, R.S., Pan, D. On the design of an active roll control system for a luxury car 17581
Sharp, W.M., Barnard, J.J., Yu, S.S. Envelope model of a heavy-ion recirculator 15484
Sharp, W.M. *see* Barnard, J.J. 31535
Sharp, W.M. *see* Yu, S.S. 15339
Sharpe, R.M. *see* Wilton, D.R. 12710
Sharpe, R.M. *see* Zacharias, R.A. 39293
Sharrock, P. *see* Sangali, W. 18860
Sharsher, H.A., Zainud-Deen, S.H., Awadalla, K.H. Radiation and scattering of two coupled normal mode helixes 12727
Sharvarko, V.G. Scattering by a three-dimensional surface 4070
Shashidhar, R. *see* Ruth, J. 3211
Shashkin, A.A., Kravchenko, G.V., Dolgopolov, V.T. Floating up of the extended states of Landau levels in a two-dimensional electron gas in silicon MOSFET's 11196
Shashkin, V. *see* Parfenov, V. 3536
Shastin, V.N. *see* Muravev, A.V. 43767
Shastry, M.C.R. *see* Campet, G. 27489
Shastry, N. Tutorial on design for testability 18654
Shatalin, S.V. *see* Juskaitis, R. 31259
Shatalin, S.V. *see* Mamedov, A.M. 15039
Shatalin, S.V. *see* Mamedov, A.M. 31254
Shatalin, S.V. *see* Potapov, V.T. 23658
Shatalov, A.A., Yastrebkov, A.B. Digital signal filtering algorithms operating over long time intervals 36686
Shatalov, V.Ye. *see* Savina, T.V. 9368
Shatilov, A.V. *see* Petrovskii, G.T. 20238
Shatkin, A.N. Determining the selectivity of a continuous insulation resistance monitor for 6-10 kV networks 8016
Shatkovski, E. *see* Kramer, M. 35992
Shatkovskii, E.V., Verlinskii, Ya.S. Photomagnetoelectric effect in epitaxial gallium arsenide films accompanied by electron heating by intense laser light 42418
Shatkus, A.D. *see* Golub, Yu.Ya. 43967
Shatrov, A.D. *see* Korshunova, Ye.N. 4289
Shattuck, P.L., Lowrie, J.W. Flight telerobotic servicer legacy 47155
Shau-Ming Lun, Tetiana Lo, Felix Wu, Murphy, L., Amitava Sen LANSIM and its applications to distributed EMS 47422
Shaug, J.C. *see* Takeuchi, Y. 32590
Shaukatullah, H., Gaynes, M.A. Experimental determination of the effect of printed circuit card conductivity on the thermal performance of surface mount electronic packages 40967
Shaunin, O.P. *see* Maslov, V.A. 12340
Shave, M.J.R. *see* Coenen, F.P. 14250
Shaviv Ed *see* Ed Shaviv
Shavrin, P.A. Nonlinear torque control of induction motor 16840
Shaw, A. *see* Stuart, R.A. 43702
Shaw, A.K. Optimal estimation of the parameters of all-pole transfer functions 44947
Shaw, A.K., Wei Xia Minimum-norm method without eigendecomposition 36720
Shaw, C.-M. *see* Tsai, M.-L. 7421
Shaw, C.-M. *see* Tsai, M.-L. 7422
Shaw, G.J., Walters, R.J., Messenger, S.R., Summers, G.P. Time dependence of radiation-induced generation currents in irradiated InGaAs photodiodes 3330
Shaw, G.J., Xapsos, M.A., Weaver, B.D., Summers, G.P. Low temperature proton irradiation of GaAs MESFETs 35029
Shaw, G.R. *see* Soong, A.C.K. 31913
Shaw, H. *see* Abe, K. 15619
Shaw, H.J. *see* Nicati, P.-A. 20752
Shaw, H.J. *see* Pantell, R.H. 21007
Shaw, H.J. *see* Sadowski, R.W. 3785
Shaw, H.J. *see* Wagener, J.L. 3503
Shaw, H.J. *see* Wagener, J.L. 12082
Shaw, H.J. *see* Wagener, J.L. 35762
Shaw, I. *see* Blajszczak, G. 16245
Shaw, J. Bilayer membrane for ISFETs to eliminate CO_2 mediated pH sensitivity 6440
Shaw, J. Digital probe [position measurement] 6446
Shaw, J. *see* Bernacki, S. 35199
Shaw, J.C. *see* Sturtevant, J.L. 2292
Shaw, J.E.A. Capillary fill encapsulation of ISFETs 6392
Shaw, J.J. *see* Jiang, C. 33932
Shaw, J.K. *see* Baronavski, A.P. 44057
Shaw, J.M. *see* Angelopoulos, M. 27959
Shaw, J.M. *see* Callegari, A. 27942
Shaw, K.A., Zhang, Z.L., MacDonald, N.C. SCREAM I: a single mask, single-crystal silicon, reactive ion etching process for microelectromechanical structures 27620
Shaw, K.E. *see* Perchard, J.M. 19679
Shaw, L. *see* Chan, J.-K. 40882
Shaw, L. *see* Huei Wang 34274
Shaw, L. *see* Min Gi Kim 29883
Shaw, L. *see* Wang, Y. 22030
Shaw, L. *see* Zhu, Q.-F. 4816
Shaw, M.D. *see* Chun Loo 5844
Shaw, M.J., Bailly-Salins, R., Edwards, B., Harvey, E.C., Hirst, G.J., Hooker, C.J., Key, M.H., Kidd, A.K., Lister, J.M.D., Ross, I.N. Development of high-performance KrF and Raman laser facilities for inertial confinement fusion and other applications 3423
Shaw, M.J., Wong, K.B., Corbin, E., Jaros, M. GaAs-AlAs and Si-SiGe quantum well structures for applications in nonlinear optics 44118
Shaw, M.J. *see* Wong, K.B. 12374
Shaw, M.J. *see* Wong, K.B. 36008
Shaw, M.T. *see* Gordon, G.V. 47642
Shaw, N., Carter, A. Optoelectronic integrated circuits for microwave optical systems 3379
Shaw, N.M. *see* Amidei, D. 46890
Shaw, N.M. *see* Tkaczyk, S. 46989
Shaw, R.P. The sum of H_{ik} in BEM 26380
Shaw, S. *see* Bonicelli, T. 8580
Shaw, S. *see* Huang, S.L. 5378
Shaw, S. *see* Paul, J.G. 44842
Shaw, S. *see* Stach, J. 13328
Shaw, T. *see* Amidei, D. 46890
Shaw, T. *see* Fang, W.-C. 23723
Shaw, T. *see* Langenbacher, H. 38431
Shaw, T. *see* Tkaczyk, S. 46989
Shaw, T.B. *see* Foster, B. 31714
Shaw, T.L. Present status and prospects for hydro-power generation in England and Wales 25254
Shaw Geeng-Tyng *see* Geeng-Tyng Shaw
Shaw Qiang-hui, Zhan Qiong-hua Nonlinear analysis of torque of SR motors 40571
Shaw Sen-Yen *see* Sen-Yen Shaw
Shaw-Hwa Kiang *see* Cheng-Shang Chang 33469
Shaw-Min Lei New multi-alphabet multiplication-free arithmetic codes 36496
Shaw-Min Lei *see* Ting-Chung Chen 30547
Shaw-Tzeng Hsia *see* Lai-Juh Chen 26492
Shawe-Taylor, J. *see* van Daalen, M. 33967
Shawe-Taylor, J. *see* van Daalen, M. 34203
Shawver, D.W. *see* Eisenmann, N.R. 39759
Shay, H.D. *see* Barnard, J.J. 31535
Shay, H.D. *see* Newton, M.A. 6930
Shay, T. *see* Matthews, L. 6320
Shayegan, M. *see* Kurdak, C. 28198
Shchanin, P.M. *see* Abdullin, E.N. 3429
Shchavelev, O.S. *see* Nikonorov, N.V. 20349
Shchebunjaev, A.G. *see* Abramov, A.A. 11609
Shchedrin, I.S. Reference data on disc loaded guide space harmonics 15440
Shcheglov, V.I. *see* Vashkovskiy, A.V. 44231
Shchemelinin, S., Heber, O., Zajfman, D., Vager, Z. A large collecting angle high resolution electron spectrometer for simultaneous energy and angle measurement 47016
Shchepak, A.W. *see* Gal'chenko, S.A. 27172
Shchepakin, M.B. Finding the common point of a system of convex sets and solving mathematical-programming optimization problems by the orthogonal descent method 571
Shchepakin, M.B. Orthogonal descent to a convex set in a linear manifold 9432
Shchepetkin, Y.A. *see* Shteinberg, I.S. 28435
Shcherba, A.A., Podol'tsev, A.D., Kucheryavaya, I.N. Mathematical modelling of electrothermal processes in current-conducting granules during their treatment by spark discharges 33164
Shcherbak, L.N. *see* Marchenko, B.G. 45022
Shcherbak, V.I., Parshutkin, A.V. Statistical synthesis of optimum frequency meters employing an acousto-optic modulator 6675
Shcherbak, V.I., Parshutkin, A.V. Potential accuracy characteristics of the radio signal frequency evaluation in an optimal acoustooptic measurer 13229
Shcherbak, V.I. *see* Kravchenko, V.F. 15162
Shcherbakov, A. *see* Bulyak, E. 7056
Shcherbakov, A. *see* Efimov, S. 15384
Shcherbakov, A. *see* Gladkikh, P. 15400
Shcherbakov, A. *see* Gladkikh, P. 15562
Shcherbakov, A. *see* Gorelov, A. 35523
Shcherbakov, A. *see* Zelinsky, A. 7036
Shcherbakov, A.A. *see* Ermolov, I.N. 18385
Shcherbakov, A.S. Synchronization of a radio interferometer by high-repetition-rate picosecond solitons 45166
Shcherbakov, A.S., Belokurova, O.I. Fast modulator of the light based on acousto-optical coupled states 3244
Shcherbakov, A.S., Ivanov, O.G., Andreeva, E.I. All-optical recovery of informative pulses in soliton fiber-loop memory by semiconductor structures 11566
Shcherbakov, A.S. *see* Andreeva, E.I. 35802
Shcherbakov, A.S. *see* Ivanov, O.G. 3262
Shcherbakov, E.A. *see* Buritskii, K.S. 3132
Shcherbakov, G.I. *see* Alfyorov, V.I. 24449
Shcherbakov, G.I. *see* Labazkin, A.P. 25732
Shcherbakov, I.A. *see* Alpat'ev, A.N. 28787

Shcherbakov, I.A. *see* Antipenko, B.M. 35747
Shcherbakov, I.A. *see* Maslov, V.A. 12340
Shcherbakov, I.A. *see* Zagumennyi, A.I. 35748
Shcherbakov, I.Y. *see* Kondrashikhin, A.B. 31392
Shcherbakov, I.Yu. *see* Kondrashikhin, A.B. 27197
Shcherbatenko, I.V. Thermodynamic optimisation of the parameters of a combined-cycle plant for the compressor stations on main gas pipelines 17645
Shcherbatko, I.V. *see* Sukhoivanov, I.A. 28448
Shcherbatko, I.V. *see* Sukhoivanov, I.A. 30831
Shcherbina, A.A. *see* Luchaninov, A.I. 29356
Shcherbinin, O.N. *see* Irzak, M.A. 36355
Shcherbinin, V.E. *see* Mikhailov, S.P. 41507
Shcherbinin, V.E. *see* Pashagin, A.I. 41529
Shcherbinin, V.E. *see* Popov, A. 18356
Shcherbinin, V.E. *see* Vaulin, S.L. 41510
Shcherbinskii, V.G. A new method for evaluating the surface roughness of components and for adjusting ultrasonic sensitivity during nondestructive testing 9857
Shcheslov, A.S., Proselkov, V.N., Bibilashvili, Yu.K., Malanchenko, L.L., Onufriev, V.D., Yamnikov, V.S., Smirnov, V.P., Smirnov, A.V. Thermophysical characteristics of a VVER-1000 fuel element in the fifth power unit of the Novo Voronezh nuclear power plant 32593
Shchetnikova, S.T. *see* Permyakov, L.N. 47693
Shchigel', S.S. *see* Zalkind, V.I. 48145
Shchuchinskii, S.Kh., Lobov, B.N., Nikitenko, A.G. An optimum design of pot-type AC electromagnets 4015
Shchukin, A.V. *see* Koshelets, V.P. 10492
Shchukin, A.V. *see* Kotov, I.V. 7212
Shchukin, V.A. *see* Malyshkin, V.G. 41268
Shchupak, Yu.A. *see* Nemolochnov, O.F. 41741
Shchurenkova, T.D. *see* Amelin, A.I. 7287
Shcurko, A.P. *see* Chaly, V.P. 43877
She, J. *see* Klein, R.L. 24802
She, Q., Yu, R. Telecommunications services in China 5266
She, T.C., Shu, C. High speed GaAs optoelectronic exclusive-OR gate 26782
She Jinzhao *see* Feng Zhenghe 6749
She Shou Xian *see* Shou Xian She
She Yue-E, Jiang Bai-Yu, Liu Jian-Zhong Si-Mg-Al-O system ceramic-film humidity sensor 46352
Shea, J.W. *see* Chandan, H.C. 5914
Shea, J.W. *see* Kathiresan, K. 14589
Shea, T.J. *see* Ryan, W.A. 15422
Sheahan, B. SPICE: a tool for investigating reality 42084
Shealy, D.L. *see* Wang, C. 3732
Shealy, J.B., Hashemi, M.M., Kiziloglu, K., DenBaars, S.P., Mishra, U.K., Liu, T.K., Brown, J.J., Lui, M. High-breakdown-voltage AlInAs/GaInAs junction-modulated HEMT's (JHEMT's) with regrown ohmic contacts by MOCVD 43012
Shealy, J.B., Hashemi, M.M., Kiziloglu, K., DenBaars, S.P., Misra, U.K., Liu, T.K., Brown, J.J., Liu, M.M. High frequency, high breakdown AlInAs/GaInAs junction modulated HEMT's (JHEMT's) with regrown ohmic contacts by MOCVD 28191
Shealy, J.B. *see* Hashemi, M.M. 19891
Shealy, J.B. *see* Hashemi, M.M. 43003
Sheard, F.W. *see* Barmby, P.W. 42837
Sheard, R.R. The future of gas fired power generation in Europe 40015
Shearin, C.M. *see* Younan, N.H. 23123
Shearon, C.E., Jr. *see* Emmerichs, U. 21015
Sheat, D.E. *see* McCartney, D.J. 23352
Sheau-shi Pan *see* Mio, N. 11934
Sheau-Shong Bor *see* Ji-Chyun Liu 34260
Sheau-Shong Bor *see* Ji-Chyun Liu 36146
Sheble, G.B. *see* Walters, D.C. 24724
Shedd, G.M., Schmid, H., Unger, P., Fink, H.-W., Dubner, A.D. Combinations of point source electron beams and simple electrostatic lenses: initial demonstrations of micron-scale lenses 1819
Shedletsky, J.J., Rofrano, J.J. Application reference designs for distributed systems 30399
Sheehan, J.H. *see* Hinich, M.J. 6154
Sheehan, M.J. *see* Brigandi, A.J. 45476
Sheehan, M.T. *see* Miller, N.W. 24711
Sheehan, R. *see* Decker, D.T. 47253
Sheehy, E.J. *see* Davey, E.C. 32554
Sheehy, R. *see* Heydon, R.G. 43189
Sheen, C.W. *see* Lercel, M.J. 27964
Sheen, J., Bhalla, A.S., Cross, L.E. A modification to a simple field model of the $TE_{01\delta}$ mode of the parallel-plate open dielectric resonator 43241
Sheen, J., Guo, R., Bhalla, A.S., Cross, L.E. Measurements of dielectric constant and quality factor of $Ba(Mg_{1/3}Ta_{2/3})O_3$ at X band frequencies 2690
Sheen, J.N. *see* Chen, C.S. 33153
Sheen, S.R. *see* Kao, C.H. 878
Sheen, W.-H., Stuber, G.L. Error probability of reduced-state sequence estimation for trellis-coded modulation on intersymbol interference channels 12912
Sheen Jyh *see* Jyh Sheen
Sheetz, J. *see* Alfonso, A. 32651
Shefel, G.S. *see* Rabinovich, E.V. 9451
Shefel, G.S. *see* Rabinovich, E.V. 9452
Sheffels, M.L. A fault-tolerant air data/inertial reference unit 39177
Sheffield, R.L., Austin, R.H., Chan, K.C.D., Gierman, S.M., Kinross-Wright, J.M., Kong, S.H., Nguyen, D.C., Russell, S.J., Timmer, C.A. Performance of the high brightness linac for the advanced free-electron laser initiative at Los Alamos 44008
Sheffield, R.L. *see* Nguyen, D.C. 43972
Sheffield, R.L. *see* O'Shea, P.G. 12263
Sheffield, R.L. *see* O'Shea, P.G. 43968
Sheffield, V.K. *see* Beauvais, E.C. 5280
Shefova, I.A. *see* Beguchev, V.P. 1778
Shegai, O.A. *see* Zhuravlev, K.S. 33623
Shehad, N.M. *see* Wick, D.T. 24390
Shehata, S.A., Khalil, H.S., El-Bakry, M., Arafa, S. A simple drive circuit for switching GTO in power circuits 33901
Shehata, S.A.M. PSPICE approach to circuit simulation of synchronous machines 40142
Shehata, S.A.M. *see* El-Bakry, M. 40562
Shei, S.C. *see* Juang, Y.Z. 27726
Shei, S.C. *see* Su, Y.K. 10928
Sheik-bahae, M. *see* Van Stryland, E.W. 21066
Sheik-Bahae, M. *see* Xia, T. 36027
Sheikh, A.N.A.El *see* El Sheikh, A.N.A.
Sheikh, A.U.H. *see* Falconer, D.D. 5822
Sheikh, A.U.H. *see* Laurenson, D.I. 5794
Sheikh, A.U.H. *see* Yu-Dong Yao 37843
Sheikh, K.A. *see* Wen, H. 40023
Sheikhzadeh, H., Deng, L. Waveform-based speech recognition using hidden filter models: parameter selection and sensitivity to power normalization 36613
Shein, I. *see* Denisov, S. 31708
Shein, I.V. *see* Gilitskii, Yu.V. 46921
Sheinkman, A.G. *see* Kuzhekov, S.L. 16922
Sheinkop, M.B. *see* Harris, A.I. 7382
Sheinwald, J. MMIC compatible bandpass filter design: a survey of applicable techniques 42219
Shek, E.I. *see* Sobolev, N.A. 2038
Shek, E.I. *see* Sobolev, N.A. 42625
Shek, G.K. *see* Ho, E.T.C. 8081
Shekar, M.S., Baliga, B.J. Modeling the on-state characteristics of the emitter switched thyristor 42903
Shekh, S.A. *see* Vyzulin, S.A. 20139
Shekhtman, L.I. *see* Martinez-Davalos, A. 7342
Shekhtman, L.I. *see* Pestov, Yu.N. 31720
Shekun, Iu.G. *see* Bobrysheva, A.I. 3794
Shelah, S. More on cardinal arithmetic 9412
Shelah, S., Laflamme, C., Hart, B. Models with second order properties. V. A general principle 526
Shelby, R.M. *see* Drummond, P.D. 2953
Sheldon, C. Graphical tools for the support of HDL design 41772
Sheldrake, R. *see* Judd, D.A. 7284
Shelepenko, Yu.V. *see* Trifonov, I.I. 42078
Sheletina, V.A. *see* Gvozdev, V.I. 10390
Shelke, P.N. *see* Radhakrishnan, S. 34551
Shelkov, E.M. *see* Kirillov, V.G. 25763
Shelkov, E.M. *see* Kirillov, V.G. 25771
Shelkovnikov, D.N. *see* Le Tuan 2015
Shelkovnikov, V.V. *see* Dossadin, V.I. 12424
Shelkovnikov, V.V. *see* Gerasimova, T.N. 29063
Shelkovnikov, V.V. *see* Konstantinova, A.V. 29064
Shelley, M. *see* Britten, P. 22929
Shelley, S. Trigger modes in modern DSOs 38609
Shelomov, Ye.A. On the correlation functions and spectra of random signals in Vilenkin-Krestenson basis functions 44804
Shelton, D.J. *see* Pierce, B.L. 34329
Shelton, I. *see* Garrison, R.F. 23922
Shelton, P., Larsen, P. AMR/load management initiatives in a newly deregulated market 7776
Shelton, R.N. *see* Weir, S.T. 28395
Shelukhin, N.N. *see* Maslennikov, V.A. 47390
Shelukhin, O.I., Artyushenko, V.M. Characteristics of the overshoots of non-Gaussian random processes 13230
Shelukhina, T.I. *see* Beim, R.S. 24644
Shelyakin, A.A. *see* Luyten, W. 33632
Shelyakin, A.A. *see* Volkov, V.V. 11134
Shelykh, A.I., Kudinov, E.K. Diode effect in a high-temperature superconducting ring 11546
Shemesh, Y., Breitbard, A. RF front end for portable satellite terminal 5835
Shemyakin, A.V. *see* Sharapa, A.N. 7006
Shemyakin, I.A. *see* Kozyrev, A.V. 10601
Shen, A., Ghosh, A., Devadas, S., Keutzer, K. On average power dissipation and random pattern testability of CMOS combinational logic networks 26874
Shen, B., Williams, J.G., Sanders, W.H. Performability of signal validation systems using stochastic activity networks 32556
Shen, B.G. *see* Gu, B.X. 11463
Shen, C. *see* Gordon, G.V. 47642
Shen, C. *see* Li, H. 25878
Shen, C.Y., White, S.R. On the boundary value problem of electromagnetic scattering by an infinite resistive strip 4094
Shen, D. *see* Fang, Y. 23576
Shen, D. *see* Halpert, G. 32998
Shen, D.H., Subbarao, S., Huang, C.-K., Narayanan, S.R., Halpert, G. Analysis of cycled 1 Ah Li-TiS_2 cells 17247
Shen, D.H., Surampudi, S., Halpert, G. Evaluation of bipolar design for rechargeable lithium battery 17209
Shen, F., Xiao, X., Wu, X. LAN-DNC structured bottom up for CIMS 14218
Shen, G. *see* Folkard, M.A. 9563
Shen, H. *see* Gerrardi, G.J. 10884
Shen, H. *see* Lu, Y. 27529
Shen, H. *see* Pamulapati, J. 20402
Shen, H. *see* Pollak, F.H. 1821
Shen, H. *see* Yang, L.W. 11167
Shen, H.C., Bie, C.Y.C., Chiu, D.K.Y. A texture-based distance measure for classification 4832
Shen, H.C. *see* Basir, O.A. 21846
Shen, H.C. *see* Scharcanski, J. 29977
Shen, H.Y., Lin, W.X., Zeng, R.R., Zhou, Y.P., Yu, G.F., Huang, C.H., Zeng, Z.D., Zhang, W.J., Wu, R.F., Ye, Q.J. 1079.5- and 1341.4-nm: larger energy from a dual-wavelength Nd:$YAlO_3$ pulsed laser 12055
Shen, J. *see* Boardman, A.D. 43263
Shen, J. *see* Na, H.R. 36203
Shen, J. *see* Taufiq, J.A. 8930
Shen, J.P. *see* Breternitz, M., Jr. 18778
Shen, L. *see* Lin, M.-R. 42694
Shen, P.-H. *see* Fullett, K.D. 7520
Shen, P.-H. *see* Fullett, K.D. 7535
Shen, P.K., Tseung, A.C.C., Kuo, C. Development of an aluminium/sea water battery for sub-sea applications 25630
Shen, P.K., Tseung, A.C.C., Kuo, C. Design of a dome-shaped aluminium water battery 32989
Shen, Q.F. *see* Fu, X. 8798
Shen, S. *see* Loe, R.S. 13376
Shen, S.C. *see* Lu, W. 46496
Shen, T.-C. *see* Lyding, J.W. 42730
Shen, W.-Z., Hwang, G.-H., Hsu, W.-J., Jan, Y.-J. Design of pseudoexhaustive testable PLA with low overhead 18586
Shen, W.P. *see* Zheng, J.P. 11854
Shen, X., Tawfik, A.N. Dynamic behaviour of radio channels due to trans-horizon propagation mechanisms 4095
Shen, X.A., Kachru, R. Time-domain optical memory for image storage and high-speed image processing 2936
Shen, X.A., Kachru, R. Coherent saturation removal in time-domain optical memory by storage of frequency-chirped data pulses 20239
Shen, Y., Nickerson, K., Litva, J. Frequency-dependent FDTD modeling of optically controlled dielectric resonators 18973
Shen, Y. *see* Pehlivanov, A.I. 9483
Shen, Y.-N. *see* Buonanno, G. 1209
Shen, Y.R. *see* Zhang, J.Y. 3855
Shen, Z.-Y., Wilker, C., Pang, P.S.W., Carter, C.F., III, Nguygen, V.X., Laubacher, D.B. High-temperature superconductor/III-V hybrid microwave circuits 1576
Shen, Z.-Y. *see* Holstein, W.L. 11513
Shen Aidong *see* Aidong Shen
Shen Baifei, Xu Zhizhan, Teng Huaguo, Zhang Wenqi, Li Yaolin Theoretical calculation of soft X-ray laser gains for Li-like Ca ions 20608
Shen Bao-Gen *see* Bao-Gen Shen
Shen Bingfu *see* Xu Xuewu 18117
Shen Bingfu *see* Xu Xuewu 18133
Shen Dezhong *see* Huo Yujing 20668
Shen Dezhong *see* Huo Yujing 20672
Shen Dezhong *see* Huo Yujing 20740
Shen Dezhong *see* Wang Weili 20972
Shen Dezhong *see* Zhang Zhiguo 12372
Shen Gong *see* Gu Hui-Ping 38447
Shen Guirong, He Dijie The heating cathode N_2 laser 28724
Shen Guorong, Sui Fenghai, Chen Tao, Ye Feng EHV line fast protection relay LFP-901 47570
Shen Hao-Ming *see* Hao-Ming Shen
Shen Hong *see* Zheng Jie 29000
Shen Hongwei *see* Cheng Ruihua 20690
Shen Hsin-Hung *see* Hsin-Hung Shen
Shen Jiacong *see* Ma Yuguang 28480
Shen Jifeng *see* Wang Huitian 35422
Shen Jinhui *see* He Huijuan 21031
Shen Jinhui *see* Xiao Gangyao 12031
Shen Jinxing *see* Jinxing Shen
Shen Jun *see* Jun Shen
Shen Kang-Long *see* Kang-Long Shen
Shen Keqiang, Yu Meifang, Tong Qinyi Progress of the silicon microelectromechanism 10643
Shen Li, Ji Jiaqin Analysis and calculation of operating condition of HVDCCB and MRTB in Gezhouba-Shanghai 500 kV HVDC transmission line 24902
Shen Li, Ji Jiaqing, Zhang Jierong Calculation and analysis of operating conditions of MRTB in Gezhouba-Shanghai 500 kV HVDC system 17122
Shen Li *see* He Jinliang 10519
Shen Li *see* Li Shen
Shen Li-Ren *see* Liu Qi-Yuan 47224
Shen Lin, Kuh, E.S. Circuit simulation for large interconnected IC networks 33833
Shen Lin *see* Lin Shen
Shen Ni-Tsu *see* Ni-Tsu Shen
Shen Ping *see* Chen Yanping 5036
Shen Qimin *see* Ren Hong 28701
Shen Qing *see* Dai Kui 5024
Shen Qun *see* Qun Shen
Shen Rong *see* Yang Zhihong 15015

Shen Sheng Mei *see* Chong Siew Tan 14787
Shen Shumin *see* Shumin Shen
Shen Song, Cao Xiangqun, Chen Jiwu Auto-detection of radial gratings with digital receiving mode 29874
Shen Tao, Gan Junren, Yao Linsheng Via minimization method based on artificial neural network 18436
Shen Wei-Guo *see* Pi Jia-Jing 31460
Shen Xia De *see* De Shen Xia
Shen Xiaofan *see* Liu Jun 32304
Shen Xiaohua, Zhou Fuzhen, Ma Jianwei, Xue Qiang, Lin Zunqi, Xiao Jianwei, Xu Junying, Zhang Jingming, Xu Zuntu Quantum-well laser diode pumped monolithic Nd:YLF laser 20669
Shen Xiaoyun *see* Xiaoyun Shen
Shen Xu-Qiang *see* Xu-Qiang Shen
Shen Xubang, Jiang Anping Three schemes of implementation for a barrel shifter 10095
Shen Xuechu *see* Huang Xingliang 46459
Shen Xuechu *see* Jiang Ruolian 34560
Shen Xueqin *see* Gu Junhua 44193
Shen Yafang *see* Xu Jun 18125
Shen Yafang *see* Xu Jun 20722
Shen Ye *see* Bandler, J.W. 41597
Shen Yixiong *see* Gong Linghua 15336
Shen Yuhua *see* Yuhua Shen
Shen Yuquan *see* Wang Huitian 35422
Shen Yusheng *see* Chen Chunhua 15107
Shen Yusheng *see* Liu Xingqin 15106
Shen Zhekang *see* Liu Bo 29843
Shen Zhen-Kang *see* Zhen-Kang Shen
Shen Zhenkang *see* Song Liuping 47316
Shen Zhongxiang Propagation characteristics of a circular waveguide eccentrically loaded with chiral media 4187
Shen-li Fu, Huang, W.T., Cheng, L.S., Houng, M.P., Chang, Y.H. Sintering of aluminium nitride-glass compacts 18307
Shen-Qian Liu *see* Liu Shen-Qian
Shen-sheng Han *see* Zhi-zhang Xu 3453
Shenasa, M. *see* Moinpour, M. 853
Shenderov, P. *see* Daghighian, F. 15734
Shenderov, P. *see* Daghighian, F. 39000
Shenfeld, O. *see* Eyal, O. 46660
Shenfel'd, V.S. *see* Statnikov, R.B. 218
Sheng, H., Chua, S.-J. Modelling of a resonant tunnelling hot electron transistor 2395
Sheng, H., Soo-Jin Chua Investigation of quantum transmission effect on property of planar-doped barrier diode 2414
Sheng, H.-D., Li, S.-Q. Second order effect of binary sources on characteristics of queue and loss rate 5198
Sheng, H.Y., Chua, S.-J. Theoretical investigations of delta-doped interband resonant tunneling diode 19756
Sheng, M., Grantham, C. Synthetic loading of three-phase induction motors by magnetic field magnitude modulation 40190
Sheng, M. *see* Grantham, C. 40191
Sheng, N.H. *see* Pedrotti, K.D. 43673
Sheng, P. *see* Zhang, Z.-Q. 29269
Sheng, S. *see* Brodersen, R.W. 38201
Sheng, T. *see* Tsai, W. 2151
Sheng, T.T., Lu, C.Y., Chang, R.D., Chiang, S.T. From "white ribbon" to "black belt": a direct observation of the Kooi masking film by transmission electron microscopy 2158
Sheng, W.Q. *see* Aoki, T. 41415
Sheng, Y., Paul-Hus, G. Optical on-axis imperfect phase-only correlator using liquid-crystal television 4783
Sheng, Y. *see* Arsenault, H.H. 13511
Sheng, Y. *see* Lejeune, C. 22019
Sheng, Y. *see* Paul-Hus, G. 11698
Sheng Chao Tien *see* Tien Sheng Chao
Sheng Chi *see* Gong Dawei 23629
Sheng Chi *see* Chi Sheng
Sheng Hanyu *see* Hanyu Sheng
Sheng Hongyu *see* Huang Liwen 40213
Sheng Hongyuan *see* Wu Ruifen 12317
Sheng Lin *see* Lin Sheng
Sheng Lin Chen *see* Chen Sheng Lin
Sheng Luo Xie, Wilkins, E., Atanasov, P. Towards an implantable and refillable glucose sensor based on oxygen electrode principles 23739
Sheng Mei Shen *see* Shen Sheng Mei
Sheng Weidong *see* Ning Jiping 20705
Sheng Wu Biing *see* Biing Sheng Wu
Sheng Yin *see* Yin Sheng
Sheng Zhang *see* Zhang Sheng
Sheng-Gang Liu *see* Chang-Jian Tang 10615
Sheng-Gang Liu *see* Liu Sheng-Gang
Sheng-Hua Ye *see* Ye Sheng-Hua
Sheng-Hua Zhang *see* Zhang Sheng-Hua
Sheng-Hui Yang, Thedrez, B.J., Saddow, S.E., Wood, C., Wilson, R., Lee, C.H. Cross-correlation measurement of the turn-on delay and pulsewidth of a Q-switched two-section semiconductor laser 43916
Sheng-Jebn Yang *see* Biing-Der Liu 28160
Sheng-Jenn Yang *see* Chung-Yu Wu 31216
Sheng-Jun Du *see* Du Sheng-Jun
Sheng-Jyh Wu *see* Tahui Wang 26808
Sheng-Li Lai *see* Ya-Fei Huang 36327
Sheng-Liang Huang *see* Fann-Mei Yang 2235
Sheng-Lih Peng *see* Cherng, J.G. 46694
Sheng-Lyang Jang Analytical study of collector-base capacitance and cutoff frequency of n^+-p-n-n^+ bipolar junction transistors 28101
Sheng-Lyang Jang, Ping-Chen Chang Degradation of npn bipolar junction transistors under dynamic high current stress 28099
Sheng-Lyang Jang *see* Ping-Chen Chang 28100
Sheng-Qing Pang *see* Pang Sheng-Qing
Sheng-Qun Zhang *see* Zhang Sheng-Qun
Sheng-Rong Gong *see* Gong Sheng-Rong
Sheng-Tsaing Tseng, Chi-Hua Chyan A classification rule arising from accelerated life test 33322
Sheng-Uei Guan *see* Cheng, D.F. 30350
Sheng-Uei Guan *see* Yuh-Ming Huang 37341
Sheng-Wen Shih, Jia-Sheng Jin, Kuo-Hua Wei, Yi-Ping Hung Kinematic calibration of a binocular head using stereo vision with the complete and parametrically continuous model 30038
Sheng-Xiang Yang *see* Yang Sheng-Xiang
Sheng-Yi Li *see* Li Sheng-Yi
Shengbo Wang *see* Wang Shengbo
Shenggang Liu *see* Hongfu Li 27425
Shenggang Liu *see* Lin Meng 43994
Shenggang Liu *see* Liu Shenggang
Shenghui Yan *see* Yinchun Hou 18128
Shenglian Zhang *see* Zhang Shenglian
Shengtao Li *see* Li Shengtao
Shengyao Ding *see* Ding Shengyao
Shengzhong Zhang *see* Yi Luo 35885
Shenhar, A. Systems engineering management: a framework for the development of a multidisciplinary discipline 40894
Shenhar, A.J. The PROMIS project: industry and university learning together 186
Shenjun Yu *see* Jifan Hu 35223
Shenker, S. *see* Cocchi, R. 45535
Shenker, S. *see* Jamin, S. 5335
Shenker, S. *see* Zhang, L. 5232
Shenkman, A. *see* Zarudi, M. 18474
Shenouda, A.Y. *see* Afifi, S.E. 17222
Shenoy, K.V., Fonstad, C.G., Jr., Grot, A.C., Psaltis, D. MBE regrowth of LEDs on VLSI GaAS MESFETs 20580
Shenoy, K.V., Fonstad, C.G., Jr., Mikkelson, J.M. High-temperature stability of refractory-metal VLSI GaAs MESFETs 43132
Shenoy, M.A., Biyani, C.V. Epoxy wire enamels 10543
Shenoy, M.R. *see* Baldi, P. 20385
Shenoy, M.R. *see* Thyagarajan, K. 21077
Shenoy, N., Brayton, R.K., Sangiovanni-Vincentelli, A.L. Graph algorithms for clock schedule optimization 27031
Shenoy, N. *see* Lavagno, L. 41604
Shenoy, N. *see* Szymanski, T.G. 27030
Shenoy, R.G., Parks, T.W. The Weyl correspondence and time-frequency analysis 44991
Shenyan Sun *see* Sun Shenyan
Shepard, A. *see* Baumann, J. 20839
Shepard, A. *see* Baumann, J.A. 41303
Shepard, A.H. *see* Yellen, S.L. 12199
Shepard, C.L., Lanford, W.A., Pant, A.K., Murarka, S.P. Stability of silicide films under post-annealing: a dopant effect 34843
Shepard, K.W. *see* Meier, J. 24027
Shepard, M. *see* Hagopian, V. 24019
Shepard, R.K. *see* Wickline, S.A. 7404
Shepard, W.S. *see* Cook, R.L. 25805
Shepela, A. *see* Atakov, E.M. 34835
Shepelevich, V.V., Egorov, N.N., Mandel, A.E., Shandarov, S.M. Optimization of simultaneous diffraction of two light waves in BSO by means of variation of these waves polarization 3900
Shephard, W. *see* Abbott, B. 7245
Shepherd, D. *see* Lougher, P. 14171
Shepherd, D. *see* Lunn, A. 5595
Shepherd, D.W. *see* Cumbi, M.J.N. 1028
Shepherd, E. Check group delay and amplitude of microwave radios 14394
Shepherd, F. *see* Pakulski, G. 34871
Shepherd, J.A., Sobottka, S.E., Williams, M.B. Performance and fabrication of thin film NaI(Tl) scintillators for use on imaging photomultiplier tubes 7304
Shepherd, J.D. *see* Steyn-Ross, M.L. 24513
Shepherd, L. *see* Chandan, H.C. 5914
Shepherd, N. *see* Denyer, N. 32056
Shepherd, N. *see* Luscombe, A.P. 32073
Shepherd, P. *see* Guonason, E. 16297
Shepherd, P.R. *see* Burchett, M.H. 1384
Shepherd, P.R. *see* Burchett, M.H. 27122
Shepherd, P.R. *see* Burchett, M.H. 44538
Shepherd, P.R. *see* Cryan, M.J. 34244
Shepherd, R. *see* Loftus, P. 7525
Shepherd, S.J. *see* Shahid, M. 21495
Shepherd, T.J., McWhirter, J.G. Modified Givens rotations for inverse updating in QR decomposition 36738
Shepherd, W.T. Human factors challenges in aviation maintenance 7514
Sheppard, G.T., Williams, R.J. PSA experience with fuel cycle plant 25164
Sheppard, J. *see* Haynes, L. 23428
Sheppard, J.W., Simpson, W.R. Fault diagnosis under temporal constraints 23438
Sheppard, J.W. *see* Kirkland, L.V. 23437
Sheppard, J.W. *see* Simpson, W.R. 260
Sheppard, K. Subtitling and ancillary services 38221
Sheppard, S.J., Hines, E.L., Taylor, D., Barham, J. An application of neural networks to diagnosis from single photon emission tomography images of the human brain 31858
Sheppard, S.T., Cooper, J.A., Jr., Melloch, M.R. Nonequilibrium characteristics of the gate-controlled diode in 6H-SiC 42843
Sheppard, S.T. *see* Sanders, J.W. 19474
Sheppard, T.J. Solid state gas metering-the future 46686
Shepphard, J. *see* Moore, J.E. 32038
Sher, D. *see* E-Ren Chuang 13639
Sher, D. *see* Milun, D. 36803
Sher, D.B., Cheung, C.Y. Constructing noise-reducing operators from training images 45181
Sher, D.B., Milun, D. Generating edge detectors from a training ensemble 36805
Sher, D.B., Podnos, E.H. Generating object locators from a training ensemble 36804
Sherar, M.D. *see* Mader, D.L. 39114
Sherbak, N.B. *see* Aitov, T.N. 25768
Sherbinin, V.E. *see* Shakshin, N.I. 41509
Sheremetikov, A.S. *see* Anisimov, V.A. 18353
Sherhart, P. *see* Upton, M. 27003
Sherick, J., Labrie, B., Walter, F., Hirschenhofer, J. Magnetohydrodynamic Development Corporation's Corette project 25308
Sheridan, J.A. *see* Li, K.D. 23592
Sheridan, J.T. Generalization of the boundary diffraction method for volume gratings 36059
Sheridan, J.T., Haidner, H., Streibl, N. Increasing the efficiency of MSM detectors using a diffraction grating 23646
Sheridan, J.T. *see* Collischon, M. 12297
Sheridan, J.T. *see* Heissmeier, M. 35460
Sheridan, J.T. *see* Volkel, R. 3374
Sheridan, P. *see* De Loore, B.J.S. 23358
Sheridan, S. *see* Schwider, J. 12457
Sheriff, R.E., Gardiner, J.G. Low earth orbit satellite/terrestrial mobile service compatability 37750
Sheriff, R.E. *see* Jones, S.M.R. 22920
Sherlock, B.G. *see* Monro, D.M. 4841
Sherlock, G., Burton, J.D., Fiddyment, P.J., Sully, P.C., Kelly, A.E., Robertson, M.J. Integrated 2×2 optical switch with gain 28489
Sherlock, G. *see* Patrick, D.M. 38031
Sherlock, G. *see* Tatham, M.C. 6050
Sherlock, G. *see* Tatham, M.C. 35419
Sherlock, G. *see* Tatham, M.C. 44090
Sherlock, G. *see* Williams, D.L. 35918
Sherlock, T. *see* Adkins, W. 32524
Sherman, A.T. *see* Ganesan, R. 12861
Sherman, C.H., Butler, J.L. Perturbation analysis of nonlinear effects in moving coil transducers 16066
Sherman, D.L., Zoltowski, M.D. Decomposing the alpha rhythms: comparative performance evaluation of parametric bispectral algorithms for EEG 7430
Sherman, D.L., Zoltowski, M.D. Matrix-based higher order spectral analysis for three-wave coupling processes 44992
Sherman, J., Pitcher, E., Stevens, R., Allison, P. H^- beam neutralization measurements in a solenoidal beam transport system 46733
Sherman, J.D. *see* Smith, H.V., Jr. 38826
Sherman, P.J. *see* Lyon, D.E. 13433
Sherman, P.J. *see* Lyon, D.E. 21721
Sherman, R., Tirosh, E., Smilansky, Z. An automatic defect classification system for semiconductor wafers 433
Sherman, R. *see* Alumot, D. 17933
Sherman, R.H., Gullicksen, J. Chaotic communications in the presence of noise 37157
Sherman, S.J. *see* Core, T.A. 6419
Shermer, T. On recognizing unions of two convex polygons and related problems 524
Shernyakov, Y.M. *see* Belov, A.V. 38002
Shernyakov, Yu.M. *see* Evstropov, V.V. 10717
Shernyakov, Yu.M. *see* Garbuzov, D.Z. 35827
Shernyakov, Yu.M. *see* Venus, G.B. 20760
Sherony, M.J., Su, L.T., Chung, J.E., Antoniadis, D.A. SOI MOSFET effective channel mobility 42939
Sherratt, E. *see* Loftus, C.W. 37551
Sherratt, E.M. *see* Pierce, R.H. 37231
Sherriff, S.B. *see* Shields, K. 39029
Sherrill, W.M. *see* Black, Q.R. 7620
Sherrod, E.E. *see* Rahman, M.T. 44919
Sherry, L. *see* Tsikalas, G. 39132
Shershakov, Y.P. *see* Nestiorkin, O.P. 3902
Shershnev, Yu.A. *see* Koshcheev, L.A. 47970
Shershukov, V.M. *see* Britvich, G.I. 7165
Sherstnev, V.V. *see* Baranov, A.N. 35803
Sherstnev, V.V. *see* Yakovlev, Yu.P. 20817
Sherstobitov, V.E. Phase conjugation of CO_2 laser radiation 12314
Sherstobitov, V.E., Ageichik, A.A., Bulaev, V.D., Dimakov, S.A., Gerke, M.N., Goryachkin, D.A., Kalinin, V.P., Koval', I., Paryshev, E.N., Rezunkov, Yu.A., Romanov, N.A., Rodionov, A.Yu., Stepanov, V.V., Zemlyanykh, V.V. Phase conjugation in a high-power E-beam-sustained CO_2 laser 21056
Sherstobitov, V.E. *see* Ageichik, A.A. 11956
Sherwani, N. *see* Burman, S. 26855
Sherwani, N. *see* Khan, W. 18558
Sherwani, N. *see* Khan, W. 26770
Sherwani, N.A. *see* Bhingarde, S. 33818

Sherwani, N.A. *see* Bhingarde, S. 43074
Sherwani, N.A. *see* Crenshaw, J.E. 43073
Sherwood, B.A. *see* Nguyen, D.C. 43972
Sherwood, B.W., McCullough, M. In-depth look at CEMs technology (emphasis on system availability) 47727
Sherwood, R.J. *see* Clark, G.A. 22294
Sherwood, T. *see* Amendola, G. 15300
Sheshaprasad, B.J. *see* Khaparde, S.A. 32205
Sheslow, S.J. Making the transition to digital filtering techniques 10290
Shestakov, A.V. *see* Chen, W. 20949
Shestakov, A.V. *see* Okhrimchuk, A.G. 43760
Shestermanov, K. *see* Denisov, S. 31708
Shestermanov, K.E. *see* Gilitskii, Yu.V. 46921
Shestopalov, V.P., Kurin, V.G., Skrynnik, B.K. Experimental study of wave modes coupling in open resonator excited by electron flow 10395
Shestopalov, V.P., Skrynnik, B.K., Revin, I.D., Kurin, V.G., Yermak, G.P. Diffraction radiation generators in MM range 14374
Shestopalov, V.P. *see* Poyedinchuk, A.Ye. 4052
Shestopalov, Y.K. The statistical treatment of passive microwave data 32063
Sheth, A.C., Crawford, L.W., Holt, J.K. MHD can clean up the environment 32818
Shetty, D. Improving the quality of fiber optic based surface roughness sensing instrument using robust design methodology 6524
Shetty, H.V.K. Development of larger rating induction regulator for use in microprocessor based test systems 32852
Shetty, S., Alouani, A.T. Image-sensor-based target maneuver detection 15084
Sheu, B.J. *see* Gowda, S.M. 43040
Sheu, B.J. *see* Joongho Choi 42127
Sheu, B.J. *see* Wai-Chi Fang 41969
Sheu, Y.M. *see* Chang, Y.H. 42502
Sheu Hsin-Teng *see* Hsin-Teng Sheu
Sheu Hun-Chang *see* Hun-Chang Sheu
Sheu Shey-Huei *see* Shey-Huei Sheu
Sheu Shiann-Tsong *see* Shiann-Tsong Sheu
Shevaldin, V. *see* Rylander, L. 39815
Shevchenko, A.A. *see* Solodukha, A.M. 18447
Shevchenko, A.T. *see* Neklepaev, B.N. 25598
Shevchenko, N.V. *see* Vlasenko, N.A. 43621
Shevchenko, V.N. *see* Vereshchagina, L.N. 18297
Shevchenko, V.V. Fundamental modes of two-core fiber lightguides 20296
Shevchenko, V.V. *see* Espinosa-Ortiz, N. 44499
Shevchenko, V.V. *see* Kostin, M.V. 2781
Shevchenko, Yu.A. *see* Statnikov, R.B. 218
Shevchuk, O.D. *see* Dyachenko, P.P. 20660
Shevchuk, V.I. *see* Yagol'nikov, S.V. 21863
Shevde, V.C. *see* Chexal, V.K. 25186
Shevelko, A. *see* Shmaenok, L. 28026
Shevoldin, V.A., Gridin, A.S. Comprehensive physical modeling of the operating conditions of optoelectronic devices 35554
Shevtsov, P.V. *see* Lapitsky, S.N. 7085
Shevtsov, P.V. *see* Lapitsky, S.N. 7086
Shevtsov, V.M. *see* Antonov, V.I. 39666
Shevtsov, V.S. *see* Andrievskii, V.F. 28672
Shevtsova, N.A. *see* Rybak, I.A. 22077
Shevy, Y. *see* Kitching, J. 43841
Shew, P.-W. *see* Chang, L.-D. 18579
Shey-Huei Sheu, Ching-Tien Liou Generalized ordering policies with general random minimal repair costs and random lead times 41016
Shey-Huei Sheu, Chung-Ming Kuo Optimization problems in k-out-of-n systems with minimal repair 41006
Shey-Huei Sheu, Chung-Ming Kuo Optimal age replacement policy of a k-out-of-n system with age-dependent minimal repair 41015
Shi, C. *see* Backus, S. 44099
Shi, C., Li, H., Scott, A. *(editors)* First Pacific Rim International Conference on Advanced Materials and Processing (PRICM-1) 17732
Shi, C.-X., Hotate, K. Polarization-maintaining fiber ring resonator with a photoinduced birefringent grating 20301
Shi, E.C. *see* McBride, R.R. 17891
Shi, H., Naghdy, F., Cook, C.D. Experimental technique for depth maps generation through absorption 22101
Shi, J., Herron, L.H., Kalam, A. Comparison of fuzzy logic based and rule based power system stabilizer 24765
Shi, J., Herron, L.H., Kalam, A. A fuzzy logic controller applied to power system stabilizer for a synchronous machine power system 32258
Shi, J., Ohnuma, S. Perturbation expansion for particle distribution in hadron storage rings 38788
Shi, J. *see* van Zyl, J.J. 32062
Shi, J.Y., Tsui, H.T., Li, J.G. Fejer filtering for multiscale signal decomposition 13668
Shi, K. *see* Jastrzebski, A.K. 27268
Shi, L.P., Holenbar, U., Fabricuse, N., Russ, L., Wang, J.Y. TE polarizers on $KTiOPO_4$ substrates 35471
Shi, M. *see* Li, M. 9659
Shi, P., Amini, A.A., Constable, R.T., Duncan, J.S. Tracking tagged MR images with energy-minimizing deformable grids 31905
Shi, P., Ward, R.K. Automatic recognition of intermodulation beat products in cable television pictures 14811
Shi, T. *see* Gelatos, C.M. 2111
Shi, T. *see* Zheng, L. 6450
Shi, W.J., White, N.M., Brignell, J.E. Adaptive filters in load cell response correction 6399
Shi, X., Allen, P.E. Use of VHDL to model and simulate analog-digital ICs 18892
Shi, Y., Poulsen, O. High-power broadband singlemode Pr^{3+}-doped fibre superfluorescence light source 12064
Shi, Y. *see* Lee, H. 30427
Shi, Y. *see* Rigaud, B. 31961
Shi, Y. *see* Steier, W.H. 43481
Shi, Y. *see* Xu, C. 44070
Shi, Y.J. *see* Ang, S.S. 27593
Shi, Y.J. *see* Ang, S.S. 42587
Shi, Y.Y. *see* Li, H.C. 35261
Shi, Z., Green, M.A. Improved silicon thin film growth on glass substrates by periodic regrowth 789
Shi, Z., Wenham, S.R. Polycrystalline silicon thin-film solar cells: the future for photovoltaics? 48124
Shi, Z., Young, T.L., Zheng, G.F., Green, M.A. Investigation of polycrystalline silicon deposition on glass substrates 790
Shi, Z. *see* Bergmann, R. 18191
Shi, Z. *see* Zheng, G.F. 40494
Shi, Z.Q., Anderson, W.A. Schottky barrier formation and long term stability of metal/n-InP interfaces 19428
Shi, Z.Q., Jia, Q.X., Anderson, W.A. Structural and electrical properties of $BaTiO_3$ thin film capacitors 11404
Shi, Z.Q., Wallace, R.L., Anderson, W.A. Temperature dependent Schottky contacts to InP and GaAs 1936
Shi, Z.Q. *see* Jia, Q.X. 10539
Shi, Z.Q. *see* Jia, Q.X. 35185
Shi Baixuan, Siu Gueigu, Chiu, D.D.S. Monitoring of pollutant components in air of Hong Kong by laser photoacoustic spectroscopy 16019
Shi Baoan *see* Chen Juxin 38501
Shi Changsheng *see* Changsheng Shi
Shi Changxin, Mesquida, A., Kusters, Kohl, A., Muller, R., Heime, K. Investigation on p-InGaAs/n-InGaAs MSM photodetectors 31213
Shi Changxin *see* Wang Qingkang 46423
Shi Chao-Xiang *see* Chao-Xiang Shi
Shi Chaoshu *see* Chaoshu Shi
Shi Chengyu *see* Chengyu Shi
Shi Chuan-Jin *see* Chuan-Jin Shi
Shi Dinghe *see* Chen Rujun 16094
Shi Dongqi *see* Dongqi Shi
Shi Enze, Zeng Yun 4-8 GHz octave bandwidth GaAs FET VCO 1587
Shi Han-Min *see* Chen Ji-Hong 46294
Shi Han-Min *see* Li Shang-Ping 46601
Shi Hongtao, Zheng Youdou, Wang Yongbin, Yuan Renkuan Current-induced light emission from a porous silicon device 11858
Shi Ji Yu *see* Ji Yu Shi
Shi Jianming *see* Shu Zongxun 25352
Shi Jiawei, Jin Enshun, Ma Jing, Dai Yisong, Zhang Xinfa Low-frequency noise spectral density and reliability of semiconductor laser 28844
Shi Jie *see* Jie Shi
Shi Jin-Fa, Liang Xi-Chang, Tang Chao-Wei Laser scanning measurement system of human body's curved surface contour 31310
Shi Jin-Fa, Zhou Shou-Guang, Wang Bing-Le Precision measurement technique of an arbitrary space curved surface 38693
Shi Jun *see* Lin Qun 9482
Shi Junyan *see* Junyan Shi
Shi Kuang *see* Kuang Shi
Shi Liu, Lind, B.K., Brahme, A. Two accurate algorithms for calculating the energy fluence profile in inverse radiation therapy planning 31976
Shi Meijuan *see* Wen Junding 10410
Shi Pengfei *see* Pengfei Shi
Shi Qiaosheng *see* Qiaosheng Shi
Shi Qing, Xu Anshi, Xie Linzhen Experimental study of polarization diversity receiver for coherent optical fiber communication 14577
Shi Qun *see* Qun Shi
Shi Shiping *see* Li Bin 4369
Shi Shiwen *see* Lu Yuping 8268
Shi Shiwen *see* Shiwen Shi
Shi Su *see* Su Shi
shi Toriu, T. *see* Kawamura, M. 22143
Shi Wang-Yuan, Wang Chun-Hai, Cheng Qi-Chang On-line high precision intelligent measurement of straightness based on dense sampling 38687
Shi Wei *see* Wei Shi
Shi Wen-Jiang, Peng Liao-Bo, Li Zhi-Gao, Zou Jian, Huang Shang-Lian Formation mechanism of the birefringent orientation image of the PANDA fiber and its observed condition 28457
Shi Xiangqing *see* Xiangqing Shi
Shi Xianliang *see* Xianliang Shi
Shi Xiaowei *see* Liang Changhong 33805
Shi Yaowu, Dai Yisong Estimation of sinusoidal parameters in measurement noise by cross-spectral method 44818
Shi Ying-guang Singularity and quadrature regularity of (0,1,...,m−2,m)-interpolation on the zeros of Jacobi polynomials 9449
Shi Yixing *see* Lin Haian 2415
Shi Yixing *see* Lin Haian 10762
Shi Yong-Chao Measurement of centring error of serrated-tooth indexing table 31448
Shi Yongquan *see* Zhang Xing 28120
Shi Yul Kim *see* Dong Seop Kim 33043
Shi Zesheng A new method of vector encoding based on the two-orthogonal LAG 45055
Shi Zhen-Liang *see* Zhen-Liang Shi
Shi Zhiwen *see* Zhuang Wanru 28668
Shi Zi-Guang *see* Wu Jin-Lei 10609
Shi Zuoyu, Lin Chenglu, Zhu Wenhua, Hemment, P.L.F., Bussmann, U., Zou Shichang Computer simulation of SIMOX and SIMNI structures formed by ion implantation 42593
Shi Zuoyu *see* Zuoyu Shi
Shi-Chang Zhang, Yong Xu, Qing-Xiang Liu Dynamics of the equilibrium electrons in a helical-wiggler free-electron laser with reversed guide field 20926
Shi-Chang Zou *see* Ping Liu 685
Shi-Fu Wang *see* Zhi-Yong Zhang 6359
Shi-Fu Xue *see* Xue Shi-Fu
Shi-Ho Kim, Kyeong-Sik Min, Kwyro Lee A new experimental method (E-PLOT) to characterize the substrate-current and the saturation-voltage of fresh and hot-electron-damaged nMOSFETs 19847
Shi-Ji Fan *see* Yi-Bin Xu 9502
Shi-Jie Li *see* Moonil Kim 34279
Shi-Jin Fa *see* Tang Chao-Wei 38680
Shi-Jin Pang *see* Pang Shi-Jin
Shi-jing Zhu *see* Zhu Shi-jing
Shi-Kai Wang *see* Wang Shi-Kai
Shi-Lin Chen *see* Sy-Ruen Huang 32350
Shi-lin Yang *see* Mang Wang 11825
Shi-Min Wang *see* Wang Shi-Min
Shi-Ming Qin *see* Qin Shi-Ming
Shi-Peng Huang *see* Shi-Xiang Zhou 8534
Shi-Ping Teng *see* Pin-Chieh Hsu 40900
Shi-Ping Teng *see* Su-Fua Wang 24375
Shi-Wei Gao, Griffiths, J.W.R. Experimental performance of high-resolution array processing algorithms in a towed sonar array environment 44958
Shi-Xiang Zhou, Qiu-Yi Zhang, Shi-Peng Huang Using the function-controlled technique in a small-type UPS 8534
Shi-Zhang Xu *see* Xu Shi-Zhang
Shian, M.D. *see* Wei, P.S. 33348
Shiang-Tang Huang, Tai-Ming Parng, Jyuo-Min Shyu Timed Boolean calculus and its applications in timing analysis 34002
Shiang-Whea Lin, Wen-Thong Chang Multiresolution coding for digital transmission 36843
Shiann-Rong Kuang *see* Jer-Min Jou 18671
Shiann-Tsong Sheu *see* Nen-Fu Huang 5462
Shiann-Tsong Sheu *see* Nen-Fu Huang 30412
Shiao Hung-Pin *see* Hung-Pin Shiao
Shiau, M.-C. *see* Tang, H.-C. 10078
Shiau Gwo-Yuh *see* Gwo-Yuh Shiau
Shiba, A. *see* Miyazaki, T. 38992
Shiba, H. *see* Kajihara, S. 33958
Shiba, K., Kubota, K. A study of block-erasing methods for flash memory 18725
Shiba, K. *see* Kuwabara, T. 6093
Shiba, K. *see* Miyazaki, S. 19570
Shiba, T. *see* Harada, T. 38042
Shiba, T. *see* Sugimoto, H. 19554
Shibaev, I. *see* Oraevsky, V. 21260
Shibagaki, N. *see* Hikita, M. 22865
Shibagaki, S. Phase and microstructure of $MgTiO_3$ ceramics fired in a reducing atmosphere 41495
Shibahara, K. *see* Oyama, J. 8352
Shibahara, K. *see* Sugibayashi, T. 26919
Shibahara, K. *see* Sugibayashi, T. 26954
Shibahara, M. *see* Shibuya, G. 23365
Shibahara, M. *see* Shibuya, G. 28534
Shibai Yang *see* Yang Shibai
Shibaike, K. *see* Kamei, H. 46311
Shibano, E. *see* Takahashi, N.S. 43655
Shibano, T., Fujiwara, N., Hirayama, M., Nagata, H., Demizu, K. Etching yields of SiO_2 by low energy CF_x^+ and F^+ ions 2115
Shibanuma, K. *see* Tsuji, H. 28422
Shibao, K. *see* Tsuji, K. 1353
Shibata, E. *see* Abbott, B. 7245
Shibata, E.I. Results of a beam test using scintillating fibers ad solid state photodetectors 24086
Shibata, E.I. *see* Abbott, B. 31776
Shibata, F., Fukami, T. A brushless three-phase synchronous motor using the armature winding as both load and DC excitation winding 8320
Shibata, F., Naoe, N. Characteristics of a brushless and exciterless three-phase synchronous generator with DC exciting system 8319
Shibata, F. *see* Taka, K. 16828
Shibata, H., Matsuno, T., Hashimoto, K. Via hole-related simultaneous stress-induced extrusion and void formation in Al interconnects 42771
Shibata, H., Murota, M., Hashimoto, K. The effects of Al(111) crystal orientation on electromigration in half-micron layered Al interconnects 10968
Shibata, H., Terakado, R. Current and equipotential lines in rectangular anisotropic compound regions 44194
Shibata, H. *see* Ogata, A. 6952
Shibata, H. *see* Yoshida, Y. 6954

Shibata, K. Error performance of two decision schemes for frequency-detector Gaussian minimum shift keying (GMSK) on a frequency-selective fading channel 5785
Shibata, K., Hirakawa, Y., Takura, A., Ohta, T. Reachability analysis for specified processes in a behavior description 21482
Shibata, K. *see* Carlile, C.J. 47001
Shibata, K. *see* Ezaki, K. 11361
Shibata, K. *see* Noda, S. 3394
Shibata, K. *see* Noda, S. 46428
Shibata, K. *see* Okano, H. 11443
Shibata, K. *see* Okano, H. 18280
Shibata, K. *see* Shinbo, M. 30458
Shibata, K. *see* Takeuchi, K. 46425
Shibata, K. *see* Yatsui, K. 20952
Shibata, K. *see* Yoshinaga, H. 1605
Shibata, K.M. *see* Deguchi, H. 30941
Shibata, M., Maki, N., Saito, T., Kobayashi, T. Levitation coil length optimization of a magnetically levitated train 8904
Shibata, M. *see* Fukushima, T. 12107
Shibata, M. *see* Fukushima, T. 20797
Shibata, M. *see* Fukushima, T. 28860
Shibata, M. *see* Hirayama, K. 32513
Shibata, M. *see* Matsumoto, N. 35898
Shibata, M. *see* Osa, A. 7151
Shibata, M. *see* Watanabe, M. 48104
Shibata, M. *see* Yamaguchi, A. 28284
Shibata, N., Gotoh, Y., Date, S. High-performance memory macrocells with row and column sliceable architecture 18735
Shibata, N. *see* Aoyama, S. 33737
Shibata, N. *see* Ishida, O. 35884
Shibata, N. *see* Saito, C. 33113
Shibata, N. *see* Tada, Y. 6061
Shibata, T., Henry, R.C. Perceptual transparency on colour appearance of distant objects in the natural environment 38945
Shibata, T., Katayama, M., Ogawa, A. Performance of asynchronous band-limited DS/SSMA systems 5183
Shibata, T., Kimura, H. Computer-aided engineering for microwave and millimeter-wave circuits using the FD-TD technique of field simulations 10488
Shibata, T., Kotani, K., Ohmi, T. Real-time reconfigurable logic circuits using neuron MOS transistors 33964
Shibata, T., Saitoh, H., Toyada, J. Decision method of additional meter location for state estimation of power system based on (N−1) observability 39479
Shibata, T. *see* Hashimoto, K. 39857
Shibata, T. *see* Nitta, T. 17413
Shibata, T. *see* Yamashita, T. 34199
Shibata, Y. *see* Azuma, Y. 6005
Shibata, Y. *see* Ikeda, M. 5677
Shibatani, S., Kinoshita, K. Synthesis of testable sequential circuits with reduced checking sequences 10109
Shibatani, T., Nakanishi, H., Hamada, H. Optimization of illumination system for LC projector using newly developed 'reverse ray tracing method' 23831
Shibayama, A. *see* Fukuda, M. 28021
Shibayama, A. *see* Yamasaki, Y. 34040
Shibayama, M. *see* Higasa, H. 25851
Shibuani, M. *see* Yamada, H. 28879
Shibuki, K., Yagi, M., Suzuki, T. Diamond coating on sintered tungsten carbide for cutting tools 41410
Shibuki, K. *see* Suzuki, T. 26404
Shibuki, M., Bando, N., Sakurai, N., Okada, M., Mukai, H. Fiber-optic CCTV system 14819
Shibuta, N. *see* Ueyama, M. 35295
Shibutani, M., Domon, W., Emura, K. Performance improvement in optical fiber feeders for microcellular mobile radio systems 14513
Shibutani, M., Kanai, T., Domom, W., Emura, W., Namiki, J. Optical fiber feeder for microcellular mobile communication systems (H-O15) 5772
Shibutani, M. *see* Domon, W. 23013
Shibutani, M. *see* Domon, W. 30861
Shibutani, M. *see* Namiki, J. 14654
Shibutani, M. *see* Shiozawa, T. 6079
Shibutani, M. *see* Yamada, H. 12139
Shibuya, G., Matsumoto, M., Morisako, A., Shibahara, M. Write power margin for magneto-optical media in magnetic field modulation recording 23365
Shibuya, G., Matsumoto, M., Morisako, A., Shibahara, M. Analysis of recorded mark of magneto-optical media with magnetic field modulation method 28534
Shibuya, M., Inaba, T., Goda, Y. Molten losses on cut end of rod electrodes in AC high current arc discharge 16314
Shibuya, M. *see* Ooki, H. 34858
Shibuya, S. *see* Tokuda, N. 15301
Shibuya, T., Suzuki, N., Kawayachi, N., Koga, T. Adaptive DPCM for broadcast quality TV transmission of composite NTSC signal 30948
Shibuya, T. *see* Kuboyama, Y. 44490
Shibuya, Y. *see* Hasegawa, T. 11386
Shichang Zou *see* Ping Liu 10978
Shichang Zou *see* Yuehui Yu 27646
Shichang Zou *see* Zuoyu Shi 34611
Shichang Zou *see* Zou Shichang
Shichida, N. *see* Machata, K. 31624
Shick Chung Moon *see* Moon Shick Chung
Shick Min Hong *see* Hong Shick Min
Shida, J. *see* Seki, K. 7987
Shida, Y. *see* Sekiguchi, M. 7070
Shidlovskii, A.K., Lishchenko, A.I., Restsov, V.F., Mazurenko, L.I. Problems of conversion of the energy of wind-powered electricity-generating installations 32811
Shie Jin-Shown *see* Jin-Shown Shie
Shie Jung-Dar *see* Jung-Dar Shie
Shie Qian, Dapang Chen Signal representation using adaptive normalized Gaussian functions 44833
Shieh, D.B. *see* Young, S.T. 47069
Shieh, H.M., Hsu, W.C., Kao, M.J., Wu, C.L. Influences of δ-doping time and spacer thickness on the mobility and two-dimensional electron gas concentration in δ-doped GaAs/InGaAs/GaAs pseudomorphic heterostructures 42993
Shieh, H.M. *see* Wu, C.L. 19404
Shieh, J., Zhuang, H., Sudhakar, R. A direct method of motion estimation from a sequence of stereo images 22183
Shieh, M.-D., Wey, C.-L., Fisher, P.D. Fault effects in asynchronous sequential logic circuits 10050
Shieh, M.-D., Wey, C.-L., Fisher, P.D. Model of asynchronous finite state machines and their pipelined structures 10132
Shieh, M.J. *see* Win-Li Lin 31968
Shieh, P.J. *see* Pereira, J.S. 43631
Shieh, S.-J., Zimmerman, M.C., Parsons, J.R., Cibischino, M., Langrana, N. Scanning acoustic microscopy for the evaluation of bone remodeling 38978
Shieh Hir-Ming *see* Hir-Ming Shieh
Shieh Ming-Deng *see* Ming-Deng Shieh
Shieh Tung-Ho *see* Tung-Ho Shieh
Shields, C., Thomson, T. Keadby—the first 9F combined cycle power plant 16698
Shields, H. *see* Turcu, I.C.E. 28025
Shields, K., Barber, D.C., Sherriff, S.B. Image registration for the investigation of atherosclerotic plaque movement 39029
Shields, K.B. *see* Hill, J.A. 5928
Shields, P., Dervin, B., Richter, C., Soller, R. Who needs 'POTS-plus' services? A comparison of residential user needs along the rural-urban continuum 5404
Shiels, R. Law school experience in pervasive electronic communications 37377
Shien-Tai Pan *see* Chan, J.C. 44666
Shiffer, J., Brasen, D., Hartoog, M., Eastwick, D. A 473 K gate 0.7 μ CMOS gate array 18666
Shiffer, J. *see* Honnenhalli, S. 18693
Shifrin, B.F. *see* Kotlikov, E.N. 3287
Shifrin, Y.S. *see* Tikhovsky, V.Y. 12699
Shifu Yuan, Lixue Chen, Jing Hong Pattern recognition based on morphological transformations and its optical implementation 5041
Shifu Yuan, Shijie Zhao, Xueru Zhang, Lixue Chen Optical implementation of binary image morphological transformations using a liquid crystal light valve (LCLV) 43594
Shifu Yuan, Xueru Zhang, Lixue Chen, Jing Hong Application of morphological transformations in defect detecting of printed circuit board (PCB) 26165
Shigaki, M. *see* Ishii, K. 27210
Shigaki, M. *see* Ishii, K. 27295
Shige-Eda, T. *see* Mori, K. 6252
Shigehiro, Y., Nagata, T., Shirakawa, I., Kambe, T. Optimal layout recycling based on graph theoretic linear programming approach 34014
Shigehiro, Y., Shirakawa, I. A recycling scheme for layout patterns used in an old fabrication technology 2616
Shigematsu, K. *see* Ide, H. 20425
Shigematsu, K. *see* Maeda, T. 20424
Shigematsu, M., Kashiwada, T., Nishimura, M., Kanamori, H., Okita, T. Optical fiber amplifiers for optical amplitude-modulated vestigial sideband transmission systems 30754
Shigematsu, M. *see* Onishi, M. 28459
Shigematsu, N. *see* Esaki, S. 5614
Shigematsu, T. *see* Adachi, N. 1837
Shigematsu, T. *see* Harata, Y. 33136
Shigematsu, T. *see* Sato, Y. 19443
Shigematsu, T. *see* Yoshida, K. 5878
Shigemi, J. *see* Baba, Y. 10592
Shigemi Murakawa, Sychyi Fang, McVittie, J.P. Ion trajectory distortion and profile tilt by surface charging in plasma etching 42684
Shigemori, K. *see* Yoshida, M. 15100
Shigenaga, A. Image segmentation using color and spatial-frequency representations 13671
Shigeo Ando, N. *see* Kanazawa, K. 6242
Shigeru Katagiri, Chin-Hui Lee A new hybrid algorithm for speech recognition based on HMM segmentation and learning vector quantization 44759
Shigesato, Y., Paine, D.C. A microstructural study of low resistivity tin-doped indium oxide prepared by d.c. magnetron sputtering 26498
Shigesawa, H., Tsuji, M. FDTD analysis of narrow pulse distortion on open and shielded coplanar waveguides 27120
Shigesawa, H., Tsuji, M., Oliner, A.A. The nature of the spectral gap between bound and leaky solutions when dielectric loss is present in printed-circuit lines 12644
Shigesawa, H., Tsuji, M., Oliner, A.A. The nature of the spectral gap between bound and leaky solutions when dielectric loss is present in printed-circuit lines 19194
Shigesawa, H., Tsuji, M., Oliner, A.A. Theory and experiments of simultaneous propagation of both bound and leaky dominant modes on conductor-backed coplanar strips 27133
Shigesawa, H. *see* Nishimura, M. 36221
Shigesawa, H. *see* Tsuji, M. 1396
Shigesawa, H. *see* Tsuji, M. 4077
Shigesawa, H. *see* Tsuji, M. 18950
Shigeta, M., Inaba, H., Okada, R. Development of superhigh-speed elevators (810 m/min) 33110
Shigeta, M. *see* Kanazawa, M. 15457
Shigeta, M. *see* Yatsui, K. 20952
Shigeta, N. *see* Hayashi, T. 30326
Shiguang Wang *see* Huaming Jiang 35273
Shiguo, L., Zhencheng, H. A novel active power filter based on a new detecting method of distorted current 7733
Shigyo, N., Niitsu, Y. Physical models for bipolar device simulation and their effects on cutoff frequency 19791
Shih, B.S. *see* Inoue, T. 27000
Shih, B.S. *see* Inoue, T. 41936
Shih, C. *see* La Rue, R.A. 34272
Shih, C. *see* Pao-Long Chang 191
Shih, C.F. *see* Liang, G.-C. 6753
Shih, C.G. *see* Wang, J.S. 3383
Shih, D.W. *see* Fan, C. 43527
Shih, D.Y. *see* Beaman, B. 10585
Shih, H.-J., Ellison, J.A., Schiesser, W.E. DILUTE: a code for studying beam evolution under RF noise 46767
Shih, H.-J. *see* Ellison, J.A. 46797
Shih, H.C. *see* Hsieh, H.F. 2123
Shih, H.D. *see* Wu, N.J. 33747
Shih, J.-D. *see* Greenberg, R.I. 935
Shih, J.-D. *see* Greenberg, R.I. 41559
Shih, K.K., Chieu, T.C., Dove, D.B. Hafnium dioxide etch-stop layer for phase-shifting masks 27890
Shih, K.K., Dove, D.B. Thin film materials for the preparation of attenuating phase shift masks 42793
Shih, M.C. *see* Freiler, M.B. 10963
Shih, M.P. *see* Chang, J.F. 37917
Shih, R., Chen, R.T. Polymer-based channel waveguide array for large fanout optical interconnects 3373
Shih, R. *see* Chen, R.T. 3100
Shih, R. *see* Chen, R.T. 20343
Shih, S. *see* Yan, J. 34781
Shih, T. *see* Fuyau Lin 18437
Shih, T.I.-P. *see* Steinthorsson, E. 606
Shih, W.-C., Wu, M.-S., Shimizu, M., Shoisaki, T. The effect of an SiO_2 buffer layer on the SAW properties of $ZnO/SiO_2/GaAs$ structure 20120
Shih, W.C., Greer, A.L., Xu, Y.Z., Jones, B.K. Microstructure, damage and resistance during electromigration life-testing of Al-Cu interconnects 34833
Shih, Y.-C.A. *see* Wright, P.J. 27772
Shih, Y.-H., Leblebici, Y., Kang, S.-M. ILLIADS: a fast timing and reliability simulator for digital MOS circuits 18554
Shih, Y.H., Zhang, H.Y., He, X.H., Yan, L. High reflectivity broad band self-pumped phase conjugator at near infrared wavelengths using SBN:Ce 20989
Shih, Y.H. *see* Zhang, H.Y. 44129
Shih Chang Chi *see* Chi Shih Chang
Shih Chun-Ching *see* Chun-Ching Shih
Shih Kung *see* Kung Shih
Shih Ming-Tang *see* Ming-Tang Shih
Shih Mingh *see* Mingh Shih
Shih Sheng-Wen *see* Sheng-Wen Shih
Shih Wen-Ching *see* Wen-Ching Shih
Shih-Chang Shaih *see* Jar-Ferr Yang 36878
Shih-Chieh Hsu *see* Chen-Yi Lee 10199
Shih-Hsiin Chang *see* Shih-Jen Wang 47673
Shih-I Chang *see* Tai-Ly Tso 24495
Shih-Jen Wang, Chun-Sheng Chien, Chia-Yu Wang, Tsu-Chi Lyie, Shih-Hsiin Chang, Der-Chyuan Wang Development of the Kuosheng plant analyzer and its assessment with plant data 47673
Shih-Jen Wang, Chun-Sheng Chien, Suh-Chyn Jeng Self-initialization algorithm of the Kuosheng plant analyzer 39783
Shih-Jih Yao, Bonetti, R.R., Williams, A.E. Generalized dual-plane multicoupled line filters 42178
Shih-Long Wei *see* Chang-Shu Lee 19155
Shih-Tsung Yang, Chun Hsiung Chen A perturbation analysis of microstrip-line dispersion 12701
Shih-Yu Huang, S., Jia-Shung Wang A finite state residual vector quantizer for image coding 30075
Shihab, S., Moorthy, S., Cheng, X., Rao, V. Partial discharge measuring system for on-line condition monitoring of high voltage equipment 38410
Shihab, S. *see* Alame, N. 39632
Shihab, S. *see* Rao, V. 40079

Shihabi, M.M., Tien Manh Nguyen, Hinedi, S.M. A comparison of telemetry signals in the presence and absence of a subcarrier 37969
Shihe, Z., Blaschke, F., Vandenput, A., Geysen, W. Application of an 'electronic stator resistance' in VSI fed field oriented synchronous machines 16812
Shihe Lu *see* Lu Shihe
Shiho, M. *see* Kawasaki, S. 44000
Shiho, M. *see* Sakamoto, K. 20930
Shiho, M. *see* Sakamoto, K. 43982
Shihohama, J. Transmission equipment 22457
Shihong Tian *see* Tian Shihong
Shiibashi, T. *see* Manabe, Y. 19690
Shiiki, M. *see* Raue, R. 20518
Shiina, T. *see* Hamamoto, K. 15825
Shiina, T. *see* Kobayashi, T. 46208
Shiiya, I. *see* Azuma, M. 33708
Shijie Cheng *see* Junyong Wu 7921
Shijie Cheng *see* Cheng Shijie
Shijie Li *see* Li Shijie
Shijie Xu *see* Xu Shijie
Shijie Zhao *see* Shifu Yuan 43594
Shijun Cai *see* Cai Shijun
Shijun Jiang, Zeqi Pan, Dagenais, M., Morgan, R.A., Kojima, K. High-frequency polarization self-modulation in vertical-cavity surface-emitting lasers 35855
Shijun Jiang, Zeqi Pan, Dagenais, M., Morgan, R.A., Kojima, K. Influence of external optical feedback on threshold and spectral characteristics of vertical-cavity surface-emitting lasers 35890
Shik Jhon Chu *see* Chu Shik Jhon
Shik Kim Hyong *see* Hyong Shik Kim
Shik Yoon Hyun *see* Hyun Shik Yoon
Shikakura, A., Ohtsuka, Y. HDTV codecs 6222
Shikakura, A. *see* Enari, M. 38293
Shikakura, T. *see* Ichijo, T. 40645
Shikama, S., Satoh, Y., Soutome, Y., Nakamura, Y. High-density recording characteristics of obliquely oriented particulate magnetic tapes by removal of disoriented surface layer 43305
Shikama, S. *see* Kobayashi, T. 19732
Shikama, S. *see* Satoh, Y. 43304
Shikama, S. *see* Yamakawa, M. 14827
Shikano, K. *see* Minami, Y. 44796
Shikano, K. *see* Takahashi, S. 44792
Shikano, K. *see* Yamada, T. 44797
Shikata, M., Tanaka, K., Yamada, H.T., Fujishiro, H.I., Nishi, S., Yamagishi, C., Akiyama, M. A 20-Gb/s flip-flop circuit using direct-coupled FET logic 10101
Shikata, S. *see* Fujii, S. 10816
Shikata, S. *see* Nakahata, H. 11425
Shikata, S. *see* Nakahata, H. 28345
Shikata, S. *see* Tsuno, T. 26407
Shikata, S. *see* Tsuno, T. 33642
Shikatani, M., Toyoda, M., Takami, H., Araki, K., Isogai, M., Suzuki, Y., Aruga, T. Ground system development for the ETS-VI/LCE laser communications experiment 6037
Shikhliarov, K.K. *see* Gavalian, V.G. 31678
Shiki, T. *see* Nakajima, K. 23824
Shiki, T. *see* Suzuki, M. 14758
Shikoda, A. *see* Kimura, S. 7393
Shikov, V.K. *see* Brykin, M.V. 25735
Shikov, V.K. *see* Lukin, E.S. 25796
Shikov, V.K. *see* Zalkind, V.I. 48145
Shikova, L.V. *see* Meshchanov, V.P. 10371
Shikova, L.V. *see* Meshchanov, V.P. 10399
Shiktorov, P. *see* Gruzinskis, V. 19024
Shiktorov, P. *see* Gruzinskis, V. 19025
Shiktorov, P. *see* Gruzinskis, V. 42827
Shiktorov, P. *see* Mitin, V. 27245
Shikui Wang *see* Wang Shikui
Shikunami, J. *see* Yamada, K. 28441
Shilenas, A. *see* Zhidovainis, R. 3342
Shiliang Wang *see* Wang Shiliang
Shilimanov, S.N., Shkuratov, S.I. Pulsed field cleaning of the surface of sharp field electron emitters 1013
Shilin, Yu.P. *see* Zarubin, L.A. 16688
Shiliu Fu *see* Xuanying Lin 27472
Shilkin, N.F. *see* Ananiev, S.M. 15680
Shillor, M. *see* Cahlon, B. 1704
Shil'man, S.V. Adaptive, asymptotically optimal prediction of time series in the presence of unknown values of the covariance functions 29687
Shil'nikov, L.P. Chua's circuit: rigorous results and future problems 26646
Shilov, I.A. *see* Verbovetskii, A.A. 15060
Shim, J.I. *see* Kudo, K. 12278
Shim, T.I., Pillai, S.U., Lee, W.C. Uniqueness of a two-step predictor based spectral estimator that generalizes the maximum entropy concept 13226
Shim, T.I. *see* Pillai, S.U. 26634
Shim, T.I. *see* Unnikrishna Pillai, S. 44320
Shim, Y.G., Lee, C.W. Soft-decision decoding algorithm for binary linear block codes 21637
Shim Cheul *see* Cheul Shim
Shim Jae-Chang *see* Jae-Chang Shim
Shima, A., Kadowaki, T., Miura, T., Miyashita, M., Kageyama, S., Aiga, M., Ikeda, K. High-power and high-temperature operation of eight-element monolithic, 780 nm MQW laser diode array on 50 μm centres 3635
Shima, A., Miyashita, M., Miura, T., Kadowaki, T., Hayafuji, N., Aiga, M., Susaki, W. Uniform and high-power characteristics of 780-nm AlGaAs TQW laser diodes fabricated by large-scale MOCVD 43907
Shima, A. *see* Arimoto, S. 12177
Shima, A. *see* Mihashi, Y. 20849
Shima, J. *see* Kawai, M. 8958
Shima, K., Munakata, K., Washino, S., Komori, S., Kajiwara, Y., Shimomura, S. The application of a data-driven processor to automotive engine control 33138
Shima, M. *see* Terakawa, A. 17402
Shima, S. An investigation on model of transient response in stepping motor 16901
Shima, T. Global optimization by annealing type of random tunneling algorithm 26319
Shima, T., Kataoka, N., Fujimori, H. Magnetostrictions and magnetic properties of Fe-Co-RE (RE: rare earth elements) films produced by DC triode sputtering 43257
Shima, T. *see* Kanno, T. 31272
Shima, T. *see* Kobayashi, N. 35217
Shima, T. *see* Lee, J.-S. 33601
Shima, Y. *see* Sato, M. 40151
Shimabukuro, J. *see* Ishihara, Y. 30222
Shimada, H., Onodera, M., Nonaka, T., Hirose, K., Ohmi, T. Advanced development process for ultrafine photoresist patterns 11025
Shimada, H. *see* Hirose, K. 19693
Shimada, H. *see* Iwamoto, T. 42801
Shimada, H. *see* Shimomura, S. 11019
Shimada, H. *see* Tanaka, M. 26431
Shimada, H. *see* Yamada, K. 28441
Shimada, J. *see* Niki, S. 716
Shimada, J. *see* Tanaka, H. 20834
Shimada, J. *see* Tanaka, H. 20860
Shimada, J. *see* Watabe, A. 11890
Shimada, K., Kambayashi, T. Directional coupler-type wavelength filters having an integrated multiple-waveguide structure 37980
Shimada, K. *see* Kitazawa, M. 3046
Shimada, M., Hamajima, T., Yamaguchi, M. Quench propagation of forced-flow-cooled superconducting coil 35292
Shimada, M. *see* Oshima, T. 22955
Shimada, M. *see* Yamamoto, O. 1771
Shimada, N. *see* Imai, Y. 43418
Shimada, O. *see* Nii, M. 17889
Shimada, R. *see* Chikaraishi, H. 24785
Shimada, R. *see* Ogata, T. 17414
Shimada, R. *see* Uemura, S. 16837
Shimada, R. *see* Uemura, S. 16846
Shimada, S. Extraction of scenes containing a specific person from image sequences of a real-world scene 29999
Shimada, S., Adachi, F. Extraction of moving objects by successive matching 22154
Shimada, S., Nakagawa, K., Saruwatari, M., Matsumoto, T. Very-high-speed optical signal processing 30744
Shimada, S. *see* Yamanaka, K. 23775
Shimada, T. *see* Suzuki, H. 28993
Shimada, Y., Dohya, A., Inoue, T., Abe, M., Kata, K., Hamaguchi, H., Okada, Y., Kimbara, K., Inasaka, J., Ueda, S. High-speed computer packaging with multilayer glass ceramic substrate 9248
Shimada, Y. *see* Kamo, Y. 20129
Shimada, Y. *see* Sakurai, T. 35237
Shimakura, N. *see* Tanaka, M. 31640
Shimakura, S. *see* Hayakawa, M. 39391
Shimakura, S. *see* Yamaguchi, M. 23240
Shimakura, Y., Fujisawa, Y., Maeda, Y., Makino, R., Kishi, Y., Ono, M., Fann, J.-Y., Fukusima, N. Short-term load forecasting using an artificial neural network 24863
Shimakura, Y., Inagaki, J., Fukui, S., Hori, S. An artificial neural network and knowledge-based method for reasoning causes of power network faults 16122
Shimamoto, S. *see* Baba, H. 14536
Shimamoto, S. *see* Koizumi, N. 20227
Shimamoto, S. *see* Tsuji, H. 28422
Shimamoto, T. *see* Liu, X. 18395
Shimamoto, T. *see* Taniguchi, N. 2610
Shimamoto, T. *see* Taniguchi, N. 26545
Shimamoto, Y. *see* Ebiike, Y. 25902
Shimamoto, Y. *see* Taniguchi, H. 20330
Shimamura, T., Suzuki, J. Spectral peak enhancement methods for 1-D and 2-D signals and their applications 21797
Shimamura, T., Suzuki, J. A least-squares adaptive filter with complex coefficients for ill-conditioned adaptive equalization 44894
Shimamura, T. *see* Itoh, K. 27059
Shimamura, T. *see* Iwama, S. 5391
Shimane, H. *see* Tsuji, H. 28422
Shimane, K., Tanaka, S., Tadakuma, S. Vector controlled induction motors using neural network 25868
Shimano, T. *see* Katoh, T. 15940
Shimanuki, Y. *see* Sasaki, H. 18132
Shimase, A. *see* Itoh, F. 19613
Shimatani, T., Matsumoto, T., Hashimoto, T., Kato, N., Yamada, S., Koyanagi, M. Device simulation with quasi three-dimensional temperature analysis for short-channel poly-Si thin-film transistor 42924
Shimatani, T. *see* Maeda, Y. 37640
Shimatsu, T., Mitarai, K., Kobayashi, M., Takahashi, M., Wakiyama, T. A study on the magnetic microstructure of CoCrTa/Cr film media, using rotational hysteresis loss analysis 28357
Shimatsu, T. *see* Igaki, M. 43306
Shimatsu, T. *see* Suckane, M. 2789
Shimawaki, H., Amamiya, Y., Furuhata, N., Honjo, K. High-f_{max} AlGaAs/InGaAs and AlGaAs/GaAs HBTs fabricated with MOMBE selective growth in extrinsic base regions 42187
Shimawaki, H., Sagae, K., Sato, N., Yokoo, K., Ono, S. Experiments on 2nd cyclotron harmonic peniotron 27434
Shimawaki, Y. *see* Deguchi, H. 30941
Shimazaki, A. Chemical analysis of silicon wafer surface contamination 2179
Shimazaki, K., Mugitani, S., Ueda, T. New operation systems. Efficiency enhancement by flow-through operations 22415
Shimazaki, K. *see* Yoshihiro, M. 20432
Shimazaki, S. *see* Higashi, K. 27387
Shimazu, Y. *see* De Zhong, W. 45731
Shimazu, Y. *see* Saito, Y. 26964
Shimazu, Y. *see* Saito, Y. 27002
Shimazu, Y. *see* Yukimatsu, K. 35636
Shimba, M. *see* Kobayashi, Y. 12125
Shimba, M. *see* Nakazawa, T. 12244
Shimba, M. *see* Sato, T. 3651
Shimba, M. *see* Sato, T. 3676
Shimba, M. *see* Ueno, T. 12240
Shimba, M. *see* Ueno, T. 35780
Shimbo, A., Kawamura, S. Cryptanalysis of several conference key distribution schemes 12980
Shimin Wang, Xuefeng Zhang Determining temperature of flame and particles in coal-fired MHD combustor 25809
Shiming Lin *see* Lin Shiming
Shimizu, A. Panel drivers adopt growing numbers of DC/DC converters 23806
Shimizu, A. *see* Fujii, K. 12365
Shimizu, A. *see* Inoshita, T. 19373
Shimizu, A. *see* Koshiba, S. 18209
Shimizu, A. *see* Koshiba, S. 41349
Shimizu, A. *see* Suzuki, M. 26785
Shimizu, A. *see* Suzuki, M. 26916
Shimizu, E. *see* Masui, T. 36833
Shimizu, F.O., Fujisawa, T., Takahashi, H., Hirata, T., Minoh, A. Discharge current dependences of laser parameters of regular and sequence band transitions of CO_2 28737
Shimizu, H., Hayashi, A. Breaking the Kobayashi-Fujinami-Tamura linear cryptosystem based on the difficulty of factoring 29433
Shimizu, H., Ishitani, H., Kaya, Y., Ono, M., Natori, K., Yamamoto, T., Sakurai, T. The concept and simulation of a high performance EV, IZA 48224
Shimizu, H., Moriguchi, Y. The role and the future of an electric vehicle 48175
Shimizu, H., Munakata, C. Nondestructive diagnostic method using AC surface photovoltage in silicon wafers rinsed with metal-contaminated water solutions 2099
Shimizu, H., Nakamura, T., Tomiyama, Y., Ohkawa, Y. Improved D70 digital switching system 37674
Shimizu, H., Oka, M., Takaichi, R. Evolution of an intelligent network 30554
Shimizu, H. *see* Ashikaga, T. 48225
Shimizu, H. *see* Honma, N. 6710
Shimizu, H. *see* Ishitani, H. 48228
Shimizu, H. *see* Kaya, Y. 48223
Shimizu, H. *see* Kokubun, K. 6848
Shimizu, H. *see* Nagata, T. 46488
Shimizu, H. *see* Ono, M. 48226
Shimizu, H. *see* Yamaguchi, Y. 45072
Shimizu, H. *see* Yang, M. 46427
Shimizu, I. *see* Akasaka, T. 26480
Shimizu, I. *see* Azuma, M. 33708
Shimizu, I. *see* Endo, K. 18272
Shimizu, I. *see* Fujiwara, H. 18174
Shimizu, I. *see* Ishihara, S. 9695
Shimizu, I. *see* Ishihara, S. 26502
Shimizu, I. *see* Ishihara, S.-I. 26484
Shimizu, I. *see* Nakata, M. 19326
Shimizu, I. *see* Fauchet, P.M. *(editor)* 17665
Shimizu, J. Plastic ball grid array coplanarity 33405
Shimizu, J.-I. *see* Kimura, A. 20803
Shimizu, K. Filter solves connector's EMI problems, adapts to automatic mounting 1686
Shimizu, K., Horiguchi, T., Koyamada, Y. Frequency-difference stabilization of distributed-feedback laser diodes by use of an optical frequency translation circuit 12248
Shimizu, K., Horiguchi, T., Koyamada, Y. Frequency translation of light waves by propagation around an optical ring circuit containing a frequency shifter. I. Experiment 21021
Shimizu, K., Horiguchi, T., Koyamada, Y. Continuous-wave laser frequency synthesizer with a 100 GHz tuning range and a high absolute frequency stability 35899
Shimizu, K., Horiguchi, T., Koyamada, Y., Kurashima, T. A high-performance Brillouin OTDR employing coherent self-heterodyne detection 35417
Shimizu, K., Kanno, K., Shiotani, K. Analysis technology for LSI devices 43064

Shimizu, K., Sato, S. Room-temperature operation of fast-axial-flow radio-frequency-discharge-excited CO laser 35673
Shimizu, K. *see* Kitazawa, H. 11916
Shimizu, K. *see* Matsuda, S. 14098
Shimizu, K. *see* Tsuda, S. 31930
Shimizu, K. *see* Uyeda, K. 25390
Shimizu, K. *see* Yoshida, S. 44019
Shimizu, M., Furushima, Y., Nishida, T., Shiosaki, T. Preparation and optical waveguide properties of $LiNbO_3$ thin films by RF magnetron sputtering 9689
Shimizu, M., Kobayashi, H., Chijiwa, Y. Design and performance of optical fiber identification system for optical fiber transfer splicing system 30822
Shimizu, M., Oshima, K., Ishii, T., Kawamura, H., Ando, H., Oyamada, R. Re-instrumentation technique of pressure gauge for irradiated fuel rod 46668
Shimizu, M., Yamada, M., Temmyo, J., Wada, M., Kanamori, T., Terunuma, Y., Ohishi, Y., Sudo, S. Two-LD-pumped Pr-doped fiber amplifier module with a 1.30-μm signal gain of 17 dB 28788
Shimizu, M. *see* Dudley, J.J. 20828
Shimizu, M. *see* Kamase, Y. 4009
Shimizu, M. *see* Ohishi, Y. 43798
Shimizu, M. *see* Shih, W.-C. 20120
Shimizu, M. *see* Takayama, R. 6598
Shimizu, M. *see* Teruyama, H. 40107
Shimizu, M. *see* Tomita, N. 45995
Shimizu, M. *see* Wenbin Jiang 20804
Shimizu, M. *see* Yamada, M. 12065
Shimizu, M. *see* Yamada, M. 12075
Shimizu, M. *see* Yamada, M. 20683
Shimizu, M. *see* Yamada, M. 35757
Shimizu, M. *see* Yodo, S. 3284
Shimizu, M. *see* Yonehara, H. 12392
Shimizu, N., Asai, H., Ishihara, H., Uchida, K., Rasikawan, S. Electrical tree in ethylene based copolymers 35179
Shimizu, N. *see* Hibino, H. 725
Shimizu, N. *see* Hibino, H. 26427
Shimizu, N. *see* Ito, Y. 14344
Shimizu, N. *see* Nagata, T. 47511
Shimizu, N. *see* Takei, H. 36020
Shimizu, R. *see* Beag, Y.W. 26479
Shimizu, R. *see* Kimura, Y. 34488
Shimizu, R. *see* Ogai, K. 27868
Shimizu, S., Kamatani, Y., Kitaura, Y. GaAs MESFET circuit structures based on virtual ground concept for high-performance ASICs 26907
Shimizu, S., Suzuki, K., Takase, A., Otake, A. Optical cable with lateral pressure sensor 14592
Shimizu, S., Yahagi, T. Design of IIR allpass networks for Hilbert transformers 10310
Shimizu, S. *see* Suzuki, Y. 32130
Shimizu, S. *see* Wakayama, N. 39838
Shimizu, T. Light-induced effects and stability in *a*-Si:H and related alloys 43610
Shimizu, T., Takada, K., Sekiguchi, Y., Sato, H., Nagashima, S., Kumada, T., Ishijima, M., Magoi, T. SV-series M type tantalum chip capacitor 19167
Shimizu, T., Ugai, M. Visualization of lines of force by spline interpolation of a discrete solenoidal field 12519
Shimizu, T. *see* Jiang-Huai Zhou 10855
Shimizu, T. *see* Masaki, N. 25005
Shimizu, T. *see* Mizushina, S. 7361
Shimizu, T. *see* Ogawa, T. 11373
Shimizu, T. *see* Saito, Y. 26964
Shimizu, T. *see* Saito, Y. 27002
Shimizu, T. *see* Tsuji, H. 28422
Shimizu, T. *see* Watanabe, T. 25665
Shimizu, T. *see* Zhou, J.-H. 3318
Shimizu, Y. Feasibility study on refresher education for engineers by communication satellite network system 17768
Shimizu, Y. Characteristics and the present status of SAW materials in Japanese industries 43239
Shimizu, Y., Mizuno, H. Codes from an N-dimensional Torus simplicially or cellularly decomposed 4449
Shimizu, Y., Nagao, H. Approximate theory of shielding effectiveness calculated from sheet resistivity 12634
Shimizu, Y., Nemoto, A., Hyodo, T., Miura, N., Yamazoe, N. Gas diffusion-type oxygen electrode using perovskite-type oxides for rechargeable metal-air batteries 48078
Shimizu, Y., Shimomura, K. Numerical analysis of current modulation in optically-controlled field-effect transistor 28652
Shimizu, Y., Tagawa, I., Nakamura, Y. An analysis of spacing dependencies in perpendicular magnetic recording 28379
Shimizu, Y. *see* Feng, C.D. 23751
Shimizu, Y. *see* Feng-Cang Lin 38739
Shimizu, Y. *see* Hattori, T. 34710
Shimizu, Y. *see* Ito, H. 46164
Shimizu, Y. *see* Krasawa, T. 22017
Shimizu, Y. *see* Nagatsuka, M. 31821
Shimizu, Y. *see* Nakagawa, K. 3554
Shimizu, Y. *see* Takao, Y. 46535
Shimizu, Y. *see* Tatezono, F. 2938
Shimizu, Y. *see* Yao, S. 6648
Shimkaveg, G. *see* Osterheld, A.L. 43721
Shimkiene, I. *see* Dapkus, L. 19597
Shimkiene, I. *see* Pachebutas, V. 10725
Shimkin, N. *see* Orda, A. 30256
Shimmin, D.W. *see* Bennett, N. 8839
Shimmin, D.W. *see* Wang, J. 17437
Shimo, Y. *see* Horii, K. 5925
Shimobachi, T. *see* Mochizuki, K. 35335
Shimoda, K. *see* Okuyama, T. 23338
Shimoda, K. *see* Takeuchi, S. 46791
Shimoda, M., Itakura, T. Diffraction of a plane wave by an inclined parallel plate grating with thickness 4057
Shimoda, S. *see* Watanabe, T. 44110
Shimoda, T. A prospective observation of bonded rare-earth magnets 35247
Shimoda, T. *see* Shinkawa, O. 17448
Shimoda, T. *see* Yamakoshi, I. 48277
Shimodaira, H. A simple and efficient method for diagnosing equipment faults based on quantitative physical knowledge 9325
Shimodaira, H. *see* Nakai, M. 44798
Shimoe, O. *see* Takedomi, S. 25467
Shimogaki, Y., Uchida, T., Saito, T., Egashira, Y., Sugawara, K., Komiyama, H. A kinetic study of WSi_x-CVD processes by Monte Carlo simulation 827
Shimogaki, Y. *see* Saito, T. 27798
Shimogama, M. *see* Yoshimura, K. 8906
Shimohara, K. *see* Hiraiwa, A. 47106
Shimoji, M., Baiocchi, O. Study of eigenmode propagation and simulation of multiconductor microstrip transmission line crosstalk 44531
Shimoji, S. *see* Lee, S. 22182
Shimokawa, K. *see* Usami, T. 42756
Shimokohbe, A., Sato, K., Toyama, A., Yamaguchi, J. Measurement of straight motion accuracy 31446
Shimokohbe, A. *see* Seki, H. 35189
Shimokoshi, K. Evaluation of policing mechanisms for ATM networks 22322
Shimoliunas, A. *see* Garliauskas, A. 7454
Shimoliunas, A. *see* Garliauskas, A. 7455
Shimomichi, T. *see* Oohashi, K. 11591
Shimomura, H., Anan, T., Mori, K., Sugou, S. High-reflectance AlPSb/GaPSb distributed Bragg reflector mirrors on InP grown by gas-source molecular beam epitaxy 35922
Shimomura, H. *see* Okada, Y. 772
Shimomura, K., Arai, S. Semiconductor waveguide optical switches and modulators 22739
Shimomura, K. *see* Nakamura, K. 10194
Shimomura, K. *see* Nakamura, K. 34108
Shimomura, K. *see* Shimizu, Y. 28652
Shimomura, N., Nagata, M., Akiyama, H. Resonance characteristics of self-integrating Rogowski coils 38640
Shimomura, S., Inoue, K., Tanaka, M., Tomita, N., Adachi, A., Fujii, M., Yamamoto, T., Watanabe, T., Sano, N., Murase, K., Hiyamizu, S. Optical properties of GaAs/$Al_{0.3}Ga_{0.7}As$ T-shaped quantum well structure fabricated by glancing angle molecular beam epitaxy on GaAs (100) patterned substrates 41347
Shimomura, S., Shimada, H., Au, R., Miyawaki, M., Ohmi, T. High-resolution pattern formation featuring excellent dimension correlation by enhanced-wettability development technology 11019
Shimomura, S., Wakejima, A., Adachi, A., Okamoto, Y., Sano, N., Murase, K., Hiyamizu, S. Extremely flat interfaces in GaAs/AlGaAs quantum wells grown on GaAs (411)A substrates by molecular beam epitaxy 9619
Shimomura, S. *see* Hirose, K. 19693
Shimomura, S. *see* Iwamoto, T. 42801
Shimomura, S. *see* Liu, Y. 19372
Shimomura, S. *see* Shima, K. 33138
Shimomura, T. *see* Imai, Y. 24985
Shimomura, T. *see* Imai, Y. 25049
Shimomura, T. *see* Katsuta, G. 24969
Shimomura, T. *see* Miwa, K. 26093
Shimomura, T. *see* Ohtsuka, M. 31196
Shimomura, Y. *see* Ogusu, M. 37655
Shimonaka, T. *see* Abe, K. 43208
Shimono, T., Tsuji, M. A new cleaning solution for metallic impurities on the silicon wafer surface 2199
Shimono, T., Yamamoto, K. Development of reprocessing technique of HF chemicals used for VLSI manufacturing 19242
Shimono, T., Yamamoto, K. A new purification method of fluoric acid for VLSI manufacturing 35048
Shimono, T. *see* Shirakawa, T. 46076
Shimony, S.E. *see* Kornatzky, Y. 13731
Shimony, Y. *see* Loutts, G.B. 18126
Shimoto, T. *see* Kusaka, T. 26966
Shimotsu, M., Izumi, M., Murata, K. Current status of SOFC at Mitsui 17277
Shimotsuji, S. *see* Ishii, T. 45111
Shimotsuma, Y. *see* Saito, Y. 26964
Shimotsuma, Y. *see* Saito, Y. 27002
Shimotsuma, Y. *see* Suzuki, T. 34113
Shimowaki, M. *see* Morikawa, T. 25232
Shimulyte, E. *see* Zhidovainis, R. 3342
Shimura, F. *see* Buczkowski, A. 3314
Shimura, F. *see* Daio, H. 19320
Shimura, F. *see* Katayama, K. 10782
Shimura, F. *see* Liu, H.X. 34739
Shimura, F. *see* Zhong, L. 1825
Shimura, K. *see* Sugaya, T. 20276
Shimura, M., Okumura, T., Yamamoto, S. In situ surface treatment of GaAs(100) wafer in metal salt electrolytes for fabrication of Schottky contact 2159
Shimura, T., Tamura, M., Kuroda, K. Injection locking and mode switching of a diode laser with a double phase-conjugate mirror 3586
Shimura, T. *see* Moride, H. 13949
Shimura, T. *see* Ohgane, T. 5775
Shimura, T. *see* Ohgane, T. 22841
Shimura, T. *see* Yamazaki, K. 24137
Shimura, Y., Fujii, M. ML5550A/ML5655A measuring receiver 38602
Shin, B.C. *see* Chung, W.S. 37141
Shin, B.J. *see* Kyung Cheol Choi 15138
Shin, C.-H. *see* Lee, G.-S. 10861
Shin, C.-K. *see* Lee, G.-S. 10861
Shin, D., Muramoto, T., Hashimoto, S., Ohteru, S. A virtual space action communication system for bunraku 5432
Shin, H., Hu, C. Plasma-etching induced damage in thin oxide 2167
Shin, H., Noguchi, K., Hu, C. Modeling oxide thickness dependence of charging damage by plasma processing 19589
Shin, H., Noguchi, K., Hu, C. Thickness and other effects on oxide and interface damage by plasma processing 34780
Shin, H. *see* Miyazaki, S. 870
Shin, H.J., Lu, P.F., Chin, K., Chuang, C.-T., Warnock, J.D., Franch, R.L. A 1.2 ns/1 ns 1 K×16 ECL dual-port cache RAM 34045
Shin, H.J. *see* Chuang, C.T. 41798
Shin, H.J. *see* Fixl, A.J. 33998
Shin, H.J. *see* Lee, Y.P. 11450
Shin, H.J. *see* Pong-Fei Lu 18713
Shin, J., Chiu, K., Stringfellow, G.B., Gedridge, R.W., Jr. Diisopropylantimonyhydride (DIPSbH) for low temperature epitaxial growth of InSb 704
Shin, J.H. *see* Song, J.I. 20792
Shin, K.G., Chih-Che Chou A simple distributed loop-free routing strategy for computer communication networks 30433
Shin, K.G., Qin Zheng Mixed time-constrained and non-time-constrained communications in local area networks 22601
Shin, R.T. *see* Johnson, J.T. 24508
Shin, R.T. *see* Johnson, J.T. 47287
Shin, R.T. *see* Nghiem, S.V. 7638
Shin, R.T. *see* Veysoglu, M.E. 12567
Shin, S., Su, C.B. Strong increase of the derivative of the carrier-induced index change of semiconductor lasers at low injected carrier density 20802
Shin, S., Su, C.B. Bandwidth reduction due to confinement factor modulation in quantum-well lasers 20864
Shin, S. *see* CHoi, S.H. 292
Shin, S.-Y. *see* Lee, J.-S. 21297
Shin, S.H., Arias, J.M., Zandian, M., Pasko, J.G., Bubulac, L.O., De Wames, R.E. Annealing effect on the p-type carrier concentration in low-temperature processed arsenic-doped HgCdTe 10790
Shin, S.H. *see* Arias, J.M. 11838
Shin, S.S., Mathiopoulos, P.T. Differentially detected GMSK signals in CCI channels for mobile cellular telecommunication systems 5776
Shin, Y.-C., Sridhar, R., Demjanenko, V., Palumbo, P.W., Hull, J., Srihari, S.N. Image processing ASIC for real-time contrast enhancement 22171
Shin, Y.-I.S. Live insertion considerations for Philips TTL bus-interface logic devices 26844
Shin, Y.H. *see* Lu, C.-C. 11723
Shin Chung Tai *see* Tai Shin Chung
Shin Dong Ho *see* Dong Ho Shin
Shin Heonshik *see* Heonshik Shin
Shin Hwa-Yuh *see* Hwa-Yuh Shin
Shin Hyun Chul *see* Hyun Chul Shin
Shin Hyun-Koock *see* Hyun-Koock Shin
Shin Hyunchul *see* Hyunchul Shin
Shin Hyungcheol *see* Hyungcheol Shin
Shin Hyungsoon *see* Hyungsoon Shin
Shin Jong Cheol *see* Jong Cheol Shin
Shin Jong-Dug *see* Jong-Dug Shin
Shin Lee Young *see* Young Shin Lee
Shin Nerng-Fu *see* Nerng-Fu Shin
Shin Sang-Yung *see* Sang-Yung Shin
Shin Sung *see* Sung Shin
Shin-Chou Juan *see* Chen-Yi Lee 23294
Shin-ichi Matsuzaki *see* Okumoto, Y. 17636
Shin-ichi Mitsui Reliability of P&SVH printed wiring board 19209
Shin-Tson Wu Ultraviolet filters using liquid crystal molecules 11813
Shin-Wen Lee, Wen-Hsing Hsu Parallel prime-factor discrete Hartley transform on the orthogonal multiprocessor 4775
Shin-yi Hsu Contribution of depth information to ground vehicle identification using laser radar imagery data 6149
Shinagawa, J. *see* Ohashi, Y. 39611
Shinagawa, K. *see* Ishikawa, C. 11492
Shinagawa, K. *see* Ishikawa, C. 28382
Shinagawa, M., Nagatsuma, T. An automated optical on-wafer probing system for ultra-high-speed ICs 11263

Shinagawa, M. *see* Koga, T. 1097
Shinan Lu *see* Lu Shinan
Shinano, K. Surface mount system Board-Packer A431·A530 42319
Shinar, J., Forte, I., Kantor, B. Mixed strategy guidance: a new high-performance missile guidance law 24575
Shinar, J., Swanson, L.S. Optically detected magnetic resonance studies of π-conjugated polymer-based light-emitting diodes 35606
Shinar, J. *see* Swanson, L.S. 35614
Shinbo, M., Shiroto, S., Kawamura, S., Shibata, K. Standardization of communication protocol of automatic fare collection systems for station 30458
Shinbo, T. *see* Suzuki, M. 26785
Shinbori, E., Takagi, M. High quality image magnification applying the Gerchberg-Papoulis iterative algorithm with DCT 22148
Shinde, D.B. *see* Ramaiah, M. 16503
Shindo, H. *see* Fukasawa, T. 27714
Shindo, H. *see* Shingubara, S. 2240
Shindo, T., Miki, M., Aihara, Y., Wada, A. Laser-guided discharges in long gaps 32466
Shindo, T. *see* Aihara, Y. 25035
Shindo, Y. *see* Matsuoka, R. 6012
Shindoi, T. *see* Makikawa, M. 38409
Shine, R.J., Jr., Merrill, T.C., Alfrey, A.J., Gustafson, E.K., Byer, R.L. Design considerations for a 50-watt CW, fundamental mode, diode-pumped solid-state laser 20714
Shing, Y.H. *see* Pool, F.S. 41425
Shing-Chow Chan, Ka-Leung Ho Prime factor real-valued Fourier, cosine and Hartley transforms 21750
Shing-Hong Chen *see* Ker-Chang Chang, H. 45208
Shing-Tsaan Huang, Nian-Shing Chen Self-stabilizing depth-first token circulation on networks 13886
Shing-Tsaan Huang *see* Lih-Chyau Wuu 45323
Shingu, K., Yasuhira, N., Ueda, S. Ultrahigh-accuracy grinding and polishing method for optics with 3-D profile 28573
Shingubara, S., Morimoto, N., Takehiro, S., Shindo, H., Horiike, Y. Submicron hole filling characteristics employing ECR Al sputtering with high magnetic field 2240
Shingyouji, T. *see* Ishigami, S. 10685
Shingyouji, T. *see* Ishigami, S.-I. 19585
Shingyouji, T. *see* Murakami, Y. 42485
Shingyouji, T. *see* Okada, C. 2100
Shingyouji, T. *see* Sasaki, H. 18132
Shin'ichi Morohashi, Hasuo, S. Cross-sectional transmission electron microscopy study for Nb/AlO_x-Al/Nb, Nb/ZrO_x-Zr/Nb, and Nb/HfO_x-Hf/Nb Josephson junctions 2914
Shinka, Y. *see* Stabulnieks, Y. 17077
Shinkai, M., Karashima, T., Akamatsu, K., Sato, T. Advanced technology for NC Die-sinking electrical discharge machines 25962
Shinkarev, M.K. *see* Politov, V.Y. 3457
Shinkawa, O., Tabata, K., Uetake, A., Shimoda, T., Ogasawara, S., Akagi, H. Wide speed operation of a sensorless brushless DC motor having an interior permanent magnet rotor 17448
Shinkawa, T. *see* Kobayashi, M. 31667
Shinmoto, M. *see* Matsuguchi, M. 46365
Shinmura, T., Yamaguchi, H. Study on a new internal finishing process of a non-ferromagnetic tubing by applying a linearly travelling magnetic field: on the process principle and the behaviour of magnetic finishing tool 9242
Shinn, J.L. *see* Lamkin, S.L. 47167
Shinn-Ying Ho *see* Zen Chen 22027
Shinobu Doi, Grossman, B.G. LCD-based electro-optic implementation of a multilayer perceptron neural network to classify fish species using sonograms as the neural inputs 28524
Shinoda, H., Geng, Q., Yamashita, S., Ai, M., Ando, S. A gradient-based image measurement system for characterizing 3-D deformation of oral soft tissue 15827
Shinoda, H., Uchikawa, K., Ikeda, M. Categorized color space on CRT in the aperture and the surface color mode 15122
Shinoda, I. *see* Hisanaga, K. 14346
Shinoda, K., Iso, K., Watanabe, T. Speaker adaptation using spectral interpolation for speech recognition 44788
Shinoda, M., Satoh, Y., Kara-Ki, M., Ishii, M., Kime, K. Optical power monitor for two-beam laser diodes using electric operational circuits 28944
Shinoda, M. *see* Takizawa, T. 20273
Shinoda, T. *see* Ikawa, A. 45543
Shinoda, Y. *see* Hibino, H. 725
Shinoda, Y. *see* Hibino, H. 26427
Shinoe, K. *see* Hashimoto, Y. 23960
Shinohara, A. *see* Kato, Y. 35067
Shinohara, H. Opticalization scenarios for subscriber networks 30558
Shinohara, H., Suzuki, K. Sub-half-micron MOSFET for low supply voltage operation 34053
Shinohara, K. *see* Minari, Y. 8526
Shinohara, M. *see* Ura, S. 43501
Shinohara, S., Toyoshima, M., Yoshida, H., Sawaki, T., Ikeda, H., Sumi, M. Novel method of vibrational displacement measurement using self-mixing type LDV 15263
Shinohara, S. *see* Ikeda, H. 8546
Shinohara, S. *see* Ikeda, H. 14615
Shinohara, S. *see* Li, J. 23052
Shinohara, S. *see* Matsubara, Y.-I. 14666
Shinohara, S. *see* Rabou, N.A. 14604
Shinohara, S. *see* Sumi, M. 21136
Shinohara, S. *see* Suzuki, T. 16073
Shinohara, S. *see* Wu, Y. 38072
Shinohara, T., Tarui, Y. A theoretical study of the I-V characteristic distribution of polysilicon TFTs 2556
Shinohara, T. *see* Hatano, Y. 6217
Shinohara, T. *see* Kasezawa, T. 31010
Shinohara, T. *see* Nakai, T. 38272
Shinohara, Y. *see* Akiyama, M. 47649
Shinojima, Y. *see* Kawahashi, A. 33133
Shinojima, Y. *see* Nagao, M. 25919
Shinonaga, H. Effects of feedthrough in a SAW filter for BER performance of QPSK signals 10260
Shinonaga, H., Ito, Y. SAW filter matrix for SS/FDMA system 14537
Shinonaga, H. *see* Araki, N. 37947
Shinonaga, M. *see* Akei, M. 23104
Shinonaga, M. *see* Takeya, S. 46078
Shinonaga, M. *see* Wada, T. 46079
Shinozaki, K., Washio, S., Satomi, T., Koike, S. Verification test of a 25 kW class SOFC cogeneration system 16742
Shinozaki, K. *see* Takeuchi, S. 16741
Shinozaki, K. *see* Xu, C.Q. 3782
Shinozaki, S. *see* Matsumura, T. 1508
Shinozaki, Y. *see* Sannomiya, T. 16030
Shinozawa, K. *see* Deguchi, K. 45148
Shinozuka, T. *see* Nishikata, A. 4164
Shinozuka, T. *see* Shirakabe, Y. 23972
Shinriki, H. *see* Kaizuka, T. 42762
Shinriki, H. *see* Takeyasu, N. 42758
Shinsha, T. *see* Tandai, M. 10112
Shintaku, T., Uno, T., Kobayashi, M. Magneto-optic channel waveguides in Ce-substituted yttrium iron garnet 11709
Shintani, A. *see* Miyano, T. 33584
Shintani, T. *see* Tamagawa, T. 27561
Shinya, K. *see* Saito, K. 11497
Shinya, N. *see* Egashira, M. 9808
Shio, A. *see* Takahashi, Y. 22164
Shioda, K. *see* Ikeda, S. 25354
Shioda, S., Uose, H. Virtual path bandwidth control method for ATM networks: batch modification method 45433
Shioda, S. *see* Harada, N. 25358
Shioda, S. *see* Harada, N. 25827
Shioda, S. *see* Okamura, T. 25355
Shioda, S. *see* Okamura, T. 25825
Shioda, S. *see* Suekane, T. 8782
Shioda, S. *see* Yamamura, T. 25356
Shioda, S. *see* Yamasaki, H. 25824
Shioda, S. *see* Yoshikawa, K. 25353
Shioda, S. *see* Yoshikawa, K. 25363
Shiohara, M. *see* Kamada, H. 13589
Shioiri, T., Kamikawaji, T., Matsuo, K., Kaneko, E., Ohkawa, M., Ohshima, I. Breakdown characteristics under metallic particle contaminated conditions in vacuum gap 11332
Shiojiri, M. *see* Isshiki, T. 19317
Shiokawa, S. *see* Kondoh, J. 6412
Shiokawa, T. *see* Matsudo, T. 36178
Shiomi, M. *see* Koden, M. 11701
Shiomi, S. *see* Masuda, M. 28387
Shiomi, T., Hashimoto, K. Recognition of Japanese phonemes using a neural network with template units 13016
Shiomi, T., Wada, T., Ohbayashi, S., Ohba, A., Honda, H., Ishigaki, Y., Hine, S., Anami, K., Suzuki, K., Sumi, T. A 5.8-ns 256-Kb BiCMOS TTL SRAM with T-Shaped bit line architecture 41892
Shiomi, T. *see* Fukuhara, M. 9946
Shiomi, Y. *see* Koden, M. 11701
Shiono, K. *see* Suzuki, Y. 25586
Shiono, N., Itsumi, M. A lifetime projection method using series model and acceleration factors for TDDB failures of thin gate oxides 34641
Shiono, T. *see* Okazaki, T. 20312
Shionoya, K. *see* Saito, A. 23743
Shionoya, S. *see* Mita, Y. 3344
Shionozaki, A., Tokoro, M. Control handling in real-time communication protocols 30205
Shionozaki, A., Tokoro, M. A framework for a responsive network protocol for internetworking environments 30509
Shiori, T. *see* Kamikawaji, T. 32956
Shiosaki, T. *see* Ohki, M. 12333
Shiosaki, T. *see* Shimizu, M. 9689
Shiota, K. *see* Osaka, T. 48060
Shiota, K. *see* Tanaka, H. 20154
Shiotani, K. *see* Shimizu, K. 43064
Shiotani, T. Flat TVs eliminate wasted space, decorate walls with moving images 14775
Shiotari, Y. *see* Nii, M. 17889
Shiow-Hwa Lin, Sverdrup, L., Garner, K., Korevaar, E., Cason, C., Phillips, C. Electron beam activated diamond switch experiments 28628
Shioya, M. *see* Morinaga, S. 48430
Shioya, M. *see* Oosawa, H. 17019
Shioya, Y., Ichiriki, H., Ueda, M. Chassis dynamometer, MEIROLL-E 31484
Shioyama, T. Numerical 3-D shape inference from image brightness 36782
Shiozaki, M. *see* Nadahara, S. 2009
Shiozaki, Y. *see* Hanashima, S. 23949
Shiozawa, K. *see* Ikeda, S. 6273
Shiozawa, S. *see* Iwamoto, S. 13951
Shiozawa, T., Sato, T., Horinouchi, K. Improved characteristics of a Cherenkov laser loaded with a Kerr-like medium 43966
Shiozawa, T., Shibutani, M., Namiki, J. Upstream-FDMA/downstream-TDM optical fiber multiaccess network 6079
Shiozawa, T., Takahashi, S., Eda, M., Yazaki, A.P., Fujiwara, M. Demand assign wavelength division multiple access (DA-WDMA) hybrid optical local area network using optical add-drop multiplexers 45566
Shiozawa, T. *see* Horinouchi, K. 20920
Shiozawa, T. *see* Horinouchi, K. 20931
Shiozawa, T. *see* Shiragaki, T. 30860
Ship, V.V., Muravin, G.B., Lezvinskaya, L.M., Samoilova, I.S. An analysis of the acoustic and mechanical parameters describing the development of cracks caused by normal tearing and transverse shear in construction materials 9858
Shiping Cheng *see* Cheng Shiping
Shiping Gao *see* Jingjuan Zhang 3272
Shiping Shi *see* Shi Shiping
Shipp, D.D., Swartz, M.E., Vilcheck, W., Woodley, N.H. Expert system for analysis of electric power system harmonics 7830
Shippy, D. *see* Barreh, J. 41919
Shipton, M.S. Accreditation—the NAMAS viewpoint 38756
Shiptsov, V.V. *see* Babkin, A.F. 6820
Shipulin, A.V., Fursa, D.G., Golovchenko, E.A. Generation of high-repetition-rate CW fundamental bright and dark soliton trains in a varying dispersion fibre 35980
Shiqian Qi *see* Qi Shiqian
Shiqiao, Z., Shuming, T., Wanru, Z., Peisheng, Y., Jiying, C. Monolithic reactive ion etched groove-coupled-cavity AlGaAs/GaAs laser 12103
Shirae, K. *see* Ishihara, K. 15715
Shirafuji, J., Sugino, T. Surface modification and stabilization in GaAs and InP 2122
Shirafuji, J. *see* Hattori, R. 42994
Shirafuji, J. *see* Sugino, T. 27568
Shirafuji, J. *see* Sugino, T. 34900
Shirafuji, T., Wei-Ming Chen, Yamamuka, M., Tachibana, K. Monte-Carlo simulation of surface reactions in plasma-enhanced chemical vapor deposition of hydrogenated amorphous silicon thin films 9749
Shirafuji, Y. *see* Yoshikawa, M. 3281
Shiraga, H. *see* Nakajima, K. 7013
Shiragaki, T., Fujiwara, M., Suzuki, S., Nishio, M., Shiozawa, T. A novel optical cross-connect system using photonic switch matrices for flexible optical network reconfiguration 30860
Shiragaki, T. *see* Burke, C. 5679
Shiraha, M. *see* Kawamura, K. 25321
Shirahama, H., Taniguchi, K., Nakashi, K. A new fast pull-in PLL using frequency-difference-detector 26749
Shirahama, M., Nagao, K., Tokumitsu, E., Konagai, M., Takahashi, K. Characterization of carbon-doped GaAs grown by molecular beam epitaxy using neopentane as carbon source 18198
Shirai, G., Kutsukake, M., Takeuchi, S. Decentralized automatic generation control coordinating EDC and LFC 39548
Shirai, H. Higher frequency shifts of a surface vibration mode accompanied by native oxide growth on silicon in air 27724
Shirai, H., Drevillon, B., Layadi, N., Roca i Cabarrocas, P. In situ UV-visible and infrared ellipsometry study of the influence of silane dilution on the growth of hydrogenated amorphous silicon 41420
Shirai, H., Hirayama, K. Ray mode coupling analysis of plane wave scattering by a trough 29159
Shirai, H., Miya, K. Accuracy check of the GTD diffraction field by a conducting strip 4053
Shirai, H. *see* Fujiwara, H. 18174
Shirai, H. *see* Horie, H. 30365
Shirai, H. *see* Ossikovski, R. 42589
Shirai, H. *see* Solomon, I. 27764
Shirai, K. Estimation and generation of articulatory motion using neural networks 4502
Shirai, K., Kobayashi, T. Estimation and generation of articulatory motion using neural networks 13100
Shirai, K. *see* Hashimoto, K. 21692
Shirai, K. *see* Kobayashi, T. 44789
Shirai, K. *see* Saito, Y. 26964
Shirai, K. *see* Saito, Y. 27002
Shirai, S., Kimura, K., Irita, Y., Naito, N., Serikawa, T., Kohda, S., Yamauchi, N., Yamaguchi, M. Optical beam shifter module with high extinction ratio for 1024-input-port optical switching network 5674
Shirai, S. *see* Okamura, M. 43676
Shirai, S. *see* Oku, K. 27438
Shirai, S. *see* Yamaguchi, M. 5678
Shirai, S. *see* Yamaguchi, M. 45729

Shirai, T., Dewa, H., Fujita, H., Iwashita, Y., Kakigi, S., Okamoto, H., Noda, A., Inoue, M. Performance of the RFQ and Alvarez linac at Kyoto University 15305
Shirai, T., Esashi, M., Ura, N. A two-wire silicon capacitive accelerometer 6465
Shirai, T. *see* Noda, A. 7469
Shirai, Y., Arakawa, H., Toda, N., Taneda, Y., Sakura, K. Active vibration control for aircraft wing 7524
Shirai, Y., Otsuka, K., Araki, T., Seki, I., Kikuchi, K., Fujita, N., Miwa, T. High reliability wire bonding technology by the 120 KHz frequency of ultrasonic 10595
Shirai, Y. *see* Chen, H.-J. 22165
Shirai, Y. *see* Gu, H. 13588
Shirai, Y. *see* Hild, M. 29993
Shirai, Y. *see* Nakamura, T. 13593
Shirai, Y. *see* Nitta, T. 17413
Shiraishi, H. *see* Sakamizu, T. 27962
Shiraishi, H. *see* Yoshimura, T. 27881
Shiraishi, K., Hatakeyama, H., Ishibashi, N., Matsumura, K. Metal/semiconductor compound ultrathin films for laminated optical polarizers 35544
Shiraishi, K., Yanagi, T., Kawakami, S. Light-propagation characteristics in thermally diffused expanded core fibers 43393
Shiraishi, K. *see* Kodama, R. 14351
Shiraishi, K. *see* Matsumura, K. 27154
Shiraishi, K. *see* Okamoto, Y. 20161
Shiraishi, K. *see* Tomabechi, Y. 10424
Shiraishi, S. *see* Kanamura, K. 48063
Shiraishi, S. *see* Kuribayashi, S. 22664
Shiraishi, T. *see* Tsuchiya, T. 14512
Shiraishi, Y., Sakemi, J., Fukuda, K. A global routing algorithm based on the multi-commodity network flow method 18420
Shirakabe, Y., Ikeda, N., Ohkawa, S., Nomura, T., Shinozuka, T. Bunching of radioactive ion beam in the millisecond region—a pulsed gating-potential method in an ion source for on-line isotope separation 23972
Shirakami, H. *see* Inami, S. 2860
Shirakashi, J., Yoshioka, R.T., Miyano, A., Konagai, M., Takashahi, K. Effect of the addition of an elemental Ga flux on the metalorganic molecular beam epitaxial growth of heavily carbon-doped InGaAs 41332
Shirakashi, J. *see* Ming Oi 9581
Shirakashi, J. *see* Qi Ming 18172
Shirakashi, J. *see* Qi Ming 26441
Shirakata, M. *see* Kurano, M. 19169
Shirakata, S. *see* Gupta, A. 33685
Shirakawa, I. *see* Choi, H. 1139
Shirakawa, I. *see* Choi, H. 18618
Shirakawa, I. *see* Higashiyama, Y. 37179
Shirakawa, I. *see* Seko, T. 1140
Shirakawa, I. *see* Shigehiro, Y. 2616
Shirakawa, I. *see* Shigehiro, Y. 34014
Shirakawa, M., Fukuda, Y., Ozeki, S. Measurement of angle of arrival by small circular array antenna for aircraft 29370
Shirakawa, M., Tachibana, T. Recent and future technology of digital video effects 38263
Shirakawa, O. *see* Higuchi, M. 22364
Shirakawa, S. *see* Yamazaki, T. 17130
Shirakawa, T. Highly dense, highly efficient SMD placement technology 27367
Shirakawa, T., Matsuda, S., Fukushima, A. Characterization of NiO/YSZ electrode by temperature-programmed reduction 17356
Shirakawa, T., Shimono, T., Kitajima, H., Ogawa, Y. SAR image reconstruction using a Kalman filter 46076
Shirakawa, T. *see* Ebitani, K. 37009
Shirakawa, T. *see* Hara, O. 10608
Shirakawa, Y. *see* Kawashima, T. 45070
Shiraki, H., Ito, A., Usami, A., Ichimura, M., Wada, T. Contactless characterization of the surface condition of sulfur-treated semi-insulating GaAs 34731
Shiraki, K. *see* Ohashi, M. 2968
Shiraki, K. *see* Tsujikawa, K. 35303
Shiraki, Y. Si-Ge heterostructures and their device applications 34580
Shiraki, Y., Fukatsu, S., Fujita, K., Usami, T., Nayak, D.K., Sunamura, H., Ito, R. Formation of high quality SiGe/Si heterostructures 19399
Shiraki, Y. *see* Fujita, K. 690
Shiraki, Y. *see* Fukatsu, S. 41363
Shiraki, Y. *see* Kato, Y. 3357
Shiraki, Y. *see* Kato, Y. 35592
Shiraki, Y. *see* Kato, Y. 41366
Shiraki, Y. *see* Kuwano, N. 26444
Shiraki, Y. *see* Miyoshi, S. 18167
Shiraki, Y. *see* Nagahara, M. 41314
Shiraki, Y. *see* Takahashi, Y. 19389
Shiraki, Y. *see* Usami, N. 9514
Shiraki, Y. *see* Usami, N. 41265
Shiraki, Y. *see* Usami, N. 41342
Shirakura, T. *see* Seki, H. 35938
Shiralagi, K. *see* Maracas, G.N. 33602
Shiralagi, K.T. *see* Maracas, G.N. 746
Shiralkar, B.S. *see* Takeuchi, Y. 32590
Shiramizu, K. *see* Ito, H. 46164
Shiran, S., Reiser, B., Cory, H. A probabilistic method for the evaluation of coupling between transmission lines 12646
Shiran, S. *see* Cory, H. 36228
Shirani, A.R. *see* Arabani, M.P. 16288
Shirao, Y. *see* Tsubata, T. 20206
Shirasaki, H., Kondo, N., Abematsu, A. Delay properties of optical wave in semiconductor trench for depth measurement using interference spectroscopy 1981
Shirasaki, M. *see* Doerr, C.R. 20755
Shirasaki, M. *see* Doerr, C.R. 28465
Shirasaki, T., Aoki, T., Endo, T., Konishi, T., Kajiwara, Y., Kato, T., Utsunomiya, M. Development of power system outage scheduling system in central dispatching center 24810
Shirasu, K. *see* Fujimoto, R. 25964
Shiratake, S.-I. *see* Hasegawa, T. 26920
Shiratake, S.-i. *see* Hasegawa, T. 26952
Shiratori, A. *see* Takagi, H. 17278
Shiratori, N. *see* Jokanovic, D. 30553
Shiratori, N. *see* Okazaki, N. 5236
Shiratori, Y. *see* Eguchi, F. 37637
Shirayama, S. *see* Kimura, H. 35684
Shirazi, B. *see* Johnson, K.T. 26778
Shirkoohi, G.H. *see* Kostic, M.B. 25016
Shirkoohi, G.H. *see* Liu, J. 43248
Shirley, C.G., De Guzman, M.S. Moisture-induced gold ball bond degradation of polyimide-passivated devices in plastic packages 33400
Shirley, D.A. *see* Reich, T. 7307
Shirley, L.G., Lo, P.A. Bispectral analysis of the wavelength dependence of speckle: remote sensing of object shape 44171
Shirmanova, S.I. *see* Alekseev, G.A. 32093
Shirmanova, S.I. *see* Sinitskii, V.B. 32094
Shirogami, T. *see* Yamawaki, K. 47209
Shirokov, A.M. *see* Borzdov, V.M. 34491
Shirokov, V.V. *see* Arapov, L.N. 15283
Shiroma, T. *see* Uezato, K. 47392
Shirong Mei *see* Cantao Zhuang 15973
Shirong Zu *see* Chunhui Yan 42523
Shirota, R. *see* Aritome, S. 41883
Shirota, R. *see* Hemink, G. 42580
Shirota, S. *see* Abe, N. 33137
Shiroto, S. *see* Shinbo, M. 30458
Shirrod, T.S. *see* Neumann, C.C. 3945
Shirshige, M. *see* Yamane, M. 19162
Shirt, D.G. Mercury's international network—from birth to 'maturity' 37258
Shirts, R.B. The computation of eigenvalues and solutions of Mathieu's differential equation for noninteger order 613
Shirts, R.B. MTIEU1 and MTIEU2: two subroutines to compute eigenvalues and solutions to Mathieu's differential equation for noninteger and integer order 614
Shirvaikar, M.V., Trivedi, M.M. Neural network filter for target detection in high-clutter imagery 21923
Shirvani, H. *see* Hardisty, H. 34324
Shiryaev, S.Y., Fyhn, M., Nylandsted Larsen, A. Solid phase epitaxy of relaxed, implantation-amorphized $Si_{1-x}Ge_x$ alloy layers grown on compositionally graded buffers 18164
Shiryaev, S.Y. *see* Thomsen, E.V. 42632
Shisheng Chen *see* Yingxin Bai 11913
Shisheng Cheng *see* Cheng Shisheng
Shishenya, L.E. *see* Eremin, A.G. 24439
Shishido, A., Yanai, Y., Aibara, N., Dohke, H., Tokutome, K., Kamada, A. 41 cm (17-inch) full-scale color display tube 23827
Shishido, T., Akai, K., Kako, E., Kubo, K., Noguchi, S. Operating status of the TRISTAN superconducting RF system 15356
Shishido, T. *see* Kako, E. 15505
Shishigin, R.V. *see* Babkin, A.F. 6820
Shishikui, Y. Coding of motion compensation prediction error signal 45066
Shishkin, V.A. *see* Zhuravleva, O.V. 43902
Shishlyannikov, P.T. *see* Onischenko, L.M. 15569
Shishov, N.I. *see* Afanasiadi, L.Sh. 7197
Shitara, T., Kaneko, T., Vvedensky, D.D. Precursor-mediated epitaxial growth of GaAs(001) from triethylgallium: where is the gallium released? 9610
Shitara, T. *see* Joyce, B.A. 33615
Shitara, T. *see* Yvedensky, D.D. 9593
Shitong Wang *see* Wang Shitong
Shitov, S.V. *see* Koshelets, V.P. 10492
Shiu, J., Wu, J.-L. Extension of the BCH decodable class of DCT codes 12837
Shiuan Huei Lin *see* Hsu, K.Y. 20485
Shiuan-Huei Lin *see* Hsu, K.Y. 11771
Shiue, Y.S. *see* Kao, C.H. 878
Shiue Sham-Tsong *see* Sham-Tsong Shiue
Shiuh-Ren Yih *see* Der-Feng Guo 28220
Shiuh-Yung Chen, Wei-Chung Lin, Chin-Tu Chen Evidential reasoning based on Dempster-Shafer theory and its application to medical image analysis 31847
Shiunn-Jang Chern, Chih-Yuan Sung, Kai-Ping Yang The transformed domain hybrid adaptive beamformer for multiple jammers suppression 38173
Shiva, M. *see* Hamidi-Hashemi, H. 10253
Shiva Kumar, B. *see* O'Brien, E. 31743
Shive, S.F. *see* Eisenberg, J.H. 34754
Shive, W. *see* Mori, E.J. 1833
Shively, D.G., Bailey, M.C., Cockrell, C.R., Deshpande, M.D. Scattering from microstrip patch antennas using subdomain basis functions 29317
Shiwa, S. *see* Nakazawa, K. 15139
Shiwen Shi Analysis of microcomputer based loss-of-field protection for large generators 8272
Shiwen Shi *see* Shi Shiwen
Shixin, Y. *see* Xingliang, H. 15034
Shixin Yuan *see* Yuan Shixin
Shixiu Kang *see* Kang Shixiu
Shiyan Pei Power density management in CRT drivers on thin film substrate 23813
Shiyi Mao *see* Pinxing Lin 21736
Shiying Lin *see* Lin Shiying
Shiying Wang *see* Wang Shiying
Shiyong Liu *see* Liu Shiyong
Shiyong Lui *see* Lui Shiyong
Shiyuan Zhang *see* Peiheng Wu 35272
Shizawa, H. *see* Yamashita, A. 35045
Shizawa, M. Transparency in 3-D motion vision—quasi-optimal, linear algorithm from point correspondences in two perspective views 45246
Shizawa, M. *see* Iso, T. 30095
Shizawa, M. *see* Kato, J. 20499
Shizhang Xu *see* Xu Shizhang
Shizhong Xie *see* Bo Sun 3659
Shizhong Xie *see* Hanyi Zhang 3717
Shizhong Xie *see* Shouhua Huang 30782
Shizhong Xie *see* Yanjie Chai 3718
Shizhong Xie *see* Xie Shizhong
Shizhong Yang *see* Yang Shizhong
Shizhuo Yin *see* Chii-Maw Uang 20292
Shizhuo Yin *see* Yu, F.T.S. 36041
Shizuma, K., Haruna, Y., Fukami, K., Iwatani, K., Hasai, H. Low-background γ-ray spectrometer of radioisotope central laboratory and its application to the measurement of radon concentration in water 15686
Shizuno, H., Kusumi, S., Saito, H., Kishi, H. Properties of Y5V multilayer ceramic capacitors with nickel electrodes 10528
Shizuya, H., Itoh, T. A note on AM languages outside NPUco-NP 36576
Shizuya, H., Koyama, K., Itoh, T. Demonstrating possession without revealing factors 36573
Shizuya, H. *see* Itoh, T. 12889
Shkerdin, G. *see* Stiens, J. 3141
Shkerdin, G.N. *see* Kotov, V.M. 3245
Shkerdin, G.N. *see* Nemova, G.A. 11626
Shkitin, V. *see* Kiselyov, B. 11570
Shkitin, V. *see* Kulakov, N. 11563
Shklyar, D. *see* Oraevsky, V. 21260
Shkolnik, S.M. *see* Baksht, F.G. 38823
Shkolnikov, P.L., Kaplan, A.E., Lago, A. Phase matching for large-scale frequency upconversion in plasma 3781
Shkumbatiuk, P.S. *see* Khlyap, G.M. 10720
Shkunov, V.V. *see* Bogodaev, N.V. 21038
Shkunov, V.V. *see* D'yakov, V.A. 21050
Shkunov, V.V. *see* Korol'kov, S.A. 21051
Shkuratov, S.I. A high-T_c superconducting thin-film switch controlled by a field-emitted electron beam 28418
Shkuratov, S.I. *see* Shilimanov, S.N. 1013
Shkurin, A.N. *see* Sobolenko, N.A. 25093
Shkvarunets, A.G. *see* Kuzelev, M.V. 34476
Shkwar, A. *see* Popov, M. 21934
Shlager, K.L., Maloney, J.G., Ray, S.L., Peterson, A.F. Relative accuracy of several finite-difference time-domain methods in two and three dimensions 36164
Shlager, K.L., Ray, S.L., Maloney, J.G., Peterson, A.F. Conditions for the equivalence of the Chen and Yee FDTD algorithms 41220
Shlager, K.L. *see* Maloney, J.G. 44636
Shlapakovskii, A.S. High-current Cherenkov masers: generation in the intense beam operation regime and potential for ultrawideband amplification 28687
Shleenkov, A.S. *see* Popov, A. 18356
Shlegel, V.Ya., Mozhenin, V.B., Trubekhin, E.R. The design of the coupling components of a resonance-type waveguide divider-adder 18977
Shlenov, S.A. *see* Kandidov, V.P. 28939
Shlifer, A. *see* Mesh, M. 28958
Shloma, A.M., Kreindelin, V.B., Terekhov, A.L. Algorithm for filtering the path of a maneuvering object 23135
Shlopak, N.V. *see* Ulyashin, A.G. 34503
Shlyagin, M. *see* Khomenko, A. 15068
Shlyagin, M. *see* Khomenko, A. 31245
Shlyakhin, V.M., Karkotskiy, V.L. Minimization of target search duration by radar 14683
Shlyakhin, V.M. *see* Karkotskiy, V.L. 16097
Shlyakhter, M.Z. *see* Gordeyev, A.P. 10632
Shlyakhter, M.Z. *see* Lazerson, A.G. 19309
Shlygin, O.Yu. *see* Bondarev, B.I. 46760
Shlykov, G.P. *see* Danilov, A.A. 1289
Shlyonov, S.A. *see* Kochetkova, A.M. 21049
Shmaenok, L., Bijkerk, F., Louis, E., van Honk, A., van der Wiel, M.J., Platonov, Yu., Shevelko, A., Mitrofanov, A., Frowein, H., Nicolaus, B., Voss, F., Desor, R. Issues of laser plasma sources for soft X-ray projection lithography 28026
Shmaenok, L. *see* Bijkerk, F. 11999
Shmaenok, L. *see* Louis, E. 26510
Shmakov, K. *see* Young, K.G. 7242
Shmakov, S.Yu. *see* Barashenkov, V.S. 15613
Shmal'gauzen, V.I. *see* Koryabin, A.V. 28771
Shmalii, Yu.S. *see* Roman'ko, V.N. 20111
Shmartsev, Yu.V. *see* Averin, S.V. 43629
Shmartsev, Yu.V. *see* Ber, B.Ya. 33624

Shmartsev, Yu.V. *see* Le Tuan 2015
Shmerko, V.P., Yanushkhevich, S.N., Kochergov, E.G. Systolic arrays for binary image processing by using Boolean differential operators 36854
Shmidt, N.M. *see* Ber, B.Ya. 42635
Shmoys, J. *see* Cheo, B.R. 6953
Shmulevichb, I. *see* Mizrach, A. 44188
Shmulovich, J. *see* Nykolak, G. 11650
Shmulovich, J. *see* Nykolak, G. 35447
Shmykov, V.N. *see* Konyashenko, E.A. 12737
Shneerson, G.A. *see* Bocharov, Yu.N. 8522
Shneiderman, B. Education by engagement and construction: experiences in the AT&T Teaching Theater 37439
Shnitkin, H. High integrity, phase shift activated microwave switching system [for MLS antenna switching] 29399
Shnitnikov, A.S. *see* Buzylev, N.V. 14385
Sho-se Hayashi Electromagnetic field measurement and numerical analysis for EMC problems 21283
Shoaee, H. *see* Himel, T. 6991
Shoaf, S.E., Feinerman, A.D. Aligned Au-Si eutectic bonding of silicon structures 27581
Shobatake, Y. Barrel switch: an ATM switch architecture for high-speed switching 22730
Shober, R.A. *see* Chang, J.J.C. 22855
Shochet, E. FAA's design approach to a global data link system 37885
Shoemaker, R., Hara, K., Lee, C., Rettig, T. Tubemod—a method for extending life and reliability of superheaters and reheaters 16633
Shoemaker, R.L. *see* Rogulski, M.M. 15745
Shoemaker, S.W. *see* Custer, W.D. 41030
Shogen, K., Nishida, H. Contoured-beam antenna using smoothly shaped dual reflectors for broadcasting satellites 5852
Shoham, B. *see* Willner, I. 46521
Shohdohji, T. *see* Kutsuwada, N. 15188
Shoisaki, T. *see* Shih, W.-C. 20120
Shoja, G.C. *see* Byrne, R. 33816
Shojaei, M., Bolorizadeh, M.A., Bahram-pour, A.R., Rahnama, M., Mehdizadeh, E. Effect of nozzle shape on small signal gain in gasdynamic laser 20622
Shojai, A., Saadat, A.R., Bahram-pour, A.R., Bolorizadeh, M.A. Gain and output power calculation in plasma injection laser 11976
Shoji, H., Otsubo, K., Matsuda, M., Ishikawa, H. 160°C CW operation of InGaAs/GaAs vertical cavity surface emitting lasers 43837
Shoji, H. *see* Inagaki, Y. 8090
Shoji, K. Periodical pasting of texture images using DP 45107
Shoji, M., Takahashi, K., Hanamoto, K., Tsuji, H., Tsubakihara, M., Nakabayashi, T., Tsuchida, K., Okada, N., Nakano, H., Furuta, K., Ono, R., Nakayma, Y., Miyake, Y. Disktron accelerator 7121
Shoji, M. *see* Hirata, J. 31356
Shoji, M. *see* Tanimoto, M. 34088
Shoji, T., Ohba, K., Onabe, H., Suehiro, T., Hiratate, Y. Properties of CdTe(Cl) crystal used for radiation detector 7303
Shoji, T. *see* Nakajima, K. 7013
Shokalo, V.M. Analysis and design of DC power combiners for rectennas. I. Efficiency of combiners with the power rectifier modules connected in series or in parallel 29355
Shokalo, V.M. *see* Luchaninov, A.I. 29356
Shokalo, V.M. *see* Naryzhnaya, V.V. 32384
Shokhor, S. *see* Gurvitch, M. 35270
Shoki, H., Kawabata, I. A multiple shaped beam antenna using a single shaped reflector 29342
Shoki, H., Kawabata, K., Morooka, T. A pattern synthesis method for multibeam reflector antennas 36407
Shoki, H. *see* Iwasaki, H. 4264
Shoki, H. *see* Tsuzuku, A. 29314
Shokr, M. *see* Ramsay, B. 32104
Shokr, M.E. *see* Barber, D.G. 32080
Shokri, E. *see* Kim, K.H. 45582
Shokrolla, S.S., Twieg, N.T., Sharaf, A.M. A photovoltaic powered separately excited DC motor drive for rural/desert pump irrigation 9062
Sholl, H.A., Pia, P.J. End-to-end performance control for distributed real-time systems 22366
Sholley, M. *see* Huei Wang 34274
Sholtys, R. *see* Bebek, C.J. 31786
Shomaly, R. *see* Wade, V. 14034
Shomura, K. *see* Kobayashi, T. 46208
Shon, J.W., Kushner, M.J. Excitation mechanisms and gain modeling of the high-pressure atomic Ar laser in He/Ar mixtures 35677
Shon, J.W. *see* Hebner, G.A. 11937
Shono, K. *see* Cong-Kha Pham 18418
Shono, M. *see* Hamada, H. 12172
Shook, R.L., Conrad, T.R. Accelerated life performance of moisture damaged plastic surface mount devices 34396
Shooman, M.L. A study of occurrence rates of EMI to aircraft with a focus on HIRF 39135
Shooman, M.L., Sforza, P.M. Dormancy effects on the reliability of Nuclear Thermal Propulsion systems for long-term manned space missions 7561
Shoon, S.Y., Wan, S.W.S., Nguyen, H.T. A novel approach to the design of a Wilson referenced ECG amplifier 47081
Shoon Chan Toong *see* Toong Shoon Chan
Shoop, B.L. Second-order cascaded optical error diffusion modulators for oversampled analog-to-digital converters 1286
Shoop, P.R. IBEW experience with the twelve hour shift 33455
Shor, A. *see* Baur, R. 46897
Shor, A. *see* Baur, R. 46911
Shor, A.F. *see* Ganezer, K.S. 46941
Shor, J.S., Kurtz, A.D. Photoelectrochemical etching of 6H-SiC 42677
Shor, J.S., Weber, R.A., Provost, L.G., Goldstein, D., Kurtz, A.D. High temperature ohmic contacts for n-type β-SiC sensors 10747
Shor, J.S., Weber, R.A., Provost, L.G., Goldstein, D., Kurtz, A.D. High temperature ohmic contact metallizations for n-type 3C-SiC 34848
Shor, S.W.W., McKee, T.M. Desirable features in cycling combined cycle plants 32762
Shore, K.A. *see* Avrutin, E.A. 12131
Shore, N. *see* Adam, P. 47427
Shorey, J.A., Nolte, L.W. A posteriori probability source localization with uncertain mesoscale eddy currents 4662
Shorrocks, N.M. *see* Patel, A. 11448
Shorrocks, N.M. *see* Tossell, D.A. 35201
Shorrocks, N.M. *see* Whatmore, R.W. 28303
Short, B.R., Grisell, T.L., Cristal, E.G. Broadband fundamental frequency synthesis from 2 to 20 GHz 19014
Short, C.S. *see* George, A.D. 44916
Short, J. *see* Cosgrove, M. 22902
Short, K. *see* Miller, B. 42658
Short, K.T. *see* Liddle, J.A. 11001
Short, K.T. *see* Radermacher, K. 10741
Short, R.D. *see* Micallef, S.P. 41756
Short, R.T. *see* Xie, Z. 5192
Short, R.W. *see* Soures, J.M. 3410
Short, T.A., Burke, J.J., Mancao, R.T. Application of MOVs in the distribution environment 47581
Short, T.A. *see* Anderson, J.G. 24597
Short, T.A. *see* McDermott, T.E. 47579
Shotov, A.P. *see* Bryanov, D.I. 1931
Shott, J.D. *see* Faheem Akram, M. 19826
Shou Wei Hsieh, Chun Yen Chang, Yeong Shyang Lee, Chiung Wei Lin, Biing Sheng Wu, Hsiung Kuang Chen Ambipolar performances of novel amorphous silicon-germanium alloy thin-film transistors 2511
Shou Xian She Metal-clad optical polarizers: perturbation analysis 28455
Shou Xian She, Feng Chao Xie Propagation characteristics and loss of metal-clad graded index optical waveguides 3115
Shou-Guang Zhou *see* Zhou Shou-Guang
Shou-Kuo Shao, Ming-Seng Kao WDM coding for high-capacity lightwave systems 38070
Shou-Kuo Shao *see* Ming-Seng Kao 30714
Shou-Wan Kang Light waves in homogeneous-index slab tapers 3144
Shou-Xun Jiang *see* Jiang Shou-Xun
Shou-Zen Chang, Si-Chen Lee, Hung-Pin Shiao, Wei Lin, Yuan-Kuang Tu Novel binary buffer layers for applications in the heteroepitaxy of highly mismatched $In_{0.53}Ga_{0.47}As$ epilayers grown on GaAs substrates 678
Shoubao Yang *see* Lein Harn 21572
Shoubin Zhang *see* Zhang Shoubin
Shoubridge, P. *see* Palmer, R. 30531
Shoubridge, P.J., Hogg, S.E. Port controller implementation for the Telecom/DSTO Research ATM Network 37672
Shoubridge, P.J. *see* Kirkham, D.O. 37161
Shoucair, F.S., Patterson, W.R. Analysis and modeling of nonlinearities in VLSI MOSFETs including substrate effects 11315
Shoucri, M., Davidheiser, R., Hauss, B., Lee, P., Mussetto, M., Young, S., Yujiri, L. A passive millimeter wave camera for landing under low visibility conditions 47189
Shoucri, M.M. *see* Hinkel-Lipsker, D.E. 4119
Shough, D. *see* Gal, G. 43491
Shouhua Huang DFB-LD modules with 4.7 GHz FM bandwidth 28841
Shouhua Huang, Shizhong Xie, Bingkun Zhou, Yizhi Gao Crosstalk performance of optical WDM systems 30782
Shouji, H., Kobayashi, T., Nagao, T. Enhanced inservice inspection system for BWR plant 8089
Shoults, R. *see* Ghoshal, K. 7875
Shouron Hu *see* Dai Kui 5024
Shousong Wu *see* Wu Shousong
Shouyi Xu *see* Xu Shouyi
Shouzeng Zhou *see* Jifan Hu 35223
Show-An Chen, Yih Fang Polyaniline Schottky barrier: effect of doping on rectification and photovoltaic characteristics 10754
Show-Ru Wang *see* Wu, S.-T. 3218
Showe, S.K. *see* Raglin, K.A. 16586
Showers, R.M. Influence of IEC work on national electromagnetic compatibility standards 44418
Shozi, T. *see* Hanashima, S. 23949
Shpak, L.A. *see* Belozerov, V.V. 27322
Shpak, V.G. *see* Yalandin, M.I. 27431
Shpectorov, S.V. *see* Munemasa, A. 9408
Shpenik, O.B. *see* Romanyuk, M.I. 36120
Shper, V.L. Dissipation in power semiconductor devices—the development of the magic of I^{1+N} 2407
Shpilevoi, V.A. *see* Salmanov, F.K. 25978
Shpinar, L.I. *see* Shakhovtsova, S.I. 1865
Shrader, M. *see* Loring, C., Jr. 10614
Shrager, A. High voltage current mode controlled TWT power supply design simulation and implementation 42371
Shragowitz, E. *see* Sutanthavibul, S. 18576
Shramenko, M.V., Yakubovich, S.D. Generation of high-energy subnanosecond light pulses through direct current modulation of heterostructure lasers 12138
Shramm, C. *see* Kunzel, H. 9639
Shrestha, A. *see* Sadananda, R. 33840
Shrestha, G., Rahman, S. Estimation of electric vehicle load and analysis of its impact on the distribution system 7890
Shreter, Yu.G. *see* Rebane, Yu.T. 48114
Shreve, D. *see* Holslin, D. 24076
Shridhar, L., Singh, B., Jha, C.S. Self regulation in capacitor excited induction generator 8409
Shridhar, M. *see* Erfani, S. 18869
Shridhar, M. *see* Khasnabish, B. 5222
Shrikhande, N., Getzinger, J. Fusion of symbolic and feature information for high level object recognition 5064
Shrikhande, N. *see* Coutts, B. 4917
Shrikhande, N. *see* Hu, G. 36952
Shrimpf, R.D. *see* Kosier, S.L. 34922
Shrimpton, D., Watson, B.D. Comparison of recurrent neural network architectures for speaker verification 13040
Shrimpton, D. *see* Downs, T. 4552
Shrinet, V. *see* Falnikar, S.M. 16373
Shringi, S.N. *see* Ramamurthy Acharya, B. 41430
Shrivastava, K.N. The electric field effect in a superconducting film device 2916
Shrivastava, P.K., Saxena, R., Khajanchee, A., Pauddar, C.M. New control scheme of a three phase to single phase cycloconverter circuit 9968
Shrivastava, R.P. *see* Kumar Rastogi, A. 3103
Shrivastava, R.P. *see* Kumar Rastogi, A. 6760
Shrivastava, S. *see* Khare, P.K. 43212
Shrivastava, U.A., Valetine, W., Mahalingam, M. Relative figures of merit for chip-to-MCM substrate interconnection methods 19275
Shrivastawa, M. *see* Allstot, D.J. 18895
Shriver, E.J., Sakallah, K.A. Ravel: assinged-delay compiled-code logic simulation 26871
Shrom, M.Yu. *see* Shul'gin, B.V. 46882
Shrout, T.R. *see* Hackenberger, W.S. 17861
Shrout, T.R. *see* Turner, R.C. 39413
Shrouty, S.D. *see* Prasad, M. 47493
Shtark, M.B. *see* Frumin, L.L. 24276
Shtark, M.B. *see* Safronova, O.G. 23734
Shtarkov, Y.M. *see* Tjalkens, T.J. 12877
Shtarkov, Y.M. *see* Willems, F.M.J. 12876
Shtefan, V.V. *see* Ganefeld, R.W. 25728
Shtein-Margolina, V.A. *see* Artyushenko, V.G. 20317
Shteinberg, I.S., Shchepetkin, Y.A. Special features of 3-D optical binary data recording 28435
Shtengel, G., Temkin, H., Brusenbach, P., Uchida, T., Kim, M., Parsons, C., Quinn, W.E., Swirhun, S.E. High-speed vertical-cavity surface emitting laser 44021
Shtengel, G., Temkin, H., Uchida, T., Kim, M., Brusenbach, P., Parsons, C. Spontaneous emission factor and its scaling in vertical cavity surface emitting lasers 35858
Shtengel, G. *see* Brusenbach, P. 28820
Shtern, A.M. *see* Badalyan, V.G. 18346
Shtern, A.M. *see* Badalyan, V.G. 18388
Shteynberg, A.L. *see* Groznetskiy, B.N. 29619
Shtrikman, H. *see* Brill, B. 42426
Shtrikman, H. *see* Ramon, A. 19564
Shtrobel, V.A. *see* Litkens, I.V. 24814
Shtygashev, A.A. *see* Borynyak, L.A. 12436
Shtykov, V.V. *see* Kuzyakin, S.P. 11442
Shu, C. *see* She, T.C. 26782
Shu, C.-F. *see* Morris, T.M. 412
Shu, C.F. *see* Swanberg, D. 5337
Shu, H. *see* Johnson, C.A. 31841
Shu, J. *see* Garza, C.M. 11026
Shu, L.-L. *see* Seno, K. 26923
Shu, L.-L. *see* Seno, K. 34047
Shu, Q.S. *see* Padamsee, H. 15428
Shu, S., Goggans, P.M., Kiskh, A.A. Computation of cutoff wavenumbers for partially filled waveguide of arbitrary cross section using surface integral formulations and the method of moments 21335
Shu, W.-Q. Dynamic weighing under nonzero initial conditions 15221
Shu, W.K. Rapid wire bond optimization methodology 1767
Shu Chaosheng *see* Chaosheng Shu
Shu Chi-Wang *see* Chi-Wang Shu
Shu Fun Luk *see* Le Nguyen Binh 43399
Shu Han *see* Han Shu
Shu Lichun *see* Zhang Jianhui 7984
Shu Lin *see* Morelos-Zaragoza, R.H. 44712
Shu Peicai *see* Liu Chengze 25740

Shu Qin, Chung Chan An evaluation of contamination from plasma immersion ion implantation on silicon device characteristics 42656
Shu Wuda *see* Zheng Fang 18309
Shu Xiaojian *see* Xiaojian Shu
Shu Ying Li *see* Li Shu Ying
Shu Yuan, Springholz, G., Bauer, G., Kriechbaum, M. Electronic and optical properties of $PbTe/Pb_{1-x}Eu_xTe$ multiple-quantum-well structures 42494
Shu Yuan *see* Springholz, G. 9666
Shu Zongxun, Cai Ticheng, Yuan Yongjiu, Shi Jianming, Wu Jiahe, Jin Ming, Li Gengxin, Ding Lie, Zhao Yangpin Experimental investigations of SMS coal-fired MHD boiler 25352
Shu-Fang Xu A stability analysis of the Jacobi matrix inverse eigenvalue problem 33537
Shu-Ho Dai An experimental study of assessment of weld quality on fatigue reliability analysis of a nuclear pressure vessel 32585
Shu-Hsia Chen, Tien-Jung Chen Observation of mode selection in a radially anisotropic cylindrical waveguide with liquid-crystal cladding 43428
Shu-Hua Lung *see* Wu, S.-T. 3218
Shu-Hua Ye *see* Ye Shu-Hua
Shu-Huei Hsieh *see* Hong-Ming Lin 9799
Shu-Ling Liao, Olson, C.L. Computerization of a PARC174A polarographic analyzer 6310
Shu-Nian Yang *see* Yang Shu-Nian
Shu-Ta Hsieh *see* Bi-Shiou Chiou 41454
Shu-Wen Cao *see* Cao Shu-Wen
Shu-Yi Zhang *see* Yue-Sheng Lu 3766
Shu-Yuan Ma *see* Ma Shu-Yuan
Shu-Zi Yang *see* Yang Shu-Zi
Shuang, L. *see* Xiaowei, W. 11924
Shuang Liang *see* Liang Shuang
Shubair, R.M., Chow, Y.L. A closed-form solution of vertical dipole antennas above a dielectric half-space 36395
Shubert, F. *see* Feryance, D. 19214
Shubin, N.N. *see* Egorov, V.S. 20656
Shubin Han *see* Han Shubin
Shubing Yang *see* Yang Shubing
Shubinsky, G. *see* Kwan-Hwa Jan 46310
Shubnikov, E.I. Analytical method in image correlation 21931
Shubnikov, E.I. *see* Pavlov, A.V. 36076
Shubochkin, R.L. *see* Andreev, A.Ts. 15051
Shubochkin, R.L. *see* Basiev, T.T. 43807
Shucheng Yang *see* Yang Shucheng
Shuchman, R.A., Rufenach, C.L., Johannessen, O.M. Extraction of marginal ice zone thickness using gravity wave imagery 32109
Shude Yao *see* Yao Shude
Shudong Liu *see* Liu Shudong
Shue Jin-Sen *see* Jin-Sen Shue
Shufan Cui *see* Jianhua Li 10714
Shug-June Hwang, Wei-Yu Lee Analysis of optically induced drift effects in tapered optical couplers 3088
Shug-June Hwang *see* Sung-Yuen Wang 43435
Shugrue, J.K. *see* Uram, K.J. 18254
Shugurov, V. *see* Burneika, I. 43537
Shuh, D.K., Lo, C.W., Yarmoff, J.A., Santoni, A., Terminello, L.J., McFeely, F.R. Chlorine chemisorption on and the onset of etching of cleaved GaAs(110) at room temperature 34697
Shuh, H.M., Cowan, J.R. Undervoltage load shedding—an ultimate application for voltage collapse 32315
Shuhe Wang *see* Wang Shuhe
Shuheng Bian, Jingrong Yi, Liangxian Gong, Yueming Ge, Guofu Lu, Xingli Tang Frequency stabilization of a multimode pulsed dye laser 43748
Shuhong, H. *see* Qishan, G. 25443
Shui, X., Chung, D.D.L., Frysz, C.A. Hairy carbon electrodes studied by cyclic voltammetry and battery discharge testing 32986
Shui Jinn Wang, San Lein Wu, Hsiang Dar Chung Boron delta-doped Si- and $Ge_{0.2}Si_{0.8}$—channel metal semiconductor field-effect transistors grown by molecular beam epitaxy 2569
Shui-Lai Wang *see* Wang Shui-Lai
Shuicai Wang *see* Jintao Bai 28782
Shuiquan Xing *see* Zhaolin Wu 8992
Shuisheng Chen *see* Chen Shuisheng
Shuisheng Qiu *see* Qiu Shuisheng
Shujiang Zhao *see* Zhao Shujiang
Shujing, Z. *see* Dong Dencun 1339
Shujing Zhang *see* Qiming Cheng 4835
Shuk, P., Vecher, A., Kharton, V., Tichonova, L., Wiemhofer, H.D., Guth, U., Gopel, W. Electrodes for oxygen sensors based on rare earth manganites or cobaltites 6644
Shuke, K. *see* Tanaka, H. 347
Shuke, K. *see* Tanaka, H. 14582
Shukeilo, I.A. *see* Dolinsky, A.V. 15677
Shukeilo, I.A. *see* Kukhtin, V.P. 15581
Shukla, A.K., Natrajan, A.A., Shankar, R.K. A new resin-rich insulation system for 6.6 kV class 'F' dry type transformer 16937
Shukla, A.K., Singh, K., Misra, R.S. 94 GHz CW IMPATT source 27244
Shukla, M. *see* Rai, V.N. 47994
Shukla, R. Electrical properties of $AgInTe_2$ 19354
Shukla, R.K. *see* Pandya, T.P. 12262
Shukla, V.S., Baum, P.N., Quddus, M. An optical ring network with heterogeneous payloads for multiparty multiconnection applications 30859
Shukuri, S. *see* Kitsukawa, G. 26921
Shukuri, S. *see* Kitsukawa, G. 26953
Shul, R.J., Rieger, D.J., Baca, A.G., Constantine, C., Barratt, C. Anisotropic electron cyclotron resonance etching of tungsten films on GaAs 27770
Shul, R.J. *see* Bartram, M.E. 11022
Shulakov, N.V. *see* Belyaev, E.F. 16866
Shulakov, N.V. *see* Belyayev, Y.F. 40175
Shuler, J.A. Great expectations, grand challenges, limited opportunities 5527
Shuley, N.V. *see* Waterhouse, R.B. 12760
Shuley, N.V. *see* Waterhouse, R.B. 29387
Shul'ga, S.N. A two-dimensional case of H-wave scattering on a cylindrical inclusion placed at a media interface 29124
Shul'ga, V.G. *see* Andreyev, V.A. 30592
Shul'gin, B.V., Buzmakova, S.I., Viktorov, L.V., Krymov, A.L., Petrov, V.L., Podurovskii, S.V., Kozlov, A.A., Shapiro, B.M., Shrom, M.Yu., Nepomnyashchikh, A.I., Figura, P.V., Lakhov, V.M. Scintillation detectors working with CaF_2—Eu single crystals 46882
Shuli Lou *see* Lou Shuli
Shulian Zhang *see* Zhang Shulian
Shulin Tian *see* Tian Shulin
Shul'man, A.Ya. *see* Ganichev, S.D. 38518
Shul'man, A.Ya. *see* Kotel'nikov, I.N. 34606
Shulman, D.D., Jian Yang An analytical model for the transient response of CMOS class AB operational amplifiers 33919
Shulong Li, Macosko, C.W., White, H.S. Electrochemical processing of electrically conductive polymer fibers 18316
Shults, B. Service development in the advanced intelligent network 37624
Shultz, E.K., Brown, R., Kotta, G. MailMinder: taming DHCP's mailman interface 14093
Shultz, K. If you want to speak: imagination in speechmaking 40829
Shulzchenko, G.I. *see* Belkin, V.S. 47975
Shum, S.M., Luk, K.M. Characteristics of dielectric ring resonator antenna with an air gap 36387
Shumada, I. *see* Desmond, C. 37621
Shuman, D. *see* Hook, B. 46314
Shumate, D. *see* Borras, R. 2390
Shumate, P.W. Economic considerations for fiber-to-the-subscriber 30841
Shumin Shen *see* Qingping Deng 33572
Shumin Wang *see* Wang Shumin
Shuming, T. *see* Shiqiao, Z. 12103
Shun Chengyuan *see* Chengyuan Shun
Shun Jie *see* Yang Zhihong 15015
Shun Lien Chuang Femtosecond optical rectification from semiconductor surfaces and quantum wells 21032
Shun Lien Chuang *see* Planken, P.C.M. 19388
Shun Yuan *see* Yuan Shun
Shun-Cheng Li *see* Li Shun-Cheng
Shun-Yuan Wang, Chin-Ming Hong, Wei-Tzen Yang, Chun-Chang Liu Formation of a sliding regime in an optimal variable structure stabilizer with uncertain parameters for a synchronous generator 16820
Shunailov, S.A. *see* Yalandin, M.I. 27431
Shundi Wu *see* Wu Shundi
Shunevich, S.A. *see* Zalesskii, V.B. 31682
Shunevich, S.A. *see* Zalessky, V.B. 6498
Shung, K.K. *see* Cloutier, G. 24257
Shung-Chih Chen *see* Jer Min Jou 18670
Shung-Wu Lee *see* Huang, J. 44569
Shungquan Wang *see* Wang Shungquan
Shungyuan Li *see* Theophilus, G.D. 35133
Shunhua Zhou *see* Anbo Wang 43448
Shunji Huang *see* Huang Shunji
Shunling Ruan *see* Ruan Shunling
Shunmugam, M.S., Narayanan Namboothiri, V.N. On establishing enveloping features for engineering surfaces 38684
Shunmugam, M.S., Sankaranarayanasamy, K. Measurements of pinion type gear shaping cutter using coordinate measuring machine 31447
Shuntov, A.V. *see* Neklepaev, B.N. 25598
Shunxing Zhang *see* Zhang Shunxing
Shuo Xiao, Salama, C.A.T. High-gain GaAs MESFET op amp 41687
Shuoqin Wang *see* Wang Shuoqin
Shupe, M. Fast simulation using GEANT mixtures of a liquid argon/tungsten tube calorimeter for GEM 31702
Shuqin Li *see* Xizhi Li 31240
Shuqin Li *see* Li Shuqin
Shuqing Zhao *see* Zhao Shuqing
Shuquan Zhou *see* Zhou Shuquan
Shuqun Zhang, Caisheng Chen Parallel optical fuzzy logic gates based on spatial area-encoding technique 43589
Shuqun Zhang, Senmao Lin, Caisheng Chen An optical fuzzy matrix-vector processor for implementing fuzzy associative memory 11779
Shuqun Zhang, Senmao Lin, Caisheng Chen Improved model of optical fuzzy associative memory 11782
Shur, A. *see* Apanovich, Y. 19715
Shur, M. *see* Bykhovski, A. 1975
Shur, M. *see* Dyakonov, M. 2588
Shur, M. *see* Globus, T. 28178
Shur, M. *see* Tan, G.-L. 3681
Shur, M.L. *see* Mikhailov, S.P. 41507
Shur, M.L. *see* Vaulin, S.L. 41510
Shur, M.S. *see* Conger, J. 43019
Shurberg, D.A. *see* Haber, S.B. 39773
Shuren Yang *see* Yang Shuren
Shurigina, L.S. *see* Gomozov, V.A. 25754
Shurmer, H.V., Corcoran, P., James, M.K. Sensitivity enhancement for gas sensing and electronic nose applications 6622
Shurmer, H.V. *see* Corcoran, P. 6657
Shusheng Jiang *see* Jiang Shusheng
Shusheng Yu *see* Yu Shusheng
Shuster, N., Seiger, H.N. Development of an advanced dimensionally stable separator for rechargeable lithium-metal disulfide batteries 17256
Shuster, N. *see* Papadakis, N. 17210
Shutang Hao *see* Hao Shutang
Shutang Liu *see* Liu Shutang
Shutang Wang *see* Wang Shutang
Shutenko, N.O. *see* Gitin, A.V. 3219
Shutian Liu *see* Liu Shutian
Shutler, W. *see* Mecca, J.P. 9279
Shuto, K., Hattori, K., Kitagawa, T., Horiguchi, M. Single-mode waveguide amplifier and laser in erbium-doped glass waveguide fabricated by PECVD 28499
Shuto, K. *see* Kitagawa, T. 35477
Shuto, S. *see* Aritome, S. 41883
Shuto, Y. *see* Hikita, M. 3170
Shutong Zhou *see* Zhou Shutong
Shutov, S.D. *see* Simashkevich, A.A. 42550
Shutov, S.L. The use of convolutional coding to improve the noise immunity of single-sideband signal converters 22769
Shutt, T. *see* Aubourg, E. 19925
Shutt, T. *see* Stockwell, W. 18495
Shutt, T. *see* Young, B.A. 24033
Shuttleworth, R. *see* Auckland, D.W. 25579
Shuttleworth, R. *see* Kabir, S.M.L. 32174
Shuvaev, V.G. *see* Kolokol'tsev, V.M. 38453
Shuvalov, V.V. *see* Bagratashvili, V.N. 21024
Shuxian Song *see* Song Shuxian
Shuxing Gong *see* Gong Shuxing
Shuyao Yang *see* Yang Shuyao
Shuyu Lin *see* Lin Shuyu
Shuyuan Li *see* Li Shuyuan
Shuzhang Zhang, Tamir, T. Analysis and design of broadband grating couplers 43483
Shuzhong Yuan *see* Yuan Shuzhong
Shvarts, A.L. *see* Annenkov, Yu.Z. 37958
Shvarts, M.Z. *see* Andreev, V.M. 17394
Shvartsman, A.A. Dealing with history and time in a distributed enterprise manager 45441
Shvartsman, V.O. The effectiveness of concentration [line concentration] 12796
Shvedchikov, A.P. *see* Ponizovskii, A.Z. 35129
Shvedov, A.A. *see* Dolinsky, A.V. 15677
Shvets, G., Wurtele, J.S. Frequency shifting in free-electron lasers 35910
Shvets, G. *see* Zhang, G. 28885
Shvetzov-Shilovsky, I.N. *see* Pershenkov, V.S. 34983
Shvyryaev, Yu.V., Morozov, V.B., Barsukov, A.F., Derevyankin, A.A., Tokmachev, G.V. Probabilistic safety assessment for nuclear stations containing VVER reactors 25181
Shwang-Shi Bai Micro controller-based digital filter implementation using an Intel 8097 10295
Shwartz, B.A. *see* Aulchenko, V.M. 7220
Shwartz, B.A. *see* Bes'chastnov, P.M. 46433
Shwe, C., Kraisingdecha, P., Gal, M., Varley, B., Gross, M. Measurement of ion induced damage-profiles in GaAs 19521
Shwedyk, E. *see* Qingyuan Dai 37827
Shwu-Jing Chang, Chien-Ping Lee Light-induced sidegating effect in GaAs MESFET's 35022
Shy Jow-Tsong *see* Jow-Tsong Shy
Shy Shyi-Long *see* Shyi-Long Shy
Shyam, N. *see* Tylavsky, D.J. 16131
Shyan-Ming Yuan An efficient fault-tolerant decentralized commit protocol 30216
Shyang Chang *see* Su-Ling Lee 22371
Shyang Lee Yeong *see* Yeong Shyang Lee
Shyang Su *see* Wen-An Loong 28019
Shye Lin Wu, Chung Len Lee, Tah Fu Lei Thin oxide grown on heavily channel-implanted substrate by using a low temperature wafer loading and N_2 pre-annealing process 10927
Shyen Wu Jiunn *see* Jiunn Shyen Wu
Shyh-Jong Chung, Lin-Kun Wu Analysis of the effects of a resistively coated upper dielectric layer on the propagation characteristics of hybrid modes in a waveguide-shielded microstrip using the method of lines 18961
Shyh-Jong Chung, Tun-Ruey Chrang Full-wave analysis of discontinuities in conductor-backed coplanar waveguides using the method of lines 21351
Shyh-Jong Lin *see* Chung-Ju Chang 5151
Shyh-Lin Tsao, Hen-Wai Tao Frequency stabilization based on attenuated fiber loop resonator (AFLR) 3723
Shyh-Lin Tsao *see* Jiunn Shyen Wu 30779
Shyh-Shiaw Kuo *see* Agazzi, O.E. 22052
Shyh-Shiuh Lih *see* Bar-Cohen, Y. 18384

Shyh-Yeong Ke, Kin-Lu Wong Cross-polarization characteristics of rectangular microstrip patch antennas on a cylindrical surface 21422
Shyh-Yeong Ke, Kin-Lu Wong Input impedance of a probe-fed superstrate-loaded cylindrical-rectangular microstrip antenna 44557
Shyh-Yih Ma, Kuo, J.B. Concise analytical model for deep submicron n-channel metal-oxide-semiconductor devices with consideration of energy transport 42917
Shyi-Long Shy *see* Wen-An Loong 28019
Shynk, J.J. *see* Diggavi, S.N. 29606
Shynk, J.J. *see* Giridhar, K. 4698
Shynk, J.J. *see* Giridhar, K. 30628
Shyprykevich, P., Fogg, B.R., Murphy, K.A., Claus, R.O. Performance of extrinsic Fabry-Perot optical fiber strain sensors in the presence of cyclic loads 23676
Shyu, J.-J., Pei, S.-C. Design of IIR multi-band filters using IIR all-pass eigenfilters 10316
Shyu Ching-Tarng *see* Ching-Tarng Shyu
Shyu Jong-Jy *see* Jong-Jy Shyu
Shyu Jyuo-Min *see* Jyuo-Min Shyu
Shyu Ruey-Ching *see* Ruey-Ching Shyu
Shyu Yung-Shiuan *see* Yung-Shiuan Shyu
Shyu-Li Chiou *see* Chong-Yung Chi 10330
Shyue-Shyh Lin *see* Ching-Fa Yeh 42934
Shyue-Win Wei A systolic power-sum circuit for $GF(2^m)$ 34012
Shyue-Win Wei, Che-Ho Wei High-speed decoder of Reed-Solomon codes 21618
Shyur Ching-Chir *see* Ching-Chir Shyur
Shyuu Jyh-Shing *see* Jyh-Shing Shyuu
Shyy, W., Rao, M.M. Simulation of transient natural convection around an enclosed vertical channel 33370
Si, K. *see* Jianping Xi 33058
Si, S.M. *see* Alvarez, A.M. 22645
Si, X. *see* Kapila, A. 27687
Si Dang Le *see* Le Si Dang
Si Jinhai, Liu Shutian, Yang Miao, Yang Kun, Li Chunfei Optical limiting by using thermal self-defocusing 28999
Si Weimin *see* Weimin Si
Si-Chen Lee *see* Biing-Der Liu 28160
Si-Chen Lee *see* Jenq-Shiuh Chou 9716
Si-Chen Lee *see* Jenq-Shiuh Chou 41405
Si-Chen Lee *see* Shou-Zen Chang 678
Si-Chen Lee *see* Tung-Ho Shieh 2418
Si-Chen Lee *see* Tung-Ho Shieh 10719
Si-Chen Lee *see* Tung-Ho Shieh 19335
Si-Fan Li *see* Yi-Jun He 36336
Si-Hua Zhao *see* Zhao Si-Hua
Si-Ming Pan, Hanson, R.L., Madill, D.H., Chapman, P.C. Improved frame synchronization schemes for Inmarsat-B/M SCPC and TDM channels 37938
Si-Qing Zheng *see* Tollis, I.G. 18645
Si-Ryong Yu *see* Min-Sup Lee 36849
Si-Woong Lee, Jong-Hun Kim, Seong-Dae Kim Mode decision technique for HD-MAC system 31017
Siahmakoun, A., Harrer, T. Dynamic photorefractive Schlieren system 20999
Siala, S. *see* Frateschi, N.C. 20846
Siala, S. *see* Govindarajan, M. 45984
Siambis, J.G., Symons, R.S. Ultrawideband clustered-cavity klystron 42366
Siangchaew, K. *see* Libera, M. 34667
Siarkiewicz, K.R. The Electromagnetic Modeling and Simulation Environment for Systems (EMSES) 44293
Siarry, P. *see* Berthiau, G. 42109
Sias, F.R., Jr., Tulenko, J.S. Radiation-hardened microcomputers for robotics and teleoperated systems 18807
Sias, F.R., Jr. *see* Jones, S.L. 25150
Sib, J. *see* Mencaraglia, D. 40492
Siba, K., Beniya, N. 72 kV air bushing type super compact gas insulated metal clad switchgear (G-SPC) 25587
Sibbald, C.L. *see* Anderson, J.M. 46588
Sibbald, C.L. *see* Stuchly, S.S. 44532
Sibbald, T. *see* Rey, M. 32116
Sibbett, W., Grant, R.S., Spence, D.E. Broadly tunable femtosecond solid-state laser sources 43753
Sibbett, W., Reid, D.T., Ebrahimzadeh, M., Evans, J.M., Spence, D.E. Frequency-tunable femtosecond sources 12089
Sibbett, W. *see* Colville, F.G. 44069
Sibbett, W. *see* Davies, D.A.O. 5975
Sibbett, W. *see* Dudley, J.M. 21084
Sibbett, W. *see* Fisher, M.A. 12404
Sibbett, W. *see* Grant, R.S. 3488
Sibbett, W. *see* Kennedy, G.T. 3524
Sibbett, W. *see* Spence, D.E. 43815
Sibbett, W. *see* White, I.H. 12254
Sibbett, W. *see* Williams, K.A. 20781
Sibbett, W. *see* Williams, K.A. 35822
Sibbett, W. *see* Withers, D.E. 3852
Sibert, D. *see* Muller, K. 38278
Sibertin-Blanc, C. A client-server protocol for the composition of Petri nets 22342
Sibilia, C. *see* Bertolotti, M. 20898
Sibilia, C. *see* Bertolotti, M. 35869
Sibille, A. *see* Aristone, F. 42511
Sibille, A. *see* Dutisseuil, E. 34594
Sibirtsev, A.A. *see* Lakina, I.Y. 24387
Sibley, M.J.N. Design implications of high speed digital PPM 29422
Sibley, M.J.N., Massarella, A.J. Detection of digital pulse position modulation over highly/slightly dispersive optical channels 30794
Siboththaman, S., Rodot, M. Preparation and characterization of silicon ribbons 9511
Sibul, L.H. *see* Chaiyasena, A.P. 29706
Sica, M. *see* Bressani, M. 17471
Sicard, E. *see* Betts, A.K. 19990
Sichanugrist, P., Yoshida, T., Ichikawa, Y., Sakai, H. Amorphous silicon oxide with microcrystalline Si phase 26515
Siciliano, P. *see* Di Giulio, M. 9708
Sickinger, H. *see* Schwider, J. 12457
Sickmoller, M., Urbach, P., Kowalsky, W. Optimization of MSM-photodetectors: characterization of carrier transport by correlation technique 35571
Sickmoller, M., Urbach, P., Kowalsky, W. Characterization of dynamic behaviour of metal-semiconductor-metal photodetectors by correlation technique 46441
Siconolfi, D.J. *see* Frankenthal, R.P. 263
Siconolfi, D.J. *see* Frankenthal, R.P. 1690
Sicuranza, G. *see* Simonetti, R. 6229
Sicuranza, G.L. *see* Schweizer, L. 4887
Sid-Ahmed, M.A. Analogue realizations of 2-D operations for raster scanned images 10359
Sid-Ahmed, M.A. *see* Kaufman, H.J. 10306
Siddappa Naidu, K., Natrajan, A.A., Nema, R.S. A study of partial discharge characteristics of critical zones in the insulation system of EHV transformer 16934
Siddiqi, M.U. *see* Rajan, B.S. 12910
Siddiqi, M.A. Chinese opt for CHP at Fushun Unit 3 47752
Siddiqui, A.S. *see* Shan, X. 3525
Siddiqui, A.S. *see* Simeonidou, D. 35958
Siddiqui, A.S. *see* Simeonidou, D. 45936
Siddiqui, A.S. *see* Yu, A. 35486
Siddiqui, M. *see* Huei Wang 34274
Siddiqui, M.M., Caglar, M. Residual lifetime distribution and its applications 26286
Siddiqui, S.S., Desai, C.F. Electrical resistivity of single crystals and thin films of SnSe 34555
Siddiqui, S.S., Desai, C.F. Photoconductivity of solid-state-reacted SnSe thin films 43618
Siddiqui, S.S., Desai, C.F., Pandya, G.R. Electrical properties of thin films of SnSe-$SnSe_2$ eutectic alloy 1866
Siddons, D.P. *see* Suortti, P. 7386
Sidek, H.A.A. *see* Shaari, A.H. 881
Sideman, S. *see* Taratorin, A.M. 13287
Sideman, S. *see* Taratorin, A.M. 36991
Sideman, S. *see* Taratrin, A.M. 13605
Sides, D.J. *see* Dantzler, H.L., Jr. 47277
Sidhu, D., Chung, A., Motteler, H., Blumer, T., Yesha, Y. Formal methods in protocol development 22350
Sidhu, D., Fu, T., Abdallah, S., Nair, R., Coltun, R. Open shortest path first (OSPF) routing protocol simulation 30250
Sidhu, D. *see* Motteler, H. 30226
Sidhu, D. *see* Motteler, H.E. 22339
Sidhu, D.P., Motteler, H., Vallurupalli, R. On testing hierarchies for protocols 30212
Sidhu, T.S. A microprocessor-based measuring unit for high-speed distance protection 8000
Sidhu, T.S., Sachdev, M.S. A method to improve digital algorithms for protecting power systems 32475
Sidhu, T.S. *see* Sachdev, M.S. 32418
Sidhu, T.S. *see* Sunga, B.R. 32844
Sidi, A. Convergence of intermediate rows of minimal polynomial and reduced rank extrapolation tables 41124
Sidi, M. *see* Cidon, I. 5203
Sidi, M. *see* Cidon, I. 37074
Sidi, M. *see* Seri, M. 45307
Sidi, M. *see* Yaron, O. 5300
Sidiryakov, E.V. *see* Antonov, V.I. 39666
Sidiryakov, E.V. *see* Lyamets, Yu.Ya. 39653
Sidky, S. *see* El-Sayes, M.A. 7900
Sidlow, R., West, N.D. Performance of the Penning H^- ion source at ISIS 7133
Sidman, S.B. *see* Hastings, C. 26947
Sidnev, S.A. *see* Andreev, V.A. 10541
Sidney, J. *see* Bernard, G. 24991
Sidney, J.K. *see* Merrill, N.H. 31095
Sidorchuk, V.E. *see* Bolkova, E.D. 31435
Sidorenko, A.F. *see* Fayolle, G. 13873
Sidorenko, A.I. *see* Rubashkin, S.G. 16006
Sidorenko, M.M. *see* Mogilny, V.V. 11568
Sidorenko, P.G. *see* Vasilenko, A.I. 38907
Sidorenko, V.A. Present status and concepts for the expansion of the nuclear power industry in the Russian Federation 8066
Sidorenko, V.R. *see* Zyablov, V.V. 44727
Sidorets, V.N., Pentogov, I.V. Occurrence and structure of a singular attractant in an RLC circuit with an electric arc 26551
Sidorin, S.S. *see* Kashevarov, V.L. 47022
Sidorin, V. *see* Varchenya, V. 24172
Sidorkin, A.S. *see* Solodukha, A.M. 18447
Sidorkin, V.T., Kniga, A.A., Rakitina, N.I. The distribution of flue gas cooling rate resulting in the greatest nitric oxide decomposition in MHD systems 25821
Sidorov, A.I. *see* Berenberg, V.A. 3224
Sidorov, A.I. *see* Danilov, V.V. 43556
Sidorov, V.P., Abrosimov, S.M., Kurkin, I.P. Calculation of the voltage parameters of a constricted (plasma) three phase arc 9032
Sidorov, V.P. *see* Artiomov, A.S. 46725
Sidorov, V.P. *see* Dymnikov, A.D. 46731
Sidoruk, Yu.K. *see* Martynyuk, A.E. 18918
Sidoruk, Yu.K. *see* Martynyuk, A.E. 42151
Sidoti, F. *see* Caorsi, S. 29149
Sieben, U. *see* Amor, H. 30992
Sieber, A. *see* Rodenauer, F.G. 15587
Siebert, H.-W., Beusch, W., Engelfried, J., Faller, F., Gerassimov, S.G., Lennert, P., Martens, K., Michaels, R., Muller, U., Rieseberg, H., Walder, G. The Omega RICH 46896
Siebert, H.-W. *see* Martens, K. 46914
Siebert, H.-W. *see* Muller, U. 46916
Siebert, J. Stepper motor drives provide a wide range of operational characteristics 17499
Siebert, K.G. Local refinement of 3D-meshes consisting of prisms and conforming closure 33563
Siebert, M. *see* Benkhellat, Y. 6398
Sieczka, E. *see* Harding, K. 6563
Sieczka, E.J. Feasibility of moire contouring for flatness checking of steel plates 6795
Siedel, D.J., Williams, A., Berends, R.W., Maleki, L. The development of a ytterbium ion frequency standard 23383
Siedle, C. *see* Schmidt, H. 32935
Siedling, R. *see* Bock, R. 7228
Sieffert, P. *see* Muller, J.-C. 10817
Siegal, B., Berg, M. An effective alternative for marginal thermal improvements of semiconductor devices 40974
Siegal, M.P. *see* Ginley, D.S. 2864
Siegel, A. *see* Dienhart, H. 16719
Siegel, B.L. High frequency amplifier instability (and what to do about it) 9982
Siegel, K. *see* Schneider, W. 14433
Siegel, M. *see* Faley, M.I. 11533
Siegel, M. *see* Muhle, E.-E. 47755
Siegel, M. *see* Muhle, E.-E. 47759
Siegel, M. *see* Stolzel, C. 11529
Siegel, M.W., Leary, M.L. Range from focus-error 36812
Siegel, M.W. *see* Davis, I. 24404
Siegel, M.W. *see* Kosy, D.W. 47576
Siegel, P.H., Dengler, R.J., Mehdi, I., Oswald, J.E., Bishop, W.L., Crowe, T.W., Mattauch, R.J. Measurements on a 215-GHz subharmonically pumped waveguide mixer using planar back-to-back air-bridge Schottky diodes 34257
Siegel, P.H. *see* Raisanen, A.V. 18986
Siegel, S. *see* Daghighian, F. 39000
Siegel, T.L. *see* Oskvig, D.H. 9155
Siegel, W. *see* Boudriot, H. 33583
Siegfriedt, W.E. *see* Krooswyk, E.D. 32693
Siegfriedt, W.E. *see* Wilkinson, G.A. 32684
Siegman, A.E. Analysis of laser beam quality degradation caused by quartic phase aberrations 12298
Siegman, A.E. High-power laser beams: defining, measuring and optimizing transverse beam quality 12305
Siegman, A.E. Defining, measuring, and optimizing laser beam quality 20968
Siegman, A.E., Ruff, J. Effects of spherical aberration on laser beam quality 3744
Siegman, A.E. *see* Chung, J. 20982
Siegmund, D. *see* Bochanky, L. 7909
Siegmund, G. New generation of telecommunications switching systems 45692
Siegmund, W.P. *see* Cianfarani, C. 31731
Siegrist, J. *see* Hale, P. *(editor)* 26046
Siejka, J. *see* Grosman, A. 34770
Siejka, J. *see* Morazzani, V. 34771
Siejka, J. *see* von Bardeleben, H.J. 42568
Siek, L. *see* Chee, P.Y. 10170
Sieling, P. *see* Baer, M. 37362
Siemann, R. *see* Chen, T. 46796
Siemann, R. *see* Decker, F.J. 15369
Siemann, R. *see* Krejcik, P. 15394
Siemann, R. *see* Limberg, T. 7035
Siemann, R. *see* Minty, M. 15342
Siemoneit, A. *see* Eichler, H.J. 3566
Siemsen, K.J., Madej, A.A., Sankey, J.D., Whitford, B.G., Clark, R.F., Magerl, G. Frequency measurement of a single barium ion transition with an ammonia laser 23384
Sien Chi, Chir-Weei Chang, Senfar Wen Femtosecond soliton propagation in erbium-doped fiber amplifiers: the equivalence of two different models 38089
Sien Chi *see* Chien-Yuan Chen 11616
Sien Chi *see* Yung-Kuang Chen 43430
Sien Kang *see* Schmitz, J. 42753
Sien-Chang Liu *see* Kuan-Min Lee 36413
Sienicki, J., Bushnell, M.L., Parikh, S. Graphical methodology language for CAD frameworks 41844
Sierra, M. *see* Becerra, A. 27305
Sierra, S. *see* Berkvens, P. 15392
Sierra, S. *see* Denard, J.-C. 7098
Sierra, S. *see* Girault, P. 15393
Sieverdes, F., Pinnow, M., Marowsky, G., Felderhof, B.U., Bratz, A. Complex-valued second-order susceptibilities observed in surface second-harmonic generation 12390
Sieverdes, F. *see* Marowsky, G. 28996

Sieverding, T., Bornemann, J., Arndt, F. Rigorous design of sidewall aperture couplers 1435
Sieverding, T., Papziner, U., Wolf, T., Arndt, F. New mode-matching building blocks for common circuit CAD programs 19021
Sieverding, T. *see* Hauth, W. 27155
Sievers, R.K., Hunt, T.K., Ivanenok, J.F., Pantolin, J.E., Butkiewicz, D.A. Modular radioisotope AMTEC power system 7553
Sievers, R.K. *see* Ivanenok, J.F., III 39301
Siew Chee Kheong *see* Choo Fook Hoong 14216
Siew Kan *see* Gonord, P. 36128
Siew Tan Chong *see* Chong Siew Tan
Siewerdsen, J. *see* Antonuk, L.E. 31300
Siewiorek, D. *see* Feather, F. 30388
Siferd, R., Perumal, S., McCormick, W. A CMOS ASIC for real time microwave spectral estimation applications 23864
Siffert, P. *see* Hartiti, B. 10804
Siffert, P. *see* Hartiti, B. 10847
Siffert, P. *see* Hartiti, B. 48122
Siffert, P. *see* Jung, M. 39124
Sifford, C.H. *see* Loubriel, G.M. 28622
Siffredi, B. *see* Tomasini, B. 6150
Sigachev, V.B., Doroshenko, M.E., Osiko, V.V., Timoshechkin, M.I. Efficient laser operation of $Cr,Nd:GGG$ crystals at 1.331 and 1.423 μm 20733
Sigachev, V.B. *see* Loutts, G.B. 18126
Sigal, M.V. *see* Kirichenko, A.M. 8093
Sigalos, J.L. *see* Cronin, F.J. 40839
Sigari, P.G. *see* Rajagopal, S. 24719
Sige-eda, T. *see* Mori, K. 23337
Sige-Eda, T. *see* Yokoyama, E. 23339
Sigel, G.H. *see* Chi-Hsien Lin 9790
Sigel, G.H., Jr. *see* Iqbal, T. 43374
Sigg, D. *see* Badertscher, A. 7311
Sigg, P. *see* Schryber, U. 6907
Sigismondi, M. *see* Amato, G. 48231
Sigiyama, S. *see* Yonekura, T. 16378
Sigl, G. *see* Doll, K. 26617
Sigliano, R.E. MCM development and application in Japan 26199
Sigling, R. *see* Huttenhofer, K. 39977
Sigmon, T.W. *see* Ishida, E. 42624
Sigmon, T.W. *see* Kramer, K.-J. 1882
Sigmond, R.S. *see* Linhjell, D. 11339
Sigmund, H. *see* Klumpp, A. 28036
Signoret, P. *see* Orsal, B. 3602
Signoret, P. *see* Orsal, B. 12225
Signoret, P. *see* Orsal, B. 12226
Signoret, P. *see* Orsal, B. 20841
Signorini, C., Beghini, S., Dal Bello, A., Montagnoli, G., Scarlassara, F., Segato, G.F., Soramel, F., Ackermann, D., Corradi, L., Facco, A., Moreno, H., Muller, L., Napoli, D.R., Prete, G.F. Performance of the LNL recoil mass spectrometer 31799
Signorini, M.G., Cerutti, S., Guzzetti, S., Parola, R. Non-linear dynamics of cardiovascular variability signals 39073
Signorini, M.G. *see* Cerutti, S. 24301
Sigov, A.S. *see* Petrovsky, V.I. 34638
Sigrist, W.R. *see* Roman, H.T. 17934
Siguik, H.I., Pardoe, B.H. Assessment of the Tripoli local telephone network? for data communication 5401
Sihvola, A.H. Anisotropic effective medium theories: random orientation of scatterers 21221
Sihvola, A.H. *see* Lindell, I.V. 44492
Siivola, J., Leinonen, K., Raisanen, L. ETMF-polymer transducer as a detector of respiration in humans 31828
Sijian Zhang *see* Chanson, S.T. 30234
Sik Jo Min *see* Min Sik Jo
Sik Jung Hong *see* Hong Sik Jung
Sik Kim Dae *see* Dae Sik Kim
Sik Kim Heung *see* Heung Sik Kim
Sik Lee Yun *see* Yun Sik Lee
Sik On Kong, Chee Yee Kwok Fowler-Nordheim tunneling current in a Mg/polycrystalline Si oxide/n^+ polycrystalline Si metal-oxide-silicon structure 19440
Sik On Kong, Chee Yee Kwok Fowler-Nordheim tunnelling current in an $Mg/SiO_2/Si$ MOS structure 19466
Sik On Kong, Chee Yee Kwok Fowler-Nordheim tunnelling current in a yttrium/silicon dioxide/silicon MOS structure 19469
Sik Pak Pyong *see* Pyong Sik Pak
Sik Park In *see* In Sik Park
Sik Youn Won *see* Won Sik Youn
Sikes, W.C. *see* Picologlou, B.F. 25906
Sikora, E.S.R. *see* West, R.H. 3540
Sikora, L.J. FLAPS reflector antennas 44589
Sikora, T., Richardson, P. Image interpolation based on image statistics: a case study 29913
Sikora, T. *see* Johnson, A.W. 42074
Sikorski, A., Citko, T. Quasi-resonant parallel DC link circuit for high-frequency DC-AC inverters 8561
Sikorski, A., Citko, T. Manner of the control of the new configuration of quasi-resonant DDC link inverter 17097
Sikorski, L. High impulse generator for investigations of protoplast electrofusion 9009
Sikotra, D. *see* Sletbak, J. 2691
Sikula, J., Touboul, A. Noise spectroscopy, diagnostics and reliability of electronic devices 23867
Sikula, J. *see* Chobola, Z. 19980
Sikula, J. *see* Koktavy, B. 19478
Sikula, J. *see* Sikulova, M. 19706
Sikulova, M., Sikula, J. Model of the RTS noise in semiconductor devices 19706
Sil, A., Samria, N.K., Chatterjee, A., Venkateswarlu, D.S. Estimation of dispenser cathode surface temperature of a practical potted heater cathode assembly 10606
Silady, F.A. *see* Williams, P.M. 47691
Silaev, S. Computer simulation of electromagnetic fields in the Tritron cavities 46788
Silaev, V.I. *see* Belyaeva, A.I. 38735
Silagadze, Z.K. *see* Bes'chastnov, P.M. 46433
Silander, K. *see* Capeans, M. 24060
Silard, A.P., Duta, M.J. The 'P-GTO' thyristor—a novel power switching device 2505
Silard, A.P., Duta, M.J. Correct analytical expression for the output characteristics of power MOSFETs 2541
Silayev, A.M. *see* Ignatenko, S.V. 44611
Silayev, B.I. *see* Maximov, K.K. 17767
Silber, M. *see* Eray, M. 23741
Silberberg, Y. *see* Eskildsen, L. 37981
Silberberg, Y. *see* Fermann, M.E. 3240
Silberberg, Y. *see* Goldstein, E.L. 23006
Silberglitt, R.S. *see* Carim, A.H. *(editor)* 17743
Silberman, E. *see* George, M.A. 2108
Silberman, E. *see* George, M.A. 10755
Silbermann, M.J. *see* Ferrari, L.A. 26350
Silbermann, M.J. *see* Sankar, P.V. 26349
Silberstein, R.B. *see* Nunez, P.L. 39040
Sile Yu *see* Yu Sile
Silence, S.M., Hache, F., Donckers, M., Walsh, C.A., Burland, D.M., Bjorklund, G.C., Twieg, R.J., Moerner, W.E. Nonlinear optical properties of photorefractive polymers 21070
Silence, S.M., Scott, J.C., Hache, F., Ginsburg, E.J., Jenkner, P.K., Miller, R.D., Twieg, R.J., Moerner, W.E. Poly(silane)-based high-mobility photorefractive polymers 20235
Silfhout, A.van *see* van Silfhout, A.
Silfsten, P. *see* Luostarinen, J. 35311
Silfsten, P. *see* Peiponen, K.-E. 6800
Silfvast, W.T. *see* Bender, H.A. 28584
Silfvast, W.T. *see* MacDowell, A.A. 27832
Silfvast, W.T. *see* Richardson, M. 27811
Silinsh, E.A. *see* Rutkis, M.A. 12358
Silio, C.B., Jr. *see* Ghafir, H.M. 22578
Silio, C.B., Jr. *see* Yin, J. 14161
Siliotto, E. *see* Centro, S. 38891
Silivra, A.A. *see* Kaminsky, A.A. 43695
Silk, A. *see* Kermanshahi, B.S. 16269
Silk, R. *see* Thompson, P.T. 14555
Silka, M.J., Ranville, S., Jenkins, J.M., Yan, M.C., DiCarlo, L.A. Template matching analysis of unipolar and bipolar electrograms in the differentiation of ventricular tachycardia and fibrillation from sinus rhythm 24281
Silka, M.J. *see* Chiang, C.J. 24307
Silka, M.J. *see* Jenkins, J.M. 24305
Siller, E. Operational safety—a responsibility of management executives 26138
Silletti, A., Tabasky, M., Hill, P.M., Haugsjaa, P.O., Urban, M. A silicon waferboard detector module for an optical heterodyne balanced receiver with integrated bypass capacitors 3400
Silletti, A. *see* Chirravuri, J. 3513
Silnitsky, A.F. *see* Novoselov, A.N. 2364
Silsbee, P.L., Bovik, A.C. Audio-visual speech recognition for a vowel discrimination task 29547
Silsbee, P.L., Bovik, A.C., Dapang Chen Visual pattern image sequence coding 21968
Silva, A.Da *see* Da Silva, A.
Silva, A.M.Leite da *see* Leite da Silva, A.M.
Silva, A.R.D.S., Sriyananda, H. Teaching electrical engineering by distance means 136
Silva, C.E.T.Goncalves da *see* Goncalves da Silva, C.E.T.
Silva, E.A.da *see* da Silva, E.A.
Silva, E.R.C.da *see* da Silva, E.R.C.
Silva, F., Vilaseca, R., Corbalan, Y.R. Bi-directionally pumped far-infrared laser 28712
Silva, F.M., Goncalves, J.G.M. A graphical tool for the tele-operation of a manipulator arm 22503
Silva, J. *see* Harmony, T. 31914
Silva, J.B.C. *see* Mendonca, C.A. 13269
Silva, J.F. Slew-rate and maximum power bandwidth in transconductance active power filters 17000
Silva, J.G. *see* Silva, L.M. 5229
Silva, J.M. Reversed-phase lines may reduce EMF levels 32447
Silva, J.M., Greisz, J. The use of LCC and RAM-engineering as powerful tools in the decision-making process 39524
Silva, J.R.de *see* de Silva, J.R.
Silva, J.T.S. *see* Vaisman, R. 24939
Silva, K.da *see* da Silva, K.
Silva, L.A., Laitenberger, P., Palmer, R.E. Nanofabrication of metal structures in gold films deposited on mica 27612
Silva, L.B.Da *see* Da Silva, L.B.
Silva, L.da *see* da Silva, L.
Silva, L.M., Silva, J.G. DIP: distributed diagnosis protocol 5229
Silva, M. *see* Teruel, E. 18017
Silva, M.F.da *see* da Silva, M.F.
Silva, M.M., Simoes, A.S., Anunciada, A.V. A simple converter for DC-supply of fluorescent lamps 17598
Silva, M.P.da *see* da Silva, M.P.
Silva, M.T.C., Martinez, M.A.G., Herczfeld, P.R. MCQW intensity optical modulator for InP based MMIC/photonics integrated circuits 3177
Silva, S.R., Lyra, R.O.C. PWM converter for excitation of induction generators 16836
Silva, S.R. *see* Bueno, E.A.B. 40075
Silva, S.R. *see* Nunes, A.A.C. 40073
Silva, T.J., Schultz, S. Further development of a scanning near-field optical microscope for magneto-optic Kerr imaging of magnetic domains with 10 nm resolution 43290
Silva, T.Oliveira e *see* Oliveira e Silva, T.
Silva, V.da *see* da Silva, V.
Silvain, J.F., Veyrat, A., Ehrhardt, J.J. Influence of oxygen partial pressure on the adhesion of metallic films evaporated on PET 33768
Silvano, C., Sada, G., Populin, L. Ramgen: a dual port static RAM generator 18739
Silveira, A.C.F.da *see* da Silveira, A.C.F.
Silveira, L.M. *see* Lumsdaine, A. 26568
Silveira, P.D. *see* Carneiro S., M. 7937
Silvennoinen, R., Nygren, K., Rouvinen, J., Petrova, V. Bone structure studies with holographic interferometric nondestructive testing and X-ray methods 47062
Silvennoinen, R. *see* Rasanen, J. 23894
Silver, E. *see* Pfafman, T.E. 20123
Silver, M. *see* Han, D. 3316
Silver, M. *see* Han, D. 34898
Silver, M. *see* Hawley, M. 12179
Silver, M. *see* Keda Wang 28657
Silver, M. *see* O'Reilly, E.P. 12224
Silver, M. *see* Vanderhaghen, R. 35586
Silver, M. *see* Wang, K. 35604
Silver, R.M. *see* Dagata, J.A. 34726
Silver, R.M. *see* Tseng, W.F. 42461
Silverans, R.E., Watte, J., Wuyts, K. Structural and electronic properties of mixed Au/Te/n-GaAs structures 19438
Silverans, R.E. *see* Watte, J. 34597
Silverman, J. Signal processing algorithms for display and enhancement of IR images 29776
Silverman, J. Noise instrumentation standards 31522
Silverman, J. *see* Caefer, C.E. 32154
Silverman, J.P., Archie, C.N., Oberschmidt, J.M., Rippstein, R.P. Performance of a wide-field flux delivery system for synchrotron X-ray lithography 27989
Silverman, J.P., Rippstein, R.P., Oberschmidt, J.M. X-ray lithography beamlines in the IBM Advanced Lithography Facility 6948
Silverman, L.A. *see* Walker, A.T. 19153
Silverman, P.J. *see* Fitzgerald, E.A. 26440
Silverman, P.J. *see* Monroe, D. 10704
Silverman, P.J. *see* Xie, Y.H. 1915
Silverman, S. *see* Cummings, K.D. 27973
Silverstein, D.Amnon *see* Amnon Silverstein, D.
Silverstein, S.D. *see* Guanghan Xu 44993
Silverwood, P.A. *see* Wang, Y.S. 13710
Silvester, D. Optimal low order finite element methods for incompressible flow 26384
Silvester, J.A. *see* Wang, J.L. 22762
Silvester, J.A. *see* Wang, J.L. 30170
Silvester, J.A. *see* Wang, J.L. 37144
Silvester, J.A. *see* Wang, S.S. 45287
Silvester, P.P., Omeragic, D. A two-dimensional Zhu-Zienkiewicz method for gradient recovery from finite-element solutions 621
Silvester, P.P., Omeragic, D. A comparative experimental study of differentiation methods on finite elements [EM device analysis] 4005
Silvester, P.P., Omeragic, D. Differentiation algorithms for soft magnetic material models 43247
Silvester, P.P. *see* Zhizhang Chen 29118
Silvestre, P. *see* Chen, C.W. 20566
Silvestre, P. *see* Yih-Guei Wey 43638
Silvestri, A. Static security analysis of electric power systems 32277
Silvestri, A. *see* Bellon, A. 7735
Silvestri, G.G., Rao Gudimetla, V.S. Sensitivity of S-parameter data of metal-semiconductor field effect transistor to the source and gate resistances 2565
Silvestri, M. *see* Fracassi, G.L. 24915
Silvestri, S.De *see* De Silvestri, S.
Silvey, R.L. *see* De Gruson, J.A. 17258
Silvi, M. *see* Chiappini, A. 44449
Silvino, J.L., Bottura, C.P., Resende, P. Discrete flux observer with rotor resistance and mutual inductance estimation for induction machine control 40221
Silvious, J.L. *see* Wellman, R.J. 46096
Sim, G.H. *see* Ooi, T.H. 17821
Sim, J.H., Kuo, J.B. An analytical delayed-turn-on model for accumulation-type ultra-thin SOI PMOS devices operating at 77 K 28139
Sim, J.H., Tang, M.C., Kuo, J.B. A fully analytical back-gate bias model for n-channel silicon MESFETs with back channel implant 28201
Sim, J.H. *see* Kuo, J.B. 11213
Sim, J.H. *see* Kuo, J.B. 19848
Sim, J.H. *see* Kuo, J.B. 19994

Sim, K.S., Chan, D.S.H., Phang, J.C.H. Investigation of capacitive coupling voltage contrast using a specimen charging model 43051
Sim, S.L. *see* Chan, C.W. 5435
Sim, S.L. *see* Er, M.H. 29357
Sim, S.R., Smith, B.A. Estimation of lost kWh sales from distribution outages using DSM data analysis techniques 7931
Sim Jae-Ki *see* Jae-Ki Sim
Sim Jai-Hoon *see* Jai-Hoon Sim
Sim Thiam Ann *see* Alvarez, A.M. 13379
Sima, K. *see* Gao, Y. 6847
Sima Wenxia *see* Sun Caixin 16412
Simaan, M.A. *see* Akgul, T. 4600
Simaan, M.A. *see* Zhen Zhang 29823
Simader, G. *see* Friedrich, K. 32879
Simanapalli, S., Kaveh, M. Broadband focusing for partially adaptive beamforming 29722
Simanovich, E.V. *see* Maslovsky, V.M. 19457
Simaranov, S.Yu. *see* Kvaratskheliya, N.G. 4683
Simard, M.-A., Begin, F. Central level fusion of radar and IRST contacts and the choice of coordinate system 30906
Simard, M.-A. *see* Bourassa, S. 29627
Simard, M.-A. *see* Shahbazian, E. 4754
Simard-Normandin, M. *see* Shafai, C. 19530
Simard-Normandin, M. *see* Shafai, C. 42621
Simas, M.I.Castro *see* Castro Simas, M.I.
Simashkevich, A.A., Shutov, S.D. Quasistatic capacitance of a metal-(amorphous chalcogenide semiconductor) (Al-As_2Se_3) contact 42550
Simazaki, T. *see* Yaji, T. 8974
Simburger, W. *see* Schultes, G. 37800
Simecek, J. *see* Pasek, Z. 32972
Simeon, E., Fondeur, J.-H., Pothe, Y.-G., Gambonnet, M., Fabres, J., Isnard, J.-P. Mechanized laying: development and conditions for success 47553
Simeone, M.G. *see* Salviati, G. 693
Simeonidou, D., Hamidi, S., Siddiqui, A.S. Theoretical and experimental study of a new delayed self-homodyne technique for laser spectral linewidth measurement 35958
Simeonidou, D., Yu, A., O'Mahony, M.J., Yao, J., Siddiqui, A.S. Erbium-doped fibre pre-amplifier with an integral band-pass filter 45936
Simeonova, D.S. *see* Tenchov, C. 9725
Simeus, E.J., Vaughan, G.P. The use of buffered oxide etch to enhance wirebond performance on thick film gold conductor 19260
Simic, J. *see* Misljenovic, B. 17552
Simile, M. *see* Legros, D. 32648
Simili, R. *see* Marchetti, S. 3449
Simili, R. *see* Marchetti, S. 3450
Siming Wang *see* Wang Siming
Siminovitch, M. *see* Rubinstein, F. 8961
Simion, D. *see* Lemnean, N. 25746
Simion, D. *see* Petringenaru, O. 25845
Simion, V. 2.0 V Bipolar/CMOS differential logic methodology for iterative network implementation 10067
Simko, A.P. *see* Delleney, R.D. 8177
Simkov, U.I. *see* Gesheva, K.A. 18251
Simma, F.Ya. *see* Zarubin, L.A. 16688
Simmerer, J. *see* Suzuki, H. 28659
Simmeth, R.-J., Spitzer, H. Data acquisition for knowledge-based image classification and interpretation of remotely sensed multi-spectral images 24521
Simmonds, M.G., Gladfelter, W.L., Li, H., McMurry, P.H. Aluminum particle formation in the gas phase of a low pressure chemical vapor deposition reactor using dimethylethylamine alane (AlH_3) as a precursor 41477
Simmonds, P.E. *see* Lerch, M.L.F. 42849
Simmonds, P.E. *see* Martin, A.D. 35038
Simmonds, R. Ready, steady glow [electroluminescence] 40653
Simmons, G. Developing a portable HPM prototype 24564
Simmons, G.J. Subliminal communication is easy using the DSA 29492
Simmons, G.J. The consequences of trust in shared secret schemes 36545
Simmons, H.R., Smalley, A.J., Frischmuth, R.W., Lapini, G., Robinson, G. Tools for diagnosing case deflections and alignment on a power utility combustion turbine 47623
Simmons, H.W. *see* Atkins, G.R. 43400
Simmons, I.C.P. A preliminary assessment of the risks associated with engine immobilisers 25926
Simmons, I.M. Automotive applications of millimetre wave radar 40635
Simmons, J. *see* Comedi, D. 10666
Simmons, J. *see* Dunlap, D.H. 1351
Simmons, J.G. *see* Jianmeng Li 34591
Simmons, J.G. *see* Kam-Wing Chai 2398
Simmons, J.G. *see* Liu, H.C. 23635
Simmons, J.G. *see* Liu, H.C. 31211
Simmons, J.G. *see* Liu, H.C. 46442
Simmons, J.G. *see* Melville, D.L. 27731
Simmons, J.G. *see* Ojha, J.J. 43685
Simmons, J.G. *see* Pang, Z. 26503
Simmons, J.G. *see* Wilson, P.H. 6501
Simmons, J.H. *see* Singh, R.K. 857
Simmons, L.A.S. *see* Ranney, T.A. 15143
Simmons, S. *see* Chenoweth, A. 14567
Simms, J.R. *see* Auckland, D.W. 25579
Simnishkis, S. Optimization of the collision resolution algorithm 5576
Simniskis, R. *see* Dagys, M. 31404
Simo, S. *see* Porter, J.W. 39662
Simoen, E., Claeys, C. Gate-length dependency of the low-frequency noise overshoot in partially depleted SOI n-MOSFET's 2560
Simoen, E., Claeys, C. Liquid-helium temperature hot-carrier degradation of Si p-channel MOSTs 11209
Simoen, E., Claeys, C. Random telegraph signals in silicon-on-insulator metal-oxide-semiconductor transistors 42959
Simoen, E., Claeys, C. Impact of twin-gate concept on silicon-on-insulator inverters 43100
Simoen, E., Dierickx, B. Critical examination of the relationship between random telegraph signals and low-frequency noise in small-area Si MOST's 19816
Simoen, E., Magnusson, U., Claeys, C. A low-frequency noise study of gate-all-around SOI transistors 19861
Simoen, E., Magnusson, U., Rotondaro, A.L.P., Claeys, C. The kink-related low-frequency generation-recombination noise in silicon-on-insulator MOST's 19817
Simoen, E. *see* Dierickx, B. 24001
Simoes, A.S. *see* Silva, M.M. 17598
Simoes, J.B.S. *see* Simoes, P.C.S. 23471
Simoes, P.C.S., Simoes, J.B.S., Correia, C.M.B.A., Sousa, J., Fernandes, H., Carvalho, B.B., Varandas, C.A.F. A 100 MHz VME data acquisition system 23471
Simola, J.T. *see* Ahonen, A.I. 24214
Simola, J.T. *see* Ahonen, A.I. 31919
Simola, K. *see* Laakso, K. 47662
Simon, A., Scriba, J., Gauer, C., Wixforth, A., Kotthaus, J.P., Bolognesi, C.R., Nguyen, C., Tuttle, G., Kroemer, H. Intersubband transitions in InAs/AlSb quantum wells 15027
Simon, A. *see* Grub, A. 10466
Simon, B., Macq, B., Verleysen, M. Laplacian pyramid with multilayer perceptrons interpolators 5133
Simon, B., Macq, B., Verleysen, M. Pyramids for image compression with neural networks interpolators 13551
Simon, C. *see* Bouziane, A. 26476
Simon, D.J. *see* Hemery, J.-Y. 15307
Simon, D.M., Cogeos, P., Green, R.A., Loomis, J.S. Programmable 128×128 MOSLM compact correlator 28532
Simon, D.M. *see* Bock, B.D. 30113
Simon, D.M. *see* Serati, S.A. 28527
Simon, G. *see* Paulini, J. 3951
Simon, G. *see* Roth, S.S. 10149
Simon, J., Feurer, R., Reynes, A., Morancho, R. Mass spectrometry study of the gas phase reactions in the CVD of Si and in situ-phosphorous doped Si in order to explain the different growth rates 9731
Simon, J., Ostmann, A., Reichl, H. Electroless bumping for TAB and flip chip 17884
Simon, J. *see* Guillaud, G. 34954
Simon, J. *see* Wang, Y.B. 41414
Simon, J.C., Doussiere, P., Lamouler, P., Valiente, I., Riou, F. Travelling wave semiconductor optical amplifier with reduced nonlinear distortions 28810
Simon, J.C. *see* Lambert, B. 9637
Simon, J.C. *see* Lambert, B. 28494
Simon, J.J. State of the art in solid state power controller for aeronautical application 15968
Simon, K., Crippa, D., Collenberg, F. On the distribution of the transitive closure in a random acyclic digraph 33484
Simon, K. *see* Stauch, H. 28023
Simon, K.P., Sturm, E. Disentangling of composite spectra 29923
Simon, M. *see* Felten, P. 47698
Simon, M.C. *see* El Jai, A. 14987
Simon, M.K. *see* Divsalar, D. 36479
Simon, P. *see* Canto-Said, E.J. 12388
Simon, P. *see* Houliston, J.R. 20655
Simon, P.S. *see* Maybell, M.J. 4295
Simon, R. Cordless multi-cell systems 45470
Simon, S. *see* De Lameillicure, J. 14803
Simon, S.H. A neural network/expert system hybrid which identifies untrained damage 6346
Simon, T. *see* DeHon, A. 33897
Simon, U., Tittel, F.K., Goldberg, L. Difference-frequency mixing in $AgGaS_2$ by use of a high-power GaAlAs tapered semiconductor amplifier at 860 nm 20993
Simon, W.A., Kennedy, A.J., Warembourg, D.W. The Fort St. Vrain Power Station operating and maintenance experience 47667
Simon-Gillo, J. *see* Britton, C.L., Jr. 46993
Simoncic, R. *see* Weaver, A.C. 14245
Simond, J.-J. *see* Sapin, A. 24637
Simone, F. *see* Pennisi, A. 3172
Simone, S. *see* Beker, H. 7152
Simone, S. *see* Campbell, M. 46972
Simone, S.De *see* De Simone, S.
Simonenko, L.S. *see* Ganefeld, R.W. 25728
Simonenko, L.S. *see* Rudenko, L.N. 25729
Simonenko, L.S. *see* Zalkind, V.I. 25725
Simonetti, R., Carrato, S., Ramponi, G., Polo Filisan, A. Deinterlacing of HDTV images for multimedia applications 31025
Simonetti, R., Filisan, A.P., Carrato, S., Ramponi, G., Sicuranza, G. A deinterlacer for IQTV receivers and multimedia applications 6229
Simoni, L. *see* Mazzanti, G. 35156
Simoni, L. *see* Montanari, G.C. 20055
Simoni, N. *see* Arsenis, S. 13865
Simoni, N. *see* Znaty, S. 14210
Simonin, A. *see* Pamela, J. 46734
Simonis, J. Restrictions on the weight distribution of binary linear codes imposed by the structure of Reed-Muller codes 44711
Simonoff, J.S., Hurvich, C.M. A study of the effectiveness of simple density estimation methods 9393
Simonot, F., Song, Y.Q., Thomesse, J.P. On message delay for multi-access protocols based on TDMA schemes 13915
Simonov, K.G. *see* Lopin, M.I. 1795
Simonov, M.M. *see* Bykov, V.L. 14539
Simonov, S.L. *see* Gabaraev, B.A. 32592
Simons, D.S. *see* Kyono, C.S. 34562
Simons, D.S. *see* Martin, J.M. 2019
Simons, D.S. *see* Thompson, P.E. 19523
Simons, F.O., George, A.D., Freathy, B.A., Medina, J. Design and simulation of continuously programmable digital filter systems 42066
Simons, F.O., Jr., Threatt, S. A new class of control system VLSI DSP compensators 2623
Simons, F.O., Jr. *see* George, A.D. 6153
Simons, F.O., Jr. *see* George, A.D. 44898
Simons, J. Staying in the big league [high-tech industries—EC policy] 33458
Simons, J.K. *see* Suh, D. 27969
Simons, L.M. *see* Badertscher, A. 7311
Simons, N.R.S. *see* LoVetri, J. 21294
Simons, P.R. *see* Milsom, R.F. 34333
Simons, R.E. Microelectronics cooling and SEMITHERM: a look back 40962
Simons, R.N. High-temperature superconducting coplanar waveguide microwave circuits and antennas 27281
Simons, R.N., Lee, R.Q. Space power amplification with active linearly tapered slot antenna array 1622
Simons, R.N., Taub, S.R. Coplanar waveguide radial line double stub and application to filter circuits 1400
Simonsen, H.R. Frequency noise reduction of visible InGaAlP laser diodes by different optical feedback methods 3661
Simonsson, A. *see* Abrahamsson, K. 15584
Simonyan, D.E. *see* Apletalin, V.N. 31402
Simonyte, V. *see* Moses, R.L. 29694
Simopoulos, C. *see* Abe, K. 7260
Simopoulos, C. *see* Abe, K. 15619
Simopoulos, C. *see* Abe, K. 46930
Simopoulos, C. *see* Coyle, P. 46918
Simos, T.E. Runge-Kutta-Nystrom interpolants for the numerical integration of special second-order periodic initial-value problems 584
Simos, T.E. Embedded Runge-Kutta methods for periodic initial-value problems 616
Simotas, E. *see* Van Dyck, R.E. 13566
Simova, E.S., Kavehrad, M. Holographic 4×4 star coupler in silver-halide sensitized gelatin 12431
Simova, E.S., Kavehrad, M. Silver-halide sensitized gelatin derived from Agfa-Gevaert holographic plates 44167
Simova, E.S., Stoev, K.N. Automated Fourier transform fringe-pattern analysis in holographic moire 12433
Simpkins, L. *see* Henderson, L. 39242
Simpkins, P.G. Thermal response of optical fibers to metallization processing 28452
Simpson, B.R.S., Meyer, B.R. Direct activity measurement of pure beta-emitting radionuclides by the TDCR efficiency calculation technique 38852
Simpson, C. Linear switching voltage regulators: how they work 1023
Simpson, D.M. *see* Pereira, W.C.A. 16041
Simpson, E., Duncan, S., McMurdo, G. Networking CD-ROMs: technical overview and the view from the Manchester Business School 45518
Simpson, E. *see* Rengarajan, S.R. 21374
Simpson, E.V., Palmer, T.C., Smith, W.M. Visualization in cardiac mapping of ventricular fibrillation and defibrillation 24304
Simpson, F., Holtzman, J.M. Direct sequence CDMA power control, interleaving, and coding 5770
Simpson, G. *see* Schonfelder, V. 7146
Simpson, J. *see* Kawakami, Y. 20853
Simpson, J.R. *see* DiGiovanni, D.J. 20744
Simpson, J.R. *see* Islam, M.N. 12352
Simpson, J.R. *see* Purdy, J.A. 39092
Simpson, J.S. The how and why of current-limiting reactors 39664
Simpson, J.W. *see* Wincheski, B. 26539
Simpson, K. *see* Tooley, F.A.P. 20398
Simpson, K.D. *see* Miller, M.A. 32448
Simpson, M.L. *see* Britton, C.L., Jr. 46993
Simpson, P.J., Mace, D.R., Ford, C.J.B., Zailer, I., Pepper, M., Ritchie, D.A., Frost, J.E.F., Grimshaw, M.P., Jones, G.A.C. Aharonov-Bohm effect and one-dimensional ballistic transport through two independent parallel channels 10712

Simpson, P.J., Vos, M., Wu, C., Mitchell, I.V., Schultz, P.J. Vacancy character of damage zones in ion-irradiated silicon 10835
Simpson, P.J. *see* Ford, C.J.B. 27512
Simpson, R.H. Power quality and symmetrical component analysis 9050
Simpson, S.W., Marty, S.M., Messerle, H.K., Hunwick, R.J., Lowe, A. Retrofit of MHD plant to a 200 MW steam power plant 25305
Simpson, S.W. *see* Messerle, H.K. 25790
Simpson, T.B., Day, T., Doft, F., Malley, M.M., Sutton, G.W. Frequency-stabilized mode-locked solid-state laser system for precision range-Doppler imaging 29074
Simpson, T.B., Liu, J.M., Kovanis, V., Gavrielides, A., Clayton, C.M. Four-wave mixing, nonlinear dynamics and noises in laser diodes 43944
Simpson, T.B. *see* Liu, J.M. 21029
Simpson, T.R., McPartland, A.M., Weeks, D.A., Crawford, R.M., Turner, S.P. Mechanical maintenance training program 103
Simpson, W. *see* Haynes, L. 23428
Simpson, W.R., Sheppard, J.W. System perspective on diagnostic testing 260
Simpson, W.R. *see* Kirkland, L.V. 23437
Simpson, W.R. *see* Sheppard, J.W. 23438
Sims, C. *see* Reynolds, D. 21905
Sims, C.S. *see* Buckner, M.A. 32000
Sims, F. *see* Richards, S. 30112
Sims, G.P. *see* Gummer, J.H. 16710
Sims, R. *see* Wake, M. 15366
Sims, R.D. *see* Newman, R.R. 43339
Sims, R.I., Kelm, B.R., Konrad, C.E. The development of the Ecostar powertrain 48316
Sims, R.L. *see* Osborn, D.W. 8254
Simsa, J., Triska, I. Multiple-dwell serial-search code acquisition of spread-spectrum receiver—mean acquisition time at fixed false-alarm penalty 14379
Simsic, B. *see* Temerinac, M. 22196
Simson, E.A., Taranukha, A.A. Optimization of the shape of a quartz resonator 24543
Simunec, R. *see* Zutobradic, S. 24741
Simuoli, V. *see* Nowakowski, J. 14712
Sin, K.K. *see* Ngan, K.N. 23308
Sin, Y.K., Horikawa, H., Kamijoh, T. InGaAs-GaAs-InGaP distributed feedback buried heterostructure strained quantum-well lasers for high-power operation at 0.98 μm 20798
Sin-Chong Park *see* Hyung Joun Yoo 27853
Sin-Horng Chen *see* Saga Chang 13141
Sincerny, P.S. *see* Goyer, J.R. 8683
Sin'chugov, F.I., Makarov, S.F. Afteroptimization of power system modes and estimation of system emergency automation efficiency 24660
Sin'chugov, F.I. *see* Barinov, V.A. 16127
Sinchugov, F.I. *see* Barinov, V.A. 39535
Sinchuk, O.N., Afanas'ev, E.V., Afanas'eva, M.G., Khattib, N. More efficient pulsed thyristor voltage regulators for mine-locomotive electric drives 40687
Sinchuk, O.N., Afanas'yev, E.V., Guzov, E.S., Afanas'eva, M.G. Determination of the characteristics of electrical braking systems of traction drives with pulse control 33106
Sinchuk, O.N., Artashevich, N.M., Guzov, E.S., Beridze, T.M. Noise suppression in the high-frequency communication channels of electric locomotives hauling freight in mines 40688
Sinchuk, O.N., Litsenko, I.A., Guzov, E.S. Synthesis of pulsed electric-drive control systems on the basis of Petri networks 40521
Sinclair, A.G., McCormack, G., Sharp, J.H., Ruddock, I.S., Illingworth, R. Uniaxial crystalline fibres: optical methods for determining their physical characteristics 20334
Sinclair, A.N. *see* Dickstein, P.A. 9831
Sinclair, B.D. *see* MacKinnon, N. 28780
Sinclair, B.D. *see* MacKinnon, N. 43786
Sinclair, B.D. *see* Withers, D.E. 3852
Sinclair, C. *see* Liu, H. 31579
Sinclair, C.K. *see* Foster, B. 31714
Sinclair, C.K. *see* Michalke, A. 7136
Sinclair, G. Putting the human being back into engineering [education] 17755
Sinclair, J.D. *see* Frankenthal, R.P. 263
Sinclair, J.D. *see* Frankenthal, R.P. 1690
Sinclair, M.B. *see* Carson, R.F. 6422
Sinclair, M.C. *see* Chng, R.S.K. 5938
Sinclair, M.C. *see* Chng, R.S.K. 14617
Sinclair, R. *see* Lairson, B.M. 11476
Sinclair, R. *see* Lairson, B.M. 28354
Sinclair, R. *see* Niwa, M. 42576
Sinclair, R. *see* Ogawa, S. 801
Sinclair, R. *see* Visokay, M.R. 28355
Sindler, Yu.B. *see* Kamayeva, M.Ye. 12626
Sindler, Yu.B. *see* Kamayeva, M.Ye. 44808
Sinel'nikov, A.F. *see* Aitov, N.L. 25757
Sinelobov, I.A. *see* Torchigin, V.P. 11746
Sinelshikov, A.V., Stolbetsov, S.D. Mode competition in reditron oscillator 27423
Sinelshikov, V.A. *see* Pozdeev, P.A. 25739
Sinev, S.G. *see* Ovchinnikov, A.A. 23047
Sinev, S.G. *see* Ovchinnikov, A.A. 30760
Sing Bing Kang *see* Szeliski, R. 45210
Sing Lau Buon *see* Buon Sing Lau
Sing-Pin Tay, Ellul, J.P., Hewitt, S.B., Tarr, N.G., Boothroyd, A.R. Evaluation of silicon carbide formed with a single precursor of Di-tert-Butylsilane 1913
Sing-Ping Wang *see* Chih-Ping Yeh 22244
Singal, R.K., Williams, K., Verma, S.P. Theoretical and experimental study of vibrational behaviour of laminated stators of electrical machines 16755
Singal, S.P. *see* Gera, B.S. 39389
Singarajah, K. *see* Pahl, J. 45897
Singer, B. A new method of identification and compensation of friction and machining forces in positioning systems 17468
Singer, E. *see* Wolf, H. 42631
Singer, H., Sagayama, S. Suprasegmental duration control with matrix parsing in continuous speech recognition 13031
Singer, H., Sagayama, S. Suprasegmental duration control with matrix parsing in continuous speech recognition 29508
Singer, H. *see* Brittner, P. 7066
Singer, H. *see* Bruns, H.-D. 36102
Singer, H. *see* Katagishi, K. 4559
Singer, H. *see* Katagishi, K. 29506
Singer, H. *see* Sagayama, S. 14081
Singer, J. *see* Ho, T. 1582
Singer, K.D. *see* Andrews, J.H. 20381
Singer, K.D. *see* Andrews, J.H. 21028
Singer, K.D. *see* Beuhler, A.J. 3085
Singer, K.D. *see* Kowalczyk, T.C. 44106
Singer, K.E., Rutter, P., Peaker, A.R., Wright, A.C. Self-organizing growth of erbium arsenide quantum dots and wires in gallium arsenide by molecular beam epitaxy 26439
Singer, K.E. *see* Dobaczewski, L. 9553
Singer, K.E. *see* Figielski, T. 10693
Singer, K.E. *see* Peaker, A.R. 9665
Singer, L. *see* Lifshitz, Y. 33334
Singer, L.A. *see* Miller, G.A. 27018
Singer, M.F., Ulmer, F. On a third order differential equation whose differential Galois group is the simple group of 168 elements 9474
Singer, P. Rapid thermal processing: a progress report 2001
Singer, P. Trends in liquid sources 19493
Singer, P. The thinking behind today's cluster tools 34648
Singer, P. Vacuum pump technology leaps ahead 34664
Singer, P.A. *see* Sworder, D.D. 31297
Singer, P.F. *see* Prager, K.E. 13660
Singer, S., Smilovitz, D. Transmission line-based loss-free resistor 42098
Singer, W. *see* Bahr, J. 11796
Singerman, R., Berilla, J., Kotzar, G., Daly, J., Davy, D.T. A six-degree-of-freedom transducer for in vitro measurement of patellofemoral contact forces 24150
Singh, A. Measurement-based techniques for evaluation of human interfaces 39756
Singh, A., Cova, P., Masut, R.A. Energy density distribution of interface states in Au Schottky contacts to epitaxial $In_{0.21}Ga_{0.79}As$:Zn layers grown on GaAs by metalorganic vapor phase epitaxy 19743
Singh, A., Hannaman, G.W. Human reliability assessment and enhancement during outages 39787
Singh, A. *see* Changkakoti, R. 12432
Singh, A. *see* Moieni, P. 47659
Singh, A. *see* Moieni, P. 47660
Singh, A. *see* Pandey, A. 40915
Singh, A. *see* Singh, S.K. 8045
Singh, A. *(editor)* Conference Record of The Twenty-Sixth Asilomar Conference on Signals, Systems and Computers (Cat. No.92CH3245-8) 17737
Singh, A.K. *see* Chandra, A. 25810
Singh, B. A procedure for generating sums of disjoint products 9348
Singh, B., Ghosh, S.K. Network reliability evaluation by decomposition 41013
Singh, B., Mehra, D.K. Predictive vector quantization using steepest descent algorithm 44664
Singh, B., Puttaswamy, P.S., Chandra, A. Microprocessor based design of a firing circuit for three-phase thyristor converter 8607
Singh, B., Ramaswami, S., Lin, W., Avadhany, N. IC wafer reflectivity measurement in the UV and DUV and its application for ARC characterization 2296
Singh, B., Subramanian, G., Tripathi, P.C. Experience with fast bus-transfer (based on phase angle monitoring) in thermal power station 47710
Singh, B. *see* Rai, H.C. 40229
Singh, B. *see* Rajagopal, K.R. 8812
Singh, B. *see* Shridhar, L. 8409
Singh, B. *see* Singh, B.N. 40559
Singh, B. *see* Srivastava, S.P. 25881
Singh, B.K., Gharpure, D.C., Shaligram, A.D., David, S.K. Optical waveguide characterization by digital image processing technique 13580
Singh, B.N., Singh, B., Singh, B.P. Design experience in converter fed cage induction motor 40559
Singh, B.P. *see* Rai, H.C. 40229
Singh, B.P. *see* Rajagopal, K.R. 8812
Singh, B.P. *see* Singh, B.N. 40559
Singh, C., Chander, T.P., Feng, J. Convergence characteristics of two Monte Carlo models for reliability evaluation of interconnected power systems 16204
Singh, C. *see* Gubbala, N. 39505
Singh, C.D. *see* Gupta, B.D. 23684
Singh, D. *see* Verma, S.K. 42190
Singh, D. *see* Verma, S.K. 42243
Singh, D.A., Vizzini, A.J. Structural integrity of composite laminates with interlaced piezoceramic actuators 28333
Singh, D.K., Singh, M.P., Goswami, S. Variability of results of transformer oil dissolved gas analysis 16940
Singh, D.R. *see* Bhattacharya, B.K. 16531
Singh, G. Real-time leader election 37110
Singh, G. *see* Mizuno, M. 45340
Singh, G. *see* Ravindran, K. 45573
Singh, G.B. GRIP: graphics reduced instruction processor 18780
Singh, G.K., Bhattacharyya, M. Estimation of torque-slip characteristic of induction motor operating on non-sinusoidal supply. A computerized approach 40179
Singh, G.K., Tiwari, S.N., Kumar, A. Observation on design and analysis of six-phase induction motor 40157
Singh, G.P., Steinke, D.A., Tsou, J.L. Heat Exchanger Workstation: a comprehensive software tool for heat exchanger operation and maintenance 39698
Singh, G.P. *see* Abbott, R.C. 32682
Singh, H., Sirkis, J. Micro-mechanical analysis of thick composites with embedded optical fibers 31256
Singh, H. *see* Ng Geok See 13684
Singh, H. *see* Subbarao, D. 44126
Singh, H. *see* Sung, E. 21989
Singh, I., Kumar, B., Dutta Roy, S.C. Explicit formulas for computing a digital sequence from its moments 29575
Singh, I.B. *see* Agrawal, S.L. 6687
Singh, I.P. *see* Kaushik, S. 32734
Singh, I.P. *see* Kaushik, S. 47756
Singh, J., Bhatti, S.S. Application of non-linear electronic components in the modelling of human gall bladder system 9934
Singh, J., Bhatti, S.S. Electronic circuit model for dynamic analysis of human gall bladder system 24140
Singh, J., Tewari, R., Pal, B.P. A technique to characterize polished fiber blocks at near-infrared wavelengths 3074
Singh, J., Vellaikal, M., Dat, R. Gas flow effects in synthesis of diamond by hot-filament chemical vapor deposition 18300
Singh, J. *see* Kyu Nam Lim 3180
Singh, J. *see* Sun, H.C. 20782
Singh, J. *see* Sun, H.C. 20895
Singh, J. *see* Vurgaftman, I. 12093
Singh, J. *see* Vurgaftman, I. 20777
Singh, J. *see* Vurgaftman, I. 43833
Singh, J. *see* Vurgaftman, I. 43896
Singh, J. *see* Zhu, F. 17386
Singh, J.P. *see* Cook, R.L. 25805
Singh, K., Kumar, A. Noise figure comparison of analog and digital beamformers 29366
Singh, K. *see* Kamra, K. 11574
Singh, K. *see* Kumar, S. 3922
Singh, K. *see* Kumar, S. 29027
Singh, K. *see* Shukla, A.K. 27244
Singh, K.N. *see* Gupta, S.C. 14639
Singh, L. *see* Gupta, J.K. 4117
Singh, L.P. *see* Gupta, A.K. 39659
Singh, M. Dimensioning of AXE exchange 14338
Singh, M., NessAiver, M. Accurate intensity correction for endorectal surface coil MR imaging of the prostate 15753
Singh, M. *see* Martin, J.B. 15721
Singh, M. *see* Pospishil, A. 1597
Singh, M.P., Sharma, E.K. Analysis of leaky modes in ARROW structures by a simple numerical method 21362
Singh, M.P. *see* Gupta, N. 21363
Singh, M.P. *see* Sharma, E.K. 20337
Singh, M.P. *see* Singh, D.K. 16940
Singh, N. Forecasting time-dependent failure rates of systems operating in series and/or in parallel 33433
Singh, N. Time series analyses of the estimated reliability of systems composed of components operating in series and/or in parallel 33434
Singh, N. *see* Dondi, P. 24920
Singh, N.B. *see* Dwivedi, V.K. 11323
Singh, N.K. *see* Foord, J.S. 42782
Singh, P. *see* Garg, R.L. 9380
Singh, P. *see* Sharma, E.K. 3081
Singh, P.K. *see* Liu, W.-T. 26185
Singh, R. Applications and structure of EWSD 14336
Singh, R. *see* Singh, S. 466
Singh, R. *see* Singh, S. 21155
Singh, R. *see* Singh, U. 9398
Singh, R. *see* Thakur, R.P.S. 19492
Singh, R.A. *see* Ansari, T.H. 10678
Singh, R.K., Gilbert, D., Tellshow, R., Koba, R., Ochoa, R., Simmons, J.H., Holloway, P.H., Rodgers, J., Buckle, K. Remote ECR plasma deposition of diamond thin films from water-methanol mixtures 857
Singh, R.K. *see* Bender, H.A. 28584
Singh, R.K. *see* Mandal, S. 19879
Singh, R.K. *see* Staehle, S.S. 18282
Singh, R.N. *see* Tripathi, L.N. 20517

Singh, R.P., Sinha, J.N. Environmental effect on the performance of metal oxide arrester 8010
Singh, R.P., Srivastav, S.K. Passive-microwave radiometry of multilayer snow surfaces 39394
Singh, R.P. *see* Joshi, R.V. 2220
Singh, R.P. *see* Saha, D.P. 48117
Singh, R.Shankar *see* Shankar Singh, R.
Singh, S., Shaligram, A.D. Optical processing system for industrial process control application 20476
Singh, S., Singh, R. On the use of Levin's T-transform in accelerating the summation of series representing the free-space periodic Green's functions 466
Singh, S., Singh, R. Use of linear and nonlinear algorithms in the acceleration of doubly infinite Green's function series 21155
Singh, S., Sridhar, M.A. Gossiping on interval graphs [computer networks] 30490
Singh, S. *see* Liang, S. 34840
Singh, S. *see* Zarrabi, J.H. 3475
Singh, S.K., Singh, A., Pandey, G.N. Global geothermal energy scenario 8045
Singh, S.N., Kaira, P.K., Srivastava, S.C. Novel non-iterative load flow for voltage contingency analysis 32198
Singh, S.N., Yim, W. Sliding mode velocity estimation and control of mechanical manipulators 31477
Singh, S.P., Pathak, S.K., Maurya, K.K. Thin metallic film X-band waveguide terminations 27176
Singh, U., Upadhyay, S.K., Singh, R. Bayes estimators of exponential parameters utilizing a guessed guarantee with specified confidence 9398
Singh, U. *see* Upadhyay, S.K. 26250
Singh, U.K., Chandra, A. Environmental aspects of coal based Indian MHD power plants 25311
Singh, U.K. *see* Chandra, A. 25310
Singh, U.K. *see* Chandra, A. 25327
Singh, U.K. *see* Chandra, A. 25777
Singh, U.P. *see* Srivastava, P.C. 28080
Singh, U.S. *see* Basu, D. 32034
Singh, V., Shankar, G., Nayak, K.D. W band mixer in planar configuration 27279
Singh, V.K., Diwan, A.A. A heuristic for decomposition in multilevel logic optimization 33980
Singh, V.P. *see* Raposo, J.A. 31355
Singh, Y.P., Zaidi, Z.H. Measurement of temperature profiles of tungsten strip lamps used as standard temperature source for calibration of optical radiation pyrometers 46655
Singh Bhatia, C. *see* Strom, B.D. 2819
Singh Chawla, M., Sarkar, B. A novel method for speed control of converter fed DC machine 16894
Singh Darshan *see* Darshan Singh
Singh Deep, G. *see* Cavalcanti, J.H.F. 25457
Singh Jai *see* Jai Singh
Singh Manjit *see* Manjit Singh
Singh Om Pal *see* Om Pal Singh
Singhal, G.K. *see* Jain, V.K. 3365
Singhal, S. *see* Kawashima, M. 21965
Singhal, S.C. Tubular solid oxide fuel cells 17377
Singhal, S.C., Iwahara, H. *(editors)* Proceedings of the Third International Symposium on Solid Oxide Fuel Cells 9129
Singher, L., Shamir, J. Waveguide holographic elements recorded by guided modes 44149
Singhoff, W. New playback-head azimuth test 23367
Singhroy, V., Slaney, R., Lowman, P., Harris, J., Moon, W. RADARSAT and radar geology in Canada 32074
Singhvi, N.K. *see* Ghose, K. 5966
Singhvi, P.K. *see* Pithawa, C.K. 8115
Singkofer, K.A., McCarthy, J.E. Validation and utility of the background model in the Advanced Surveillance Testbed 32027
Singleton, J. *see* Vuong, T.H.H. 27518
Sinha, A.K., Madhavan, N., Das, J.J., Sugathan, P., Kataria, D.O., Patro, A.P., Mehta, G.K. Heavy ion reaction analyzer (HIRA): a recoil mass separator facility at NSC 31800
Sinha, A.K., Madhavan, N., Das, J.J., Sugathan, P., Subramaniam, E.T., Kataria, D.O., Chacko, J., Sharma, R.P., Kumar, B., Ghosh, S., Mandal, A., Patro, A.P., Mehta, G.K. First results of the recoil mass separator HIRA 24117
Sinha, A.K. *see* Jain, P.K. 27432
Sinha, A.K. *see* Kumar, L. 30908
Sinha, A.P. *see* Biswas, B.N. 19047
Sinha, B. *see* Besson, R.J. 14930
Sinha, B.K., Onodera, S., Jinzaki, Y., Obuchi, A., Groves, J. Temperature derivative of stress coefficients of SAW resonator frequency from pressure sensor measurements 6481
Sinha, B.K. *see* Das, B.N. 12621
Sinha, B.K. *see* Vargheese, O.J. 29322
Sinha, C.S. *see* Hossain, J. 8246
Sinha, D., Peacock, M., Van Winkle, J. System automation—development of a PC-based data acquisition system for high-purity water for the electronic industry 17643
Sinha, D., Tewfik, A.H. Low bit rate transparent audio compression using adapted wavelets 44974
Sinha, D. *see* Dougherty, E.R. 30034
Sinha, D. *see* Laplante, P.A. 36791
Sinha, D. *see* Sinha, P. 4911
Sinha, J.N. *see* Singh, R.P. 8010
Sinha, N.D., Haddad, R.A. A multiresolution coder with edge-sensitivity 30058
Sinha, P., Sinha, D., Dougherty, E.R. Shape detection via fuzzy morphology 4911
Sinha, P. *see* Dougherty, E.R. 30034
Sinha, P.K., Hadjiiski, L.M., Zhou, F.B., Kutiyal, R.S. Electromagnetic suspension: new results using neural networks 48367
Sinha, P.K., Zhou, F.B., Kutiyal, R.S. Fault detection in electromagnetic suspension systems with state estimation methods 48363
Sinha, R.K. *see* Jao, Y.-W. 16635
Sinha, S. *see* Hyoun Soo Kim 20372
Sinha, S. *see* Sang-Kook Han 3107
Sinharoy, S., Buhay, H., Francombe, M.H., Lampe, D.R. $BaMgF_4$ thin film development and processing for ferroelectric FETs 43225
Sinilo, V.P. *see* Rodionova, N.V. 38151
Sinitsin, S.V. Resonant γ-filter for Mossbauer spectroscopy 7305
Sinitski, R.E. *see* Chang, D.D. 42339
Sinitski, R.E. *see* Chang, D.D. 42340
Sinitskii, V.B., Turgenev, T.S., Shirmanova, S.I. Measurement and calculation of atmospheric refraction angles using satellite-to-sea RF probing 32094
Sinitsyn, A.K. *see* Kurayev, A.A. 42368
Sinitsyn, G.V., Apanasevich, S.P., Lyakhnovich, A.V., Karpushko, F.V. All-optical implementation of information shift on the base of transverse effects in optical bistability 11758
Sinitsyn, G.V. *see* Goncharova, O.V. 3787
Sinitsyna, I.Z. *see* Krishtafovich, I.A. 32912
Sinka, V. *see* Ferrante, M. 43252
Sinkjaer, T. *see* Vestergaard-Poulsen, P. 38982
Sin'ko, D.V., Anikeev, V.V. A cw YAG:Nd^{3+} laser with acoustoelectrooptic Q-switching 35749
Sinkwitz, S. *see* Czech, G. 28048
Sinno, T. *see* Brown, R.A. 41230
Sinor, T.W., Standifird, J.D., Taylor, K.N., Hong, C., Carroll, J.J., Collins, C.B. Low-energy conversion electron Mossbauer spectroscopy using a chevron microchannel plate detector 7309
Sinott, J. *see* Wood, M. 46891
Sinram, K. *see* Balewski, K. 46775
Sinsky, J.H. *see* Sloan, R.F. 45774
Sinta, R. *see* Pavelchek, E. 11071
Sintov, Y. *see* Yatsiv, S. 11977
Sinyak, Y., Nagano, K. Global energy strategies to control future carbon dioxide emissions 39704
Sinyakova, A.M. *see* Stognii, V.S. 31169
Sinyukov, A.M. *see* Dossadin, V.I. 12424
Sinyukov, A.M. *see* Gerasimova, T.N. 29063
Sinyukov, A.M. *see* Konstantinova, A.V. 29064
Sinzinger, S. *see* Bahr, J. 11796
Sinzinger, S. *see* Brenner, K.-H. 11663
Sinzinger, S. *see* Brenner, K.H. 20369
Sinzinger, S. *see* Dorsch, R.G. 36073
Siohan, P. *see* Ouvrard, V. 14788
Siong Kiat Yong *see* Yong Siong Kiat
Sipe, J.E. *see* Mizrahi, V. 43390
Sipek, E. *see* Juska, G. 28603
Sipek, E. *see* Kocka, J. 40482
Sipovskaya, M.A. *see* Voronina, T.I. 42416
Siqing Li *see* Jixian Feng 951
Siqueira, P. *see* Ulaby, F.T. 46095
Sira, T., Ostenstad, M. Temperature and flow distributions in planar SOFC stacks 17314
Siraiwa, T. *see* Hirota, T. 6373
Siraut, P. *see* Sobieski, P. 22936
Sirazetdinov, V.S. *see* Resunkov, Yu.A. 35960
Sirenko, Yu. *see* Bannov, N. 27530
Siri, A.S. *see* Calzona, V. 31165
Siri, K., Caliskan, V.A., Lee, C.Q., Agarwal, G.C. Peak power tracking in parallel connected converters 25552
Siri, K., Hung, C.Y., Fang, S.J. State-plane approach to the small signal model of parallel resonant converters 18478
Siri, K. *see* Wu, T.-F. 25551
Sirisena, H.R. *see* Hartanto, F. 37064
Sirisena, H.R. *see* Waterman, M.G. 37574
Sirkis, J. *see* Chang, C.-C. 6548
Sirkis, J. *see* Singh, H. 31256
Sirkis, J.S. Optical and mechanical isotropies in embedded fiber optic sensors 31262
Sirkis, J.S., Brennan, D.D., Putman, M.A., Berkoff, T.A., Kersey, A.D., Friebele, E.J. In-line fiber etalon for strain measurement 20306
Sirkis, J.S., Dasgupta, A. Analysis of a damage sensor based on elastic-plastic metal coatings on optical fibers 23651
Sirkis, M.D. *see* Karady, G.G. 35107
Sirodzhi, R.F. *see* Abdushukurov, D.A. 38843
Sirohi, R.S. *see* Krishna Mohan, N. 3915
Sirohi, R.S. *see* Masalkar, P.J. 3108
Sirohi, R.S. *see* Masalkar, P.J. 21361
Sirois, Y. *see* Dingus, P. 31700
Siroky, K. Use of the Seebeck effect for sensing flammable gas and vapours 15108
Sirotkin, O.L. An investigation of amplitude and phase fluctuations in Thomson systems with delayed feedback and randomly varying parameters 33929
Sirtori, C., Capasso, F., Cho, A.Y. New class of coupled-quantum-well semiconductors with large electric field-tunable nonlinear susceptibilities in the infrared 36007
Sirtori, C., Faist, J., Capasso, F., Sivco, D.L., Cho, A.Y. Photocurrent reversal induced by localized continuum resonances in asymmetric quantum semiconductor structures 19358
Sirtori, C., Faist, J., Capasso, F., Sivco, D.L., Cho, A.Y. New optical absorption and photocurrent reversal phenomena induced by localized continuum resonances in quantum well heterostructures 42515
Sirtori, C. *see* Faist, J. 20554
Sirugue-Collin, M. *see* Bellissard, J. 33861
Sisa, E.M. Spinning a new yarn with SIMOVERT 33170
Sisakyan, I.N. *see* Petrov, N.I. 12613
Sisk, R.C., Helton, A.J. Scanning instrumentation for measuring magnetic field trapping in high T_c superconductors 6742
Siskos, S. *see* Balleur, M. 9947
Siskos, S. *see* Givelin, P. 1034
Sissoko, G. *see* Ba, B. 8772
Sisto, R., Valenzano, A. A formalization of the FIP protocol using Estelle 37485
Sisto, R. *see* Ajmone Marsan, M. 37153
Sitaram, A.R., Fernandes, M.G., Pintchovski, F.S., Kottke, M.L., Kaushik, V.S. A study of the impact of substrates and precleans on $TiSi_2$ agglomeration using thermal wave analysis 2110
Sitaram, A.R. *see* Lin, Y.-T. 2000
Sitaram, D. *see* Tetzlaff, W. 46246
Sitarski, M. Computer simulation of photophoretic force on rapidly vaporizing heterogeneous droplet 47774
Sitch, J.E. *see* Lee, W.S. 45931
Sitenkov, Yu.L. *see* Voronov, V.I. 12022
Sites, J.R. *see* Liu, X.X. 25704
Sitinh Wang *see* Yinchun Hou 18128
Sitnikov, A.M. *see* Katz, E.A. 27462
Sitnyakovskiy, I.V. *see* Zhuravskiy, O.G. 29701
Sitomer, J. *see* Laubenbacher, C. 24249
Sitter, H. *see* Abramof, E. 41259
Sittig, R. Review of power device concepts 2391
Sittrop, H., Gravesteijn, H., Heemskerk, H.J.M. The influence of the evaporation duct on the angle of arrival and amplitude of the backscattered signal from targets low above the sea 46092
Situ, Y. *see* Kang, B.-W. 11156
Sitzia, A. *see* Spooner, E. 8445
Sitzmann, R., van Kleef, J., Wijnands, H. Electromagnetic compatibility - principles and standards 36255
Siu, B., McMahon, J. Evolution and trends for microprocessors [packaging] 26207
Siu, C. *see* Yanagihara, N. 4938
Siu, K.W. *see* Tam, W.K. 16953
Siu, N. Risk assessment for dynamic systems: an overview 26244
Siu, N. *see* Dang, V. 39927
Siu, W.-C. *see* Chau, L.-P. 33464
Siu Gueigu *see* Shi Baixuan 16019
Siu Lun Ma *see* Ka Hin Leung 9407
Siu Wan-Chi *see* Wan-Chi Siu
Siu-Leong Iu Robust estimation of motion vector fields with discontinuity and occlusion using local outliers rejection 29971
Siu-Wai Chan, Chopra, M., Cheng Chung Chi, Frey, T., Tsuei, C.C. Growth of superconducting Y-Ba-Cu-O films on spinel and garnet 9714
Siu-Wing Cheng *see* Lim, A. 941
Siuta, V.P. *see* Walker, A.T. 19153
Siva Prasad, N., Sri Hari, B., Prakash Ganti, S. An adaptive mesh generation scheme for finite element analysis 33567
Siva Rama Rao, K. *see* Das, B.N. 29229
Siva Sankara Sai, S., Srinivasan, K. A novel fiber-optic integrated cladding mode detector for displacement sensing 31266
Sivabalan, M., Tavares, S.E., Peppard, L.E. On the design of SP networks from an information theoretic point of view 12928
Sivade, A. *see* Hoarau, C. 3051
Sivakumaran, S. *see* Todd, T.D. 6078
Sivalingam, K.M., Dowd, P.W. A performance study of photonic local area network topologies 37540
Sivan, U. *see* Rishton, S.A. 27550
Sivanand, S. On adaptive arrays in mobile communication 45824
Sivananthan, S. *see* Wijewarnasuriya, P.S. 27483
Sivanesan, G. *see* Pandian, S.S. 9500
Sivarajan, K.N. *see* McEliece, R.J. 37817
Sivarajan, K.N. *see* McEliece, R.J. 45862
Sivaram, B.M. *see* Nair, P. 3517
Sivaram, S. *see* Jairath, R. 19606
Sivaraman, M.S. Diversity techniques for digital microwave systems 37723
Sivasankaran, R.M., Purimetla, B., Stankovic, J.A., Ramamritham, K. Network Services Database—a distributed active real-time database (DARTDB) application 5619
Sivashanugam, A. *see* Kumar, G. 8736
Sivco, D.L. *see* Dutta, N.K. 11892
Sivco, D.L. *see* Faist, J. 20554
Sivco, D.L. *see* Hunt, N.E.J. 11870
Sivco, D.L. *see* Kastalsky, A. 11256

Sivco, D.L. *see* Nichols, D.T. 43689
Sivco, D.L. *see* Nogaret, A. 19371
Sivco, D.L. *see* Sirtori, C. 19358
Sivco, D.L. *see* Sirtori, C. 42515
Sivertz, M. *see* Honscheid, K. 46935
Siveski, Z., Bar-Ness, Y., Chen, D.W. Adaptive multiuser detector for synchronous code division multiple access applications 45302
Siveski, Z. *see* Bar-Ness, Y. 37091
Sivitanides, M.P., Monroe, M. Fiberoptics—solutions and opportunities in the electric utility industry 32274
Sivkova, O.D. *see* Borshchan, V.S. 2744
Sivov, A.N. *see* Korshunova, Ye.N. 4289
Sixian Peng *see* Peng Sixian
Sixt, P. *see* Oppliger, Y. 34855
Siy, P., Hu, J.-E. Edge-pixel-based stereo correspondence through ordering-oriented neural networks 22245
Siy, P. *see* Hu, J.-E. 22213
Siy, P. *see* Hu, J.E. 29929
Siyu Zhang *see* Zhang Siyu
Siyuan Han, Baokang Bi, Wenxing Zhang, Lukens, J.E. Demonstration of Josephson effect submillimeter wave sources with increased power 35289
Sizelove, J.R. *see* Look, D.C. 42413
Sizmann, A. *see* Debuisschert, T. 3814
Sizmann, R. *see* Eisenhammer, T. 20500
Sizov, F.F. *see* Tetyorkin, V.V. 28642
Sizov, I.V. *see* Smirnov, N.I. 12816
Sizov, V.P. *see* Nesterov, V.A. 38752
Sizov, V.V. *see* Burakov, V.A. 25706
Sizov, V.V. *see* Koroleva, L.A. 25756
Sjelvgren, D. *see* Tomsovic, K. 32355
Sjobbema, D.J.W. What are tantalum electrolytic capacitors? 19163
Sjobbema, D.J.W. Developments in nuclear spin tomography 24211
Sjoberg, E.S., Barnes, C.F., Moss, K.M. Precision approach radar (PAR)—remote operation feasibility study 47217
Sjoberg, E.S. *see* Barnes, C.F. 46055
Sjoberg, J. *see* Kontro, J. 6269
Sjoberg, J. *see* Ljung, L. 4690
Sjoberg, S. *see* Hansson, U. 37813
Sjogren, L.B., Liu, H.-X.L., Feng Wang, Liu, T., Xiao-Hui Qin, Wenhsing Wu, Chung, E., Domier, C.W., Luhmann, N.C., Jr. A monolithic diode array millimeter-wave beam transmittance controller 34280
Sjolander, G.W. Terminal descent drift detection for Martian landing using a joint transform correlator 39136
Sjolander, S. *see* Caffrey, R.T. 32032
Sjoreen, T.P., Hinneberg, H.-J., Chisholm, M.F. Ion beam synthesis of $IrSi_3$ by implantation of 2 MeV Ir ions 10871
Skaali, B. *see* Muller, H. 46319
Skaar, H.R. A STM-1 radio relay equipment for transmission in frequency bands with about 30 MHz channel spacing 14432
Skaarup, S. *see* Zachau-Christiansen, B. 17335
Skachkov, D.G. *see* Balabin, A.I. 46785
Skachkov, V.S., Selin, A.V., Kapchinskiy, I.M., Lazarev, N.V. Circular permanent magnet quadrupoles for higher frequency and higher shunt-impedance linacs 15543
Skachkov, V.V., Kislitsyn, O.N., Arhaes, M.A. Noise self-compensator with nonlinear stabilization element for dynamic time constant 4770
Skachkov, V.V., Kislitsyn, O.N., Sergeyev, V.V. An analysis of the effectiveness of a polarization autocompensator under noise jamming conditions with a variable polarization ratio angle 16100
Skaf, A., Bajard, J.-C., Guyot, A., Muller, J.-M. A VSLI circuit for on-line polynomial computing: application to exponential, trigonometric and hyperbolic functions 34017
Skaf, A. *see* Moussa, I. 34016
Skafidas, P.D. *see* Vlachos, D.S. 6663
Skakun, V.S. *see* Abdullin, E.N. 3429
Skakun, V.S. *see* Boichenko, A.M. 17589
Skakun, V.S. *see* Kuznetsov, A.A. 3421
Skala, G.F. *see* Kilmartin, S. 32830
Skala, J., Kralikova, B., Chvojka, M. The influence of the ignition on the flashlamp effectivity 40652
Skala, J. *see* Beranek, J. 35659
Skala, J. *see* Krasa, J. 38849
Skaliukh, A.S. *see* Vatul'yan, A.O. 43222
Skaloud, T. *see* Bauch, L. 27761
Skanata, D., Pevec, D. Evaluation of ecological results and risk from earlier shut-down of Krsko nuclear power plant 25130
Skare, J. *see* Godinovic, N. 46710
Skarha, J. *see* Amidei, D. 46890
Skarha, J. *see* Tkaczyk, S. 46989
Skauli, T., Colin, T., Lovold, S. Improved substrate temperature control for growth of twin-free cadmium mercury telluride by molecular beam epitaxy 41321
Skavantzos, A. *see* Rao, P.B. 26837
Skavantzos, A. *see* Stouraitis, T. 26849
Skeens, J. *see* Abbott, B. 7245
Skeer, J. *see* Garribba, S. 48402
Skeldon, M.D., Bui, S.T. Temporal pulse-width control of a regenerative amplifier with intracavity etalons 28912
Skeldon, M.D. *see* Soures, J.M. 3410
Skellern, D. *see* Myles, A. 14143
Skellern, D. *see* Myles, A. 22362
Skellern, D.J. *see* Mahon, S.J. 19037
Skelly, J.F. *see* Huang, H. 7044
Skelly, P., Schwartz, M., Dixit, S. A histogram-based model for video traffic behavior in an ATM multiplexer 22715
Skeppstedt, O. *see* Moszynski, M. 15632
Skerjanc, R. *see* Jin Liu 4870
Skerl, O., Schmidt, W., Specht, O. Application of the Wigner distribution for time-frequency analysis of nonstationary signals 31141
Sketchley, J.M. Gas in oil analysis—methods and equipment re-assessed 47947
Skevington, P.J. *see* Davies, G.J. 41380
Skibenko, A.I., Voitsenya, V.S., Pavlichenko, R.O., Tereshin, V.I., Fomin, I.P., Chebotarev, V.V. Development and study of carbon-graphite heavily plasma-loaded microwave components 42139
Skibinski, G.L., Divan, D.M. Design methodology and modeling of low inductance planar bus structures 8552
Skiest, S. *see* Sakakura, M. 14503
Skillicorn, I.O. *see* Beaumont, S.P. 15637
Skinner, A.J. Bidirectional continuous-mode flyback invertor 17053
Skinner, B.J., Ingels, F.M., Donohoe, J.P. The effect of radar signal construction on detectability 46058
Skinner, B.J. *see* Crowe, M.S. 44697
Skinner, D. *see* Ziock, H.-J. 46885
Skinner, D. *see* Ziock, H.J. 7184
Skinner, D.A., Bruneteau, A.M., Berlemont, P., Courteille, C., Leroy, R., Bacal, M. Isotope effect in negative ion production 38822
Skinner, D.K., Hetherington, A.V., Augustus, P.D. Probing for answers: Caswell's approach to materials analysis 18329
Skinner, D.R. *see* Benke, K.K. 45205
Skinner, I. *see* Arkwright, J. 35400
Skinner, I. *see* Arkwright, J. 35965
Skinner, I.M. *see* Granpayeh, N. 35396
Skinner, I.M. *see* Lederer, M.J. 35395
Skinner, J. *see* Ferguson, R. 26942
Skinner, R.G. World energy future: the demand side challenge 25104
Skinner, T. Harness multiprocessing power for DSP systems 34081
Skinner, T. *see* Holt, J. 30334
Skipwith, D. Standalone's not the only way 45427
Skitmore, R.M., Stradling, S.G., Tuohy, A.P. Human effects in early stage construction contract price forecasting 40862
Skjoth, N.E. *see* Clausen, M.B. 45775
Sklansky, J. *see* Ribas-Corbera, J. 29803
Sklansky, J. *see* Suzuki, S. 36905
Sklansky, J. *see* Suzuki, S. 45194
Sklar, B. Defining, designing, and evaluating digital communication systems 21486
Sklenicka, V. *see* Akbar, A. 47551
Sklyarenko, V.I. *see* Mikhailov, V.G. 46793
Sklyarevich, A.N. Analysis of the possible effect of a sequence of "bad" channel states on frame transmission in a large file 5163
Sklyarevich, A.N. A semi-Markovian method for evaluation of information channel performance in compliance with protocol X.25 5245
Sklyarevich, A.N. Protocol parameter choice for large file transmission in presence of Markovian errors 37131
Skobelev, S.P., Vyazigin, A.S. Design and testing of a linear antenna array of coupled two-mode waveguides 29393
Skocki, S. *see* Rangelow, I.W. 27758
Skoda, S. *see* Thomas, H.G. 7155
Skodras, A.N. *see* Walmsley, N.P. 36983
Skokljev, I.A. *see* Duric, M.B. 47344
Skolbelkin, O.K., Manenkov, A.A., Litvin, G.D., Eliseenko, V.I., Denisov, N.N., Bagdasarov, V.Kh., Starkovsky, A.M., Yakimenko, A.P. Dynamics and morphology of tissue cutting by laser radiation: a review 47118
Skold, J. *see* Lindell, F. 5773
Skold, J. *see* Lindell, F. 45863
Skolnick, M.S. *see* Emeny, M.T. 656
Skolnick, M.S. *see* Harrison, P.A. 42857
Skolnick, M.S. *see* Mowbray, D.J. 33629
Skolnick, M.S. *see* Turner, T.S. 42505
Skomski, R. *see* Coey, M.D. 20126
Skoog, H. *see* Qi Huang 21146
Skopintsev, V.A. *see* Barinov, V.A. 16127
Skopintsev, V.A. *see* Barinov, V.A. 39535
Skopintseva, V.A. *see* Vasin, V.P. 24816
Skopljak, E. *see* Corda, J. 8729
Skoric, Z. *see* Zelenika, D. 45718
Skorin-Kapov, D. *see* Granot, D. 41062
Skoriukin, V.E. *see* Kradinova, L.V. 1867
Skorlygin, V.A. *see* Ponomarev-Stepnoi, N.N. 7549
Skormin, V.A., Apone, J., Dunphy, J.J. On-line diagnostics of a self-contained flight actuator 39161
Skormin, V.A., Herman, C.R., Tascillo, M.A., Nicholson, D.J. Mathematical modeling and simulation analysis of a pointing, acquisition, and tracking system for laser-based intersatellite communication 14556
Skormin, V.A., Tascillo, M.A., Nicholson, D.J. Jitter rejection technique in a satellite-based laser communication system 14653
Skorodumov, I.A. *see* Nesterov, S.M. 30902
Skorton, D.J. *see* Melton, H.E., Jr. 7410
Skorupa, W. *see* Bischoff, L. 27655
Skorupa, W. *see* Panknin, D. 27505
Skorupa, W. *see* Weber, R. 34674
Skorynin, Yu.V., Nasledyshev, Yu.K., Lavrovskii, S.D., Shapar, V.A., Kotikova, L. Measuring system for monitoring and diagnostics 38382
Skotheim, T.A. *see* Lan, H.L. 23733
Skotheim, T.A. *see* Xue, K.H. 25638
Skou, E. *see* Lundsgaard, J.S. 17298
Skouby, K.E. *see* Falch, M. 14007
Skouby, K.E. *see* Muller, J. 5283
Skov, K. *see* Monrad, L.G. 36368
Skovgaard, N.H. *see* Gruner-Nielsen, L. 5916
Skovgaard, N.H. *see* Haslov, P. 2981
Skovoroda, A.R. *see* Yemelyanov, S.Y. 7400
Skowronek, K. *see* Nawrowski, R. 33894
Skowronek, M. *see* Ikhlef, A. 7161
Skowronek, M. *see* Ikhlef, A. 7308
Skowronski, M. *see* Park, Y. 42659
Skowzgird, R.J. *see* Blomgren, J.C. 32604
Skrabka, T. Properties of Au-Ge ohmic contacts after the alloying process 19650
Skrebtsov, S.A. *see* Belov, S.P. 30700
Skriec, D., Krajcar, D., Blagajac, S. GIS applications for electric power system analyses and planning 39563
Skripal, A.V. *see* Usanov, D.A. 10447
Skripal, A.V. *see* Usanov, D.A. 11128
Skripkina, V.T. *see* Britvich, G.I. 7165
Skrivervik, A.K., Mosig, J.R. Analysis of finite phase arrays of microstrip patches 21440
Skrk, D. *see* Cindro, V. 27399
Skryabin, D.V., Radin, A.M. The corrections to the paraxial approximation for the laser cavity modes 44014
Skryl, Yu.I. *see* Abashkina, S.A. 3326
Skryl'nikov, A.I. *see* Vdovin, S.S. 6717
Skrynnik, B.K. *see* Shestopalov, V.P. 10395
Skrynnik, B.K. *see* Shestopalov, V.P. 14374
Skrypnik, L.V. A monopulse radiator [for reflector antennas] 36385
Skrypnik, L.V. *see* Mirnyi, S.V. 10409
Skrypnik, L.V. *see* Pochernyaev, V.N. 12658
Skrzypcak, E. *see* Bachler, J. 46934
Skubic, P. *see* Wood, M. 46891
Skudelny, H.-C., Mertens, A., Langer, J.-G. Comparative study of high power devices in converter circuits 8601
Skugge, G. *see* Tomsovic, K. 32355
Skumiel, A., Kaczmarek, M. Continuous wave methods applied in determining the velocity of fast ultrasonic waves in saturated porous media 24554
Skupien, Z. The complete graph t-packings and t-coverings 26294
Skupsky, S., Kessler, T.J. Strategies for ultra-high laser uniformity using zero-correlation phase masks 35932
Skupsky, S. *see* Soures, J.M. 3410
Skupsky, S. *see* Yung-Ho Chuang 35945
Skvarc, J. *see* Ilic, R. 39127
Skvarla, M.J. *see* Yeong-Ah Soh 27653
Skvor, Z., Kadlec, F., Bruneau, A.-M., Lotton, P. Piezoelectric transducer with monoaxially oriented piezopolymer diaphragm 38439
Skvortsov, E.K., Tsapenko, M.P. Phase-to-frequency conversions of binary pulse sequences 14920
Skytta, J. *see* Vuori, J. 22750
Skzhipchik, A. *see* Serenko, A.N. 9041
Slaa, P. *see* van Cuilenburg, J. 37187
Slaboszewicz, C. *see* Louie, B. 7932
Slack, B. *see* Babalow, A.F. 96
Slade, G.B. Impact of competition on nuclear production 32272
Slade, G.W. *see* Carin, L. 4208
Slade, P.G. *see* Smith, R.K. 25044
Slade, S.B. *see* Parker, F.T. 35209
Sladek, I., Tolasz, R., Miessler, M. Wind energy in a varied terrain 25334
Slager, J., Gudger, K., Williams, T., Heller, L., Svensson, C., Madden, L., Allstot, D.J., Yetter, J. Competing CMOS circuit techniques 28279
Slaght, S.J., Stratton, L.A. Concurrent engineering control without complexity 23449
Slagle, K.A. San Onofre—the evolution of outage management 32564
Slak, L.H. *see* Walker, A.T. 19153
Slama, J., Hala, I. Properties of SF_6 during the operation and breakdowns of electrical equipment 28317
Slamani, M., Weiner, D., Tsao, T., Varshney, P., Schwarzlander, H., Borek, S. Continuous-time continuous-frequency and discrete-time discrete-frequency ambiguity functions 14689
Slamani, M. *see* Chakravarthi, P.R. 23126
Slamani, M. *see* Tsao, T. 14688
Slamani, M.A., Weiner, D.D. Comparative study of the transversal filter with conventional DFT processing in a nonlinear radar receiver 23162
Slaney, R. *see* Singhroy, V. 32074
Slaninka, P., Lelak, J. Thermal ratios in cable interconnections 32434
Slaoui, A. *see* Hartiti, B. 10804
Slaoui, A. *see* Hartiti, B. 10847

Slaoui, A. *see* Hartiti, B. 48122
Slarke, L. Bipolar transistor circuits for amplifiers 41701
Slaski, L.K. *see* Vannicola, V.C. 30879
Slater, C. Spectrum-analyzer-based system simplifies noise figure measurement 15189
Slater, C.O. *see* Alsmiller, F.S. 31541
Slater, D. *see* Sampath, S. 4548
Slater, D.B., Jr., Enquist, P.M., Hutchby, J.A., Morris, A.S., Trew, R.J. Pnp HBT with 66 GHz f_{max} 42897
Slater, M., Farmwald, M., Hannah, M., James, D.V., Karp, J.A., Kumanoya, M., Szarek, J. Which DRAM will win the great DRAM sweepstakes? 26957
Slater, S. *see* Toukhy, M. 11006
Slater, S.G. *see* Nalamasu, O. 11060
Slatnick, K. *see* Korevaar, E. 6046
Slaton, J. *see* Burgess, B. 41930
Slattery, I. Why Australia chose GSM 37854
Slaughter, J.M. *see* Ruffner, J.A. 18168
Slaughter, R.J. *see* Metra, P. 16382
Slauta, S.P. *see* Zhuravskii, A.G. 9863
Slauta, S.P. *see* Zhuravskii, A.G. 18345
Slavik, C.J. *see* Fahim, A.A. 8392
Slavin, A.N., Rojdestvenski, I.V. "Bright" and "dark" spin wave envelope solitons in magnetic films 43243
Slavin, L.M. *see* Briggs, P.R., Jr. 5708
Slavin, V.S., Zelinsky, N.I., Lazareva, N.N., Persianov, P.G. Disk closed cycle MHD generator with Faraday-type channel working on pure noble gas 25831
Slavutsky, L.A. WKB approximation for inverse problem of radiowave refraction 12611
Slay, B. *see* Martin, S. 336
Slayton, R. *see* Suleiman, O.H. 15941
Slayton, R.J. *see* Suleiman, O.H. 24179
Sleat, W.E. *see* Spence, D.E. 43815
Sleczka, E.J. *see* Harding, K.G. 30147
Sledziewski, Z. *see* Courteille, C. 15597
Sledziewski, Z. *see* Courteille, C. 46816
Sleeckx, E., Nagels, P., Callaerts, R., Van Roy, M. Plasma-enhanced CVD of amorphous Ge_xS_{1-x} and Ge_xSe_{1-x} films 9763
Slemmons, J.W. *see* Hughes, L.A. 10598
Slemmons, W., Redmond, P., Woolston, F., Messner, J., Minson, R. Nondestructive TAB bond testing for multichip modules 9267
Slemon, G.R. On the design of high-performance surface-mounted PM motors 40554
Slemon, G.R. *see* Wu, B. 8817
Slenczka, A. *see* Ottinger, C. 43746
Slessinger, E.D., Gerber, R.L., Harms, W.B., Klein, E.E., Purdy, J.A. Independent collimator dosimetry for a dual photon energy linear accelerator 31998
Sletbak, J., Sikotra, D. The influence of irradiation on partial discharge measurements 2691
Sletten, M.A., Trizna, D.B., Wu, J. Laboratory studies of the spectral properties of sea spikes 23174
Sleva, M.Z., Hunt, W.D. Transient analysis of a PVDF Fresnel zone plate 16051
Slijters, W.J.A. KANVAS: the local loop and switch information system of PTT Telecom 5398
Slimane, S.B., Le-Ngoc, T. Performance of 16-QPOM signals on a fading mobile satellite channel 45788
Slimane-Kadi, M. *see* Boubekeur, A. 18775
Slinkman, J.A. *see* Voldman, S.H. 28277
Sliwinski, A. *see* Roland-Mieszkowski, M. 20442
Sliwinski, G. *see* Cenian, A. 11971
Sliwinski, G. *see* Cenian, A. 11974
Sliwinski, G. *see* Kukiello, P. 11970
Sliwinski, G. *see* Rabczuk, G. 11972
Sloan, I.H. *see* Joe, S. 33545
Sloan, J.A., Small, D.W. Design and fabrication of a miniaturized optical correlator 29983
Sloan, K.R., Campbell, D. Texture as information 29760
Sloan, L. *see* Huang, H. 23976
Sloan, L. *see* Katz, B.A. 2331
Sloan, R. *see* Davis, L.E. 1434
Sloan, R.F., Bokulic, R.S., Sinsky, J.H. An X-band telecommunications transmitter for the mid-course space experiment 45774
Sloan, S.M. *see* Burtt, J.D. 25177
Sloan, T. *see* Beaumont, S.P. 15637
Sloan, T. *see* Caussyn, D.D. 7026
Sloan, T. *see* Caussyn, D.D. 38778
Sloan, T. *see* Ellison, M. 38779
Sloan, T. *see* Lee, S.Y. 7040
Sloan, T. *see* Li, D. 6973
Sloane, N.J.A. *see* Conway, J.H. 29462
Sloane, N.J.A. *see* Hammons, A.R., Jr. 12845
Sloane, T.H. *see* Wu, Q. 18601
Slobodchikov, E.V. *see* Ivanov, A.A. 28772
Slobodchikov, S.V., Kovalevskaya, G.G., Pentsov, A.V., Salikhov, K.M. Multiplication of photocurrent in Pd-SiO_2-$n(p)$-Si diode structures 11846
Slobodchikov, S.V. *see* Kovalevskaya, G.G. 34607
Slobodchikova, S.V. *see* Il'in, V.A. 38648
Slobodin, D. *see* Kahn, F.J. 6699
Slobodnik, A.J., Jr., Webster, R.T. An alternative stability factor for amplifier design 33906
Sloboshanin, S. *see* Yunkin, V.A. 27757
Slock, D.T.M. On the convergence behavior of the LMS and the normalized LMS algorithms 13215
Slock, D.T.M. Underdetermined growing and sliding window covariance fast transversal filter RLS algorithms 21775
Slock, D.T.M. On the normalization of the step size in nonsymmetric stochastic gradient algorithms 29611
Slocum, J., Wang, P. Preliminary study on the discrimination of atrial fibrillation and regular tachycardias using a measure of non-uniformity in intra-atrial leads 24283
Sloman, M.S. *see* Moffett, J.D. 30310
Slon, G. Analysis of induction motor's work with pulse regulation 47869
Slonim, M.A., Slonim, T.Y. A comparison between different methods for the spectral analysis of experimentally obtained waveforms 13297
Slonim, T.Y. *see* Slonim, M.A. 13297
Slosar, J.M. *see* Petrick, N. 15636
Slosarcik, S. *see* Bansky, J. 23545
Slot, K. Optically realized feedback cellular neural networks 3268
Slot, K. *see* Kacprzak, T. 1360
Slot, P.J.M.van der *see* van der Slot, P.J.M.
Slotboom, J.W. *see* Hurkx, F. 34895
Slotboom, J.W. *see* Streutker, G. 11172
Sloth, K. *see* Godlove, T.F. 31785
Slotwinski, A.R. *see* Vazquez, S.L. 45491
Slouf, J., Drahy, J., Duchek, K. New generation of SKODA steam turbines for the Czech power engineering system 32731
Slovikovskii, B.G. *see* Bushlyakov, A.I. 47972
Slowinski, R. Strict and weak indiscernability of objects described by quantitative attributes with overlapping norms 41081
Slugen, V. In-mast sipping for VVER-440 fuel assemblies 47684
Sluijk, T.G.B. *see* Kroes, F.B. 7141
Sluijs, M.J.van der *see* van der Sluijs, M.J.
Sluis, L.Van der *see* Van der Sluis, L.
Sluis, P.Van der *see* Van der Sluis, P.
Sluiter, A. *see* Schropp, R.E.I. 33069
Slump, C.H. On image compression related to image formation, capture and quality 13550
Slump, C.H. *see* Berkhoff, A.P. 21874
Slusar, A. *see* Mylnikov, V. 3227
Slusher, R.E., Levi, A.F.J., Mohideen, U., McCall, S.L., Pearton, S.J., Logan, R.A. Threshold characteristics of semiconductor microdisk lasers 3620
Slusher, R.E. *see* Hobson, W.S. 20771
Slusher, R.E. *see* Mohideen, U. 43899
Slusher, R.E. *see* Yamamoto, Y. 3722
Slutskiy, A.A. *see* Ardzhanov, A.S. 28076
Slyn'ko, E.I. *see* Chishko, V.F. 11847
Slypen, I., Corcalciuc, V., Ninane, A., Meulders, J.P. Charged particles produced in fast neutron induced reactions on ^{12}C in the 45-80 MeV energy range 31673
Smadja, G. *see* Angelini, F. 46951
Smadja, G. *see* Bosio, C. 15618
Smagin, Yu.A. *see* Shadrin, M.P. 10247
Smaili, K., Charpillet, F., Haton, J.-P. MAUD: a voice-based interface for capturing texts read aloud 21701
Smaili, Y.A., Alouani, A.T. An H_∞ governor exciter controller design for a power system 25384
Smajkiewicz, A. *see* Edlou, S.M. 11805
Smakhtin, A.P. *see* Rybakov, V.V. 32016
Smakhtin, V.P. *see* Aulchenko, V.M. 7220
Smakhtin, V.P. *see* Bes'chastnov, P.M. 46433
Small, B.A., Hudgens, R.D., Meyer, S.A. SEM inspection methods for process development and manufacturing of a 0.25 μm T-gate GaAs MESFET fabrication 17928
Small, C.H. Where CMOS rules, multiplexers slave 26813
Small, C.H. Shrinking devices put the squeeze on system packaging 40928
Small, D.W. *see* Sloan, J.A. 29983
Small, M.B. *see* Hu, C.-K. 34822
Smallen, M., Lee, J.J.K. Pole tip recession measurements on thin film heads using optical profilometry with phase correction and atomic force microscopy 2811
Smalley, A.J. *see* Simmons, H.R. 47623
Smalley, G. *see* Makovich, L. 39529
Smandek, B. *see* Eichler, H.J. 3745
Smara, Y. *see* Chibani, Y. 47225
Smart, A.P. *see* Sotomayor Torres, C.M. 42487
Smart, C. *see* Grill, A. 28336
Smart, C.J., Reynolds, S.K., Stanis, C.L., Patil, A., Kirleis, J.T. Chemical vapor deposition of copper alloys 41470
Smart, J.P. *see* Woycenko, D.M. 32738
Smart, R.G., Zyskind, J.L., DiGiovanni, D.J. Two-stage erbium-doped fibre amplifiers suitable for use in long-haul soliton systems 30718
Smart, R.G., Zyskind, J.L., Sulhoff, J.W., DiGiovanni, D.J. Effect of pumping configuration on noise figure and efficiency for 0.98 μm-pumped saturated erbium-doped fibre amplifiers 3514
Smart, T. *see* Lilien, J.L. 16392
Smart, T.E., Lougheed, M.R. Pickering NGS—a reactivity mechanism deck maintenance 16598
Smatlak, D. *see* Lane, B. 10907
Smead, M. *see* Tatro, P.J. 14369
Smedes, T., Klaassen, F.M. Influence of channel series resistances on dynamic MOSFET behaviour 28125
Smedley, K. *see* Jach, C. 15554
Smedley, S.A. BiCMOS circuit design using the lateral PNP. A model and some circuit applications 2687
Smeets, B. *see* Johansson, T. 29478
Smeets, R.P.P., Funahashi, T., Kaneko, E., Ohshima, I. Types of reignition following high-frequency current zero in vacuum interrupters with two types of contact material 40364
Smela, E., Inganas, O., Lundstrom, I. Conducting polymers as artificial muscles: challenges and possibilities 26529
Smend, F. *see* v. Edel, G. 7156
Smentkowski, V.S., Yates, J.T., Jr. Temperature control and measurement for diamond single crystals in ultrahigh vacuum 9506
Smerdov, V.Yu. *see* Mogilin, V.I. 26759
Smestad, G. Testing of dye sensitized TiO_2 solar cells. II. Theoretical voltage output and photoluminescence efficiencies 48139
Smestad, G., Bignozzi, C., Argazzi, R. Testing of dye sensitized TiO_2 solar cells I: experimental photocurrent output and conversion efficiencies 48138
Smestad, G.P. On the verification of the current voltage characteristics and efficiencies in dye sensitized TiO_2 solar cells 40464
Smet, H.De *see* De Smet, H.
Smet, J.H. *see* Hirayama, Y. 44076
Smetana, W., Nicolics, J. Application of integrated thick-film thermocouples for a laser power detector 14934
Smets, G., Overbeeke, K. Industrial design engineering and the theory of direct perception 40897
Smets, R.C.J. *see* Jones, B.K. 19760
Smeulders, A.W.M. *see* Worring, M. 37031
Smeyne, M.A. System test: what is it? Why bother defining it? 259
Smid, M.E., Branstad, D.K. Response to comments on the NIST proposed Digital Signature Standard 21530
Smijan, O.D. *see* Torchinskaya, T.V. 11874
Smilansky, Z. *see* Sherman, R. 433
Smilauer, P. *see* Yvedensky, D.D. 9593
Smilgevicius, V., Stabinis, A. Two-beam pumped travelling-wave optical parametric generator 35993
Smil'gyavichus, A.Yu. *see* Karalyunas, V.S. 32865
Smilgys, R.V. *see* Leone, S.R. 18227
Smilovitz, D. *see* Singer, S. 42098
Smilowitz, L. *see* Sariciftci, N.S. 20513
Smilowitz, L.B. Conjugated polymers: modern electronic materials 33764
Smirnov, A.I. Photosensitivity and detection capacity of an infrared photodetector structure with integration of the light flux 31220
Smirnov, A.V. *see* Shcheslov, A.S. 32593
Smirnov, G.T. *see* Yalandin, M.I. 27431
Smirnov, I.A., Korennov, B.E., Igolka, L.P. A system of heat supply to the Northern regions of Moscow from Konakovo Central Power Station with the use of heat pumps 8158
Smirnov, I.A. *see* Igolka, L.P. 8157
Smirnov, I.A. *see* Kachan, A.D. 16684
Smirnov, I.A. *see* Korennov, B.E. 8156
Smirnov, I.A. *see* Vol, M.A. 16668
Smirnov, N., Nedev, N., Boursas, A. Investigation of the magnetosensitivity of a dual-emitter dual-base structure in oscillator mode of operation 14940
Smirnov, N. *see* O'Brien, E. 31743
Smirnov, N.B. *see* Milvidskaya, A.G. 27485
Smirnov, N.I., Eidinov, M.A. Comparison of the noise immunity of a digital data transmission system with spread-spectrum signals using phase-shift keying with a separate sync signal and DPSK 14380
Smirnov, N.I., Seregin, Yu.V., Sizov, I.V. Analysis of the form of minimum-shift frequency-shift-keyed complex signals taking into account the inertia of the signal generating and processing devices 12816
Smirnov, N.L. *see* Ageev, A.I. 15546
Smirnov, O. *see* Ranucci, G. 24062
Smirnov, S.B. *see* Oleinikov, A.M. 40522
Smirnov, V.A. *see* Alpat'ev, A.N. 28787
Smirnov, V.I. *see* Ovvyan, P.P. 23048
Smirnov, V.K. *see* Amirov, I.I. 27670
Smirnov, V.M. *see* Andrianov, V.A. 47246
Smirnov, V.P. *see* Shcheslov, A.S. 32593
Smirnov, V.V. *see* Gerke, R.R. 36074
Smirnov, Yu.V. *see* Kukhtin, V.P. 15581
Smirnov Valerij, V., Pei Xian-Deng, Zhang Sheng-Hua Hierarchical diagram and software for the processing of orthogonal planned experiment 31116
Smirnova, E.P. *see* Yushin, N.K. 11417
Smirnova, M.I. *see* Arkhipova, T.A. 6559
Smirnova, T.A., Filippov, Yu.F. Interaction of spin waves of specular ferrite layer with the waveguide modes of a planar dielectric waveguide 12670
Smirnova, T.N. *see* Obukhovskii, V.V. 3930
Smirnova, T.V. *see* Khasanov, O.K. 11567
Smirnova, V.A. *see* Kachanov, V.A. 7163
Smirnova, V.B. *see* Leonov, G.A. 998

Smirnyi, M.F. *see* Kritskii, A.G. 18344
Smit, B. *see* van de Goor, A.J. 10184
Smit, B.de *see* de Smit, B.
Smit, E.F.J. *see* Stringer, E. 14445
Smit, G.J.M., Havinga, P.J.M. The architecture of rattlesnake: a real-time multimedia network 13961
Smit, G.J.M., Havinga, P.J.M. Performance analysis of routing algorithms for the Rattlesnake network 14222
Smit, M.C., Ferreira, J.A., van Wyk, J.D., Ehsani, M. Technology for manufacture of integrated planar LC structures for power electronic applications 1033
Smit, M.K., Pennings, E.C.M., Blok, H. A normalized approach to the design of low-loss optical waveguide bends 44526
Smit, M.K. *see* Amersfoort, M.R. 35455
Smit, P. *see* Inggs, M.R. 14707
Smit, T.A. The poor gain from statistical multiplexing in the homogeneous and the heterogeneous case 13859
Smit, W. *see* Langerak, J.J. 38909
Smith, A. *see* Dutta, J. 33675
Smith, A. *see* Harshavardhan, K.S. 43340
Smith, A.A., Barnes, L.R. 400 MW state-of-the-art PC-fired utility power plant in the making 32652
Smith, A.C. *see* Wells, P. 22959
Smith, A.D. *see* Wright, A.P. 3666
Smith, A.E., McDuff, R.G., Heckenberg, N.R. Optical limiting in InSb at room temperature, for the pulsed CO_2 laser 20951
Smith, A.H. Phase mask machining for high throughput via formation 343
Smith, A.H. *see* Malloy, D.D. 33378
Smith, A.I.C. *see* Anderson, R.J. 6911
Smith, A.I.C. *see* Wilson, M.N. 7113
Smith, A.J., Cotton, P.D., Robertson, J.S. Transient (≈10 s) VLF amplitude and phase perturbations due to lightning-induced electron precipitation into the ionosphere (the 'Trimpi effect') 4130
Smith, A.L. *see* Nikzad, S. 673
Smith, A.R., Romeiser, D. Rye House 700 MW combined cycle power station 40010
Smith, A.W. Analysis of textured solar cells at various angles of incidence: Fresnel concentration to 500 suns 33046
Smith, A.W., Rohatgi, A. Non-isothermal extension of the Scharfetter-Gummel technique for hot carrier transport in heterostructure simulations 19708
Smith, B. Six-sigma design [quality control] 220
Smith, B. *see* Kohn, I. 1365
Smith, B. *see* Wilson, M.P. 27238
Smith, B. *see* Yarborough, R. 1613
Smith, B. *see* Zuniga, M. 27971
Smith, B.A., Jurich, M., Moerner, W.E., Volksen, W., Best, M.E., Fleming, W., Swalen, J.D., Bjorklund, G.C. Lightwave transmission of multiple television signals using an organic polymer electro-optic phase modulator 43542
Smith, B.A. *see* Sim, S.R. 7931
Smith, B.A. *see* Thackara, J.I. 43546
Smith, B.C., Rowe, L.A. Algorithms for manipulating compressed images 4787
Smith, B.C. *see* Rowe, L.A. 6256
Smith, B.D. *see* Manglos, S.H. 15747
Smith, B.D. *see* Schepler, K.L. 20711
Smith, B.H. *see* Perera, B.S.P. 25421
Smith, B.R. *see* Becker, U.J. 7207
Smith, B.R. *see* Chang, Y.-H. 31738
Smith, B.T. U.S. Coast Guard Aireye remote sensing system: the system—its uses—future upgrades 39168
Smith, B.T. *see* Ananda, A. 15467
Smith, B.V. The modelling of underwater, electroacoustic, sonar transducers 39415
Smith, B.W., Flagello, D.G., Summa, J.R., Fuller, L.F. Comparison of scalar and vector diffraction modelling for deep-UV lithography 2373
Smith, B.W., Gower, M.C., Westcott, M., Fuller, L.F. A 193 nm deep-UV lithography system using a line-narrowed ArF excimer laser 2379
Smith, B.W. *see* Connors, J.E. 2344
Smith, B.W. *see* Holscher, R. 2375
Smith, B.W. *see* Toledo-Crow, R. 15205
Smith, C. A new approach to network structure using SDH 45426
Smith, C. *see* Miller, R. 29761
Smith, C. *see* Pilacinski, J. 2497
Smith, C., Jr. *see* Priest, J. 19258
Smith, C., Jr. *see* Priest, J. 34416
Smith, C.D. *see* Auckland, D.W. 28314
Smith, C.G., Field, M., Pepper, M., Ritchie, D.A., Frost, J.E.F., Jones, G.A.C., Hasko, D.G. A non-invasive voltage probe to measure Coulomb charging 42534
Smith, C.G. *see* Cairns, G. 35648
Smith, C.G. *see* Dzurak, A.S. 1878
Smith, C.G. *see* Liang, C.-T. 42527
Smith, C.H., Nathasingh, D.M. Magnetic characteristics of amorphous metal saturable reactors in pulse power systems 7285
Smith, C.J.T. *see* McDonnell, D.G. 46552
Smith, C.L., Calley, M.B. Limitations in calculating risk-based allowable outage times at nuclear power plants 16584
Smith, C.P. *see* Tang, D.Y. 35651
Smith, D. A 7.2-16.5 GHz image reject receiver for telecommunication applications 22783
Smith, D. SMPS design 41629
Smith, D. SMPS design 41671
Smith, D., Perks, C.A. Calibration of the sulphur detection in the UK criticality dosemeter 39119
Smith, D., Wearden, T. Safe, efficient optical interconnects for cable TV 14817
Smith, D., Zhu, H. Properties of high intensity discharge lamps operating on reduced power lighting systems 17593
Smith, D. *see* Aizenbud, Y. 1120
Smith, D. *see* Anderson, G. 38901
Smith, D.A., d'Alessandro, A., Baran, J.E., Fritz, D.J., Hobbs, R.H. Reduction of cross talk in an acousto-optic switch by means of dilation 28537
Smith, D.A. *see* d'Alessandro, A. 3239
Smith, D.A. *see* Fermann, M.E. 3240
Smith, D.A. *see* Rauen, K.L. 14969
Smith, D.C. Techniques and methodologies for making system level ESD response measurements for troubleshooting or design verification 31413
Smith, D.E., Hugenberg, K.F., Flatley, J.E., Garrett, H.E. Transient radiation effects in annealed proton exchange $LiBnO_3$ and $LiTaO_3$ waveguides 3099
Smith, D.G. *see* Bedi, I.S. 22461
Smith, D.G. *see* Hunter, D.K. 6071
Smith, D.H. *see* Kidner, D.B. 36214
Smith, D.I. *see* Bannister, D.J. 42232
Smith, D.J. Instrumentation and controls are going state-of-the-art [power station computer control] 25090
Smith, D.J. AFBC becomes a viable option for power generation 39922
Smith, D.J. Germany emphasizes power plant pollution control 39924
Smith, D.J. Advanced gas turbines provide high efficiency and low emissions 47769
Smith, D.J. *see* Bhat, S.S. 38987
Smith, D.K. *see* Abbas, G.L. 39285
Smith, D.L. A suggestion for specification of the neutron energy scale in measurements, analyses and evaluations of differential reaction cross-section data 24123
Smith, D.L. *see* Yang, K. 718
Smith, D.M., Goodman, C.J., Zelaya, H. GTO thyristor modelling using SABER 41643
Smith, D.M., Zelaya, H., Goodman, C.J. Implementation, characterisation and refinement of a GTO model 2491
Smith, D.P. *see* Komiak, J.J. 1618
Smith, D.P. *see* Mecherle, G.S. 14563
Smith, D.R. Digital transmission systems. Second edition 17697
Smith, D.R., Cybrowski, W.J., Zawislan, F., Arnstein, D., Dayton, A.D., Studwell, T.D. Contingency/disaster recovery planning for transmission systems of the Defense Information System Network 37168
Smith, D.R. *see* Kroll, N. 6877
Smith, D.W. Progress towards end-to-end photonic networks 38020
Smith, D.W. *see* Burnett, I.M. 30591
Smith, E., Besson, M., Lewis, R., Porobic, R., Kung, J. A laboratory testbed for the conformance testing of TMN system 37302
Smith, E.A. *see* Galani, Z. 19068
Smith, E.B., Lin, H., Rost, T.A., Rabson, T.A. Characteristics of lithium niobate based capacitors and transistors 35200
Smith, E.C. *see* Petersen, E.L. 34872
Smith, E.D. *see* Menezes, C.O. 18916
Smith, E.D. *see* Tabory, C.N. 42907
Smith, E.D. *see* Young, P.G. 19069
Smith, E.K. *see* Hayakawa, M. 44427
Smith, E.T. *see* O'Grady, D.S. 2353
Smith, F. *see* Kazanzides, P. 24370
Smith, F.D. *see* Jeffay, K. 13960
Smith, F.G. *see* Paul, H.A. 24369
Smith, F.J. *see* Ming, J. 36586
Smith, F.W. Device applications of low-temperature-grown GaAs 1852
Smith, F.W. *see* Chen, Y. 6505
Smith, F.W. *see* Gupta, S. 1854
Smith, F.W. *see* van Rheenen, A.D. 19898
Smith, F.W. *see* Yayun Lin 35018
Smith, G., van Steerteghem, J.-P. Seamless ATM networks 14150
Smith, G. *see* Aubourg, E. 19925
Smith, G. *see* Drake, D. 6183
Smith, G. *see* Rose, G. 14238
Smith, G. *see* Stockwell, W. 18495
Smith, G. *see* Young, B.A. 24033
Smith, G.A., Stephens, R.G., Marshall, P., Kansara, M. A sinewave interface for variable-speed wind turbines 16744
Smith, G.A. *see* Abbott, B. 7245
Smith, G.A. *see* Abbott, B. 31776
Smith, G.A. *see* Jones, R. 25341
Smith, G.A. *see* Ruddell, K. 25294
Smith, G.B. *see* Bell, J.M. 35480
Smith, G.B. *see* Cochrane, G. 33670
Smith, G.C. *see* Boysel, R.M. 3146
Smith, G.C. *see* Kumar, S. 2237
Smith, G.E., White, I.A. Optical fibre reflectometer temperature sensor 38539
Smith, G.F., Browne, G.J. Conceptual foundations of design problem solving 17801
Smith, G.H. *see* Bassett, R.N. 351
Smith, G.J. SCADA in wind farms 16739
Smith, G.L. *see* Hazra, R. 22089
Smith, G.M., Forbes, D.V., Coleman, J.J., Verdeyen, J.T. Optical properties of reactive ion etched corner reflector strained-layer InGaAs-GaAs-AlGaAs quantum-well lasers 20783
Smith, G.M. *see* Fang, Z.J. 35883
Smith, G.M. *see* Robertson, D.A. 42207
Smith, G.R., Andonovic, I., Culshaw, B., Beaumont, C.J., Cassidy, S.A., MacKenzie, F., Nield, M.W. Performance of silica-on-silicon waveguides for optical signal processing 5049
Smith, G.R. *see* Adye, T. 38896
Smith, G.R. *see* Wakelin, S. 11760
Smith, G.S. *see* Maloney, J.G. 4296
Smith, G.S. *see* Maloney, J.G. 44587
Smith, G.S. *see* Maloney, J.G. 44636
Smith, G.W. Mixing and phase separation in liquid crystal/matrix systems 11703
Smith, G.W. IVR application helps JEA answer outage calls 32342
Smith, G.W. *see* Adler, F. 27553
Smith, G.W. *see* Daniels, M.E. 19379
Smith, G.W. *see* Hutchinson, H.J. 19402
Smith, G.W. *see* Jenkins, R.M. 28516
Smith, G.W. *see* Prins, F.E. 27542
Smith, G.W. *see* Thompson, J.H. 2017
Smith, H., Gardiner, J.G., Barton, S.K. Measurements on the satellite-mobile channel at L and S bands 37930
Smith, H. *see* Barlatey, L. 12754
Smith, H.G. *see* Tamanaha, C. 38951
Smith, H.I., Schattenburg, M.L. X-ray lithography, from 500 to 30 nm: X-ray nanolithography 2299
Smith, H.I., Schattenburg, M.L. Lithography for manufacturing at 0.25 micrometer and below 11271
Smith, H.I. *see* Ferrera, J. 27909
Smith, H.I. *see* Gupta, N. 27314
Smith, H.I. *see* Hector, S.D. 27990
Smith, H.I. *see* Hector, S.D. 28024
Smith, H.I. *see* Moel, A. 27897
Smith, H.I. *see* Schattenburg, M.L. 27978
Smith, H.I. *see* Wong, V.V. 28853
Smith, H.J.T. *see* Blackburn, J.A. 43354
Smith, H.K., Mosig, J.R., Guglielmi, M. Multimode network approach for the solution of two-dimensional waveguide discontinuities 29254
Smith, H.L. Innovation strategies in the flow measuring industry: the cases of the UK, France and Belgium 31512
Smith, H.S. *see* Phadke, A.G. 47608
Smith, H.V., Jr., Allison, P., Geisik, C., Orbesen, S.D., Schmitt, D.R., Schneider, J.D., Stelzer, J.E., Abel, B., Birnbaum, I., Heuer, R., Porter, J., Sredniawski, J. CW 8X ion source development 38827
Smith, H.V., Jr., Allison, P., Sherman, J.D. Penning surface-plasma source scaling laws—theory and practice 38826
Smith, I.C. *see* Wake, D. 5985
Smith, I.C. *see* Wake, D. 23272
Smith, I.K. Development of the trilateral flash cycle system. Part 1: fundamental considerations 32647
Smith, I.O. *see* Atrens, A. 18368
Smith, I.R. *see* Abdulrahman, S.M. 25860
Smith, I.R. *see* Kettleborough, J.G. 48279
Smith, I.R. *see* Vadher, V.V. 8727
Smith, I.R. *see* Vadher, V.V. 47883
Smith, J., Liu, G., Fonash, S.J. Design optimization for a low-temperature TFT process using the device simulator AMPS 2-D 28175
Smith, J. *see* Hutter, L. 11328
Smith, J.A. LAI inversion using a back-propagation neural network trained with a multiple scattering model 32115
Smith, J.A. Performance of a horizontally scanning Doppler sonar near shore 39398
Smith, J.C. Replacement nuclear steam generators 16604
Smith, J.C. P5-67 MHz secondary cache methodology 26973
Smith, J.E. Low voltage standard [for logic design] 18667
Smith, J.E. Design automation for very large ASIC design 26912
Smith, J.F. A summary of spacecraft avionics functions 39292
Smith, J.F. *see* McKinley, J.T. 44082
Smith, J.G. *see* Alexander, J.P. 24110
Smith, J.L. EMI filters for power supplies 27043
Smith, J.M. Power system simulator for engineers (PSS/E) in the operations environment 39456
Smith, J.M., Traw, C.B.S. Giving applications access to Gb/s networking 5474
Smith, J.M. *see* Khan-Cheema, U.M. 42852
Smith, J.Macgregor *see* Macgregor Smith, J.
Smith, J.P. *see* Hutter, L.N. 11325
Smith, J.R. Electrical engineering training: an international perspective 9159
Smith, J.R. The reduction of common-mode errors in impedance spectroscopy 46573
Smith, J.R., Fatehi, F., Woods, C.S., Hauer, J.F., Trudnowski, D.J. Transfer function identification in power system applications 24720
Smith, J.R. *see* Papadopoulos, D.P. 25409

Smith, J.S. *see* Bicknell, A. 40991
Smith, J.S. *see* Gulden, K.H. 33639
Smith, J.S. *see* Kiesel, P. 35492
Smith, J.S. *see* Stone, D.A. 31314
Smith, J.S. *see* Tsai, M.J. 45973
Smith, J.S. *see* Wilson, G.C. 12222
Smith, J.S. *see* Wilson, G.C. 28825
Smith, J.S. *see* Yeh, H.-J.J. 43831
Smith, J.W. Conformance testing and certification [differentiation in a crowded market] 33344
Smith, K., Kaufman, J. Doubling the clock speed: feasibility study on a 486-50 cache module at 100 MHz 18717
Smith, K., Lucek, J.K. Modelocked fiber lasers promise high-speed data networks 23077
Smith, K. *see* Hart, N. 37745
Smith, K. *see* Lucek, J. 12406
Smith, K. *see* Lucek, J.K. 4808
Smith, K. *see* Muench, F.J. 16359
Smith, K. *see* Prasannan, V. 23459
Smith, K.C. *see* He, X. 22174
Smith, K.D. *see* Bearnson, G.B. 15923
Smith, K.G. *see* Bostak, C.J. 17814
Smith, K.M. *see* Beaumont, S.P. 15637
Smith, K.S., Steski, D.B., Zarcone, M.J., Thieberger, P. Heavy ion source development at Brookhaven National Laboratory's Tandem Van de Graaff Facility 46822
Smith, L. Multichip modules: a potential opportunity for high T_c superconductors? 26205
Smith, L. Facsimile transmission: progress in resource sharing 30364
Smith, L. *see* Carnegie, D. 12995
Smith, L. *see* Graham, R.M. 18157
Smith, L. *see* Hahn, K. 15479
Smith, L.E. *see* Chirovsky, L.M.F. 20491
Smith, L.E. *see* Freund, J.M. 3863
Smith, L.E. *see* Swaminathan, V. 3864
Smith, L.E. *see* Swaminathan, V. 6504
Smith, L.K. *see* DeLoach, L.D. 43756
Smith, L.K. *see* Payne, S.A. 20731
Smith, L.K. *see* Payne, S.A. 43787
Smith, M. A new RISC-based data acquisition system 38415
Smith, M. *see* Merkel, G. 34490
Smith, M. *see* Miller, R.B. 34489
Smith, M. *see* Tella, R. 42300
Smith, M.A. *see* Danson, C.N. 3569
Smith, M.A. *see* Hudson, E.J. 7501
Smith, M.A. *see* Latorella, K.A. 7530
Smith, M.A. *see* Temme, M.I. 7550
Smith, M.F. *see* Turkington, T.G. 15751
Smith, M.J.S. ASIC technologies 18651
Smith, M.J.S. *see* Rivard, W.G. 18899
Smith, M.J.T., Chung, W.C. Spatially adaptive IIR analysis-synthesis filter banks for image coding 29813
Smith, M.J.T. *see* Kossentini, F. 7580
Smith, M.J.T. *see* Kossentini, F. 45215
Smith, M.J.T. *see* Nayebi, K. 34175
Smith, M.R. Constrained ARMA method for magnetic resonance imaging 7344
Smith, M.S., Wood, D.H., Drischler, J.D. An assessment of liquid-metal centrifugal pumps at three fast reactors 8091
Smith, M.T. *see* Brackett, C.A. 6056
Smith, N. Reciprocity principles for magnetoresistive heads 2840
Smith, N., Goelzer, G., Hanna, M., Troccolo, P. Minimising optical overlay measurement errors 15211
Smith, N.J.T. *see* Beaman, J. 15641
Smith, N.P.A. *see* Elsonbaty, N. 25253
Smith, P. Tariffs and high-speed networking 22412
Smith, P. Tariffs and high-speed networking 22414
Smith, P. FACTS opportunities in Ireland 39573
Smith, P. Cryptography without exponentiation 44672
Smith, P. Data oppportunities and limitations in the water industry 45495
Smith, P. *see* Bar-Yam, Z. 46864
Smith, P. *see* Kuo, C. 18714
Smith, P. *see* Shafi, M. 5293
Smith, P. *see* Sridhar, B. 22067
Smith, P.D., Kriegsmann, G.A. Coupling studies of a slit cylindrical cavity using the on-surface radiation condition method 12714
Smith, P.D. *see* Cloude, S.R. 46046
Smith, P.D. *see* Lambert, A. 44576
Smith, P.F., Player, M.A. Ultrasonic surface parameterisation using maximum entropy signal processing 6810
Smith, P.F. *see* Davies, G.J. 24078
Smith, P.F. *see* Davies, G.J. 31740
Smith, P.F. *see* Spooner, N.J.C. 7167
Smith, P.F. *see* Spooner, N.J.C. 7180
Smith, P.H. *see* Murphy, T.C. 17249
Smith, P.J., Faulkner, D.W., Hill, G.R. Evolution scenarios for optical telecommunication networks using multiwavelength transmission 30739
Smith, P.J., Lennon, M.J.J. LUC: a new public key system 21623
Smith, P.J., Owen, M.J., Holm, P.H., Toskey, G.A. Surface studies of corona-treated silicone rubber high-voltage insulation 35178
Smith, P.J. *see* Kaiser, C.P. 45942
Smith, P.J. *see* Layton, C.F. 24398
Smith, P.J. *see* Lealman, I.F. 37978
Smith, P.J. *see* Steyn-Ross, M.L. 24513
Smith, P.L. *see* Hsia, S.L. 739
Smith, P.L. *see* Hsia, S.L. 33663
Smith, P.M. *see* Edmonson, P.J. 5861
Smith, P.M. *see* Fu, S.T. 1534
Smith, P.M. *see* Ho, P. 11242
Smith, P.M. *see* Nordheden, K.J. 2129
Smith, P.R., Green, D.A., Naimimohasses, R., Thomason, H. Neural network processing of scattered light measurements in the detection of immiscible water pollutants 16020
Smith, P.R. *see* Dutta, N.K. 11892
Smith, P.R. *see* Feygenson, A. 10475
Smith, P.R. *see* Fullowan, T.R. 2455
Smith, P.R. *see* Witmer, S.B. 2471
Smith, P.W. *see* Cullis, A.G. 19568
Smith, P.W. *see* Graneau, N. 47924
Smith, P.W.E. All-optical devices: materials requirements 21062
Smith, R. *see* Coglianese, L. 24422
Smith, R. *see* Coglianese, L. 39180
Smith, R. *see* Conley, W. 42816
Smith, R. *see* Sachdev, H. 28046
Smith, R. *see* Schormans, J.A. 30167
Smith, R.A., Taylor, R.M. The Benefield Anechoic Facility (BAF) threat generation system 47176
Smith, R.A. *see* Danson, C.N. 3569
Smith, R.A. *see* Luan, S. 20969
Smith, R.A. *see* Mali, E.J. 32707
Smith, R.C., Phillips, R.A., Ziegler, T.W., Kerstring, K.J., Dallen, J.V., Henning, W.A., Stiller, M.H., Collette, R.J. Union Electric Company's NO_x reduction program for a 600 MW pulverized coal T-fired utility boiler 8184
Smith, R.E., Houde-Walter, S.N. The migration of bound and leaky solutions to the waveguide dispersion relation 43465
Smith, R.F. The Aspen Labs SABRE 2400 electrosurgical generator: a design for manufacturability case study 15889
Smith, R.H. *see* Ruffin, P.B. 6531
Smith, R.J. *see* Davies, I.R.L. 23713
Smith, R.J., II, Hunter, P.R. MCMs for parallel computers 307
Smith, R.K., Slade, P.G., Sarkozi, M., Stacey, E.J., Bonk, J.J., Mehta, H. Solid-state distribution current limiter and circuit breaker: application requirements and control strategies 25044
Smith, R.L., Bray, A.V., Coates, D.K. Impedance spectroscopy as a technique for monitoring aging effects in nickel hydrogen and nickel-metal hydride batteries 17238
Smith, R.L. *see* Jackson, D.R. 21400
Smith, R.P. *see* Abernathy, R.W. 33541
Smith, R.P. *see* Abernathy, R.W. 33542
Smith, R.P. *see* Ballingall, J.M. 1640
Smith, R.P. *see* Boden, A. 38859
Smith, R.P. *see* Konishi, Y. 10462
Smith, R.P. *see* Williams, D.L. 35918
Smith, R.R. *see* Benford, J.N. 1793
Smith, R.W. *see* Sahl, J.D. 39112
Smith, S. X.25 to ATM: migration issues in the wide area 14151
Smith, S. *see* Bliss, W.G. 10272
Smith, S. *see* Guy, C.N. 31946
Smith, S. *see* Holslin, D. 24076
Smith, S. *see* Scofield, J. 42789
Smith, S.C. *see* Kumar, M. 10818
Smith, S.D., Fitz, J.L., Whisnant, J.K. CW operation of corner cavity semiconductor lasers 20784
Smith, S.D., Walker, A.C. Technologies for free-space digital optical systems demonstrators 3261
Smith, S.D. *see* Hermes, L.G. 39379
Smith, S.D., Neale, R.F. *(editors)* Optical information technology. State-of-the-art report 40760
Smith, S.E. *see* Sprinkle, J.K., Jr. 38914
Smith, S.J.M. *see* Allen, P.J. 39042
Smith, S.L. *see* Clarke, J.A. 7130
Smith, S.L. *see* Clarke, J.A. 15361
Smith, S.T. *see* Chetwynd, D.G. 38703
Smith, S.T. *see* Liu, X. 15216
Smith, S.T. *see* Liu, X. 23893
Smith, S.W., Light, E.D. Two-dimensional array transducers using hybrid connection technology 16045
Smith, S.W., Light, E.D. Two-dimensional array transducers using thick film connection technology 24548
Smith, S.W. *see* Goldberg, R.L. 15706
Smith, T. *see* Stefanakos, E. 48289
Smith, T.E. *see* Law, H.H. 34456
Smith, T.G.Aguierre *see* Aguierre Smith, T.G.
Smith, T.J. Application of Space Station Freedom (SSF) DMS technology to fault tolerant avionics systems 39176
Smith, T.J. Specification of sampled data system timing parameters for hard-real-time avionics systems 39288
Smith, T.M. *see* Hinkel-Lipsker, D.E. 4119
Smith, T.R. Development and use of an effective acoustic valve leak detection system 32528
Smith, W. *see* Schafer, E. 28907
Smith, W.A. Limits to the enhancement of piezoelectric transducers achievable by materials engineering 16060
Smith, W.E., Riek, J.K., Tekalp, A.M. Reconstruction of a three-dimensional volume from a motion-corrupted two-dimensional data set in magnetic resonance imaging 39024
Smith, W.H. The SDC trigger system 38926
Smith, W.H., Tokushuku, K., Wiggers, L.W. The Zeus trigger system 38930
Smith, W.H. *see* Kinnel, T.S. 38880
Smith, W.H. *see* Wang, M.-Z. 31689
Smith, W.L. *see* Lee, G.-S. 10861
Smith, W.M. *see* Bayly, P.V. 24288
Smith, W.M. *see* Rollins, D.L. 38948
Smith, W.M. *see* Simpson, E.V. 24304
Smith, W.S., Wittke, P.H., Campbell, L.L. Error probabilities on fading channels with intersymbol interference and noise 36452
Smithand, E.H., Jr. *see* Green, P.E., Jr. 5560
Smithhisler, C. *see* Kamon, M. 26612
Smithrick, J.J., Britton, D.L. NASA Lewis advanced individual pressure vessel (IPV) nickel/hydrogen technology 32044
Smithrick, J.J. *see* Lim, H.S. 40441
Smits, J. *see* Hengeveld, H.J. 8938
Smits, J. *see* Hengeveld, H.J. 8939
Smits, J.G., Choi, W.-s. Equations of state including the thermal domain of piezoelectric and pyroelectric heterogeneous bimorphs 2719
Smits, J.G., Wai-Shing Choi Dynamic behavior and shifting of resonance frequencies of ZnO on Si_3N_4 bimorphs 28305
Smits, J.G. *see* Choi, W.-S. 6483
Smits, J.G. *see* Choi, W.-s. 11400
Smitten, F.J.In Der *see* In Der Smitten, F.J.
Smokelin, J.-S. *see* Casasent, D. 4915
Smol', A.V. *see* Batalov, A.A. 46920
Smolak, A. *see* Buchacher, E. 47798
Smolcic, Z., Gasparac, I. Voltage among adjacent commutator bars by unsymmetrical double lap armature winding of D.C. machine 40236
Smolders, J., Van Compernolle, D. Phonetic bootstrapping of word models for speaker independent isolated word recognition 13138
Smole, F., Furlan, J., Topic, M. Internal electric field in light-degraded p-i-n a-Si:H solar cells 33030
Smolenski, D.J. *see* Wang, S.S. 31178
Smoliar, S.W. *see* Li Qun Ruan 13741
Smoliner, J. *see* Berthold, G. 42536
Smoliner, J. *see* Diniz, R. 11127
Smoliner, J. *see* Gornik, E. 42483
Smoliner, J. *see* Suski, T. 42503
Smolinski, P. *see* Saliba, T.E. 38698
Smol'nikov, A.P., Kuznetsov, N.S., Kussul, A.M., Uteshev, A.S. DC teststand 33333
Smol'yakov, E.R. Zero-sum equilibria 9392
Smolyakov, S.V. *see* Florentsev, S.N. 40334
Smorenburg, C. *see* Bokhove, H. 32084
Smorodin, V.I., Kramarskii, V.A., Kuz'min, V.V., Cheremisov, I.Ya. Concept of untraditional design of the end zone of the stator of a turbogenerator with full air cooling 32825
Smorodin, Yu.A. *see* Mamidjanian, E.A. 15652
Smotherman, M., Chawla, S., Cox, S., Malloy, B. Instruction scheduling for the Motorola 88110 34109
Smulders, P.F.M. Deterministic modeling of MM-wave indoor radio propagation 36219
Smulders, P.F.M., Wagemans, A.G. A statistical model for the MM-wave indoor radio channel 37795
Smulders, P.F.M., Wagemans, A.G. Wide-band measurements of MM-wave indoor radio channels 37797
Smy, T. *see* Liu, D. 10997
Smy, T.J. *see* Winterton, S.S. 27580
Smye, S.W., Sutcliffe, J., Pitt, E. A comparison of four commercial systems used to measure whole-body electrical impedance 7446
Smyrl, W.H. *see* Atanasoski, R.T. 40448
Smyrski, J. *see* Ernst, J. 31659
Smyshilyaev, S.P. *see* Pevny, S.N. 35657
Smyth, N.F. *see* Malomed, B.A. 3026
Smyth, P. *see* Mckee, P. 12488
Smyth, P. *see* Miller, J.W. 21477
Smyth, P.P. *see* Cochrane, P. 5896
Smyth, P.P. *see* McCullagh, M.J. 45980
Smythe, C. *see* Hadjitheodosiou, M.H. 22590
Smythe, C. *see* Jones, S.P.W. 13912
Smythe, C. *see* Komisarczuk, P. 14186
Smythe, C. *see* Sun, Z. 5857
Smythe, R.C. *see* Vig, J.R. 20100
Smyton, P.A. Overview of data fusion activities and techniques 21740
Snail, K.A., Lu, Z.P., Weimer, R., Heberlein, J., Pfender, E., Hanssen, L.M. Confirmation of (113) facets on diamond grown by chemical vapor deposition 41378
Snaith, H. *see* Topliss, B.J. 24512
Snaith, H.M. A simple iterative method to improve Geosat along track sea surface height data 7634
Snare, J. Information technology security standards—an Australian perspective 14260
Snare, J.L. *see* Wagner, L.F. 11176
Snauwaert, J., Hellemans, L., Czech, I., Clarysse, T., Vandervorst, W., Pawlik, M. Towards a physical understanding of spreading resistance probe technique profiling 42542
Sneed, B. *see* Yu, Z. 12252
Sneh Anat *see* Anat Sneh
Snelgrove, W.M. *see* Gu, Z. 10237

Snell, A.J., Hajto, J., Rose, M.J., Osborne, I.S., Holmes, A., Owen, A.E., Gibson, R.A.G. Analogue memory effects in metal/a-Si:H/metal thin film structures 27610
Snell, A.J. *see* Hajto, J. 27584
Snell, A.J. *see* Hajto, J. 27608
Snell, A.J. *see* Hajto, J. 27611
Snell, A.J. *see* Holmes, A.J. 27117
Snell, J. High-resolution spectrograms pinpoint spectral activity 23480
Snelling, M. *see* Schonfelder, V. 7146
Snellings, R.J.M. *see* Langerak, J.J. 38909
Snesarevskii, V.P. *see* Alifertsev, O.N. 2867
Snetkov, E.I. *see* Cherkasov, J.A. 36056
Snezhko, Y. Computer modeling of data processing method for optical control of the thin film structures in lithography 2306
Snezhkov, G.Yu. *see* Bobrov, B.D. 3433
Sng, D.C.H., Yap, M.K.S. Building public concurrent engineering frameworks on a national information infrastructure 14163
Sng, Y.H., Lee, T.M. A study of harmonic currents generated by microcomputers 7713
Sng, Y.H. *see* Kong, C.S. 7939
Sng Eng Guan *see* Alvarez, A.M. 13379
Snider, D. *see* Kennel, G. 36883
Snider, F.D. *see* Tkaczyk, S. 46989
Snider, F.R. *see* Amidei, D. 46890
Snider, G.L. *see* Koester, S.J. 27546
Snider, G.L. *see* Yeong-Ah Soh 27653
Snider, L.A. *see* Sharaf, A.M. 47401
Snider, R.K. *see* Deller, J.R., Jr 44763
Snigirev, O.V. *see* Kulikov, V.A. 46398
Snijders, C.J. *see* Goossens, R.H.M. 24144
Snijkers, R.J.M.M. *see* Kersten, H. 42683
Snimshchikov, I.A. *see* Akaev, A.A. 28571
Snimshikov, I. *see* Akaev, A. 11569
Snodgrass, A. *see* Coyne, R. 9203
Snoeks, E. *see* Custer, J.S. 9591
Snoeks, E. *see* Custer, J.S. 18231
Snoeys, W.J. *see* Kenney, C.J. 46973
Snopko, P. *see* Kim, J.G. 6251
Snow, A. The first National Grid 16224
Snow, E.S., Campbell, P.M. Fabrication of Si nanostructures with an atomic force microscope 42402
Snow, E.S., Campbell, P.M., Shanabrook, B.V. Fabrication of GaAs nanostructures with a scanning tunneling microscope 18235
Snow, E.S. *see* Campbell, P.M. 42726
Snow, G. *see* Bender, M. 22564
Snow, W.L., Childers, B.A., Jones, S.B., Fremaux, C.M. Recent experiences with implementing a video based six degree of freedom measurement system for airplane models in a 20 foot diameter vertical spin tunnel 24392
Snowball, M.F., Holmqvist, M.H. An electronic device for monitoring escape behaviour in Musca and Drosophila 47038
Snowbell, M., Domash, L. An optical real-time sensor of fractal dimension and engineering applications 46399
Snowden, C.M. *see* Atherton, J.S. 1547
Snowdon, J.F. Neural algorithms that exploit optical hardware characteristics 20475
Snowdon, J.F. *see* Desmulliez, M.P.Y. 20399
Snowdon, J.F. *see* Desmulliez, M.P.Y. 43511
Snowdon, J.F. *see* McArdle, N. 11764
Snowdon, J.F. *see* Wherrett, B.S. 11740
Snyder, A.J., Nazarian, R.A., Weiss, W.J. A secure communications and status reporting protocol for implanted devices 15924
Snyder, A.W., Mitchell, D.J., Luther-Davies, B. Dark spatial solitons constructed from modes of linear waveguides 21041
Snyder, C.D. *see* Hinsberg, W.D. 11049
Snyder, D.L. *see* O'Sullivan, J.A. 23094
Snyder, E.S., Campbell, D.V., Swanson, S.E., Pierce, D.G. Novel self-stressing test structures for realistic high-frequency reliability characterization 35084
Snyder, J. *see* Abe, K. 7260
Snyder, J. *see* Abe, K. 15619
Snyder, J. *see* Abe, K. 46930
Snyder, J. *see* Rush, T. 45887
Snyder, J.H., Quackenbush, S.R., Melchner, M.J., Kapilow, D.A. Tools for real-time signal-processing research 18747
Snyder, J.R. *see* Green, G.D. 2976
Snyder, P.G. *see* Nafis, S. 10896
Snyder, P.G. *see* Nagis, S. 10961
Snyder, R.L. *see* Fitzpatrick, A.R. 32449
Snyder, W. *see* Abdelqader, I. 4908
Snyder, W.E. *see* Garnier, S.J. 7352
Snyers, D. Clique partitioning problem and genetic algorithms 41102
Snyman, D.B., Enslin, J.H.R. An experimental evaluation of MPPT converter topologies for PV installations 25272
Snyman, D.B., Enslin, J.H.R. Centralized PV generation and decentralized battery storage for cost effective electrification of rural areas 32799
Snytkin, I.I. The generation of frequency-sampled coded signals for simulation-immune multichannel communication systems 29475
Snytkin, I.I. Generation of simulation-immune sequences of frequency sampled signals 29582
Snytkin, Yu.V. *see* Morozov, I.A. 13185
So, A.T.P., Chan, W.L. Fuzzy logic based automatic camera focuser 14834
So, A.T.P., Chan, W.L., Tse, C.T. Fuzzy logic based automatic capacitor switching for reactive power compensation 16176
So, A.T.P., Chan, W.L., Tse, C.T., Lee, K.K. Fuzzy logic based automatic diagnosis of power apparatus by infrared imaging 25370
So, A.T.P., Lee, K.K., Tse, C.T., Chan, W.L. Thermography-based automatic diagnosis of power system apparatus 8258
So, B.S., Kime, C.R. A fault simulation method: parallel pattern critical path tracing 1145
So, E. *see* Miljanic, P.M. 16928
So, E.C.T., Yang, S.J. The effect of tooth shape on radial forces in step motors 47914
So, F.F., Forrest, S.R. Quasi-epitaxially grown crystalline organic semiconductors: structural, electrical and optical properties 9529
So, J. *see* Chen, W. 10877
So, K.K.M. *see* Xydeas, C.S. 13146
So, K.P. *see* Sun, T.C. 26159
So, L.K.H., Thelwall, R. Hong Kong spoken Cantonese database 13009
So, N. *see* Beaver, D. 29502
So, P.P.M., Channabasappa, E., Hoefer, W.J.R. Transmission line matrix method on massively parallel processor computers 44486
So, P.P.M., Hoefer, W.J.R. A new look at the 3D condensed node TLM scattering 4196
So, P.P.M., Hoefer, W.J.R., Bandler, J.W., Biernacki, R.M., Chen, S.H. Hybrid frequency/time domain field theory based CAD of microwave circuits 27198
So, P.P.M. *see* Menzel, W. 44519
So, S. *see* Malik, R. 4996
So, V.C.Y., Lessard, M., Vella, P.J. Measuring chromatic dispersion and modal interference with an optical time-domain reflectometer 3078
So-Zen Yao, Nan-Chi Chou, Chung-Kuan Cheng, Hu, T.C. A multi-probe approach for MCM substrate testing 26206
Soan, P.J. *see* Damzen, M.J. 44048
Soane, D.S. *see* Monk, D.J. 19594
Soane, D.S. *see* Monk, D.J. 19595
Soane, D.S. *see* Yonkoski, R.K. 34887
Soardi, P.M. Approximation of currents in infinite nonlinear resistive networks 9926
Soardo, P. *see* Egidi, C. 31094
Soares, E.A., Dantas, T.M. Single-loop fiber optic sensor 15065
Soares, E.J., Byrne, C.L., Glick, S.J., Appledorn, C.R., King, M.A. Implementation and evaluation of an analytical solution to the photon attenuation and nonstationary resolution reconstruction problem in SPECT 15759
Soares, E.R. *see* Fenzi, N.O. 1577
Soares, F. *see* Fortunato, E. 38520
Soares, F. *see* Vieira, M. 40491
Soares, H.P., Jr. *see* Beranek, M.W. 23683
Soares, J.C. *see* Rodriguez, T. 19412
Soares, R. *see* Olomo Ngongo, A. 30811
Soares, S. *see* Chu, A. 23441
Soares Augusto, J., Rosario, M.J., Vaz, J.C., Costa Freire, J. Optimal design of MESFET frequency multipliers 27213
Soba, S. *see* Hrovat, M. 46380
Sobajic, D.J., Pao, Y.-H., Djukanovic, M. Fast assessments of frequency transients for memory augmented static contingency analysis 16126
Sobajic, D.J., Pao, Y.-H., Djukanovic, M. Fast frequency assessments for memory-augmented static contingency analysis 24657
Sobajic, D.J. *see* Djukanovic, M. 24629
Sobalvarro, P.G. Approximation of performance parameters for multistage, multipath networks 13857
Sobanadri, J. *see* Krishna Kumar, P.T. 39859
Sobczak, J., Thompson, R. TERN—A nationwide network for testing multimedia services 5346
Sobczyk, T.J. Control strategy of matrix converters 8665
Sobek, V. *see* Aints, M. 11349
Sobel, H.W. *see* Riley, S.P. 7217
Sobel, J. *see* Blume, A. 483
Sobenin, N.P., Ivanov, S.V., Kaljuzhny, V.E., Plotnikov, S.N. Theoretical and experimental study of linear collider accelerating structure impedance characteristics 7079
Sobenin, N.P., Ivanov, S.V., Kaljuzhny, V.S., Plotnikov, S.N. The investigation of coupler for linear collider accelerating section 15489
Sobenin, N.P., Kaljuzhny, V.E., Plotnikov, S.N., Zverev, B.V., Gryzlov, A.V., Vovna, V.A. Impedance characteristics of a magnetron powered linear electron accelerator 15323
Sobenin, N.P. *see* Glavatskikh, K.W. 7080
Sobh, N. *see* Borecki, J. 17049
Sobhanadri, J. *see* Subramanian, V. 38669
Sobhy, M.I., Hosny, E.A., Ng, M.W.R. Modelling and analysis of non-linear and dispersive microwave systems in the time domain 26647
Sobhy, M.I. *see* Nasser, A.A.A. 996
Sobieski, P., Guissard, A., Baufays, C., Siraut, P. Sea surface scattering calculations in maritime satellite communications 22936
Sobko, S.P. *see* Mishin, D.D. 16818
Sobodacha, C. *see* Lynch, T.J. 11018
Sobodacha, C.J., Lynch, T.J., Durham, D.L., Paradis, V.R. Solvents in novolak synthesis 11017
Sobol', A.A. *see* Basiev, T.T. 43807
Sobol, A.A. *see* Voron'ko, Yu.K. 28786
Sobol, H. *see* Tang, Y. 4112
Sobolenko, N.A., Tyagunov, M.G., Hoang, K.T.D., Shkurin, A.N. Presentation of knowledge on power station equipment for automated system of diagnostics of its technical state 25093
Soboleski, A. Using high level design models for generation of test vectors 18689
Sobolev, A.P. The use of data on the angular motion of a traveling vehicle in mobile adaptive antenna arrays 37758
Sobolev, B.P. *see* Antipov, A.V. 7196
Sobolev, L.B. Optimal control of transients in DC/DC converters 8646
Sobolev, M.M., Gittsovich, A.V., Konnikov, S.G., Kochnev, I.V., Yavich, B.S. Deep level defects detection in degrading GaAs/AlGaAs quantum well laser 43822
Sobolev, N.A., Emtsev, V.V., Gresserov, B.N., Klinger, P.M., Poloskin, D.S., Shabalin, E.P., Shek, E.I., Vyzhigin, Yu.V. Fast neutron transmutation reactions in Si—a new way of introduction of Mg-related centers 42625
Sobolev, N.A., Shek, E.I., Shabalin, E.P. Neutron transmutation doping of silicon by magnesium 2038
Sobolev, N.A. *see* Berezina, G.M. 2094
Sobolev, N.A. *see* Kurbakov, A.I. 27466
Sobolev, V.B. *see* Gordeev, A.A. 28922
Sobolev, Ya. *see* Oraevsky, V. 21260
Sobolevsky, V.M. *see* Gorelov, V.A. 24887
Sobolewski, R., Xiong, W., Kula, W., Gavaler, J.R. Laser patterning of Y-Ba-Cu-O thin-film devices and circuits 28398
Sobolewski, R. *see* Denysenko, A. 15089
Sobolewski, Z. *see* Alexander, J.P. 24110
Sobolewski, Z. *see* Alexander, J.P. 46860
Sobottka, S.E. *see* Shepherd, J.A. 7304
Sobral, S.T., Novaes, E.O., Rodrigues Coelho, A.S. Improvement of transmission line ground circuit current carrying limit after system interconnections 32467
So'Brien, D. *see* Mallalieu, K. 38373
Sobrinho, J.L., Brazio, J.M. Reservation versus demand-assignment multiplex strategies for packet voice communication systems 13959
Sobrino, J.A., Zhao-Liang Li, Stoll, M.P. Impact of the atmospheric transmittance and total water vapor content in the algorithms for estimating satellite sea surface temperatures 32097
Sobron, F. *see* Jimenez, J. 9856
Soccolich, C.E. *see* Islam, M.N. 12352
Sochacka, M. Optical fibers profiling by phase-stepping transverse interferometry 35406
Sochava, A.A. *see* Tretyakov, S.A. 4034
Sochava, S.L., Mokrushina, E.V., Prokof'ev, V.V., Stepanov, S.I. Experimental comparison of the AC field and the moving-grating holographic-recording techniques for $Bi_{12}SiO_{20}$ and $Bi_{12}TiO_{20}$ photorefractive crystals 3917
Sochava, S.L., Stepanov, S.I. Optical excitation of Hall current in a GaAs crystal 42420
Sochinskii, N.V., Babentsov, V.N., Kletskii, S.V., Serrano, M.D., Dieguez, E. VPE of the $Hg_{1-x}Cd_xTe$ ohmic contact layers on p-CdTe 33631
Socolow, R.H., Anderson, D., Harte, J. *(editors)* Annual review of energy and the environment. Vol.18 26038
Soda, G. *see* Frasconi, P. 13079
Soda, H. *see* Higashi, T. 12183
Soda, H. *see* Kotaki, Y. 35824
Soda, H. *see* Ogita, S. 28859
Soda, M. *see* Kitahata, H. 10508
Soda, M. *see* Nagano, N. 34273
Sodagar, I. *see* Nayebi, K. 13322
Sode Tanaka Mikiko *see* Mikiko Sode Tanaka
Sodeik, M. Solar energy and its role in the Third World 25271
Soderbarg, A. *see* Edholm, B. 34919
Soderbarg, A. *see* Ljungberg, K. 34769
Soderberg, L. Evolving an intelligent architecture for personal telecommunication 14468
Sodergren, S. *see* Hagfeldt, A. 33025
Sodergren, S. *see* Lindquist, S.-E. 40465
Soderkvist, I. Perturbation analysis of the orthogonal Procrustes problem 33536
Soderkvist, J., Hjort, K. Flexural vibrations in piezoelectric semi-insulating GaAs 20041
Soderkvist, J. *see* Hedlund, C. 20050
Soderman, U. *see* Stromberg, J.-E. 18028
Soderman, U. *see* Stromberg, J.-E. 18845
Soderstrand, M.A., Watt, V.H.C., Gee, K.B., McGinty, D. Implementation of an active-R filter building block in semi-custom VLSI 42045
Soderstrand, M.A. *see* Giese, B.S. 27070
Soderstrand, M.A. *see* Strandberg, R.H. 29608
Soderstrand, M.A. *see* Wong, E.Q. 10321
Soderstrom, M. *see* Bjork, C. 9030
Soderstrom, M. *see* Nilsson, K. 33169
Soderstrom, T. *see* Handel, P. 29742
Soderstrom, T. *see* Moses, R.L. 29694
Soderstrom, T. *see* Stoica, P. 13249
Soderstrom, T. *see* Stoica, P. 21724
Soderstrom, T. *see* Stoica, P. 21823
Sodervall, U. *see* Wang, S.M. 41260
Sodha, M.S., Chandra, R., Rana, S. Optimization of decentralized hybrid electrical energy systems (with photovoltaics) for typical villages in the North Indian Plains 8244
Sodin, L.G. *see* Kopilovich, L.Y. 4327

Soebagia, H. *see* Yoshida, M. 8575
Soede, W., Bilsen, F.A., Berkhout, A.J., Verschuure, J. Directional hearing aid based on array technology 24353
Soejima, N. *see* Hagino, H. 33870
Soejima, Y. *see* Tamura, T. 24296
Soelkner, G. Optical beam testing and its potential for electronic device characterization 43055
Soerensen, P.D. *see* Nunes, M.S. 14288
Soete, M.De *see* De Soete, M.
Sofer, G.A. *see* Krebs, W.-D. 39846
Soffel, M.H. *see* Schwarze, V.S. 39341
Sofia, J.W. Analysis of thermal transient data with synthesized dynamic models for semiconductor devices 40971
Sofko, G.J. *see* Kustov, A.V. 39385
Soga, F. *see* Kanazawa, M. 6908
Soga, M. *see* Ajiro, M. 22163
Soga, N. *see* Hirao, K. 3776
Soga, T., Jimbo, T., Umeno, M. Dislocation generation mechanisms for GaP on Si grown by metalorganic chemical vapor deposition 9712
Soga, T., Suzuki, T., Mori, M., Jiang, Z.K., Jimbo, T., Umeno, M. Electrical properties of GaP on Si grown by metalorganic chemical vapor deposition 705
Soga, T. *see* Yang, M. 46427
Sogaard, H.T. *see* Palsson, O.P. 32646
Sogawa, F. *see* Kono, T. 42414
Sogawa, T., Ando, S., Kanbe, H. GaAs-AlAs trench-buried quantum wires with nearly rectangular cross sections grown by metalorganic chemical vapor deposition on V-grooved substrates 26474
Sogawa, T., Ando, S., Kanbe, H. GaAs/AlAs trench-buried quantum wires (<20 nm×20 nm) fabricated by metalorganic chemical vapor deposition on nonplanar substrates 27541
Soggia, R. *see* Gasparini, F. 7223
Soghomonian, M.S., Robertson, I.D. Microwave modeling of curved coplanar waveguides 10487
Soghomonian, M.S., Robertson, I.D. Finite difference modeling of novel waveguiding structures for MMIC applications 10490
Soglio, F. *see* Carcano, G. 10497
Sogoh, Y., Murakami, K., Masuda, K. Laser solid-phase epitaxy of amorphous $Si_{1-x}Ge_x$ layer on Si 18228
Sogomonyan, E.-S. *see* Gossel, M. 34018
Sogomonyan, E.S., Goessel, M. Design of self-testing and on-line fault detection combinational circuits with weakly independent outputs 1146
Sogomonyan, S.B. *see* Grigoryan, G.G. 12041
Soh, C.C. *see* Chau, F.S. 21112
Soh, H. *see* Kamasaki, S. 48077
Soh, K.H. *see* Everitt, H.J. 30317
Soh, T. *see* Hashimoto, O. 4064
Soh, Y., Huntsberger, T.L. A feature-based determination of optical flow field 22275
Soh, Y., Huntsberger, T.L. Completion of closed form solution set to optical flow equations 22276
Soh Yeng Chai *see* Yeng Chai Soh
Soh Yeong-Ah *see* Yeong-Ah Soh
Sohail, S. *see* Gregus, J.A. 29060
Sohda, Y., Saitou, N., Itoh, H., Todokoro, H. An objective lens system for e-beam cell projection lithography 28000
Sohda, Y. *see* Nakayama, Y. 2322
Soheili, R., Kondoz, A.M., Evans, B.G. An 8 kb/s LD-CELP with improved excitation modelling 13026
Sohie, G. *see* Abdel-Malek, A. 38171
Sohie, G. *see* Abdel-Malek, A. 38176
Sohie, G.R. *see* Hershey, J.E. 21786
Sohler, W. *see* Hill, G.R. 6051
Sohma, M. *see* Nagao, K. 22160
Sohmuta, M. *see* Kawasaki, S. 2805
Sohn, H. *see* Fujioka, H. 34892
Sohn, H. *see* Werner, P. 34511
Sohn, J. *see* Mlcak, R. 27766
Sohn, J.H. *see* Bae, B.S. 34994
Sohn, K., Lee, H., Hensley, D.A. I-V characteristics and interface properties of Al-Si(P) contacts by the KrF excimer laser induced recrystallization 10748
Sohos, G. *see* Cangellaris, A.C. 21327
Sohraby, K. *see* Bisdikian, C.C. 45314
Soifer, V.A. *see* Doskolovich, L.L. 12288
Soifer, V.A. *see* Doskolovich, L.L. 12440
Soika, A.K. *see* Boiko, B.B. 44263
Soileau, R.D. A diagnostic testing program for large lead acid storage battery banks 40433
Soilemes, A., Helmis, C.G., Papageorgas, P., Asimakopoulos, D.N. A tethered balloon profiler system 15993
Soille, P. *see* Rivest, J.-F. 21975
Soin, H. *see* Jain, P. 41648
Soininen, P. *see* Balek, V. 33627
Soininen, R. *see* Defee, I. 21992
Sojka, J.J. *see* Crain, D.J. 47254
Sojka, J.J. *see* Zhu, L. 47255
Sokal, N.O. *see* Redl, R. 25524
Sokcevic, D. *see* Turkovic, A. 28643
Sokol, G.A. *see* Kashevarov, V.L. 38871
Sokol, G.A. *see* Kashevarov, V.L. 38872
Sokol, G.A. *see* Kashevarov, V.L. 47022
Sokol, G.A. *see* Zalesskii, V.B. 31682
Sokolinskiy, V.G. The effect of transmitter channel nonlinearity on the spectrum and noise immunity of phase-shift-keyed signals with a nonconstant envelope 22299
Sokolnicki, E. *see* Zycki, Z. 2848
Sokoloff, J.P., Glesk, I., Prucnal, P.R., Boncek, R.K. Performance of a terahertz optical asymmetric demultiplexer in a 50 Gbit/s optical time division multiplexed system 30712
Sokoloff, J.P., Glesk, I., Prucnal, P.R., Boncek, R.K. Performance of a 50 Gbit/s optical time domain multiplexed system using a terahertz optical asymmetric demultiplexer 38080
Sokoloff, J.P. *see* Glesk, I. 38030
Sokoloff, M.D. *see* Abe, K. 7260
Sokoloff, M.D. *see* Abe, K. 15619
Sokoloff, M.D. *see* Abe, K. 46930
Sokolov, A. *see* Chaly, V.P. 43877
Sokolov, A.I. *see* Dobrokhodov, S.B. 4768
Sokolov, A.V., Yarmakhov, I.G. Diffraction of electromagnetic waves at the corners of buildings and structures 29170
Sokolov, A.V. *see* Kovtonyuk, N.F. 3225
Sokolov, D.S. *see* Rachkov, A.V. 38549
Sokolov, G.A. Minimax filtering of pulsed phase-code and amplitude-phase-shift-keyed signals 13292
Sokolov, I.A., Kozlov, V.V., Tkalich, A.K. Effect of sodium on Ga and As chemical states in the surface layer of GaAs polished with NaOCl 19565
Sokolov, I.M. *see* Indisov, V.O. 28925
Sokolov, I.M. *see* Indisov, V.O. 35941
Sokolov, L.A. *see* Bessenyei, Z. 39824
Sokolov, S.V. Synthesis of optimal nonlinear filters based on the use of nonleast-squares criteria 29623
Sokolov, S.V. Determination of the moments of discrete random processes using order statistics 31086
Sokolov, S.V. *see* Asseev, A.A. 15399
Sokolov, S.Yu. *see* Khavroshin, D.L. 20515
Sokolov, V.A., Chugui, Yu.V. Contouring of the image of an absolutely reflecting extended edge 13577
Sokolov, V.A., Chugui, Yu.V. The contouring of three-dimensional gray edge images in coherent light 30125
Sokolov, V.I. *see* Vodakov, Yu.A. 28663
Sokolov, V.N., Kochelap, V.A., Zakhleniuk, N.A. Peculiarities of hot electron fluctuations in submicron semiconductor structures: limitation and suppression 19364
Sokolov, V.P. *see* Moshchinskii, Yu.A. 40167
Sokolov, V.V., Piltsov, V.A. Connectivity problems in satellite communications systems based on low-orbit satellites 37955
Sokolov, V.V. *see* Mescheryakov, B.I. 37954
Sokolov, V.V. *see* Mescheryakov, V.I. 37956
Sokolov, Yu.M. *see* Isakov, A.B. 9939
Sokolov, Yu.N. *see* Batsyn, M.Ya. 25316
Sokolov, Yu.N. *see* Kirillov, V.G. 25763
Sokolov, Yu.N. *see* Kirillov, V.G. 25771
Sokolov, Yu.N. *see* Zubtzov, V.M. 25823
Sokolov, Yu.S. *see* Mal'tsev, V.A. 43367
Sokolova, T.N. *see* Seranov, Y.V. 27390
Sokolova, Yu.B. *see* Riskiev, T.T. 33761
Sokolovskiy, M.N. *see* Poberezhskiy, E.S. 36249
Sokolovskiy, R.I. *see* Lebedeva, V.V. 12561
Sokolovsky, A.I. *see* Molin, A.N. 33673
Sokolowski, J.S. *see* Facco, A. 15503
Sokolowski, J.S. *see* Fortuna, G. 6906
Sokolowski, J.S. *see* Palmieri, V. 15512
Sokolska, I. *see* Ryba-Romanowski, W. 43802
Sokovikov, V.V. CO_2 laser with HF excitation: direct-current analogy and similarity 28695
Sol, C. *see* David, A. 8816
Sol, C. *see* David, A. 8893
Sol, C. *see* David, A. 17513
Solal, M. *see* DuBouis, P. 5859
Solal, M. *see* Ventura, P. 2762
Solames, A.A. *see* Kirillov, V.G. 25763
Solames, A.A. *see* Kukhtin, V.P. 15581
Solana, F.G. *see* Alvarez, J.A. 9827
Solana, P. *see* Ocana, J.L. 21138
Solanki, R. *see* Kong, W. 43648
Solano, A. *see* O'Shaughnessy, K. 47008
Solano, M.A., Vegas, A., Prieto, A. Modelling multiple discontinuities in rectangular waveguide partially filled with non-reciprocal ferrites 4216
Solano, M.A. *see* Vegas, A. 4179
Solard, V., Joly, P. Use of object oriented techniques for the realization of a fault management prototype 45456
Solarz, R. *see* Benett, W.J. 20891
Solarz, R. *see* Comaskey, B. 20713
Solarz, R.W. *see* Comaskey, B. 12085
Solbach, H.-B. Metal oxide power system surge arresters: design and operational experiences 8009
Solberg, V. The impact of design on SMT process yields 34444
Solc, F. *see* Honec, J. 36086
Soldadino, G., Sparacino, M., Conte, M., Romanazzo, M., Crepaz, S. AEM operational and promotional testing of electric vehicles 48219
Soldatenkov, V.A. *see* Belyaeva, A.I. 38735
Soldatkin, V.Yu. *see* Yeliseyev, N.I. 1463
Soldatov, A. *see* Denisov, S. 31708
Soldatov, A.P. *see* Gilitskii, Yu.V. 46921
Soldatov, A.P. *see* Vasil'ev, A.V. 7195
Soldatov, E.A. *see* Aratskii, D.B. 21862
Sole, J. *see* Fabregat, R. 14274
Sole, P. Weight distribution and dual distance [coding theory] 36561
Sole, P., Stokes, P. Covering radius, codimension, and dual-distance width 21610
Sole, P. *see* Hammons, A.R., Jr. 12845
Sole, P. *see* Le Roux, J. 29667
Sole-Pareta, J. *see* Masdeu-Mas, X. 14184
Solensten, L. *see* Debiak, T.W. 38834
Soler, J.M.L. *see* Ayuso, A.J.R. 12991
Soler, J.M.L. *see* Luna, J.C.S. 12994
Soler, M. *see* Cand, M. 1243
Soler, M. *see* Jiang, C.-L. 35813
Soleymani, M.R. A new tandem source-channel trellis coding scheme 36607
Soleymani, M.R. *see* Nassar, C.R. 44676
Solgaard, O., Kiang, M.-H., Lau, K.Y. Pulse buildup in passively mode-locked monolithic quantum-well semiconductor lasers 12092
Solgaard, O., Lau, K.Y. Optical feedback stabilization of the intensity oscillations in ultrahigh-frequency passively modelocked monolithic quantum-well lasers 43881
Solgaard, O. *see* Georges, J.B. 30586
Solgaard, O. *see* Georges, J.B. 30752
Solheim, A. In-plane diffusion in flat-plate solid oxide fuel cells 17313
Solheim, A. *see* Cartledge, J.C. 43536
Solheim, A. *see* Karoliussen, H. 17316
Soli, G.A. *see* Buehler, M.G. 35072
Soli, G.A. *see* Park, J.S. 19736
Solie, L.P. *see* Vigil, A.J. 11423
Soliman, F.A. *see* Abdel-Salam, M.S. 3977
Soliman, F.A.S., Ashry, H.A. Radiation effects on non-linear resistances 10524
Soliman, F.A.S., El-Fouly, M.H., Marzouk, K. Operation of microwave Gunn devices under the influence of nuclear radiation 19062
Soliman, F.A.S., Kamh, S.A. Radiation damage in negative-differential resistance devices 28078
Soliman, H.F., Sharaf, A.M., Mansour, M.M., Kandil, S.A., El-Shafii, M.H. A fuzzy logic tunable speed controller for a rectifier fed PMDC motor drives 48164
Soliman, H.S. *see* Chang, W. 22179
Soliman, S.A. *see* Al-Kandari, A. 24669
Soliman, S.A. *see* Kandari, A.A. 39652
Solimini, D. *see* Ferrazzoli, P. 16022
Solina, F. *see* Leonardis, A. 45123
Solinsky, J.C., Feeney, J.J. Signal analysis applications of nonlinear dynamics and higher-order statistics 44929
Solka, J.L., Priebe, C.E., Rogers, G.W. A probabilistic approach to fractal based texture discrimination 36807
Solka, J.L. *see* Hayes, H.I. 36808
Solka, J.L. *see* Priebe, C.E. 36806
Solkner, G. *see* Baur, G. 43104
Solkner, G. *see* Goldstein, M. 2647
Solkner, G. *see* Goldstein, M. 43105
Solkner, G. *see* Holm, A. 43236
Solla, S.A. Capacity control in classifiers for pattern recognition 4885
Solleder, R. All fault currents under control. UC-sensitive residual-current protective devices for industrial applications 39660
Sollee, J.L. *see* Duncan, W.A. 28715
Soller, R. *see* Shields, P. 5404
Sollner, J. *see* Heuken, M. 33608
Sollner, J. *see* Schneider, A. 18217
Sollner, J. *see* Stolzel, C. 11529
Sollner, T.C.L.G. *see* Lyons, W.G. 1402
Solmi, S., Maccagnani, P., Canteri, R. Codiffusion of arsenic and phosphorus implanted in silicon 10854
Solmonov, A.I. *see* Ivashchenko, A.I. 1944
Solntsev, V.A. *see* Romashin, N.L. 1799
Solodkii, A.N. *see* Dvoryanikina, G.G. 28593
Solodov, E. *see* Abe, K. 7260
Solodov, E. *see* Abe, K. 15619
Solodov, F. *see* Abe, K. 46930
Solodovnichenko, M.B., Zamyatin, A.G. Analytic calculation of the correlation function of the linear codes of digital communication systems 12867
Solodukha, A.M., Sidorkin, A.S., Shevchenko, A.A. Poincare section of a phase portrait of a nonlinear RLC circuit containing a ferroelectric 18447
Solodunov, A.M. *see* Barankevich, V.I. 40614
Soloff, J.M., Stone, J.J., Bull, D.R., Wacey, G. An ASIC implementation of a sub-band filter bank 45159
Solokhin, N.V., Rapoport, D.A., Kutyurin, Yu.G. Potential capabilities of transmission ultrasonography for composite materials 18387
Soloman, M.N. *see* Chu, A. 23441
Solomatin, V.S. *see* Krasnikov, V.V. 7639
Solomko, A.V. *see* Knyaz, A.I. 13189
Solomon, D., El-Kilani, S., David, F.L., Lubbers, M. Test vehicle for the electrical characterization of MCM-D interconnects 17875
Solomon, D. *see* Baer, R.L. 14950
Solomon, I., Drevillon, B., Shirai, H., Layadi, N. Plasma deposition of microcrystalline silicon: the selective etching model 27764
Solomon, I. *see* Drevillon, B. 9741
Solomon, J. *see* Abbott, B. 7245
Solomon, J. *see* Abbott, B. 31776

Solomon, J. *see* Hong Koo Kim 9682
Solomon, J.S. *see* Evans, K.R. 26421
Solomon, M.K. *see* Cooper, R.B. 5210
Solomon, P.R. *see* Markham, J.R. 6680
Solomon, S.A. Stamping out rejects: applied machine vision solutions for the electronic connector industry 27350
Solomonson, N., Hamilton, W.O., Johnson, W., Xu, B. Construction and performance of a low noise inductive transducer for the Louisiana State University gravitational wave detector 31208
Solone, P. *see* Cardwell, K. 30904
Solone, P. *see* Zucker, O. 28504
Solonovich, I.F. *see* Pilipovich, V.A. 11751
Solonovich, I.F. *see* Pilipovich, V.A. 35354
Solopchenko, G.N. Formal metrological components of measuring systems 46272
Solorzano, I.G., Vander Sande, J.B., Baek, K.K., Tuller, H.L. Compositional analysis and high resolution imaging of grain boundaries in Pr-doped ZnO ceramics 10675
Soloshenko, I.A. *see* Golovinsky, P.M. 46813
Soloshenko, I.A. *see* Goretsky, V.P. 38821
Solosin, V.S. *see* Apletalin, V.N. 31402
Solovarov, N.K. *see* Kazakov, B.N. 14918
Solovei, V.A. *see* Bazhenov, A.N. 31784
Solov'ev, A.I. *see* Trubitsyn, V.I. 25219
Solovev, L.E. *see* Zilbershtein, A.Kh. 35551
Solov'ev, S.I. *see* Sechenov, D.A. 10941
Solov'ev, S.M. *see* Ageev, V.N. 1924
Solovev, V. *see* Kovyazina, T. 41251
Solo'vev, V.V. Synthesis of one-level microprogramming automaton circuits from programmable arrays of logic 1198
Solovianov, V.L. *see* Gorodnichev, V.B. 46954
Solovjev, V.S. *see* Boiko, Y.B. 36071
Solovjeva, I.I., Tomilin, M.G. On azimuthal color contrast in LC displays 15151
Solov'yanov, V.L. *see* Kachanov, V.A. 7163
Solovyev, A. *see* Budagov, J. 46955
Solovyev, G.I. *see* Sotnikov, V.I. 21414
Solovyev, V.N. On numerical solution of some problems related to induction heating of cylindrical specimens by high-frequency currents 44211
Solov'yev, V.S. *see* Akopov, S.G. 12661
Solovyev, Y.V. *see* Ermel, V.E. 7105
Soltanian-Zadeh, H., Windham, J.P., Yagle, A.E. Optimal transformation for correcting partial volume averaging effects in magnetic resonance imaging 15758
Soltanian-Zadeh, H., Yagle, A.E. A fast algorithm for extrapolation of discrete-time periodic band-limited signals 4776
Soltis, J.J. *see* Yazdi, N. 10319
Soltner, H. *see* Faley, M.I. 11533
Soltysiak, P., Chramiec, J. Design of broadband transitions from microstrip to slotline 34218
Soltysik, R. Paging alarm systems for automotive security applications 22989
Soltz, R. *see* Yellen, S.L. 12199
Soluch, W. Admittance matrix of a surface acoustic wave interdigital transducer 24550
Solvey, J.S. *see* Curran, F.M. 32050
Solvie, M.J. Configuration of distributed time-critical fieldbus systems 45508
Solvoll, D., Ivarsoy, G., Lie, H.W., Dybvik, P.E. Information exchange in MultiTorg 37422
Solyak, N.A. *see* Arapov, L.N. 15283
Solymar, L. *see* Grunnet-Jepsen, A. 20293
Solymar, L. *see* Kaczmarek, M. 29016
Solyom, C. *see* Migliorati, P. 30999
Solz, T.J., Liggett, K.K., Reising, J.M., Hartsock, D.C. New cockpit technology: How do we really know it benefits the pilot? 39279
Solzbach, U. *see* Staffel, B. 15804
Som, J.N. *see* Chivers, R.C. 24535
Som, S.C. *see* Kundu, P. 15061
Soma, M. IEEE P1149.4 Mixed-signal Test Bus Standard: current status 26164
Soma, M. Timing design for testable switched-capacitor (SC) circuits 42086
Soma, M. *see* Devarayanadurg, G.V. 26580
Soma, T. *see* Deng, T.-B. 10303
Soma, T. *see* Kawasaki, S. 17348
Soma, T. *see* Tian-Bo Deng 36682
Somaiah, K., Narayana, M.V. Optically stimulated luminescence in Gd-doped fluoroperovskites for color center lasers 43755
Soman, A.K., Vaidyanathan, P.P. Coding gain enhancement using generalized polyphase representation 29600
Soman, A.K., Vaidyanathan, P.P., Nguyen, T.Q. Orthonormal filter banks with linear phase filters 29603
Soman, A.K., Vaidyanathan, P.P., Nguyen, T.Q. Linear phase paraunitary filter banks: theory, factorizations and designs 45253
Soman, K.P., Misra, K.B. Bayesian sequential estimation of two parameters of a Weibull distribution 33436
Soman, S.A., Parthasarathy, K., Thukaram, D., Sridhar, M.K. Comparative evaluation of SLP and SQP algorithms for reactive power optimization 7804
Somani, A.K. *see* Wittenbrink, C.M. 22268
Somasekhar, D., Visvanathan, V. A 230-MHz half-bit level pipelined multiplier using true single-phase clocking 34100
Somasundaram, S.K. *see* Arunachalam, S.A. 25301
Somasundrum, M., Bannister, J.V. Amperometric determination of copper using screen-printed electrodes 6472
Some, R.R. *see* Carson, J.C. 43038
Someda, C.G. *see* Costantini, B. 36321
Someda, C.G. *see* Galtarossa, A. 46023
Somekh, M.G. *see* Suddendorf, M.B. 40982
Somemura, Y., Deduchi, K., Miyoshi, K., Matsuda, T. Resolution enhancement of hole patterns in synchrotron radiation lithography 27865
Someno, Y. *see* Wei Zhang 33651
Somenzi, F. *see* Cho, H. 1131
Somenzi, F. *see* Jeong, S.-W. 26877
Somenzi, F. *see* Plessier, B. 33993
Somero, B.M. *see* White, T.R. 19664
Somers, D.W. Managing hybrid public and private networks 37319
Somerville, I.C. Factors affecting the insulation performance of gaseous dielectrics 48010
Somerville, J., Grossi, T. Memory cards mobilize portable components 34043
Someya, J. *see* Watabu, K. 6194
Someya, T. *see* Kadoya, Y. 2188
Someya, T. *see* Koshiba, S. 41349
Someya, Y. *see* Yoshida, T. 17281
Somlai, K. *see* Biri, J. 46996
Sommargren, G.E., Seppala, L.G. Condenser optics, partial coherence, and imaging for soft-X-ray projection lithography 27815
Sommargren, G.E. *see* Ceglio, N.M. 27829
Sommariva, A.M. The averaging perturbation method for the dominant behaviour analysis of adiabatic single-controlled oscillators 1101
Sommariva, A.M. *see* Calandra, E.F. 10011
Sommariva, H., Papousek, W. Reflection of non-monochromatic waves from multilayered dispersive media 21202
Sommariva, H., Papousek, W., Leising, G. Symmetry properties of transmission of electromagnetic waves through stratified media for arbitrary polarization 29141
Sommen, P.C.W. *see* Egelmeers, G.P.M. 21754
Sommer, A., Franke, R.P. LILAB—a new system for low intensity laser activated biostimulation 15903
Sommer, A.H. Brief history of photoemissive materials 19279
Sommer, E.M. *see* Level, M.-P. 15290
Sommer, F. *see* Kreutz, R. 15550
Sommer, M. *see* Couprie, M.E. 7020
Sommer, M. *see* Thompson, D.J. 7145
Sommer, R. *see* Dehmlow, M. 1066
Sommer, R. *see* Dehmlow, M. 17095
Sommer, R.G. *see* Jostan, J.L. 2978
Sommer, T.M. *see* Angello, L.C. 8123
Sommer, T.M. *see* Sanyal, A. 8125
Sommer, T.M. *see* Sanyal, A. 39934
Sommer, V. *see* Kusters, A.M. 35021
Sommerfeld, M. *see* Balewski, K. 46775
Sommerfeldt, S. *see* Muller, H. 9309
Sommerschield, J.G. *see* Larsen, J.G. 2878
Sommet, C. *see* Teyssier, J.P. 27218
Somogyi, K. *see* Wolkenberg, A. 42213
Somogyi, T. *see* De Lameillieure, J. 14803
Somotyj, M. *see* Puttgen, H.B. 8861
Soms, L.N. *see* Kornev, A.F. 36091
Soms, L.N. *see* Mak, A.A. 28936
Somsak Panyakeow *see* Wirote Boonkosum 28660
Son, G.H. *see* Cho, Y.K. 12742
Son, J. *see* Kim, J. 1651
Son, J.C., Song, I., Kim, S.Y., Park, S.I. An application of the generalized Neyman-Pearson fuzzy test to stochastic-signal detection 29576
Son, J.C. *see* Yun, J.S. 22785
Son, P.C.van *see* van Son, P.C.
Son, R.J.J.H.van *see* van Son, R.J.J.H.
Son, U.T. *see* Jiang Liu 27691
Son Dong Hwan *see* Dong Hwan Son
Son Jae Cheol *see* Jae Cheol Son
Son Joo-Hiuk *see* Joo-Hiuk Son
Son Jung Young *see* Jung Young Son
Son Jung-Young *see* Jung-Young Son
Son Li Za *see* Li Za Son
Son Vuong *see* Chanson, S.T. 30234
Son Yong Bai *see* Yong Bai Son
Sonai, A., Murata, K. Sintering behavior of porous electrolyte supporting matrix for molten carbonate fuel cells 48101
Sonai, A., Murata, K. Electrolyte loss mechanism of molten carbonate fuel cells. I 48102
Sonai, A., Murata, K. Electrolyte loss mechanism of molten carbonate fuel cells. II. Application to the cell with matrix electrolyte layer 48103
Sonajalg, H., Saari, P. Diffraction efficiency in space-and-time-domain holography 44141
Soncini, G. *see* Vecchi, M.C. 23508
Sondag-Huethorst, J.A.M., van Helleputte, H.R.J., Fokkink, L.G.J. Generation of electrochemically deposited metal patterns by means of electron beam (nano)lithography of self-assembled monolayer resists 19695
Sondergaard, L. A control strategy for induction motors fed from single phase supply 17443
Sonderman, D.A., Bingenheimer, W., Moxness, P. Renovating water-soaked motor control and adjustable speed drives 40512
Sondervan, J. Minimize time delays and reduce circuit density by retiming a design 41752
Sondheim, W. *see* Britton, C.L., Jr. 46993
Sondheim, W.E. *see* Ziock, H.J. 7184
Sondhi Man Mohan *see* Man Mohan Sondhi
Sone, H. *see* Ishida, H. 10544
Sone, J. *see* Kawanaka, M. 42206
Sone, K., Nakadai, N., Nishida, Y., Ishida, M., Sekine, Y., Yotsuyanagi, M. A 10 b 100 Ms/s pipelined subranging BiCMOS ADC 27022
Sone, K., Nishida, Y., Nakadai, N. A 10-b 100-Msample/s pipelined subranging BiCMOS ADC 42000
Sone, M. *see* Itahashi, S. 43190
Sone, M. *see* Kobayashi, J. 40293
Sone, M. *see* Kuboyama, Y. 42348
Sone, M. *see* Nagaki, Y. 11337
Sone, M. *see* Nagaki, Y. 43149
Sone, M. *see* Ningo, N.N. 22748
Sone, M. *see* Sato, S. 43165
Sone, M. *see* Taguchi, A. 21664
Sone, M. *see* Verma, S.C. 24789
Sone, M. *see* Wei, S. 24631
Sone, S. *see* Koseki, T. 48361
Sone, S. *see* Takagi, R. 17521
Sone, T. *see* Joson, H.A.L. 24348
Sone, Y., Moriyama, Y., Uehara, T. Corporate network 45687
Sonehara, H. *see* Nojiri, Y. 46228
Sonehara, N. *see* Hiraiwa, A. 47106
Sonehara, N. *see* Kondo, T. 26995
Sonek, G.J., Ranalli, E.R. Optical reflection filters based on intracavity quantum well polarisation convertors 35545
Sonek, G.J. *see* Desai, N.R. 20574
Sonek, G.J. *see* Gopi, P.K. 2448
Sonek, G.J. *see* Wang, M.R. 11900
Song, B.-S. *see* Moon, U.-K. 27054
Song, C.B., Opas Chutatape, Choo, F.H. Information flow for CIM model of a flexible PCB assembly system 10580
Song, D.H., Lee, J.B., Min, H.S., Park, Y.J. Modeling of high-frequency noise of MOS transistors operating in weak inversion 19813
Song, D.I. *see* Choi, Y.S. 14793
Song, D.I. *see* Hwang, H. 4939
Song, F., An, X., Song, J., Ji, P., Bai, C., Lin, T., Li, S., Liu, B., Wang, H. Fingerprint identification by using a joint-Fourier correlator and a liquid crystal light valve 36879
Song, G. *see* Adams, W.A. 48387
Song, G. *see* Oliveira, J.C.T. 48391
Song, G.S. *see* Anantaraman, A.V. 48211
Song, G.S. *see* Prakash, C.B. 48207
Song, H.C. Performance bounds for passively locating a moving source of a known frequency in oceanic waveguide using a vertical array 7629
Song, H.Y., Golomb, S.W. On the nonperiodic cyclic equivalence classes of Reed-Solomon codes 21631
Song, H.Z. *see* Zhang, L.Z. 19572
Song, I. *see* Kim, S. 21803
Song, I. *see* Son, J.C. 29576
Song, I. *see* Yun, J.S. 22785
Song, J., Chen, K. Propagation of EM pulses excited by an electric dipole in a conducting medium 29208
Song, J. *see* Song, F. 36879
Song, J. *see* Wu, X. 6275
Song, J.-I., Caneau, C., Hong, W.-P., Chough, K.B. Characterisation of GaInP/GaAs double heterojunction bipolar transistors with different collector designs 2462
Song, J.-I., Hong, W.-P., Palmstrom, C.J., van der Gaag, B.P., Chough, K.B. Millimetre-wave InP/InGaAs heterojunction bipolar transistors with a subpicosecond extrinsic delay time 42186
Song, J.-I. *see* Chough, K.B. 19909
Song, J.-I. *see* Chough, K.B. 28188
Song, J.-I. *see* Chough, K.B. 43001
Song, J.I., Hong, W.P., Palmstrom, C.J., Hayes, J.R., Chough, K.B., Van der Gaag, B.P. Microwave characteristics of a carbon-doped base InP/InGaAs heterojunction bipolar transistor grown by chemical beam epitaxy 1556
Song, J.I., Lee, Y.H., Yoo, J.Y., Shin, J.H., Scherer, A., Leibenguth, R.E. Monolithic arrays of surface emitting laser NOR logic devices 20792
Song, J.I. *see* Chough, K.B. 42996
Song, J.J., Kustom, R.L. RF impedance measurement status for the 7-GeV Advanced Photon Source (APS) 15438
Song, J.J., Zhou, J.H., Kustom, R.L. Aperture coupling measurement in a test chamber for the Advanced Photon Source (APS) 15320
Song, J.M. A study on the combination of hidden Markov models and multi-layer perceptron for speech recognition 13038
Song, J.M., Samouelian, A. A robust speaker independent isolated word recognizer over the telephone network based on a modified HMM approach 13055
Song, J.M. *see* Hunt, A.J. 14072
Song, J.M. *see* Maher, A.G. 12997
Song, K.Y., Petrou, M., Kittler, J. Defect detection in textured images 13733

Song, M.K., Sakong, S.C., Tchah, K.H. Realization of power line modem using a direct sequence spread spectrum technique 14366
Song, O., Librescu, L., Rogers, C.A. Adaptive response control of cantilevered thin-walled beams carrying heavy concentrated masses 35187
Song, O.Y., Menon, P.R. Acceleration of trace-based fault simulation of combinational circuits 18628
Song, O.Y., Menon, P.R. 3-valued trace-based fault simulation of synchronous sequential circuits 18629
Song, P.S. *see* Ting, G. 46833
Song, Q. Robust adaptive neural controllers for gas turbine 25229
Song, Q.W., Zhang, C., Talbot, P.J. Self-defocusing, self-focusing, and speckle in $LiNbO_3$ and $LiNbO_3$:Fe crystals 20998
Song, Q.Wang *see* Wang Song, Q.
Song, Q.X. *see* Yan, S.L. 38476
Song, R.-J. *see* Lin, P.-P. 14766
Song, S., Moran, K.P., Rearick, D.P., Lee, S. Thermal performance modeling and measurements of localized water cooled cold plate 355
Song, S. *see* Mahalanobis, A. 10300
Song, S.-J., Schmerr, L.W., Jr., Sedov, A. A frequency domain ultrasonic model for the pulse-echo transducer response of an arbitrary scatterer in a fluid 907
Song, S.H. *see* Carey, C.D. 28670
Song, S.H. *see* Godwin, D.P. 11902
Song, S.L.S. *see* Chowdhury, V. 2257
Song, S.N. *see* Rippert, E.D. 23603
Song, T. *see* Tkaczyk, S. 46989
Song, T.Y. *see* Amidei, D. 46890
Song, X., Neuvo, Y. Image data compression using nonlinear pyramid vector quantization 22013
Song, X.M. *see* Norton, J. 40860
Song, X.N. *see* Lowney, J.R. 15013
Song, Y. *see* Budenstein, P.P. 43186
Song, Y.H., Johns, A.T., Aggarwal, R.K. Nonlinear thyristor-controlled static VAr compensation 16246
Song, Y.H. *see* Aggarwal, R.K. 39541
Song, Y.H. *see* Johns, A.T. 39467
Song, Y.Q. *see* Saba, G. 37054
Song, Y.Q. *see* Simonot, F. 13915
Song Bang-Sup *see* Bang-Sup Song
Song Cai *see* Cai Song
Song De Ma *see* Bingcheng Li 30089
Song Gang Kim *see* Seta, M. 9622
Song Han Il *see* Il Song Han
Song Iichko *see* Iichko Song
Song Iickho *see* Iickho Song
Song Jae Ho *see* Jae Ho Song
Song Jae-Ho *see* Jae-Ho Song
Song Jianming *see* Jianming Song
Song Jin Soo *see* Jin Soo Song
Song Jinju *see* Chen Chia-Erh 15500
Song Jong-In *see* Jong-In Song
Song Joong-Ho *see* Joong-Ho Song
Song Kug-Hyun *see* Kug-Hyun Song
Song Li *see* Li Song
Song Lie-pu *see* Lee Xin-wan 27147
Song Lin *see* Lin Song
Song Liuping, Sun Zhongkang, Shen Zhenkang On the detection of point target in IR homing system 47316
Song Nanxin *see* Kang Xiaoli 43941
Song Qian *see* Zhang Yuancheng 22717
Song Run-Sheng *see* Run-Sheng Song
Song Seong-Ho *see* Seong-Ho Song
Song Seung-Ho *see* Seung-Ho Song
Song Shen *see* Shen Song
Song Shuxian, Gao Benqing The field calculation by FDTD method for 2-D parabolic focusing reflector 21453
Song Sung Jin *see* Sung Jin Song
Song Sung-Jin *see* Sung-Jin Song
Song Wang *see* Miller, J.J.H. 42825
Song Wennan *see* Wen Fushuan 32891
Song Wennan *see* Zhang Yao 16140
Song Xiao-Ping *see* Chen Zhong-Min 11469
Song Xiaolan, Liu Fuyi Study on the formation conditions of the high nonlinearity of ZnO varistor ceramics during sintering process 10520
Song Xiaolan *see* Li Shengtao 10521
Song Xing-Li *see* Cheng Xian-Ping 38730
Song Xiudong *see* Geng Jihong 20610
Song Xiudong *see* Xiudong Song
Song Xudong *see* Xudong Song
Song Yong Jin *see* Yong Jin Song
Song Yongyuan *see* Yongyuan Song
Song Yoon-Ho *see* Yoon-Ho Song
Song Young Jin *see* Young Jin Song
Song Yu, Forrest, S.R. Noise in self-electrooptic effect device logic gates 35536
Song Yu, Forrest, S.R. Implementations of smart pixels for optoelectronic processors and interconnection systems. I. Optoelectronic gate technology 43674
Song Yu, Forrset, S.R. Implementations of smart pixels for optoelectronic processors and interconnection systems. II. SEED-based technology and comparison with optoelectronic gates 43566
Song Zhengfang *see* Zhengfang Song
Song-Cheol Hong *see* Hyun-Ryong Cho 43008
Songcheol Hong *see* Kyu Nam Lim 3180
Songhao Liu *see* Liu Songhao
Songhua He *see* He Songhua
Songmao Wu *see* Wu Songmao
Songmin, S. *see* Shang, W.K. 1770
Songsheng Jiang *see* Jiang Songsheng
Songsheng Tan *see* Tan Songsheng
Songxin Qi *see* Qi Songxin
Songyu Yu *see* Yu Songyu
Songyuan Xu, Shaoqing Xu, Weibing Wang, Zhongming Luo A distributed microcomputer-based monitoring system of substations (DMMSS) 17134
Songyuan Xu, Weidong Zhou, Shaoqing Xu The design and application of the adaptive noise eliminator in oil logging 25986
Songzu Xu *see* Xu Songzu
Soni, T., Zeidler, J.R., Ku, W.H. Detection of point objects in spatially correlated clutter using two dimensional adaptive prediction filtering 29812
Soni, T. *see* Yacoub, G.Y. 27026
Sonin, A.A. *see* Gao, F. 33353
Sonin, A.Y. Subnanosecond ultraviolet nitrogen TEA laser 43730
Sonin, A.Yu. *see* Korobkin, V.V. 28749
Sonka, M., Tadikonda, S.K., Collins, S.M. Genetic algorithms in hypothesize-and-verify image interpretation 29826
Sonnemann, A. *see* Henschel, M. 32338
Sonnenberg, K. *see* Koai, K. 41233
Sonnenburg, H.G., Tuomisto, H. Analysis of a selected two-phase flow phenomenon in VVER reactors with horizontal steam generators 16596
Sonnenmoser, A. *see* Meyer, M. 8949
Sonnenschein, A., Hutchinson, W.K., Cummings, W.C. Geolocation of frequency-hopping transmitters via satellite 22932
Sonnenschein, P. The electricity utilities' advisory service for industrial customers 47394
Sonneveld, W.A. *see* Kreuger, F.H. 32423
Sonoda, K. *see* Ohno, Y. 34080
Sonoda, K. *see* Sayama, H. 26941
Sonoda, N. *see* Minemoto, H. 36005
Sonoda, T., Ueda, R., Ikemoto, H. A high-sensitivity magnetic field sensor shielded from the effect of Earth's magnetism 6411
Sonoda, T. *see* Kimura, T. 18257
Sonoda, T. *see* Koga, K. 16805
Sonoda, T. *see* Sasaki, H. 48250
Sonoi, Y. *see* Mackawa, Y. 7597
Sonsteby, A.G. *see* Black, Q.R. 7620
Sonsteby, A.G. *see* Johnson, R.L. 44863
Sontag, A., Joeckle, R. Arc driven supersonic CW HF chemical laser 11992
Sontag, K. *see* Vokey, D. 5926
Sontag, M.R. *see* Marbach, J.R. 39089
Sonyu Yu *see* Yu Sonyu
Sonz Reorda, M. *see* Cabodi, G. 1161
Sonza Reorda, M. *see* Rebaudengo, M. 41100
Soo Byun Jeong *see* Jeong Soo Byun
Soo Chang Ik *see* Ik Soo Chang
Soo Chin Liew, Hasegawa, B.H., Brown, J.K., Lang, T.F. Noise propagation in SPECT images reconstructed using an iterative maximum-likelihood algorithm 31868
Soo Choi Sang *see* Sang Soo Choi
Soo Joo Nam *see* Nam Soo Joo
Soo Kim Hyeon *see* Hyeon Soo Kim
Soo Kim Hyoun *see* Hyoun Soo Kim
Soo Kim Jin *see* Jin Soo Kim
Soo Kim Kwang *see* Kwang Soo Kim
Soo Lee Sang *see* Sang Soo Lee
Soo Lim Won *see* Won Soo Lim
Soo Min Lee *see* Kwang Ho Kwon 2105
Soo Song Jin *see* Jin Soo Song
Soo Yoo Kwang *see* Kwang Soo Yoo
Soo-Chang Pei, Chien-Cheng Tseng Complex adaptive IIR notch filter algorithm and its applications 44948
Soo-Chang Pei, Fei-Chin Chen Image sampling structure conversion by morphological filters 45081
Soo-Chang Pei, Fei-Chin Chen 3-D spatiotemporal subband decompositions for hierarchical compatible video coding by mathematical morphology 45086
Soo-Chang Pei, Jong-Jy Shyu Design of 2D FIR digital filters by McClellan transformation and least squares eigencontour mapping 18877
Soo-Chang Pei, Jong-Jy Shyu Design of 2-D FIR eigenfilters for sampling structure conversion 27090
Soo-Chang Pei, Lin-Gwo Liou Finding the motion, position and orientation of a planar patch in 3D space from scaled-orthographic projection 45091
Soo-Chang Pei *see* Jong-Jy Shyu 27089
Soo-Han Choi *see* Tai-Kyung Won 11092
Soo-Jin Chua, Seng Hin Lee Contact resistivity dependence on Ge:Ni ratio in AuNiAuGe metallization on n-GaAs 27797
Soo-Jin Chua *see* Hanyu Sheng 19745
Soo-Jin Chua *see* Sheng, H. 2414
Soo-Young Lee *see* Cook, B.D. 27953
Soo-Young Lee *see* Hyuck-Jae Lee 11791
Soo-Young Lee *see* Seong-Won Yuk 11770
Sood, R. *see* Haldar, S. 28128
Soodmann, U. *see* Splitt, G. 31486
SooHoo, J.R. *see* Bey, P.P., Jr. 11774
Soohoo, R.F. Repeatability of Barkhausen transitions in thin films 43264
Soojary, J. *see* Sary, V. 16979
Sook-Il Kwun *see* Jong Cheol Shin 18453
Sooknanan, K. *see* Cogan, A.I. 1550
Sool Jeong Jong *see* Jong Sool Jeong
Soole, J.B.D. *see* Poguntke, K.R. 43868
Soole, J.B.D. *see* Poguntke, K.R. 46014
Soon, N.Y. *see* Hightower, C.H. 23165
Soon Fatt Yoon Observation of degradation recovery in 1.3-μm GaInAsP-InP inverted-rib semiconductor lasers 35872
Soon Fatt Yoon Observation of degradation relaxation in 1.3 μm GaInAsP laser diodes 43828
Soon Hie Tan Transverse magnetic radiation from axially symmetric, cylindrically layered media using the spectral domain method 44584
Soon Hwa Jang *see* Sang Hoon Lee 31049
Soon Sung Yoo *see* Byung Chul Ahn 34998
Soon-Chan Hong *see* Jung-Pyo Lee 16952
Soon-Chui Hwang *see* Ja-Yoon Koo 24968
Soon-Gul Lee, Keunseop Park, Yong Ki Park, Jong-Chul Park High T_c superconductor-normal-superconductor step-edge junction dc SQUIDs with $CaRuO_3$ as the normal metal 43358
Soon-Heung Chang *see* Ki-Sig-Kang 39762
Soon-Ja Park *see* Kug-Hyun Song 15114
Soonckindt, L. *see* Perotin, M. 34695
Soonckindt, L. *see* Schirm, K.M. 42560
Soong, A.C.K., Lind, J.C., Shaw, G.R., Koles, Z.J. Systematic comparisons of interpolation techniques in topographic brain mapping 31913
Soong, F.K. *see* Jung-Kuei Chen 36625
Soong, S.-W. *see* Chan, W.-Y. 4383
Soong, W.L., Miller, T.J.E. Theoretical limitations to the field-weakening performance of the five classes of brushless synchronous AC motor drive 8840
Soong, W.L., Miller, T.J.E. Practical field-weakening performance of the five classes of brushless synchronous AC motor drive 17466
Soong, W.L., Staton, D.A., Miller, T.J.E. Validation of lumped-circuit and finite-element modelling of axially-laminated brushless motors 8328
Soong, W.L. *see* Staton, D.A. 8326
Soong Boon Hee, Liu Jun, Goh Tiong Thye Using higher order statistics to reconstruct signals 13381
Soong Boon Hee *see* Yong Siong Kiat 13909
Soonyong Seong *see* Jinhyeong Park 37134
Sooriyakumaaran, R. *see* Conley, W. 11056
Sooriyakumaran, R. *see* Brunsvold, W. 11082
Sooriyakumaran, R. *see* Ito, H. 11051
Sooriyakumaran, R. *see* Jagannathan, P. 11091
Sopanen, M.A. *see* Hjelt, K.T. 9589
Sopart, U. Greifswald's VVER-440 simulator is open for business 16517
Sophy, K.T. *see* Revankar, U.K. 30917
Sopka, J. *see* Knodler, R. 8759
Sopocy, D.M., Miller, W.H., Diotallevi, D.N., Wroble, J.R., Pace, S.E. Using the SOAPP workstation for planning and conceptual design 39559
Sopori, B.L. Improved passivation of silicon solar cells using combined low-energy hydrogen implantation and optical processing 8775
Sopori, B.L. Simultaneous formation of front and back contacts on solar cells using optical processing 8776
Sopori, B.L. Influence of defects on the performance of silicon solar cells 8779
Sopori, B.L. Mechanism of enhanced hydrogen diffusion in solar cell silicon 10647
Soprano, C. A CDMA synchronisation scheme 37940
Soprano, C. *see* Hughes, C.D. 5853
Soquet, A. *see* Jospa, P. 13101
Soraghan, J.J. *see* Goh, K.H. 36962
Soraghan, J.J. *see* Goh, K.H. 45669
Soramel, F. *see* Davids, C.N. 24115
Soramel, F. *see* Signorini, C. 31799
Sorasen, O. *see* Ohlckers, P. 11278
Sorba, L. *see* Biasiol, G. 34584
Sorba, L. *see* Bratina, G. 1908
Sorba, L. *see* Cantile, M. 34893
Sorbara, D., Visintin, M. Performance comparison of GMSK and $\pi/4$-DQPSK modulations in a mobile radio environment 45840
Sorbello, F. *see* Ardizzone, E. 22258
Sorbet, C.W., Jr. System speeds compliance with MIL-STD-2000 9243
Soref, R.A. Silicon-based optoelectronics 28681
Soref, R.A. *see* Friedman, L. 35485
Soref, R.A. *see* Friedman, L. 35493
Soref, R.A. *see* Friedman, L.R. 20406
Sorek, Y., Reisfeld, R., Finkelstein, I., Ruschin, S. Sol-gel glass waveguides prepared at low temperature 20341
Sorel, H. *see* Cheron, B. 43769
Sorel, Y. *see* Devaux, F. 43408
Sorel, Y. *see* Devaux, F. 43523
Sorel, Y. *see* Mathoorasing, D. 46012
Sorem, M. *see* Harris, D.B. 3422
Sorensen, A.H. Intrabeam scattering 31605
Sorensen, B. Interaction between model problems and convergence 41565
Sorensen, C.B. *see* Pedersen, J.E. 23623
Sorensen, H.B.D., Hartmann, U. Self-structuring hidden control neural models 4491

Sorensen, H.V. *see* De Cleene, B. 13651
Sorensen, H.V. *see* Sayiner, N. 10244
Sorensen, I.W. *see* Kwang Soo Yoo 31341
Sorensen, J.T. *see* Bak-Jensen, J. 16457
Sorensen, J.T. *see* Bak-Jensen, J. 16919
Sorensen, L.B. About PREPARE [interdomain communications management architecture] 14056
Sorensen, M.P., Malomed, B.A., Ustinov, A.V., Pedersen, N.F. Soliton bunching in annular Josephson junction 2909
Sorensen, S.A. *see* Ramos, R.E. 5824
Sorensen, S.A. *see* Ramos, R.E. 14428
Sorge, R. The double sweep HF-CV technique for generation lifetime determination in MOS capacitors 23874
Sorger, U.K. *see* Dettmar, U. 12860
Soriano, L., Galan, L. Interaction of cesium-potassium antimonide photocathode materials with oxygen: an X-ray photoelectron spectroscopy study 10604
Soric, M. AXE 10 in international telephone exchange level 14353
Sorichetti, P.A. *see* Mosquera, C.F. 28994
Sorichetti, P.A. *see* Peuriot, A.L. 28779
Sorin, C., Jouvet, D., Monne, J., Toularhoat, M., Gagnoulet, C. Speech recognition and text-to-speech applications for telecommunications services 21700
Sorin, C., Jouvet, D., Monne, J., Toularhoat, M., Gagnoulet, C. Speech recognition and text-to speech synthesis for telecommunications services: experience the CNET 36630
Sorin, W.V. *see* Baney, D.M. 23913
Sorin, W.V. *see* Venkatesh, S. 46467
Sorlei, Z. *see* Bakos, J.S. 12025
Sorli, M., Zhmud, N. Investigation of force and moment measurement system for a robotic assembly hand 6818
Sormunen, K. *see* Salminen, O. 21097
Sornmo, L. Time-varying digital filtering of ECG baseline wander 15851
Sornmo, L. *see* Attarinejad, R. 15856
Soroka, A.M. *see* Berkeliev, B.M. 11930
Soroka, A.M. *see* Berkeliev, B.M. 11931
Soroka, M.V. *see* Lazarev, V.I. 8486
Sorokin, A.N. *see* Rudenko, L.N. 25729
Sorokin, L.M. *see* Antipov, V.G. 41252
Sorokin, V.N. Speech recognition by means of inverse problem solving 13099
Sorokin, Yu.M. *see* Zubtzov, V.M. 25823
Sorokoput, V.L. *see* Zakhozhii, V.O. 31122
Sorrell, F.Y., Gyurcsik, R.S. Model-based emissivity correction in pyrometer temperature control of rapid thermal processing systems 10793
Sorrentino, R. Modeling microwave structures by 3-D mode matching technique 27188
Sorrentino, R., Mezzanotte, P., Roselli, L., Mongiardo, M., Alessandri, F. Process-oriented CAD of rectangular coaxial line components for beam forming networks 27164
Sorrentino, R., Roselli, L., Mezzanotte, P. Time reversal in finite difference time domain method 21330
Sorrentino, R., Stracca, G.B. The status of microwave education in Italy 17752
Sorrentino, R. *see* Alessandri, F. 1443
Sorrentino, R. *see* Alessandri, F. 1459
Sorrentino, R. *see* Alessandri, F. 19017
Sorrentino, R. *see* Alessandri, F. 19130
Sorrentino, R. *see* Menzel, W. 44519
Sorrentino, R. *see* Righi, M. 4191
Sortais, P., Bisch, M., Bourgarel, M.P., Bricault, P., Leherissier, P., Leroy, R., Pacquet, J.Y., Rataud, J.P. Latest developments on multicharged ECR ion sources at GANIL 15591
Sortais, P. *see* Amendola, G. 15300
Sorteberg, I. *see* Kure, O. 14106
Sosa, E. *see* Moura, L. 39049
Sosa, H., Pourki, F. Modelling of piezoelectric multilayer structures 20044
Soshelev, S.B. *see* Vydai, A.V. 26191
Soshnikov, M.P. *see* Gordeev, N.Yu. 20761
Sosin, K.A. *see* Roberge, P.R. 32041
Soskin, M.S. *see* Korchemskaya, E.Y. 13515
Sosniak, J. *see* Morgan, R.E. 402
Sosnin, A.N. *see* Barashenkov, V.S. 15613
Sosnin, F.R. *see* Klyuev, V.V. 18354
Sosnosky, J. Service applications for SONET DCS distributed restoration 37260
Sosnov, E.N. *see* Gryaznov, N.A. 43727
Sotnikov, A.V. *see* Yushin, N.K. 11417
Sotnikov, V.I., Solovyev, G.I., Ashour-Abdalla, M., Schriver, D., Fiala, V. Structure of the near zone electric field and the power radiated from a VLF antenna in the ionosphere 21414
Sotnikov, V.V. Calculation of eddy currents in piecewise-uniform thin-walled cylindrical enclosure 25416
Soto, J. Arbitrary-intensity-profiles measurement of laser beams by a scanning and rotating slit 20961
Soto, J.M.Fernandez *see* Fernandez Soto, J.M.
Soto, L. *see* Chuaqui, H. 12449
Soto, O.Gonzalez *see* Gonzalez Soto, O.
Soto-Crespo, J.M. *see* Akhmediev, N. 35390
Soto-Crespo, J.M. *see* Fraile-Pelaez, F.J. 3022
Sotoca, I.A. *see* Aligue, F.J.L. 18541
Sotom, M. *see* Chiaroni, D. 37687
Sotomayor, J.L. *see* Beheim, G. 6540
Sotomayor Torres, C.M., Smart, A.P., Watt, M., Foad, M.A., Tsutsui, K., Wilkinson, C.D.W. Nanometer fabrication techniques for wide-gap II-VI semiconductors and their optical characterization 42487
Sotomayor Torres, C.M., Wang, P.D., Tang, Y.-S., Ledentsov, N.N. Quantum dots for optoelectronics 43607
Sotomayor Torres, C.M. *see* MacLeod, R.W. 19393
Sotomayor-Torres, C.M. *see* Murad, S.K. 27741
Sotomura, T., Uemachi, H., Miyamoto, Y., Kaminaga, A., Oyama, N. Lithium polymer secondary cell using disulfide-polyaniline composite cathode and gel electrolyte 48061
Sotoudeh, K. *see* Hoots, J.E. 47615
Sotoyama, W., Tatsuura, S., Yoshimura, T. Fabrication techniques for electro-optic polymer waveguides 28502
Sotskaya, L.I. *see* Sotskii, A.B. 43476
Sotskaya, L.I. *see* Sotskiy, A.B. 11652
Sotskii, A.B., Khomchenko, A.V., Sotskaya, L.I. Determination of the profiles of planar waveguides from the intensity distributions of mode emission in the far field 43476
Sotskiy, A.B., Sotskaya, L.I. Integrated-optics devices based on straight waveguides 11652
Sotteau, D. *see* Heydemann, M.C. 33490
Sottile, J. *see* Trutt, F.C. 47868
Sottile, J., Jr., Kohler, J.L. An on-line method to detect incipient failure of turn insulation in random-wound motors 32859
Sottile, M.R. *see* Brittain, K. 39287
Sottini, S., Grando, D., Giorgetti, E., Trigari, S., Gabrielli, G., Nocentini, M., Sbrana, G. Langmuir-Blodgett films of poly-3BCMU for waveguide nonlinear optics 3791
Sottos, N.R., Li, L., Scott, W.R., Ryan, M.J. Micromechanical behavior of 1-3 piezocomposites 20043
Sou-Chen Lee *see* Jeng-Heng Chen 47177
Soualhi, A.A., Hassan, E. Simplified expression for the expected error span recovery for variable length codes 12842
Soualmi, M. *see* Bettaz, M. 13911
Soucek, B. *see* Manger, R. 42108
Souda, H. *see* Ohya, J. 3568
Souda, H. *see* Tanaka, M. 6239
Soudee, J., Chardin, G., Giraud-Heraud, Y., Pari, P., Chapellier, M. Properties of NTD #23 Ge sensors and RuO_2 films as thermal sensors for bolometers 23600
Soudee, J. *see* Yvon, D. 24035
Souder, W.E. Getting together: a state-of-the art review of the challenges and rewards of consortia 195
Souders, T.M. *see* Guangqiu Tong 23492
Soufi, B. *see* Tyrer, J.R. 40876
Soufi, B. *see* Vassie, L.H. 20586
Souilhac, D., Billerey, D. Efficient acoustooptically phase-matched noncollinear optical second harmonic generation in tellurium 21068
Souissi, K., Tang, H.H.K. Investigations of a new impact ionization model for submicron devices 19775
Souissi, Y. *see* Budkowski, S. 14116
Soujeole, A.de la *see* de la Soujeole, A.
Souk, J.H. *see* Wright, S.L. 19871
Soukas, A. *see* Huang, H. 7044
Soukiassian, P. *see* Schirm, K.M. 42560
Soukup, H. *see* Biesenack, J. 33836
Soukup, J. Maze router without a grid map 26606
Soukup, R.J., Brooks, J.D. The blend of symbolic and numeric simulation in introductory electrical engineering 26100
Soulard, M., Roques, D. A 2 watts Ku-band class AB MMIC amplifier 27265
Soulard, M. *see* Cameron, N.I. 28210
Soulas, T. *see* Oklobdzija, V.G. 26794
Soule, C.A. Air and liquid cooling techniques for high power density components 9316
Soule, L., Gupta, A. An evaluation of the Chandy-Misra-Bryant algorithm for digital logic simulation 26628
Soulen, R.J., Jr., Fogle, W.E., Colwell, J.H. Measurements of absolute temperature below 0.75 K using a Josephson-junction noise thermometer 46656
Soulen, R.J., Jr., Fogle, W.E., Colwell, J.H., Cohn, J.L., Seppa, H. Influence of the Josephson junction on the impedance and noise of a resistive superconductive quantum interference device 11544
Soulen, R.J., Jr. *see* Gubser, D.U. 11548
Soulie, F.F., Viennet, E., Lamy, B. Multi-modular neural network architectures: applications in optical character and human face recognition 22138
Soulieres, L. *see* Grondin, R. 24697
Soulis, E.D. *see* Barber, D.G. 32080
Souloumiac, A. *see* Cardoso, J.F. 4734
Souloumiac, A. *see* Cardoso, J.F. 21792
Soumis, F. *see* Sanso, B. 14154
Soumiya, T. *see* Abe, S. 45638
Soumyanath, K., Von Arx, J. An analog parallel processor for the dynamic programming paradigm 18915
Soundra Pandian, G., Dilwali, S. On the equalization of FM response of laser diodes 23073
Soures, J.M., McCrory, R.L., Boehly, T.R., Craxton, R.S., Jacobs, S.D., Kelley, J.H., Kessler, T.J., Knauer, J.P., Kremens, R.L., Kumpan, S.A., Letzring, S.A., Seka, W.D., Short, R.W., Skeldon, M.D., Skupsky, S., Verdon, C.P. OMEGA Upgrade laser for direct-drive target experiments 3410
Souriau, J.C., Romero, R., Borel, C., Wyon, C., Li, C., Moncorge, R. Room-temperature diode-pumped continuous-wave $SrY_4(SiO_4)_3O:Yb^{3+}$, Er^{3+} crystal laser at 1554 nm 35736
Souriau, J.C. *see* Li, C. 43779
Sourlas, N. Spin glasses, error-correcting codes and finite-temperature decoding 29440
Sousa, E.S. Performance of a direct sequence spread spectrum multiple access system utilizing unequal carrier frequencies 5182
Sousa, E.S., Jovanovic, V.M., Daigneault, C. Delay spread measurements for the digital cellular channel in Toronto 37768
Sousa, G.C.D., Bose, B.K. A fuzzy set theory based control of a phase-controlled converter DC machine drive 40548
Sousa, J. *see* Simoes, P.C.S. 23471
Sousa, J.T. *see* Saraiva, M. 1189
Sousa, M.J. *see* Cozzens, J.H. 44990
Sousek, J. Development of the assortment of heating wires and cables 33145
Soutar, C., Monroe, S.E., Jr., Knopp, J. Complex characterisation of the Epson liquid crystal television 28529
Soutar, C. *see* Monroe, S.E., Jr. 36857
South, C.R., Rugelbak, J., Usai, P., Kitawaki, N., Irii, H., Rosenberger, J., Cavanaugh, J.R., Adesanya, C.A., Pascal, D., Gleiss, N., Barnes, G.J. Subjective performance assessment of CCITT's 16 kbit/s speech coding algorithm 4461
South, C.R. *see* Milner, S.H. 5623
South, C.R. *see* Milner, S.H. 22470
South, C.R. *see* Milner, S.H. 44750
South, D.W. *see* Fernau, M.E. 32671
South, P. *see* Babiak, R. 16496
Southall, S. *see* Chubb, J.N. 36110
Southey, R.D. *see* Dawalibi, F.P. 47583
Southwick, R., Hoehn, A.J. The dipole antenna revisited 36391
Southwood, M. *see* Rudberg, D.A. 6789
Southworth, G. Video display of temporal phenomena 23495
Souto, J., de Saja, J.A., Gobernado-Mitre, M.I., Rodriguez, M.L., Aroca, R. NO_x gas detection with Langmuir-Blodgett monolayers of tetra-tert-butyl phthalocyanine complexes 6627
Soutome, Y. *see* Satoh, Y. 43304
Soutome, Y. *see* Shikama, S. 43305
Souza, C.C.de *see* de Souza, C.C.
Souza, E.A.De *see* De Souza, E.A.
Souza, E.M.De *see* De Souza, E.M.
Souza, F.M.Campello de *see* Campello de Souza, F.M.
Souza, J.N.De *see* De Souza, J.N.
Souza, J.P.de *see* de Souza, J.P.
Souza, J.R. Frequency-dependent characteristics of thick microstrip lines in lossy multilayered dielectric media 1392
Souza, M., Vidigal, C., Taquin, J., Sauzade, M. Optimal design of a self shielded magnetic resonance imaging magnet 15815
Souza, P.V.de *see* de Souza, P.V.
Souza, R.de *see* de Souza, R.
Sova, R.M. *see* Grabow, B.E. 23863
Sover, B. *see* Hodisan, A. 10449
Sovero, E.A. *see* Kim, M. 1584
Sovero, E.A. *see* Moonil Kim 34252
Sovero, E.A. *see* Moonil Kim 34279
Sovero, E.A. *see* Rutledge, D.B. 27288
Sovetov, V.M. Synthesis and analysis of a receiver of complex signals that is adaptive to pulse jamming by using the state space method 44807
Sovey, J.S. *see* Stone, J.R. 7558
Sovie, A.L. Demonstrated survivability of a high temperature optical fiber cable on a 1500 pound-thrust rocket chamber 7534
Sovtsov, Yu.A. *see* Golovko, Ya.D. 11471
Sowa, K., Nakanishi, Y., Hatanaka, Y. Electroluminescent characteristics of Eu doped Y_2O_3 and Y_2O_2S thin films 3350
Sowa, Y. *see* Itoh, K. 5788
Sowinski, J. Interactions between a polarized ^{3}He target, the IUCF Cooler and an experiment 31648
Sowri Rajan, K. Introduction to AXE exchanges 14339
Sowri Rajan, K. Asynchronous transfer mode (ATM) 45297
Soyama, Y., Yasuda, T., Yokoi, S., Toriwaki, J. A method to construct simple scene model and to generate animations for landscape simulation 45239
Soyer, R. *see* Mazzuchi, T.A. 17974
Soysal, A.O., Semlyen, A. Practical transfer function estimation and its application to wide frequency range representation of transformers 25494
Soysal, A.Oguz *see* Oguz Soysal, A.
Soyuer, M. A monolithic 2.3-Gb/s 100-mW clock and data recovery circuit in silicon bipolar technology 42019

Soyuer, M., Ainspan, H.A. A monolithic 2.3 Gb/s 100 mW clock and data recovery circuit 34141
Soza, D. *see* Corcoran, S.F. 42541
Spaai, G.W.G., Hermes, D.J. A visual display for the teaching of intonation 4519
Spaans, E. *see* Kerkhof, A.C. 22907
Spaans, J.L., van der Woude, C.R. DACS V-2000 and DACS VI-2000: flexibility and control 45691
Spaar, M.T. *see* Arlinghaus, H.F. 42386
Spaargaren, P.A.D. *see* Prasad, R. 22504
Spachenko, O.V. *see* Safronov, G.S. 13502
Spadaccini, U. *see* Werner, J.H. 27579
Spadtke, P. *see* Angert, N. 6905
Spadtke, P. *see* Franzke, B. 15382
Spadtke, P. *see* Schaaf, U. 15359
Spadtke, P. *see* Steck, M. 7061
Spadtke, P. *see* Wolf, B.H. 15590
Spaedtke, P. *see* Jennewein, E. 23963
Spaepen, F., Nygren, E., Wagner, A.V. Metal-enhanced growth of silicon 9574
Spaggiari, C., Bertoni, S., Cerofolini, G.F., Fumagalli, P., Meda, L. Thin buried oxide in oxygen-implanted silicon 19459
Spaggiari, C. *see* Cerofolini, G.F. 27645
Spaggiari, C. *see* Cerofolini, G.F. 34610
Spagnolini, U. 2-D phase unwrapping and phase aliasing 39370
Spagnolo, B. *see* Mantegna, R.N. 42856
Spagnolo, G.S. *see* Paoletti, D. 38701
Spagnolo, G.Schirripa *see* Schirripa Spagnolo, G.
Spahni, H. *see* Renn, A. 20283
Spahni, S. *see* Scherrer, J.-R. 30480
Spain, L. How a utility plans for steam generator replacement 8099
Spain, L.L. Planning pays off for North Anna [steam generator replacement] 8105
Spakovsky, M.R.Von *see* Von Spakovsky, M.R.
Spalding, T. *see* O'Leary, A. 804
Spalek, G. *see* Maggiore, C.J. 38662
Spalek, O. *see* Schmiedberger, J. 12008
Spalek, O. *see* Schmiedberger, J. 35669
Spalj, S. *see* Feretic, D. 39820
Spalj, S. *see* Saban, I. 39823
Spallaccini, C. *see* Martinelli, G. 5014
Spalvieri, A. *see* Guglielmi, F. 14443
Spamer, E. *see* Genz, H. 15271
Spamer, T.C. *see* Carnaghan, R.M. 13828
Spammer, S.J. Optical fibre sensors 46472
Spandre, G. *see* Angelini, F. 7225
Spandre, G. *see* Angelini, F. 46951
Spanel, U. *see* Krost, G. 32269
Spangenberg, B. *see* Barth, R. 28401
Spangenberg, B. *see* Danev, G. 27820
Spangenberg, B. *see* Garnev, I. 10567
Spangler, C.W. *see* Swiatkiewicz, J. 44108
Spangler, R.A. *see* Hejazi, S. 31290
Spanias, A. *see* Tsakalis, K. 21886
Spanias, A.S. Block time and frequency domain modified covariance algorithms for spectral analysis 21716
Spanias, A.S. *see* Deisher, M.E. 44949
Spanic, I. Processor controlled digital telephones in business communication system MD110 37638
Spaniol, J. Teaching digital image processing within a general engineering course 13839
Spaniol, O. The evolution of high performance networking: driving forces and handicaps 14001
Spaniol, O. *see* Heinrichs, B. 30467
Spano, P. *see* Balle, S. 3629
Spano, P. *see* Mecozzi, A. 35804
Spano, P. *see* Valle, A. 3721
Spanoche, S.A., Glesner, M. Building blocks for a full custom A/D converter used in a volume flow sensing application 46691
Spanos, C.J. *see* Chen, R.L. 1989
Spanos, C.J. *see* Leang, S. 2287
Spanos, L., Irene, E.A. A fractal study of silicon surfaces 34712
Spanos, L. *see* Hu, Y.Z. 34759
Spanos, L. *see* Xu, X. 835
Spanos, L. *see* Xu, X.-L. 9724
Spany, V. *see* Pivka, L. 995
Sparacino, M. *see* Soldadino, G. 48219
Sparaggis, P.D., Cassandras, C.G., Towsley, D. On the duality between routing and scheduling systems with finite buffer space 9382
Spariosu, K. *see* Chen, W. 20949
Spariosu, K. *see* Stultz, R.D. 35975
Sparis, P.D., Papadopoulos, D. Permanent orientation wind turbines: a preliminary feasibility study 8250
Sparkman, M. The migration to passive networks 38334
Sparks, C. *see* Partlo, W.N. 2333
Sparks, D.R. Chemically-accelerated corrosion tests for aluminum metallized ICs 2165
Sparks, D.R., Hankins, K.T., Levitan, A.J. Hot-carrier effects in polysilicon emitter vertical PNP and NPN transistors 2449
Sparmann, U. *see* Molitor, P. 43075
Sparpaglione, M. *see* Cerofolini, G.F. 11279
Sparreboom, D., Punt, J. Data broadcasting with feedback 38227
Sparso, J., Staunstrup, J. Delay-insensitive multi-ring structures 10046
Spasojevic, P. *see* Kezunovic, M. 32507
Spasojevic, P. *see* Kezunovic, M. 39676
Spasov, A.Y. *see* Nurgaliev, T.K. 38644
Spassov, L. Acoustoelectronics in Bulgaria: research and development 2771
Spassov, L., Yankov, Y. An application of a thermosensitive quartz resonator for liquid flow rate measurement 46673
Spassov, L. *see* Medigue, C. 39056
Spassov, V. *see* Sueva, D. 7179
Spassov, V. *see* Vapirev, E.I. 46923
Spassov, V.A. *see* Yovchev, I.G. 21176
Spassova, E. *see* Danev, G. 27820
Spassovsky, I.P. *see* Yovchev, I.G. 21176
Spataro, B. *see* Bartalucci, S. 7054
Spataro, B. *see* Bartalucci, S. 15501
Spataro, B. *see* Bartalucci, S. 15502
Spataro, B. *see* Bartalucci, S. 31551
Spath, B., Blase, F. Synthetic optical fibres for flexible power supply systems 35350
Spatschek, K.H. *see* Kivshar, Y.S. 36000
Spaul, W.J. *see* Chiang, K.S. 38537
Spaulding, A.D. Non-Gaussian noise in communication 44425
Spaulding, K.E., Ray, L.A., Sullivan, J.R. Secondary quantization of color images for minimum visual distortion 22085
Spayd, N. *see* Ruiz, E. 46707
Spaziani, A. *see* Denby, B. 7272
Speake, C.C. *see* Moore, T.D. 23570
Speakman, N.O. *see* Luik, I. 48168
Spear, D.M. Users' experiences with EDA libraries 26151
Spear, J.D. *see* Scannell, R.K. 9270
Spear, K.E. *see* Howard, W.N. 18242
Spear, P. *see* Imai, K. 4151
Spear, W.E., Le Comber, P.G. Substitutional doping of amorphous silicon 27464
Spears, M. *see* Kramer, S. 17337
Spears, M.O. *see* Atkins, R.A. 46469
Specht, D.F. *see* Abatzoglou, T.J. 29645
Specht, H.J. *see* Baur, R. 46897
Specht, H.J. *see* Baur, R. 46911
Specht, O. *see* Skerl, O. 31141
Specht, S. *see* Papadakis, N. 17210
Speciale, R.A. Symmetry analysis of large two-dimensional clusters of coupled cavity resonators 44518
Speciale, R.A. *see* Kato, K.G. 19304
Speck, D., Niehage, U., Huber, A. Design aspects for distribution automation systems based on the example of the regional control centres of the Neckarwerke Elektrizitatsversorgungs-AG 24922
Speck, D.R. *see* Van Wonterghem, B.M. 35946
Speck, D.R. *see* Wilcox, R.B. 35715
Speck, J.S. *see* Fork, D.K. 28309
Speck, T. *see* Blume, D. 17620
Speckman, D.M. Aluminum CVD for interconnect thin films 41475
Specks, J.W., Engl, W.L. Computer-aided design and scaling of deep submicron CMOS 19997
Spector, G.B., McCollum, T., Spowart, A.R. Improved scintillator fiber optic long counter for neutron detection and spectroscopy 24122
Spector, G.B. *see* McColluma, T. 46477
Spee, R. *see* Wallace, A.K. 8287
Spee, R. *see* Wallace, A.K. 8862
Spee, R. *see* Wallace, A.K. 16789
Spee, R. *see* Wallace, A.K. 17644
Speelman, D.-J. *see* Haverkort, B.R. 37103
Speerschneider, C.J. *see* Jacobsen, W.F. 15958
Speh, R.M. Protection and control for high voltage power switching installations 8719
Speh, R.M. *see* Groll, R. 25612
Speh, R.M. *see* Schegner, P. 24826
Speicher, P. *see* Fayette, D.F. 9269
Speidel, S. Attentional neurocomputing 36668
Speier, P. *see* Dupraz, J. 5988
Speier, P. *see* Haisch, H. 12164
Speier, P. *see* Ilis, P. 10707
Speier, P. *see* Oshinowo, J. 10809
Speirs-Bridge, A. *see* Katz, H. 45457
Speiser, S. *see* Dantsker, D. 43526
Speiser, S. *see* Tamir, S. 33691
Speiss, W. *see* Brittner, P. 7066
Spek, G.A.van der *see* van der Spek, G.A.
Speller, R.D. *see* Martinez-Davalos, A. 7342
Spellman, J.P. *see* MacGregor, P.R. 47440
Spellman, M.I. Data link considerations for GPS based airport surface traffic management systems 39320
Spellman, P. *see* Messing, T. 17191
Spellman, P.J. *see* Larsen, D.M. 17162
Spellman, P.J. *see* Oxley, J.E. 17161
Spelman, F.A. *see* Suesserman, M.F. 24287
Spelt, J.K. *see* Dickstein, P.A. 9831
Spence, D.A. *see* Mitkas, P.A. 22288
Spence, D.E., Dudley, J.M., Lamb, K., Sleat, W.E., Sibbett, W. Nearly quantum-limited timing jitter in a self-mode-locked Ti:sapphire laser 43815
Spence, D.E. *see* Sibbett, W. 12089
Spence, D.E. *see* Sibbett, W. 43753
Spence, H.E., Blake, J.B., Fennell, J.F. Surface charging analysis of high-inclination, high-altitude spacecraft: Identification and physics of the plasma source region 39147
Spence, H.F. Printed circuit board diagnosis using artificial neural networks and circuit magnetic fields 34328
Spence, I. Displaying digital images in a distributed processing environment 37008
Spence, L.B., Temkin, R.J. A very high power, wide bandwidth imaging radar design 23189
Spence, W. *see* Decker, F.J. 15369
Spence, W. *see* Krejcik, P. 15394
Spence, W. *see* Minty, M. 15342
Spencer, B.W. *see* Guppy, J.G. 32600
Spencer, E. *see* Ziock, H.-J. 46885
Spencer, E. *see* Ziock, H.J. 7184
Spencer, E.N. *see* Barberis, E. 24093
Spencer, G.F. *see* Andrews, C.C. 19920
Spencer, G.F. *see* Andrews, C.C. 42992
Spencer, G.F. *see* Lee, S. 19742
Spencer, G.F. *see* Li, F. 27549
Spencer, G.F. *see* Wang, T. 6745
Spencer, J. The European market for broadband fiber systems 38041
Spencer, J. *see* Decker, F.J. 15369
Spencer, J. *see* Ladwig, R. 14873
Spencer, J. *see* Limberg, T. 7035
Spencer, J. *see* Ruth, R.D. 46776
Spencer, J.E. *see* Moshammer, H.W. 15413
Spencer, J.T. *see* Chin, A. 41382
Spencer, J.T. *see* Hwang, S.-D. 42784
Spencer, J.W. *see* Cosgrave, J.A. 48028
Spencer, J.W. *see* Liu, W.D. 17101
Spencer, M. *see* Ballegeer, D.G. 10902
Spencer, M. *see* Dmitriev, V.A. 19652
Spencer, M.E., Leahy, R.M., Mosher, J.C., Lewis, P.S. Adaptive filters for monitoring localized brain activity from surface potential time series 31952
Spencer, M.E. *see* Mosher, J.C. 31951
Spencer, M.G. *see* Irvine, K.J. 18267
Spencer, N. *see* O'Shaughnessy, K. 47008
Spencer, R. *see* Lyle, S. 27051
Spencer, R.E. *see* Zhang, F.J. 38194
Spencer, R.R. *see* Matthews, T.W. 27100
Spencer, R.R. *see* Matthews, T.W. 42089
Spencer, T., Lettang, F., McAllister, C., Riccio, T., Orth, J., Weiss, D., Arnold, B. A workstation I/O system on a chip 41917
Spencer, T., III *see* Brigandi, A.J. 45476
Spentzas, C.N. Towards an electric vehicle policy 8902
Sperandei, M. *see* Morales, P. 34461
Speranza, G., Nollo, G., Ravelli, F., Antolini, R. Beat-to-beat measurement and analysis of the R-T interval in 24 h ECG Holter recordings 15850
Speranza, R. *see* Leonardi, F. 8635
Sperisen, F. *see* Phelps, R.A. 38798
Sperisen, F. *see* Ross, M.A. 31615
Sperka, D. *see* Alexander, J.P. 24110
Sperka, D.J. *see* Alexander, J.P. 46860
Sperlich, R. Custom-made decoupling capacitors 10533
Sperling, W., Spiess, K., Gartner, M. Interactive MMS monitor 5480
Sperrin, G.F., McNamara, A. Optical measurements outside the laboratory 20304
Speth, J. *see* Kilian, K. 23956
Spetz, A. *see* Arbab, A. 6655
Speyer, R.F. *see* Hackenberger, W.S. 17861
Speziali, V. *see* Radeka, V. 15674
Speziali, V. *see* Radeka, V. 18494
Spezziga, M. *see* Angelini, F. 46951
Spezziga, M.A. *see* Angelini, F. 7225
Sphicopoulos, T. *see* Tzelepis, V. 35756
Sphicopoulos, T. *see* Tzelepis, V. 44077
Spiccia, L. *see* Bell, J.M. 35480
Spicer, C., Barlow, P. Use of the vertical blanking interval on BBC distribution 38218
Spicer, J. *see* Ciesielski, V. 7367
Spicer, W.E., Herrera-Gomez, A. Modern theory and applications of photocathodes 19280
Spicer, W.E. *see* Herrera-Gomez, A. 23990
Spicer, W.E. *see* Lin, X.W. 19423
Spicer, W.E. *see* Meissner, P.L. 1939
Spicher, T., Kent, J. Turning operator log data into meaningful information 32831
Spick, T. *see* Bahr, J. 11796
Spickermann, R. *see* Tauber, D.A. 43857
Spickmann, W. Optical access network in Germany 5906
Spiegel, E.M., Bisdikian, C., Tantawi, A.N. Characterization of the traffic on high-speed token-ring networks 37388
Spiegel, J.Van der *see* Van der Spiegel, J.
Spiekermann, J. *see* Pfeifer, T. 40851
Spieler, H. Analog front-end electronics for the SDC Silicon Tracker 46979
Spielmann, C. *see* Stingl, A. 28796
Spielmann, C. *see* Szipocs, R. 28586
Spiering, R.M.E.J. *see* Spiering, V.L. 17840
Spiering, V.L., Bouwstra, S., Burger, J.F., Elwenspoek, M. Membranes fabricated with a deep single corrugation for package stress reduction and residual stress relief 31206
Spiering, V.L., Bouwstra, S., Spiering, R.M.E.J. On-chip decoupling zone for package-stress reduction 17840
Spierings, G.A.C.M. Wet chemical etching of silicate glasses in hydrofluoric acid based solutions 2103
Spierings, G.A.C.M. *see* van Glabbeek, J.J. 28324
Spierings, W. *see* van Nuland, E. 36046
Spies, A. *see* Amidei, D. 46890
Spies, A. *see* Tkaczyk, S. 46989
Spies, W. *see* Jennewein, E. 23963
Spiess, K. *see* Sperling, W. 5480

Spiess, W. *see* Przybilla, K.J. 11052
Spiess, W. *see* Roschert, H. 11047
Spighi, R. *see* Bertin, A. 31795
Spigler, R. *see* Hernandez, D.B. 33551
Spijker, J.C.van't *see* van't Spijker, J.C.
Spiker, A., Walls, W.F., Campbell, J.L. Development of job cards for mechanical maintenance 39749
Spiker, A. *see* Fischer, S.C. 39776
Spiker, A. *see* Geiwitz, J. 39696
Spikings, C.R. *see* Thornton, E. 44277
Spikins, D. *see* Marshman, C.A. 44404
Spilko, J. Dry cooling enhances Syria's Teshrin plant operation 47713
Spill, B. *see* Bertram, D. 41346
Spillantini, P. *see* Bocciolini, M. 24082
Spille, J. *see* Schroeder, E.F. 14822
Spiller, E. Early history of X-ray lithography at IBM 2297
Spiller, P., Winker, M., Tauschwitz, A., Hoffmann, D.H.H., Wollnik, H. Pulsed, high-current and iron-free ion optical systems for beam transport in ICF driver accelerators 31572
Spiller, T.P. *see* Diggins, J. 46397
Spiller, T.P. *see* Prance, H. 20205
Spilling, P. *see* Olnes, J. 37303
Spillinger, I. *see* Even, G. 10145
Spillman, D.M., Ebel, S.J., Clark, W.D.K. Pressure tolerant lithium cells 17173
Spillman, R. Cryptanalysis of knapsack ciphers using genetic algorithms 12862
Spillman, T. *see* Dillier, N. 24361
Spillman, W.B., Jr. Instrumentation architecture development for smart structures 6347
Spillman, W.B., Jr., Huston, D.R., Fuhr, P.L., Lord, J.R. Neural network damage detection in a bridge element 23670
Spina, R., Upadhyaya, S. Fault diagnosis of analog circuits using artificial neural networks as signature analyzers 17828
Spindel, R.C. *see* Cornuelle, B.D. 7624
Spindler, G., Renz, G. Free-electron lasers: scaling laws for microundulator operation in magnetoresonance with a strong guide field 35912
Spindler, G. *see* Renz, G. 3697
Spindt, C.J. *see* Meissner, P.L. 1939
Spinella, C. *see* Coffa, S. 10843
Spinella, C. *see* Grimaldi, M.G. 18216
Spinella, C. *see* La Via, F. 2236
Spinella, C. *see* La Via, F. 18147
Spinelli, A. Signal conditioning and conversion 9961
Spinelli, A. A guide to backplane design 42017
Spinelli, J. *see* Fekete, A. 22627
Spinelli, P. *see* Calasanzio, D. 17554
Spinelli, P., Dal Fante, M., Marchesini, R. *(editors)* Photodynamic Therapy and Biomedical Lasers. Proceedings of the International Conference on Photodynamic Therapy and Medical Laser Applications 63
Spinello, G. *see* Lopes, A. 22950
Spinello, G. *see* Santo, L. 22971
Spinetti, M. *see* Antonelli, A. 24054
Spini, M. *see* Benedetto, V. 14413
Spinillo, G. *see* Lyons, C. 2365
Spinka, H. *see* Huang, H. 7044
Spinks, T.J., Shah, S.I. Effect of lead filters on the performance of a neuro-PET tomograph operated without septa 15740
Spinner, C.R., III *see* Johnson, J.R. 11014
Spinney, M.H. *see* Wan, A.W.L. 16016
Spinnler, W. *see* Guo, N. 21640
Spiralski, L. *see* Cichosz, J. 23868
Spiridonov, A. *see* Denisov, S. 31708
Spiridonov, A.A. *see* Gilitskii, Yu.V. 46921
Spiridonov, A.V. *see* Kolyadin, N.M. 25853
Spiridonov, A.V. *see* Velikhov, Ye.P. 25755
Spirin, V.S. *see* Belotitskii, V.I. 2943
Spirin, V.V. *see* Petrov, M.P. 12060
Spirin, V.V. *see* Petrov, M.P. 12063
Spirit, D.M. *see* Ellis, A.D. 12235
Spirit, D.M. *see* Ellis, A.D. 30727
Spirit, D.M. *see* Patrick, D.M. 37656
Spirit, D.M. *see* Shan, X. 3525
Spiriti, E. *see* Bosio, C. 15618
Spiriti, E. *see* Gao, Z. 46312
Spirito, P., Persiano, G.V., Strollo, A.G.M., Fallica, G. Evaluation of lateral diffusion factor in silicon from subthreshold current in short-channel vertical SIT test structure 43013
Spirito, P., Sanseverino, A. Determination of energy levels of recombination centers in low-doped Si layers by temperature dependence of recombination lifetime 42405
Spirito, P. *see* Breglio, G. 15220
Spirito, P. *see* Fratelli, L. 2469
Spirito, P. *see* Persiano, G.V. 2590
Spirito, P. *see* Sanseverino, A. 1832
Spirkovitch, S. *see* Milne, N.G. 8470
Spiteri, P. *see* Clemendot, F. 25941
Spitsyn, A.I. Static stability of a current-carrying ring in the magnetic field of a fixed ring 43371
Spitulnik, F. *see* Wang, X.W. 865
Spitz, E., Dolfi, D., Huignard, J.-P. Microwave beam forming by optical delay switching 4336
Spitz, W. *see* Hutter, G. 9976
Spitzer, A.R., Hassoun, M. NNERVE: neural network extraction of repetitive vectors for electrodiagnosis 24295
Spitzer, C.J. Odyssey personal communications satellite system 37928
Spitzer, H. *see* Simmeth, R.-J. 24521
Spitzer, K. Observations of geomagnetic pulsations and variations with a new borehole magnetometer down to depths of 3000 m 24466
Spitzer, R.C., Kauffman, R.L., Orzechowski, T., Phillion, D.W., Cerjan, C. Soft X-ray production from laser produced plasmas for lithography applications 27991
Spitzer, R.C. *see* Gaines, D.P. 27822
Spitzer, R.C. *see* Kauffman, R.L. 27810
Spitznagel, G.W. *see* Huttenhofer, K. 39977
Spitznagel, K. Critical success factors in assembly automation for the electronics industry 26173
Spiwak, R. *see* Brinthaupt, D. 30972
Spiwoks, R. *see* Borer, K. 7221
Spjut, R.E. *see* Won-Kyu Rhim 4011
Splett, A., Kurtzke, C., Petermann, K. Ultimate transmission capacity of amplified optical fiber communication systems taking into account fiber nonlinearities 30849
Splett, A., Zinke, T., Petermann, K., Kasper, E., Kibbel, H., Herzog, H.-J., Presting, H. Integration of waveguides and photodetectors in SiGe for 1.3 μm operation 38521
Splett, A. *see* Zinke, T. 11666
Splitt, G. Improved numerical strategies for rigorous analysis of microstrip antennas 29309
Splitt, G., Soodmann, U. Screw stress measurements with ultrasonic noise and demonstration 31486
Spoelstra, J., Botha, E.C. Radar target recognition using multiple bounce scattering terms 14696
Spoer, P., Weidenbruch, H.-U. A RAM-based image sequence storage and processing system for realtime I/O of super high-definition TV-signals 38284
Spohr, R. *see* Yoshida, M. 7267
Spolaor, F., Ionescu, B. Noise in electric motors 8308
Spolaor, F., Ionescu, B. The noise levels of electric motors 17618
Spolaore, P. *see* Davids, C.N. 24115
Spooner, C. *see* Hashemi, H. 33379
Spooner, C.M., Gardner, W.A. Performance evaluation of cyclic polyspectrum estimators 21895
Spooner, E., Chalmers, B.J., Sitzia, A. Design study of DC motors with high-Tc superconducting field winding 8445
Spooner, E.D. *see* Grantham, C. 40191
Spooner, F.H. *see* Stephan, K.D. 34281
Spooner, H., Peace, K., Martin, B., Christy, T., Brown, T. Case history of Piney Creek circulating fluid bed project 8147
Spooner, N.J.C., Homer, G.J., Smith, P.F., Bewick, A. Investigation of high purity Si detectors with ohmic contacts at low temperature for dark matter searches 7180
Spooner, N.J.C., Smith, P.F. The UVIS scintillation detector. A proposed method of nuclear recoil discrimination for dark matter searches 7167
Spooner, N.J.C. *see* Davies, G.J. 31740
Spooner, T. *see* Rose, J.H. 34836
Spooren, R., Dyrseth, A.A., Vaz, M. Electronic shear interferometry: application of a (double-) pulsed laser 3906
Sporckmann, B. Comparison of emissions from combustion-engined and European electric vehicles 48187
Sporer, T., Brandenburg, K., Edler, B. The use of multirate filter banks for coding of high quality digital audio 13102
Sporkmann, T. *see* Becks, T. 42230
Sporkmann, T. *see* Kulke, R. 27138
Sporleder, F., Rosenau, W. Fiber in the loop — plans and experiences in Europe 30842
Sporrer, C., Bauer, H. Corolla partitioning for distributed logic simulation of VLSI-circuits 41577
Sporrer, C. *see* Bauer, H. 26629
Sporushev, E.V. *see* Torchigin, V.P. 11746
Spowart, A.R. *see* Spector, G.B. 24122
Spracklen, C.T., Hodson, K., Heron, R. The simulation of advanced network protocols for wide area diversity Ka-band VSATs 5856
Spracklen, C.T., Hodson, K., Heron, R. The application of wide area diversity techniques to Ka band VSATs 22924
Spracklen, C.T. *see* Fairhurst, G. 14261
Spracklen, T. *see* Whittington, G. 30867
Spracklen, T. *see* Whittington, G. 30887
Sprague, D.R. Predicting solder joint reliability 42305
Sprague, T.R. Merging digital technology into an analog world 46261
Sprangle, P. *see* Krall, J. 6896
Sprangle, P. *see* Seo, Y. 6951
Spratt, D. *see* Virkus, R. 41852
Sprave, H. *see* Hossfeld, J. 3920
Sprenkle, V. *see* Carter, J.D. 17344
Sprey, M.A., Bird, T.S., Barker, S.J. Performance of a prototype multibeam antenna capable of accessing satellites on inclined orbits 29313
Spriegel, D. *see* Healy, P. 40996
Spring, J., Tucker, R.S. Packet header replacement for photonic packet switched networks 38053
Spring, M.B. The virtual library: explorations in information spaces 5505
Springer, D. Control EMI and RFI 36256
Springer, G.S. *see* Ki-Soo Kim 15054
Springer, G.S. *see* Ki-Soo Kim 15055
Springer, T.E., Wilson, M.S., Gottesfeld, S. Modeling and experimental diagnostics in polymer electrolyte fuel cells 25663
Springholz, G., Bauer, G. Strain relaxation by coherent three-dimensional islanding in molecular-beam epitaxy of EuTe on PbTe(111) 9655
Springholz, G., Ihninger, G., Bauer, G., Olver, M.M., Pastalan, J.Z., Romaine, S., Goldberg, B.B. Modulation doping and observation of the integral quantum hall effect in $PbTe/Pb_{1-x}Eu_xTe$ multiquantum wells 10689
Springholz, G., Shu Yuan, Bauer, G., Kriechbaum, M., Krenn, H. EuTe/PbTe superlattices: MBE growth and optical characterization 9666
Springholz, G. *see* Frank, N. 41253
Springholz, G. *see* Shu Yuan 42494
Springmeier, F. *see* Hoffmann, F. 40171
Springob, L. *see* Holtz, J. 8509
Springthorpe, A. *see* Puetz, N. 14663
SpringThorpe, A.J. *see* Cada, M. 5969
SpringThorpe, A.J. *see* Cada, M. 38111
Springthorpe, A.J. *see* Janz, S. 11635
SpringThorpe, A.J. *see* Moore, W.T. 42881
SpringThorpe, A.J. *see* Ojha, J.J. 43685
Sprinkle, J.K. *see* Halbig, J.K. 38913
Sprinkle, J.K., Jr., Halbig, J.K., Klosterbuer, S.F., Russo, P.A., Smith, S.E. A miniature modular MCA for gamma-ray spectroscopy 38914
Sprinzak, J., Werman, M. Affine point matching 45178
Sproston, J.L. *see* El Wahed, A.K. 6851
Sproule, G.I. *see* van der Zwan, M.L.W. 27665
Spruijt, C.P. *see* Labrujere, A.C. 6065
Spruit, F.P.M., Steerneman, M.W. Evaluation of heat/power with a gas-engine in a brickworks 9060
Spruth, H., Johannes, F.M. Architectures for parallel slicing enumeration in VLSI layout 987
Spur, P. *see* Benda, V. 2496
Spur, P. *see* Benda, V. 2507
Spur, P. *see* Benda, V. 11190
Spurdens, P.C. *see* Perrin, S.D. 41288
Spurdens, P.C. *see* Seltzer, C.P. 35772
Spurgeon, D. *see* Beamish, F.J.C. 9183
Spurgin, A.J., Moieni, P., Spurgin, J.P. Some applications of full scope plant simulators 39796
Spurgin, A.J. *see* Moieni, P. 39795
Spurgin, A.J. *see* Moieni, P. 47659
Spurgin, A.J. *see* Moieni, P. 47660
Spurgin, J.P. *see* Moieni, P. 39795
Spurgin, J.P. *see* Spurgin, A.J. 39796
Spycher, E. *see* Enzensberger, G. 8951
Spyrellis, N. *see* Loizos, Z. 791
Squarcia, A. *see* Adam, W. 7259
Squarcia, S. *see* Adam, W. 31715
Squarcia, S. *see* Adam, W. 46929
Squier, G.T.A. *see* Davies, G.J. 31740
Squier, J., Mourou, G. Hybrid chirped pulse amplification systems: development of high-peak power and high-average power systems 20700
Squier, J. *see* Ringling, J. 12387
Squier, J. *see* Rudd, J.V. 12086
Squillace, M., Palitto, M., Care, I., Gini, A., Mattolini, G.P., Saviano, F. Computer simulation of regenerative air preheater systems for MHD applications 25814
Squillante, M. *see* Gordon, J.S. 15099
Squillante, M.R., Zhou, C., Zhang, J., Moy, L.P., Shah, K.S. InI nuclear radiation detectors 7188
Squire, H. Duelling algorithms. II 46176
Squire, L.C. *see* Yeung, C.P. 23937
Squire, P.T. Magnetomechanical measurements of magnetically soft amorphous materials 31390
Squirrell, B. Profibus: a working standard fieldbus 45548
Srajber, D. How to find the best solution for power converters and for the new principle of operation 17058
Srajber, D. IGBT with homogeneous structure used for high power converter designs. Example: 500 kVA three phase inverter 32928
Srajber, D. *see* Connolly, A. 47982
Srajber, D. *see* Connolly, A. 47995
Srbljic, S. Modification of cache coherence protocols for the distributed environment 13904
Srbljic, S. An asynchronous ownership control algorithm for Berkeley protocol 37121
Srbljic, S. *see* Sruk, V. 37122
Srdanov, V.I. *see* Saricifici, N.S. 20513
Sredniawski, J. *see* Debiak, T.W. 38834
Sredniawski, J. *see* Smith, H.V., Jr. 38827
Sreedharan, V.P. *see* Nikolopoulos, P.V. 33532
Sreekanth, U. *see* Narayanan, S. 17820
Sreekumar, A.N. *see* Rajaram, R. 16623
Sreekumar, P. *see* Thompson, D.J. 7145
Sreenivas, K., Reaney, I., Maeder, T., Setter, N., Jagadish, C., Elliman, R.G. Investigation of Pt/Ti bilayer metallization on silicon for ferroelectric thin film integration 19673
Sreenivas, T.V. *see* Prabhavathy, A.S. 4780
Sreenivasa Rao, D., Kurdahi, F.J. Hierarchical design space exploration for a class of digital systems 33837
Sreenivasaiah, K.V. *see* Marar, T.M.K. 47018

Sreepathi Rao, S., Satyanarayana Rao, K.V., Shareefuddin, Md., Subba Rao, U.V., Chandra, S. Ionic conductivity and battery characteristic studies on PEO+$AgNO_3$ polymer electrolyte 48047
Sreerama, K.R., Ramanujam, R., Khincha, H.P., Jenkins, L. Fast transient stability simulation of large scale power systems 32261
Srern, F. *see* Zaslavsky, A. 43028
Sreseli, O.M. *see* Belyakov, L.V. 30759
Sri Hari, B. *see* Siva Prasad, N. 33567
Sri Lakshmi, K. *see* Chandra Mouly, M.C. 47111
Sri Ram, K. *see* Munshi, P. 33795
Sridevan, S. *see* Jayan, V. 27762
Sridhar, B., Bastien, S.P., Sunak, H.R.D. Temporal modeling of erbium doped fiber amplifiers 3507
Sridhar, B., Bastien, S.P., Sunak, H.R.D. Erbium doped fiber power amplifiers with pump reflecting mirrors in the 800 nm band 3515
Sridhar, B., Phatak, A., Chatterji, G. Texture-based segmentation of natural images using neural networks 22273
Sridhar, B., Phatak, A., Chatterji, G.B. Scene segmentation of natural images using texture features and back-propagation 13822
Sridhar, B., Smith, P., Suorsa, R., Hussien, B. Multirate and event driven Kalman filters for helicopter passive ranging 22067
Sridhar, B., Suorsa, R.E. Computer architectures for a real-time passive ranging algorithm 39276
Sridhar, B. *see* Chatterji, G.B. 24429
Sridhar, B. *see* Hussien, B. 4993
Sridhar, B. *see* Karmarkar, J.S. 22226
Sridhar, B. *see* Suorsa, R.E. 24425
Sridhar, C. *see* Thomas, T. 29536
Sridhar, K. *see* Kurada, S. 44184
Sridhar, M. *see* Nosratinia, A. 18931
Sridhar, M.A. *see* Singh, S. 30490
Sridhar, M.K. *see* Soman, S.A. 7804
Sridhar, R. Asynchronous design techniques 18685
Sridhar, R. *see* Shin, Y.-C. 22171
Sridhar, S., Kudrolli, A. Experiments on not "hearing the shape" of drums 44529
Sridhar, V.R., Choudhary, K.S., Thirugnanamoorthy, D., Leela, K., Chowdhary, D.M. Advanced operator information system for MAPS-2 16505
Sridharan, R. *see* Kumar, G. 8736
Sridharan, S., Goldburg, B., Dawson, E. Speech cryptanalysis 13024
Sridharan, S. *see* Dawson, M.I. 4565
Sridharan, S. *see* Goldburg, B. 12882
Sriharan, S., Tan, L.H., Ting, H.M. Reduced transient model of a group of induction motors 32860
Srihari, K. *see* Alexander, M. 10556
Srihari, K. *see* Alexander, M. 34330
Srihari, K. *see* Su, Y.Y. 1732
Srihari, S.N. *see* Shin, Y.-C. 22171
Srihari Rao, R. *see* Narasimhan, M.S. 36417
Srikanth, K., Ashok, S. Electrical transport across oxygen-doped-silicon buried layers by substoichiometric oxygen ion implantation in silicon 10711
Srikanth, K. *see* Kar, S. 10781
Srikrishna, K., Moinpour, M., Landau, B. Polysilicon/silicon interfaces: effect of processing parameters on physical and electrical properties 11292
Srikumar, S.R. *see* Sanjeeviraja, C. 26473
Srini, V.P. Defense Net: technical challenges in command control, communication, computer, and software (C4S) 24565
Srinivas, D., Foster, R., Marcus, S., Arora, R., Rebenne, H. Nucleation of tungsten on titanium nitride with hydrogen reduction of tungsten hexafluoride 41486
Srinivas, D. *see* Arora, R. 799
Srinivas, G. *see* Venkata Ramana, P. 15638
Srinivas, K. *see* Qiang Lin 14164
Srinivas, K.R., Reddy, V.U. Finite data performance of MUSIC and minimum norm methods 36645
Srinivas, M.B., Ramu, T.S. Multistress aging of epoxy-mica insulation system 40081
Srinivas, M.K. *see* Sureshkumar, P.R. 41835
Srinivas, N., Fenech, P.F. Infrared inspection of electrical equipment 32820
Srinivas, R.A., Rosen, A., Heller, A. Tungsten films on Si/SiO_2 made from spun polyoxometalates and their application in the electroless deposition of metals 9675
Srinivas, S., Shanmugan, K.S. Markov models for burst errors in radio communications channels 12599
Srinivas, T.A.S., Timans, P.J., Butcher, R.J., Ahmed, H. Thermal and infrared performance of a free-standing microthermocouple 31222
Srinivas Vishnu, P. The RISCy trend in computer architecture and the GaAs factor 18745
Srinivasa, R.S. *see* Sawant, N.M. 34598
Srinivasa Rao, K. *see* Nawghare, P.M. 47084
Srinivasan, A., Batur, C. Fault detection and isolation in an unsupervised learning environment 33442
Srinivasan, A., Sadra, K., Campbell, J.C., Streetman, B.G. Influence of growth temperatures on the photoresponse of low temperature grown GaAs:As p-i-n diodes 38489
Srinivasan, A. *see* Sadra, K. 43636
Srinivasan, B. *see* Graetsch, U.M. 13998
Srinivasan, B. *see* Zhao, W. 14239
Srinivasan, C. *see* Egel, T. 10349
Srinivasan, D., Liew, A.C., Chang, C.S. Integrated security constrained generation scheduling in an interconnected system using an AI approach 24739
Srinivasan, D., Liew, A.C., Chang, C.S. Integrated security constrained generation scheduling in an interconnected system using AI approach 24808
Srinivasan, D., Liew, A.C., Chang, C.S. A neural network short-term load forecaster 39561
Srinivasan, D., Liew, A.C., Chang, C.S., Chen, J.S.P. Intelligent operation of distribution network 39591
Srinivasan, G. *see* Vijaya Kumar, B.V.K. 30104
Srinivasan, K. *see* Siva Sankara Sai, S. 31266
Srinivasan, K.V. *see* Deva Raju, K.V.M. 38417
Srinivasan, N. *see* Paul, K.M. 6181
Srinivasan, N.S., Xiao, X.G., Seetharaman, S. Radiation effects in high-temperature thermal diffusion measurements using the laser-flash method 38732
Srinivasan, R. Performance analysis of Indian telephone industries limited during the period of 1983-89 22721
Srinivasan, R., Balachandra, P. Micro-level energy planning in India—a case study of Bangalore North taluk 8043
Srinivasan, R., Hall, R.R., Allbee, D.C. Generation of electrically conducting features in polyimide (Kapton) films with continuous wave, ultraviolet laser radiation 19622
Srinivasan, R. *see* Murphy-Boesch, J. 39008
Srinivasan, R. *see* Nunez, P.L. 39040
Srinivasan, S. *see* Anani, A. 32997
Srinivasan, S. *see* Krishnan, R. 17002
Srinivasan, S. *see* Sampathkumar, T.S. 11520
Srinivasan, T. *see* Jain, V.K. 3365
Srinivasan, T. *see* Paxton, A.H. 44010
Srinivasan, V.S., Jafari, M.A. Fault detection/monitoring using time Petri nets 17958
Srinivasan, V.V., Venkatesh, V., Lakshmeesha, V.K., Pal, S. Synthesis and realisation of a shaped beam ($\sec^2\theta\sqrt{(\sin(\theta))}$ for airborne microwave remote sensing 29368
Srinivasan-Rao, T., Fischer, J., Tsang, T. Role of optical field in photoemission from copper 38814
Srinivasan-Rao, T. *see* Fischer, J. 34470
Sriram, M., Kang, S.M. Detailed layer assignment for MCM routing 27393
Sriram, M. *see* Cho, J.D. 19201
Sriram, M. *see* Cho, J.D. 33828
Sriram, P. *see* Marcellin, M.W. 21966
Srivastav, A., Stangier, P. Integer multicommodity flows with reduced demands 33485
Srivastav, S.K., Gupta, M.K., Bharadwaj, K.L. Computerised calibration system for radiosonde pressure sensors 39372
Srivastav, S.K. *see* Singh, R.P. 39394
Srivastava, A. *see* Hensley, R. 10180
Srivastava, A. *see* Joshi, A. 25450
Srivastava, A. *see* Mathur, P. 23076
Srivastava, A. *see* Pandya, T.P. 12262
Srivastava, A.K., Arora, B.M., Banerjee, S. Interdiffusion and relaxation in metalorganic vapor phase epitaxy grown InGaAs/GaAs strained layer quantum wells 41300
Srivastava, A.K., Purandare, S.C., Karulkar, V.T., Arora, B.M. Gain mechanism in GaAs metal-semiconductor-metal photodetectors 23643
Srivastava, A.K. *see* Arora, B.M. 23644
Srivastava, A.K. *see* Banerjee, S. 20906
Srivastava, A.K. *see* Banerjee, S. 20917
Srivastava, A.K. *see* Subramanian, S. 19407
Srivastava, A.N. *see* Goodrich, L.F. 23837
Srivastava, A.P. *see* Khare, P.K. 43212
Srivastava, K.D. *see* Theophilus, G.D. 35133
Srivastava, K.D. *see* Vandermaar, A.J. 43163
Srivastava, K.K. *see* Tong, H.-M. 17919
Srivastava, K.N., Srivastava, S.C., Kalra, P.K. Prediction of voltage collapse in an integrated AC-DC network using the singular-value decomposition concept 24670
Srivastava, K.N. *see* Srivastava, S.C. 47335
Srivastava, M.B. *see* Chandrakasan, A.P. 41947
Srivastava, N. *see* Prasad, G. 25682
Srivastava, P.C., Colluza, C., Chandra, S., Singh, U.P. Al/n-Si diodes with low energy (~100 eV) hydrogen ion implantation prior to metallization 28080
Srivastava, R.S. *see* Prasad, I. 34988
Srivastava, S.C., Srivastava, K.N., Murty, G.N. Transient residual voltage analysis during isolated operation of a group of induction motor loads 47335
Srivastava, S.C. *see* Chaudhary, S.D. 32357
Srivastava, S.C. *see* Kalra, P.K. 24811
Srivastava, S.C. *see* Singh, S.N. 32198
Srivastava, S.C. *see* Srivastava, K.N. 24670
Srivastava, S.K. *see* Dwivedi, P.K. 11822
Srivastava, S.K. *see* Nayak, M.S. 46533
Srivastava, S.K. *see* Sharma, A.K. 40469
Srivastava, S.P., Verma, V.K., Singh, B. Performance analysis of load commutated inverter-fed synchronous motor drive 25881
Srivastava, U.K. *see* Sundara Raman, N. 5813
Srivastava, U.K. *see* Sundara Raman, N. 37883
Srivastava, U.K. *see* Sundara Raman, N. 45875
Srivastava, V. *see* Kumar, L. 30908
Srivastava, V.C. *see* Thompson, M.R. 43370
Sriyananda, H. *see* Silva, A.R.D.S. 136
Sroka, K. *see* Zaporowski, B. 25313
Sroubek, Z. *see* Walachova, J. 42458
Sruk, V., Srbljic, S. Comparison of data replication coherence protocols for distributed systems 37122
Srybnik, M.V. *see* Kosolap, D.N. 20957
Ssakharov, S.A., Larionov, I.M., Medvedev, A.V. Application of langasite crystals in monolithic filters operating in shear modes 20099
St-Hilaire, P., Benton, S.A., Lucente, M., Sutter, J.D., Plesniak, W.J. Advances in holographic video 29053
St-Jean, M. *see* Vaillancourt, G.H. 47605
Staab, J. *see* Narathong, C. 18945
Staal, P.van der *see* van der Staal, P.
Stabinis, A. *see* Danielius, R. 20985
Stabinis, A. *see* Smilgevicius, V. 35993
Stabler, K. The education of power station personnel—the cornerstone of safer, economic and environmentally friendly power station operation 47613
Stabulnieks, J. *see* Ribickis, L. 17079
Stabulnieks, Y., Shinka, Y. Estimation of energetic factors in power electronics supply systems 17077
Stace, C., Proudley, G.M. Fabrication of compact and precise fibre arrays 43385
Stace, C. *see* Proudley, G.M. 43437
Stace, C. *see* Walker, A.C. 11904
Stacey, E.J. *see* Smith, R.K. 25044
Stacey, R., Weight, J.P. New developments in the finite difference modelling of pulse-echo scattering 9816
Stacey, R.J., Hanrahan, H.E. Near-end crosstalk modelling in the digital subscriber loop 14323
Stacey, W. *see* Gingras, R.L. 23177
Stach, J., Shaw, S. Robust relational trees by scale-space filtering 13328
Stachowitz, R., Schubert, M., Fuhs, W. Frequency-resolved spectroscopy and its application to lifetime studies in a-Si:H 34543
Stacom, F.P. *see* Ibrahim, M.A. 47935
Stacy, G. *see* Schonfelder, V. 7146
Stade, D., Grunler, R., Schau, H. Reducing the power quality impacts caused by adjustable speed drives 40674
Stadelmaier, H.H. Intermetallics for permanent magnets 43284
Stadermann, H.K.E. *see* Densing, R. 20948
Stadler, R.W., Rabinowitz, W.M. On the potential of fixed arrays for hearing aids 7480
Stadnik, B. Spectral method of measurement of birefringent optical fibers 2985
Stadnik, B. Bulk crystal and optical-fibre depolarizers of optical radiation 43387
Stadnik, P.E. *see* Malikov, V.Ya. 2865
Stadterman, T.J. *see* Cushing, M.J. 41018
Staehle, S.S., Tellshow, R., Singh, R.K., Adair, J.H., Liz, E.B., Eisenstadt, W.R. Novel patterned deposition of diamond thin films via a colloidal process 18282
Staehli, J.L. *see* Butty, J. 12124
Staehli, J.L. *see* Houdre, R. 33640
Staelin, D.H. *see* Fieguth, P.W. 38711
Staepelaere, D., Jue, J., Dayan, T., Dai, W.W.-M. SURF: rubber-band routing system for multichip modules 33827
Staerk, H. *see* Wiessner, A. 23730
Stafeev, V.I. *see* Vorobjev, L.E. 12246
Stafeyev, A.V. *see* Fomin, A.F. 36482
Staffa, E., Subramaniam, R. Evolution of Inmarsat systems and applications - the land mobile experience 37742
Staffel, B., Waltenspiel, R., Solzbach, U. Comparing wall motion quantification methods by numerical classification 15804
Staffelbach, O. *see* Meier, W. 9419
Staffin, R. *see* Matsushima, I. 3427
Stafford, A. *see* Pemble, M.E. 26436
Stafford, D.L. *see* Reeves, D.B. 99
Stafford, J.W. *see* Becher, C. 384
Stafford, J.W. *see* Chao-Pin Yeh 42292
Stafsudd, O.M. *see* Bowler, D.P. 20937
Stafsudd, O.M. *see* Dai, H. 20739
Stafsudd, O.M. *see* Dai, H. 28745
Stagaman, G.J. *see* Johnson, J.R. 11014
Stageman, G.I. *see* Dumais, P. 12384
Stager, C.W. *see* White, T.R. 19664
Stager, S. *see* Pavolka, R. 30438
Stagg, B. *see* Peace, M. 13934
Stagg, G.W., Adibi, M., Laughton, M., Van Ness, J.E., Wood, A.J. Thirty years of power industry computer applications 47419
Stagg, J.P. *see* Gibbon, M. 35489
Stagg, J.P. *see* Thrush, E.J. 9630
Stagni, L. *see* Alietti, M. 31671
Stahelin, M. *see* Samoc, A. 12355
Stahl, B. Interactive video networks: experiences, issues and challenges 14810
Stahl, B. Will camcorders replace PCs?: the impact of interactive video on data networks 38343
Stahl, D.O. Evolution of smart$_n$ players 484
Stahl, H.P. *see* Fagg, A.H. 6825
Stahl, J. *see* ten Hagen, K. 41553

Stahl, J. *see* ten Hagen, K. 41596
Stahl, K. Bioflow combined cycle with pressurized biomass gasification for power production 40030
Stahl, K. *see* Hult, M. 27578
Stahl, M. *see* Elixmann, M. 33316
Stahl, W., Voss, K., Goetzberger, A. The self-sufficient solar house in Freiburg 25943
Stahl, W.G. *see* Eberhardt, W.H. 32673
Stahlbush, R.E., Hughes, H.L., Krull, W.A. Reduction of charge trappings and electron tunneling in SIMOX by supplemental implantation of oxygen 34687
Stahlbush, R.E. *see* Saks, N.S. 34978
Stahle, C. *see* McCammon, D. 19924
Stahle, C.K., Kelley, R.L., Moseley, S.H., Szymkowiak, A.E., Juda, M., McCammon, D., Zhang, J. Thermalization of X-rays in evaporated tin and bismuth films used as the absorbing materials in X-ray calorimeters 24129
Stahle, C.K., Wouters, J., Kelley, R.L., Moseley, S.H., Szymkowiak, A.E. A silicon composite thermal and ionization X-ray detector 24036
Stahle, C.K. *see* Szymkowiak, A.E. 24130
Stahler, J. *see* Erdal, A. 18559
Stahli, H. *see* Hubler, J. 8120
Stahlkopf, K.E. *see* Hingorani, N.G. 17126
Stahlman, J.R. *see* Davis, D.J. 6045
Staiano, A. *see* O'Shaughnessy, K. 47008
Staiano, G. *see* D'Avanzo, B. 38900
Staib, L.H. *see* Worring, M. 37031
Staikov, P., Baum, D., Lin, J.Y., Jiang, H.X. Evidence for bistable defects in 6H-SiC 34553
Stainov, R. *see* Heinrichs, B. 13920
Stajer, D., Gorup, S., Gorup, Z., Rode, P. A signal analysing system for high resolution electrocardiography 7438
Stajner, K. *see* Ljubicic, B. 39945
Staker, K. *see* Busselman, B. 10929
Stakhiv, P.G., Yavors'ka, M.I. Acceleration of the calculation of static modes of transistor circuits in multivariate analysis 18457
Stalder, F. *see* Cavalli, U. 33120
Stalder, M., Ehbets, P. Electrically switchable holograms for image processing using liquid crystals 12485
Stalder, M., Ehbets, P. Electrically switchable diffractive optical element for image processing 21126
Stalder, M. *see* Cavalli, U. 33120
Stalen, M.J.N.van *see* van Stalen, M.J.N.
Staley, R. *see* Eisenhandler, E. 15665
Staley, R. *see* Ellis, N. 38927
Staley, T.W. *see* Bernussi, A.A. 42501
Staley, T.W. *see* Cotta, M.A. 9595
Staliunas, K., Tarroja, M.F.H., Weiss, C.O. Transverse mode locking, antilocking and self-induced dynamics of class-B lasers 3411
Stalker, K.T. *see* Yee, M. 30108
Stall, R.A. *see* Gurary, A.I. 9540
Stall, R.A. *see* Tompa, G.S. 41478
Stall, T. Prototyping ASICs at the board level 41811
Stallard, G.S., Jonas, T.S. On-line advisory systems reduce costs, improve performance, and provide environmental compliance support 16657
Stallard, G.S., Pavlish, J.H., Gellerstedt, B.D. The coal quality expert: designing for maximum flexibility 8160
Stallard, G.S. *see* Jones, A.R. 39943
Stallard, S. *see* Salvaderi, L. 39931
Staller, C. *see* Krabach, T.N. 23630
Stallings, W. Understanding OSI network management 14010
Stallings, W. SHA: the Secure Hash Algorithm 44673
Stallmann, D. *see* Gruen, A. 23700
Stallmann, M.F.M., Hughes, T.A. Fast algorithms for one-dimensional compaction with jog insertion 33820
Stalnaker, S. *see* Luehrmann, P. 2271
Stalnaker, S. *see* Luehrmann, P. 42798
Stals, L. *see* De Schepper, L. 26168
Stals, L. *see* Stulens, H. 34815
Stals, L.M. *see* Nesladek, M. 43611
Stam, E. *see* O'Riordan, C. 24889
Stam, M. *see* Milnes, A.G. 19435
Stam, M. *see* Polyakov, A.Y. 9533
Stamatelos, G., Hayes, J.F. Blocking in tandem ISDN links 5607
Stamatelos, G.M. *see* Falconer, D.D. 37841
Stambler, I. Syngas repowering breathes new life into old steam plants 16692
Stambler, I. Utilities sold on advantages of gas turbine repowering 16693
Stambler, I. Second generation PFBC coal plants target 50% HHV efficiency 39898
Stambler, I. Low-cost power boosts for old and new gas turbines 47767
Stambolova, I.D. *see* Racheva, T.M. 31194
Stamenkovic, Z., Dimitrijev, S., Stojadinovic, N. Integrated circuit production yield assurance based on yield analysis 9321
Stamer, P. *see* Abe, K. 7260
Stamer, P. *see* Abe, K. 15619
Stamer, P. *see* Abe, K. 46930
Stamkopoulos, T., Strintzis, M., Pappas, C., Maglaveras, N. One-lead ischemia detection using a new backpropagation algorithm and the European ST-T database 24311
Stammbach, T. *see* Schryber, U. 6907
Stammler, W. *see* Kleinhempel, W. 23206
Stammler, W. *see* Elterich, A. 18542
Stammnitz, P., Bottcher, K., Gruneberg, K., Hofker, U., Klein, H. Hardware codec for digital HDTV recording 38286
Stammnitz, P., Thomeczek, M., Schumm, A., Seidinger, F. Data reduction codec for HDTV magnetic tape recording. Digital microprocessor control with special operating system 46213
Stammnitz, P. *see* De Lameillieure, J. 14803
Stammnitz, P. *see* Gruneberg, K. 30985
Stammnitz, P. *see* Hofker, U. 34091
Stamon, G. *see* Andriamampianina, L. 22015
Stamon, G. *see* Teissier, L. 23163
Stamoulis, G.I. *see* Li, P.-C. 28281
Stamp, M., Martin, C.F. An algorithm for the k-error linear complexity of binary sequences with period 2^n 21616
Stamp, P. *see* Gisin, N. 43462
Stamper, A.K. *see* Strong, A.W. 35083
Stampfer, D. *see* Fruhwirth, R. 24080
Stampfer, M. *see* Grieser, M. 6900
Stampfer, M. *see* Grieser, M. 15303
Stampfer, M. *see* Kleffner, C.-M. 15524
Stampfer, M. *see* von Hahn, R. 15518
Stampfler, R. *see* Gallant, J.-F. 24243
Stan, M., Burleson, W. Analog VLSI for robot path planning 27102
Stan, M.W. *see* Wirzbicki, M.A. 19681
Stanaway, M.B., Millidge, S., Leong, W.Y., Robbins, D.J., Kane, M.J. $Si_{1-x}Ge_x/Si$ multiquantum well IR detectors grown by low pressure vapour phase epitaxy 46439
Stanbro, W.D., Rodriguez, C.A., Olinger, C.T., Cremers, T.L. Evaluation of three new technologies for international safeguards 31045
Stancampiano, C.V. *see* McColgin, W.C. 2685
Stanchina, W.E., Metzger, R.A., Jensen, J.F., Hafizi, M., Rensch, D.B. Fabrication, performance, and reliability of InP-based HBTs 19799
Stanchina, W.E. *see* Hafizi, H. 27206
Stanchina, W.E. *see* Hafizi, M. 34917
Stanchina, W.E. *see* Metzger, R.A. 2458
Stanchina, W.E. *see* Metzger, R.A. 2470
Stancil, D. *see* Ross, W.E. 28533
Stanciu, V. *see* Voicu, A. 32854
Stanco, L. *see* Gasparini, F. 46980
Standifird, J.D. *see* Sinor, T.W. 7309
Standler, R.B. Neutral-earth surge voltages on low-voltage AC mains 47572
Standstrom, M., Hansson Mild, K., Stenberg, B., Wall, S. A survey of electric and magnetic fields among VDT operators in offices 15931
Stanek, E.K. *see* Bohmann, L.J. 47499
Stanek, R. *see* Clark, E. 24010
Stanev, T.S. *see* Beaman, J. 15641
Stanford, J., Lentz, V.A. Concurrent engineering: field implementation at the Federal Systems Company 40893
Stangar, U.L., Orel, B., Grabec, I., Ogorevc, B., Kalcher, K. Optical and electrochemical properties of CeO_2 and CeO_2-TiO_2 coatings 17389
Stangel, J.J. *see* Knox, M.E. 6135
Stanghvi, N.T., Foster, R.S., Fry, F.J., Bihrle, R., Hennige, C., Hennige, L.V. Ultrasound intracavity system for imaging, therapy planning and treatment of focal disease 15713
Stangier, P. *see* Srivastav, A. 33485
Stangl, G. *see* Fallmann, W. 11097
Stangl, G. *see* Rangelow, I.W. 28038
Stanhill, D., Zeevi, Y.Y. Finding the optimal wavelet functions for image representation 36841
Staniec, T. Overview of ATM technology: asynchronous transfer mode (ATM) 14264
Staniewicz, R.J., Romero, A., Broussely, M., Bodet, J.M., Labat, J. Rechargeable Li/V_2O_5 D cell development 17246
Staniewicz, R.J., Romero, A., Broussely, M., Perton, F., Labat, J. Behavior of lithiated cobalt and nickel oxides in lithium rechargeable cells 17250
Staniewicz, R.J. *see* Bolster, M.E. 17170
Staniewicz, R.J. *see* Briscoe, J.D. 17211
Stanik, T.D. *see* Ng, K.K. 11207
Stanik, T.D. *see* Weston, H.T. 28283
Stanis, C. *see* Crabbe, E. 19072
Stanis, C. *see* Hu, C.-K. 2252
Stanis, C. *see* Hu, C.-K. 34822
Stanis, C. *see* Zaslavsky, A. 43028
Stanis, C.L. *see* Smart, C.J. 41470
Stanke, F. *see* Prange, M.D. 16071
Stankevich, A.I. *see* Bolyukh, V.F. 25371
Stankevich, I.V. *see* Epifanov, V.M. 25224
Stankiewics, J. *see* Pohl, Z. 47550
Stankovic, D., Bojic, S., Blazicko, M. Estimation of remaining generator lifetime 25381
Stankovic, J.A. *see* Sivasankaran, R.M. 5619
Stankovic, L. A method for time-frequency analysis 36771
Stankowski, J., Czyzak, B. Tester for granular superconductors 2880
Stanley, B.J., Marshall, D.B. Pressure-jump relaxation apparatus using bipolar-pulse conductivity detection 31385
Stanley, C.R. *see* Goodwill, D.J. 35490
Stanley, C.R. *see* Ryvkin, B.S. 43512
Stanley, D.O. *see* Unal, R. 7563
Stanley, R., Tang, D., Tatlock, T., Robertson, R., Garrison, J. Evaluating pay-telephone service on coastal ferries 37767
Stanley, R.B. *see* Pascoo, M. 9044
Stanley, R.P., Houdre, R., Oersterle, U., Ilegems, M., Weisbuch, C. Impurity modes in one-dimensional periodic systems: the transition from photonic band gaps to microcavities 12121
Stanley, R.P. *see* Billey, S.C. 9406
Stanley, T. *see* Upton, M. 27003
Stannarius, R. *see* Schmiedel, H. 6689
Stannarius, R. *see* Schmiedel, H. 20408
Stano, A. *see* Campi, D. 23056
Stano, A. *see* Campi, D. 35494
Stano, A. *see* Herzog, W. 7325
Stano, A. *see* Morasca, S. 11627
Stanovnik, A. *see* Cindro, V. 27399
Stanovnik, A. *see* Staric, M. 46905
Stans, R. *see* Bouwman, F. 2626
Stansberry, C.J., Jr. *see* Jackson, T.M. 39914
Stansfield, E.V. *see* Huang, F. 22690
Stanton, D. *see* Joichi, J. 489
Stanton, J.M. *see* Hunt, J.H. 3451
Stanton, N. Maximising reliability at the human−control-system interface [nuclear safety] 8050
Stanton, P.H. *see* Chen, J.C. 21424
Stanwood, K., Bourdon, A. The PRISM 2.2 real time signal processing system 31143
Stanyukova, I.V. On the convergence of the penalty function method for a class of convex optimization problems in a Hilbert space 41116
Stanzel, R., von Schickfus, M. Surface acoustic waves as high-frequency sound transducers in gases 39421
Stanzione, C. *see* Esposito, A. 4496
Stanzl, H. *see* Wagner, H.-P. 36009
Staples, E. *see* Watson, G. 15103
Staples, E.J. *see* Watson, G.W. 6671
Staples, J. *see* Ferguson, R. 26942
Staples, J. *see* Kim, K.-J. 43996
Staples, J.W. Upgrades to the LBL lattice program 46773
Stapleton, L. Industrial design and product development 40896
Stapleton, M. *see* Boch, E. 38191
Stapleton, S.P. *see* Le Dinh Quach 22848
Stapnes, S. *see* Ambrosini, G. 38898
Stapnes, S. *see* Borer, K. 7221
Stapor, W.J. *see* Brown, A.O. 35077
Stapor, W.J. *see* Dussault, H. 34901
Stapor, W.J. *see* Hines, J.H. 11420
Stapper, C.H. Improved yield models for fault-tolerant memory chips 18705
Stapper, C.H., Fifield, J.A., Kalter, H.L., Klaasen, W.A. High-reliability fault-tolerant 16-MBit memory chip 41903
Staraj, R. *see* Damiano, J.P. 29331
Starasinic, S., Trontelj, J. Noise behavior of SC circuits 1012
Starbuck, E. Biological model for technology transfer in university-industry-government partnerships 188
Starbuck, E. *see* Evans, D.F. 187
Starck, A. *see* Eul, H.J. 22909
Starck, B. *see* Govaert, K. 31556
Starck, C. *see* Langanay, J. 35835
Starck, C. *see* Ponchet, A. 9642
Starck, J.-L., Bijaoui, A. Filtering and deconvolution by the wavelet transform 45045
Starck, S.-A., Carlsson, S. A phantom for the measurement of transfer functions in nuclear medicine image processing 24183
Stare, E. Present status and future plans of the HD-Divine project 31026
Stareev, G., Kunzel, H., Dortmann, G. A controllable mechanism of forming extremely low-resistance nonalloyed ohmic contacts to group III-V compound semiconductors 27565
Starheim, G.J. *see* Pless, D.E. 40025
Staric, M., Cindro, V., Korpar, S., Krizan, P., Stanovnik, A. Measurement of Cherenkov angles with a CsI photocathode in a multiwire chamber 46905
Staric, M. *see* Cindro, V. 27399
Starikov, A.D. *see* Resunkov, Yu.A. 35960
Starikov, E. *see* Gruzinskis, V. 19024
Starikov, E. *see* Gruzinskis, V. 19025
Starikov, E. *see* Gruzinskis, V. 42827
Starikov, E. *see* Mitin, V. 27245
Staring, A.A.M., Binsma, J.J.M., Kuindersma, P.I., Jansen, E.J., Thijs, P.J.A., Van Dongen, T., Depovere, G.F.G. Wavelength-independent output power from an injection-tunable DBR laser 43926
Staring, A.A.M. *see* Liefrink, F. 19362
Staring, E.G.J. *see* Sharma, P.K. 3495
Starink, J.P.P., Young, I.T. Localization of circular objects 5103
Stark, D. *see* Fowler, B. 19671
Stark, D. *see* Jouppi, N.P. 26965
Stark, D. *see* Jouppi, N.P. 27001
Stark, E.F., Laube, S.J.P. Self-directed control of pulsed laser deposition 26489
Stark, E.F. *see* Laube, S.J.P. 18290
Stark, J.P. *see* Jawarani, D. 19648
Stark, L. *see* Bowyer, K.W. 4919
Stark, M. Impacts of object-oriented technologies: seven years of software engineering 7567
Stark, S.Y. *see* Fortuna, G. 6906

Stark, S.Yu. *see* Palmieri, V. 15512
Stark, S.Yu. *see* Palmieri, V. 46789
Stark, T.J., Edenfield, K.M., Griffis, D.P., Radzimski, Z.J., Russell, P.E. Proximity effects in low-energy electron-beam lithography 27913
Stark, T.J., Mayer, T.M., Griffis, D.P., Russell, P.E. Effects of electron energy in nanometer scale lithography 2318
Stark, W. *see* Rapp, R. 32886
Starke, L. Integrated analogue circuits: technology and characteristics 27386
Starker, J. *see* Abrahamsson, K. 15584
Starkey, G. *see* Chen, B. 20026
Starkey, J. *see* Samantaray, A.K. 22254
Starkie, B., Pungsornruk, S. Integrated tools for service creation in the intelligent network 14303
Starkoski, B.G. *see* Ryan, L.K. 7408
Starkovich, E.G. *see* Taschek, W.G. 40070
Starkovsky, A.M. *see* Skolbelkin, O.K. 47118
Starkovsky, A.N. *see* Alpatov, V.P. 47119
Starks, M. Low cost universal stereoscopic virtual reality interfaces 23819
Starodubrovsiy, R.K. Improving the accuracy of the calculation of the impedance of transmission lines with a complex transverse cross section 12654
Starodubtsev, N.F. *see* Aleksandrovich, S.V. 3229
Staromlynska, J. *see* Hermann, J.A. 12394
Staromlynska, J. *see* Rees, S. 20412
Starostenko, N.W. *see* Morozov, G.N. 25362
Starostenko, V.I. *see* Vol, M.A. 16668
Starostenko, V.V., Glumova, M.V., Grigor'ev, E.V. Application of the finite-element method for calculations of electrostatic fields in electron beam tubes 27440
Starostin, V.N. *see* Konoplev, Yu.N. 28926
Starovoitov, V.V. Structural approach to texture image design 36848
Starr, R. *see* Zarean, M. 45823
Starr, T.M. *see* Harmon, D.L. 39764
Starshenko, V.V. *see* Oseledchik, Yu.S. 26398
Start, J.W. *see* Lind, P.C. 38770
Starzer, O. *see* Jericha, H. 39984
Starzyk, J., SenthilKumar, M. Partial arithmetic—algorithms and architectures 42020
Starzyk, J. *see* Xuefeng Fang 42118
Starzyk, J.A., Chai, S. Vector contour representation for object recognition in neural networks 22178
Starzyk, J.A., Chiung-Hsing Chen A VLSI inner-product processor for real-time DSP applications 41956
Starzyk, J.A., Ying-Wei Jan Algorithm and architecture for feature extraction in image recognition 45153
Starzyk, J.A. *see* Dai, H. 11283
Staselko, D.I. *see* Anikin, V.I. 21123
Stasev, Yu.V. Necessary and sufficient conditions for the existence of signals with an *n*-level correlation function 29738
Stashkevich, A.A. *see* Matyushev, V.V. 3230
Stashkevich, V.I. *see* Schastlivyi, G.G. 8292
Stasi, F.J.De *see* De Stasi, F.J.
Stasi, S. *see* Salvatore, L. 16825
Stasinski, R. On the reduction of nesting algorithms rounding errors 18111
Stasinski, R. Efficient implementation of uniform filter banks in the absence of critical sampling 29650
Stasinski, R. *see* Lukasik, E. 9498
Stasio, S.di *see* di Stasio, S.
Stassen, H.G., Goezinne, J., Visse, B. Communication: a basic human need [the LUCY system] 7485
Stassen, R. *see* Brittner, P. 7066
Stassi, P. *see* Ballon, J. 46910
Stassinopoulos, E.G. *see* LaBel, K.A. 11881
Stassinopoulos, E.G. *see* LaBel, K.A. 39254
Stassinopoulos, E.G. *see* Roth, D.R. 34065
Stassinopoulos, G.I. *see* Angelopoulos, J.D. 6082
Stassinopoulos, G.I. *see* Doumenis, Gr.A. 14273
Stassinopoulos, G.I. *see* Metallinos, S.N. 23491
Stassinopoulos, G.I. *see* Venieris, I.S. 13883
Stassinopoulos, G.I. *see* Venieris, I.S. 14049
Stassinopoulos, G.I. *see* Venieris, I.S. 22511
Stastny, J.A., Rogers, C.A., Liang, C. Distributed electrical time domain reflectometry (ETDR) structural sensors: design models and proof-of-concept experiments 23540
Stasyuk, V.A. *see* Prutkovskii, E.N. 8225
Stathaki, P.T. *see* Constantinides, A.G. 4712
Statham, A. *see* Al-Salti, M. 26239
Stather, J.W. *see* Clarke, R.H. 7506
Stathis, J.H., Cartier, E. Atomic hydrogen reactions with P_b centers at the (100) Si/SiO_2 interface 42594
Stathis, J.H. *see* Cartier, E. 2142
Statler, I. *see* Frainier, R. 47173
Statnick, R.M. *see* Deluliis, N.J. 8131
Statnikov, R.B., Matusov, I.B., Miodushevskii, P.V., Uzvolok, Yu.Yu., Fel'dman, D.S., Shevchenko, Yu.A., Shenfel'd, V.S. A method for investigating the parameter space, and the multicriterional design optimization using finite-element models 218
Staton, D.A., McGilp, M.I., Miller, T.J.E. DC machine teaching experiments 144
Staton, D.A., McGilp, M.I., Miller, T.J.E., Gray, G. High-speed PC-based CAD for motor drives 8456
Staton, D.A., Soong, W.L., Cossar, C., Miller, T.J.E. Unified theory of torque production in switched and synchronous reluctance motors 8326
Staton, D.A. *see* Soong, W.L. 8328
Staton, D.J. *see* Wikswo, J.P., Jr. 911
Staton-Bevan, A. *see* Ghisoni, M. 1921
Staton-Bevan, A.E. *see* Henry, B.M. 2456
Staub, M. *see* Motowidlo, L. 32436
Stauber, M.C. *see* Petrosky, J.C. 35581
Stauch, H., Simon, K., Scheunemann, H.-U., Huber, H.-L. Impact of chuck flatness on wafer distortion and stepper overlay comparison of experimental and FEM-results 28023
Staudaher, F.M. *see* Brennan, L.E. 23188
Staudinger, J., Costa, J. Lumped-element networks compose wide-bandwidth balun 19092
Staudinger, J., Golio, M., Seely, W. Fixture assists discrete-device characterization 10437
Staudinger, T. High speed, more peripherals: C500 family sets new standards for 8-bit microcontrollers 10191
Staudt, J.E. Overview of NO_x emission control for utility boilers 39909
Staudt, J.E., Confuorto, N., Grisko, S.E., Zinsky, L. The NOxOUT process for NO_x reduction from an industrial boiler burning Fiberfuel and other fuel 32709
Staudt, V. Measuring differential inductances of asynchronous machines 40172
Staudt-Fischbach, P. *see* Wildau, H.-J. 34959
Staufer, U. *see* Dammer, U. 28348
Staufer, U. *see* Kim, H.S. 27404
Staufert, G., Dommann, A., Lauger, D. Behaviour of a silicon spring fabricated by wire electro-discharge machining 31204
Staufert, G. *see* Lardelli, S. 28496
Stauffer, D., French, H., Lenz, J., Rouse, G. A multi-sensor approach to airport surface traffic tracking 39334
Stauffer, J.M. *see* Oppliger, Y. 34855
Stauffer, P.R. *see* Diederich, C.J. 15900
Stauffer, T. *see* Hitt, E.F. 39296
Stauffer, T.C. *see* Goodrich, L.F. 23837
Stauning, P. *see* Wang, Z. 44345
Staunstrup, J. *see* Mellergaard, N. 33824
Staunstrup, J. *see* Sparso, J. 10046
Staunton, A. *see* Malik, M. 15852
Staupendahl, G., Bliedtner, J., Schott, T. Laser materials processing with dynamic beam parameters in the focus region 21132
Staupendahl, G., Schindler, K., Bliedtner, J., Weikert, C. A new type of Q-switched high power CO_2 laser 11940
Stauthamer, W.P.R.V., Engbersen, J.F.J., Verboom, W., Reinhoudt, D.N. Influence of plasticizer on the selectivity of nitrate-sensitive CHEMFETs 31179
Staveren, H.J.Van *see* Van Staveren, H.J.
Staveren, H.van *see* van Staveren, H.
Staverman, J. *see* Verweij, K. 40012
Staveteig, P.T., Choi, Y.H., Labeyrie, G., Bigan, E., Razeghi, M. Photoconductance measurements on InTlSb/InSb/GaAs grown by low-pressure metalorganic chemical vapor deposition 28589
Stavinskii, A.A. Cage induction motors with interrings and sectionalised rotor cores 8399
Stavinsky, A. *see* Bertin, P.Y. 38937
Stavnes, M.W., Hammoud, A.N. Assessment of safety in space power wiring systems 39305
Stavola, M., Kozuch, D.M., Abernathy, C.R., Hobson, W.S. Hydrogen passivation of GaAs:C epitaxial layers grown from metalorganic sources 2195
Stavola, M. *see* Abernathy, C.R. 41328
Stavrakakis, G.S. *see* Malatestas, P.B. 25285
Stavrakakis, I., Tsakiridou, S. Occupancy distribution of a DQDB station based on a queueing system with Markov-structured service requirements 5538
Stavrakakis, I. *see* Landry, R. 30199
Stavrakakis, I. *see* Tsakiridou, S. 45319
Stavropoulos, G. *see* Adam, W. 7259
Stavropoulos, G. *see* Adam, W. 31715
Stavropoulos, G. *see* Adam, W. 46929
Stavrou, S.E. *see* Morris, M.L. 14071
Stavrov, A.A. *see* Antipenko, B.M. 35747
Stawiasz, K.G. *see* Foglietti, V. 28411
Stawowczyk, A. *see* Bolinski, R. 6679
Staxen, P. Business applications—supplier's strategy 14005
Stayt, J.W. *see* Bethea, G.C. 23727
Stayt, J.W. *see* Swaminathan, V. 6504
Stealey, S.L., Mount, F. Viewing evaluation of two Cupola locations on Space Station Freedom (SSF) 15948
Stearns, B. *see* Edwards, D. 40966
Stearns, C., Harrington, T., Stenbeck, A. The COREWARE methodology: building a 200 MFLOP processor in 9 man months 18813
Stearns, C. *see* Kannappan, K. 18691
Stearns, D.G., Rosen, R.S., Vernon, S.P. Multilayer mirror technology for soft-X-ray projection lithography 27817
Stearns, D.G. *see* Rosen, R.S. 28581
Stearns, D.G. *see* Vernon, S.P. 26491
Stearns, S.D., Wilson, B.E., Peterson, J.R. Dimensionality reduction by optimal band selection for pixel classification of hyperspectral imagery 13571
Stebbins, R.D. *see* Kelly, J.J. 8478
Stec, B., Zurawski, M. Compensated microwave thermometer for biomedical measurements 31844
Stecco, S.S. Kalina cycles: some possible applications and comments 32752
Stechemesser, H. *see* Bertram, W. 15312
Stecher, M. *see* Rohner, C. 29199
Stecher, M. *see* Rohner, C. 36360
Steck, J.E., Balakrishnan, S.N. Use of Hopfield neural networks in optimal guidance 39435
Steck, M., Angert, N., Beckert, K., Bosch, F., Eickhoff, H., Franzke, B., Jung, M., Klepper, O., Leible, K.D., Nolden, F., Schaaf, U., Schulte, H., Spadtke, P., Wolf, B.H. Commissioning of the ESR electron cooling device 7061
Steck, M. *see* Franzke, B. 15382
Steck, M. *see* Hofmann, I. 7048
Steck, M. *see* Nolden, F. 15490
Steck, M. *see* Schaaf, U. 15359
Steckl, A.J., Chen, P., Choo, A., Jackson, H., Boyd, J.T., Pronko, P.P., Ezis, A., Kolbas, R.M. Dose effects in Si FIB-mixing of short period AlGaAs/GaAs superlattices 2076
Steckl, A.J., Chen, P., Choo, A.G., Jackson, H.E., Boyd, J.T., Ezis, A., Pronko, P.P., Novak, S.W., Kolbas, R.M. Enhanced photoluminescence from AlGaAs/GaAs superlattice gratings fabricated by Si FIB implantation 10819
Steckl, A.J., Li, J.P. Effect of carbonization gas precursor on the heteroepitaxial growth of SiC-on-Si by RTCVD 763
Steckl, A.J., Mogul, H.C., Mogren, S. Si nanostructure fabrication by Ga^+FIB selective doping and anisotropic etching 27648
Steckl, A.J., Xu, J., Mogul, H.C., Mogren, S. Sub-micron selective photoluminescence in porous Si by focused ion beam implantation 11830
Steckl, A.J., Yuan, C., Li, J.P., Loboda, M.J. Growth of crystalline 3C-SiC on Si at reduced temperatures by chemical vapor deposition from silacyclobutane 18243
Steckl, A.J. *see* Choo, A.G. 2075
Steckl, A.J. *see* Kumar, M. 10818
Steckl, A.J. *see* Li, J.P. 33751
Steckl, A.J. *see* Mogul, H.C. 11130
Steckmeyer, J.C. *see* He Zhiyong 46884
Stedman, M. Scanning microsensors for nanotechnology 6387
Stedman, S.J. *see* Risso, L. 26524
Steed, J.C. Experiences with power transformers in Southern Electric 47945
Steed, R.G. *see* Manzer, A.M. 8084
Steedly, W.M., Ying, C.-H.J., Moses, R.L. Statistical analysis of TLS-based Prony techniques 21822
Steedly, W.M. *see* Pierson, W.E., Jr. 23093
Steedly, W.M. *see* Sacchini, J.J. 21715
Steedly, W.M. *see* Sacchini, J.J. 23092
Steel, A.R. The PowerPC Reference Platform and machine abstractions 41916
Steel, M.J., de Sterke, C.M. Method of moments for cross-phase modulation in weakly-dispersive media 35997
Steel, V. Attenuator and amplifier ICs aid digital systems 18493
Steele, A.G. *see* Liu, H.C. 31211
Steele, A.K., Byrne, C.L., Riley, J.L., Swift, M. Performance comparison of high resolution bearing estimation algorithms using simulated and sea test data 44880
Steele, A.L. Pulse compression by an optical fibre loop mirror constructed from two different fibres 15052
Steele, B.C.H. *see* Christie, G.M. 17341
Steele, B.C.H. *see* Middleton, P.H. 17365
Steele, J.P.H., Ganesh, C., Kleve, A. Control and scale model simulation of sensor-guided LHD mining machines 47308
Steele, J.W. *see* Loechelt, G.H. 19515
Steele, L.C. *see* Weber, W.J., III 30686
Steele, M.A. Shaped contact expands horizons for flexible circuits 33396
Steele, R. Speech codecs for personal communications 22680
Steele, R. *see* Hanzo, L. 22803
Steele, R. *see* Lin, X. 45792
Steele, R. *see* Webb, W.T. 22893
Steele, R.E. *see* Cirillo, J.R. 3045
Steele, T.A. *see* Folkard, M.A. 9563
Steele, W.F. *see* Kwan, J.W. 38828
Steemers, H. *see* Hack, M. 28158
Steen, D.V., Cassell, T.D. SNOX: an innovative alternative to emission control 32698
Steen, W.M. *see* Chen, H.B. 23657
Steen, W.M. *see* Williams, K. 21131
Steenbakkers, L.W., de Goeje, M.P., Catrysse, J. The influence of slots and holes on the shielding efficiency of a housing 44407
Steenbakkers, W. *see* Catrysse, J.A. 36226
Steenbeek, J.C.M. Principles and applications of volumetric CT 24200
Steendijk, P., Mur, G., Van Der Velde, E.T., Baan, J. The four-electrode resistivity technique in anisotropic media: theoretical analysis and application on myocardial tissue in vivo 31955

Steeneken, H.J.M. The evaluation of speech transmission quality 21657
Steenhoven, G.van der *see* van der Steenhoven, G.
Steenhuisen, A.C., Adams, R. Message routing in the C7 signalling network 45432
Steennis, E.F., Meijer, G.J., Leufkens, P.P., Geene, H.T.F. Comparison of thermal effects on XLPE insulated medium voltage cables with solid and stranded aluminium conductors 24955
Steennis, E.F. *see* van Nes, P.V.M. 24960
Steenson, D.P. *see* Millington, G. 27209
Steenstrup, M. Mobile communications 45817
Steenwijk, A.Van *see* Van Steenwijk, A.
Steer, M.B. Diode characterization in a coaxial mount 10459
Steer, M.B. *see* Heron, P.L. 1424
Steer, M.B. *see* Heron, P.L. 36436
Steer, P.J. Monitoring in the intrauterine environment—a multisensor probe 47102
Steerneman, M.W. *see* Spruit, F.P.M. 9060
Steers, D. High-voltage power supplies in North America 25556
Steerteghem, J.-P.van *see* van Steerteghem, J.-P.
Stefan, H., Abraham-Fuchs, K., Schneider, S., Schuler, P., Huk, W.J. Multichannel magnetoelectroencephalography recordings of interictal and ictal activity 31947
Stefan, P.M. *see* Hanna, S.M. 6975
Stefan, V. *see* Voicu, A. 32854
Stefanakos, E., Sapashe, D., Wiley, P., Smith, T., Balderes, J., Boardman, J., Stewart, R., Cooke, S., Padilla, T., Herig, C., Roberts, R. A utility interconnected photovoltaic system for charging electric vehicles 48289
Stefanelli, B., Bardyn, J.-P., Kaiser, A., Billet, D. A very low-noise CMOS preamplifier for capacitive sensors 1078
Stefanelli, R. *see* Dell'Acqua, A. 7283
Stefanelli, R. *see* Dell'Acqua, A. 46998
Stefanelli, R. *see* Distante, F. 18925
Stefani, G.G., Goel, N.S., Jenks, D.B. An efficient numerical technique for thermal characterization of printed wiring boards 27356
Stefani, J.A., Loewenstein, L.M., Sullivan, M. Diagnostic monitoring of photoresist ashing 11040
Stefani, J.A. *see* Barna, G.G. 27711
Stefani, J.B. *see* Blair, G. 13974
Stefani, R. *see* Borgatti, R. 40325
Stefanik, A. *see* Clark, E. 24010
Stefanik, M. *see* Brandstetter, P. 8870
Stefanini, A. *see* Alfano, B. 15724
Stefanini, A. *see* Bandettini, A. 15723
Stefanini, A. *see* Bencivelli, W. 31729
Stefanini, G. *see* Gnidica, F. 15530
Stefanini, G. *see* Konijn, J. 24087
Stefano, A.Di *see* Di Stefano, A.
Stefano, L.Di *see* Di Stefano, L.
Stefano, R.Di *see* Di Stefano, R.
Stefanou, G.D., Moossavi, E., Bishop, S., Koliopoulos, P. Conjugate gradients method for calculating the response of large cable nets to static loads 26344
Stefanov, J. *see* Kenyon, D.A. 30662
Stefanova, M.S. *see* Karelin, A.V. 11938
Stefanovic, M. *see* Nikolic, Z. 44638
Stefanski, J., Kaya, Y. Conflict between electricity and gas industries—a game model 32307
Steffe, W. *see* Mizzoni, R. 29402
Steffen, B., Weise, C. Deciding testing equivalence for real-time processes with dense time 33472
Steffen, B. *see* Bleise, Ch. 17315
Steffen, J. *see* Grohs, J. 3803
Steffen, P., Heller, P.N., Gopinath, R.A., Burrus, C.S. Theory of regular M-band wavelet bases 44975
Steffens, E. *see* Barber, D.P. 31578
Steffens, E. *see* Rathmann, F. 6941
Steffens, M.B., Sundrum, L. Political change opens telecommunication markets 5272
Steffens, T. *see* Kiessling, J. 24356
Steffey, J.R. Data communications made easy and economical 45617
Stege, R.E., Jr., Krejcik, P., Minty, M.G. Analyzing gigahertz bunch length instabilities with a digital signal processor 15348
Stegeman, G. *see* Lawrence, B.L. 44056
Stegeman, G.I. Material figures of merit and implications to all-optical waveguide switching 21063
Stegeman, G.I. *see* Al-hemyari, K. 35433
Stegeman, G.I. *see* Aramaki, S. 11657
Stegeman, G.I. *see* Bosshard, C. 28979
Stegeman, G.I. *see* Otomo, A. 21002
Stegeman, G.I. *see* Torruellas, W. 44107
Stegeman, G.I. *see* Yang, C.C. 3093
Stegeman, G.I. *see* Yang, C.C. 3772
Stegeman, G.I. *see* Yang, C.C. 43456
Stegemann, D., Reimche, W., Beermann, H., Sudmersen, U. Analysis of short-duration rubbing processes in steam turbines 32720
Stegemann, D. *see* Mensching, L. 18375
Stegemann, D. *see* Por, G. 39870
Stegens, R. Learn to fold the Wilkinson hybrid divider 10411
Steger, G., Kapphan, S. Solid state etalon tuning of a single mode IR F_A (II)-centre laser 12068
Steger, J. On the use of a constant autocorrelation codebook for CELP coding 13143
Steger, R. *see* Vorwerk, J. 31515
Stegmuller, B., Veuhoff, E., Rieger, J., Hedrich, H. High-temperature (130°C) CW operation of 1.53 μm InGaAsP ridge-waveguide lasers using strained quaternary quantum wells 3609
Stehle, J.L. *see* Jin, G. 1967
Stehle, M. *see* Godard, B. 20628
Stehle, S. *see* Quenter, D. 11551
Stehlik, J. Usable power and losses in the distribution nets 7913
Stehr, R. *see* Curio, G. 31884
Stehr, R. *see* Trahms, L. 31883
Steibl, S. *see* Lange, N. 41743
Steich, D. *see* Luebbers, R. 29145
Steier, W.H., Shi, Y., Ranon, P.M., Xu, C., Wu, B., Dalton, L.R., Wang, W., Chen, D., Fetterman, H. Waveguide photonic devices made from thermally crosslinked second-order nonlinear optical polymers 43481
Steier, W.H. *see* Dubovitsky, S. 43934
Steier, W.H. *see* Sahara, R.T. 43514
Steier, W.H. *see* Xu, C. 44070
Steier, W.H. *see* Ziari, M. 3164
Steiger, W. *see* Rodenauer, F.G. 15587
Steigerwald, H.M. *see* Hosemann, G. 16443
Steigerwald, J. *see* Murarka, S.P. 19641
Steigerwald, R.L., Roshen, W., Saj, C.F. A high-density 1 kW resonant power converter with a transient boost function 40314
Steigerwald, R.L. *see* Korman, C.S. 18481
Steigmeier, E.F. *see* Kramer, J. 11863
Steijger, J.J.M. *see* Blok, H.P. 38935
Steijger, J.J.M. *see* Zondervan, A. 46867
Steil, A. *see* Blanz, J. 45837
Steil, A. *see* Jung, P. 5783
Steimel, A. Differences of inverter-fed traction drives due to the inverter control scheme 48358
Stein, A. Life-cycle management [of nuclear power plants] 32568
Stein, E. *see* Horwitz, A.E. 24173
Stein, E. *see* Schneider, K. 24171
Stein, G. *see* Sadjadi, F. 38160
Stein, H. *see* Adkins, W. 32524
Stein, H.D.von *see* von Stein, H.D.
Stein, H.J. Bonding of hydrogen implanted at 80 K into III-V semiconductors 2073
Stein, H.J. *see* Derissen, W. 7065
Stein, H.J. *see* Strane, J.W. 9513
Stein, H.S. *see* Strane, J.W. 33664
Stein, J. On the solution of layout problems in multiagent systems: a preliminary report 33841
Stein, J., Nakata, R., Clark, H., Donalek, P. Application of adjustable speed doubly fed machines in pumped storage and conventional hydro electric plants 32776
Stein, J. *see* Braun, J.M. 32431
Stein, J. *see* Rasmussen, J.R. 32727
Stein, J.L. *see* Wilson, B.H. 25874
Stein, K. *see* Kohnle, A. 32153
Stein, K.M., Karagounis, L.A., Anderson, J.L., Kligfield, P. Day-to-day reproducibility and deviations from uniformity of two fractal measures of VPC clustering in patients with life threatening ventricular arrhythmias 24285
Stein, M. *see* Grasser, A. 24488
Stein, M.A. *see* Osawa, M. 34236
Stein, M.L. *see* Handcock, M.S. 18002
Stein, N.D. *see* Dykman, M.I. 21707
Stein, N.D. *see* Dykman, M.I. 41711
Stein, R. *see* Schattenburg, M.L. 27978
Stein, R.B. *see* Popovic, D.B. 24323
Stein, S. Differential delay/Doppler ML estimation with unknown signals 4626
Stein, S. *see* Wheeler, D.R. 27958
Stein, S.J., Huang, C., Grunstein, T., Sykora, G. Thick film sensors for methane detection 23749
Stein, S.J. *see* Wahlers, R. 17864
Stein, S.M. *see* Taylor, G.N. 28033
Stein, S.M. *see* Taylor, G.N. 28037
Stein, W.W. *see* Buzak, T.S. 23812
Steinbach, C. Beam optics at resonant extraction septa 7069
Steinbacher, K. *see* Kadecka, E. 16707
Steinbauer, E., Bortels, G., Bauer, P., Biersack, J.P., Burger, P., Ahmad, I. A survey of the physical processes which determine the response function of silicon detectors to alpha particles 38839
Steinbeck, J. *see* Zhang, J. 26517
Steinbeck, M. *see* Rengarajan, S.R. 4180
Steinberg, A.M. *see* Kwiat, P.G. 46453
Steinberg, B.D. *see* Zhu, Q. 24253
Steinberg, B.D. *see* Zhu, Q. 24254
Steinberg, B.Z., Leviatan, Y. Periodic wavelet expansions for analysis of scattering from metallic cylinders 44308
Steinberg, D. *see* Liu, K. 30706
Steinberg, D.G. *see* Janniello, F.J. 5561
Steinberg, D.M., Bursztyn, D. Dispersion effects in robust-design experiments with noise factors 26212
Steinberg, J. *see* Berry, M. 273
Steinberg, L. *see* Mahadevan, S. 1121
Steinberg, M.D., Cooke, E.D. Design and evaluation of a device for measurement of interface pressure 15697
Steinberg, S., Liska, R. Stability analysis by quantifier elimination 26376
Steinberg, St. *see* Rottschalk, M. 35472
Steinberg, Y., Poor, H.V. Sequential amplitude estimation in multiuser communications 45306
Steinborn, S., Hartelt, M. Taguchi methods—the Japanese secret? Problems of quality assurance and test planning 26233
Steinbruchel, C. *see* Howard, B.J. 2112
Steinel, A. *see* Euteneuer, H. 15286
Steiner, B., Baier, P.W. Low cost channel estimation in the uplink receiver of CDMA mobile radio systems 30631
Steiner, B., Comas, J., Tseng, W., Laor, U. The influence of lattice mismatch on indium phosphide based high electron mobility transistor (HEMT) structures observed in high resolution monochromatic synchrotron X-radiation diffraction imaging 11252
Steiner, B., Jung, P. Optimum and suboptimum channel estimation for the uplink of CDMA mobile radio systems with joint detection 45868
Steiner, B. *see* Tseng, W.F. 713
Steiner, B.A. Human engineering requirements for rapid prototyping of operator/maintainer interfaces: a proposed military standard 16112
Steiner, E. *see* Schryber, U. 6907
Steiner, H. *see* Effler, L. 24793
Steiner, H.J., Fritzel, T., McCormick, A.H.I. A high precision outdoor cylindrical near-field test facility 30909
Steiner, H.J. *see* Middleton, P.H. 17365
Steiner, J.P., Quinlan, J.P., Braun, J.M., Morra, R.M., Sedding, H.G. A new low frequency high voltage insulation analyzer using transient methods 47592
Steiner, K. Drift-mobility profiles in GaAs field effect transistors 19908
Steiner, K. *see* Sulz, G. 6642
Steiner, K.-H. Electricity investments in East Germany 39511
Steiner, K.G. *see* Yu, C.H.D. 19851
Steiner, P., Kozlowski, F., Sandmaier, H., Lang, W. New results on electroluminescence from porous silicon 11877
Steiner, P., Lang, W., Kozlowski, F., Sandmaier, H. A phenomenological investigation on porous silicon electroluminescence 20560
Steiner, P. *see* Fellmann, H. 32774
Steiner, P. *see* Lang, W. 35591
Steiner, P. *see* Richter, A. 28662
Steiner, V. *see* Baur, R. 46897
Steiner, V. *see* Baur, R. 46911
Steiner, W. *see* Ausserlechner, U. 38484
Steinfeld, G. *see* Barot, D.T. 8257
Steingraber, W. *see* Groth, R. 25590
Steinhardt, G. Tele-racism: the role of IT in making fascist images socially acceptable 30358
Steinhauer, L.C., Kimura, W.D. Multistaging in free-space laser particle accelerators 15471
Steinhaus, B.M., Wells, R.T., Hursta, W.N. A PC-based real-time simulator of cardiac bradycardia and tachycardia arrhythmias 39061
Steinhaus, B.M. *see* Greenhut, S.E. 24306
Steinhaus, B.M. *see* Lu, R.M.T. 39102
Steinhaus, R.R. *see* Baumgarten, G. 11333
Steinhauser, R. *see* Colcy, J.-N. 37926
Steinholt Bygdas, S., Houmb, V. Reference models 14157
Steinigeweg, R.J. *see* Fuchsloch, J. 9033
Steinitz, G. *see* Zafrir, H. 39122
Steinke, D.A. *see* Singh, G.P. 39698
Steinle, H. *see* Schonfelder, V. 7146
Steinmetz, D., Weis, G., Quist, P. Emission reduction plan to meet the Clean Air Act at Gibson Generating Station 8195
Steinmetz, D., Weis, G., Quist, P. Gibson Station precipitator replacement project 32726
Steinmetz, D.L. *see* Hadimioglu, B. 16089
Steinmetz, K. *see* Maass, V.R. 47740
Steinmetz, R. *see* Kappner, T. 5549
Steinmetz, R. *see* Ravindran, K. 37119
Steinmeyer, G., Jaspert, D., Mitschke, F. Observation of a period-doubling sequence in a nonlinear optical fiber ring cavity near zero dispersion 21083
Steinmeyer, G., Morgner, U., Ostermeyer, M., Mitschke, F., Welling, H. Subpicosecond pulses near 1.9 μm from a synchronously pumped color-center laser 3486
Steinmeyer, K., Thomas, R. Transducer mountings can affect results 38469
Steinthorsson, E., Shih, T.I.-P. Methods for reducing approximate-factorization errors in two- and three-factored schemes 606
Stekelenborg, J.van *see* van Stekelenborg, J.
Stella, E., Ianigro, M., D'Orazio, T., Lovergine, F.P., Distante, A. Mobile robot navigation on a planned path 13384
Stellakis, H.M., Manolakos, E.S. A VLSI architecture for the order recursive estimation of higher order statistics 1268
Stellakis, H.M., Manolakos, E.S. An array of processors for the real-time estimation of fourth- and lower-order moments 45029
Stellbrink, B. Staudinger power plant—environmental protection measures 39952
Stellman, C. *see* Cooper, J.B. 31316
Stelmach, L.B. *see* Tam, W.J. 22078
Stelmakh, N. *see* Bouchoule, S. 12155
Stel'makh, V.F. *see* Bondarenko, V.P. 28682
Stelzer, J. *see* Schmiedel, H. 20408
Stelzer, J.E. *see* Smith, H.V., Jr. 38827
Stemerdink, J.A. *see* Beerends, J.G. 44752
Stemler, G. *see* Christie, R.D. 32489

Stemme, E., Stemme, G. A valveless diffuser/nozzle-based fluid pump 24138
Stemme, G. *see* Stemme, E. 24138
Stemmer, T. *see* Aretz, K. 14583
Stemmler, H., Guggenbach, P. Configurations of high-power voltage source inverter drives 8845
Stempel, S. *see* Bauspiess, F. 37408
Sten, J.C.-E., Nikoskinen, K.I., Lindell, I.V. Electrostatic image theory for the interaction of two dielectric spheres 21172
Sten, J.C.-E. *see* Lindell, I.V. 44225
Stenbeck, A. *see* Stearns, C. 18813
Stenberg, B. *see* Standstrom, M. 15931
Stender, H.-St. *see* Stieve, F.-E. 24160
Stender, K., Hauschild, F.D. High volume production of multilayer hybrid circuits 19268
Stengel, R.F. *see* Stratton, D.A. 24411
Stenger, L. *see* De Lameillieure, J. 14803
Stenger, V.J. *see* Grajew, G. 37613
Stengl, G. *see* Fallmann, W. 11097
Stengl, G. *see* Loschner, H. 27920
Stengl, R. *see* Felder, A. 34140
Stenkvist, S.-E. *see* Stickler, H. 48474
Stennett, A.K., Boyd, A.J. Remote metering package measures transformer gases 40286
Stennett, C. *see* Blissett, R.J. 31035
Stennett, N.A. Failure mechanisms in stationary low current contacts 42272
Stenzel, J., Weber, Th. Model representing the nonlinear behaviour of three-phase transformers 32889
Stenzel, J. *see* Junglas, K.-J. 25079
Stenzel, W.C. *see* Massi, F. 32653
Stepanchuk, V.N. *see* Amosov, A.V. 28928
Stepanek, B., Sestakova, V., Kristofik, J. Doping of GaSb single crystals with volatile elements 27650
Stepanek, B., Sestakova, V., Sestak, J., Leitner, J. Thermodynamic theory for GaSb single crystals doped with sulphur 41243
Stepanek, B. *see* Sestakova, V. 27654
Stepanenko, A.V., Isaevich, L.A., Veremeichik, A.A., Lyakhovets, E.V. Cold forming of long rods from $YBa_2Cu_3O_{7-x}$ powder 887
Stepanenko, P.Ya. Optimal step rectangular circular waveguide adapters 42150
Stepanenko, P.Ya. *see* Dubrovka, F.F. 4290
Stepanenko, P.Ya. *see* Dubrovka, F.F. 18969
Stepanov, D.Yu., Ouellette, F., Atkins, G.R. Changes in spatial distribution of UV-excited luminescence in Ge-doped fibre preforms during UV exposure 11608
Stepanov, E. *see* Kotelnikov, S. 24497
Stepanov, E. *see* Parfenov, V. 3536
Stepanov, E.V. *see* Yakovlev, Yu.P. 20817
Stepanov, M.V. *see* Antipov, V.G. 41252
Stepanov, S.I. Sensitivity of non-steady-state photoelectromotive force-based adaptive photodetectors and characterization techniques 46440
Stepanov, S.I. *see* Sochava, S.L. 3917
Stepanov, S.I. *see* Sochava, S.L. 42420
Stepanov, S.N. Asymptotic analysis of models with repeated calls in the case of large losses 45269
Stepanov, V.P. *see* Zhezhelenko, I.V. 16119
Stepanov, V.S., Stepanova, T.B. Calculation of chemical energy and exergy of technical fuels 47626
Stepanov, V.V. *see* Ageichik, A.A. 11956
Stepanov, V.V. *see* Sherstobitov, V.E. 21056
Stepanova, A.N. *see* Jiang Liu 27691
Stepanova, T.B. *see* Stepanov, V.S. 47626
Stepanova, V.L. A multichannel digital filter as a dynamic pipeline device 34168
Stepantsov, E.A. *see* Ivanov, Z.G. 35287
Stephan, A. *see* Gulder, H. 40611
Stephan, G. *see* Ait-Ameur, K. 35934
Stephan, G. *see* Euteneuer, H. 15286
Stephan, G. *see* Le Boudec, P. 20677
Stephan, G. *see* Leners, R. 35760
Stephan, G. *see* Sanchez, F. 12052
Stephan, G.M. *see* Le Boudec, P. 3576
Stephan, H.O., Inglis, J.A. Retrofitting of a flue gas desulphurisation system to a large coal fired power station 47722
Stephan, J.-P. *see* Veron, L. 40371
Stephan, K.-H., Brauninger, H., Reppin, C., Maier, H.J., Frischke, D., Krumrey, M., Muller, P. Optical filter for X-ray astronomy CCDs 11808
Stephan, K.D., Spooner, F.H., Goldsmith, P.F. Quasioptical millimeter-wave hybrid and monolithic PIN diode switches 34281
Stephan, P.R. *see* Moon, C.W. 41601
Stephan, R.E. *see* Maywald, M. 42423
Stephan, R.M. *see* Salazar, A.O. 47884
Stephan, R.M. *see* Santisteban, J.A. 16858
Stephan, W. *see* Hornauer, G. 36546
Stephanblome, T. *see* Handschin, E. 47424
Stephani, A. *see* Bohm, R. 20681
Stephanidis, C., Homatas, G., Koumpis, A., Sfyrakis, M., Galatis, P., Vareltzis, G. Access to B-ISDN services by people with special needs: a methodological approach 37567
Stephany, G.R., Ropella, K.M. Real-time estimation of magnitude-square coherence for use in implantable devices 24363
Stephen, D.D. *see* Fielding, G. 25987
Stephen, R.G., Yeomans, K., Marshall, G.R. Statistical signatures for determining transmission line safety 47539
Stephens, A.E. Plastic deformation of 200 mm silicon wafers during furnace insertion and withdrawal 1836
Stephens, A.W., Green, M.A. Minority carrier mobility of Czochralski-grown silicon by microwave-detected photoconductance decay 19321
Stephens, B. *see* Rose, M.F. 32983
Stephens, B. *see* Wei Liu 37279
Stephens, D.J., He, S.S., Lucovsky, G., Mikkelsen, H., Leo, K., Kurz, H. Si_3N_4/SiO_2 multi-layer reflecting stacks for photonic switching applications 21016
Stephens, D.J. *see* He, S.S. 10774
Stephens, D.J. *see* He, S.S. 11227
Stephens, D.J. *see* He, S.S. 28144
Stephens, D.J. *see* He, S.S. 34991
Stephens, D.J. *see* He, S.S. 42947
Stephens, D.J. *see* Lucovsky, G. 9792
Stephens, G.L. *see* Greenwald, T.J. 15988
Stephens, G.L. *see* Intrieri, J.M. 15997
Stephens, J.O., Knight, C.E. Four turbo locomotives that were built by Baldwin-Westinghouse and what went wrong 48373
Stephens, K. *see* Cronstrom, H. 31804
Stephens, M. A sensitive interferometric accelerometer 6813
Stephens, M.M. *see* Halbig, J.K. 38913
Stephens, P.W. *see* Koller, D. 43342
Stephens, R.G. *see* Smith, G.A. 16744
Stephens, R.S. Distributed memory multi-processing with the Intel i860 1252
Stephens, T., Hinton, K., Anderson, T., Clarke, B. Laser turn-on delay and chirp noise effects in Gbit/s intensity-modulated direct-detection (IM/DD) systems 38046
Stephens, T. *see* Scozzafava, J.J. 43494
Stephens, T. *see* Wilson, J. 19486
Stephenson, D.A. Tool-work thermocouple temperature measurements—theory and implementation issues 38458
Stephenson, D.T. *see* Sandage, R.W. 22807
Stephenson, E.J. *see* Phelps, R.A. 38798
Stephenson, G.B. *see* Lamelas, F.J. 33634
Stephenson, J.D. Optimised (normal incidence) reflectivity and transmittivity coefficients for diamond Si, and Ge XFEL monochromators 44029
Stephenson, J.M. *see* Corda, J. 8336
Stephenson, J.M. *see* Lovatt, H.C. 40131
Stephenson, J.M. *see* McClelland, M.L. 8808
Stephenson, J.M. *see* McClelland, M.L. 8883
Stephenson, M.M., Harris, R.L. Self-optimizing avionics: the future of avionics 39194
Stephenson, P.L. *see* Larsen, S.T. 16368
Stepien, T.M. *see* Bumbulis, P.J. 5469
Stepikhova, M.V. *see* Karpovich, I.A. 34760
Stepin, A.V. *see* Kolokol'tsev, V.M. 38453
Stepinski, T. *see* Gustafsson, M.G. 18376
Stepper, C.H. *see* Koren, I. 2614
Steppert, C. Going cordless [megaset 940/950/960 family of telephones] 5808
Ster, J.F. *see* Asato, K.T. 31991
Steriti, R.J., Fiddy, M.A. Regularized image reconstruction using SVD and a neural network method for matrix inversion 13496
Sterk, S., Knobloch, J., Wettling, W. Optimization of the rear contact pattern of high-efficiency silicon solar cells with and without local back surface field 33019
Sterke, C.M.de *see* de Sterke, C.M.
Sterky, M. The general purpose simulator 25203
Sterlina, P.S. *see* Burnett, R.O., Jr. 39675
Sterling, M.J.H. *see* Irving, M.R. 24877
Stern, A., Levy, B., Bootnik, M., Detoma, E., Pedrotto, G. Rubidium frequency standard with a high resolution digital synthesizer 23389
Stern, E.G. *see* Cleland, W.E. 24016
Stern, E.G. *see* Cleland, W.E. 31725
Stern, H.L., Wong, B.L. NFS performance and network loading 5552
Stern, H.P. A spectrally efficient narrowband mobile radio system for voice and data communication 37814
Stern, H.P. *see* Ick Don Lee 45856
Stern, J. Approximating the number of error locations within a constant ratio is *NP*-complete 12856
Stern, J. *see* Blackburn, S. 29482
Stern, J. *see* Cook, A. 45679
Stern, J. *see* Faulkner, D. 37646
Stern, J. *see* Joux, A. 12896
Stern, M.B. *see* Farn, M.W. 3121
Stern, M.S. *see* Kendall, P.C. 12680
Stern, M.S. *see* Matin, M.A. 28479
Stern, R.A. *see* Bacal, M. 46826
Stern, S.M. Technology in radiology: advances in diagnostic imaging and therapeutics 47042
Stern, T.E., Bala, K., Jiang, S., Sharony, J. Linear lightwave networks: performance issues 6073
Stern, T.E. *see* Bala, K. 6025
Stern, T.E. *see* Sharony, J. 6069
Sternad, M., Ahlen, A. Robust Wiener filtering based on probabilistic descriptions of model errors 44825
Sternad, M. *see* Ahlen, A. 29664
Sterner, J.R. *see* Uhling, T.F. 38597
Sterner, J.R. *see* Uhling, T.F. 46540
Sternin, B.Yu. *see* Savina, T.V. 9368
Sterud, C.G. *see* Donavin, P.R. 32620
Steski, D.B. *see* Smith, K.S. 46822
Stesmans, A., Vanheusden, K. Depth profiling of oxygen vacancy defect generation in buried SiO_2 19452
Stetsenko, O.A. *see* Denisenko, A.N. 36484
Stetter, M., Neuner, U., Tkotz, R., Christiansen, J., Frank, K. Plasma lens studies at Erlangen University 15412
Stetter, M. *see* Boggasch, E. 7018
Stetter, M. *see* Kowalewicz, R. 15411
Stetter, M. *see* Mehr, T. 42277
Stetter, M. *see* Tauschwitz, A. 7017
Stetter, M. *see* Tauschwitz, A. 31573
Stetzler, T.D., Flemming, T.E., Koullias, I.A. A sub-nanosecond 9-bit accurate ECL comparator using cascaded complementary gain stages 10135
Steup, D. Frequency multipliers with quasioptical output for the submillimeter-wave range 10465
Steup, D. Whisker-contacted diode-multipliers as quasioptical SMMW-arrays 21449
Steve, H. *see* Cioni, J.P. 12577
Stevens, A., Musolino, S., Harrison, M. Design criteria for prompt radiation limits on the Relativistic Heavy Ion Collider site 46718
Stevens, A.E. *see* Tong, F. 35635
Stevens, C.J., Taylor, R.A., Ryan, J.F., Dabbicco, M., Ferrara, M., Cingolani, R., Kuroda, Y., Suemune, I. Time-resolved photoluminescence studies of stimulated emission and exciton dynamics in $ZnSe/ZnS_{0.18}Se_{0.82}$ superlattices 42514
Stevens, D. Variable substitution with iconic combinators 33480
Stevens, D. *see* Muccioli, J.P. 18804
Stevens, G.C. *see* Champion, J.V. 20037
Stevens, G.C. *see* Champion, J.V. 35118
Stevens, K. *see* Coates, B. 10188
Stevens, K.N. Modelling affricate consonants 4501
Stevens, K.N. Models for production and acoustics of stop consonants 4549
Stevens, K.N. Models for the production and acoustics of stop consonants 29513
Stevens, N.J., Jones, M.R. Environmentally-induced discharges on solar arrays in geosynchronous orbit 39157
Stevens, P. *see* Mosdale, R. 48110
Stevens, R., Thomas, C.B., Cranton, W.M. Enhancing the brightness of thin-film electroluminescent displays by improving the emission process 46557
Stevens, R. *see* Sherman, J. 46733
Stevens, R.E., Anspach, J.H. New technology overcomes the problems of underground system interferences on power projects 32317
Stevens, R.R., Jr. High-current negative-ion beam transport 46730
Stevenson, A. Which communication technology is best for automation? [of power systems] 7754
Stevenson, A. *see* Gabzdyl, J. 28726
Stevenson, A. *see* Strange, A. 37964
Stevenson, D.A. *see* Robinson, H.G. 2041
Stevenson, D.S. *see* Kiamilev, F. 5671
Stevenson, G.R. *see* Ferrari, A. 15308
Stevenson, G.R. *see* Gabriel, T.A. 31718
Stevenson, J.M., Dyson, J.I. Tubular positive plate batteries with low maintenance systems for electric vehicle applications 48254
Stevenson, J.T.M. *see* Walton, A.J. 2284
Stevenson, R., Ray, D. Market forces and planning by regulation. Conflicts and complementarities 7861
Stevenson, R.L. *see* Schweizer, S.M. 22087
Stevenson, R.M. *see* Bett, T.H. 12315
Stevenson, R.M. *see* Pepler, D.A. 35947
Stevenson, R.M. *see* Taghizadeh, M.R. 12479
Stevenson, T. *see* Robertson, S.A. 11062
Stevenson, T.N. *see* Kamperschroer, J.H. 7128
Stevenson, W. The use of laser triangulation probes in coordinate measuring machines for part tolerance inspection and reverse engineering 6794
Stevenson, W.H. *see* Pracht, J.L. 23886
Stevie, F. *see* Eisenberg, J.H. 34754
Stewart, A. Video on demand now 23332
Stewart, A. Sidestepping the narrowband bottleneck [video services transmission] 45424
Stewart, A. *see* Waring, L.C. 29261
Stewart, C. Jets in the DØ calorimeter 31704
Stewart, C., Yi-Chuan Lu, Larson, V. Vector quantization and learning vector quantization for radar target classification 23091
Stewart, C.M. *see* Okolica, C. 30361
Stewart, C.V. A new random sampling operator for vision 29753
Stewart, C.V., Moghaddam, B., Hintz, K.J., Novak, L.M. Fractional Brownian motion models for synthetic aperture radar imagery scene segmentation 23102
Stewart, D., Olson, T., Ward, B. 0.25 μm X-ray mask repair with focused ion beams 2316
Stewart, D. *see* Hawryluk, A.M. 27824
Stewart, D.B. *see* Rushnok, A.J. 39560
Stewart, D.K. *see* Casey, J.D., Jr. 42716
Stewart, D.M. Does lead have a future? A twenty-year vision 40409
Stewart, E. *see* Raffaelli, L. 30903
Stewart, G. Managing the change from internal service provision to external delivery 37213
Stewart, G. *see* Blue, R. 43485

Stewart, G. *see* Mauchline, I.S. 3136
Stewart, G. *see* Mauchline, I.S. 11672
Stewart, G.W. Updating URV decompositions in parallel 33538
Stewart, H. *see* Kawakami, Y. 20853
Stewart, I.A. *see* Olariu, S. 18040
Stewart, J. *see* Magotra, N. 31980
Stewart, J.A.C. *see* Sancheti, S. 29311
Stewart, J.J.T. *see* Allen, W.J.J. 1735
Stewart, J.T. *see* Yong, Y.-K. 20060
Stewart, K. *see* Brunsvold, W. 11082
Stewart, L. *see* Gimbel, J. 41061
Stewart, M.C. *see* Gleadow, J.C. 47474
Stewart, R. *see* Bailey, B.H. 32793
Stewart, R. *see* Perez, R. 47809
Stewart, R. *see* Stefanakos, E. 48289
Stewart, R.D. *see* Friden, J. 29142
Stewart, R.E. *see* Osterheld, A.L. 43721
Stewart, R.W., Pirie, E., Sweeney, D. A digital signal processing audiometric workstation 24219
Stewart, R.W., Swan, I., Schmid, D. Real world active noise cancellation using a multichannel DSP56001 system 24529
Stewart, T. Fundamentals of service management 37321
Stewart, T.L. *see* Chong, C.K. 27430
Stewen, C. Trends in industrial communications 30502
Steyaert, B., Bruneel, H. Analysis of ATM switching modules with channel grouping in a bursty-source environment 13877
Steyaert, B., Bruneel, H., Xiong, Y. A general relationship between buffer occupancy and delay in discrete-time multiserver queueing models, applicable in ATM networks 5168
Steyaert, B. *see* Xiong, Y. 45281
Steyaert, M., Craninckx, J. 1.1 GHz oscillator using bondwire inductance 34263
Steyaert, M., Crols, J. Switched-capacitor filters driven with very low voltage clock signals 10274
Steyn, B.M., van Wyk, J.D. Modelling and simulation used in studies of electromagnetic compatibility between electronic traction systems and railway signalling systems 48349
Steyn, P., Davidson, D.B. A moment method formulation for electromagnetic radiation and scattering from composite bodies of revolution 44290
Steyn-Ross, D.A. *see* Steyn-Ross, M.L. 24513
Steyn-Ross, M.L., Steyn-Ross, D.A., Smith, P.J., Shepherd, J.D., Reid, J., Tildesley, P. Water vapor correction method for advanced very high resolution radiometer data 24513
Steyskal, H., Mailloux, R.J., Turtle, J.P. EHF active phased array development in the USA 29375
Stezhka, P.N. *see* Bachurin, A.E. 46154
Sthal, F. *see* Cretin, B. 16031
Stichweh, J. Electronic load monitor gives relays exceptional reliability 1678
Stickel, W. *see* Pfeiffer, H.C. 27908
Stickler, A.C. *see* Arpin, L.J. 5409
Stickler, H., Stenkvist, S.-E. The ABB DC arc furnace—a low cost melting/smelting unit 48474
Stieb, W. *see* Moratzky, M. 35346
Stieber, P. *see* Grace, M.P. 44609
Stiebig, H., Bohm, M. Simulation of a-Si:H color sensors for application in intelligent sensor systems 31228
Stiebig, H., Bohm, M. Optimization criteria for a-Si:H nipin color sensors 31237
Stiebler, M., Gotovac, S. A switched-reluctance servo drive 8863
Stiehl, H.S. *see* Ottenberg, K. 21998
Stiehl, W., Kaufer, S. Benchmarking programmable-device architectures 41805
Stiehl, W., Kaufer, S. Benchmarking programmable-device architectures 41868
Stiel, H. *see* Teuchner, K. 15226
Stielau, O.H., Schoeman, J.J., Van Wyk, J.D. A high-performance gate/base drive using a current source 18486
Stiens, J., Vounckx, R., Voronko, A., Shkerdin, G. Integrated mirror optical switch: resonant semiconductor layer integrated in a far-infrared coupled waveguide modulator 3141
Stierle, H. *see* Guillemot, C. 31009
Stierle, H. *see* Pham, H.N. 14807
Stietzel, U. *see* Hirsch, H. 38542
Stieve, F.-E., Hagemann, G., Stender, H.-St. Relationship between medical requirements and technical parameters of good imaging performance and acceptable dose 24160
Stievenard, D. *see* Grandidier, B. 42838
Stiftinger, M., Selberherr, S. An analytical DC- and AC-model for vertical smart power DMOS transistors 2543
Stigter, P.A. *see* Janssen, G.J.M. 45842
Stiles, G.S. *see* Tsai, L.-C. 7619
Stiles, J.M., Sarabandi, K., Ulaby, F.T. Microwave scattering model for grass blade structures 32114
Stiling, P. *see* Jarwala, N. 10570
Still, G.W. *see* Merkel, G. 34490
Still, G.W. *see* Miller, R.B. 34489
Stiller, A. *see* Genz, H. 15271
Stiller, B. *see* Braun, T. 37452
Stiller, J. *see* Mitkowski, E. 25842
Stiller, M.H. *see* Smith, R.C. 8184
Stilling, E. *see* Clausen, M.B. 45775
Stillman, G. *see* Meliopoulos, A.P.S. 25062
Stillman, G.E. *see* Stockman, S.A. 42429
Stilwell, D. *see* Esman, R.D. 44635
Stilwell, G. Improve receiver designs with thermal noise predictions 45759
Stilwell, R.K. *see* Nhan, E. 47204
Stimming, U. *see* Wippermann, K. 17265
Stimpfl-Abele, G. Kink finding in the ALEPH TPC using neural networks 7166
Stimple, J.R. *see* Bailey, D.A. 23485
Stinger, K.R. *see* Buzak, T.S. 23812
Stingl, A., Spielmann, C., Krausz, F., Szipocs, R. Generation of 11-fs pulses from a Ti:sapphire laser without the use of prisms 28796
Stinov, E.D. *see* Glebovsky, V.G. 33717
Stinson, D.B. Implementing multi-threaded test methods with ABET/ATLAS 23430
Stinson, D.R. New general lower bounds on the information rate of secret sharing schemes 21533
Stinson, D.R. Decomposition constructions for secret-sharing schemes 44702
Stinson, W. *see* Kheradpir, S. 30332
Stipanicev, D. Artificial compound eye (fuzzy eye) and its visual signal perception 38550
Stipek, M. *see* Kennedy, M.T. 2994
Stirling, A.J. Electron beams—a new technology in the forest industry 9057
Stirling, G. *see* Hayward, G. 16079
Stitzer, S.N. *see* Adam, J.D. 2857
Stitzer, S.N. *see* Adam, J.D. 42181
Stiurca, D. On the multiphase symmetrical active-R oscillators 41712
Stivala, S. *see* Di Cataldo, G. 1088
Stoa, P. *see* Feng Xu 32179
Stoate, M. Trends in managing the wide area [network] 37329
Stobbe, M., Redmer, R., Schattke, W. Impact ionization rate in GaAs 34521
Stober, R. *see* Tyll, H. 16248
Stock, D.T.M. The block underdetermined covariance (BUC) fast transversal filter (FTF) algorithm for adaptive filtering 21906
Stock, F. *see* Rathmann, F. 6941
Stock, G. *see* Heusinger, P. 41767
Stock, G. *see* Rudolph, M. 48497
Stock, K.D., Hofer, H. Present state of the PTB primary standard for radiant power based on cryogenic radiometry 23375
Stock, M., Fischer, J., Friedrich, R., Jung, H.J., Thornagel, R., Ulm, G., Wende, B. Present state of the comparison between radiometric scales based on three primary standards 23921
Stock, M.L., Mourou, G. Chirped pulse amplification in an erbium-doped fiber oscillator/erbium-doped fiber amplifier system 35758
Stock, M.L., Yang, L.-M., Andrejco, M.T., Fermann, M.E. Synchronous mode locking using pump-induced phase modulation 3483
Stock, M.L. *see* Fermann, M.E. 20756
Stock, R. *see* Bachler, J. 46915
Stock, R. *see* Bachler, J. 46934
Stock, R. *see* Baechler, J. 46909
Stock, R. *see* Govaert, K. 31556
Stock, T., Tran-Gia, P. Basic concepts and performance of high-speed protocols 13919
Stockdale, I. *see* Abe, K. 7260
Stockdale, I. *see* Abe, K. 15619
Stockdale, I. *see* Abe, K. 46930
Stockdale, R.B. Flowmeter evolution not waiting for fieldbus 14976
Stockdale, R.B. Integrated systems boost level measurement standards 15243
Stockel, B. Quasi-optical measurement of complex dielectric constant at 300 GHz 6737
Stockeler, F. *see* Thomann, W. 1440
Stocker, A.D. *see* Kendall, W.B. 31296
Stocker, A.D. *see* Lucke, R.L. 4616
Stocker, A.D. *see* Yu, X. 4874
Stocker, K.E. *see* Landstorfer, F.M. 4310
Stockers, W. *see* Groller, E. 4457
Stockham, T.G. *see* Rodriguez, M.A. 31268
Stockham, T.G., Jr. *see* Kern, R.S. 29756
Stockhorst, H. *see* Brittner, P. 7066
Stockhorst, H. *see* Dietrich, J. 7097
Stockley, J. *see* Sharp, G. 20410
Stockman, B. Global connectivity—the Global Internet eXchange (GIX) 14109
Stockman, S. *see* Bowick, J.W. 45429
Stockman, S.A., Stillman, G.E. Hydrogen in III-V device structures 42429
Stockmann, A. *see* Kleinschnittger, F. 9329
Stockmann, W.-J. *see* Frank, H.-P. 42626
Stockmeier, T. *see* Bauer, F. 32965
Stockmeier, T. *see* Dammann, M. 2551
Stocks, N.G. *see* Dykman, M.I. 21707
Stocks, N.G. *see* Dykman, M.I. 41711
Stockton, D. *see* Griffioen, W. 3002
Stockum, F.R. Simulation of the nonlinear thermal behavior of metal oxide surge arresters using a hybrid finite difference and empirical model 47582
Stockwell, W., Yvon, D., Aubourg, E., Barnes, P.D., Jr., Cummings, A., Da Silva, A., Ellman, B., Ross, R.R., Sadoulet, B., Shutt, T., Smith, G., Stubbs, C., Wang, N., White, S., Young, B.A. Low noise front end electronics for dilution refrigerator experiments 18495
Stockwell, W. *see* Aubourg, E. 19925
Stockwell, W. *see* Young, B.A. 24033
Stoddard, R.J. A second-generation ASIC provides control and drive for thermal ink-jet print heads 41678
Stoddart, A.J. Topology and deformable surfaces 45165
Stoddart, S.T., Geim, A.K., Bending, S.J., Harris, J.J., Peck, A.J., Ploog, K. Giant temperature resonances of noise in submicron quantum well structures 42510
Stodolsky, L. *see* Colling, P. 20190
Stodolsky, L. *see* Frank, M. 24026
Stodolsky, L. *see* Nagel, U. 24049
Stodulski, M. *see* Adam, W. 7259
Stodulski, M. *see* Adam, W. 31715
Stodulski, M. *see* Adam, W. 46929
Stoehr, M., Maurin, M., Hamdani, F., Lascaray, J.P., Barbusse, D., Fraisse, B., Fourcade, R., Abraham, P., Monteil, Y. Determination of residual strain by reflectivity, X-ray diffraction and Raman spectroscopy in ZnSe epilayers grown on GaAs(001), InP(001) and GaSb(001) by metal-organic vapor phase epitaxy 9645
Stoeldraijer, J.M.D. *see* van den Brink, M.A. 19677
Stoemenos, J. *see* Bonnel, M. 42954
Stoemenos, J. *see* Carluccio, R. 9686
Stoemenos, J. *see* Crean, G.M. 10758
Stoemenos, J. *see* Tsoukalas, D. 10775
Stoeppelwerth, P. Stack monitoring of flue gases using local PC and remote DCS 16655
Stoetzer, M.W. Electronic messaging services in Germany: a survey 30346
Stoev, K.N. *see* Simova, E.S. 12433
Stoffa, P. *see* Cambois, G. 15976
Stoffel, A. *see* Huster, R. 27709
Stoffel, G. *see* Alrutz, H. 6205
Stoffel, N.G. *see* Kieslich, A. 27652
Stoffers, C. *see* Muller, K. 38278
Stoffers, C. *see* Reventlow, C.v. 38303
Stoffler, W. *see* Mann, K. 3749
Stoft, S. *see* Kahn, E. 24744
Stoger, H. Other cable techniques 16327
Stogne, V.G., Panov, M.Ya. Description of transients in power installations caused by starting of electric drives 9063
Stognii, V.S., Butkevich, A.F., Kirilenko, A.V., Levitskii, I.G. Hybridization of mathematical and specialist systems as a method of improving control technologies in electric power engineering 32256
Stognii, V.S., Selekhman, N.N., Tankevich, E.N., Sinyakova, A.M. Mathematical model of electromagnetic processes in current-measuring transducers and determination of their characteristics 31169
Stogsdill, E. *see* Madden, N. 38943
Stohr, A., Humbach, O., Zumkley, S., Wingen, G., David, G., Jager, D., Bollig, B., Larkins, E.C., Ralston, J.D. InGaAs/GaAs multiple-quantum-well modulators and switches 28509
Stohr, E., Bhandare, P., Peura, R.A., Mendelson, Y. Quantitative FTIR spectrophotometry of cholesterol and other blood constituents and their interference with the in-vitro measurement of blood glucose 38977
Stohr, E. *see* Bhandare, P. 38976
Stoia, D., Ilea, D., Georgescu, M. Design of shell-type DC motors for incremental motion 40244
Stoian, L.L., Lacanette, K. Specifications and architectures of monolithic ADCs 10225
Stoica, A., Moses, R., Stoica, P. Enforcing positiveness on estimated spectral densities 13201
Stoica, A. *see* Neacsu, D.O. 16966
Stoica, P., Handel, P., Soderstrom, T. Approximate maximum likelihood frequency estimation 21823
Stoica, P., Soderstrom, T. On the constrained MUSIC technique 21724
Stoica, P., Soderstrom, T., Van Huffel, S. On the equivalence of SVD and TLS based Yule-Walker approaches to frequency estimation 13249
Stoica, P., Viberg, M., Ottersten, B. Instrumental variable approach to array processing in spatially correlated noise fields 36759
Stoica, P. *see* Handel, P. 29742
Stoica, P. *see* Kangas, A. 44892
Stoica, P. *see* Moses, R.L. 29694
Stoica, P. *see* Stoica, A. 13201
Stoica, P. *see* Viberg, M. 29617
Stojadinovic, N. *see* Pavlovic, Z. 2544
Stojadinovic, N. *see* Stamenkovic, Z. 9321
Stojanoff, C.G. *see* Wagemann, E.U. 40466
Stojanovic, M., Catipovic, J., Proakis, J.G. Adaptive multichannel combining and equalization for underwater acoustic communications 13953
Stojanovic, N. *see* Nikolic, Z. 44638
Stojcev, M.K., Milovanovic, I.Z., Milovanovic, E.I., Kovacevic, M.A., Mihajlovic, M.D. Inversion of BBD matrices on linear array processor 33819
Stojcev, M.K. *see* Georgijev, Z.M. 33972
Stojkovic, I. *see* Benedicto, J. 37739
Stojkovic, Z. *see* Savic, M. 40381
Stojsavljevic, M. *see* Mehmedovic, M. 24617
Stok, L. False loops through resource sharing [logic CAD] 26868
Stok, R.W. *see* Liefrink, F. 19361
Stok, R.W. *see* Liefrink, F. 19362
Stoke, H. *see* Masse, D. 38841

Stokely, E.M. *see* Allen, R.L. 44978
Stokes, A. *see* Khachen, W. 24408
Stokes, A.D. *see* Wolny, A. 32950
Stokes, A.N., Suthar, J.L., Laghari, J.R., Sarjeant, W.J. Lifetime characteristics of electrically and thermally preaged polypropylene films 43207
Stokes, C.A. *see* French, M.J. 25433
Stokes, D.M. *see* Amphlett, J.C. 25666
Stokes, K., Bigger, J. Reliability, cost, and performance of PV-powered water pumping systems: a survey for electric utilities 25982
Stokes, K. *see* Chowdhury, B.H. 32794
Stokes, L.F. Accurate measurement of reflectivity over wavelength of a laser diode antireflection coating using an external cavity laser 12100
Stokes, L.F. Coupling light from incoherent sources to optical waveguides 35327
Stokes, L.F. *see* Trutna, W.R., Jr. 20772
Stokes, P. *see* Sole, P. 21610
Stokes, R.B., Crawford, J.D. X-band thin film acoustic filters on GaAs 19124
Stokes, W. *see* Ahmed, T. 38929
Stokich, T. *see* Langhoff, C.A. 2929
Stoklosa, M. *see* Fayette, D.F. 9269
Stoksik, M.A., Lane, R.G., Nguyen, D.T. Accurate synthesis of fractional Brownian motion using wavelets 44822
Stola, L. *see* Dellagiacoma, G. 37868
Stolbetsov, S.D. *see* Sinelshikov, A.V. 27423
Stoldt, M. *see* Bauerle, P. 26528
Stoldt, M. *see* Geiger, F. 43662
Stolen, J. *see* Lee, H. 30427
Stolen, R.H. *see* Islam, M.N. 12352
Stolen, R.H. *see* Kim, K.S. 35413
Stolen, R.H. *see* Krol, D.M. 3770
Stolitzka, D., Dawson, W.S. When is it intelligent to use a smart battery? 40452
Stolka, M. *see* Antoniadis, H. 42554
Stoll, B. *see* Behet, M. 41257
Stoll, H.G. *see* Chase, D.L. 8196
Stoll, H.G. *see* Garrity, T.F. 7904
Stoll, L. *see* Acklin, B. 35484
Stoll, L. *see* Ebberg, A. 6063
Stoll, L. *see* Muller, G. 35476
Stoll, M.P. *see* Sobrino, J.A. 32097
Stoll, R.L., Hanson, D.J. Modelling tooth-ripple losses in the solid pole faces of synchronous machines using reversible permeability 8332
Stoll, S. *see* Anderson, D.F. 46870
Stoll, S. *see* Woody, C.L. 7253
Stollenwerk, F. Reception observations of HD-MAC transmissions from the Summer Olympics 1992 23309
Stollenwerk, H. *see* Bechstedt, U. 6934
Stoller, R.A., Wedding, D.K., Friedman, P.S. State-of-the-art for large area high resolution gray scale and full color AC plasma flat panel displays 38621
Stolov, E.L. Programmable logic arrays exhaustive testing and signature analysis 18674
Stolt, L. *see* Rockett, A. 40470
Stolte, R., Ulrich, R. Er-fibre lasers: suppression of spatial hole burning by internal modulation 3531
Stoltz, B., Dasler, M., Walz, J., Sahlen, O. Length optimization of DBR lasers 35795
Stoltz, B. *see* Granestrand, P. 35501
Stoltz, B. *see* Ojala, P. 35488
Stoltz, B. *see* Weber, J.-P. 38077
Stolupin, V.A. *see* Bertin, A. 31795
Stolyarevskii, A.Ya. *see* Grebennik, V.N. 39837
Stolz, C.J., Taylor, J.R., Eickelberg, W.K., Lindh, J.D. Effects of vacuum exposure on stress and spectral shift of high reflective coatings 3295
Stolz, C.J. *see* Chow, R. 3293
Stolz, C.J. *see* Taylor, J.R. 28929
Stolz, W. *see* Bertram, D. 41346
Stolz, W. *see* Friedrich, M. 15334
Stolz, W. *see* Lutgen, S. 9644
Stolz, W. *see* Marschner, T. 9647
Stolzel, C., Siegel, M., Adrian, G., Krimmer, C., Sollner, J., Wilkens, W., Schulz, G., Adrian, H. Transport properties of $YBa_2Cu_3O_{7-\delta}/Y_{0.3}Pr_{0.7}Ba_2Cu_3O_{7\delta}$ - $_{\delta}/YBa_2Cu_3O_{7-\delta}$ Josephson junctions 11529
Stolzenberger, R.A. *see* Loiacono, G.M. 21003
Stone, A., Barnes, M. Analysis of a CHP plant 39920
Stone, A.D. *see* Baranger, H.U. 42492
Stone, A.G. *see* Rahmani, S. 24441
Stone, A.P. *see* Baum, C.E. 42158
Stone, D., Bonacina, S. Kapton insulation for high-performance traction motors 25888
Stone, D. *see* Mayr, H.-P. 48360
Stone, D.A., Smith, J.S., Lucas, J. Sensor automated frontface weldbead area control 31314
Stone, D.L. *see* Jeffay, K. 13960
Stone, D.R. *see* Ohfuji, T. 11066
Stone, D.R. *see* Ohfuji, T. 27945
Stone, G. *see* Rivard, W.G. 18899
Stone, G.C. The statistics of aging models and practical reality 20054
Stone, G.M., Rothenheber, E. Advanced scientific detection of deception—ERP augmented polygraphy 7437
Stone, H.S. *see* Li, C.-S. 10583
Stone, H.S. *see* Stone, J.M. 45350
Stone, J., Hu, P., Goldstone, J., Jones, K. Dispersion and anisoplanatic effects from the atmospheric density gradient 29192
Stone, J. *see* Santoro, M.A. 5684
Stone, J.B. *see* Rao, M. 6340
Stone, J.J. *see* Soloff, J.M. 45159
Stone, J.J. *see* Wilkinson, J.H. 46203
Stone, J.L. Photovoltaics: unlimited electrical energy from the sun 11839
Stone, J.M., Stone, H.S., Heidelberger, P., Turek, J. Multiple reservations and the Oklahoma update 45350
Stone, J.P. *see* Cover, R.A. 20929
Stone, J.R. Shielded aircraft cabling importance of verifying capacitance 24419
Stone, J.R., Peecook, K.M., Sovey, J.S. NASA's nuclear propulsion technology project 7558
Stone, M.A. *see* Moore, B.C.J. 24358
Stone, P.J.W. *see* Miller, L.S. 44117
Stone, R. *see* Thompson, P. 23787
Stone, R.V., Hessenbruch, J. Data/knowledge base processing on an ODVM platform 11787
Stone, R.V. *see* Guilfoyle, P.S. 3257
Stone, S. *see* DiSessa, P. 265
Stone, S.J., Blanco, M.A., Retis, C.E., Studnicka, B. Design of an integrated control and information system for Eastlake Units 3 and 4 32702
Stone, T.W., Battiato, J.M. Optical array generation and interconnection using birefringent slabs 35526
Stone, W.R. A systems perspective of using reciprocal pointing and tracking to reduce pointing and propagation limitations for optical and RF communications 12608
Stoner, J.O., Jr. Acoustic measurement of areal densities of unsupported thin foils 15201
Stones, R.H., Webb, P.J. The application of acoustic pyrometry to gas temperature measurement and mapping 46662
Stonham, T.J. *see* Asirvatham, D. 10385
Stonham, T.J. *see* Patel, D. 13766
Stonham, T.J. *see* Patel, D. 30066
Stonham, T.J. *see* Rickman, R.M. 22205
Stonkus, D.J. *see* Anandakumaran, K. 16546
Stopa, M. *see* Ishibashi, K. 27534
Stopa, Z. *see* Adam, W. 7259
Stopa, Z. *see* Adam, W. 31715
Stopa, Z. *see* Adam, W. 46929
Stoppini, G. *see* Messina, G. 15332
Stor-Pellinen, J. *see* Hietanen, J. 16068
Stor-Pellinen, J. *see* Hietanen, J. 24533
Storaasli, O. *see* Gupta, V. 41216
Storaasli, O.O. *see* Qin, J. 41215
Storbeck, C. *see* Honl, R. 44431
Storer, D.M. *see* Frank, W.A. 41042
Storer, J.A. *see* Constantinescu, C. 4838
Storer, J.A. *see* Lin, J. 4395
Storer, J.A. *see* Royals, D.M. 1254
Storer, J.A., Cohn, M. *(editors)* DCC '93. Data Compression Conference (Cat. No.93TH0536-3) 5
Storer, R.H. *see* Ahmad, I. 10037
Storey, A.B. *see* Miller, G.L. 24710
Storey, H., Patterson, B.K., Francis, D. Point Lepreau's local area network based station control, computer and generic monitoring system. Live and historical plant data collection and distribution system 8055
Storey, J.W.V., Lloyd, J.P. A radiotelescope for undergraduate teaching 33259
Storey, J.W.V. *see* Unewisse, M.H. 46509
Storey, R. *see* Drewery, J.O. 31018
Stork, J. *see* Crabbe, E. 19072
Stork, J.M.C. *see* Arienzo, M. 11161
Stork, J.M.C. *see* Crabbe, E.F. 11146
Stork, J.M.C. *see* Verdonckt-Vandebroek, S. 35007
Storkfelt, N. *see* Mikkelsen, B. 38129
Storm, M.E. *see* Koch, G.J. 3478
Storm, R.F. Optimizing combustion in boilers with low-NO_x burners 25199
Storm, W., Wolany, D., Schroder, F., Becker, G., Burkhardt, B., Wiedmann, L., Benninghoven, A. Analysis of stoichiometry and oxide growth of HF treated GaAs (100) by X-ray photoelectron spectroscopy and time-of-flight secondary ion mass spectrometry 42671
Storm, W.F. *see* Neville, K.J. 15943
Stormbom, L. *see* Abe, K. 2996
Storment, C. *see* Martinoia, S. 7427
Stormer, H.L., Dingle, R., Gossard, A.C., Wiegmann, W., Sturge, M.D. Two-dimensional electron gas at a semiconductor-semiconductor interface 27514
Storoshchuk, O.L. *see* Hodaie, P. 36185
Storti-Gajani, G. *see* Distante, F. 18925
Storz, F. *see* Kiely, P.A. 43026
Stossel, Z. *see* Riedel, F. 15007
Stothard, B.P. *see* Rodriguez-Tellez, J. 11244
Stothard, B.P. *see* Tellez, J.R. 28204
Stotskaya, I.M. *see* Stotskii, A.A. 29188
Stotskii, A.A., Stotskaya, I.M. Analysis of tropospheric pathlength fluctuations using geostationary satellite observations 29188
Stott, G.F. Digital modulation for radar jamming 39439
Stott, J.R.R. *see* Viveash, J.P. 47195
Stottinger, K. Enabling open systems—IT testing 37533
Stoudt, D.C. *see* Brinkmann, R.P. 28635
Stoudt, D.C. *see* Mazzola, M.S. 28632
Stoughton, J.W. *see* Zuckerwar, A.J. 31863
Stoughton, P. *see* Rauen, K.L. 14969
Stoukides, M. *see* Alqahtany, H. 17152
Stouraitis, T. Performance evaluation of BIN/ABIN networks in buffered/unbuffered packet-switched environments 37061
Stouraitis, T., Kim, S.W., Skavantzos, A. Full adder-based arithmetic units for finite integer rings 26849
Stout, K.J. *see* Dong, W.P. 31465
Stout, K.J. *see* Hong Wei 38674
Stout, K.J. *see* Luo, N.L. 31441
Stout, K.J. *see* Mainsah, E. 31418
Stout, K.J. *see* Mainsah, E. 31474
Stout, K.J. *see* Wei Li 31438
Stovall, R. *see* Lee, H. 45016
Stover, D. *see* Jansen, H. 33017
Stover, D. *see* Li, Z. 17264
Stover, D. *see* Wippermann, K. 17265
Stover, J.C. *see* Rudberg, D.A. 6789
Stoyanov, A.J. *see* Stoyanov, Y.J. 14693
Stoyanov, D.V. *see* Gurdev, L.L. 14711
Stoyanov, Y.J., Sekellick, M.A., Stoyanov, A.J. Isolation of the traveling wave contribution in the RCS pattern of flat plates 14693
Stoykova, E. *see* Nenchev, M. 12287
Straat, F.Van der *see* Van der Straat, F.
Stracca, G.B. *see* Macchiarella, G. 27170
Stracca, G.B. *see* Sorrentino, R. 17752
Strachan, D.E. *see* Foster, B. 31714
Strachotinsky, C. *see* Hua, J. 39125
Strack, H., Lam, K.-Y. Context-dependent access control in distributed systems 22606
Strack, R., Blum, C., Duce, D., Sutcliffe, D., Garcia, N., Perez-Luque, M.J., Moeller, E. Image Communication Open Architecture 45621
Stradins, P. *see* Nakayama, Y. 28610
Stradling, R.A. *see* Tan Le 42528
Stradling, S.G. *see* Skitmore, R.M. 40862
Strait, J. *see* Wake, M. 15366
Straka, J., Klokocnik, J., Grassl, H. Navigation of satellite measurements without ground control points 6162
Stralen, M.J.N.van *see* van Stralen, M.J.N.
Strand, T.A. *see* Mui, D.S.L. 27744
Strandberg, J. *see* Hodges, C.R. 334
Strandberg, J. *see* Shao-Fang Gong 17901
Strandberg, R.H., Soderstrand, M.A., Loomis, H.H. Elimination of narrow-band interference using adaptive sampling rate notch filters 29608
Strandem, A. *see* Jansson, B. 47490
Strane, J.W., Edwards, W.J., Mayer, J.W., Stein, H.S., Lee, S.R., Doyle, B.L., Picraux, S.T. Metastable SiC and SiGeC alloys by carbon implantation and solid phase epitaxy 33664
Strane, J.W., Stein, H.J., Lee, S.R., Doyle, B.L., Picraux, S.T., Mayer, J.W. Metastable SiGeC formation by solid phase epitaxy 9513
Strane, J.W. *see* Purser, R.G. 34845
Strange, A., Arambepola, S.L., Flavin, A.J., Stevenson, A. SDH for the fixed satellite service 37964
Strangeways, H.J. Appleton's magneto-ionic theory and the Lorentz polarisation term 36206
Strano, F. *see* Caruso, M.G. 14543
Strano, F. *see* Santo, L. 22971
Stransky, R. *see* El-Kholi, A. 28027
Strassberg, D. Fast, single-shot DSOs take varied design approaches 6673
Strassberg, D. Boundary-scan testing 26160
Strassberg, D. In >50-MHz digital design, measurements are a must 31130
Strassberg, D. Cooling hot microprocessors 34098
Strasser, K. *see* Prechtl, A. 3985
Strasser, T.A., Gupta, M.C. Integrated optic grating-coupler-based optical head 35441
Strasser, T.A., Wei Yung Hsu, Gupta, M.C. Grating coupler acceptance design utilizing a tapered waveguide structure 11637
Stratfold, M., Laurillard, D. Towards a new grammar of multimedia 38347
Stratford, J. A fieldbus for controller drives 37396
Strattan, R. *see* Durham, M.O. 7908
Stratton, D.A., Stengel, R.F. Robust Kalman filter design for predictive wind shear detection 24411
Stratton, L.A. *see* Slaght, S.J. 23449
Stratton, R.P. *see* Pugh, A.C. 28466
Stratton, W.M., III, Cribb, R.M. Flexible metallized fabric shielding tapes 29214
Stratz, G. *see* Fejes, L. 25221
Straub, G. *see* Schurch, R. 32516
Straube, H. *see* Brechtken, D. 17815
Straube, O. Acoustic emission analysis on deep-drawing tools 16076
Straumann, U. *see* Eichenberger, S. 38928
Straus, D. *see* Charoy, A. 12635
Strauss, H.L. *see* Cho, H.-G. 12323
Strauss, L. *see* Roth, D.R. 34065
Strauss, R. Orbital performance of communication satellite microwave power amplifiers (MPAs) 5845
Strauss, S.D. Water treatment [power stations] 8137
Strauss, S.D. Safe handling, economics: driving forces in radwaste management 47652
Strauss, T. *see* Dunn, C. 34079
Stravers, P. *see* Groeneveld, P. 10118
Straw, A. *see* Arikan, M.C. 19897
Strayer, M.R. *see* Bottcher, C. 23225
Streater, T.C. *see* Cottrell, R.L.A. 45507
Streb, L.M. *see* Pulat, B.M. 415

Strebel, B. *see* Bruan, R.-P. 30576
Strebez, D.S. *see* Torchigin, V.P. 11766
Strebezh, D.S. *see* Torchigin, V.P. 11746
Strecker, W., Franzreb, M., Gerber, J., Rosenheimer, M., Kinzl, L. Intraoperative pressure measurement using a microtip intramedullary probe 47031
Street, A.M., Jenkins, A.P., Edwards, D.J. Time delay spread profile measurement using a spread spectrum off-line correlation technique 30612
Street, A.M. *see* Al-Raweshidy, H.S. 30809
Street, A.M. *see* Jenkins, A.P. 22962
Street, H. *see* Halbleib, L. 48049
Street, R. *see* Ding, J. 28391
Street, R.A. Physics of a-Si:H p-i-n devices 28088
Street, R.A., Jackson, W.B., Hack, M. Comparison of current and light induced defects in a-Si:H 27493
Street, R.A., Weisfield, R., Nelson, S., Nylen, P., Wu, X.D. Page sized a-Si:H 2-dimensional imaging arrays 31306
Street, R.A. *see* Antonuk, L.E. 31300
Street, R.A. *see* Antonuk, L.E. 31909
Street, R.A. *see* Nebel, C.E. 27500
Street, R.A. *see* Nebel, C.E. 34534
Street, R.A. *see* Nebel, C.E. 34787
Street, R.A. *see* Santos, P.V. 34897
Street, R.A. *see* Yorkston, J. 31301
Street, R.A. *see* Yorkston, J. 31321
Streetman, B.G. *see* Eyink, K.G. 33603
Streetman, B.G. *see* Huffaker, D.L. 44022
Streetman, B.G. *see* Sadra, K. 34574
Streetman, B.G. *see* Sadra, K. 43636
Streetman, B.G. *see* Srinivasan, A. 38489
Streets, K. The DØ inter-cryostat detector, massless gaps and missing E_T resolution 31705
Strefezza, M., Dote, Y. Fuzzy neural position controller for servomotor 8465
Strefezza, M., Dote, Y. Radial basis neural network adaptive controller for servomotor 16910
Strefezza, M. *see* Dote, Y. 17488
Strege, A.F. Developing global wireless systems for PCS 37839
Streibl, I. *see* Gort, J.E. 5836
Streibl, N. *see* Heissmeier, M. 35460
Streibl, N. *see* Krackhardt, U. 36079
Streibl, N. *see* Schwider, J. 12457
Streibl, N. *see* Schwider, T. 28669
Streibl, N. *see* Sheridan, J.T. 23646
Streibl, N. *see* Volkel, R. 3374
Streibl, N. *see* Volkel, R. 10588
Streicher, J., Munkel, C., Borchardt, H. Trial of a slant visual range measuring device 39381
Streicher, V. Monitoring and diagnostic systems [for nuclear power stations] 39805
Streiff, F. *see* Drtina, P. 32717
Streiffert, D.L. *see* Li, C.-a. 24608
Streilein, A. *see* Beyer, H.A. 23701
Streit, D. *see* Winters, W.E. 2582
Streit, D.C. *see* Chen, C.H. 1612
Streit, D.C. *see* Jogai, B. 42471
Streit, D.C. *see* Kobayashi, K.W. 1592
Streit, D.C. *see* Kobayashi, K.W. 2890
Streit, D.C. *see* Kobayashi, K.W. 10501
Streit, D.C. *see* Kobayashi, K.W. 19119
Streit, D.C. *see* Lai, R. 19048
Streit, D.C. *see* Lai, R. 27284
Streit, D.C. *see* Lo, D.C.W. 1638
Streit, D.C. *see* Meng, C.C. 1504
Streit, D.C. *see* Pospieszalski, M.W. 1528
Streit, D.C. *see* Wang, H. 1580
Streit, D.C. *see* Wang, H. 1606
Streit, P. High power reverse conducting GTO 2500
Strekalov, V.A. *see* Alebastrov, V.A. 39388
Strekalovskii, A.S. Extremal problems on complements of convex sets 572
Strelkov, M. *see* Efimov, S. 15384
Strelkov, M. *see* Gladkikh, P. 15400
Strelkov, M. *see* Gladkikh, P. 15562
Strelkov, M. *see* Zelinsky, A. 7037
Strelkov, P.S. *see* Kuzelev, M.V. 34476
Strelkova, G.G. *see* Ganefeld, R.W. 25728
Streloubov, H. *see* Kenyon, D.A. 30662
Streltsov, A.A. *see* Riskiev, T.T. 33761
Stremsdoerfer, G. *see* Queau, E. 26468
Streubel, K. *see* Nilsson, S. 28864
Streubel, K. *see* Oberg, M. 28686
Streubel, K. *see* Oberg, M. 43929
Streuf, M. *see* Felgenhauer, R. 6520
Streutker, G., Pruijmboom, A., Klaassen, D.B.M., Slotboom, J.W. Thermionic emission limited recombination in phosphorus-implanted polysilicon emitters 11172
Strezhnev, S.A. *see* Martsinovskii, V.A. 14662
Strezhnev, S.A. *see* Sanchugova, N.S. 12451
Striby, S. *see* Guimbal, P. 43975
Striby, S. *see* Joly, S. 44009
Strick, L., Cochrane, D. A framework for defining service management reference configurations 37297
Strick, L., Meinkohn, J., Cochrane, D. ODP—a framework for defining service management reference 37345
Stricker, M.A. *see* Swain, M.J. 13584
Strickland, B.R., Audeh, N.F. Numerical analysis technique for diode-loaded dipole antennas 36374
Strickland, D.T., Payonk, R.J. The Destec coal gasification process: a progress update 8219
Strickland, E. *see* Cathell, F. 47980
Strickland, P.C. Power deposition properties of a travelling-wave applicator for interstitial hyperthermia 24334
Strickland, R.N. *see* Ford, R.M. 22095
Strickland, R.N. *see* Ford, R.M. 29985
Strickler, J.H., Webb, W.W. 3-D Optical data storage by two-photon excitation 11572
Stricklett, K.L., Weidenheimer, D.M., Pereira, N.R., Judy, D.C. Electrical breakdown in transformer oil in large gaps [Aurora accelerator] 43187
Strickman, M.S. *see* Johnson, W.N. 7147
Striebel, K.A., McLarnon, F.R., Cairns, E.J. Laboratory-scale evaluation of secondary alkaline zinc batteries for electric vehicles 25889
Striffler, C.D. *see* Granatstein, V.L. 6871
Striffler, C.D. *see* Lawson, W. 6872
Strifors, H.C., Abrahamsson, S., Brusmark, B., Gaunaurd, G.C. Bistatic scattering by a spherical dielectric target illuminated by an electromagnetic pulse 23084
Strifors, H.C., Gaunaurd, G.C., Abrahamsson, S., Brusmark, B. Scattering of short EM-pulses by simple and complex targets in the combined time-frequency domain using impulse radar 23176
Strifors, H.C. *see* Gaunaurd, G.C. 46045
Strigin, M.B., Chudinov, N. Cutting of glass by picosecond laser radiation 36093
Strigin, M.B. *see* Zel'dovich, B.Ya. 12495
Strik, W.K., Lehmann, D. Data-determined window size and space-oriented segmentation of spontaneous EEG map series 31912
Strikha, V.I. *see* Vetrov, A.P. 27564
Strinadko, M.T. *see* Angelskii, O.V. 21098
Stringer, A. *see* Kemp, R.C. 7959
Stringer, E., Smit, E.F.J. A 60 GHz transmission experiment in the Netherlands 14445
Stringer, M.R. *see* Hudson, E.J. 7501
Stringfellow, B.C. *see* Hanger, J.A. 31668
Stringfellow, G.B. *see* Huang, K.T. 41273
Stringfellow, G.B. *see* Shin, J. 704
Stringfellow, G.B. *see* Su, L.C. 41291
Stringfellow, K. *see* Loftus, P. 7525
Stringfellow, S.B. *see* Whatmore, R.W. 28303
Stringfield, R.M. *see* Fazio, M.V. 19303
Stringfield, R.M. *see* Kato, K.G. 19304
Stringham, D. *see* Fleischer, K.R. 39454
Strintzis, M. *see* Stamkopoulos, T. 24311
Strintzis, M.G. *see* Kotropoulos, C. 39016
Strintzis, M.G. *see* Tzovaras, D. 45083
Stritar, A., and Mavko, B. Under fire? Krsko considers the military threat 8052
Stritar, A. *see* Leskovar, M. 39877
Stritar, A. *see* Marn, J. 39828
Stritar, A. *see* Prosek, A. 39874
Strite, S. *see* Lin, M.E. 2925
Strnad, A. Electromagnetic compatibility for electric power supply installations 8682
Strobach, P. A generalization of McWhirter's formulas 4619
Strobach, P. Doubly normalized Schur RLS lattice filter and CORDIC array architecture 13435
Strobele, H. *see* Bachler, J. 46934
Strobl, J. *see* Zimmerl, L. 25050
Strode, J. *see* Bossart, R. 7139
Stroele, A.P. Self-testing scheduling with bounded test execution time 246
Stroele, A.P. Partitioning and hierarchical description of self-testable designs 34019
Stroev, V.A. *see* Litkens, I.V. 24814
Stroev, V.A. *see* Rokotayan, I.S. 24813
Strogarov, D.D. *see* Tzanov, V.A. 22582
Strogatz, S.H. *see* Cuomo, K.M. 29660
Strogatz, S.H. *see* Cuomo, K.M. 45406
Stroh, R.J., Plais, F., Kretz, T., Legagneux, P., Huet, O., Magis, M., Pribat, D., Jiang, N., Hugon, M.C., Agius, B. Low-temperature (≤600°C) polysilicon thin-film transistors 34952
Strohal, J. *see* Bopp, M. 14768
Strohm, K. *see* Jorke, H. 1881
Strohman, C.R. *see* Bebek, C.J. 31786
Stroili, R. *see* Gasparini, F. 46980
Stroiwas, A.J. *see* Lucas, K.D. 2340
Strojwas, A. *see* Majkusiak, B. 10778
Strojwas, A.J. *see* Kumashiro, S. 989
Strojwas, A.J. *see* Michaels, K.W. 26596
Strokach, A.P., Afanasiev, Yu.V., Vakhrushin, Yu.P., Vorogushin, M.F., Grigorenko, S.V., Svistunov, Yu.A., Efremov, D.V. H^--ion beam injector for RFQ linac 46701
Strokan, N. *see* Li, Z. 7189
Strokan, N. *see* Verbitskaya, E. 24077
Strokan, N.B. *see* Verbitskaya, E.M. 46859
Stroke, H.H. *see* Zhou, J.W. 6499
Strokov, V.V. *see* Senderskii, V.A. 22768
Strolin, P. *see* Buontempo, S. 31696
Strollo, A.G.M. *see* Fratelli, L. 17066
Strollo, A.G.M. *see* Lirer, G. 17057
Strollo, A.G.M. *see* Persiano, G.V. 2590
Strollo, A.G.M. *see* Spirito, P. 43013
Strom, B.D., Bogy, D.B., Walmsley, R.G., Brandt, J., Singh Bhatia, C. Gaseous wear products from perfluoropolyether lubricant films 2819
Strom, D. *see* Arodzero, A. 7256
Strom, D.M. Silicon luminosity monitors 23966
Strom, E. *see* Taylor, F.J. 21832
Strom, E.G., Parkvall, S., Ottersten, B.E. Near-far resistant propagation delay estimators for asynchronous direct-sequence code division multiple access systems 45304
Strom, S. *see* He, S. 4090
Strom-Olsen, J.O. *see* Ciureanu, P. 6464
Stromberg, J., Franck, P.-A. Gas turbines in industrial CHP applications—assessment of economics 47781
Stromberg, J.-E., Soderman, U., Top, J. Bond graph supported estimation of discretely changing parameters 18845
Stromberg, J.-E., Top, J., Soderman, U. Variable causality in bond graphs caused by discrete effects 18028
Stromswold, E.I., Pratt, R.E., Quesnel, D.J. Capillary soldering system for the material property characterization of solder joints 9245
Stronach, F. *see* Vas, P. 40564
Strong, A. *see* Schonfelder, V. 7146
Strong, A.W., Stamper, A.K., Bolam, R.J., Furukawa, T., Gow, C.J., Gow, T.R., Martin, D.W., Mittl, S.W., Nakos, J.S., Pennington, S.L. Gate dielectric integrity and reliability in 0.5-μm CMOS technology 35083
Strong, D.C. *see* Kern, R.S. 29756
Strong, J. *see* Green, B. 46985
Stronisch, V. *see* Schutze, T. 8950
Stronisch, V. *see* Tietze, C. 25883
Stroppiana, M., Zenoni, N. Digital TV signal coding: concealment of residual channel errors 14776
Stroscio, M.A. *see* Grubin, H.L. 11251
Strosnider, J.K. *see* Sathaye, S.S. 45579
Strossman, W. *see* Anderson, G. 38901
Stroud, C.E., Barbour, A.E. Testability and test generation for majority voting fault-tolerant circuits 1142
Stroup, K. Quest for improving LPCVD vacuum pump operation 33689
Strub, R. *see* Adam, W. 46929
Strubbe, K., Gomes, W.P. Bromine-methanol as an etchant for semiconductors: a fundamental study on GaP. I. Etching behavior of n- and p-type GaP 2161
Strubbe, K., Gomes, W.P. Bromine-methanol as an etchant for semiconductors: a fundamental study on GaP. II. Interaction between chemical and anodic etching of p-type GaP 2162
Strubin, P. *see* Bojon, J.-P. 15310
Struble, W. *see* Pla, J.A. 1537
Struble, W. *see* Platzker, A. 1637
Struchen, D. *see* Clube, F. 12434
Struchen, D. *see* Gray, S. 12489
Struchkov, I.N. Transient chaos in a delayed aperiodic oscillator 10005
Struckman, C.K., Kusse, B.R. High-purity intense lithium-ion-beam sources using glow-discharge cleaning techniques 7115
Strudler, B.S. *see* Kiran, A.S. 33325
Strudwick, S.D., Perryman, R. Trend analysis of remote standby generating sets using parameter-estimation neural networks 25240
Strugazow, P. *see* Wagner, L.F. 11176
Strugov, N.A. *see* Chaly, V.P. 43877
Strukov, I.A. *see* Budilovich, N.V. 27179
Strunc, J. *see* Gross, P. 32832
Strunck, V. *see* Dopheide, D. 46672
Strunk, H.P. *see* Bauser, E. 18213
Strunk, H.P. *see* Hansson, P.O. 9598
Strunk, H.P. *see* Hansson, P.O. 18214
Strunsky, M.G., Gorbov, M.M. Calculation of electrical capacitances in the system of three closed casings of rectangular section 42259
Strupp, P.G. *see* Leone, S.R. 18227
Strutzman, W., Terada, M. Design of offset-parabolic-reflector antennas for low cross-pol and low sidelobes 29353
Struzak, R.G. On future information system for management of radio frequency spectrum resource 14748
Struzdumov, D. *see* Denisov, S. 31708
Struzdyumov, D.Yu. *see* Gilitskii, Yu.V. 46921
Stryland, E.W.Van *see* Van Stryland, E.W.
Strzalkoski, J. *see* Ernst, J. 31659
Stuart, A., Coxhead, P. The role of satellite communications in BT's global networks 45877
Stuart, C. *see* Ardalan, S.S. 22707
Stuart, C.A. Guidance properties of nonlinear planar waveguides 44525
Stuart, E.J., Weston, J.S. An algorithm far the parallel computation of subsets of eigenvalues and associated eigenvectors of large symmetric matrices using an array processor 41155
Stuart, J. *see* Fowler, C. 45409
Stuart, J.R. High quality audio—(outline) 46264
Stuart, J.R. Noise: methods for estimating detectability and threshold 46593
Stuart, J.R. *see* Tuck, E.F. 30336
Stuart, J.R. *see* Tuck, E.F. 45483
Stuart, K.C. VHSIC technology insertion into the AP-102 avionics processor family 39185
Stuart, M.G. *see* Micallef, S.P. 41756
Stuart, R.A., Kong, G., Shaw, A., Balfour, C., Al-Shamma'a, A., Lucas, J. A low power waveguide FEL for operation at 60 GHz nominal 43702
Stuart, R.A. *see* Dearden, G. 43979
Stuart, R.A. *see* Kong, G. 12261
Stubbe, M. *see* Counan, C. 25024

Stubbe, M. *see* Deuse, J. 24694
Stubbe, P. *see* Kimura, I. 47250
Stubbe, R. *see* Goehlich, L. 16340
Stubberud, A.R. *see* Cheng, D.S. 29613
Stubberud, P.A., Leondes, C.T. A frequency sampling filter design method which accounts for finite word length effects 34179
Stubbs, C. *see* Stockwell, W. 18495
Stubbs, L. A novel rural electricity supply 16396
Stubbs, M.G. *see* Drolet, D. 27299
Stubbs, M.G. *see* Omar, A.A. 1437
Stubbs, M.G. *see* Omar, A.A. 27150
Stubeer, G.L. *see* Kchao, C. 22814
Stuber, G.L. *see* Nogami, H. 44643
Stuber, G.L. *see* Sheen, W.-H. 12912
Stubican, V.S. *see* Fu, B. 17338
Stubkjaer, K., Mikkelsen, B., Durhuus, T., Joergensen, C.G., Joergensen, C., Nielsen, T.N., Fernier, B., Doussiere, P., Leclerc, D., Benoit, J. Semiconductor optical amplifiers as linear amplifiers, gates and wavelength converters 28874
Stubkjaer, K.E. *see* Braagaard, C. 37993
Stubkjaer, K.E. *see* Durhuus, T. 28876
Stubkjaer, K.E. *see* Durhuus, T. 35893
Stubkjaer, K.E. *see* Mikkelsen, B. 5979
Stubkjaer, K.E. *see* Mikkelsen, B. 23011
Stubkjaer, K.E. *see* Mikkelsen, B. 35966
Stubkjaer, K.E. *see* Mikkelsen, B. 38129
Stubler, W.F. *see* Roth, E.M. 39752
Stubley, P. *see* Printz, H. 4391
Stucchi, M. *see* Bonati, B. 2521
Stucchi, M. *see* De Liso, G. 9313
Stuchlik, D. *see* Morris, R.A. 47288
Stuchlik, V. *see* Pasek, Z. 32972
Stuchly, S.S., Sibbald, C.L., Anderson, J.M. A new aperture admittance model for open-ended waveguides 44532
Stuchly, S.S. *see* Anderson, J.M. 46588
Stuchly, S.S. *see* Bahl, I.J. 12746
Stuchly, S.S. *see* Kwasniok, P.J. 38642
Stuck, R. *see* Hartiti, B. 10847
Stucki, F. *see* Muller, K.-B. 32432
Stuckman, B. *see* Herndon, M. 562
Studd, R. *see* Seltzer, C.P. 35772
Studdard, B., Arrington, P., Rechner, M. Operating experience using acoustic leak detection at Gaston Station 8172
Studenikin, S.A. *see* Panaev, I.A. 19337
Studenmund, W.R. *see* Chang, F.C. 11044
Studer, C. Telecom networks flexible but safe to handle. I. Conventional models 45428
Studiner, D.W., Hillman, J.T., Arora, R., Foster, R.F. LPCVD titanium nitride in a rotating disk reactor: process modelling and results 826
Studiner, D.W. *see* Arora, R. 799
Studnicka, B. *see* Stone, S.J. 32702
Studwell, T.D. *see* Smith, D.R. 37168
Stuerga, D., Lallemant, M. An original way to select and control hydrodynamics instabilities: microwave heating. I. Hydrodynamic background and the experimental set-up 40661
Stuerga, D., Lallemant, M. An original way to select and control hydrodynamic instabilities: microwave heating. II. Hydrodynamic behavior of water and ethanol under microwave heating and reduced pressure 40662
Stuffle, L.R. *see* Zhang, C.Q. 25504
Stuffle, R.E. *see* Zhang, C.Q. 25504
Stuk, A.A. *see* Berezina, G.M. 2094
Stukach, O.V., Il'yushenko, V.N. A controllable attenuator 31146
Stukach, O.V., Il'yushenko, V.N. Invariance of linear dynamic systems to the state parameters 41610
Stulberg, D. *see* Wu, C. 24368
Stulberg, S.D. *see* Kienzle, T.C., III 24367
Stulen, R.H. *see* Friedmann, T.A. 9681
Stulen, R.H. *see* Kubiak, G.D. 19687
Stulen, R.H. *see* Tichenor, D.A. 27831
Stulens, H., Knuyt, G., De Ceuninck, W., De Schepper, L., Stals, L. An activation energy study of the microstructural changes in Al-1%Si interconnects 34815
Stultz, R. *see* Chen, W. 20949
Stultz, R.D., Camargo, M.B., Montgomery, S.T., Birnbaum, M., Spariosu, K. U^{4+}:SrF_2 efficient saturable absorber Q switch for the 1.54 μm erbium:glass laser 35975
Stumbo, D.P., Wolfe, J.C. Ion exposure characterization of a chemically amplified epoxy resist 27922
Stump, K. *see* Bergmann, K. 32976
Stumpe, D. *see* Ruhle, W. 23841
Stumpf, G.J. *see* Hermes, L.G. 39379
Stumpf, M., Pfitzner, J. The modular system for EMI measurement 12620
Stuntebeck, P.H. The dawn of knowledge networking 5615
Stupak, J.J., Jr. *see* Gogue, G.P. 47893
Stupakov, G.V., Kurennoy, S.S. Trapped electromagnetic modes in a waveguide with a small discontinuity 44508
Stupian, G.W., Presser, N. Formation of dendrites: experimental observations 41028
Stupin, A.N. *see* Venediktov, M.D. 21276
Stupnikov, V.K. *see* Kornev, A.F. 36091
Stupnikov, V.K. *see* Mak, A.A. 28936
Stupp, H., Hornung, M., Lakner, M., Madel, O., Von Lohneysen, H. Possible solution of the conductivity exponent puzzle for the metal-insulator transition in heavily doped uncompensated semiconductors 1828
Sturdivant, M.H. *see* Blackwood, E.B. 39788
Sturdivant, R. A capacitively coupled BPF design using a suspended substrate stripline 18976
Sturdivant, R. Balun designs for wireless, . . . mixers, amplifiers and antennas 19175
Sturett, M. *see* Larson, L.R. 19246
Sturge, M.D. *see* Stormer, H.L. 27514
Sturges, R.H., Jr., O'Shaughnessy, K., Reed, R.G. A systematic approach to conceptual design 229
Sturgess, J.P., Preston, T.W. Damper cage design using the finite-element method 8331
Sturim, D.E., Coutu, G. Two-dimensional adaptive IIR filtering with fixed poles 21901
Sturland, I.M. *see* Cahill, R. 4342
Sturm, A. Condition-related maintenance—experience and problems 39688
Sturm, E. *see* Simon, K.P. 29923
Sturm, J. *see* Feldmann, K. 40921
Sturm, J. *see* Kosch, H.H.J. 26900
Sturm, J.C. *see* Venkataraman, V. 1916
Sturm, M. *see* Brunner, M. 40934
Sturm, M. *see* Kercan, V. 16712
Sturm, W. *see* Guttenberger, M. 29360
Sturmer, M. Material removal processing with Nd:YAG-lasers 21148
Sturmfels, B. *see* Reeves, A. 17983
Sturrock, J.C., Cohen, S., Weintraub, B.L., Hayden, D.J., Archuletta, S.F. Testing and interfacing intelligent power supplies for the Los Alamos National Laboratory Accelerator Complex 15671
Stursa, J., Bejsovec, V., Borkova, A., Krivanek, M., Mares, J., Trejbal, Z. The axial injection system of the isochronous cyclotron 15406
Sturtevant, J. *see* Conley, W. 11056
Sturtevant, J.L., Holmes, S.J., VanKessel, T.G., Hobbs, P.D., Shaw, J.C., Jackson, R.R. Post-exposure bake as a process-control parameter for chemically-amplified photoresist 2292
Sturzebecher, D. *see* Mizan, M. 5726
Sturzebecher, D. *see* Mizan, M.A. 10440
Sturzebecher, D. *see* Saedi, R. 4326
Sturzebecher, D.J., Zhou, X., Zhang, X.-S., Daryoush, A.S. Optically controlled oscillators for millimeter-wave phased-array antennas 19036
Sturzebecher, D.J. *see* Zhang, X. 4346
Sturzenbecker, M.C. *see* Chou, P.B. 434
Stus', N.M. *see* Aydaraliev, M. 3614
Stutius, W. *see* Meehan, K. 35811
Stutt, C.A., Hughes, W.C., Rustay, R.C., Gajjar, J.T. Experimental verification of distribution feeder PLC propagation model computations 47504
Stutzki, J. *see* Michael, E. 12280
Stutzman, W.L. Integration of the personal computer into undergraduate electromagnetics courses 105
Stutzman, W.L., Haidara, F., Remaklus, P.W. Correction of satellite beacon propagation data using radiometer measurements 36180
Stutzman, W.L. *see* Hundt, D.G. 29395
Stutzman, W.L. *see* Kelley, D.F. 36433
Stutzmann, M., Brandt, M.S. Defects and recombination in disordered silicon 42388
Stutzmann, M., Graeff, C.F.O., Rossi, M.C., Brandt, M.S. Accelerated stability testing of amorphous silicon solar cells 8760
Stutzmann, M. *see* Brandt, M.-S. 43613
Stutzmann, M. *see* Brandt, M.S. 3367
Stutzmann, M. *see* Brandt, M.S. 27457
Stutzmann, M. *see* Brandt, M.S. 34498
Stutzmann, M. *see* De Mierry, P. 42724
Stutzmann, M. *see* Graeff, C.F.O. 35557
Stuurman, K. *see* Cardwell, K. 30904
Styblinski, M.A. Generalized formulation of yield, variability, minimax and Taguchi circuit optimization problems 9874
Styblinski, M.A., Aftab, S. Combination of interpolation and self-organizing approximation techniques—a new approach to circuit performance modeling 26572
Styblinski, M.A., Huang, M. Drift reliability optimization in IC design: generalized formulation and practical examples 11274
Styblinski, M.A. *see* Huang, M. 9881
Styblinski, M.A. *see* Qu, M. 1309
Styczynski, K. *see* Campos, J. 12413
Styczynski, K. *see* Campos, J. 36943
Stytz, M.R. *see* Wojszynski, T.G. 46034
Styzinski, M. *see* Boes, P. 5689
Su, C. *see* Cheung, K.W. 30711
Su, C.B. *see* Cheng, W.-H. 12150
Su, C.B. *see* Shin, S. 20802
Su, C.B. *see* Shin, S. 20864
Su, D., Boechat, A.A.P., Jones, J.D.C. Curvature induced mode coupling in large core optical fibres with step refractive index profiles 43429
Su, D., Hall, D.R., Jones, J.D.C. Workpiece position sensing by means of a fiber optical beam delivery system 3947
Su, D. *see* Demirlioglu, E. 10869
Su, D.K., Wooley, B.A. A CMOS oversampling D/A converter with a current-mode semi-digital reconstruction filter 34126
Su, D.K., Wooley, B.A. A CMOS oversampling D/A converter with a current-mode semidigital reconstruction filter 42005
Su, K.W. *see* Kuo, J.B. 10096
Su, L.-S. *see* Radke, C.E. 337
Su, L.C., Pu, S.T., Stringfellow, G.B., Christen, J., Selber, H., Bimberg, D. Control of ordering in GaInP and effect on bandgap energy 41291
Su, L.T., Chung, J.E., Antoniadis, A.D., Goodson, K.E., Flik, M.I. Measurement and modeling of self-heating in SOI nMOSFET's 35005
Su, L.T. *see* Goodson, K.E. 10761
Su, L.T. *see* Sherony, M.J. 42939
Su, S. *see* Yeh, S.C. 46843
Su, S. *see* Zhou, D. 26547
Su, S.-L., Barry, C.H., Lo, C.-Y. A space-efficient short-finding algorithm 19939
Su, S.F., Olshansky, R. Performance of multiple access WDM networks with subcarrier multiplexed control channels 5178
Su, S.J., Kuo, Y.S., Tsay, J.C. Adaptable quad tree techniques [VLSI layout] 2612
Su, S.L. *see* Chang, J.F. 37917
Su, T.J., Lee, C.C. An embedded waveguide lens with anti-reflection layer 35468
Su, W., Filler, R.L. Application of Kalman filtering techniques to the precision clock with non-constant aging 23399
Su, W.-C., Drakunov, S.V., Ozguner, U. Sliding mode brushless DC motor current and torque control algorithms 25456
Su, W.-Y. *see* Kim, S.P. 13630
Su, X., Li, L., Wang, J. A self-optimizing DC motor control system 25461
Su, X.-Y. *see* Zhou, W.-S. 31429
Su, Y.-S. *see* Huang, J.-H. 14136
Su, Y.-T. *see* Lin, J.-C. 37729
Su, Y.K., Chen, S.M., Yu, C.F., Lu, Y.T. Energy shift and band offset with elastic strain in InGaSb epilayers on GaSb(100) by metalorganic chemical vapor deposition 34570
Su, Y.K., Juang, Y.Z., Shei, S.C., Fang, B.C. A study of selective and nonselective reactive ion etching of GaAs/AlGaAs materials 10928
Su, Y.K., Kuan, H., Chang, P.H. Investigation of Se-doped GaSb epilayers grown by low pressure metal-organic chemical vapor deposition 9571
Su, Y.K. *see* Chang, S.J. 11876
Su, Y.K. *see* Juang, Y.Z. 27726
Su, Y.K. *see* Lin, J.D. 27699
Su, Y.T. *see* Chang, J.F. 37917
Su, Y.Y., Srihari, K., Adriance, J. A knowledge update mechanism for an adhesive advisor 1732
Su, Z. *see* Grant, R.S. 3488
Su Bo *see* Bo Su
Su Chen Bo *see* Bo Su Chen
Su Ching-Chuan *see* Ching-Chuan Su
Su Chung-Yi *see* Chung-Yi Su
Su Hongye *see* Hongye Su
Su Huan-Ping *see* Huan-Ping Su
Su Ing-Jiunn *see* Ing-Jiunn Su
Su Keh-Yih *see* Keh-Yih Su
Su Liu *see* Liu Su
Su Lo-Soun *see* Lo-Soun Su
Su May Hsu Extracting target features from angle-angle and range Doppler images 6142
Su Seol Byung *see* Byung Su Seol
Su Seong Dong *see* Dong Su Seong
Su Shanchuan *see* Shanchuan Su
Su Shi, Cai Song, Xu Yiqian Experimental investigations on chemical properties during quenching products of combustion at high temperature [MHD generators] 25792
Su Shyang *see* Shyang Su
Su Wansheng *see* Wansheng Su
Su Wencheng *see* Tong Xiangqian 32508
Su Xiaohong *see* Guo Chengming 41922
Su Xu *see* Cantao Zhuang 15973
Su Yan Kuin *see* Yan Kuin Su
Su Yan-Kuin *see* Yan-Kuin Su
Su Yi, Tan Songsheng, Wang Weiyuan Roughness of the reactive ion etched silicon surface by CF_4, SF_6 and NF_3 27666
Su Yon *see* He Fangdian 23694
Su-Fua Wang, Pin-Chieh Hsu, Shi-Ping Teng Applications of Harshaw TLD 6600 counting system for evaluation of radiation dose 24375
Su-Il Pyun, Tae-Hyun Yang, Young-Gi Yoon Impedance analysis of plasma-enhanced chemical-vapour-deposited TiO_2 film in 0.1 M NaOH solution near the flat-band potential 42598
Su-Ling Lee, Shyang Chang Neural networks for routing of communication networks with unreliable components 22371
Su-Yi Huang *see* Huang Su-Yi
Suarez, A., Ngoya, E., Savary, P., Camiade, M., Sarkissian, J.C., Quere, R. Broadband design and simulation of frequency dividers in the millimetric band 27298
Suarez, A. *see* Quere, R. 34282
Suarez, A. *see* Sandoval, J.D. 5454
Suaudeau, N. *see* Andre-Obrecht, R. 21705
Subba Rao, G.V. *see* Ramakrishnan, P.A. 11818
Subba Rao, S. Some approximate results for a heavily loaded single server queue with semi-markovian services 26268
Subba Rao, S., Narayan Bhat, U. A sequential test for a denumerable Markov chain and an application to queues 26269
Subba Rao, S.V. *see* Deva Raju, K.V.M. 38417
Subba Rao, U.V. *see* Sreepathi Rao, S. 48047
Subbaiah, P.V. *see* Chandra Mouly, M.C. 47111
Subbanna, S. *see* Crabbe, E. 19072
Subbanna, S. *see* Shahidi, G.G. 11305

Subbaram, H., Abend, K. Interference suppression via orthogonal projections: a performance analysis 29207
Subbaramaiah, K., Sundara Raja, V. Preparation and characterization of all spray-deposited p-$CuIn(S_{0.5}Se_{0.5})_2$/n-CdZnS:In thin film solar cells 33044
Subbarao, D., Uma, R., Singh, H. Map for self-focusing of a laser beam in a nonlinear medium 44126
Subbarao, M., Ming-Chin Lu Computer-modelling and simulation of camera defocus 5045
Subbarao, M., Surya, G. Application of spatial-domain convolution/deconvolution transform for determining distance from image defocus 5047
Subbarao, M., Tae Choi A new method for shape from focus 45231
Subbarao, S. *see* Shen, D.H. 17247
Suberlucq, G. *see* Chevallay, E. 38810
Subhani, K. *see* DiBitonto, D. 31722
Subhramanian, S. *see* Chandrasekharam, R. 9887
Subias, J., Villuendas, F., Alonso, R., Pelayo, J. Single-mode polished fibre wavelength multiplexers with intermediate planar multilayer structures 37668
Subrahmanian, E., Konda, S.L., Levy, S.N., Reich, Y., Westerberg, A.W., Monarch, I. Equations aren't enough: informal modeling in design 9208
Subrahmanya, S.V., Chandrasekharaiah, H.S., Jayakrishna, R., Bhanu Prakash, M.R. Multi-expert system for optimal load sharing in a distribution network 32244
Subrahmanyam, A. *see* Manivannan, P. 1871
Subrahmanyam, V., Surendran, K. On the aspects of stability and harmonic behaviour of static slip energy recovery schemes 8369
Subrahmanyam, V. *see* Amar Dutt, A. 8367
Subrahmanyan, R. *see* Lin, Y.-T. 2000
Subrahmonia, J. *see* Keren, D. 36987
Subramaniam, E.T. *see* Sinha, A.K. 24117
Subramaniam, E.V. *see* Makram, E.B. 47378
Subramaniam, K., Dhodapkar, S.D., Ramamurthy, H. Aspects of assessment and evaluation of computer software in programmable digital comparator system for KAPP 16538
Subramaniam, K., Pandey, U.N. Safety evaluation of computer software in NAPS safety systems 16537
Subramaniam, K. *see* Dixit, P.C. 8074
Subramaniam, R. *see* Staffa, E. 37742
Subramanian, A. *see* Hassebrook, L.G. 45136
Subramanian, B. *see* Arumugam, P. 25811
Subramanian, E., Nelson, R. Enhanced probe card facilitates at-speed wafer probing in very high density applications 11265
Subramanian, G. *see* Singh, B. 47710
Subramanian, M. *see* Sang-Kook Han 3107
Subramanian, S., Arora, B.M., Srivastava, A.K., Banerjee, S., Fernandes, G. C-V and DLTS investigations of GaAs/InGaAs/GaAs strained quantum well structures 19407
Subramanian, S., Lala, P.K. On-line and off-line testable design of random access memories 10155
Subramanian, V., Sobhanadri, J. New approach of measuring the Q factor of a microwave cavity using the cavity perturbation technique 38669
Subramanyam, S. *see* Honnenhalli, S. 18693
Subramoniam, R. *see* Dumin, D.J. 43155
Sucar, H.R. Comprehensive structural testing of ASIC macrocells, a comparative analysis 18655
Such, V. *see* Navarro, E.A. 36310
Such, V. *see* Navarro, E.A. 42168
Such, V. *see* Navarro, E.A. 44506
Suchalkin, S.D. *see* Ivanov, Yu.L. 44173
Suchar, R. *see* Bender, H. 44295
Sucharev, S.A. *see* Dolgopolov, Y.V. 35658
Sucharev, S.A. *see* Pevny, S.N. 35657
Suchilin, V.A. Spectral estimation based on prolate-spheroid function 13190
Suchkov, A.F. *see* Basov, N.G. 28739
Suchkov, A.F. *see* Basov, N.G. 43734
Suchkov, A.F. *see* Lytkin, A.P. 20596
Suchland, D. *see* Gundel, H. 7081
Suchomski, P. Algorithm of square root information filtering based on V-Lambda Kalman filter 45020
Suck-Chul Hong *see* Hubele, N.F. 26211
Suckewer, S. *see* Park, C.O. 35647
Suda, A., Tashiro, H. Reduction of operating pressure for continuous frequency tuning in transversely excited, high-pressure CO_2 lasers 12029
Suda, A., Tashiro, H., Sakurai, K., Nagasaki, K. Intracavity active frequency shift: a novel method of shifting the frequency of pulsed lasers 20996
Suda, H. *see* Tomita, N. 45995
Suda, K. *see* Iizuka, H. 37311
Suda, R., Kamikawai, R., Wada, Y., Hioe, W., Hosoya, M., Goto, E. QFP wiring problem—introduction and analytical considerations 26895
Suda, T. *see* Takahashi, K. 30448
Suda, T. *see* Takine, T. 5169
Suda, T. *see* Vickers, B.J. 22635
Sudak, P. *see* Dunn, C. 34079
Sudarman, S. *see* Hochstein, M.P. 39711
Sudarshan, T.S. *see* Asokan, T. 43221
Sudarshan, T.S. *see* Gradinaru, G. 2721
Sudarshan, T.S. *see* Gradinaru, G. 28626
Sudarshan, T.S. *see* Gradinaru, G. 35126
Sudarshan, T.S. *see* Mahajan, S.M. 43215
Sudarshan Rao, Gopinath, B., Kurshan, D. Optimizing call management of mobile units 37787
Sudarshanam, V.S. Direct static strain measurement utilizing signal fading and spectrum analysis in a fibre optic interferometric sensor 46485
Sudarshanam, V.S., Claus, R.O. Direct static strain measurement utilizing signal fading and spectrum analysis in a fiber optic interferometric sensor 23674
Sudarshanam, V.S., Dhawan, R.R., Tran, T., Burford, M.K., Claus, R.O. Two sensor multiplexing in a split cavity cross coupled extrinsic fiber interferometer 6552
Sudarshanam, V.S., Kamdar, K.D., Claus, R.O. Rare earth iron compound (Terfenol) based optical phase modulator/magnetometer for use in fiber optic smart structure sensors 6543
Sudarshanam, V.S. *see* Nau, G.M. 23667
Sudbo, A.S. *see* Royset, A. 30749
Suddendorf, M.B., Somekh, M.G. Single beam photoreflectance microscopy system with electronic feedback 40982
Sudduth, A. *see* Griebenow, R. 32716
Sud'enkov, Y.V., Nikitin, Y.B., Orlova, S.A. Optoacoustic effect in structural investigations and flaw detection in solids 18336
Sudersena Rao, T., Lacelle, C., Davies, M., Barber, R., Chow-Chong, P., McCaffery, J., Rolfe, S.J., Roth, A.P., Benyon, B., Foster, B. Chemical beam epitaxy of InP on planar and non-planar substrates 41331
Sudersena Rao, T. *see* Houghton, D.C. 43871
Sudershan Kumar, Mahesh Chander, Chaudhury, R.N. Quality v/s quantity 33422
Sudhakar, A., Pasha, I.A., Madhavi, D. A study of the bipolar operation of field-effect transistors 35002
Sudhakar, A. *see* Mallikarjuna Reddy, Y. 44665
Sudhakar, A. *see* Pasha, I.A. 38159
Sudhakar, R. *see* Shieh, J. 22183
Sudhakara Reddy, B. Biomass energy for India: an overview 47625
Sudhama, C., Campbell, A.C., Maniar, P.D., Jones, R.E., Moazzami, R., Mogab, C.J., Lee, J.C. A model for electrical conduction in metal-ferroelectric-metal thin-film capacitors 27609
Sudhama, C., Kim, J., Chikarmane, V., Lee, J.C., Tasch, A.F., Myers, E.R., Novak, S. Polarity and area dependence of reliability characteristics of sputtered and sol-gel derived thin PLZT films for DRAM applications 10186
Sudhama, C. *see* Kim, J. 28254
Sudhama, C. *see* Lee, J. 35140
Sudharsanan, R. *see* Choi, Y.H. 9584
Sudhir, G., Bahl, R., Biswas, K.K. Exploiting local structure of zero-crossings in trinocular stereo 13715
Sudhoff, S.D. Waveform reconstruction from the average-value model of line-commutated converter—synchronous machine systems 25401
Sudhoff, S.D. Analysis and average-value modeling of dual line-commutated converter—6-phase synchronous machine systems 25402
Sudhoff, S.D. Multiple reference frame analysis of a multistack: variable-reluctance stepper motor 25403
Sudhoff, S.D. Multiple reference frame analysis of an unsymmetrical induction machine 25427
Sudijono, J. *see* Johnson, M.D. 26399
Sudijono, J. *see* Johnson, M.D. 33614
Sudijono, J. *see* Orr, B.G. 9594
Sudijono, J. *see* Orr, B.G. 41352
Sudijono, J.L. *see* Orme, C. 33592
Sudmersen, U. *see* Stegemann, D. 32720
Sudo, G. *see* Kanno, T. 31273
Sudo, H. *see* Anayama, C. 3630
Sudo, H. *see* Furaya, A. 43840
Sudo, H. *see* Furuya, A. 12176
Sudo, K. *see* Minoda, H. 23366
Sudo, N. *see* Sasaki, M. 7612
Sudo, S. *see* Nakajima, K. 23715
Sudo, S. *see* Narumi, S.-i. 43310
Sudo, S. *see* Nishida, Y. 28798
Sudo, S. *see* Ohishi, Y. 43798
Sudo, S. *see* Shimizu, M. 28788
Sudo, S. *see* Yamada, M. 12065
Sudo, S. *see* Yamada, M. 12075
Sudo, S. *see* Yamada, M. 35757
Sudo, S. *see* Yokohama, I. 12326
Sudo, T. *see* Hiruta, Y. 43135
Sudo, T. *see* Okada, T. 346
Sudo, Y. *see* Wada, Y. 42480
Sudoh, E. *see* Hoshino, K. 2895
Sudoh, T.K., Nakano, Y., Tada, K., Kikuchi, K., Hirata, T., Hosomatsu, H. Self-suppression effect of longitudinal spatial hole burning in absorptive-grating gain-coupled DFB lasers 43885
Sudou, M. *see* Kanazawa, M. 6908
Sudou, M. *see* Kanazawa, M. 15457
Sudou, Y. *see* Wada, Y. 43666
Sudraud, P. *see* Ben Assayag, G. 27651
Sudre, C. *see* Moreau, Y. 35075
Sudworth, J.L. *see* Dustmann, C.-H. 48335
Sue-Jen Wu, Jae-Heung Yoon, Quimpo, R.G. Capacity-weighted water distribution system reliability 9344
Suehiro, M., Hirata, T., Maeda, M., Hihara, M., Hosomatsu, H. GaAs/AlGaAs first-order gratings fabricated with electron beam lithography and very-narrow-linewidth long-cavity DBR laser diodes 12202
Suehiro, N. *see* Przybilla, K.J. 11052
Suehiro, N. *see* Roschert, H. 11047
Suehiro, T. *see* Shoji, T. 7303
Suehle, J. *see* Gaitan, M. 19988
Suehle, J.S. *see* Mayo, S. 11335
Suekane, F. *see* Abe, K. 7260
Suekane, F. *see* Abe, K. 15619
Suekane, F. *see* Abe, K. 46930
Suekane, M., Miyamura, M., Shimatsu, T., Takahashi, M. Study on the magnetic microstructures for CoNiPt thin-film media by rotational hysteresis loss analysis 2789
Suekane, T., Tsunoda, K., Okamura, T., Harada, N., Yoshikawa, K., Kabashima, S., Shioda, S. Effects of working gas temperature on performance of a CCMHD generator 8782
Suekane, T., Yoshikawa, K., Kabashima, S. Effects of boundary layer in disk CCMHD generator 17408
Suekane, T., Yoshikawa, K., Kabashima, S. Nonequilibrium magnetohydrodynamic flow behavior in a closed cycle disk generator 25829
Suekane, T. *see* Harada, N. 25358
Sueki, H. *see* Yoshida, K. 5878
Suemasu, T., Watanabe, M., Suzuki, J., Kohno, Y., Asada, M., Suzuki, N. Metal $(CoSi_2)$/insulator (CaF_2) resonant tunnelling diode 28086
Suematsu, E., Ogawa, H. Noise performance of MMIC HBTs as photodetectors 27261
Suematsu, E. *see* Banba, S. 28679
Suematsu, E. *see* Ogawa, H. 5910
Suematsu, Y. *see* Arai, S. 28834
Suematsu, Y. *see* Hirayama, H. 28826
Suematsu, Y. *see* Kudo, K. 20780
Suematsu, Y. *see* Miyake, Y. 12206
Suemine, S. *see* Okuda, S. 46716
Suemitsu, M. *see* Kim, K.-J. 18139
Suemune, I. Study of current-voltage characteristic in a ZnSe-based II-VI laser diode 12214
Suemune, I. *see* Dabbicco, M. 20854
Suemune, I. *see* Fujii, Y. 43647
Suemune, I. *see* Noguchi, N. 42692
Suemune, I. *see* Stevens, C.J. 42514
Suen, C.Y. *see* Arumugam, A. 45193
Suen, C.Y. *see* Lam, L. 45203
Suen, C.Y. *see* Tang, Y.Y. 36977
Suenaga, K. *see* Mozume, T. 33598
Suenaga, Y. *see* Akamatsu, S. 22162
Suenaga, Y. *see* Akimoto, T. 4786
Suenaga, Y. *see* Ueda, N. 45064
Suer, M.F. *see* Carson, J.C. 43038
Sueri, S. *see* Sukumar, V. 33124
Suess, T.R. *see* Cazenave, J.-P. 17885
Suesserman, M.F., Spelman, F.A. Quantitative in vivo measurements of inner ear tissue resistivities. I. In vitro characterization 24287
Sueta, T. *see* Berceli, T. 1531
Suetake, M., Akai, K., Higo, T., Takata, K., Yamazaki, Y., Yoshimoto, S. Damped RF cavity in KEK 6993
Suetens, P. *see* Vandermeulen, D. 39031
Suetens, P. *see* Verbeeck, R. 24210
Suetsugu, K. *see* Tsurumi, K. 27366
Suetsugu, T., Mori, S. Steady-state analysis of closed-loop switching circuit by calculating convolution integral in the steady-state 33862
Suetsugu, Y., Kanazawa, K. Vacuum system for KEK B-factory 7003
Suetsugu, Y., Terasawa, Y., Hoshino, S., Takahashi, Y., Tanaka, S. Polarization mode dispersion in dispersion shifted single mode fiber 35418
Suetsugu, Y. *see* Ishimaru, H. 7004
Suetsugu, Y. *see* Ishimaru, H. 15316
Suetsugu, Y. *see* Nakajima, K. 7013
Suetsugu, Y. *see* Terasawa, Y. 11596
Suetugu, Y. *see* Sugimura, T. 26265
Sueur, B., Degoulet, G., Riviere, M., Le Floch, B. COFDM for digital terrestrial networks: the right power at the right place 30954
Sueva, D., Spassov, V., Chikov, N., Vapirev, E.I., Ivanov, I. Silicon detectors for charged particles manufactured by conventional planar technology 7179
Sueva, D. *see* Vapirev, E.I. 46923
Sueyoshi, T. *see* Uesugi, K. 33666
Suffert, M. *see* Carlson, P. 46906
Suft, G. *see* Eversheim, P.D. 31625
Sug Bong Kang *see* Jeong Soo Byun 18149
Suga, H. *see* Kotera, M. 28057
Suga, I., Kimata, M., Ohnishi, Y., Uchida, R. New switching method for single-phase AC to DC converter 8630
Suga, T., Ishihara, F. A method for analyzing properties of rectangular waveguides of steeply tapered width 36304
Suga, T. *see* Itoh, T. 23519
Suga, T. *see* Itoh, T. 31191
Suga, T. *see* Itoh, T. 38465
Suga, T. *see* Saito, Y. 2605
Suga, Y., Sano, Y., Naruse, M., Kojima, K., Ogawa, K. Recognition of the weld line by a visual sensing system and weld line tracking in

automatic welding of thin aluminium plates 9031
Suga, Y. *see* Inouye, Y. 4701
Sugahara, H., Fukada, S., Mori, Y., Hashimoto, A. Satellite digital communication system using multicarrier time division multiple access 5841
Sugahara, S. *see* Inoguchi, K. 43865
Sugahara, T. *see* Sugimoto, N. 24233
Sugahara, T. *see* Yanagihara, Y. 47050
Sugai, M., Nakatani, T. AC dynamic testing of 20 bit sigma-delta over-sampling D/A converter on a mixed signal test system 1283
Sugai, T. *see* Kutsuwada, N. 15188
Sugai, T. *see* Yamamoto, K. 8643
Sugai, T. *see* Yamamoto, K. 17047
Sugama, K. *see* Kawashima, H. 20105
Sugamata, T. *see* Nagata, H. 3083
Suganami, J. *see* Isomura, K. 25174
Suganami, T., Sugihara, M., Sugimoto, T., Tanaka, N. Fluorocarbon-free refrigeration and air-conditioning systems 9007
Sugano, M., Murata, M., Miyahara, H. Capacity assignment algorithm for packet switching network with different grades of service 13855
Sugano, M., Takashina, H., Yokohira, T., Okamoto, T. Design algorithms for packet-switching networks with different classes of packets—capacity, priority and flow assignment under end-to-end packet delay constraint 30460
Sugano, M. *see* Furaya, A. 43840
Sugano, M. *see* Furuya, A. 12176
Sugano, M. *see* Sato, M. 21435
Sugano, T. *see* Bird, J.P. 42504
Sugano, T. *see* Ishibashi, K. 27534
Sugano, T. *see* Ishii, M. 27718
Sugano, T. *see* Isshiki, H. 720
Suganuma, N. *see* Tomita, M. 18615
Suganuma, R. *see* Sannomiya, T. 16030
Sugathan, P. *see* Ajith Kumar, B.P. 46722
Sugathan, P. *see* Sinha, A.K. 24117
Sugathan, P. *see* Sinha, A.K. 31800
Sugawa, T. Wide-aspect video program production 23320
Sugawa, T. *see* Kurokawa, K. 28763
Sugawara, A., Kazama, H., Koide, M., Kan, Y., Ogura, K., Minami, K. Measurements of dispersion relation of waveguide with periodic boundaries 1394
Sugawara, H. *see* Seki, H. 35938
Sugawara, H. *see* Sugibayashi, T. 26919
Sugawara, H. *see* Sugibayashi, T. 26954
Sugawara, H. *see* Suzuki, M. 18181
Sugawara, K. *see* Saito, T. 27798
Sugawara, K. *see* Shimogaki, Y. 827
Sugawara, M., Ishikawa, C., Matsuki, K. Charge-discharge characteristics of Cu(II) and Ni(II) complexes with 2,5-dihydroxy-p-quinones in organic electrolyte 48062
Sugawara, M., Kawahira, H., Ogura, A., Nozawa, S. Exposure alignment compensation method for rim phase shifting mask fabrication 2264
Sugawara, M., Yamazaki, S. Theoretical calculation of optical gain and threshold current density in strained $In_{1-x}Ga_xAs/InP$ quantum-well lasers using strain-dependent conduction-band and valence-band structures 28855
Sugawara, M. *see* Mukai, K. 41375
Sugawara, M. *see* Nakao, M. 38101
Sugawara, M. *see* Yamamoto, T. 12110
Sugawara, S., Konno, M., Kudo, S., Yoshida, T. Equivalent circuit consideration on null signals in a piezoelectric vibratory gyroscope 43231
Sugawara, S. *see* Fujiura, K. 818
Sugawara, T., Kobayashi, K., Murai, H., Baert, K., Sakamoto, T., Tokioka, H., Masutani, Y., Namizaki, H., Nunoshita, M. 1.8-inch poly-Si TFT-LCDs with novel TFT structure and Cst arrangement 6690
Sugawara, T. *see* Okumura, M. 18456
Sugawara, T. *see* Tsukahara, H. 1762
Sugawara, Y. *see* Fukano, Y. 42574
Sugawara, Y. *see* Morita, S. 11340
Sugaya, M. *see* Kamohara, S. 10860
Sugaya, S. *see* Hong Fu 43560
Sugaya, T., Kaneko, M., Okada, Y., Kawabe, M. Fabrication of GaAs quantum wire structures by hydrogen-assisted molecular beam epitaxy 18143
Sugaya, T., Taguchi, T., Shimura, K., Taira, K., Honguh, Y., Satoh, H., Kobayashi, T., Nakamura, N. Performance of a 600 Mbyte 90 mm phase-change optical disk against disk tilt 20276
Sugaya, T. *see* Fujimoto, S. 20266
Sugden, K., Bennion, I., Molony, A., Copner, N.J. Chirped gratings produced in photosensitive optical fibres by fibre deformation during exposure 44145
Sugden, K. *see* Byron, K.C. 2965
Sugerman, A., Braren, B., Turene, F., Wajda, W. Excimer laser as a source for thin Cu film deposition for use in electronic device fabrication 18296
Sugerman, A. *see* Holber, W.M. 10979
Sugg, A.R., Chen, E.I., Holonyak, N., Jr., Hsieh, K.C., Baker, J.E., Finnegan, N. Effects of low-temperature annealing on the native oxide of $Al_xGa_{1-x}As$ 10917
Sugg, A.R. *see* Richard, T.A. 28084
Sugianto, L.F. *see* Mielczarski, W. 16240
Sugiarto, D. *see* Kahn, F.J. 6699
Sugibayashi, T., Takeshima, T., Naritake, I., Matano, T., Takada, H., Aimoto, Y., Furuta, K., Fujita, M., Saeki, T., Sugawara, H., Murotani, T., Kasai, N., Shibahara, K., Nakajima, K., Hada, H., Hamada, T., Aizaki, N., Kunio, T., Kakehashi, E., Masumori, K., Tanigawa, T. A 30-ns 256-Mb DRAM with a multidivided array structure 26919
Sugibayashi, T., Takeshima, T., Naritake, I., Matano, T., Takada, H., Aimoto, Y., Furuta, K., Fujita, M., Saeki, T., Sugawara, H., Murotani, T., Kasai, N., Shibahara, K., Nakajima, K., Hada, H., Hamada, T., Aizaki, N., Kunio, T., Kakehashi, E., Masumori, K., Tanigawa, T. A 30 ns 256 Mb DRAM with multi-divided array structure 26954
Sugie, N. *see* Sagawa, Y. 36628
Sugihara, H. A practical expert system for indicating faulty sections within a control center 32238
Sugihara, H. *see* Kakimoto, N. 39549
Sugihara, H. *see* Yoshizawa, Y. 2785
Sugihara, I. *see* Hu, Q. 13336
Sugihara, M., Sawada, M., Takamura, Y. Solid waste treatment system featuring maximum recycling volume and optimum energy application 48501
Sugihara, M. *see* Saito, Y. 11224
Sugihara, M. *see* Suganami, T. 9007
Sugihara, O., Hirano, Y., Okamoto, N., Taketani, Y. Second harmonic generation in poled polymer films doped with α-cyano unsaturated carboxylic acids 20997
Sugihara, O. *see* Izawa, K. 3859
Sugihara, O. *see* Meng, X.J. 3826
Sugihara, R. *see* Takeuchi, S. 46791
Sugii, T. *see* Sato, A. 18721
Sugimori, M. Developers meet challenge of digital testers for Japan's PHP system 37873
Sugimoto, A. 3-D object recognition by combination of perspective images 4912
Sugimoto, A. *see* Uchara, K. 2431
Sugimoto, E. *see* Aono, H. 6665
Sugimoto, H., Isu, T., Tada, H., Miura, T., Shiba, T., Kimura, T., Takemoto, A. Suppression of side-etching in $C_2H_6/H_2/O_2$ reactive ion etching for the fabrication of an InGaAsP/InP P-substrate buried-heterostructure laser diode 19554
Sugimoto, H., Kawasaki, S., Nagata, N., Watanabe, E. One approach to speed control of two inertia resonant system based on coprime factorization description and its characteristics 40101
Sugimoto, H., Tomoe, M., Matsumura, M., Watanabe, E. A vector control method of a linear induction motor with asymmetrical constants and its performance characteristics 40169
Sugimoto, H. *see* Ishida, H. 10544
Sugimoto, H. *see* Ohtsuka, K. 10886
Sugimoto, K. *see* Akao, N. 41491
Sugimoto, K. *see* Sakata, H. 11186
Sugimoto, K. *see* Sakata, H. 16945
Sugimoto, M. *see* Hamada, H. 41891
Sugimoto, M. *see* Kajita, M. 43683
Sugimoto, M. *see* Koizumi, N. 20227
Sugimoto, M. *see* Kosaka, H. 43686
Sugimoto, M. *see* Numai, T. 3665
Sugimoto, M. *see* Numai, T. 12193
Sugimoto, M. *see* Tsuji, H. 28422
Sugimoto, M. *see* Yamamoto, Y. 17879
Sugimoto, N., Katoh, Y., Tate, A. Magneto-optic buried channel waveguides for a 45° nonreciprocal waveguide rotator 3234
Sugimoto, N., Uyama, C., Sugahara, T., Yanagihara, Y. Estimating the two-dimensional blood flow velocity map from cineangiograms: algorithm using an initial guess and its application to an abdominal aneurysm 24233
Sugimoto, N. *see* Yanagihara, Y. 47050
Sugimoto, S., Fukai, K., Mori, K., Ide, S., Kaneko, H., Takaki, H., Kobayashi, M. Detection of fast pulses from large barium fluoride calorimeters 7230
Sugimoto, S., Sasaki, N. OAM functional model for transmission equipment with object-oriented approach 30325
Sugimoto, S. *see* Kobayashi, M. 31667
Sugimoto, S. *see* Kukuchi, S. 43258
Sugimoto, S. *see* Kunieda, T. 22437
Sugimoto, S. *see* Takahashi, N. 11456
Sugimoto, S. *see* Tatsuki, T. 43268
Sugimoto, T., Fujisaka, T., Oh-Hashi, Y., Kondoh, M. The method to suppress radar clutter by selecting a filter based on production rule using profile of clutter categorized by neural network 14699
Sugimoto, T., Kawaguchi, T., Fujikake, Y. Development of automatic Vickers hardness testing system using image processing technique 9836
Sugimoto, T., Koseki, H., Sato, M. Low NO_x technologies for various combustors 9006
Sugimoto, T. *see* Hori, M. 17524
Sugimoto, T. *see* Suganami, T. 9007
Sugimoto, Y. A study on a bias method of an active load in the low voltage operating condition 43118
Sugimoto, Y. Precise positioning technique using GPS. Overview of development of PRESTAR system 46116
Sugimoto, Y. *see* Imae, M. 46118
Sugimoto, Y. *see* Kajita, M. 43683
Sugimoto, Y. *see* Kaneko, A. 46119
Sugimoto, Y. *see* Kawanishi, H. 2283
Sugimoto, Y. *see* Kiuchi, H. 46117
Sugimoto, Y. *see* Kohmoto, S. 19587
Sugimoto, Y. *see* Numai, T. 3665
Sugimoto, Y. *see* Tajima, K. 29013
Sugimoto, Y. *see* Tajima, K. 30587
Sugimoto, Y. *see* Takagi, H. 17278
Sugimoto, Y. *see* Takahashi, Y. 46121
Sugimoto, Y. *see* Yoshikawa, T. 3608
Sugimura, A., Zhong-can Ou-Yang New controllable optical switching by the frequency modulation method in nematic liquid crystals 3807
Sugimura, H., Kitamura, N., Masuhara, H. Modification of n-Si(100) surface by scanning tunneling microscope tip-induced anodization under nitrogen atmosphere 27725
sugimura, M. *see* Yoshida, M. 15100
Sugimura, T., Suetugu, Y. A consideration for deriving nonbinary irreducible polynomials 26265
Sugimura, T. *see* Narita, M. 19313
Sugimura, T. *see* Sakakihara, M. 34087
Sugimura, T. *see* Ueda, K. 26998
Sugimura, Y. The present and future of elevator, escalator and building systems 40573
Sugimura, Y. *see* Saito, Y. 11224
Sugimura, Y. *see* Sasaki, S. 22488
Sugino, K. *see* Saka, M. 33781
Sugino, S. *see* Chen, D. 18701
Sugino, T., Sakamoto, Y., Ninomiya, H., Matsuda, K., Shirafuji, J. Schottky contacts formed on phosphidized InGaAs 27568
Sugino, T., Yamamura, I., Shirafuji, J. Barrier height enhancement of Au Schottky junctions on phosphine-plasma treated n-AlInAs 34900
Sugino, T. *see* Shirafuji, J. 2122
Suginoshita, F. *see* Suzuki, K. 1615
Suginuma, Y. *see* Takahashi, T. 19178
Sugio, N. *see* Nagashino, H. 897
Sugio, Y., Makimoto, T., Tsugawa, T. Radiation from double gratings excited by a source 12718
Sugioka, K., Toyoda, K. Modification and microfabrication of solid surfaces using excimer lasers 2054
Sugioka, K. *see* Zhang, S.K. 27641
Sugirura, A., Inatsu, M. Effect of various interferences in spread spectrum communication system 45773
Sugisaka, M., Teshnehlab, M. Fast pattern recognition by using moment invariants computation via artificial neural networks 37011
Sugishita, S. *see* Nishida, H. 6263
Sugita, A., Onose, K., Ohmori, Y., Yasu, M. Optical fiber coupling to single-mode silica-based planar lightwave circuits with fiber-guiding grooves 3143
Sugita, A. *see* Aisawa, S. 45954
Sugita, A. *see* Ishii, M. 3129
Sugita, K. *see* Watanabe, E. 8896
Sugita, K. *see* Yamasaki, S. 40576
Sugita, R. *see* Ishida, T. 28380
Sugita, T. *see* Minemura, H. 20271
Sugita, Y. *see* Ishikawa, C. 11492
Sugita, Y. *see* Ishikawa, C. 28382
Sugitani, K., Ueno, F., Inoue, T., Yamashita, T., Nagata, S. Improvement of performances of SC sigma-delta modulators 1280
Sugitani, S. *see* Hyuga, F. 2140
Sugitatsu, H. *see* Ishikawa, M. 17409
Sugitatsu, H. *see* Ishikawa, M. 25737
Sugiuchi, M., Nishizawa, H. Effect of dipole moment on hole transport in molecularly doped polymers 3306
Sugiura, A. *see* Harima, K. 12753
Sugiura, A. *see* Nishikata, A. 4164
Sugiura, E., Watanabe, H., Saito, T., Imoriya, T., Todokoro, Y., Inoue, M. The application of phase-shifting mask to DRAM cell capacitor fabrication 2269
Sugiura, E. *see* Watanabe, H. 34861
Sugiura, H., Wakita, K., Iga, R., Yamada, T. Electroabsorption and modulator characteristics of InGaAsP multiple quantum well laser structures grown by laser-assisted metalorganic molecular beam epitaxy 43872
Sugiura, H. *see* Hasegawa, K.-i. 7387
Sugiura, H. *see* Iga, R. 33620
Sugiura, H. *see* Mitsuhara, M. 41333
Sugiura, H. *see* Nishida, T. 665
Sugiura, H. *see* Rudra, A. 41330
Sugiura, H. *see* Yamaguchi, M. 48137
Sugiura, K. *see* Hori, Y. 16765
Sugiura, M. Review of metal-halide discharge-lamp development 1980-1992 8971
Sugiura, M. *see* Nishimoto, S. 6175
Sugiura, M. *see* Sasaki, M. 7612
Sugiura, N. Equipment practice for optical interconnection 30828
Sugiura, N. Backplane power source capabilities 42324
Sugiura, N. *see* Ippommatsu, M. 17267
Sugiura, N. *see* Kajimura, A. 17349
Sugiura, O., Akiyama, Y. Exact method for measuring x_d and x_q of synchronous motor using watt meter 16821

Sugiura, O., Okada, T., Yamada, M., Akiyama, Y. Trial manufacture of electromagnetic barrel finishing machine 44270
Sugiura, O. *see* Akiyama, Y. 48039
Sugiura, O. *see* Chang-Dong Kim 28152
Sugiura, O. *see* Choi, D.-H. 27469
Sugiura, O. *see* Choi, D.H. 19872
Sugiura, O. *see* Ishihara, R. 9788
Sugiura, O. *see* Matsumura, M. 26485
Sugiura, S., Usami, A. The color space for multibender communication 14786
Sugiura, T. Development of pigment-dispersed-type color filters for LCDs 15136
Sugiura, T. *see* Endo, H. 14320
Sugiura, T. *see* Mizushina, S. 7361
Sugiura, T. *see* Ohishi, H. 7479
Sugiura, Y. *see* Okamoto, H. 46227
Sugiyama, A. Design and test of cathode strip readout 7175
Sugiyama, H. A sampling theorem with equally spaced sampling points on the negative time axis 13284
Sugiyama, H. Method for block synchronisation in optical PPM 23035
Sugiyama, H. *see* Oikawa, S. 25783
Sugiyama, M., Kurinami, K. Minimal classification error optimization for a speaker mapping neural network 4498
Sugiyama, M., Maeyama, S., Scimeca, T., Oshima, M., Oigawa, H., Nannichi, Y., Hashizume, H. Interface structure and chemical bondings in Al/S-passivated GaAs(111) 10911
Sugiyama, M., Murakami, J., Watanabe, H. Speech segmentation and clustering problem based on an unknown-multiple signal source model—an application to segmented speech clustering based on speaker features 29552
Sugiyama, M. *see* Fukuzawa, K. 36587
Sugiyama, M. *see* Kato, Y. 4487
Sugiyama, M. *see* Ohkura, K. 29551
Sugiyama, M. *see* Sagayama, S. 14081
Sugiyama, N. *see* Machida, T. 3057
Sugiyama, S. *see* Asahi, R. 31233
Sugiyama, S. *see* Ohgaki, H. 7190
Sugiyama, S. *see* Tabata, O. 6377
Sugiyama, S. *see* Yokoyama, M. 46720
Sugiyama, T., Kuriyama, Y., Asaka, M., Iizuka, N., Kobayashi, T., Obara, M. Ultra-low resistance base ohmic contact with Pt/Ti/Pt/Au for high-f_{max} AlGaAs/GaAs heterojunction bipolar transistors 42195
Sugiyama, T., Toko, Y., Hashimoto, T., Katoh, K., Iimura, Y., Kobayashi, S. Analytical simulation of electrooptical performance of amorphous twisted nematic liquid crystal displays 20413
Sugiyama, T. *see* Kuriyama, Y. 45914
Sugiyama, T. *see* Naito, K. 16146
Sugiyama, Y. Temperature dependence of an InGaAs-2DEG Hall device with large magnetic sensitivity 46349
Sugiyama, Y. S/N study of Si-implanted InP Hall devices 46412
Sugiyama, Y., Inata, T., Tackeuchi, A., Nakata, Y., Nakamura, S., Muto, S. Study of tunneling time in tunneling bi-quantum-well and resonant tunneling barrier structures 27560
Sugiyama, Y., Mishima, S., Sanshige, Y. Development of full automatic fusion splicer 11593
Sugiyama, Y. *see* Hou, Y. 26904
Sugiyama, Y. *see* Iseki, M. 41499
Sugiyama, Y. *see* Kitamura, M. 12159
Sugiyama, Y. *see* Tackeuchi, A. 35989
Sugiyama, Y. *see* Taguchi, T. 18155
Sugiyama, Y. *see* Wada, T. 27537
Sugiyama, Y. *see* Watanabe, E. 8896
Sugizaki, G., Takenaka, T., Sakata, K., Toda, K. Motion characteristics measurement of rotating object using surface acoustic wave oscillator 14977
Sugizaki, T. *see* Uchida, S. 32444
Sugo, K. *see* Wakino, K. 42328
Sugo, M., Mori, H., Itoh, Y., Tachikawa, M., Sakai, Y. InP-based lasers on Si substrates with microcleaved mirrors 28858
Sugo, M. *see* Sasaki, T. 28649
Sugoong Koh, Young Shin Lee Finite element analysis of pipe whip restraint behavior under jet thrust forces 47629
Sugou, S. *see* Hamamoto, K. 3168
Sugou, S. *see* Ishikawa, H. 5983
Sugou, S. *see* Kuroda, N. 18142
Sugou, S. *see* Shimomura, H. 35922
Suguimoto, M. *see* Hayashi, S. 44766
Suguira, H. *see* Imafuji, O. 12180
Suguro, K. *see* Iinuma, T. 11297
Suguro, K. *see* Wada, J. 34854
Suh, D., Simons, J.K., Taylor, J.W., Koloski, T.S., Calvert, J.M. Soft X-ray photochemistry of chemisorbed self-assembled monolayers 27969
Suh, D. *see* Calvert, J.M. 2309
Suh, H.S., Yoon, T.H., Chung, M.S., Choi, O.S. Frequency and power stabilization of a three longitudinal model He-Ne laser using secondary beat frequency 11917
Suh, K.S., Hwang, S.J., Takada, T. Charge formation in PE/ionomer blends 35168
Suh, K.S., Lee, C.R., Min-Koo Han Electrical conduction of XLPE with vacuum degassed semiconductive electrodes 35167
Suh, K.S. *see* Lee, J.-H. 43198
Suh, K.S. *see* Park, H.H. 34740
Suh Doowon *see* Doowon Suh
Suh Ho Hyung *see* Ho Hyung Suh
Suh-Chyn Jeng *see* Shih-Jen Wang 39783
Suh-Yin Lee, Huan-Ming Kao Video indexing—an approach based on moving object and track 23343
Suhara, M., Islam, S., Yamada, M. Criterion of external feedback sensitivity in index-coupled and gain-coupled DFB semiconductor lasers to be free from excess intensity noise 43903
Suhara, T., Fujimura, M., Nishihara, H. Quasi-phase-matched waveguide optical second harmonic generation devices 21075
Suhara, T., Morimoto, T., Nishihara, H. Optical second-harmonic generation by quasi-phase matching in channel waveguide structure using organic molecular crystal 20344
Suhara, T., Nishihara, H. $LiNbO_3$ quasi-phase matched SHG devices 28964
Suhara, T. *see* Fujimura, M. 20971
Suhara, T. *see* Ura, S. 43501
Suhara, T. *see* Ura, S. 43524
Suhara, T. *see* Ura, S. 46654
Suhara, Y., Madachi, T., Koga, T. A method of approximating characteristics of linear phase filters utilizing interpolation technique in combination with LMS method 1325
Suharutono, N.Takahashi *see* Takahashi Suharutono, N.
Suhir, E. Predicted bow of plastic packages of integrated circuit (IC) devices 300
Suhir, E. Interfacial shearing stress in pull-out testing of dual-coated lightguide specimens 43405
Suhir, E., Paola, C., MacDonald, W.M. Input/output fiber configuration in a laser package design 43412
Suhling, J.C. *see* Jaeger, R.C. 46400
Suhov, Y.M. *see* Karpelevich, F.I. 17986
Suhr, H., Guettinger, T.W. Error reduction in eddy current conductivity measurements 9822
Sui, X., Kryder, M.H. Magnetic easy axis randomly in-plane oriented barium hexaferrite thin film media 2799
Sui Fenghai *see* Shen Guorong 47570
Sui Wan-Chi *see* Wan-Chi Sui
Sui Xiong Cai *see* Wybourne, M.N. 27899
Sui Yun-Kang The expansion of functions under transformation and its application to optimization 41108
Sui-Yuan Lynn *see* Anderson, B. 34783
Suian Zhang, Jie Cui, Tanaka, A., Aoyagi, Y. Short-pulse supersonic nozzle beam epitaxy: a new approach for submonolayer controlled growth 33650
Suilen, C. *see* Guggenheim, N. 38970
Suita, M. *see* Imaizumi, M. 20892
Suitang Zhao *see* Zhao Suitang
Suitor, J.W. *see* Vining, C.B. 17411
Sujikai, H., Takahata, F. Effect of on-board satellite functions to frequency utilization 22980
Sujkowski, Z. *see* Buda, A. 7291
Sujun Liang *see* Liang Sujun
Suk, H. *see* Wang, J.G. 46795
Suk, T. *see* Flusser, J. 45186
Suk Lee Jae *see* Jae Suk Lee
Suk-Ki Min, Won Chel Choi, Hoon Young Cho, Yamaguchi, M. Hydrogenation effects on n^+-p InP solar cell 40474
Suk-Ki Min *see* Chang Woo Lee 42749
Suk-Ki Min *see* Min-Suk Lee 9715
Suk-Ki Min *see* Yong Tae Kim 27793
Sukach, A.V. *see* Mozol', P.E. 42415
Sukach, G.A. Effect of neutron bombardment on the displacement of the *p-n* junction interface in GaAsP:Zn light-emitting diodes 3361
Sukach, G.A., Piotrowski, T.T., Piskorski, M., Svechnikov, S.W., Kaganovitch, E.B. Temperature distribution in GaAlAs/GaAs DH light emitting diodes 35611
Sukach, M.K. Instrument for gravity probing of underwater soil 39392
Sukach, R. *see* Ming Lu 41400
Sukamto, L. *see* Tulinsteff, A. 36419
Sukegawa, K., Kawamura, S. Performance and hot carrier effects of ultra-thin-film SOI/pMOSFETs at 90-300 K 2555
Sukegawa, K. *see* Suzuki, H. 28993
Sukegawa, O. *see* Takahashi, N. 23826
Sukegawa, T. *see* Udono, H. 33682
Sukegawa, T. *see* Watanabe, A. 647
Sukegawa, T. *see* Yano, K. 2535
Sukegawa, T. *see* Yano, K. 19913
Sukhanov, A.I. *see* Aulchenko, V.M. 7220
Sukhanov, A.V. *see* Zakhalyavko, A.V. 19081
Sukhanov, V.I. Three-dimensional deep holograms and materials for recording them 36077
Sukhanov, V.L. *see* Bagraev, N.T. 10826
Sukhanov, V.L. *see* Bagraev, N.T. 19481
Sukhanov, V.L. *see* Verbitskaya, E.M. 46859
Sukhanov, V.V. *see* Kopylova, T.N. 3468
Sukhel' Issa *see* Issa Sukhel'
Sukhina, B.N. *see* Alinovsky, N.I. 15330
Sukhodoev, P.F. *see* Kosolap, D.N. 20957
Sukhoivanov, I.A., Shcherbatko, I.V. On calculating the transfer for characteristics of fibre-optic lines with a microwave subcarrier 28448
Sukhoivanov, I.A., Shcherbatko, I.V. Improving the transmission efficiency of the microwave subcarrier in fibre-optic lines 30831
Sukhorukov, A.P. *see* Komissarova, M.V. 28987
Sukhorukov, E.V. *see* Larkin, I.A. 42495
Sukhorukov, I.V. *see* Kazandzhan, N.N. 1645
Sukhov, I.V. *see* Kolyadin, N.M. 25853
Sukiennicki, B. *see* Fieguth, T. 15555
Sukissian, L., Kollias, S., Boutalis, Y. Adaptive classification of textured images using linear prediction and neural networks 45147
Sukissian, L. *see* Kollias, S. 4895
Sukuki, T. *see* Sakumoto, Y. 38593
Sukumar, V., Ehnert, A. A new power package concept dedicated to surface mount technology 26687
Sukumar, V., Russo, A., Pesce, M., Sueri, S. Automotive ignition power integrated circuits 33124
Sukun Hua *see* Huicong Hong 18131
Sul Seung-Ki *see* Seung-Ki Sul
Sulaiman, M. Adaptive filtering with the recursive discrete Hartley transform 13382
Sulak, F. *see* Cogan, A.I. 1550
Sulak, L. *see* Carey, R. 31749
Sulak, L. *see* Young, K.G. 7242
Suleiman, M.M. Active 1×N fiber splitter with optical amplification for coherent fiber-optics communication systems 43442
Suleiman, O.H., Antonsen, R., Conway, B.J., McCrohan, J.L., Rueter, F.G., Slayton, R. Assessing patient exposure in fluoroscopy 15941
Suleiman, O.H., Rueter, F.G., Antonsen, R.G., Conway, B.J., Slayton, R.J. The sensitometric technique for the evaluation of processing (STEP) 24179
Suleman, M. *see* Warris, J. 27796
Sulhoff, J.W. *see* Fischer, B. 3560
Sulhoff, J.W. *see* Fischer, B. 20749
Sulhoff, J.W. *see* Smart, R.G. 3514
Sulkin, A. Wanted: benchmark measurements for call processing 5407
Sulkin, A. Distributed call management centers 37281
Suller, V.P. Review of the status of synchrotron radiation storage rings 15275
Suller, V.P. *see* Clarke, J.A. 7130
Suller, V.P. *see* Clarke, J.A. 15361
Suller, V.P. *see* Wilson, M.N. 7113
Sullivan, B.T. *see* Myslinski, P. 3571
Sullivan, B.T. *see* Waldorf, A.J. 11804
Sullivan, C. *see* Bristow, J. 7532
Sullivan, C. *see* Mounce, B. 43081
Sullivan, C.A. *see* Gold, S.H. 1784
Sullivan, C.A. *see* Gold, S.H. 1792
Sullivan, C.R., Sanders, S.R. Modeling the effects of magnetic saturation on electrical machine control systems 8377
Sullivan, D.C. *see* Durgin, H.W. 15708
Sullivan, D.J. *see* Arman, M.J. 41679
Sullivan, E.J., Middleton, D. Estimation and detection issues in matched-field processing 4661
Sullivan, E.J. *see* Candy, J.V. 4666
Sullivan, E.J. *see* Candy, J.V. 44957
Sullivan, G.J., Szwed, M.K., Hardwick, D.A., Higgins, J.A., Waldrop, J.R., Chang, M.F. Improved thermal performance of AlGaAs/GaAs HBTs by transferring the epitaxial layers to high-thermal-conductivity substrates 2464
Sullivan, G.J. *see* Asbeck, P.M. 28114
Sullivan, G.R. *see* King, W.L. 24888
Sullivan, G.W. SDC calorimeter triggers 24103
Sullivan, J., Ebeling, J. Putting DSM on ice 39482
Sullivan, J.A., Allen, G.R., Berggren, R.R., Czuchlewski, S.J., Harris, D.B., Jones, M.E., Krohn, B.J., Kurnit, N.A., Leland, W.T., Mansfield, C., McLeod, J., McCown, A.W., Pendergrass, J.H., Rose, E.A., Rosocha, L.A., Thomas, V.A. KrF amplifier design issues and application to inertial confinement fusion system design 3426
Sullivan, J.A. *see* Harris, D.B. 3422
Sullivan, J.E. *see* Adams, J.W. 27082
Sullivan, J.M., Hubbard, J.E., Jr., Burke, S.E. Modeling approach for two-dimensional distributed transducers of arbitrary spatial distribution 38463
Sullivan, J.M., Jr. *see* Paulsen, K.D. 31970
Sullivan, J.P. *see* Britton, C.L., Jr. 46993
Sullivan, J.R. *see* Spaulding, K.E. 22085
Sullivan, K.P.H. Novel-word pronunciation: a cross-language study 13059
Sullivan, K.P.H., Damper, R.I. Novel-word pronunciation: a cross-language study 29535
Sullivan, M., Taylor, J.W. Imaging dissolution rate monitor: mapping the photoresist response 27963
Sullivan, M. *see* Stefani, J.A. 11040
Sullivan, P., Chernicky, J. Design considerations, high speed test, and reliability of a high density multichip module 9306
Sullivan, P.A., Gabara, T.J., Frye, R.C. Low power considerations in multichip modules 17890
Sullivan, P.J. *see* Dong, W.P. 31465
Sullivan, P.J. *see* Luo, N.L. 31441
Sullivan, P.J. *see* Mainsah, E. 31474

Sullivan, R., Fowler, T., Jones, H., Thorne, L. Electricity from coal and gas—a cost comparison 25192
Sullivan, R. *see* Kaffashan, A. 32542
Sullivan, T.D., Miller, L.A. Stress-induced voiding vs temperature and passivation thickness in Al-0.5%Cu-2%Si, Al-0.5%Cu and Al-1%Si 34803
Sullivan, T.D. *see* Licata, T.J. 34819
Sullivan, T.D. *see* Rauch, S.E. 2206
Sullivan, W.B. Leading-edge threshold circuit aids DFD accuracy 26755
Sullivan, W.B. Extended resolution TOA measurement in an IFM receiver 30897
Sully, P. *see* Burton, J.D. 12195
Sully, P.C. *see* Sherlock, G. 28489
Sultan, A., Batra, S., Lobo, M., Park, K., Banerjee, S. Modeling of boron diffusion in polysilicon-on-silicon layers 19519
Sultan, A., Bhattacharya, S., Batra, S., Banerjee, S. Boltzmann-Matano analysis based model for boron diffusion from polysilicon into single crystal silicon 42623
Sultan, A., Lobo, M., Bhattacharya, S., Banerjee, S., Batra, S., Manning, M., Dennison, C. A physically based phenomenological model using Boltzmann-Matano analysis for boron diffusion from polycrystalline Si into single crystal Si 2024
Sultan, A. *see* Lin, J. 2067
Sultan, A.F., Swift, G.W., Fedirchuk, D.J. Detecting arcing downed-wires using fault current flicker and half-cycle asymmetry 47546
Sultana, J.A. *see* Scozzafava, J.J. 43494
Sultanov, A.M. *see* Korol'kov, V.I. 12292
Sultanov, A.S. *see* Antyufeev, V.I. 29739
Sultanov, A.S. *see* Bykov, V.N. 31410
Sultanov, A.T. *see* Antonov, B.M. 25836
Sultanov, S. *see* Islamova, V.I. 39669
Sultanov, T.T. *see* Zubov, V.A. 21960
Sultanova, N. *see* Kasprzak, H. 44157
Sultanova, N.G. *see* Nikolov, I.D. 30043
Sulygin, I.I. *see* Katalev, V.V. 15461
Sulygin, I.I. *see* Kvashonkin, I.A. 9975
Sulz, G., Kuhner, G., Reiter, H., Uptmoor, G., Schweizer, W., Low, H., Lacher, M., Steiner, K. Ni, In and Sb and implanted Pt and V catalysed thin-film SnO_2 gas sensors 6642
Sulzbacher, N. *see* Hermann, A. 37314
Sulzer, M.I. A new type of alternating code for incoherent scatter measurements 23159
Sum, J.C. *see* Riley, P.E. 10923
Sum, R. *see* Dammer, U. 28348
Sum Ngai *see* Ngoi, B.K.A. 2285
Suma, K. *see* Tsukude, M. 1229
Sumargo, H. *see* Adjouadi, M. 13706
Sumbatyan, M.A., Boyev, N.V. Mathematical modelling for the practice of ultrasonic inspection 18360
Sumetskii, M. Narrow current dip for the double quantum dot resonant tunneling structure with three leads: sensitive nanometer Y-branch switch 10710
Sumi, A. *see* Hisanaga, K. 14346
Sumi, K., Yamazaki, S., Ubukata, H. Twisted pair cables for high-speed local area network 22631
Sumi, M., Matsubara, Y., Shinohara, S. Distance and velocity measurement using self-mixing effect of sinusoidally-modulated semiconductor laser diode 21136
Sumi, M. *see* Miyamoto, H. 17361
Sumi, M. *see* Shinohara, S. 15263
Sumi, R. *see* Collings, N. 11765
Sumi, S., Teragaki, Y., Kusumoto, Y., Torazawa, K., Tsunashima, S., Uchiyama, S. Structure and recording properties of Pt/Co magneto-optical disks with various underlayers 11478
Sumi, T. *see* Kato, N. 37874
Sumi, T. *see* Shiomi, T. 41892
Sumic, Z., Venkata, S.S., Pistorese, T., Wei, X., Yeh, E.-C., Atteri, R. Implementation of an AI based design tool in a facility management system 32363
Sumic, Z., Yeh, E.-C., Venkata, S.S. SER (SEcondary Router): a GIS-based expert system for URD secondary design 32366
Sumida, T. Fiber-optic subscriber networks for the twenty-first century. NTT's Otemachi New Media Center 22693
Sumie, S. *see* Takamatsu, H. 10874
Sumikawa, T. *see* Mukaiyama, Y. 8676
Sumino, S. *see* Ueda, H. 14832
Sumita, I. *see* Udagawa, M. 42687
Sumitha, J. *see* Audsin Mohana Dhas, D. 26270
Sumitomo, K. *see* Hibino, H. 26427
Sumiya, M. *see* Kawasaki, M. 27456
Sumiya, T. *see* Ishihara, H. 35240
Sumiyoshi, F. *see* Kawabata, S. 47534
Sumiyoshi, H. *see* Suzuki, Y. 45242
Sumiyoshi, I. *see* Kawabata, M. 36052
Sumiyoshi, T. Present status of the 'Fast RICH Project' 7172
Sumiyoshi, T., Ashidate, S., Kannari, F., Obara, M. High performance pulsed HF chemical lasers 11989
Sumiyoshi, T. *see* Enomoto, R. 42351
Sumiyoshi, T. *see* Guyonnet, J.L. 46904
Sumiyoshi, T. *see* Kruger, A. 38860
Sumiyoshi, Y. *see* Okamura, T. 25355
Sumiyoshitani, S. Effects of an applied electric field on collection efficiency by a charged droplet for dust particles in charged droplet scrubbers 47620
Sumiyoshitani, S. *see* Takuma, T. 31372
Summa, J.R. *see* Smith, B.W. 2373
Summa, J.R. *see* Toledo-Crow, R. 15205
Summa, V. *see* Alrutz, H. 6209
Summerfield, C.D. *see* Chau, M.D. 12999
Summerfield, M.A., Lacey, J.P.R., Lowery, A.J., Tucker, R.S. All-optical TDM to WDM conversion in a semiconductor optical amplifier 37975
Summerfield, M.A., Tucker, R.S. Bit-error-rate measurements of a semiconductor optical amplifier frequency converter 35825
Summerfield, Q. *see* Culling, J.F. 29562
Summerfield, S. Two port adaptor for wave digital filters based on nonredundant radix-4 arithmetic 27058
Summerfield, S. *see* Harris-Dowsett, D. 42055
Summerford, J.W. MCM development roadmap—the EIA perspective 9361
Summers, G.L. *see* Todd, J.R. 39245
Summers, G.P., Burke, E.A., Shapiro, P., Messenger, S.R., Walters, R.J. Damage correlations in semiconductors exposed to gamma, electron and proton radiations 34884
Summers, G.P. *see* Shaw, G.J. 3330
Summers, G.P. *see* Shaw, G.J. 35029
Summers, H.D., Blood, P. Strain effects in $(Al_yGa_{1-y})_xIn_{1-x}P$ lasers operating at fixed threshold gain 35774
Summers, H.D., Blood, P. Strained AlGaInP visible emitting quantum well lasers 35862
Summers, H.D., Blood, P., Rees, P. Gain-current characteristics of strained AlGaInP quantum well lasers 3649
Summers, L.G. *see* Todd, J.R. 39222
Summers, L.K. *see* Campisi, I.E. 15493
Summers, R., Carson, E.R., Cramp, D.G. Ventilator management: the role of knowledge-based technology 39104
Summers, R. *see* Clapp, W.G. 123
Summersgill, P. *see* Harvey, T.G. 43453
Summit, J. *see* Clark, A. 41668
Summonte, C., Biavati, M., Gabilli, E., Galloni, R., Guerri, S., Rizzoli, R., Zignani, F. Spectral behavior of solar cells based on the 'junction near local defect layer' design 8746
Summonte, C. *see* Demichelis, F. 27495
Summonte, C. *see* Demichelis, F. 28604
Sumner, M., Asher, G.M. The development of a complete self-commissioning, self-tuning vector controlled drive 47872
Sumner, M., Asher, G.M., Aksu, I. Rotor time constant identification for vector controlled induction motor drives under dynamic operating conditions 17482
Sumner, M., Asher, G.M., Pena, R. The experimental investigation of rotor time constant identification for vector controlled induction motor drives during transient operating conditions 8848
Sumner, R.C., Holbrook, D.S. Simulating the stitching performance of flat panel display steppers 6694
Sumrell, C.C. *see* Cavin, R. 34399
Sun, A., Edwards, C., Kane, A., Pandipati, S. Space propulsion: the antimatter advantage 24446
Sun, C. *see* Pothen, A. 594
Sun, C.J. *see* Huang, C.-J. 11177
Sun, C.J. *see* Saxler, A. 18207
Sun, C.Y. *see* Hsieh, J.T. 10952
Sun, D., Beanland, R., Joyce, T.B.F., Armstrong, J.V., Bullough, T.J., Goodhew, P.J. Orientations and morphology of Al layers grown on GaAs by chemical beam epitaxy 708
Sun, D., Towe, E. Strain-generated internal fields in pseudomorphic (In, Ga)As/GaAs quantum well structures on {11/} GaAs substrates 42475
Sun, D., Towe, E. Operation of strained-layer (In,Ga)As quantum well lasers prepared on (112)B GaAs substrate 43953
Sun, D., Towe, E., Hayduk, M.J., Boncek, R.K. Observation of polarization-dependent electroabsorption in (In,Ga)As/GaAs modulator structures oriented in the [110]crystallographic direction 11680
Sun, F. *see* Zhou, S. 926
Sun, F.P., Liang, C., Rogers, C.A., Vick, L. Magnetic activation of embedded sensory particles in active tagging interrogation of adhesive bonding 18364
Sun, F.P. *see* Liang, C. 35186
Sun, F.P. *see* Liang, C. 43230
Sun, F.W. *see* Fang, G. 12847
Sun, G.-Z. *see* Liu, Y. 4486
Sun, H. Hierarchical decoder for MPEG compressed video data 4943
Sun, H. *see* Kwok, W. 13525
Sun, H.C., Bhattacharya, P., Singh, J., Davis, L., Sethi, S. A tunneling injection quantum well laser 20895
Sun, H.C., Davis, L., Sethi, S., Singh, J., Bhattacharya, P. Properties of a tunneling injection quantum-well laser: Recipe for 'cold' device with a large modulation bandwidth 20782
Sun, J. *see* Ono, T. 14862
Sun, J.-D., Krishna, H. Fast algorithms for erasures and error correction in redundant residue number systems 12834
Sun, J.-D., Krishna, H., Lin, K.-Y. A superfast algorithm for single-error correction in RRNS and hardware implementation 44896
Sun, J.-D. *see* Krishna, H. 21515
Sun, J.A. *see* He, Y.J. 13481
Sun, J.P. *see* Mohan, S. 10077
Sun, J.S., Brodersen, R.W. Design of system interface modules 26772
Sun, J.Y.-C. *see* Crabbe, E.F. 11146
Sun, J.Y.-C. *see* Shahidi, G.G. 11305
Sun, J.Y.-C. *see* Zhao, J. 20027
Sun, J.Y.-C. *see* Zhao, J. 34936
Sun, J.Y.C. *see* Toh, K.Y. 10138
Sun, J.Z., Gallagher, W.J., Callegari, A.C., Foglietti, V., Koch, R.H. Improved process for high-T_c superconducting step-edge junctions 2901
Sun, J.Z. *see* Laibowitz, R.B. 20208
Sun, K. MSSW and MSVW in a multilayered ferrimagnetic structure with an arbitrary orientation between two static magnetizations 20140
Sun, K.J., Johnston, P.H. Mode conversions of Lamb waves for inspection of disbonds 9819
Sun, K.T., Fu, H.C. A digital neural network for the traffic control problem on crossbar switch networks 30177
Sun, L., Wan, L., Gao, Y.-G. Response of parallel multi-impedance transmission line excited by plane wave 29226
Sun, L., Yip, G.L. Modified finite-difference beam-propagation method based on the Douglas scheme 3082
Sun, L. *see* Xu, Z.Z. 35688
Sun, M., Li, C.-C., Sclabassi, R.J. Edge localization in images by symmetrical wavelet transforms 22105
Sun, P.-C., Leith, E.N. Broad-source image plane holography as a confocal imaging process 36066
Sun, S., Dawson, F.P., Iravani, M.R. Modelling and control of a series dual bridge GTO voltage source converter 8621
Sun, S. *see* Li, H. 25878
Sun, S. *see* Li, Q. 7632
Sun, S.C., Chang, H.Y., Chao, T.S., Lu, C.Y., Chang, S.W., Lee, K.Y., Lee, L.S. High quality MOSFETs with N_2O annealed thin TEOS gate oxide 19854
Sun, S.C. *see* Tien Sheng Chao 2157
Sun, S.S. *see* Yu, J.E. 42655
Sun, S.Z. *see* Zhou, P. 3392
Sun, T., Neuvo, Y. A simple synthesis method for weighted median filters 22201
Sun, T.C., Lai, K.K., Lam, K., So, K.P. A study of heuristics for bidirectional multi-hoist production scheduling systems 26159
Sun, W. *see* Jansz, W. 20016
Sun, W.-J., Roy, K., Sechen, C. Fast, high-quality placement for large circuits 19934
Sun, X., Davidson, F.M., Abshire, J.B. Multishot laser altimeter: design and performance 6148
Sun, X., Serra, M. Merging concurrent checking and off-line BIST 14882
Sun, X., Zhang, M. Quantum electronics analysis of second-harmonic generation in optical waveguides 3865
Sun, X. *see* Kolawa, E. 10998
Sun, X.K. *see* Liu Wei 43260
Sun, Y., Fidler, J.K. A topological method of class-fault diagnosis [of analog circuits] 9867
Sun, Y., Fidler, J.K. Some design methods of OTA-C and CCII-RC filters 42033
Sun, Y., Kagawa, Y. Variational formulations for boundary elements—eigenvalue solutions in two-dimensional Helmholtz equations 464
Sun, Y., Kagawa, Y., Murai, T. A variational approach to boundary elements—two-dimensional Laplace problem 29098
Sun, Y., Lin, P. An improved method of ISAR image processing 23108
Sun, Y., Sarrafzadeh, M. Floorplanning by graph dualization: L-shaped modules 9880
Sun, Y. *see* Wang, T.-C. 19938
Sun, Y.-B. *see* Kwo, K.-W. 9796
Sun, Y.-B. *see* Lee, G.-S. 10861
Sun, Y.-C. *see* Thakor, N.V. 31934
Sun, Y.C. *see* Arienzo, M. 11161
Sun, Y.S. Revised Miner's rule and its application in calculating equivalent loads for components 33432
Sun, Z., Coakley, F., Smythe, C., Evans, B.G. Performance studies of the CATALYST satellite bridge for the RACE project 5857
Sun, Z., Moisio, T. Laser beam welding of austenitic/ferritic dissimilar steel joints using nickel based filler wire 17629
Sun, Z.J., Jannson, T. Coupling between tilted Gaussian beam and graded-index multi-mode fibre 21325
Sun, Z.L. *see* Ning Chen 1401
Sun, Z.L. *see* Rong, A.S. 34267
Sun Ming-Ting *see* Ming-Ting Sun
Sun Baoyuan *see* Nin Zhiming 23906
Sun Bo *see* Chai Yanjie 28909
Sun Bo *see* Bo Sun
Sun Bok Lee, Hwa Ee Lee, Dae Hwan Kim, Seon Kyeong Han, Young Gou You Development of

a noise simulation software for high speed printed circuit boards 1705
Sun Caixin, Gu Leguan, Sima Wenxia, Zhang Jianhui The structure and characteristics of chemical absorbed film on insulator vitreous surface 16412
Sun Caixin *see* Gu Leguan 16409
Sun Caixin *see* Gu Leguan 16410
Sun Caixin *see* Gu Leguan 16411
Sun Caixin *see* Zhang Jianhui 7984
Sun Changyu *see* Li Qihu 29689
Sun Ching-Cherng *see* Ching-Cherng Sun
Sun Chong-Ho *see* Chong-Ho Sun
Sun De-Feng, Wang Jin-De An approximate method for stochastic programming with recourse 41107
Sun De-Gui *see* De-Gui Sun
Sun Dianzhao *see* Dianzhao Sun
Sun Diechi *see* Zhang Xiaotian 12036
Sun En-Yuan *see* En-Yuan Sun
Sun Fanping *see* Fanping Sun
Sun Feng-Wen *see* Feng-Wen Sun
Sun Furong *see* Zhuang Wanru 28668
Sun Geng Symplectic partitioned Runge-Kutta methods 9478
Sun Guangbui, Zhang Daonong, Lu Shihe, Hou Xiaozheng Design of a stability and security control system for Shentou District in North China 7862
Sun Guangshen, Wang Yongrong, Feng Rongqiong, Yan Ping Self-excited oscillation in HVDC interruption 17120
Sun Guangsheng *see* Feng Rongqiong 17121
Sun Guangsheng *see* Yan Ping 17118
Sun Gui-Jing *see* Li Shang-Ping 46601
Sun Guoliang *see* Guoliang Sun
Sun Guongsheng *see* Wang Yongrong 17119
Sun Guosheng, Kong Guanglin Relaxation process of light-induced metastable defects in a-Si:H: experimental verification of HCR and DCR models 19331
Sun Handong *see* Handong Sun
Sun Hansheng *see* Wang Yunyong 46879
Sun Henghui *see* Henghui Sun
Sun Hong-Tao *see* Wu Ming-Tang 23557
Sun Hongbo *see* Hongbo Sun
Sun Hui-Yuan *see* Tang Gui-De 28365
Sun Jiahua, Li Dianguo, Lu Yaxuan, Liu Wansheng, Li Xiaojun Application of spark erosion test to the study on metallic materials for MHD channel electrode 25801
Sun Jiahua *see* Lu Yaxuan 25803
Sun Jian *see* Jian Sun
Sun Jianhua Transient stability real-time prediction for multi-machine power systems by using observation 16143
Sun Jincheng, Li Changli, Mo Fuyuan, Li Tong, Ni Hong Consideration of testing database for Chinese human-machine communication system 29545
Sun Jinfan *see* Wu Zhongjun 28432
Sun Jingshan *see* Wang Xiangwu 10441
Sun Jintan, Chen Jungning Gettering effect of laser induced damage on a silicon wafer backside 10890
Sun Jintan *see* Chen Junning 19890
Sun Juan *see* Gao Xiang 10688
Sun Ko Jong *see* Jong Sun Ko
Sun Lan *see* Lan Sun
Sun Liangyan *see* Liangyan Sun
Sun Lizhong *see* Lizhong Sun
Sun Min *see* Wang Zhangqi 8710
Sun Mingui *see* Mingui Sun
Sun Oh Yong *see* Yong Sun Oh
Sun Shenyan *see* Feng Jiang 8295
Sun Suoying *see* Hou Wenbo 9501
Sun Tai-Ping *see* Tai-Ping Sun
Sun Tong *see* Tong Sun
Sun Tongkun Experimental research on laser welding of 1 mm steel sheet 29072
Sun Wei *see* Wei Sun
Sun WeiKai *see* WeiKai Sun
Sun Weimin *see* Weimin Sun
Sun Xiang-Chun *see* Zhang Cheng-Rui 31100
Sun Xiao-Ming, Qiang Xi-Fu, Zhu Mao-Hua Absolute distance measurement with high accuracy using a laser diode 23898
Sun Xiaohan *see* Xiaohan Sun
Sun Xiaoli *see* Xiaoli Sun
Sun Xiqing, Li Zhijian, Fei Guifu Micro polysilicon beam switch vibrator 27335
Sun Xiqing, Li Zhijian, Fei Guifu, Liu Litian A silicon based micro electro-static motor with some structure improvements 25476
Sun Xueli *see* Wang Jingyi 18292
Sun Ya-Ming *see* Ya-Ming Sun
Sun Yachyang *see* Yachyang Sun
Sun Yang *see* Yang Sun
Sun Yeneng *see* Yeneng Sun
Sun Yichuang *see* Yichuang Sun
Sun Ying *see* Ying Sun
Sun Yinguan *see* Yinguan Sun
Sun Yong Kim *see* Jae Cheol Son 21732
Sun Yong Kim *see* Kim, S. 21803
Sun York-Yih *see* York-Yih Sun
Sun Young Hwang *see* Won Soo Lim 33826
Sun Young Hwang *see* Yong Jae Lee 1214
Sun Young Kim *see* Jinho Choi 29586
Sun Young-Seek *see* Young-Seek Sun
Sun Yu, Liu Yan-Bing, Zhang Wei-Jun, Yang Yong-Hua Several considerations in design of practical fiber optical magnetometer 46462
Sun Yung-Nien *see* Yung-Nien Sun
Sun Yushi *see* Zhao Yang 3981
Sun Zeng *see* Li Qihu 29689
Sun Zhaoying, Li Bin Studies on flashover characteristics of air gap of ±500 kV DC guyed tower under composite voltage 32446
Sun Zhen *see* Zhen Sun
Sun Zhijian *see* Zhijian Sun
Sun Zhongkang *see* Liu Bo 29843
Sun Zhongkang *see* Song Liuping 47316
Sun Zhonglin *see* Jiao Lihong 28645
Sun-Hyun Youn, Wonho Jhe, Jai-Hyung Lee, Joon-Sung Chang Effect of vacuum fluctuations on the quantum-mechanical amplitude noise of a laser diode in feedback systems 28854
Sun-Lang Hsiao *see* Mu-Kuen Chang 37564
Sun-Paduano, Q. *see* Ren, F.Y.G. 11868
Sun-Paduano, Q. *see* Ren, F.Y.G. 20584
Sunada, G. *see* Chen, T. 1230
Sunaga, K. *see* Kawashima, H. 20083
Sunaga, K. *see* Kawashima, H. 20104
Sunaga, K. *see* Kawashima, H. 35197
Sunaga, M., Yoshii, K., Muraoka, M. Recent technology of large capacity bulb turbine-generators 32779
Sunaga, T., Sampei, S. Performance of multi-level QAM with post-detection maximal ratio combining space diversity for digital land-mobile radio communications 5777
Sunaga, Y. *see* Oguchi, K. 25538
Sunagawa, H. *see* Hatori, M. 3242
Sunahara, H. *see* Wakino, K. 42328
Sunahara, Y., Ohmine, H., Aoki, H., Katagi, T., Hashimoto, T. Separated equivalent edge current method for calculating scattering cross sections of polyhedron structures 21234
Sunahara, Y. *see* Miyashita, H. 29386
Sunak, H.R.D. *see* Bao, J. 3512
Sunak, H.R.D. *see* Krishnan, M. 3510
Sunak, H.R.D. *see* Sridhar, B. 3507
Sunak, H.R.D. *see* Sridhar, B. 3515
Sunamura, H. *see* Fukatsu, S. 41363
Sunamura, H. *see* Shiraki, Y. 19399
Sund, S.E. *see* Phelps, R.A. 38798
Sundar Varada Raj, P. *see* Swaroop, A. 16704
Sundara Murthy, K.M. *see* Makrakis, D. 37793
Sundara Murthy, K.M. *see* Weihua Zhuang 38185
Sundara Raja, V. *see* Subbaramaiah, K. 33044
Sundara Raman, N. Digital Circuit Multiplication Equipment 37665
Sundara Raman, N., Kumar, R. SACFA procedure for siting clearance [radio systems] 37724
Sundara Raman, N., Srivastava, U.K. Cellular radio mobile system 5813
Sundara Raman, N., Srivastava, U.K. Satellite based radio paging 37883
Sundara Raman, N., Srivastava, U.K. GSM – architecture, services and features 45875
Sundarajan, R., Gorur, R.S. Influence of profiles on DC insulator performance under polluted conditions 39635
Sundaram, K.B. New experimental technique for the fabrication of ion diffused optical glass waveguides 3117
Sundaram, K.B. *see* Lee, K.R. 9709
Sundaram, K.B. *see* Lee, K.R. 9757
Sundaram, K.V.S. HD radiant boiler 25351
Sundaram, S. *see* Candelaria, J. 2648
Sundaram, V.S., Doyle, D.H. Zinc doping of GaAs employing a novel 'proximity diffusion' technique 2057
Sundaram, V.S. *see* Gruenbaum, P.E. 33047
Sundararajan, G. *see* Vijaya, R. 12377
Sundararajan, N. *see* Maani, G.G. 16892
Sundararajan, R., Gorur, R.S. Effect of insulator profiles on DC flashover voltage under polluted conditions. A study using a dynamic arc model 47558
Sundareshan, M.K. *see* Meempat, G. 45291
Sundarkar, M.S. *see* Naik, S.D. 25392
Sundberg, C.-E.W. *see* Seshadri, N. 12913
Sundberg, C.-E.W. *see* Seshadri, N. 22857
Sundberg, E. *see* Svensson, T. 2955
Sundberg, E. *see* Svensson, T. 2999
Sundberg, E. *see* Svensson, T. 35370
Sundberg, J. How can music be expressive? 6270
Sundblad, R. *see* Dell'Acqua, A. 7283
Sundblad, R. *see* Dell'Acqua, A. 46998
Sundbom, T.A. *see* Ebeling, J.A. 40003
Sundborg, J. Universal personal telecommunication (UPT) – concept and standardisation 14467
Sunde, V. *see* Bencic, Z. 42537
Sundelin, R. *see* Jordan, K. 15295
Sundeman, L. *see* Svensson, T. 35370
Sunder, K. *see* Padmanabhan, K. 26993
Sunder, K. *see* Padmanabhan, K. 47065
Sunder, S., Ramachandran, R.P. A least-squares approach for the design of nonrecursive differentiators of arbitrary order 10307
Sunder, S., Ramachandran, V. Systolic implementation of multidimensional nonrecursive digital filters 34174
Sunder, S. *see* Ramachandran, R.P. 44835
Sunderam, V.S., Geist, G.A., Dongarra, J., Manchek, R. The PVM concurrent computing system: evolution, experiences, and trends 45606
Sundgren, H. *see* Lundstrom, I. 23750
Sundgren, H. *see* Winquist, F. 6625
Sundgren, H. *see* Winquist, F. 23757
Sundgren, J.-E. *see* Radnoczi, G. 41263
Sundgren, J.-E. *see* Wahab, Q. 684
Sundhar, S., Bernstorf, A. Study on naturally aged polymer insulators and weathersheds 39629
Sundquist, M. *see* Anderson, D.R. 7064
Sundquist, M.J., Elver, S.A. Dissolved oxygen analysis for hydropower additions on the Illinois River 32777
Sundqvist, B.U.R. *see* Huth-Fehre, T. 35961
Sundrum, L. *see* Steffens, M.B. 5272
Sundsbo, I., Timmermann, D. Alternative DPCM architecture for high sampling rates 21488
Sundstrom, B., Min, K. Identification of passive millimeter-wave images using neural networks 29770
Sundstrom, D.G. The repowering of Wabash River Station Unit No. 1 with Destec energy coal gasification 8215
Sundstrom, E.J. *see* Leschber, D. 39907
Sundstrom, G.A., Salvador, A.C. Understanding operators' information needs for system design 22729
Sunduchkov, K.S., Galitsyn, V.V., Tuzenko, A.P. The design of a low-noise amplifier stage 9989
Sune, J. *see* Nafria, M. 1956
Sung, A.H. *see* Chang, W. 22179
Sung, E., Singh, H., Tan, D.T.H. Colour and stereovision tracking of road features 21989
Sung, H. *see* Louri, A. 11784
Sung, H. *see* Louri, A. 20455
Sung, J.J. *see* Yan, R.H. 11181
Sung, J.M. *see* Liu, R. 19852
Sung, J.M. *see* Liu, T.M. 20025
Sung, K.T., Juan, W.H., Pang, S.W., Horn, M.W. Low temperature etching of silylated resist in an oxygen plasma generated by an electron cyclotron resonance source 19555
Sung, L.B. *see* Yew, K.T. 30371
Sung, T. *see* Whang, I.H. 38140
Sung, Y.-C., Yang, J.-F. An audio compression system using modified transform coding and dynamic bit allocation 4660
Sung Chih-Yuan *see* Chih-Yuan Sung
Sung Choi Min *see* Min Sung Choi
Sung Chul Kim, Kyu Chang Park, Sung Ki Kim, Jung Mok Jun, Jin Jang Growth of polycrystalline silicon films at low temperature by remote plasma CVD 18271
Sung Chul Kim *see* Jin Jang 41438
Sung Chul Kim *see* Kyu Chang Park 26487
Sung Chun Kim *see* Byoung Seob Park 37135
Sung Chun Kim *see* Jae Ho Song 45322
Sung Dae-Young *see* Dae-Young Sung
Sung Jin Song, Nam Soo Joo, Oh Young Kwon, Tack Don Han Design and implementation of datapath compiler using module generators 26554
Sung June Hong, Sunyoung Han User interface for network management in distributed environment 37335
Sung Ki Kim *see* Jin Jang 41438
Sung Ki Kim *see* Kyu Chang Park 26487
Sung Ki Kim *see* Sung Chul Kim 18271
Sung Kim Ho *see* Ho Sung Kim
Sung Kim Jong *see* Jong Sung Kim
Sung Laih Chi *see* Chi Sung Laih
Sung Park *see* Gary, S. 41931
Sung Rak Kim, Dongil Han, Zeungnam Bien Design and implementation of an automatic adjustment system for integrated tube components 17816
Sung Rak Kim, Tai Shin Chung, Zeungnam Bien Modelling and automatic control of color picture tube adjustment process 23296
Sung Shin *see* Bin Cong 30452
Sung Tack Ro *see* Tong Seop Kim 47782
Sung Tae Ahn *see* Nae-In Lee 42773
Sung Tae Ahn *see* Tai-Su Park 42690
Sung Tae Jung, Hyong Shik Kim, Chu Shik Jhon An operational model of dual-rail self-timed combinational circuits 26775
Sung Tae Kyung *see* Tae Kyung Sung
Sung Wook Han *see* Hwan Seong Moon 33734
Sung Wu Chang *see* Tze Fen Li 26285
Sung Yong Hong, Se Yun Kim, Jung Woong Ra Electromagnetic coupling to nonuniform transmission lines. II. Correction to the cylindrical TEM mode solution 4170
Sung Yoo Soon *see* Soon Sung Yoo
Sung Youn Jong *see* Jong Sung Youn
Sung Yu-Ming *see* Yu-Ming Sung
Sung Yung Kwon *see* Yung Kwon Sung
Sung Yung-Kwon *see* Yung-Kwon Sung
Sung-Cheng Huang *see* China, G. 39013
Sung-Chuan Fang *see* Chieh Changfan 18435
Sung-Chun Kim *see* Jae-Ho Song 37137
Sung-Eun Choi *see* Bolding, K. 34121
Sung-Ho Park *see* Burgess, B. 41930
Sung-Ho Park *see* Sang-Yu Lee 19748
Sung-Jhl Kim, Ryum, B.R., Sang-Won Kang, Wonchan Kim The effect of a parasitic potential barrier on the neutral base recombination current of Si/SiGe/Si DHBTs 28108
Sung-Jin Song, Schmerr, L.W. New approaches to ultrasonic equivalent sizing for small flaws 921
Sung-Kyun Kim *see* Yon-Tack Chung 11185

Sung-Ming Yen, Chi-Sung Laih The fast cascade exponentiation algorithm and its applications on cryptography 21569
Sung-Ming Yen *see* Chi-Sung Laih 12894
Sung-Ming Yen *see* Chi-Sung Laih 12952
Sung-Ming Yen *see* Chi-Sung Laih 36578
Sung-Mo Kang *see* Diaz, C. 28258
Sung-Mo Kang *see* Diaz, C.H. 43128
Sung-Mo Kang *see* Sapatnekar, S.S. 26776
Sung-Sik Yu, Yung Joon Hah, Poong Hyun Seong Quantitative evaluation on design simplification of the chemical and volume control system 39860
Sung-Woo An *see* Kobayashi, T. 44789
Sung-Yuen Wang, Wei-Yu Lee, Shug-June Hwang A vector Galerkin's method based on E fields 43435
Sunga, B.R., Sidhu, T.S., Sachdev, M.S. A model ing approach for digital protection of synchro nous generators 32844
Sungho Jin *see* McCormack, M. 877
Sungho Kang, Szygenda, S.A. The simulation automation system (SAS): concepts, implemen tation, and results 41594
Suni, I. *see* Kattelus, H. 9671
Suning Tang, Chen, R.T. 1-to-27 highly parallel three dimensional intra- and inter-board optical interconnects 43688
Sunohara, M. *see* Tanaka, Y. 35540
Sunta, C.M., Yoshimura, E.M., Okuno, E. Sensiti zation and supralinearity of CaF_2: natural thermoluminescent phosphor—interpretation based on partially interactive traps 43626
Sunthankar, S. Three dimensional solid object laser scanner 36080
Sunthankar, S., Jaravine, V.A. Invariant pattern recognition using higher-order neural networks 36789
Sunthankar, S. *see* Koosha, A.R. 47291
Suntola, T. CdTe thin film solar cells 25691
Sunwoo, A.J., Morris, J.W., Jr., Lucey, G.K., Jr. Pre-tinning and flux considerations on the relia bility of solder surfaces 1717
Sunwoo Lee, Dawben, P.A. The properties of boron carbide/silicon heterojunction diodes fabricated by plasma-enhanced chemical vapor deposition 42841
Sunyoung Han *see* Sung June Hong 37345
Suo, Z., Wang, W., Yang, M. Electromigration instability: transgranular slits in interconnects 42777
Suo, Z. *see* Ma, Q. 19637
Suo Zhongkun *see* Zhu Zimin 24154
Suo Zhongkun *see* Zhu Zimin 24155
Suoranta, R. Novel ultrasonic beamforming method based on nonlinear filtering [for mobile robot application] 16026
Suoranta, R. *see* Rantala, S. 13247
Suoranta, R. *see* Vaataja, H. 14955
Suorsa, R. *see* Sridhar, B. 22067
Suorsa, R.E., Sridhar, B., Fong, F.W. Real-time computational needs of a multisensor feature based range estimation method 24425
Suorsa, R.E. *see* Sridhar, B. 39276
Suortti, P., Thomlinson, W., Chapman, D., Gmur, N., Siddons, D.P., Schulze, C. A single crystal bent Laue monochromator for coronary angiog raphy 7386
Suoying Sun *see* Sun Suoying
Sup Kim Wang *see* Wang Sup Kim
Suparjo, B.S., Wilkins, B.R. Testing analogue and mixed-signal modules by steady-state response monitoring 42081
Suparjo, B.S. *see* Wilkins, B.R. 10574
Suparjo, B.S. *see* Wilkins, B.R. 10579
Suparjo, B.S. *see* Wilkins, B.R. 27091
Superti Furga, G. *see* Cavallini, A. 47341
Superti Furga, G. *see* Farini, A. 8952
Supnik, R.M. *see* Young, I. 27004
Suppan, L.P. *see* Liang, G.-C. 6753
Sura, J. *see* Migneco, E. 7144
Sural, S. *see* Ghosh, D. 41815
Surampudi, F.S. *see* Ratnakumar, B.V. 25634
Surampudi, S., Narayanan, S.R., Vamos, E., Frank, H., Halpert, G., LaConti, A., Kosek, J., Prakash, G.K.S., Olah, G.A. Advances in direct oxidation methanol fuel cells 33014
Surampudi, S. *see* Halpert, G. 32998
Surampudi, S. *see* Huang, C.-K. 17198
Surampudi, S. *see* Ratnakumar, B.V. 48095
Surampudi, S. *see* Shen, D.H. 17209
Surana, S.L. *see* Chouhan, S. 39587
Surber, J. *see* Hill, A. 1090
Surdashan, T.S. *see* Asokan, T. 2703
Surdashan, T.S. *see* Asokan, T. 2734
Surendran, A.C. *see* Flanagan, J.L. 4516
Surendran, K. *see* Subrahmanyam, V. 8369
Suresh, M.S. Double-layer impedance of a nickel oxide electrode at low states-of-charge 25647
Suresh, S. *see* Chakravarty, S. 41823
Suresh Babu, E. *see* Manoj, V.M. 7574
Suresh Babu, R.M., Patil, G.N., Biswas, B.B. Experience in development of software for a reactor safety system 16535
Sureshkumar, P.R., Jacob, J., Srinivas, M.K., Agrawal, V.D. An improved deductive fault simulator 41835
Sureshkumar, T. *see* Nandakumar, V.N. 16729
Surette, M.R., Goldberg, L., Mehuys, D. High-power ring laser using a broad-area GaAlAs amplifier 20935
Surette, M.R., Hjelme, D.R., Mickelson, A.R. An optically driven phased array antenna utilizing heterodyne techniques 21437
Surette, M.R. *see* Goldberg, L. 12196
Surette, M.R. *see* Hall, D.C. 43937
Surette, R.A. A novel tritium process monitor that uses an X-ray detector 31677
Surf, J.E.Le *see* Le Surf, J.E.
Surguy, P.W.H. The development of ferroelectric LCDs for display applications 15124
Surguy, P.W.H., Chan, L.K.M. Changing the face of flat displays—the ferroelectric LCD 23784
Suri, A.K. *see* Banerjee, P. 6821
Surig, C., Hempel, K.A., Bonnenberg, D. Formation and microwave absorption of barium and strontium ferrite prepared by sol-gel technique 2800
Surikov, I.N. *see* Kuchinskii, P.V. 10936
Surin, G.V. *see* Gorkunov, E.S. 41526
Surin, L.A. *see* Dumesh, B.S. 10618
Surkov, A.N. *see* Gryazanov, N.S. 15469
Surm, M. Diagnosis systems in level crossing signal installations 8944
Surma, K.M. *see* Asina, S.S. 19800
Surma, P. Shutter-free flatfielding for CCD detec tors 15079
Surmann, H., Moller, B., Goser, K. A distributed self-organizing fuzzy rule based system 9915
Surnev, L. *see* Boinhin, G. 34698
Suros, R. *see* Fourneau, J.M. 33470
Surovtsev, K. *see* Kanaev, I.F. 36058
Surratt, R. *see* Lau, J. 10561
Surrel, Y., Zhao, B. Phase-stepping: application to high-resolution moire 31139
Surridge, R.K. *see* Hu, J. 42879
Surridge, R.K. *see* Moore, W.T. 42881
Surrow, B. *see* Behrens, U. 31736
Surve, V., Puri, V., Vaingankar, A.S. Effect of ferrite overlays on the characteristics of $\lambda/2$ rejection filter 42157
Sury, M., Katai, A. Interactive Part Task Trainer for operations and maintenance training 37903
Surya, C. *see* Ng, S.H. 19731
Surya, C. *see* Sze Him Ng 28082
Surya, G. *see* Subbarao, M. 5047
Surya, S. *see* Poursepanj, A. 41932
Suryanarayana, D., Wu, T.Y., Varcoe, J.A. Encapsulants used in flip-chip packages 40935
Suryanarayana, D. *see* Mukherji, S. 16941
Suryanarayana, N.V. *see* Hanmandlu, M. 7792
Susa, K., Matsuyama, I., Satoh, S. Effect of chlo rination on optical absorption in sol-gel-derived optical fibers 43416
Susak, D.M., Bader, S.K., Gomez, M.L. A low-current DC-coupled compander 37718
Susak, D.M. *see* Vyne, R.L. 9995
Susaki, W. *see* Shima, A. 43907
Sushchik, M.M. *see* Lam, B.C. 20776
Sushko, A.M. *see* Petrov, V.V. 46554
Sushko, V.G. *see* Veretentseva, T.V. 41187
Sushkov, V.V., Fraishteter, V.P., Novoselov, Yu.B. Determining the cost of failures of power sup plies to oil production installations in Western Siberia 9068
Susi, E. *see* Poggi, A. 42390
Susi, M. Comparison of fibre optic CATV net work technologies 31031
Susic, E. *see* Govekar, E. 4458
Susini, A. *see* Bojovic, B. 15340
Susini, A. *see* Neskovic, N. 15583
Suski, J. *see* Dominguez, D. 31207
Suski, J. *see* Lang, W. 19488
Suski, T., Wisniewski, P., Dmowski, L.H., Gorczyca, I., Smoliner, J., Gornik, E., Bohm, G., Weimann, G., Unipress Correlations of the remote impurity charges-a method of 2DEG mobility tuning in GaAs/AlGaAs heterostruc tures 42503
Suski, T. *see* Berthold, G. 42536
Suski, T. *see* Brugger, H. 46387
Suski, T. *see* Diniz, R. 11127
Suslov, A. *see* Bychkov, Yu. 28744
Suslov, A.Yu. *see* Kotov, Yu.D. 31769
Susman, L. Limitations to directive time domain beams 29280
Susman, L. *see* Lamensdorf, D. 36367
Susnik, J. Influence of evacuation scenario on the population risk 19879
Susnik, J., Vojnovic, D., Kozuh, M., Cepin, M. Selection of initiating events for the Krsko IPE 39826
Suson, D. *see* Gui, M. 24021
Suson, D. *see* Gui, M. 24075
Suson, D. *see* White, J.T. 31751
Sussi, M.A., Govinda Raju, G.R. Charging and discharging currents in composite polyamide dielectrics 35102
Sussman, N. Network management of private communication systems 22453
Sussmann, R.S., Wort, C.J.H., Sweeney, C.G., Scarsbrook, G.A., Valentine, T.J., Whitehead, A.J. Properties of bulk polycrystalline CVD dia mond 42395
Susuki, T. *see* Kobayashi, K. 19608
Susuki, Y. *see* Inoue, T. 38830
Sutanovac, N. *see* Novak, F. 13955
Sutanthavibul, S., Shragowitz, E., Lin, R.-B. An adaptive timing-driven placement for high per formance VLSIs 18576
Sutanto, D., Bou-Rabee, M. Active power filters with reactive power compensation capability 7712
Sutanto, D., Grantham, C. An adaptive voltage and frequency regulator for self-excited induc tion generators for use in remote area power supplies 8394
Sutanto, D., Lachs, W.R., Zhu, Y.L. Automatic control of voltage stability by an expert system utilising pattern recognition technique 24838
Sutanto, D. *see* Grantham, C. 40228
Sutanto, D. *see* Zhu, Y.L. 7833
Sutanto, D. *see* Zhu, Y.L. 32226
Sutanto, S., Page-Heller, R. Utility Communica tions Architecture review 5511
Sutardi, Bector, C.R., Goulter, I., Cheng, T.C.E. Multiobjective water resources investment plan ning under budgetary and socio-technical uncer tainties 40869
Sutcliffe, D. *see* Strack, R. 45621
Sutcliffe, J. *see* Smye, S.W. 7446
Sutcliffe, W.J. *see* Attwood, J.R. 16424
Sutehall, R. *see* Carlton, G. 6000
Sutej, T. *see* Ilic, R. 39127
Suter, D. Efficient recovery of 'time to crash' and rotation from optic flow 13724
Suter, E. ASIC—the way forward in the new world of circuits 10055
Suter, I. *see* Baer, M. 37362
Suter, J.J., Maurer, R.H., Kinnison, J.D., Besson, R., Vig, J.R., Koehler, A. The effects of ionizing and particle radiation on precision frequency sources (Proposal to IEEE Standards Project P1193) 23840
Suter, J.J., Poret, J.C., Rosen, M., Rifkind, J.M. Ionizing radiation detector using multimode optical fibers 7243
Suter, J.J. *see* Martin, L.P. 43232
Suthar, J. *see* Khachen, W. 17147
Suthar, J. *see* Khachen, W. 24408
Suthar, J.L. *see* Hammoud, A.N. 43150
Suthar, J.L. *see* Stokes, A.N. 43207
Sutherland, A. *see* Bridger, K. 17416
Sutherland, A. *see* Everson, L. 14735
Sutherland, A.M. *see* Forsyth, M.E. 4553
Sutherland, A.M. *see* Forsyth, M.E. 29517
Sutherland, K., Renshaw, D., Denyer, P.B. Proba bilistic pattern analysis for facial recognition 13746
Sutherland, R.A. *see* Yee, Y.P. 44374
Sutherland, R.J., Tondiglia, V.P., Natarajan, L.V., Bunning, T.J., Adams, W.W. Electrically switchable volume gratings in polymer-dispersed liquid crystals 35507
Suthers, M.S. *see* Cameron, T.P. 5743
Suthers, M.S. *see* Hunt, W.D. 2746
Suthers, M.S. *see* Hunt, W.D. 2758
Suthers, M.S. *see* Hunt, W.D. 11445
Sutija, D.P., Norby, T., Arne Osborg, P., Kofstad, P. AC van de Pauw measurements of the elec trical conductivity of iron-doped calcium titanate 17366
Sutlief, S. *see* Davison, D. 31709
Sutliff, J. *see* Ballingall, J.M. 33604
Suto, K. *see* Matsui, S. 14659
Suto, Y. *see* Koezuka, T. 431
Sutoh, I., Ohshima, K., Hayama, H., Nakao, M., Okada, R. Configuration and reliability of an air-conditioning system for telecommunications systems that uses the heat dissipated from fuel cells 17615
Sutor, R. *see* Laubenbacher, C. 24249
Sutor, U. *see* Eberl, G. 29066
Sutra-Fourcade, J.C. *see* Guthmann, C. 32888
Sutta, P. *see* Mudron, J. 1883
Sutter, J.D. *see* St-Hilaire, P. 29053
Sutter, P., Kafader, U., Von Kanel, H. Thin film photodetectors grown epitaxially on silicon 31219
Sutter, P. *see* Weber, A. 33718
Sutterlin, R.C. *see* Lu, G.-Q. 316
Sutton, A. Synthesis: its evolution and what you can do with it today 18656
Sutton, C.M., Clarkson, M.T. A general approach to comparisons in the presence of drift 46271
Sutton, G.W. *see* Simpson, T.B. 29074
Sutton, P. *see* Cronstrom, H. 31804
Sutton, R. Monitoring and control of nuclear plant using fuzzy logic 47690
Sutton, S. *see* Benett, W.J. 20891
Sutton, S. *see* Comaskey, B. 20713
Sutton, S.B., Albrecht, G.F. Optical distortion in end-pumped solid-state rod lasers 3537
Sutton, W.H. *see* Beatty, R.L. *(editor)* 26052
Suu, A.Le Van *see* Le Van Suu, A.
Suu, H. *see* Oku, T. 31019
Suvarna, L. *see* Sambasiva Rao, V. 30688
Suveges, I. *see* Bor, Z. 15911
Suvorov, A.V., Ivanov, P.A., Makarov, V.N., Plotkin, D.A. High-effective ion-implanted 6H-SiC light emitting diodes with λ_{max}=535 nm 11879
Suvorov, A.V. *see* Glazov, A.L. 34670
Suvorov, A.V. *see* Ivanov, P.A. 11216
Suvorov, D. *see* Valant, M. 9805
Suvorov, K.V. *see* Ponizovskii, A.Z. 35129

Suwa, K., Kondo, Y. Transmitter diversity characteristics in microcellular TDMA/TDD mobile radio 37816
Suwabe, F. *see* Matzuo, H. 22264
Suwaki, H., Nakagawa, T., Ohira, T. An MMIC local oscillator for 16QAM digital microwave radio systems 19146
Suya You *see* You Suya
Suyama, K. *see* Kawagoe, E. 32980
Suyama, T. *see* Ikeda, H. 8546
Suyitno, A., Fujikawa, J., Kobayashi, H., Dote, Y. Variable-structured robust PI controller by fuzzy logic for servomotor 16879
Suyitno, A. *see* Dote, Y. 17488
Suykens, J.A.K., Vandewalle, J. Generation of n-double scrolls (n=1, 2, 3, 4,...) 26659
Suyten, F.M.M., Diemeer, M.B.J., Hendriksen, B. A digital thermo-optic 2×2 switch based on non linear optic polymer 44128
Suyten, F.M.M. *see* Diemeer, M.B.J. 3125
Suzaki, T. *see* Fukuchi, K. 30851
Suzaki, T. *see* Ishikawa, H. 5983
Suzaki, T. *see* Kitahata, H. 10508
Suzaki, T. *see* Nagano, N. 34273
Suzdalev, V.I. *see* Gavrishchuk, O.P. 7159
Suzhen Wang *see* Yonghe Xin 46351
Suzhiedelis, A. *see* Ashmontas, S. 10724
Suziedelis, A. *see* Asmontas, S. 46590
Suzim, A.A. *see* Carro, L. 1241
Suzuka, T. *see* Matsuoka, N. 39616
Suzuki, A., Ganguly, G., Matsuda, A. Ultraviolet photon induced stimulation of surface reaction during growth of hydrogenated amorphous silicon: estimation of the lifetime of film precursors 2187
Suzuki, A., Hata, N., Matsuda, A. Threshold intensity for dangling-bond-termination reaction by ultraviolet laser irradiation during plasma deposition of a-Si:H films 33709
Suzuki, A., Kato, H., Kobayashi, T., Hamano, T., Sato, K., Matsui, M., Urakawa, Y., Ochii, K. 3.3 volt sense-amplifier schemes suitable for 4 Mb BiCMOS SRAMs 10173
Suzuki, A., Nakano, K., Goto, E. A three-dimensional position marking system applied to the information-integrated construction technology 23238
Suzuki, A. *see* Chen, L. 16258
Suzuki, A. *see* Iskandar, M.A. 24749
Suzuki, A. *see* Katsu, T. 24442
Suzuki, A. *see* Kimura, A. 20803
Suzuki, A. *see* Matsuda, A. 33690
Suzuki, A. *see* Nido, M. 28847
Suzuki, A. *see* Saitoh, Y. 7254
Suzuki, A. *see* Suzuki, S. 1812
Suzuki, A. *see* Toriumi, Y. 38299
Suzuki, D. *see* Kuriki, S. 2884
Suzuki, F., Oishi, M., Kazama, S., Maruta, J., Fukui, H. GIGA ROBO ME1621A 38398
Suzuki, F. *see* Himeno, K. 35416
Suzuki, F. *see* Tanaka, H. 347
Suzuki, F. *see* Tanaka, H. 14582
Suzuki, G., Yamamoto, T., Yuyama, K., Hirasawa, K. MOSAIC: a tile-based datapath layout generator 28289
Suzuki, G. *see* Kishimoto, T. 23350
Suzuki, G. *see* Nagashima, Y. 31064
Suzuki, H. Demand-side management of utility business 24742
Suzuki, H., Araki, H., Noda, T. Effect of incident direction of ArF laser to graphite substrates on the formation of photo chemical vapor deposition SiC film 805
Suzuki, H., Arimoto, S. A method of managing perfectly-balanced trees for solving quickly the nearest point problems 18024
Suzuki, H., Higurashi, E., Morinaka, A., Shimada, T., Sukegawa, K., Haarer, D. Persistent spectral hole burning in metal-free tetraphenylporphyrin-doped polymethylmethacrylate core fiber 28993
Suzuki, H., Iwata, A., Ikeda, C., Mori, N. ATM oriented multimedia LAN architecture 22637
Suzuki, H., Kodera, S., Matsunaga, H., Kurobe, T. Study on magnetic field-assisted polishing. 2. Effect of magnetic field distribution on removal distribution 33349
Suzuki, H., Maeda, Y., Morita, K., Morita, M., Ohmi, T. Selective tungsten chemical vapor deposition with high deposition rate for ULSI application 42759
Suzuki, H., Meyer, H., Simmerer, J., Yang, J., Haarer, D. Electroluminescent devices based on poly(methylphenylsilane) 28659
Suzuki, H., Nishigori, T., Yamazaki, T., Nakamura, K., Oguri, T., Atsumo, T., Takada, M., Ikemoto, A. A stacked emitter polysilicon (STEP) bipolar technology for 16 Mb BiCMOS SRAMs 11331
Suzuki, H., Takemoto, M., Ono, K. A study of fracture dynamics in a model composite by acoustic emission signal processing 41515
Suzuki, H. *see* Grajew, G. 37613
Suzuki, H. *see* Imai, M. 6863
Suzuki, H. *see* Infante, C. 6701
Suzuki, H. *see* Iwamoto, S. 13951
Suzuki, H. *see* Jiang, H. 13487
Suzuki, H. *see* Jianwu Dang 13015
Suzuki, H. *see* Kato, K. 25582
Suzuki, H. *see* Katsuta, G. 24966
Suzuki, H. *see* Kawasaki, M. 41457
Suzuki, H. *see* Kunieda, H. 15683
Suzuki, H. *see* Maeda, Y. 33732
Suzuki, H. *see* Nakai, T. 31836
Suzuki, H. *see* Saitoh, Y. 7254
Suzuki, H. *see* Suzuki, S. 1812
Suzuki, H. *see* Taniguchi, K. 22636
Suzuki, H. *see* Tokuda, Y. 1847
Suzuki, H. *see* Tomisato, S. 37878
Suzuki, H. *see* Yoshino, H. 44464
Suzuki, H. *see* Tamura, Y. *(editor)* 9099
Suzuki, I., Yamada, T., Gong Xiuying, Kan, H., Yamaguchi, T., Aoyama, M., Saito, N., Hayakawa, Y., Kumagawa, M. Liquid phase epitaxial growth of high quality GaInAsSb/InAs 726
Suzuki, I., Yamaguchi, T., Xiuying Gong, Kan, H., Aoyama, M., Kumagawa, M. Electrical properties of high-purity GaInAsSb/InAs grown by liquid phase epitaxy 34588
Suzuki, I. *see* Ohzawa, K. 11594
Suzuki, I. *see* Yamada, T. 1849
Suzuki, J. *see* Hongo, H. 43029
Suzuki, J. *see* Itoh, K. 27059
Suzuki, J. *see* Iwama, S. 5391
Suzuki, J. *see* Shimamura, T. 21797
Suzuki, J. *see* Shimamura, T. 44894
Suzuki, J. *see* Suemasu, T. 28086
Suzuki, J. *see* Yasuoka, K. 24018
Suzuki, J.-y. *see* Ohki, H. 15075
Suzuki, K. Capacitive humidity sensor using polyphenol resin 6453
Suzuki, K. Observation of gas flow in the nozzle of model SF_6 gas circuit breaker 8690
Suzuki, K. Future prospects for printed wiring board technology 19198
Suzuki, K. A monolithic downconverter circuit for DBS receiver 23274
Suzuki, K. Analytical base transit time model for high-injection regions 28107
Suzuki, K., Amano, H., Takefuji, Y. Neural network parallel computing for channel routing problems 9912
Suzuki, K., Iwatsuki, K., Nishi, S., Saruwatari, M., Sato, K., Wakita, K. 2.5 ps soliton pulse generation at 15 GHz with monolithically integrated MQW-DFB-LD/MQW-EA modulator and dispersion decreasing fibre 5977
Suzuki, K., Makino, A., Inoue, A., Masumoto, T. Low core losses of nanocrystalline Fe-M-B (M=Zr, Hf, or Nb) alloys 2846
Suzuki, K., Nakajima, T., Ueda, S., Eguchi, Y. Minimum harmonics PWM control for a self-commutated SVC 16161
Suzuki, K., Satoh, S., Tanaka, T., Ando, S. Analytical models for symmetric thin-film double-gate silicon-on-insulator metal-oxide-semiconductor-field-effect-transistors 11217
Suzuki, K., Tanaka, T., Tosaka, Y., Horie, H., Arimoto, Y. Scaling theory for double-gate SOI MOSFET's 34960
Suzuki, K., Tanaka, T., Tosaka, Y., Horie, H., Arimoto, Y., Itoh, T. Analytical surface potential expression for thin-film double-gate SOI MOSFETs 28127
Suzuki, K., Toda, H., Aoyagi, A., Ikeda, H., Kobayashi, A., Ohshima, I., Yanabu, S. Developing of 550 kV 1-break GCB. I. Investigation of interrupting chamber performance 25568
Suzuki, K., Yamada, E., Kubota, H., Nakazawa, M. Optical soliton communication system using erbium-doped fiber amplifiers 22997
Suzuki, K., Yoshikawa, S., Yamaguchi, K., Hayashi, K., Fujino, S., Takenaka, T., Mitsuzuka, T., Enomoto, Y., Imai, K., Suginoshita, F., Yazawa, N. Noise figure of HTS JJ MMIC downconverter at 12 GHz 1615
Suzuki, K. *see* Aoyama, T. 19829
Suzuki, K. *see* Baba, T. 20855
Suzuki, K. *see* Baba, T. 20908
Suzuki, K. *see* Fujii, K. 28165
Suzuki, K. *see* Fujimoto, S. 20266
Suzuki, K. *see* Ichikawa, F. 16160
Suzuki, K. *see* Iijima, T. 48064
Suzuki, K. *see* Inoue, T. 27000
Suzuki, K. *see* Inoue, T. 41936
Suzuki, K. *see* Ishikawa, C. 11492
Suzuki, K. *see* Ishikawa, C. 28382
Suzuki, K. *see* Iwata, A. 3419
Suzuki, K. *see* Kawai, S. 37972
Suzuki, K. *see* Kubota, H. 30731
Suzuki, K. *see* Kubota, K. 41593
Suzuki, K. *see* Mameno, K. 19527
Suzuki, K. *see* Mizushina, S. 7361
Suzuki, K. *see* Nakano, M. 11360
Suzuki, K. *see* Nakazawa, M. 3482
Suzuki, K. *see* Nakazawa, M. 28972
Suzuki, K. *see* Sanada, M. 43106
Suzuki, K. *see* Sato, Y. 8636
Suzuki, K. *see* Shimizu, S. 14592
Suzuki, K. *see* Shinohara, H. 34053
Suzuki, K. *see* Shiomi, T. 41892
Suzuki, K. *see* Takagi, T. 33917
Suzuki, K. *see* Toda, H. 25569
Suzuki, K. *see* Tokiwa, Y. 39576
Suzuki, K. *see* Tsuboi, S. 27993
Suzuki, K. *see* Watanabe, T. 45036
Suzuki, K. *see* Yoda, M. 39387
Suzuki, K. *see* Zaima, E. 25570
Suzuki, K.-I. *see* Iwatsuki, K. 30732
Suzuki, K.-i. *see* Yamato, S. 32778
Suzuki, M., Itaya, K., Nishikawa, Y., Sugawara, H., Okajima, M. Reduction of residual oxygen incorporation and deep levels by substrate misorientation in InGaAlP alloys 18181
Suzuki, M., Itaya, K., Okajima, M. Effects of substrate misorientation on improvement of electrical properties in Zn-doped InAlP alloys 41318
Suzuki, M., Judd, K., Alhara, K., Kotani, M. Approximation of the logistic mapping with radial basis function networks 13279
Suzuki, M., Kataoka, N., Munakata, Y. Plate optics prepared for making two step Lippmann holograms 36050
Suzuki, M., Nakanishi, I., Yamamoto, T., Fuku, Y. Multidimensional composite-adaptive algorithms and their applications 29726
Suzuki, M., Ohkubo, N., Shinbo, T., Yamanaka, T., Shimizu, A., Sasaki, K., Nakagome, Y. A 1.5-ns 32-b CMOS ALU in double pass-transistor logic 26785
Suzuki, M., Ohkubo, N., Yamanaka, T., Shimizu, A., Sasaki, K. A 1.5 ns 32 b CMOS ALU in double pass-transistor logic 26916
Suzuki, M., Ohno, T., Furukawa, M., Kobayashi, R., Kobayashi, M., Shiki, T. An advanced single chip digital filter for ghost canceller 14758
Suzuki, M., Taga, H., Edagawa, N., Tanaka, H., Yamamoto, S., Akiba, S. Experimental investigation of Gordon-Haus limit on soliton transmission by using optical short pulses generated by an InGaAsP electroabsorption modulator 5970
Suzuki, M., Tanaka, H., Miura, M., Suzuki, Y., Mori, M., Takasago, M., Tomono, Y. Advanced direct seeking system for 5.25″ magnetooptical disk drive 20428
Suzuki, M., Tanaka, H., Taga, H., Edagawa, N., Matsushima, Y., Wakabayashi, H. Ultra-short pulse generation for soliton transmission using electroabsorption modulators 6084
Suzuki, M. *see* Aoki, M. 11885
Suzuki, M. *see* Aoki, M. 14597
Suzuki, M. *see* Aoki, M. 28495
Suzuki, M. *see* Aoki, M. 38120
Suzuki, M. *see* Araki, N. 7618
Suzuki, M. *see* Fukada, S. 42748
Suzuki, M. *see* Fukuda, M. 28021
Suzuki, M. *see* Homma, T. 19634
Suzuki, M. *see* Horita, M. 2018
Suzuki, M. *see* Ippommatsu, M. 17267
Suzuki, M. *see* Kageshima, M. 27444
Suzuki, M. *see* Kajimura, A. 17349
Suzuki, M. *see* Kato, T. 11458
Suzuki, M. *see* Kusunoki, T. 10607
Suzuki, M. *see* Miyahara, K. 20215
Suzuki, M. *see* Ohori, T. 2583
Suzuki, M. *see* Ohtani, N. 34875
Suzuki, M. *see* Okai, M. 3611
Suzuki, M. *see* Sekioka, S. 11346
Suzuki, M. *see* Taga, H. 45951
Suzuki, M. *see* Tanaka, H. 14602
Suzuki, M. *see* Toyoda, T. 18661
Suzuki, M. *see* Yokoyama, H. 3710
Suzuki, N., Itoh, K., Ishii, O., Michikami, O. Small antennas using high-T_c superconductors 21389
Suzuki, N., Ozeki, T. Simultaneous compensation of laser chirp, Kerr effect, and dispersion in 10-Gb/s long-haul transmission systems 23030
Suzuki, N. *see* Koharagi, H. 8433
Suzuki, N. *see* Mizumoto, I. 11841
Suzuki, N. *see* Mizumoto, I. 46436
Suzuki, N. *see* Nagai, Y. 20231
Suzuki, N. *see* Shibuya, T. 30948
Suzuki, N. *see* Suemasu, T. 28086
Suzuki, N. *see* Takakuwa, C. 43918
Suzuki, N. *see* Tanaka, Y. 15210
Suzuki, N. *see* Ueda, H. 26215
Suzuki, N. *see* Yamawaki, K. 47209
Suzuki, N. *see* Yokoyama, S. 35679
Suzuki, R. *see* Hagiwara, H. 38186
Suzuki, R. *see* Ikegami, T. 37932
Suzuki, R. *see* Kametani, H. 10764
Suzuki, R. *see* Maruyama, Y. 35253
Suzuki, R. *see* Ohgaki, H. 7190
Suzuki, R. *see* Ohira, H. 31151
Suzuki, R. *see* Uedono, A. 19471
Suzuki, R. *see* Yokoyama, M. 46720
Suzuki, R.B. *see* Nishiwaki, H. 17385
Suzuki, S., Kimura, T., Ueto, Y. Outline of 600 MW power plant for unit 1 of Noshiro Thermal Power Plant, Tohoku Electric Power Co., Inc 32723
Suzuki, S., Nakane, K., Sklansky, J. Extracting nonrigid moving objects by spatio-temporal contour integration 36905
Suzuki, S., Nakaya, T., Suzuki, A., Suzuki, H., Yoshioka, K., Yoshizawa, Y. PMTs of superior time resolution, wide dynamic range, and low cross-talk multi-anode PMTs 1812
Suzuki, S., Ueda, N., Sklansky, J. Graph-based thinning for binary images 45194
Suzuki, S. *see* Fujiwara, S. 2314
Suzuki, S. *see* Kawasaki, T. 35173
Suzuki, S. *see* Kinoshita, H. 26663
Suzuki, S. *see* Kitagawa, T. 35477
Suzuki, S. *see* Minamikawa-Tachino, R. 13644
Suzuki, S. *see* Nishio, M. 14360
Suzuki, S. *see* Nishio, M. 30588

Suzuki, S. *see* Ogawa, K. 37838
Suzuki, S. *see* Ogawa, T. 45400
Suzuki, S. *see* Sanada, M. 43106
Suzuki, S. *see* Shiragaki, T. 30860
Suzuki, S. *see* Takano, H. 15149
Suzuki, S. *see* Takiguchi, K. 35475
Suzuki, S. *see* Takiguchi, K. 38079
Suzuki, S. *see* Tanaka, T. 11099
Suzuki, S. *see* Terakado, S. 2131
Suzuki, S. *see* Terakado, S. 42703
Suzuki, S. *see* Terakado, S. 42714
Suzuki, S. *see* Tsuji, H. 28422
Suzuki, S. *see* Yamaguchi, T. 27616
Suzuki, S. *see* Yasuno, T. 36904
Suzuki, S. *see* Yoshida, M. 40577
Suzuki, T., Eknoyan, O. Characterization of the poling process in zinc diffused lithium tantalate optical waveguides 28482
Suzuki, T., Iiyama, N., Yukimura, A. Development of high temperature NO_x removal plant 16679
Suzuki, T., Ikeda, H., Yoshida, H. High-Frequency MOS-FET power inverter operating at a frequency of 2.5 MHz 8521
Suzuki, T., Ikeda, H., Yoshida, H., Shinohara, S., Honda, K., Miyamoto, T., Yamamoto, T. Shortwave DC-to-RF inverter to drive ultrasonic transducer 16073
Suzuki, T., Kinosita, S., Minami, N. Development of pulse wave velocity measuring system 24156
Suzuki, T., Kudo, R., Ikami, K., Iida, K., Terano, T. QUALTES: an expert system with a generic knowledge base for substation stoppage sequence operations 39495
Suzuki, T., Machii, T. Robust design of discrete time model reference adaptive control systems 25463
Suzuki, T., Marx, J.M., Swenson, V.P., Eknoyan, O. Optical waveguide Fabry-Perot modulators in $LiNbO_3$ 43473
Suzuki, T., Mizuno, T. Multiple-symbol differential detection scheme for differential amplitude modulation 44660
Suzuki, T., Mori, S. Structural description of line images by the cross section sequence graph 45196
Suzuki, T., Tasaka, S. A performance comparison of ALOHA-reservation and PRMA in integrated voice and data wireless local area networks 30217
Suzuki, T., Tasaka, S. Performance analysis of a wireless local area network with a TDD channel taking into consideration capacity allocation between uplink and downlink channels 30461
Suzuki, T., Tasaka, S. A comparison of construction methods for MAC and LLC protocols in satellite packet communication networks 30600
Suzuki, T., Ueki, N., Saito, T., Hinata, J., Shimotsuma, Y. Hardware for the MELCOM80 GS700 10 small business computer 34113
Suzuki, T., Yagi, M., Shibuki, K. Growth of oriented diamond on single crystal of silicon carbide (0001) 26404
Suzuki, T. *see* Aihara, Y. 25035
Suzuki, T. *see* Arai, I. 6129
Suzuki, T. *see* Arai, I. 24201
Suzuki, T. *see* Gomyo, A. 26410
Suzuki, T. *see* Hirohata, T. 15003
Suzuki, T. *see* Ikeda, H. 8546
Suzuki, T. *see* Ikeda, M. 5677
Suzuki, T. *see* Imaoka, N. 11459
Suzuki, T. *see* Kako, E. 15505
Suzuki, T. *see* Kawabata, S. 45902
Suzuki, T. *see* Koga, M. 26183
Suzuki, T. *see* Kouzumi, H. 900
Suzuki, T. *see* Kurata, Y. 17635
Suzuki, T. *see* Miura, O. 2921
Suzuki, T. *see* Mizutani, T. 35163
Suzuki, T. *see* Morioka, Y. 16228
Suzuki, T. *see* Rojas, R. 8622
Suzuki, T. *see* Saito, Y. 27002
Suzuki, T. *see* Sato, M. 24461
Suzuki, T. *see* Shibuki, K. 41410
Suzuki, T. *see* Soga, T. 705
Suzuki, T. *see* Takeuchi, Y. 19312
Suzuki, T. *see* Uchida, S. 32444
Suzuki, T. *see* Wu, X. 23147
Suzuki, T. *see* Yagoh, S. 32725
Suzuki, T. *see* Yamamoto, H. 48262
Suzuki, T. *see* Yamasaki, S. 40576
Suzuki, T. *see* Yamauchi, H. 26918
Suzuki, T. *see* Yamauchi, H. 26951
Suzuki, T. *see* Yatomi, T. 25960
Suzuki, T. *see* Yorozuya, T. 40275
Suzuki, Y., Furuichi, C., Imai, S. Spoken Japanese sentence recognition using dependency relationship with systematical semantic category 36588
Suzuki, Y., Kurosaki, T., Tohmori, Y., Fukuda, M. Polarisation insensitive photodetector characteristics of a tensile strained barrier laser diode 35773
Suzuki, Y., Matsuura, H. The problem of determining element-value for linear resistive star circuits containing two noncontact nodes 26546
Suzuki, Y., Osawa, T., Shimizu, S. Thin film lenses for surface acoustic waves and their application to filters 32130
Suzuki, Y., Shiono, K. New 84kV cubicle type gas insulated switchgear (C-GIS) 25586
Suzuki, Y., Sumiyoshi, H., Miyauchi, A. Image coding using fractal parameters of contour lines 45242
Suzuki, Y., Takeuchi, M., Nakamura, K., Hirota, K. Coupled-mode theory of SAW periodic structures 43237
Suzuki, Y. *see* Joson, H.A.L. 24348
Suzuki, Y. *see* Kadowaki, N. 30684
Suzuki, Y. *see* Matsumoto, H. 32634
Suzuki, Y. *see* Pyong Sik Pak 8198
Suzuki, Y. *see* Shikatani, M. 6037
Suzuki, Y. *see* Suzuki, M. 20428
Suzuki, Y. *see* Tamura, N. 46889
Suzuki, Y. *see* Tanaka, H. 347
Suzuki, Y. *see* Tanaka, H. 14582
Suzuki, Y. *see* Tanaka, H. 20860
Suzuki, Y.-I. *see* Yamada, Y. 15127
Suzumura, N. *see* Kitamura, T. 13131
Suzuoki, Y. *see* Mizutani, T. 35163
Suzuoki, Y. *see* Tabata, A. 26514
Suzzani, R. Multichip modules: evolution of microelectronics 17844
Svab, E. *see* Balasko, M. 33798
Svacina, J. Analysis of microstrip with finite-width dielectric and/or conductor strips 27124
Svahn, G. *see* Herrlin, K. 7348
Svakhin, A.S., Sychugov, V.A., Tikhomirov, A.E. Diffraction gratings with high optical strength for laser resonators 44026
Svakhin, A.S. *see* Kozlov, V.A. 28758
Svakhin, A.S. *see* Tikhomirov, A.Y. 3935
Svanberg, S., Larsson, J., Persson, A., Wahlstrom, C.-G. Lund high-power laser facility—systems and first results 28770
Svanberg, S. *see* Herrlin, K. 7348
Svandrlik, M. *see* Massarotti, A. 15459
Svandrlik, M. *see* Massarotti, A. 15515
Svanidze, R.G., Mestiashvili, K.V., Nozadze, G.D. Calculation of the power spectra of some line codes for optical-fiber transmission systems 23050
Svasek, P. *see* Urban, G. 46525
Svatik, A., Scarpa, P.C.N., Das-Gupta, D.K., Cooper, D.E. Polarization and charge trapping in cross-linked polyethylene (XLPE) cables AC aged in humid environment 35174
Svatos, I. Compression of biomedical signals by transform coding 7329
Svavil'nyi, N.E. *see* Saenko, V.A. 1774
Svechnikov, G., Voznesenski, V., Ohrimenko, A. Integrated optical devices based on the thermooptic effect 28492
Svechnikov, S.V., Antonov, V.A., Kaganovich, E.B., Plakhotny, V.P., Fedorenko, L.L. Laser-thermal diagnostics of model metal-semiconductor structure 42553
Svechnikov, S.W. *see* Sukach, G.A. 35611
Svecko, R. *see* Vrbanec, J. 36701
Svedevall, B. *see* Schreyer, H. 47201
Svejda, F. *see* Ko, U. 18665
Svejda, F.J., Tupuri, R.S., Madhuri, S., Rath, R. A low-voltage metal-programmable SRAM compiler for gate array 18694
Svelto, C. *see* Caponio, N. 20327
Svelto, F. *see* Radeka, V. 18494
Svelto, O. *see* Cerullo, G. 3575
Svelto, O. *see* Cerullo, G. 35759
Svelto, O. *see* Laporta, P. 3477
Svelto, O. *see* Magni, V. 21085
Svelto, O. *see* Sacchi, G. 43800
Svendsen, B. High speed data services for LAN interconnection in Norway 14253
Svendsen, L. *see* Nielsen, K.D. 38960
Svendsen, R.L., LeClerc, S.A. Improvements in plant design for a second generation waste coal fired power plant 8165
Svensson, B. Combined-cycle heat and power stations compatible with the environment 47791
Svensson, B.G. *see* Aboelfotoh, M.O. 42544
Svensson, B.G. *see* Kringhoj, P. 2049
Svensson, B.G. *see* Mohadjeri, B. 42750
Svensson, C., Yuan, J. 200-1200 MHz CMOS techniques 28266
Svensson, C., Yuan, J. Ultra high speed CMOS design 34022
Svensson, C. *see* Dell'Acqua, A. 7283
Svensson, C. *see* Dell'Acqua, A. 46998
Svensson, C. *see* Jansson, C. 41716
Svensson, C. *see* Larsson, P. 2652
Svensson, C. *see* Slager, J. 28279
Svensson, C. *see* Yuan, J.-R. 18584
Svensson, J. *see* Reddy, M.R.S. 24312
Svensson, O. Tracking of changes in latency and amplitude of the evoked potential by using adaptive LMS filters and exponential averagers 24289
Svensson, P. *see* Dalenback, B.-I. 14840
Svensson, P. *see* Granestrand, P. 35501
Svensson, P. *see* Kleiner, M. 14844
Svensson, R., Engvall, K., Holmlid, L., Braun, J., Lundgren, L. High emissivity electrodes for MHD channels 25724
Svensson, R., Kallman, P., Brahme, A. An analytical solution for the dynamic control of multileaf collimators 24343
Svensson, S.P., Gill, D.M., Towner, F.J., Uppal, P.N. Room temperature photoluminescence from modulation doped AlGaAs/InGaAs/GaAs quantum wells 42457
Svensson, T. New technique for measurement of static fatigue of optical fibres 35369
Svensson, T., Sundberg, E. Distributed strain—a rational test of fiber fatigue 2955
Svensson, T., Sundberg, E. New approaches to measurement of strength and fatigue of optical fibres 2999
Svensson, T., Sundeman, L., Sundberg, E. Methods and studies on fibre reliability at Swedish Telecom 35370
Svensson, T. *see* Griffioen, W. 3002
Sventkovskiy, R.A. More accurate and faster method of reconstructing a signal from the phase spectrum 44806
Sverdlov, B.N. *see* Lin, M.E. 2925
Sverdlov, B.N. *see* Lin, M.E. 9623
Sverdlov, Y.L., Miroshnikova, T.V., Sergeeva, N.G. Spectrum of signal scattered by anisotropic wandering irregularities 12592
Sverdrup, L. *see* Shiow-Hwa Lin 28628
Sveshnikov, A.G., Bogolyubov, A.N., Minayev, D.V., Sychkova, A.V. Calculation of dielectric waveguide systems by finite-difference method 29258
Svetikov, Yu.V. *see* Ovchinnikov, A.A. 23047
Svetikov, Yu.V. *see* Ovchinnikov, A.A. 30760
Svetikov, Y.V. *see* Koshmak, V.K. 14613
Svetkoff, D.J., Kilgus, D.B.T., Velazquez, J. CCD camera photometric accuracy and its effect on colour and height measurement 6588
Svetlichnii, A.M. *see* Sechenov, D.A. 10941
Svetlichnii, V.A. Scalar potentials of the electromagnetic field in a smoothly nonuniform gyrotropic layered plasma 29197
Svetlichnyi, S.I. *see* Safonov, A.N. 1014
Svetovoy, V.B. *see* Babanov, Yu.E. 27755
Svich, V.A. *see* Maslov, V.A. 43706
Svichar, A.E., Aronov, I.Z., Gorbunova, N.G., Moskovoi, A.N. The use of plants for recovering heat from flue gases in boilers on Voronezh Heat and Power Station 16669
Svilans, M. *see* Chunmeng Wu 35874
Sviridov, A.P. *see* Vereshchagina, L.N. 18297
Sviridov, M.V., Gabidullin, A.R. Sensitivity of Josephson junctions to high-pass filtered noise of black-body radiation 11535
Svishch, D.P. *see* Korepanov, V.E. 41703
Svishchov, Yu.V. Electromagnetic wave diffraction on axially symmetric system of two spherical caps 12543
Svistov, A.E. *see* Bryanov, D.I. 1931
Svistun, M.I. *see* Zagidullin, M.V. 43735
Svistunov, Yu.A. *see* Strokach, A.P. 46701
Svitanko, N.V. *see* Oseledchik, Yu.S. 26398
Svob, L. *see* Dumont, H. 41307
Svoboda, J.A., Wierzba, G.M. Using PSPICE to determine the relative stability of *RC* active filters 18852
Svoboda, P. *see* Nachtwei, G. 19391
Svorcik, V. *see* Popok, V. 34683
Svrtan, D. New plethysm operation, Chern characters of exterior and symmetric powers with applications to Stiefel-Whitney classes of grassmannians 521
Svyachenyi, B.D. *see* Golub, V.S. 44653
Svyatogorov, O.A. *see* Zhilyaev, B.E. 31227
Swaaij, M.F.X.B.van *see* van Swaaij, M.F.X.B.
Swaaij, R.A.C.M.M.Van *see* Van Swaaij, R.A.C.M.M.
Swafford, W.J. *see* Schaefer, S.R. 43540
Swager, A.W. High-speed, high-resolution ADCs 27016
Swager, A.W. Low-voltage analog ICs: devices progress below 5 V 34192
Swager, A.W. Putting low-voltage analog ICs to use 34193
Swager, A.W. Digital HDTV system links computers with telecommunications 38308
Swail, C.S. *see* Hardwick, C.D. 39233
Swailem, F.M. *see* Zasadny, K.R. 7347
Swain, D.M., Morr, G.F., Schwamb, D.H., Waldo, R.E. Lower power laser concepts for high power laser ring resonator alignment 29069
Swain, G.M. *see* Johnson, B.A. 32996
Swain, J.E. *see* Tse, P.K. 33450
Swain, M.J., Stricker, M.A. Promising directions in active vision [computer vision] 13584
Swain, P.H. *see* Benediktsson, J.A. 32071
Swain, P.H. *see* Yonhong Jhung 45152
Swain, R., Preater, R. Quantitative evaluation of speckle correlation fringes from a flat rotating specimen 31485
Swain, R. *see* Preater, R. 3911
Swain, S. *see* Mertens, C.J. 3818
Swale, R. Virtual networks of the future—converging public and private IN 14300
Swalen, J.D. *see* Smith, B.A. 43542
Swalen, J.D. *see* Thackara, J.I. 43546
Swami, A. Multiplicative noise models: parameter estimation using cumulants 45030
Swamidass, P.M. Technology, people, and management 210
Swaminat'ian, K. *see* Rajendran, A. 14902
Swaminathan, M., Perfecto, E., Prasad, K., Omer, A. Thin film multichip module technology at IBM—design and electrical performance 404
Swaminathan, M., Sarkar, T.K., Petre, P. Computation of hybrid modes in waveguides based on a surface integral formulation 12684
Swaminathan, M. *see* Ahamd, U. 1689

Swaminathan, M. *see* Figliola, R.S. 14964
Swaminathan, M. *see* Omer, A. 374
Swaminathan, M. *see* Petre, P. 21210
Swaminathan, M. *see* Petre, P. 44327
Swaminathan, P. *see* Bhargava, R. 8075
Swaminathan, P. *see* Bhargava, R. 16536
Swaminathan, V., Freund, J.M., Focht, M.W., Guth, G.D., Przybylek, G.J., Smith, L.E., Leibenguth, R.E., D'Asaro, L.A. Ambipolar lifetimes in GaAs/AlGaAs Self Electro-Optic Effect Devices 3864
Swaminathan, V., Stayt, J.W., Glogovsky, K.G., Leibenguth, R.E., Smith, L.E., Levine, B.F., Gault, W.A. Long wavelength infrared (128×128) staring array from AlGaAs/GaAs multiquantum well detectors-growth, processing and array performance 6504
Swaminathan, V. *see* Freund, J.M. 3863
Swaminathan, V. *see* Buckley, D.N. *(editor)* 64
Swamy, N.V.C., Narayana, P.A.A., Chandrasekhar, K. Parametric studies of parabolic vertical axis wind rotors 25286
Swamy, P.V.H.S.R. *see* Ravisekhar, T. 6114
Swan, D.H., Dickinson, B., Arikara, M., Tomazic, G.S. Demonstration of a zinc bromine battery in an electric vehicle 40621
Swan, E. Pushing motor efficiency to the limit 16749
Swan, I. *see* Stewart, R.W. 24529
Swan, R. *see* Ray, A.K. 27461
Swan, R. *see* Ray, A.K. 27503
Swanberg, D., Shu, C.F., Jain, R. Architecture of a multimedia information system for content-based retrieval 5337
Swanenburg, B.N. *see* Schonfelder, V. 7146
Swang Tan Kok *see* Kok Swang Tan
Swann, P., Tavakoli, M. An econometric analysis of television viewing and the welfare economics of introducing an additional channel in the UK 46179
Swansborough, R.H. Measurement and analysis of harmonic distortion on London Underground AC supply systems 25895
Swanson, A.W. *see* Ho, P. 11242
Swanson, D., Baker, D., O'Mahoney, M. Connecting MMIC chips to ground in a microstrip environment 19139
Swanson, D.E., Rogers, S.K., Ruck, D.W. Application of a neural architecture to extract motion from image sequences 29769
Swanson, D.G., Jr. *see* Bandler, J.W. 1449
Swanson, D.K. *see* Hahn, S.J. 39101
Swanson, E. *see* Mangelsdorf, C. 26155
Swanson, E.A., Izatt, J.A., Hee, M.R., Huang, D., Lin, C.P., Schuman, J.S., Puliafito, C.A., Fujimoto, J.G. In vivo retinal imaging by optical coherence tomography 15814
Swanson, E.A., Livas, J.C., Bondurant, R.S. High sensitivity optically preamplified direct detection DPSK receiver with active delay-line stabilization 45997
Swanson, E.A. *see* Chinn, S.R. 15224
Swanson, E.A. *see* Chinn, S.R. 20799
Swanson, E.A. *see* Livas, J.C. 6049
Swanson, E.A. *see* Paul, T.J. 3583
Swanson, J. *see* Jaggi, B. 6576
Swanson, J.G. *see* di Marco, M. 2388
Swanson, J.G. *see* Wang, Q.H. 19841
Swanson, L.S., Lu, F., Shinar, J., Ding, Y.W., Barton, T.J. Poly(*p*-phenyleneacetylene) (PPA)-based light-emitting diodes 35614
Swanson, L.S. *see* Shinar, J. 35606
Swanson, M.L. *see* Frey, E.C. 2102
Swanson, R.M. *see* Verlinden, P.J. 48123
Swanson, S.A. *see* Moylan, C.R. 44073
Swanson, S.E. *see* Snyder, E.S. 35084
Swanstrom, J., Magaragan, R., Scherer, J., Miller, J., Amaral, G. Increase test productivity for EW antennas 38400
Swantner, W. Performance and manufacturability of three types of doublet lenses for laser focussing over wide spectral regions 28931
Swantner, W. IMAGE: a computer program for the modeling of obscured aperture laser beams with wavefront aberrations and clipped Gaussian irradiance profiles 28951
Swaroop, A., Sundar Varada Raj, P., Ramanathan, S.M. A new design philosophy for the turbine blades at the Chilla hydro project 16704
Swaroop, R. Battery development for electric vehicles 48409
Swart, D.P., Schmerbeck, T.J. An 8-channel, head preamplifier for combination magnetoresistive read elements and inductive write elements 28389
Swart, E.T. *see* Mutsaers, C.A.H.A. 26475
Swart, J.W. *see* Bonfim, M.J.C. 855
Swart, J.W. *see* Favoretto, M. 27784
Swart, P.L., Lacquet, B.M. Study of refractive index profiles of ion-implanted silicon-on-insulator material 35446
Swart, P.L., Lacquet, B.M., Reynecke, S. A substrate heater with fast response for a low current ion-implanter 2034
Swart, P.L. *see* Aizenberg, G.E. 35305
Swart, P.L. *see* Lacquet, B.M. 14968
Swart, S.M., Ferreira, J.A. Single turn work coil and integrated matching transformer for medium and high frequency induction heating 8993
Swart, W.A., Olivier, J.C. Numerical synthesis of arbitrary discrete arrays 21442
Swarte, F.G.J. *see* Hof, A.L. 47072
Swartz, K.L. Optimal routing of IP packets to multi-homed servers Information Protocol 5259
Swartz, K.P. *see* Samar, V.J. 7447
Swartz, L.-E. *see* Bringans, R.D. 9535
Swartz, M., Wallace, D. Effects of frame rate and resolution reduction on human performance 36946
Swartz, M., Wallace, D., Tkacz, S. The influence of frame rate and resolution reduction on human performance 16109
Swartz, M.E. *see* Shipp, D.D. 7830
Swartz, R.G. *see* Liu, T.M. 20025
Swartz, S.L. *see* Near, C.D. 18312
Swartz, W.E., Cho, J.Y.N., Miller, C.A. CUPRI system configuration for NLC-91 and observations of PMSE during Salvo A 39374
Swartzlander, A. *see* Contreras, M. 8769
Swartzlander, E. *see* Khan, M.S. 18756
Swartzlander, E.E., Jr *see* Callaway, T.K. 41997
Swartzlander, E.E., Jr. *see* Drerup, B.C. 26792
Swartzlander, E.E., Jr. *see* Jones, R.F., Jr. 26797
Swartzlander, E.E., Jr. *see* Millar, B. 10124
Swarup, K.S., Chandrasekharaiah, H.S., Lai, L.L., Ndeh-Che, F. Application of neural networks to fault diagnosis for HVDC systems 47600
Swarup, K.S. *see* Yoshimi, M. 24771
Swaszek, P. *see* Willett, P. 21742
Swatland, H.J., Warkup, C., Cuthbertson, A. Testing a UV fluorescence probe for beef carcass connective tissues 15045
Swaton, H., Bammer, M. Noise reduction in variable-speed invertor-fed drives 25879
Swaton, H. *see* Bammer, M. 16827
Swe, K.T. *see* Hassan, I.D. 8785
Sweatman, D. *see* Harrison, H.B. 2176
Sweatman, D. *see* Harrison, H.B. 2177
Sweatt, W.C., Lawrence, G.N. Physical optics modeling in soft-X-ray projection lithography 27816
Sweatt, W.C. *see* Kubiak, G.D. 2308
Sweatt, W.C. *see* Tichenor, D.A. 27831
Swee Hock Yeo *see* Yeo Swee Hock
Sweeney, C.G. *see* Sussmann, R.S. 42395
Sweeney, D. *see* Stewart, R.W. 24219
Sweeney, F.J. *see* Beckerman, M. 22236
Sweep, A.J.W. *see* Boling Xi 15556
Sweep, N.A. *see* Jongerius, M.J. 44087
Sweet, M.R. *see* Castro, H.A. 34204
Sweetser, J.N., Dunn, T.J., Waxer, L., Walmsley, I.A., Shank, S.M., Wicks, G.W. Effects of n-type modulation doping of quantum wells on the dynamics of photoluminescence 20810
Sweezy, G. *see* Grund, C.E. 16212
Swegle, J.A., Anderson, R.A., Camacho, J.F., Poole, B.R., Rhodes, M.A., Rosenbury, E.T., Shaeffer, D.L. Scaling studies and time-resolved microwave measurements on a relativistic backward-wave oscillator 34484
Sweitzer, J. *see* Brackett, C.A. 6056
Sweldens, W. *see* Deng, B. 22116
Swenne, C.A., Janssen, M.J.A., Cats, V.M. Heart rate and heart rate variability in patients with frequent ventricular arrhythmias 24299
Swenne, C.A. *see* Janssen, M.J.A. 7419
Swensen, E. *see* Nakhamkin, M. 33080
Swenson, D. *see* Yao, C.G. 15296
Swenson, D.R., Tupa, D., York, R.L., Dulick, M., van Dyck, O.B. Polarization diagnostics and optical pumping development for OPPIS at LAMPF 31639
Swenson, D.R. *see* York, R.L. 31638
Swenson, G.R. *see* Mende, S.B. 31267
Swenson, H.N. *see* Zelenka, R.E. 39273
Swenson, J.S. *see* Rose, T.S. 20718
Swenson, V.P. *see* Atkins, R.A. 46469
Swenson, V.P. *see* Suzuki, T. 43473
Swenson, W.H. *see* Eckenrode, R.J. 39723
Sweriduk, G.D. *see* Byrns, E.V., Jr. 25474
Swette, L.L., LaConti, A.B., McCatty, S.A. Proton-exchange membrane regenerative fuel cells 33012
Swiatkiewicz, J., Orczyk, M.E., Prasad, P.N., Spangler, C.W., He, M. Resonant third-order optical nonlinearity of the neutral and the dictation molecules of a triphenodithiazine model compound 44108
Swiatkowski, C., Kunst, M. In-situ measurements during the growth of a-Si:H on c-Si substrates 33744
Swiatkowski, C., Sanders, A., Neitzert, H.-C., Kunst, M. Surface passivation of single crystalline silicon by thin amorphous silicon layers 34714
Swiatkowski, C. *see* Eschrich, H. 40484
Swiatowiec, F. *see* Chang, F.C. 9297
Swider, W. *see* Claverie, A. 749
Swider, W. *see* Lin, X.W. 19423
Swider, W. *see* Werner, P. 34511
Swider, W. *see* Zakharov, N.D. 768
Swierkosz, M. *see* Clain, S. 17611
Swietlicki, E. *see* Breese, M.B.H. 21186
Swietlik, A. An interactive approach to reconstruction of solids from range images 22217
Swietlik, C. *see* Xiong, W.Z. 24570
Swift, A.H.P. *see* Wu, C.K. 8252
Swift, A.M., Goldie, D.J., Booth, N.E., Brink, P.L., Gaitskell, R.J., Hahn, D., Salmon, G.L. Development of a high resolution cryogenic detector with applications in neutrino physics 46947
Swift, A.M. *see* Booth, N.E. 20188
Swift, C.T. *see* Jackson, T.J. 24504
Swift, G. *see* Kermanshahi, B.S. 16269
Swift, G. *see* Zhang, Z. 32896
Swift, G.W. A comprehensive generator-line-infinite-bus micromachine model 32884
Swift, G.W. *see* McLaren, P.G. 32493
Swift, G.W. *see* Sultan, A.F. 47546
Swift, M. *see* Steele, A.K. 44880
Swindell, W. *see* Evans, P.M. 7463
Swindlehurst, A., Viberg, M. Subspace fitting with diversely polarized antenna arrays 36434
Swindlehurst, A.L., Kailath, T. A performance analysis of subspace-based methods in the presence of model error. II. Multidimensional algorithms 13221
Swindlehurst, A.L. *see* Van Der Veen, A.-J. 13183
Swindler, D.L. Application of SF_6 and vacuum medium voltage circuit breakers 8674
Swingler, D.N. *see* Krolik, J.L. 45007
Swingler, S.G. *see* Endersby, T.M. 16357
Swingler, S.G. *see* Nensi, T. 35176
Swingler, S.G. *see* Vaughan, A.S. 38091
Swinhoe, M. *see* Daniel, G. 31043
Swinhoe, M.T. *see* Hawkes, N.P. 7290
Swinnerton, B.W. *see* Sanderson, J.V.H. 47584
Swinyard, B.M. *see* Bird, A.J. 7302
Swirhun, S. *see* Brusenbach, P.R. 12145
Swirhun, S.E. *see* Bae, J.W. 3626
Swirhun, S.E. *see* Bae, J.W. 28806
Swirhun, S.E. *see* Bae, J.W. 28816
Swirhun, S.E. *see* Brusenbach, P. 28820
Swirhun, S.E. *see* Shtengel, G. 44021
Swithenby, S.J. Dynamic imaging of function using SQUID magnetometry 47100
Swithenby, S.J. *see* Hasson, R. 31938
Swoger, J.H., Kovacic, S.J. Enhanced luminescence due to impact ionization in photodiodes 3336
Sworakowski, J. *see* Nes purek, S. 42333
Sword, C.K. *see* Kamen, E.W. 29635
Sworder, D.D., Kent, M., Hutchins, R.G., Singer, P.A. The usefulness of imaging sensors in motion prediction 31297
Sworder, D.D., Vojak, R., Hutchins, R.G. Gain adaptive tracking 5006
Swordy, S. Applications of RICH detectors in astrophysics 46928
Sy-Ruen Huang, Shi-Lin Chen Evaluation and improvement of variance reduction in Monte Carlo production simulation 32350
Syau, T., Baliga, B.J. Mobility study on RIE etched silicon surfaces using SF_6/O_2 gas etchants 19609
Sybille, G. *see* Benmouyal, G. 25011
Sych, W. Using western technology in VVERs 16523
Sychev, V.A. *see* Ageev, A.I. 15546
Sychkova, A.V. *see* Sveshnikov, A.G. 29258
Sychugov, G.V. *see* Bakaev, V.G. 43733
Sychugov, G.V. *see* Basov, N.G. 28739
Sychugov, V.A., Tikhomirov, A.E., Kuznetsov, A.V., Samartsev, I.E. Narrow-band laser with an Nd^{3+}-activated fibre 43804
Sychugov, V.A., Tishchenko, A.V. Ray optics philosophy in the problem of corrugated-waveguide-excitation with an external lightbeam 29271
Sychugov, V.A. *see* Loktev, S.M. 28493
Sychugov, V.A. *see* Svakhin, A.S. 44026
Sychugov, V.A. *see* Tikhomirov, A.Y. 3935
Sychyi Fang *see* Shigemi Murakawa 42684
Sydnor, R.L., Brendel, R., Wiedemann, W. IEEE Standards Project P1193: electric and magnetic fields and effects 23839
Sydnor, R.L. *see* Hamell, R.L. 23398
Sydor, J., Dufour, M. Aeronautical satellite antenna steering using magnetic field sensors 47322
Sydor, J. *see* Crozier, S. 37747
Syed, A., Williamson, C.L. An experimental evaluation of video coding algorithms for ATM-based networks 36557
Syed, M.A., Mathews, V.J. QR-decomposition based algorithms for adaptive Volterra filtering 13227
Sykas, E.D. *see* Bakouris, M.G. 13978
Sykas, E.D. *see* Markoulidakis, J.G. 5754
Sykas, E.D. *see* Markoulidakis, J.G. 22797
Sykora, G. *see* Stein, S.J. 23749
Sykulski, J.K. Computer aided solution of electrostatic field problems 36111
Sylos Labini, M. *see* Cannistra, G. 8444
Sylos Labini, M. *see* Cannistra, G. 40115
Sylos Labini, M. *see* Cannistra, G. 40295
Sylvain, M. *see* Rana, D. 36195
Sylvestre, A., Crozat, P., Adde, R., De Lustrac, A., Jin, Y., Harmand, J.C., Quillec, M. Cryogenic investigation of gate leakage and RF performances down to 50K of 0.2μm AlInAs/GaInAs/InP HEMTs 19031
Sylvia, J.I. *see* Rajendran, A. 14902
Sylwester, D. *see* Seth, S. 41786
Syme, R.T. Microwave detection using GaAs/AlAs tunnel structures 19040
Symeonidis, C. *see* Euthymiou, P.C. 7201
Symmons, W.R. *see* Le Surf, J.E. 16567

Symon, L. *see* Obrenovitch, T.P. 7425
Symonds, A.F., Cousins, J.T. Measurement of electrical quantities using a personal computer 32512
Symonds, P.J., De Jager, G. A technique for automatically segmenting images of the surface froth structures that are prevalent in industrial flotation cells 13833
Symons, R.S. *see* Siambis, J.G. 42366
Syms, R.R.A. Microfabrication of actuators 47909
Syms, R.R.A., Holmes, A.S. Reflow and burial of channel waveguides formed in sol-gel glass on Si substrates 20377
Syms, R.R.A. *see* Holmes, A.S. 3133
Syngal, V. *see* Butler, D.J. 37971
Synowicki, R.A., Hale, J.S., McGahan, W.A., Ianno, N.J., Woollam, J.A. Oxygen plasma ashers as space simulators: a quantitative analysis of contamination with identification of sources and remedies 18373
Syonowaki, Y. *see* Kawai, T. 6451
Syphers, M. *see* Caussyn, D.D. 38778
Syphers, M. *see* Ellison, M. 38779
Syphers, M. *see* Huang, H. 23976
Syphers, M. *see* Lee, S.Y. 7040
Syphers, M. *see* Li, D. 6973
Syphers, M.J. *see* Edwards, D.A. 31549
Syphers, M.J. *see* Garren, A.A. 46763
Syrachev, I.V. *see* Balakin, V.E. 17016
Syralev, V.A. *see* Vodakov, Yu.A. 28663
Syrbu, A. *see* Chand, N. 43820
Syrbu, A.V. *see* Bertolotti, M. 35869
Syred, N. *see* Avenell, C.S. 25207
Syrett, S.A. *see* Macdonald, R.P. 20958
Syrkin, E.S. *see* Voinova, M.V. 20118
Syrkin, M. *see* Elbaum, M. 29767
Syromyatnikov, S.Yu. *see* Beim, R.S. 24644
Syrovoy, V.A. *see* Akimov, P.I. 10603
Syrovoy, V.A. *see* Neganova, L.A. 1791
Syrtsov, S.R. The estimation of a thermal time constant of a pyroelectric-liquid crystal spatial light modulator 28530
Syrtsov, S.R. *see* Dubrovskaya, T.S. 15081
Syrzycki, M.J., Carr, L., Chapman, G.H., Parameswaran, M. A wafer scale visual-to-thermal converter 23716
Syrzycki, M.J. *see* Chapman, G.H. 46516
Syski, R. Pollaczek's method in queueing theory 5204
Sysoev, V.K. *see* Masychev, V.I. 28719
Sysoev, V.S. Main technological considerations of organising small-scale manufacture of 300-600 W motors for general electrical engineering under actual conditions of manufacture 8293
Syta, A., Levkowitz, H. Color models in lossless image compression using transform coding 36582
Sytchevsky, S.E. *see* Ananiev, S.M. 15680
Sytnik, O.V. Image segmentation technique in the scanning of the Earth's surface 32058
Sytnik, O.V. *see* Kalmykov, A.I. 6124
Sytnik, V. *see* Denisov, S. 31708
Sytnik, V.V. *see* Ageev, A.I. 15546
Sytnik, V.V. *see* Gilitskii, Yu.V. 46921
Sywe, B.S., Yu, Z.J., Burckhard, S., Edgar, J.H. Epitaxial growth of SiC on sapphire substrates with an AlN buffer layer 33646
Sywe, B.S., Yu, Z.J., Edgar, J.H. Epitaxial growth of AlN on 3C-SiC and Al_2O_3 substrates 760
Sywe, B.S., Yu, Z.J., Edgar, J.H., Chaudhuri, J. Growth and characterization of layered structures of silicon carbide and aluminium nitride 18266
Szabados, B. *see* Dableh, J.H. 8385
Szabados, B. *see* Hodaie, P. 36185
Szabados, L. *see* Ezsol, G. 39873
Szabo, A., Farrall, P.D., Engel, T. Thermal and direct etching mechanisms of Si(100) with a hyperthermal chlorine beam 42718
Szabo, G., Bor, Z. Frequency conversion of ultrashort pulses 44044
Szabo, G. *see* Bor, Z. 15911
Szabo, G. *see* Hofmann, T. 20633
Szabo, G. *see* Le Blanc, S.P. 20615
Szabo, I., Marczynski, T.J. A low-noise preamplifier for multisite recording of brain multi-unit activity in freely moving animals 7424
Szabo, L., Viorel, I.A., Kovacs, Z. Computer simulation of a closed-loop linear positioning system 40269
Szabo, L. *see* Viorel, I.A. 40268
Szabo, P. *see* Lesch, A. 37555
Szabo, T.E., Kopec, M. Update on the modernization of 200 MW hard coal power plants in Poland 39929
Szajman, J. *see* Murphy, M.M. 38538
Szalewski, M. *see* Kielczynski, P. 16061
Szalewski, M. *see* Kielczynski, P. 47302
Szamel, L. *see* Borka, J. 17490
Szaraniec, W. *see* Kazimierczuk, M.K. 40655
Szarek, J. *see* Slater, M. 26957
Szarvas, G., Barabas, M., Richter, P., Jakab, L. Design of multielement acircular waveguide lens systems in anisotropic media 11670
Szatkowski, J., Firszt, F., Meczynska, H., Legowski, S. Electrical and optical properties of ZnSe:Mg crystals 10662
Szatmari, S. High-brightness ultraviolet excimer lasers 43710
Szatmari, S. *see* Houliston, J.R. 20655
Szatmari, S. *see* Kovacs, G. 8687
Szatmari, S. *see* Kovacs, G. 28743
Szauter, I. *see* Batalneh, A. 26872
Szauter, I. *see* Batalneh, A. 33814
Szawlis, J. *see* Wiszniewski, A. 10291
Szawlowski, M. *see* Dabrowski, A.J. 24069
Szawlowski, M. *see* Gramsch, E. 23998
Szczepaniak, P.S. *see* Prang, J. 8146
Szczepaniski, P. *see* Tyszka, A. 3502
Szczepanski, P. *see* Mossakowska, A. 3501
Szczepanski, P. *see* Tyszka-Zawadzka, A. 43844
Szczepanski, R.S. *see* MacGregor, P.R. 47440
Szczepanski, S. *see* Czarniak, A. 1084
Szczerbakow, A. Crystal selection in the self-selected vapour growth (SSVG) of PbSe in a vertical system 646
Szczesny, P.M. *see* Jahns, T.M. 39302
Szczesny, R., Iwan, K., Ronkowski, M. TCAD—a simulation package for power electronic systems 8582
Szczesny, R. *see* Ronkowski, M. 8858
Szczutkowski, M. Conflicts and considerations in a mixed PLD and FPGA design 41867
Szczyglowski, J.Z. On improving resistance to oxidation of amorphous ribbons $Fe_{78}(SiB)_{22}$ by insulation 28363
Szczypinski, M. *see* Borzemski, L. 22571
Sze, T., Mahbobzadeh, A., Cheng, J., Hersee, S., Osinski, M., Brueck, S.R.J., Malloy, K.J. Profiling of MOCVD and MBE-grown VCSEL wafers for WDM sources 20830
Sze, T.W. *see* Lu, H.Q. 5125
Sze, Y.C. *see* Chang, T.-N. 4205
Sze Keong Chan, Leon-Garcia, A. Block loss for ATM video 30178
Sze-Him Ng, Surya, C. $1/f^{\gamma}$ fluctuations in the transmission coefficient of strained-layer $In_{0.53}Ga_{0.47}As/AlAs/InAs$ resonant tunneling diodes due to interfacial trapping effects 28082
Szebesta, D., Davey, S.T., Williams, J.R., Moore, M.W. OH absorption in the low loss window of ZBLAN(P) glass fibre 3008
Szebesta, D. *see* Davey, S.T. 3546
Szebesta, D. *see* Lauder, R.D.T. 3549
Szebesta, D. *see* Massicott, J.F. 20664
Szebesta, D. *see* Percival, R.M. 12073
Szebesta, D. *see* Wyatt, R. 3509
Szebeszczyk, J.M. Application of clamp-on ultrasonic flowmeter for industrial flow measurements 46689
Szechtman, M. HVDC modelling for control studies 47482
Szechtman, M., Woodford, D.A. Long distance electric power transmission 47457
Szegedy, M. *see* Fortnow, L. 12885
Szeglowski, S.D., Hornak, J.P. Asymmetric single-turn solenoid for MRI of the wrist 47060
Szekely, C., Drullinger, R. Improved rubidium frequency standards using diode lasers with AM and FM noise control 6299
Szekely, C. *see* Drullinger, R.E. 23388
Szekely, G. *see* Denby, B. 7272
Szekely, G. *see* Gerig, G. 39021
Szekely, G. *see* Hornblad, P. 7233
Szekely, G. *see* Kiryati, N. 13637
Szekely, G. *see* Minerskjold, M. 7237
Szekely, V. Comments on "selfheating effects in silicon resistors operated at cryogenic ambient temperatures" 28223
Szekeres, B. *see* Nyuli, A. 36188
Szelag, M. *see* Klingler, M. 41727
Szeliski, R., Sing Bing Kang Recovering 3D shape and motion from image streams using nonlinear least squares 45210
Szeliski, R. *see* Bittar, E. 30048
Szepesi, T., Frank, R., Santo, H., Rozman, A. A new 1 MHz off-line PWM controller chipset with pulse communication for voltage-current and charge-mode control 26711
Szepesi, T. *see* De Stasi, F.J. 1035
Szeponik, J., Moritz, W. Investigation of sensor characteristics of chemical semiconductor sensors with impedance spectroscopy 6478
Szeptycka, M. *see* Algeri, A. 31719
Szeptycka, M. *see* Doroba, K. 7227
Szerszen, P. *see* Hadlock, D. 39116
Szerszen, P. *see* Kohlberg, I. 44442
Szeto, E. *see* Brown, K.C. 19659
Szeto, L.H. *see* MacDowell, A.A. 27832
Szewczyk, P. *see* Dmowski, A. 8563
Szilagyi, P., Narui, M., Dawson, F.P. Further refinements to an optimum gate drive for high power GTO thyristors 8624
Szipocs, R., Ferencz, K., Spielmann, C., Krausz, F. Chirped multilayer coatings for broadband dispersion control in femtosecond lasers 28586
Szipocs, R. *see* Ferencz, K. 12293
Szipocs, R. *see* Stingl, A. 28796
Szklarski, L., Dziadecki, A., Zarudzki, J. Analysis of the operation of induction machine at different methods of control 16842
Szmanda, C.R. *see* Fedynyshyn, T.H. 11046
Szmanda, C.R. *see* Fedynyshyn, T.H. 27960
Szmigiel, C. Taxonomic analysis of lagged time series 41059
Sznaier, M. *see* Megalemos, C. 26716
Szolgay, P., Kispal, I., Kozek, T. An experimental system for optical detection of layout errors of printed circuit boards using learned CNN templates 1703
Szolovits, P. *see* Frainier, R. 47173
Szoncso, F. *see* Bencze, G.L. 38858
Szoncso, F. *see* Gasparini, F. 7223
Szoplik, T. *see* Garcia, J. 21964
Szoplik, T. *see* Kober, V. 13532
Szorenyi, T. *see* Gonzalez, P. 2146
Szostek, B., Trojanowicz, M. Flow-injection analysis using Fourier transform of a multiple injection signal 46675
Szott, W., Jedrzejek, C., Kirk, W.P. Influence of bandwidth and dopant profile on quantum interference from superlattice transport studies 1902
Szpankowski, W. A generalized suffix tree and its (un)expected asymptotic behaviors 21524
Szpankowski, W. Asymptotic properties of data compression and suffix trees 36456
Sztefka, G. *see* Piprek, J. 43924
Sztipanovits, J., Wilkes, D.M., Karsai, G., Biegl, C., Lynd, L.E., Jr. The multigraph and structural adaptivity 4625
Sztrik, J., Rigo, R. On a closed communication system with fast sources and operating in Markovian environments 5279
Szu, H. *see* Garcia, J.P. 5091
Szubzda, B. *see* Kordas, R. 10550
Szum, D. *see* Bishop, T. 2982
Szum, D.M. *see* Chawla, C.P. 35372
Szumanowski, A., Brusaglino, G. Analyses of the hybrid drive consisted of electrochemical battery and flywheel 48269
Szumanowski, A., Jaworowski, B. The control of the hybrid drive 48268
Szwed, M.K. *see* Sullivan, G.J. 2464
Szydlowski, A. *see* Al-Mashhadani, E.M. 46969
Szygenda, S.A. *see* Kang, S. 18696
Szygenda, S.A. *see* Sungho Kang 41594
Szymanda, J.M. *see* Lobos, T. 13421
Szymanski, J.J., Bowman, J.D., Delheij, P.P.J., Frankle, C.M., Knudson, J., Penttila, S., Seestrom, S.J., Yoo, S.H., Yuan, V.W., Zhu, X. Ion chamber system for neutron flux measurements 38862
Szymanski, P. *see* Doroba, K. 7227
Szymanski, T.G., Shenoy, N. Verifying clock schedules 27030
Szymczak, H. *see* Krynetski, I. 35210
Szymczak, R. *see* Krynetski, I. 35210
Szymkowiak, A. *see* McCammon, D. 19924
Szymkowiak, A.E., Kelley, R.L., Moseley, S.H., Stahle, C.K. Signal processing for microcalorimeters 24130
Szymkowiak, A.E. *see* Gaidis, M.C. 24052
Szymkowiak, A.E. *see* Stahle, C.K. 24036
Szymkowiak, A.E. *see* Stahle, C.K. 24129
Szyszko, S. *see* Bouchard, M.G. 13474

't Hooft, G.W. *see* Eliel, E.R. 44081
't Hout, S.R.in *see* in 't Hout, S.R.
T. Ko.Young *see* Young T. Ko.
Ta, T. *see* Mikulan, P.I. 34865
Ta Lam *see* Lam Ta
Taagholt, S. *see* Nielsen, K.D. 38960
Tabak, D. *see* Makhdoom, S. 18782
Tabakaeva, T.N. *see* Dryagin, Yu.A. 6729
Tabakow, I.G. Using D-algebra to generate tests for m-logic combinational circuits 10068
Tabar, F.Meibody *see* Meibody Tabar, F.
Tabara, M. *see* Fong, T.K. 14628
Tabara, M. *see* Fong, T.K. 45999
Tabara, M. *see* Jay, D. 30702
Tabarov, T.S. *see* Abashkina, S.A. 3326
Tabarov, T.S. *see* Zhebulev, I.A. 28650
Tabary, L. *see* Bernard, R. 39357
Tabasky, M. *see* Silletti, A. 3400
Tabata, A., Kuno, Y., Suzuoki, Y., Mizutani, T. Preparation of a-Si_xC_{1-x}:H films by a separately-excited-plasma CVD method 26514
Tabata, A. *see* Georgakilas, A. 740
Tabata, A. *see* Kalboussi, A. 18188
Tabata, K. *see* Shinkawa, O. 17448
Tabata, M. *see* Genno, S. 23042
Tabata, M. *see* Higashiki, T. 42802
Tabata, N. *see* Nagai, H. 43715
Tabata, O., Inagaki, H., Sugiyama, S., Yamada, H. Characteristics of a silicon monolithic pressure-flow sensor for air-mass flow measurements 6377
Tabata, O. *see* Asahi, R. 31233
Tabata, T. *see* Kirk, A. 28551
Tabata, T. *see* Kirk, A. 36042
Tabata, T. *see* Kirk, A. 43586
Tabatabaei, S.A. *see* Wood, C.E.C. 1885
Tabatabayee, N.M. *see* Kenarangui, R. 16239
Tabbal, M., Izquierdo, R., Meunier, M., Yelon, A. Surface interaction between WF_6 and GaAs under UV laser illumination 42785
Tabbara, W. *see* Crampagne, J. 26106
Tabbara, W. *see* Lecointe, D. 29283
Tabbone, S. *see* Djemel Ziou 4829

Tabe, M. *see* Omura, Y. 42956
Tabe, M. *see* Ono, Y. 19580
Tabei, S. *see* Saito, C. 33112
Tabet-Aouel, N.M. *see* Kouvatsos, D.D. 45318
Tabib-Azar, M. *see* Eskiyerly, M. 3148
Tabib-Azar, M. *see* Garvia-Valenzuela, A. 6542
Tabib-Azar, M. *see* Hsiang, P. 3152
Tabib-Azar, M. *see* Jenkins, P.P. 42979
Tabib-Azar, M. *see* Rao, U.K. 6539
Tabib-Azar, M. *see* Rao, U.K. 15047
Tabisz, W.A. *see* Lindner, D.K. 8605
Tabler, J., Brooke, M., Dorsey, J., Arayani, S. Solution of massively parallel systems of non-linear equations using analog circuits 16232
Tabors, R.D. *see* Nishimura, F. 24714
Tabory, C.N., Young, P.G., Smith, E.D., Alterovitz, S.A. Plasma deposited SiO_2 for planar self-aligned gate metal-insulator-semiconductor field effect transistors on semi-insulating InP 42907
Tabory, C.N. *see* Compaan, A. 25701
Taboryski, R. *see* Baklanov, K. 24007
Tabouratzis, G. *see* Patel, D. 30066
Taboury, J. *see* Seyd-Darwish, I. 21103
Taboury, J. *see* Zhai, H.C. 44146
Tabuchi, J., Saito, T., Kibi, Y., Ochi, A. Large capacitance electric double layer capacitor using activated carbon/carbon composite 1664
Tabuchi, J. *see* Saito, T. 19170
Tabuchi, K., Wenas, W.W., Yamada, A., Konagai, M., Takahashi, K. Optimization of ZnO films for amorphous silicon solar cells 8751
Tabuki, Y. *see* Kametani, H. 10764
Tabuki, Y. *see* Ohji, Y. 10766
Tabuki, Y. *see* Tanigawa, S. 10732
Tabuki, Y. *see* Uedono, A. 10815
Tacano, M. Hooge parameter determined by impurity scattering 10669
Tacano, M. Hooge fluctuation parameter of semiconductor microstructures 19400
Tacano, M. Hooge fluctuation parameter of semiconductor microstructures 27507
Tacano, M. *see* Hashiguchi, S. 19883
Tacano, M. *see* Taguchi, T. 18155
Taccheo, S. *see* Cerullo, G. 35759
Taccheo, S. *see* Laporta, P. 3477
Taccheo, S. *see* Sacchi, G. 43800
Taccini, G. *see* Cavagnetto, F. 7503
Tacconi, E. *see* Jach, C. 15554
Tacconi, G., Tiano, A., Minna, L. Application of HOS to the analysis of background ELF noise by TSS-1 mission 6770
Tacconi, G., Tiano, A., Pagnan, S. Application of non-standard signal processing to ELF noise characterization for the TSS1-OESEE programme 4166
Tacey, P.A., Macesic, N. Mobile payphone system 30338
Tache, O. *see* Fauquembergue, P. 24917
Tachi, T., Iai, S., Kitawaki, N. A method of selecting HDTV test pictures for subjective quality assessments 23313
Tachi, T. *see* Iai, S. 14798
Tachibana, K. *see* Hanaoka, K. 9700
Tachibana, K. *see* Shirafuji, T. 9749
Tachibana, S. *see* Hasegawa, K. 3232
Tachibana, T. *see* Kitsukawa, G. 26921
Tachibana, T. *see* Kitsukawa, G. 26953
Tachibana, T. *see* Shirakawa, M. 38263
Tachibana Hiroaki *see* Hiroaki Tachibana
Tachieda, H., Koike, T. PBX-computer linkage applications 45688
Tachikawa, A. *see* Aigo, T. 19902
Tachikawa, A. *see* Nakahara, S. 31886
Tachikawa, A. *see* Ohtani, K. 48458
Tachikawa, K., Sakinada, K., Kobayashi, M. New A15 $Nb_3(Al,Ge)$ tape prepared from σ-phase powder 11514
Tachikawa, M. *see* Sasaki, T. 28649
Tachikawa, M. *see* Sugo, M. 28858
Tachikawa, S. Characteristics of M-ary/spread spectrum multiple access communication systems using co-channel interference cancellation techniques 5184
Tachikawa, Y., Inoue, Y., Kawachi, M., Takahashi, H., Inoue, K. Arrayed-waveguide grating add-drop multiplexer with loop-back optical paths 14629
Tachikawa, Y. *see* Yonehara, H. 12392
Tachikura, M. Numerical calculation of multiple reflected optical power in optical fiber transmission lines 35410
Tachikura, M., Katagiri, T., Kobayashi, H. Matrix enlargement in connector-type optical switching apparatus by a novel technique which eliminates fiber tangling 30814
Tachikura, M. *see* Katagiri, T. 22743
Tack Don Han *see* Sung Jin Song 26554
Tack Ro Sung *see* Sung Tack Ro
Tacke, M. *see* Agne, M. 35861
Tacken, J. *see* Kupitz, E. 26616
Tackeuchi, A., Inata, T., Nakata, Y., Nakamura, S., Sugiyama, Y., Muto, S. Picosecond signal recovery of type II tunneling bi-quantum-well etalon in all-optical gate operation 35989
Tackeuchi, A. *see* Sugiyama, Y. 27560
Tada, A. *see* Kawai, H. 18763
Tada, E. *see* Tsuji, H. 28422
Tada, G. *see* Fujishima, N. 42921
Tada, H. *see* Nishida, K. 23830
Tada, H. *see* Nishimura, T. 3633
Tada, H. *see* Saito, Y. 3186
Tada, H. *see* Sugimoto, H. 19554
Tada, H. *see* Yoshizawa, N. 45065
Tada, K. *see* Chen, N. 43866
Tada, K. *see* Sato, K. 35794
Tada, K. *see* Sudoh, T.K. 43885
Tada, K. *see* Takizawa, K. 3217
Tada, K. *see* Torii, Y. 35254
Tada, K. *see* Yoshikawa, T. 3608
Tada, N. *see* Nakamura, S. 32356
Tada, S. *see* Kawagoshi, T. 16178
Tada, S. *see* Kusumoto, K. 27020
Tada, T., Kanayama, T. Fabrication of silicon nanostructures with electron-beam lithography using AlN as a dry-etch durable resist 27900
Tada, T. *see* Morita, I. 32862
Tada, Y., Ishida, O., Shibata, N., Nosu, K. Design consideration on a DBR-laser transmitter for fast frequency-switching in an optical FDM cross-connect system 6061
Tada, Y. *see* Ishida, O. 35776
Tada, Y. *see* Ishida, O. 35884
Tadakuma, S. *see* Hatano, Y. 17557
Tadakuma, S. *see* Shimane, K. 25868
Tadatomo, K., Watabe, S. Growth of thick $In_{0.3}Ga_{0.7}P$ alloy semiconductor substrate using "yo-yo solute feeding method" 26402
Taday, P. *see* Danson, C.N. 3569
Tadayon, B., Fatemi, M., Tadayon, S., Moore, F., Dietrich, H. Electrical characterization of low temperature GaAs layers and observation of the extremely large carrier concentrations in undoped material 1853
Tadayon, B. *see* Fatemi, M. 741
Tadayon, B. *see* Kyono, C.S. 34562
Tadayon, S. *see* Chen, S. 42222
Tadayon, S. *see* Correra, F.S. 28109
Tadayon, S. *see* Fatemi, M. 741
Tadayon, S. *see* Kyono, C.S. 34562
Tadayon, S. *see* Tadayon, B. 1853
Taddeo, A. *see* Antognetti, P. 18944
Taddiken, A. *see* Frazier, G. 33944
Taddiken, A.H. *see* Seabaugh, A.C. 1137
Taddiken, A.H. *see* Seabaugh, A.C. 11290
Tadepalli, P.V. *see* Mahadevan, S. 1121
Tadikonda, S.K. *see* Sonka, M. 29826
Tadj, L. *see* Dshalalow, J.H. 9388
Tadmor, E. *see* Goodman, J. 33553
Tadokoro, M. *see* Nogami, M. 40431
Tadokoro, M. *see* Nogami, M. 40432
Tadokoro, Y., Yamanaka, S., Ishihara, A. Multirate discrete Fourier transform 13468
Tadokoro, Y. *see* Matsuse, K. 16855
Tadokoro, Y. *see* Murakami, J. 13195
Tadokoro, Y. *see* Okuda, T. 22329
Tadokoro, Y. *see* Tian-Bo Deng 36682
Tadokoro, Y. *see* Wakayama, N. 39838
Tadokoro, Y. *see* Yasukawa, S. 39819
Tadros, Y. *see* Keller, C. 8566
Tadzhiev, U.A. *see* Zakhidov, R.A. 40068
Tae Ahn Byung *see* Byung Tae Ahn
Tae Ahn Sung *see* Sung Tae Ahn
Tae Bae In *see* In Tae Bae
Tae Choi *see* Subbarao, M. 45231
Tae Gak Kim *see* Heung Sik Kim 2646
Tae Gon Kim *see* Kyu Chang Park 26487
Tae Ha Huen *see* Huen Tae Ha
Tae Heung-Sik *see* Heung-Sik Tae
Tae Ho Park *see* Il Song Han 1375
Tae I. Kim *see* Jae S. Yoo 20916
Tae Jung Sung *see* Sung Tae Jung
Tae Kim Won *see* Won Tae Kim
Tae Kim Yong *see* Yong Tae Kim
Tae Kim Youn *see* Youn Tae Kim
Tae Kyung Sung *see* Ick Ho Whang 36647
Tae Kyung Sung *see* Ick Ho Whang 44870
Tae-Goo Choy *see* Oh-Gone Chun 43414
Tae-Hun Moon, Ycarn-Ik Choi, Sang-Koo Chung Calculation of avalanche breakdown voltage of the InP P^+-N junction 19396
Tae-Hyun Yang *see* Su-Il Pyun 42598
Tae-Kyung Yoo *see* Doyeol Ahn 43843
Tae-Soek Ro *see* Jae-Cheol Kim 13930
Tae-Wook Eum *see* Yoon-Ho Kim 16904
Tae-Woong Kim, Hyo-Sung Kim, Jae-Ho Choi Input filter design for current source PWM GTO converter 8623
Tae-Woong Kim *see* Hyo-Sung Kim 17089
Taeck-Kie Lee, Beom-Seok Seo, Dong-Seok Hyun Synchronization on the points of turn-off time of series-connected power semiconductor devices using Miller effect 1044
Taeg Il Cho *see* In Gook Chun 29975
Taeil Kim *see* Yoo, J.S. 35842
Taek Chung Kyung *see* Kyung Taek Chung
Taek Jun Seok *see* Seok Taek Jun
Taelman, W. *see* Serres, A.W. 17594
Taenzler, F., Mertin, W., David, G., Jager, D., Kubalek, E. Experimental characterization of the perturbations of microwave devices by the electro-optic probe tip 42236
Taenzler, F. *see* Mertin, W. 1650
Taenzler, F. *see* Mertin, W. 42237
Taeymans, Y. *see* Xin, Y. 24207
Tafazolli, R., Evans, B.G. Interworking and integration of the Inmarsat Standard-M with the Pan-European GSM system 37911
Tafazolli, R. *see* Cullen, C. 22823
Tafazolli, R. *see* Cullen, C. 45898
Tafazolli, R. *see* Cullen, C.J. 37948
Tafazolli, R. *see* Monogioudis, P.N. 5189
Tafazolli, R. *see* Monogioudis, P.N. 37081
Tafjord, K. Design for electromagnetic compatibility (EMC) 4146
Taflove, A., Gandhi, O.P. Comments on "A frequency-dependent finite-difference time-domain formulation for general dispersive media" [and reply] 44328
Taflove, A. *see* Jurgens, T.G. 36160
Taflove, A. *see* Umashankar, K. 17658
Taft, R.C., Noell, M.S. Device structure characterization using the comparative capacitance-voltage technique 42862
Tafuri, F. *see* Esposito, E. 31773
Tafuri, F. *see* Gurvitch, M. 35270
Tag, M., Cohen, C. Applying DOMAINS concepts to manage networked systems intelligently 37288
Taga, H., Suzuki, M., Yoshida, Y., Yamamoto, S., Wakabayashi, H. Bit-error-rate characterization of 1M-DD ultralong-distance optical communication systems with Er-doped fiber amplifiers using a recirculating loop 45951
Taga, H. *see* Matsuoka, N. 39616
Taga, H. *see* Namihira, Y. 5888
Taga, H. *see* Suzuki, M. 5970
Taga, H. *see* Suzuki, M. 6084
Taga, S. *see* Kokubun, Y. 35552
Taga, Y. Recent progress of optical thin films in the automobile industry 3290
Taga, Y. *see* Asahi, R. 31233
Tagare, H.D., deFigueiredo, R.J.P. Reply to "On the localization performance measure and optimal edge detection" 36995
Tagare, H.D., Vos, F., Jaffe, C.C., Duncan, J.S. Arrangement: a spatial relation comparing part embeddings and its use in medical image comparisons 37034
Tagashira, H. *see* Itoh, H. 2709
Tagashira, H. *see* Itoh, H. 46487
Tagashira, H. *see* Nakao, Y. 11336
Tagavi, K.A. *see* Godfrey, W.M. 42291
Tagawa, H. Status of SOFC development in Japan 17324
Tagawa, H. *see* Mizusaki, J. 17364
Tagawa, I. *see* Hirokoh, M. 28381
Tagawa, I. *see* Itoh, K. 20158
Tagawa, I. *see* Shimizu, Y. 28379
Tagawa, K., Ohta, Y., Maki, H., Haneka, H. A multi-DSP implementation of digital controller with minimum throughput time 1248
Tagawa, N. State of the art for nanospacing flying head slider mechanisms in magnetic recording disk storage 2821
Tagawa, N., Toriu, T., Endoh, T. Un-biased linear algorithm for recovering three-dimensional motion from optical flow 22166
Tagawa, R. *see* Yanagita, Y. 25913
Tagawa, S. *see* Kozawa, T. 27878
Tagawa, S. *see* Ogata, A. 6952
Tagawa, S. *see* Yoshida, Y. 6954
Tagawa, Y. *see* Iwata, M. 40412
Tagaya, A. *see* Koike, Y. 3496
Tagaya, A. *see* Yamamoto, T. 28757
Tager, A.A. Mode competition and mode locking in compound cavity semiconductor lasers 43930
Tager, A.A., Elenkrig, B.B. Stability regimes and high-frequency modulation of laser diodes with short external cavity 43846
Tager, A.S. *see* Bogdanov, Yu.M. 10435
Taggart Rogers, S., Holloran, R.W. Automated production and maintenance of BWR emergency operation procedures 39740
Taghizadeh, M.R., Miller, J.M., Blair, P., Bett, T.H., Stevenson, R.M. Design and fabrication of synthetic diffractive optical elements for high power laser applications 12479
Taghizadeh, M.R. *see* Robertson, B. 21113
Taghizadeh, M.R. *see* Tooley, F.A.P. 43568
Taghizadeh, M.R. *see* Turunen, J. 12423
Taghizadeh, M.R. *see* Turunen, J. 12460
Taghizadeh, M.R. *see* Walker, A.C. 11744
Taghizadeh, M.R. *see* Walker, A.C. 11904
Tagliaferri, A.A. *see* Nader, G. 44169
Tagliaferri, R. *see* Esposito, A. 4437
Tagliaferri, R. *see* Esposito, A. 4496
Tagliaferri, R. *see* Esposito, A. 44675
Tagliarini, G.A. *see* Narayan, S. 30933
Taglieri, G. *see* Bollanti, S. 24124
Tago, N. *see* Aihara, K. 5700
Tago, O. *see* Matsuura, T. 34468
Tago, T. *see* Maruyama, T. 33680
Taguchi, A., Murata, Y. Improving the performance of multilevel median filters for image processing 13650
Taguchi, A., Murata, Y. Adaptive α-trimmed mean filters based on local statistics 27088
Taguchi, A., Nagashima, K., Murata, Y. A new application approach of LMS algorithm to image signals 29794
Taguchi, A., Sone, M., Tsubota, A., Yoshida, Y. Experimental analysis of the learning and the recognizing of neural network using the phoneme data 21664
Taguchi, K., Onogawa, Y., Kariya, K., Nakanishi, T. Recognition of automobiles from TV video signals 14836
Taguchi, K. *see* Ishikawa, H. 5983
Taguchi, K. *see* Sanada, M. 43106

Taguchi, K. *see* Sato, N. 14739
Taguchi, K. *see* Tsuji, M. 20537
Taguchi, K. *see* Tsuji, M. 35577
Taguchi, M., Yamashita, K., Tanaka, K., Tanaka, T. Analysis of a coil-loaded wire antenna 4273
Taguchi, M. *see* Oshida, S. 18730
Taguchi, S. *see* Aida, T. 19284
Taguchi, T., Mima, K. Computer simulation of micro-Cherenkov FEL oscillator 44001
Taguchi, T., Onodera, C., Yamada, Y., Masumoto, Y. Band offsets in CdZnS/ZnS strained-layer quantum well and its application to UV laser diode 3593
Taguchi, T., Takeuchi, Y., Matugatani, K., Ueno, Y., Hattori, T., Sugiyama, Y., Tacano, M. Critical layer thickness of $In_{0.80}Ga_{0.20}As/In_{0.52}Al_{0.48}As$ heterostructures 18155
Taguchi, T. *see* Fujimoto, S. 20266
Taguchi, T. *see* Furuya, S. 16717
Taguchi, T. *see* Nagata, H. 27885
Taguchi, T. *see* Oizumi, H. 27855
Taguchi, T. *see* Sugaya, T. 20276
Taguchi, Y. Semi-simplicity of the Galois representations attached to Drinfeld modules over fields of 'infinite characteristics' 497
Taguchi, Y., Miyauchi, K., Eda, K., Ishida, T. A GHz-band ceramic multi-layer substrate and its application to a hybrid IC 1648
Taguchi, Y. *see* Eda, K. 2712
Tague, J.A. *see* Conn, R.M. 44909
Tague, J.A. *see* McWhorter, F.I. 13166
Tah, J.H.M., Thorpe, A., McCaffer, R. Contractor project risks contingency allocation using linguistic approximation 17781
Tah Fu Lei *see* Shye Lin Wu 10927
Taha, L.H., Caldwell, B.S. Social isolation and integration in electronic environments 5278
Taha, L.H., Caldwell, B.S. Communication media acceptance in organizations: an alternative research model 13933
Taha, O. *see* Irving, E. 39810
Taha, S.M.R. The measurement of the polar and rectangular forms of impedances 31383
Taha, S.M.R. *see* AL-Sudany, H.M.H. 31384
Taha, T.R. A differential-difference equation for a KdV-MKdV equation 18100
Tahaghoghi Vatani, O. *see* Piel, A. 47358
Tahar, J.Bel Hadj *see* Bel Hadj Tahar, J.
Tahara, H., Kitayama, J., Yasui, T., Onoe, K., Tsubakishita, Y., Yoshikawa, T. Long plasma generation using microwave slot antennas on a rectangular waveguide 44561
Tahara, K. *see* Koharagi, H. 8433
Tahara, K. *see* Koharagi, H. 25459
Tahara, R. *see* Fujiwara, T. 43291
Tahara, S., Nagasawa, S. Vortex transitional nondestructive read-out Josephson memory cell 26929
Tahara, S. *see* Nagasawa, S. 41901
Tahata, S., Masumi, T., Kaho, S., Mizunuma, M., Horikawa, T., Nakajima, H., Nishi, K. Uniformly aligned ferroelectric liquid crystal cell applied to a light valve 15150
Taherian, M.Reza *see* Reza Taherian, M.
Tahi, F. *see* Grumbach, S. 7319
Tahil, H. *see* Yoshida, S. 44019
Tahir, J.M., Dlay, S.S., Gorgui-Naguib, R.N., Hinton, O.R. Strongly fault-secure designs for arithmetic arrays 10051
Tahkokorpi, M. *see* Tervonen, A. 11632
Tahui Wang, Sheng-Jyh Wu, Chimoon Huang Device and circuit simulation of anomalous DX trap effects in DCFL and SCFL HEMT inverters 26808
Tahui Wang *see* Chimoon Huang 18740
Tai, A.M., Eismann, M.T., Neagle, B.D. Design and fabrication of a wide-field holographic lens for a laser communication receiver 29029
Tai, B.H. *see* Lowry, L.E. 34807
Tai, C.C. *see* Po-Rong Chang 31002
Tai, C.H. *see* Chen, K. 35296
Tai, C.T. Complementary reciprocity theorems for two-port networks and transmission lines 34147
Tai, K., Kai-Feng Huang, Chang-Cherng Wu, Wynn, J.D. Visible InGaP/InGaAlP quantum well top surface emitting laser diodes 3648
Tai, K., Lai, Y., Huang, K.F., Huang, T.C., Lee, T.D., Wu, C.C. Transverse mode emission characteristics of gain-guided surface emitting lasers 12216
Tai, K. *see* Huang, K.F. 28818
Tai, K. *see* Ochiai, A. 14270
Tai, K. *see* Wu, C.C. 12141
Tai, K. *see* Wu, C.C. 35891
Tai, K.L. *see* Frye, R.C. 35054
Tai, K.L. *see* Lau, M.Y. 331
Tai, K.L. *see* Lee, C.H. 43878
Tai, L.-W., Nasrallah, M.M., Anderson, H.U. $(La_{1-x}Sr_x)(CO_{1-y}Fe_y)O_3$, a potential cathode for intermediate temperature SOFC applications 17272
Tai, S. *see* Oita, M. 35320
Tai, S.C. AZTDIS—a two-phase real-time ECG data compressor 15868
Tai, S.C. Designing ECG sub-band coders 31963
Tai, T.-Y.C. *see* Gerla, M. 22510
Tai, W.-C. *see* Laih, C.-S. 29439
Tai, W.W. *see* Mixon, D.A. 27966
Tai Chieng Yew *see* Yew Tai Chieng
Tai Gwo-Chung *see* Gwo-Chung Tai
Tai Kang *see* Kang Tai
Tai Shang-E *see* Shang-E Tai
Tai Shin Chung *see* Sung Rak Kim 23296
Tai Tsun Wu *see* Hao-Ming Shen 21458
Tai Tsun Wu *see* Myers, J.M. 24574
Tai Wei *see* Li Guo-Chun 38688
Tai Wen Chih *see* Wen Chih Tai
Tai Ya-Hsiang *see* Ya-Hsiang Tai
Tai Yun Kim *see* Ok Jin Jeong 29428
Tai-Chiung Hsieh *see* Chau-Jern Cheng 11753
Tai-Chiung Hsieh *see* Hsu, K.Y. 11771
Tai-Ho Wang *see* Jyh-Kuang Lin 1216
Tai-Hsiung Li *see* Chuan-Shen Liu 25265
Tai-Ju Chen *see* Ching-Fa Yeh 11193
Tai-Kang Wu *see* Jia-Shyong Cheng 6704
Tai-Kyung Won, Seung-Chan Moon, Hyeong-Soo Kim, Jin-Woong Kim, Myung-Sun Kim, Dong-Joon Ahn, Soo-Han Choi Influence of process parameters on the lithographic performance characterization in the top imaging process by silylation 11092
Tai-Ly Tso, Shih-I Chang Remote FTIR sensor monitors the subtropical atmosphere at Taiwan ground station 24495
Tai-Ming Parng *see* Shiang-Tang Huang 34002
Tai-Ming Parng *see* Wen-Chung Kao 18423
Tai-Ping Sun *see* Biing-Der Liu 28160
Tai-Ping Sun *see* Chung-Yu Wu 31216
Tai-Shung Ho *see* Jyh-Kuang Lin 1216
Tai-Su Park, Seong Joon Ahn, Sung Tae Ahn A novel local oxidation of silicon (LOCOS)-type isolation technology free of the field oxide thinning effect 42690
Taibi, A. *see* Chamagne, D. 8323
Taijing Lu *see* Lu Taijing
Tailhardat, S. *see* D'Ambrosio, C. 27441
Taillebois, J.P. *see* Sabot, A. 48017
Taillebois, J.P. *see* Sabot, A. 48034
Taimatsu, H. *see* Kaneko, H. 17327
Taira, H. *see* Takagi, H. 17278
Taira, J. *see* Senjyu, T. 25469
Taira, J. *see* Senjyu, T. 25473
Taira, K. *see* Funato, K. 19769
Taira, K. *see* Sugaya, T. 20276
Taira, K. *see* Takeuchi, T. 16011
Taira, S. *see* Ikegami, T. 5789
Taira, S. *see* Tanaka, K. 5854
Taira, T., Ogishi, H., Kobayashi, T. Single-mode selection in pulsed lasers by injection seeding 3523
Taisant, J.-P. *see* Roussel, T. 37914
Taisne, J.P. *see* Sabot, A. 25017
Tait, D. *see* Maas, S.A. 34933
Tait, D.J. *see* Deliot, E. 4647
Tait, D.J. *see* Deliot, E. 22702
Tait, D.L. *see* Huei Wang 34274
Tait, W.H. Digital colour radiography 41502
Taiwei Lu, Lin, F. Holographic implementation of interpattern association (IPA) neural network 28567
Taiyi Huang *see* Huang Taiyi
Tajaddodi, F. *see* Pettigrew, R.D. 32515
Tajadod, J., Insalaco, L.J. Simplified air bridge technique using photoresist UV stabilization process [for MMIC] 19133
Tajadod, J. *see* Chinoy, P.B. 17897
Tajahuerce, E. *see* Moya, A. 4948
Tajany, M., Diouris, J.F., Saillard, J., Lesthievent, G. Adaptive equalisation of multipath due to interaction between antenna and structure in a high data rate telemetry 30368
Tajes, E. *see* Angulo, J.M. 23479
Tajes, E. *see* Usategui, J.M.A. 17769
Taji, T., Murata, S., Katayanagi, I. Dedicated server FM R-340SV for personal computer local area network (PC LAN) 14133
Tajima, A. *see* Seumura, Y. 38100
Tajima, H. *see* Alexander, J.P. 24110
Tajima, H. *see* Alexander, J.P. 46860
Tajima, I. *see* Nakashima, K. 19590
Tajima, J. *see* Inoue, A. 22161
Tajima, K. All-optical switch with switch-off time unrestricted by carrier lifetime 12368
Tajima, K., Nakamura, S., Hamao, N., Sugimoto, Y. Switching experiments with a Mach-Zehnder-type all-optical device based on the band-filling nonlinearity in a GaAs waveguide and reduction in its relaxation time 29013
Tajima, K., Nakamura, S., Sugimoto, Y., Hamao, N. Mach-Zehnder type all-optical switch with a GaAs waveguide 30587
Tajima, K. *see* Anazawa, Y. 25876
Tajima, K. *see* Nagaoka, N. 16336
Tajima, K. *see* Ohashi, M. 2968
Tajima, M. *see* Kang, J. 41237
Tajima, N. *see* Chikawa, Y. 17878
Tajima, T., Obata, A. Hybrid low-pollution vehicles 48244
Tajima, T. *see* Koga, J. 46753
Tajima, T. *see* Koga, J.K. 46794
Tajima, T. *see* Mitsunobu, S. 6996
Tajima, T. *see* Nakajima, K. 7013
Tajima, Y. *see* Ishii, T. 17330
Tajiri, F. *see* Tsuji, H. 28422
Tajmouati, J. *see* Roy, R. 32621
Tak Don Han *see* Jae Ho Song 45322
Tak-Shing Peter Yum *see* Kit-Man Chan 45374
Tak-Shing Peter Yum *see* Kwok-Wah Hung 37722
Tak-Shing Yum *see* Kwok-Wah Hung 45767
Taka, K., Shibata, F. Characteristics of self-excited generator system at variable speed constant voltage constant frequency by multi-field induction machine 16828
Taka, K. *see* Fukami, T. 8312
Taka, M., Murakami, H. Performance design and monitoring techniques for multimedia services service quality from the customer viewpoint 37594
Takabatake, M., Tsumura, M., Nagae, Y. Consideration of feed-through voltage in amorphous-Si TFT's 11203
Takabayashi, T. *see* Tomita, Y. 46515
Takachio, N., Yoshida, S., Norimatsu, S., Oda, K. 10 Gb/s-10 ch optical FDM transmission experiment over 300 km using in-line optical fiber amplifiers and dispersion-shifted fiber 30844
Takachio, N. *see* Yonenaga, K. 23009
Takacs, J. *see* Grunnet-Jepsen, A. 20293
Takacs, J.M. *see* Liphardt, M. 28423
Takacs, L. Pollaczek's results in fluctuation theory 5207
Takada, E. *see* Kanazawa, M. 6908
Takada, E. *see* Kanazawa, M. 15457
Takada, H. *see* Sugibayashi, T. 26919
Takada, H. *see* Sugibayashi, T. 26954
Takada, J. *see* Ichikawa, K. 29349
Takada, J. *see* Ida, I. 36388
Takada, K., Aketagawa, M., Torii, K., Ogawa, S., Kozakura, Y. Geometrical accuracy measurement for large-scale steel bridge members 31442
Takada, K. *see* Ishikawa, K. 35137
Takada, K. *see* Morishita, N. 48339
Takada, K. *see* Shimizu, T. 19167
Takada, K. *see* Uchino, K. 20270
Takada, M. *see* Inoue, T. 27000
Takada, M. *see* Inoue, T. 41936
Takada, M. *see* Kuroda, T. 38226
Takada, M. *see* Suzuki, H. 11331
Takada, M. *see* Yamada, O. 6173
Takada, N., Tsutsui, T., Saito, S. Control of emission characteristics in organic thin-film electroluminescent diodes using an optical-microcavity structure 11855
Takada, N., Tsutsui, T., Saito, S. Controlled spontaneous emission in organic electroluminescent devices 11859
Takada, N. *see* Saito, S. 38616
Takada, S., Fujinaka, M. ZnO thin films prepared by RF magnetron sputtering method on SiO_2/Si substrate 33694
Takada, S. *see* Cristiano, R. 24132
Takada, S. *see* Cristiano, R. 38878
Takada, S. *see* Nakagawa, H. 15614
Takada, S. *see* Sato, H. 35280
Takada, T. *see* Kawasaki, T. 35173
Takada, T. *see* Kawasaki, T. 46594
Takada, T. *see* Li, Y. 35172
Takada, T. *see* Suh, K.S. 35168
Takada, Y. *see* Koui, Y. 22638
Takada, Y. *see* Tanaka, Y. 11468
Takada, Y. *see* Uehara, G. 11539
Takagaki, T. *see* Hirasawa, S. 9215
Takagaki, Y., Ferry, D.K. Quantum-interference effects of edge channels in the presence of an antidot potential 10703
Takagaki, Y. *see* Ferry, D.K. 43041
Takagi, A., Mori, Y. Development of the BLAKE-ECR negative ion source 15604
Takagi, A. *see* Mori, Y. 15572
Takagi, A. *see* Mori, Y. 15598
Takagi, A. *see* Mori, Y. 46829
Takagi, H., Taira, H., Shiratori, A., Kobayashi, S., Sugimoto, Y., Sakamoto, S., Tomono, K. Development of cofired type planar SOFC 17278
Takagi, H. *see* Kawamura, K. 25321
Takagi, H. *see* Toda, H. 25569
Takagi, I. *see* Mukaiyama, Y. 8676
Takagi, J. *see* Kotaki, H. 42763
Takagi, K., Mizunami, T., Yang, S., Wada, M. Low-frequency fluctuation of the transport factor in junction transistors 2387
Takagi, K. *see* Hirayama, K. 32513
Takagi, K. *see* Mizunami, T. 43449
Takagi, K. *see* Morioka, Y. 16444
Takagi, K. *see* Nishio, M. 14360
Takagi, K. *see* Nishio, M. 30588
Takagi, K. *see* Takeda, E. 11527
Takagi, K. *see* Yamawaki, K. 47209
Takagi, M. *see* Shinbori, E. 22148
Takagi, N. A modular inversion hardware algorithm with a redundant binary representation 4433
Takagi, N. *see* Miyagaki, S. 9582
Takagi, N. *see* Nakajima, K. 10056
Takagi, R., Sone, S. More intelligent DC railway electrical power systems with traction power control 17521
Takagi, S. Response calculation of the SSDs on board a satellite 24079
Takagi, S. *see* Goto, T. 20629
Takagi, S. *see* Yoshinaga, H. 1605
Takagi, T. Voice quality conversion keeping naturalness of human voice 44784
Takagi, T., Ikeda, Y., Nakajima, Y., Hashimoto, T. Design method of high efficiency UHF band monolithic multistage FET amplifier using harmonic terminating technique 19141

Takagi, T., Iwata, H., Ishii, Y. Development of substitutes for ozone layer-destroying CFCs 47285
Takagi, T., Miyasaki, E. A speech prosody conversion system with a high quality speech analysis-synthesis method 4533
Takagi, T., Nakayama, M., Nakajima, Y., Kadowaki, Y., Suzuki, K. A high-efficiency FET amplifier for mobile communications 33917
Takagi, T., Seino, K., Hashimoto, T., Kashiwa, T., Horiie, T. A Ka-band monolithic power amplifier using a novel tandem FET circuit 34283
Takagi, T., Tani, J. TEAM problem 16 (revised) magnetic damping in torsional mode 3993
Takagi, T., Tani, J., Kawamura, S. Numerical and experimental results of TEAM problem # 16—magnetic damping in torsional mode 3992
Takagi, T. *see* Fukushima, Y. 16578
Takagi, T. *see* Ishida, H. 10544
Takagi, T. *see* Kominami, M. 29348
Takagi, T. *see* Mizusaki, J. 17364
Takagi, T. *see* Mochizuki, M. 1573
Takagi, T. *see* Qiu, J. 18311
Takagi, T. *see* Taniguchi, M. 19192
Takagi, T. *see* Taniguchi, M. 42299
Takagi, T. *see* Ushida, H. 45109
Takagi, Y., Toyoshima, K., Kamakura, M., Oguchi, K., Miyaho, N. Performance testing techniques for ATM based systems 45696
Takagi, Y. *see* Agnesi, A. 20983
Takagi, Y. *see* Hirayama, K. 32513
Takagi, Y. *see* Ichinose, M. 20267
Takagi, Y. *see* Ishigame, A. 24772
Takagi, Y. *see* Kamitani, Y. 33869
Takagi, Y. *see* Ohishi, H. 7479
Takahama, A. *see* Ueno, T. 46101
Takahama, M. *see* Matsumoto, H. 19831
Takahama, T. *see* Isomura, M. 40463
Takahama, T. *see* Nonogaki, M. 1734
Takahama, T. *see* Tsuda, S. 33064
Takahara, H., Iwasaki , M., Tanibata, Y. Particle analyzer system 23490
Takahara, H., Koike, S., Yamaguchi, S., Tomimuro, H. Optical waveguide interconnections for opto-electronic multichip modules 3372
Takahara, M. *see* Morino, Y. 14204
Takahashi, A., Nagai, N., Miki, N. Digital filters based on complex transmission line networks 21748
Takahashi, A. *see* Itoh, J. 23344
Takahashi, A. *see* Miura, O. 42316
Takahashi, A. *see* Nagabuchi, H. 14843
Takahashi, A. *see* Torruellas, W. 44107
Takahashi, C. *see* Saka, T. 23991
Takahashi, E. *see* Ishiji, T. 38738
Takahashi, E. *see* Onoda, H. 10987
Takahashi, G. *see* Kurosawa, K. 32503
Takahashi, H. Confirmation of the error of Jordan's formula on tower surge impedance 39628
Takahashi, H., Harada, K., Nakazawa, M., Kenichi Hasegawa, Koh-ichi Mochiki, Hayakawa, Y., Inada, T. Development of a new X-ray radiography system with 16 amorphous silicon linear sensors 38994
Takahashi, H., Kenjo, T. A method of estimating resistive and viscous parameters in a system operating with a DC servomotor 16884
Takahashi, H., Kimoto, H., Mitsuishi, M., Tsuboshima, Y., Takahashi, R. 250 MHz BiCMOS synchronous SRAM 26930
Takahashi, H., Kodama, S., Kawarabayashi, J., Iguchi, T., Nakazawa, M. A new pulse height analysis system based on fast ADC digitizing technique 15675
Takahashi, H., Nagata, H., Kataoka, H., Takai, H. Formation of stress reduced silicon oxide films by Ar/H_2 sputtering method 33729
Takahashi, H., Toba, H., Inoue, Y. Multiwavelength ring laser composed of EDFAs and an arrayed-waveguide wavelength multiplexer 28897
Takahashi, H., Zaleta, D., Ma, J., Ford, J.E., Fainman, Y., Lee, S.H. Packaged optical interconnection system based on photorefractive correlation 20497
Takahashi, H. *see* Awaga, M. 10193
Takahashi, H. *see* Ezaki, K. 11361
Takahashi, H. *see* Goto, N. 19981
Takahashi, H. *see* Hasegawa, K.-i. 7387
Takahashi, H. *see* Ishido, K. 10564
Takahashi, H. *see* Jinguji, M. 14299
Takahashi, H. *see* Koyanagi, M. 10190
Takahashi, H. *see* Otobe, Y. 14794
Takahashi, H. *see* Sato, M. 40151
Takahashi, H. *see* Shimizu, F.O. 28737
Takahashi, H. *see* Tachikawa, Y. 14629
Takahashi, H. *see* Takamatsu, Y. 10116
Takahashi, H. *see* Velasquez, E.L.Z. 19612
Takahashi, H. *see* Yoshie, N. 37282
Takahashi, I., Omura, Y. High-power active filter using LC-tuned filter 16296
Takahashi, I. *see* Fujishiro, H. 33679
Takahashi, I. *see* Okada, C. 2100
Takahashi, J., Miyao, Y., Martins, M.N., Machado, J.M., Malafronte, A.A., Alcon, J.C.A., Junior, J.M., Bonini, A. The IFUSP racetrack microtron 15381
Takahashi, J., Takano, H., Nakaoka, M. A state-of-the-art 50 kW-10 kHz soft-switching assisted PWM DC-DC converter for X-ray power generator 8641
Takahashi, J. *see* Hatashita, H. 5807
Takahashi, J. *see* Matsutake, M. 17497
Takahashi, J. *see* Yasaki, T. 25641
Takahashi, K. Power system simulation techniques 16145
Takahashi, K. Revised format delivers all MIM advantages plus quality images 23795
Takahashi, K., Arakawa, F. Recent trends concerning power systems planning issues 24857
Takahashi, K., Bae, J.J., Suda, T. Performance analysis of an FDDI local area network with voice and data traffics 30448
Takahashi, K., Hashimoto, A., Kusui, S. A self calibrating wide band precision multiplier for a watt and a watthour meter 23771
Takahashi, K., Miyahara, J. Development of Imaging Plates (IPs). The two dimensional ionizing radiation detectors 38879
Takahashi, K., Nozaki, S. From intelligent sensors to fuzzy sensors 46346
Takahashi, K., Saito, Y., Hayano, S. The strategic dual image method for the open boundary electromagnetic field problems 3963
Takahashi, K., Sasaki, H., Klonz, M., Endo, T. An accurate AC-Dc voltage transfer standard test system using the differential and the dual-channel method 6285
Takahashi, K., Sasase, I., Mori, S. Estimation of noise level and variable step gain algorithm for improvement of initial convergence characteristics 29727
Takahashi, K., Takeuchi, S., Ohsawa, N. Performance evaluation of ECG compression algorithms by reconstruction error and diagnostic response 31927
Takahashi, K. *see* Alonso, J.C. 33659
Takahashi, K. *see* Ando, K. 9786
Takahashi, K. *see* Hachiya, S. 15128
Takahashi, K. *see* Hasegawa, M. 18540
Takahashi, K. *see* Hayakawa, Y. 33589
Takahashi, K. *see* Horie, H. 48284
Takahashi, K. *see* Inouye, T. 23275
Takahashi, K. *see* Kimura, S. 7393
Takahashi, K. *see* Ming Oi 9581
Takahashi, K. *see* Nozaki, S. 33579
Takahashi, K. *see* Okada, Y. 48234
Takahashi, K. *see* Okazaki, N. 5236
Takahashi, K. *see* Oku, T. 31019
Takahashi, K. *see* O'Riordan, C. 24889
Takahashi, K. *see* Oshima, T. 33626
Takahashi, K. *see* Qi Ming 18172
Takahashi, K. *see* Qi Ming 26441
Takahashi, K. *see* Sasaki, H. 6280
Takahashi, K. *see* Shirahama, M. 18198
Takahashi, K. *see* Shoji, M. 7121
Takahashi, K. *see* Tabuchi, K. 8751
Takahashi, K. *see* Tanaka, K. 7892
Takahashi, K. *see* Terai, M. 26552
Takahashi, K. *see* Tsujino, J. 17633
Takahashi, K. *see* Ueda, T. 1368
Takahashi, M., Katou, Y., Nagata, K., Furuta, S. The composition and conductivity of electrodeposited Bi-Te alloy films 42449
Takahashi, M., Otsuka, J. Study on precision positioning by friction drive. 6. Ultra-precise and fast positioning 16900
Takahashi, M., Watanabe, M., Arai, K., Takahashi, N. Fundamental electromagnetic characteristics of magnetically anisotropic damper-wedges 8275
Takahashi, M. *see* Cho, N. 38707
Takahashi, M. *see* Ida, M. 7122
Takahashi, M. *see* Ide, K. 8313
Takahashi, M. *see* Igaki, M. 43306
Takahashi, M. *see* Ikeda, S. 25354
Takahashi, M. *see* Iwasaki, H. 20258
Takahashi, M. *see* Kuribayashi, K. 7476
Takahashi, M. *see* Kurumada, A. 8259
Takahashi, M. *see* Naito, Y. 21231
Takahashi, M. *see* Naito, Y. 21232
Takahashi, M. *see* Nakagawa, T. 26174
Takahashi, M. *see* Sakamoto, K. 20930
Takahashi, M. *see* Shimatsu, T. 28357
Takahashi, M. *see* Suekane, M. 2789
Takahashi, N. HDTV still-picture disc system 31008
Takahashi, N., Ishiura, N., Yajima, S. Fault simulation for multiple faults by Boolean function manipulation 41851
Takahashi, N., Nakashima, K., Hirai, Y., Sukegawa, O., Kaneko, S. High-aperture-ratio liquid-crystal light valve 23826
Takahashi, N., Nakata, T. Summary of results for problem 13 (3D nonlinear magnetostatic model) 3982
Takahashi, N., Oyamada, S., Tarumoto, Y. Operations scenario execution environment and its evaluation 45451
Takahashi, N., Sugimoto, S., Okada, M., Homma, M. The magnetic properties of Nd-Fe-B melt-spun ribbons with lower Nd content 11456
Takahashi, N., Tanaka, T., Ogura, H. Synthesis of 'narrow-band' random moving image by means of computer 13583
Takahashi, N. *see* Fujisaki, H. 21688
Takahashi, N. *see* Hirata, Y. 27052
Takahashi, N. *see* Hirata, Y. 42070
Takahashi, N. *see* Koharagi, H. 8433
Takahashi, N. *see* Koharagi, H. 25459
Takahashi, N. *see* Kusaka, T. 26966
Takahashi, N. *see* Miyagi, S. 13582
Takahashi, N. *see* Muramatsu, K. 16757
Takahashi, N. *see* Nakata, T. 2790
Takahashi, N. *see* Nakata, T. 2791
Takahashi, N. *see* Ogura, H. 12552
Takahashi, N. *see* Sato, I. 15299
Takahashi, N. *see* Takahashi, M. 8275
Takahashi, N.S., Fujiwara, S., Kohno, K., Shibano, E., Kurita, S. AlGaInP/AlGaAs double heterostructure light emitting diode grown by liquid phase epitaxy 43655
Takahashi, O. *see* Ikoma, M. 40423
Takahashi, O. *see* Ohta, K. 29186
Takahashi, P.K. *see* Phillips, V.D. 39710
Takahashi, R. *see* Manabe, Y. 19690
Takahashi, R. *see* Ong, J.T. 12156
Takahashi, R. *see* Sano, N. 25126
Takahashi, R. *see* Takahashi, H. 26930
Takahashi, S. Accurate instruments address problems of harmonics in power supplies 38420
Takahashi, S. Current status and future prospect of vehicular batteries 48176
Takahashi, S., Hioki, T., Morita, Y., Watanabe, H., Yamada, M., Asano, K. Baseband HDTV videodisc player 38344
Takahashi, S., Honda, T., Yamaguchi, M., Ohyama, N., Iwata, F. Generation of intermediate parallax-images for holographic stereograms 36045
Takahashi, S., Matsuoka, T., Minami, Y., Shikano, K. Speech recognition using phoneme HMMs constrained by frame correlations 44792
Takahashi, S. *see* Araki, N. 7618
Takahashi, S. *see* Chikada, N. 16309
Takahashi, S. *see* Fujiura, K. 818
Takahashi, S. *see* Kashimoto, T. 29654
Takahashi, S. *see* Kitazawa, M. 3046
Takahashi, S. *see* Koguchi, N. 9667
Takahashi, S. *see* Miki, I. 17426
Takahashi, S. *see* Miki, I. 25872
Takahashi, S. *see* Morimoto, E. 1322
Takahashi, S. *see* Ohnishi, O. 25484
Takahashi, S. *see* Otoki, Y. 2568
Takahashi, S. *see* Shiozawa, T. 45566
Takahashi, S. *see* Wada, S. 13298
Takahashi, S.-I. *see* Morimoto, E. 26550
Takahashi, T. Coil shape optimization by the 'virtual eddy current method' and its application to Z gradient field coils of the MRI 7378
Takahashi, T., Chiba, A., Ikeda, K., Fukao, T. A comparison of output power control methods of switched reluctance motors 16811
Takahashi, T., Hidaka, K., Kouno, T. Single optical-waveguide electric-field sensor using Pockels device 38635
Takahashi, T., Imai, T., Aiki, M. Automatic compensation technique for timewise fluctuating polarisation mode dispersion in in-line amplifier systems 38035
Takahashi, T., Kaneda, T., Suginuma, Y. Propagation of the surface streamers on an insulated fine wire 19178
Takahashi, T., Omotani, M., Nakajima, S., Chaki, S. Proposal of broadband network using group virtual paths 22458
Takahashi, T., Schibuya, N., Ito, K. Development of support tools for understanding and tackling noise trouble using case studies 21280
Takahashi, T., Utsunomiya, H., Takayama, Y. Space-saving moving walks 33115
Takahashi, T., Yamanaka, N., Osawa, H., Sagawa, K., Inooka, H. A long-term ambulatory monitoring system for walking behaviors of a human 24153
Takahashi, T. *see* Asano, A. 47530
Takahashi, T. *see* Fujii, T. 692
Takahashi, T. *see* Hanaki, H. 15436
Takahashi, T. *see* Hitachi, A. 7238
Takahashi, T. *see* Hosokawa, K. 31055
Takahashi, T. *see* Itoh, H. 5968
Takahashi, T. *see* Itoh, H. 11743
Takahashi, T. *see* Kawasaki, S. 17348
Takahashi, T. *see* Kitani, I. 11377
Takahashi, T. *see* Koinuma, T. 37661
Takahashi, T. *see* Kurakado, M. 24050
Takahashi, T. *see* Mitsunobu, S. 6996
Takahashi, T. *see* Mizutani, Y. 47087
Takahashi, T. *see* Oda, T. 4008
Takahashi, T. *see* Ogata, T. 17414
Takahashi, T. *see* Sato, M. 37944
Takahashi, T. *see* Tsuji, H. 28422
Takahashi, T. *see* Tsukada, K. 24090
Takahashi, T. *see* Yamauchi, T. 12205
Takahashi, T. *see* Yangawa, H. 38425
Takahashi, Y. Influences on locking behavior of PLL caused by frequency of interfering signal 33940
Takahashi, Y., Hiratsuka, S. Packaging technology for slim tape carrier package 33367
Takahashi, Y., Kiuchi, H., Kurihara, N., Grueff, G., Ambrosini, R. The first geodetic VLBI experiment at 22 GHz between Japan and Italy 30943
Takahashi, Y., Masuda, I. A visual interface for security robots 5433
Takahashi, Y., Muraki, K., Fukatsu, S., Kano, S.S., Shiraki, Y., Ito, R. Fast lateral transport

of excitons in a GaAs/AlGaAs quantum well 19389
Takahashi, Y., Ohnishi, K. Estimation of insulation layer conductance in MNOS structure 19472
Takahashi, Y., Shio, A., Ishii, K. Morphology based thresholding for character extraction 22164
Takahashi, Y., Sugimoto, Y., Imae, M., Kiuchi, H., Kaneko, A., Kurihara, N. Results of the experiments by "PRESTAR"[GPS receiver] 46121
Takahashi, Y., Uehira, K., Okimura, T. A highly realistic video display based on the interleave projection method 23300
Takahashi, Y., Yajima, Y. Magnetization contrast enhancement of recorded magnetic storage media in scanning Lorentz electron microscopy 2806
Takahashi, Y. *see* Ebara, M. 38257
Takahashi, Y. *see* Hattori, T. 31561
Takahashi, Y. *see* Herminghaus, S. 43463
Takahashi, Y. *see* Kasahara, S. 9387
Takahashi, Y. *see* Kasuya, Y. 17857
Takahashi, Y. *see* Kawase, S. 46120
Takahashi, Y. *see* Koizumi, N. 20227
Takahashi, Y. *see* Maeda, E. 13489
Takahashi, Y. *see* Nakahata, H. 28345
Takahashi, Y. *see* Okamura, M. 31560
Takahashi, Y. *see* Okano, H. 18280
Takahashi, Y. *see* Suetsugu, Y. 35418
Takahashi, Y. *see* Tsuji, H. 28422
Takahashi, Y. *see* Yasuda, H. 27871
Takahashi, Y. *see* Yonetsuka, N. 29468
Takahashi, Y. *see* Yoshii, S. 12231
Takahashi, Y. *see* Yoshimoto, M. 22353
Takahashi Suharutono, N. *see* Nakata, T. 3983
Takahasi, M. *see* Kawasaki, S. 44000
Takahasi, S. *see* Yamada, K. 28441
Takahata, F. *see* Enomoto, M. 22776
Takahata, F. *see* Sujikai, H. 22980
Takahata, K. *see* Kawabata, S. 47534
Takahata, K. *see* Yasaka, H. 28997
Takahata, K. *see* Yasaka, H. 45965
Takahei, K. *see* Chang, S.J. 11876
Takahiko Oasa *see* Inada, H. 46567
Takahira, H. *see* Yamamoto, S. 37974
Takahiro, K. *see* Saito, T. 27798
Takai, A. Optical subsystem interconnections 28685
Takai, A., Hanatani, S., Abe, H., Motegi, Y. Error-free subsystem optical interconnection modules using laser arrays and fixed decision level receivers 38118
Takai, A. *see* Aoki, M. 11885
Takai, A. *see* Aoki, M. 14597
Takai, A. *see* Aoki, M. 38120
Takai, A. *see* Kaneko, S. 38096
Takai, A. *see* Oishi, A. 38123
Takai, A. *see* Uomi, K. 20775
Takai, H. BER performance of anti-multipath modulation scheme PSK-VP and its optimum phase-waveform 21501
Takai, H. *see* Takahashi, H. 33729
Takai, K. *see* Miyagaki, S. 9582
Takai, M., Indou, S., Murase, H. Mechanism of in-situ photoluminescence decay in porous silicon and its application to maskless patterning 10954
Takai, M. *see* Ohno, Y. 34080
Takai, M. *see* Sayama, H. 10164
Takai, M. *see* Sayama, H. 26941
Takai, T. *see* Makishi, Y. 31837
Takai, Y. *see* Kimura, Y. 34488
Takai, Y. *see* Yano, Y. 34646
Takaichi, R. *see* Shimizu, H. 30554
Takakado, Y. *see* Inoue, K. 40242
Takaki, H. *see* Sugimoto, S. 7230
Takaku, H. *see* Maru, H. 7516
Takaku, K., Akiyama, Y. Equivalent circuit and space vector diagram based on rotor flux vector of induction motor 47879
Takaku, K. *see* Akiyama, Y. 48173
Takaku, M. *see* Ujihara, K. 20932
Takakura, H., Nakayama, T., Noritake, T. Reduction of vibration of running GIS 25583
Takakura, H. *see* Kaneko, Y. 25585
Takakura, K. 1-chip VLSI performs 13-bit processing in fully digital camera 38265
Takakura, M. *see* Hirose, M. 34709
Takakuwa, C., Morinaga, M., Tohyama, M., Suzuki, N. The high-speed limit of FM response in semiconductor lasers 43918
Takakuwa, H. *see* Kitazawa, H. 11916
Takakuwa, Y. *see* Sekiguchi, T. 16461
Takamasu, K., Uekawa, T., Kawakami, K., Ozono, S., Furutani, R. Profile measurements using multi-gray scale pattern projection 38695
Takamasu, T. *see* Hayden, R.K. 34578
Takamatsu, H., Sumie, S., Nishimoto, Y., Tsunaki, H., Nishine, K., Hara, T. Evaluation of subsurface ion implant damage by photothermal displacement measurement 10874
Takamatsu, Y., Ogawa, T., Takahashi, H. Improved forward test generation of sequential circuits using variable-length time frames 10116
Takami, A., Hochi, H., Miyamae, K., Taniguchi, H., Yahagi, K., Yamashita, H. Expertizing diagnosis system and operation supporting system for boiler plant 8121
Takami, H. *see* Shikatani, M. 6037
Takami, J., Nagai, A., Sagayama, S. Speaker adaptation of the SSS (successive state splitting)-based hidden Markov network for continuous speech recognition 13036
Takami, J., Sagayama, S. Automatic generation of hidden Markov networks by a successive state splitting algorithm 21675
Takami, J. *see* Kosaka, T. 44786
Takami, J. *see* Sagayama, S. 14081
Takami, K., Ohta, T., Terashima, N. A visual programming for telecommunication services 30291
Takami, K. *see* Akiyama, N. 11809
Takami, S. *see* Saito, Y. 2605
Takami, T., Matsuo, T., Ishikawa, M. Current status of electric vehicles in Japan 48191
Takami, T. *see* Saito, S. 45794
Takamine, K. *see* Takizawa, T. 20273
Takamori, A. *see* Ban, Y. 3678
Takamori, M. *see* Toda, K. 35570
Takamori, T., Watanabe, K., Kamijoh, T. Lateral npn junction and semi-insulating GaAs current confinement structure for index-guided InGaAs/AlGaAs lasers by molecular beam epitaxy 12201
Takamori, Y. *see* Barrick, M. 2351
Takamori, Y. *see* Deshpande, V. 19678
Takamoto, M., Utsumi, H., Watanabe, N., Terao, Y. Installation effects on vortex shedding flowmeters 6429
Takamoto, M. *see* Ishibashi, M. 15252
Takamoto, T. *see* Yamaguchi, M. 8757
Takamura, T., Nagashima, M., Mine, T., Tamura, I., Ikezawa, Y. Improved characteristics of the polymer electrodes prepared by the incorporation of active carbon 17245
Takamura, T. *see* Ebana, J. 40407
Takamura, Y. *see* Sugihara, M. 48501
Takanami, I., Inoue, K., Watanabe, T. Reconfigurable fault tolerant binary tree-implementation in two-dimensional arrays and reliability analysis 41987
Takanami, W. *see* Nishikata, S. 16815
Takanashi, K. Third-generation intelligent power modules 41652
Takanashi, K., Oshima, S., Majumdar, G., Tomomatsu, Y. The third-generation IPM 40300
Takanashi, M. *see* Tomomitsu, H. 21682
Takanashi, Y. *see* Fukano, H. 19772
Takano, A. PLL speed control of quick torque controlled induction motor with disturbance compensation 17501
Takano, A., Naito, N., Kawasaki, M., Koinuma, H. Optical detection and dynamics of surface transient processes in plasma CVD of hydrogenated amorphous silicon 41419
Takano, A. *see* Hayashi, G. 35498
Takano, H., Ikezaki, M., Suzuki, S. Threshold voltage biased e-mode TN LCD—optimum optical design for grayscale application 15149
Takano, H. *see* Hatanaka, K. 46259
Takano, H. *see* Izumi, S. 11246
Takano, H. *see* Kawabata, S. 47534
Takano, H. *see* Kuragaki, T. 19425
Takano, H. *see* Minami, H. 2324
Takano, H. *see* Takahashi, J. 8641
Takano, H. *see* Yokota, K. 10805
Takano, H. *see* Yokota, K. 19780
Takano, I. *see* Fukuchi, K. 30851
Takano, J., Makihara, K., Ohmi, T. Chemical oxide passivation for very thin oxide formation 34719
Takano, J. *see* Kikuyama, H. 42699
Takano, J. *see* Kogure, M. 2164
Takano, J. *see* Ohmi, T. 6866
Takano, K. *see* Ogata, T. 17229
Takano, M. *see* Imanishi, N. 48075
Takano, M. *see* Yamamoto, T. 42431
Takano, O. *see* Matsuda, H. 2842
Takano, O. *see* Matsuda, H. 20136
Takano, S. *see* Fujikake, H. 48468
Takano, S. *see* Irisawa, J. 8507
Takano, S. *see* Kitamura, M. 12159
Takano, T. *see* Hanayama, E. 4306
Takano, T. *see* Hanayama, E. 36404
Takano, T. *see* Hara, K. 31683
Takano, T. *see* Kusakabe, C. 25471
Takano, T. *see* Ohishi, Y. 33913
Takano, T. *see* Xiaoduo Chen 25472
Takano, T. *see* Yasuoka, K. 24018
Takano, T. *see* Yonehara, S. 11802
Takano, T. *see* Yoshizawa, J. 7825
Takano, T. *see* Yoshizawa, J. 32271
Takano, T. *see* Yoshizawa, J. 47426
Takano, Y. *see* Nagao, M. 43144
Takao, K. Overview of the theory of adaptive antennas 36416
Takao, Y., Miyazaki, K., Shimizu, Y., Egashira, M. High ammonia sensitive semiconductor gas sensors with double-layer structure and interface electrodes 46535
Takao, Y. *see* Feng-Cang Lin 38739
Takaoka, A., Ura, K. Accuracy of temperature measurement in micro-areas of polycrystalline film with transmission electron microscope 31500
Takaoka, G.H. *see* Fukushima, K. 682
Takaoka, K. *see* Konishi, T. 2096
Takaoka, S. *see* Wakaya, F. 27533
Takaoka, S. *see* Wakaya, F. 28224
Takaoka, S. *see* Yamamoto, T. 27538
Takara, H. *see* Kawanishi, S. 5978
Takara, H. *see* Kawanishi, S. 22991
Takara, H. *see* Kawanishi, S. 30846
Takara, H. *see* Kawanishi, S. 38126
Takara, H. *see* Uchiyama, K. 5981
Takara, T., Yamashiro, T. The spectrum editor system with DSP speech synthesizer 21645
Takara, Y. *see* Ochi, H. 1321
Takasago, M. *see* Suzuki, M. 20428
Takasaki, H. *see* Otani, K. 8966
Takasaki, I. *see* Kuboyama, Y. 42348
Takasaki, K. *see* Ishizaki, A. 25404
Takasaki, K. *see* Miyagaki, S. 9582
Takasaki, K. *see* Ohori, T. 2583
Takasaki, M., Takenaka, K. Dynamics of an HVDC system in the presence of unbalanced AC transmission line faults and a stabilization scheme 7791
Takasaki, Y. Multipled block codes for all-optical transports 4441
Takasawa, Y. *see* Okudera, T. 4540
Takase, A. *see* Kozaki, T. 22732
Takase, A. *see* Shimizu, S. 14592
Takase, F., Matsumura, T., Ueda, Y. Use of permeance-based air-gap flux density analysis in the development of a synchronous generator model 25414
Takase, J. Delay of multi-node queueing system in distributed type communication networks: the case of approximate Poisson arrival 13875
Takase, T. *see* Urayama, M. 27409
Takaseki, M. *see* Taniguchi, T. 16463
Takashahi, K. *see* Shirakashi, J. 41332
Takashi, A. *see* Nakayama, J. 20431
Takashi, T. *see* Tanaka, S. 27006
Takashiba, H. *see* Ishida, A. 20904
Takashiba, H. *see* Mohammadnejad, S. 3636
Takashima, D. *see* Hasegawa, T. 26920
Takashima, D. *see* Hasegawa, T. 26952
Takashima, K. *see* Nomura, E. 40067
Takashima, M. *see* Kimura, T. 15063
Takashima, M. *see* Ogihara, T. 18324
Takashima, M. *see* Ogihara, T. 48058
Takashima, R. *see* Ohsugi, T. 46838
Takashima, R. *see* Ohsugi, T. 46839
Takashima, T., Tanaka, T., Doi, T., Kamoshida, J., Tani, T., Horigome, T. New proposal for photovoltaic-thermal solar energy utilization method 48112
Takashima, T. *see* Koyanagi, T. 38971
Takashima, T. *see* Sakuta, T. 9810
Takashima, T. *see* Sakuta, T. 17110
Takashima, T. *see* Tazaki, S. 29455
Takashina, H. *see* Sugano, M. 30460
Takasu, M. *see* Ozawa, M. 42548
Takasu, N., Miyawaki, F., Saitou, S., Fujiwara, Y. DC excitation of transformer cores due to geomagnetically-induced currents 16913
Takasu, N. *see* Yorozuya, T. 40275
Takasugi, A., Awai, I., Hano, M., Kitoh, R. A surface-mountable ceramic 3-dB directional coupler 19010
Takasugi, H., Tomita, N., Nakano, J., Atobe, N. Design of a 1.65-μm-band optical time-domain reflectometer 46651
Takasugi, K. *see* Sasaki, K. 26924
Takasugi, K. *see* Sasaki, K. 34048
Takata, H. *see* Koyanagi, M. 1224
Takata, J. *see* Kimura, H. 34114
Takata, K. Tunneling acoustic microscopy 16029
Takata, K. JLC R&D status 46777
Takata, K. *see* Fujikake, H. 48468
Takata, K. *see* Sato, I. 15299
Takata, K. *see* Suetake, M. 6993
Takata, M. *see* Kawai, A. 27886
Takata, M. *see* Kawai, A. 27887
Takata, S. *see* Sato, H. 9658
Takata, S. *see* Sato, H. 9768
Takata, S. *see* Sato, H. 33726
Takata, T., Ujita, S., Kasami, T., Lin, S. Multistage decoding of multilevel block M-PSK modulation codes and its performance analysis 21611
Takata, T. *see* Kasami, T. 21596
Takato, N. *see* Katsuyama, Y. 45957
Takato, N. *see* Oguchi, T. 5870
Takats, P., Keelty, M., Moody, H. A system architecture for an advanced Canadian wideband mobile satellite system 37740
Takatsu, H. *see* De Baets, J. 31371
Takatsu, M. *see* Imamura, K. 42866
Takatsu, N. *see* Kitamura, Y. 6216
Takatsuka, K. *see* Hama, H. 25042
Takaya, K. Chemical shift MR imaging using oscillating gradient fields—an approach by the short-time Fourier transform 15832
Takaya, K., Sarty, G., Li, X. Multiresolution 2-dimensional edge analysis using wavelets 29917
Takaya, K. *see* Chu, C. 31826
Takaya, Y. *see* Miyoshi, T. 38689
Takayama, J., Jinno, K., Furugen, K., Horikoshi, H. Cross-connect system for flexible deployment of optical access systems 38015
Takayama, J. *see* Ikeuchi, T. 45641
Takayama, K. Phase drift in a multistage klystron-like free-electron laser 3689
Takayama, K., Kishiro, J., Ozaki, T., Ebihara, K., Hiramatsu, S., Katoh, H. Microwave transport

in the ion-channel guided free-electron laser 43696
Takayama, K. *see* Kaneko, S. 38096
Takayama, K. *see* Nanbu, Y. 12553
Takayama, N. *see* Kameyama, S. 1722
Takayama, R., Tomita, Y., Fujii, S., Okano, M., Yamamoto, Y., Hirao, T., Kamata, T., Komaki, K., Aoki, M., Okura, T., Deguchi, T., Nakayama, T., Chinomi, T., Mukai, Y., Akamine, I., Shimizu, M., Goto, K., Naka, M., Imai, T. Pyroelectric infrared image sensor 6598
Takayama, R. *see* Fujii, E. 9753
Takayama, S. *see* Handa, T. 20254
Takayama, S. *see* Kazama, M. 24518
Takayama, T. *see* Imafuji, O. 12180
Takayama, Y., Okamoto, A., Mishima, T. Reflectivity of self-pumped phase conjugator with reflection grating 36013
Takayama, Y. *see* Takahashi, T. 33115
Takayanagi, F. *see* Yamamoto, O. 48177
Takayanagi, H. *see* Nakano, H. 2913
Takayanagi, I. *see* Nomoto, T. 31319
Takayanagi, J. *see* Huang, W. 14660
Takayanagi, K., Yamaguchi, H., Koura, M., Mochizuki, K., Kanazawa, K. Large-capacity, high-voltage IGBT modules 34946
Takayanagi, K. *see* Kamiya, K. 23331
Takayanagi, N. *see* Hashimoto, O. 12781
Takayanagi, N. *see* Ishikawa, M. 28549
Takayanagi, Y. *see* Yamaguchi, F. 14824
Takazawa, A., Tamura, T., Yamada, M. Porous β-SiC fabrication by electrochemical anodization 2098
Takazawa, A. *see* Yamada, M. 19571
Takazawa, H. *see* Mizokami, T. 38232
Takebayashi, K. *see* Ziqiang Zhu 41355
Takebayashi, Y. Natural language processing in speech understanding and dialogue 21684
Takebe, R. *see* Hirata, Y. 27052
Takebe, S. *see* Ishikawa, M. 25367
Takebe, T. *see* Hirata, Y. 42070
Takebe, T. *see* Inai, M. 9618
Takebe, T. *see* Lovell, D.R. 10750
Takebe, T. *see* Yamamoto, T. 10686
Takechi, H. *see* Sanada, M. 16897
Takechi, K. *see* Nishida, S. 34997
Takechi, K. *see* Uchida, H. 19859
Takechi, M. *see* Katoh, H. 46181
Takeda, A., Wada, T. U-shaped diffusion profiles of Zn atoms in GaAs by electron beam doping 42636
Takeda, E., Nishino, T., Takagi, K. Washer size and shape dependencies of current steps due to standing waves in superconducting quantum interference devices (SQUIDs) 11527
Takeda, E. *see* Hamada, A. 28134
Takeda, E. *see* Hamada, A. 42943
Takeda, E. *see* Matsuoka, H. 2549
Takeda, E. *see* Matsuoka, H. 28130
Takeda, E. *see* Scheckler, E.W. 27862
Takeda, E. *see* Seya, E. 31426
Takeda, H. Image component labeling from MR codes 36526
Takeda, H. *see* Okada, T. 41914
Takeda, I. *see* Tamura, J. 16806
Takeda, I. *see* Tamura, J. 40136
Takeda, J., Uramoto, S.-I., Yoshimoto, M. A method for estimating the mean-squared error of distributed arithmetic 36780
Takeda, K., Kuroiwa, S., Inoue, N., Yamamoto, S. Continuous speech recognition for a voice activated telephone exchange system 5654
Takeda, K., Naritsuka, Y., Harada, M. High density module with small packaged LSIs for mainframe computers 349
Takeda, K. *see* Inoue, N. 44799
Takeda, K. *see* Mori, H. 16183
Takeda, K. *see* Mori, H. 24734
Takeda, M., Kishigami, T. Energy function of complex neural fields generated by optical gain and feedback 11738
Takeda, M. *see* Hasegawa, T. 7789
Takeda, M. *see* Hata, K. 42378
Takeda, M. *see* Mochinaga, Y. 17523
Takeda, M. *see* Sennenbara, N. 34938
Takeda, M. *see* Seno, K. 26923
Takeda, M. *see* Seno, K. 34047
Takeda, N., Uesaka, M., Miya, K. Numerical analyses of experiment on magneto-mechanical coupling between high-T_c superconductor and permanent magnet 11516
Takeda, O., Satoh, K., Tanabe, Y., Kawazu, S., Yamaguchi, M., Okamura, M., Hattori, T., Oguri, Y., Tokuda, N. Design study on an 80 MHz RFQ linac for heavy ions 15522
Takeda, O. *see* Oguri, Y. 31559
Takeda, O. *see* Okamura, M. 31560
Takeda, S. Review of linear colliders 15284
Takeda, S., Ichikawa, A. Analysis of prominence in spoken Japanese sentences and application to text-to-speech synthesis 44777
Takeda, S., Tsukamoto, K., Morinaga, N. A proposal of polarization modulation/optical self-homodyne detection system 14649
Takeda, S. *see* Nakao, Y. 11336
Takeda, S. *see* Okuda, S. 46716
Takeda, S. *see* Yamaguchi, Y. 5894
Takeda, T., Nakamachi, T. Emergency luminaries with 'Luxent' sign panels 8980
Takeda, T. *see* Hasimoto, C. 252
Takeda, T. *see* Ohki, Y. 35164
Takeda, T. *see* Umetani, K. 7385
Takeda, T. *see* Yamazaki, H. 8978
Takeda, T. *see* Zushi, T. 2979
Takeda, Y., Sanada, M., Morimoto, S., Hirasa, T., Taniguchi, K. Cylindrical linear pulse motor with interior permanent magnet mover 40257
Takeda, Y. *see* Furukawa, H. 37823
Takeda, Y. *see* Imanishi, N. 40425
Takeda, Y. *see* Imanishi, N. 48075
Takeda, Y. *see* Morimoto, S. 17451
Takeda, Y. *see* Morimoto, S. 25877
Takeda, Y. *see* Morimoto, S. 47851
Takeda, Y. *see* Sanada, M. 8795
Takeda, Y. *see* Sanada, M. 16897
Takeda, Y. *see* Sanada, M. 25478
Takeda, Y. *see* Taniguchi, K. 40193
Takeda, Y. *see* Yamamoto, O. 17268
Takeda, Y. *see* Yamamoto, T. 42431
Takedomi, S., Oda, K., Umehara, T., Shimoe, O., Araki, H., Tokunaga, M. Development of high acceleration linear motor with precise positioning accuracy 25467
Takefuji, Y. *see* Funabiki, N. 30457
Takefuji, Y. *see* Munakata, T. 41114
Takefuji, Y. *see* Suzuki, K. 9912
Takegaki, S. Hard real time application systems 45532
Takegami, Y. *see* Sakamoto, T. 14949
Takegawa, Y. *see* Kotaki, H. 42763
Takehara, H. *see* Maeda, M. 37730
Takehara, K. A SAW-based spread spectrum wireless LAN system 5482
Takehara, Z. *see* Ogawa, T. 17358
Takehara, Z.-I. *see* Kanamura, K. 48063
Takehara, Z.-I. *see* Yasuda, K. 48073
Takehiro, S. *see* Shingubara, S. 2240
Takehisa, K., Yano, M., Kuwabara, K. Performance of a flash-lamp-pumped Nd:YAG laser with short-wavelength-cut tubes 35707
Takei, H., Shimizu, N. Nonlinear optical properties of a bacteriorhodopsin film in a Fabry-Perot cavity 36020
Takei, H. *see* Torii, Y. 35254
Takei, K. *see* Rogers, D.J. 35219
Takei, M. *see* Mishima, Y. 19534
Takei, M. *see* Mishima, Y. 34973
Takei, Y. *see* Negishi, H. 6555
Takeichi, H. *see* Kodama, H. 39015
Takeici, H. *see* Fujiyama, Y. 45690
Takeiri, Y. *see* Ando, A. 38832
Takeishi, H. *see* Yoshii, S. 12231
Takekoshi, T. *see* Bendler, J.T. 17146
Takemasa, E. *see* Saito, T. 22014
Takemori, D. *see* Isono, H. 46214
Takemori, S. *see* Seki, H. 35938
Takemoto, A. *see* Kawano, M. 30825
Takemoto, A. *see* Sakamoto, K. 27870
Takemoto, A. *see* Sakamoto, K. 27912
Takemoto, A. *see* Sugimoto, H. 19554
Takemoto, I. *see* Izawa, T. 23722
Takemoto, K. *see* Sato, M. 15160
Takemoto, M. *see* Suzuki, H. 41515
Takemoto, S. *see* Hirabayashi, J. 39352
Takemura, H. *see* Ishibuchi, K. 4959
Takemura, H. *see* Kitahata, H. 10508
Takemura, H. *see* Yamashita, M. 40408
Takenaka, H. *see* Kinoshita, H. 27833
Takenaka, K. *see* Kimura, N. 16242
Takenaka, K. *see* Takasaki, M. 7791
Takenaka, M. *see* Kamakura, Y. 42398
Takenaka, N., Yamane, S., Fujihara, K., Ishino, M., Miyawaki, T., Tanabe, M., Fujito, K., Matsui, Y. 1.3 μm MQW-DFB laser diode module for 80-channel 20 km AM-FDM TV signal optical transmission system 6240
Takenaka, N. *see* Furusawa, S. 6090
Takenaka, T. *see* Fukushima, T. 6502
Takenaka, T. *see* Furukawa, H. 37823
Takenaka, T. *see* Harada, H. 4074
Takenaka, T. *see* Sugizaki, G. 14977
Takenaka, T. *see* Suzuki, K. 1615
Takenaka, Y., Nishimae, J., Kuzumoto, M., Yoshizawa, K. Novel stable resonator for large-volume TEM_{00} mode operation 12276
Takenouti, H. *see* Sapoval, B. 25628
Takeo, M. *see* Komori, M. 11510
Takeo, T., Hattori, H. Turbidity measurement with a fiber-optic refractive-index sensor 6534
Takeoka, A. *see* Tanaka, K. 17616
Takeoka, A. *see* Tanaka, K. 17617
Takesai, K., Nakamura, H. Automatic train protection system depending on data oriented control method 48378
Takeshima, H. *see* Kubo, M. 20269
Takeshima, T. *see* Sugibayashi, T. 26919
Takeshima, T. *see* Sugibayashi, T. 26954
Takeshita, F. *see* Okazaki, T. 20312
Takeshita, H. *see* Yamaguchi, H. 24189
Takeshita, S. *see* Sasaki, M. 7612
Takeshita, T., Ikeda, M. High relaxation oscillation frequency operation of a QW-LD at the second quantized level 43906
Takeshita, T., Matsui, N. Single-phase high power factor PWM converter without source phase angle and voltage detectors 25529
Takeshita, T., Matsui, N. Phasor-based instantaneous current control of single-phase PWM AC/DC converter 25540
Takeshita, T., Nakayama, R. Development of HDDR process and anisotropic Nd-Fe-B bonded magnets 35214
Takeshita, T., Toyama, K., Matsui, N. An approach to reduction of DC voltage ripple for single-phase PWM converter 25539
Takeshita, T. *see* Gastli, A. 16847
Takeshita, T. *see* Gastli, A. 40526
Takeshita, T. *see* Yoshida, T. 25976
Takeshita, Y. *see* Ichimura, I. 20423
Takesue, F. *see* Sakai, T. 17311
Takesue, H. *see* Ishizaki, C. 19228
Taketani, H. *see* Kim, E.-K. 21669
Taketani, Y. *see* Sugihara, O. 20997
Taketomi, K., Miyazaki, Y. Statistical property and signal processing of received wave of subsurface radar 23148
Taketoshi, K. *see* Tanaka, K. 11321
Takeuchi, A. *see* Hamamoto, Y. 38301
Takeuchi, E.S. *see* Post, C.J. 17248
Takeuchi, H., Gotoh, S., Hamamoto, K., Mitani, M. Lighting system to control color temperature using RGB fluorescent lamps 48453
Takeuchi, H. *see* Koga, K. 27895
Takeuchi, H. *see* Morimoto, E. 1322
Takeuchi, H. *see* Oizumi, T. 25961
Takeuchi, H. *see* Saitoh, Y. 7254
Takeuchi, H. *see* Saitoh, Y. 46854
Takeuchi, H. *see* Sakuta, Y. 43223
Takeuchi, H. *see* Yoshimoto, N. 43533
Takeuchi, K., Chujo, W., Fujise, M. A slot coupled microstrip antenna with a thick ground plane 29381
Takeuchi, K., Kasahara, Y. High-speed optical sampling measurement of electrical wave form using a scanning tunnelling microscope 38670
Takeuchi, K., Shibata, K., Tanaka, T., Kuroki, K., Nakano, S., Kuwano, Y. Modulation-type pyroelectric infrared detector and its application 46425
Takeuchi, K. *see* Hattori, T. 31561
Takeuchi, K. *see* Nakatani, Y. 40574
Takeuchi, K. *see* Watanabe, T. 31965
Takeuchi, M., Kajiwara, A., Nakagawa, M. A delay lock loop for mobile communications in the presence of multipath fading 5793
Takeuchi, M., Migitaka, M. Silicon integrated injection logic operating up to 454°C 26906
Takeuchi, M., Nakazawa, M., Matsuzaka, H., Moriizumi, T., Niiyama, H. Reliable frequency-temperature characteristics of the new quartz-crystal resonators vibrating in thickness-shear modes 43224
Takeuchi, M., Yamanouchi, K. Coupled model analysis of SAW floating electrode type unidirectional transducers 24546
Takeuchi, M., Yamanouchi, K., Murata, K., Doi, K. Floating-electrode-type SAW unidirectional transducers using leaky surface waves and their application to low-loss filters 43238
Takeuchi, M. *see* Fujita, K. 39716
Takeuchi, M. *see* Hatori, M. 3242
Takeuchi, M. *see* Iwase, Y. 48105
Takeuchi, M. *see* Kishimoto, W. 13925
Takeuchi, M. *see* Kishimoto, W. 44642
Takeuchi, M. *see* Nakazawa, M. 23518
Takeuchi, M. *see* Ohmori, S. 37949
Takeuchi, M. *see* Sato, M. 37944
Takeuchi, M. *see* Suzuki, Y. 43237
Takeuchi, M. *see* Tsujino, J. 16902
Takeuchi, M. *see* Tsutsumi, Y. 25674
Takeuchi, M. *see* Yamanouchi, K. 2760
Takeuchi, N. *see* Ueno, T. 46101
Takeuchi, O. *see* Maruyama, Y. 1285
Takeuchi, R. Computer graphics applied to electric power apparatus 16115
Takeuchi, S., Kobayashi, T. Broadband near-infrared pulse generation in $KTiOPO_4$ 44059
Takeuchi, S., Kusunoki, A., Matsubara, H., Kikuoka, Y., Ohtsuki, J., Satomi, T., Shinozaki, K. A 25 kW class SOFC generation system verification test 16741
Takeuchi, S., Sugihara, R., Shimoda, K. Electron acceleration by longitudinal electric field of a Gaussian laser beam 46791
Takeuchi, S. *see* Okumura, K. 17354
Takeuchi, S. *see* Shirai, G. 39548
Takeuchi, S. *see* Takahashi, K. 31927
Takeuchi, T. A feasibility study on a simple stored channel simulator for urban mobile radio environments 22868
Takeuchi, T., Ogura, K., Taira, K., Kitagawa, S., Nagai, Y. Fundamental study of a pop-up float for ocean measurements by using an electrochemical engine 16011
Takeuchi, T. *see* Ishiji, T. 38738
Takeuchi, T. *see* Nagano, N. 34273
Takeuchi, T. *see* Usami, A. 10765
Takeuchi, Y., Horiguchi, M. 'Microheater control of wavelength-flattened fiber coupler properties 43426
Takeuchi, Y., Huang, Z.C., Saeki, M., Kunieda, H. RHINE: reconfigurable multiprocessor system for video CODEC 5634
Takeuchi, Y., Kawai, H., Nakajima, M. Reading light supply to spatial light modulator with fiber plate 11731
Takeuchi, Y., Mori, S., Kanamoto, T., Suzuki, T., Makino, T., Tsutaki, K. 35 GHz, 5 kW pulse traveling wave tube 19312

Takeuchi, Y., Takigawa, Y., Uematsu, H., Ebata, S., Shaug, J.C., Shiralkar, B.S. TRACG transient analysis code-three-dimensional kinetics model implementation and applicability for space-dependent analysis 32590
Takeuchi, Y. *see* Ando, K. 9786
Takeuchi, Y. *see* Cho, W. 19319
Takeuchi, Y. *see* Isagawa, S. 10619
Takeuchi, Y. *see* Isshiki, T. 13544
Takeuchi, Y. *see* Taguchi, T. 18155
Takeuchi, Y. *see* Yatsuda, H. 2761
Takewa, H. *see* Okada, T. 41914
Takewaki, H. *see* Matsumoto, K. 20169
Takeya, N. *see* Yamauchi, M. 15811
Takeya, S., Shinonaga, M., Sasaki, Y., Miyauchi, H., Matsumura, M., Morooka, T. Application of DBF technique to radar systems 46078
Takeya, S. *see* Wada, T. 46079
Takeyama, K. *see* Inami, S. 2860
Takeyama, Y. *see* Itoh, H. 46487
Takeyasu, N., Kawano, Y., Kondoh, E., Katagiri, T., Yamamoto, H., Shinriki, H., Ohta, T. Characterization of direct-contact via plug formed by using selective aluminum chemical vapor deposition 42758
Takeyasu, N. *see* Kaizuka, T. 42762
Takeyasu, N. *see* Katagiri, T. 2218
Taki, K. *see* Matsuda, R. 43558
Taki, T. *see* Hirabayashi, O. 16217
Takigami, Y. *see* Azuma, T. 27889
Takigawa, H. *see* Maruyama, K. 18199
Takigawa, H. *see* Murakami, S. 2090
Takigawa, K. *see* Okamoto, Y. 2814
Takigawa, K. *see* Okamoto, Y. 20160
Takigawa, K. *see* Okamoto, Y. 21858
Takigawa, T. *see* Hattori, K. 27910
Takigawa, Y. *see* Takeuchi, Y. 32590
Takiguchi, D. *see* Hirai, H. 22150
Takiguchi, H. *see* Inoguchi, K. 43865
Takiguchi, K., Hotate, K. Reduction of a polarization-fluctuation-induced error in an optical passive ring-resonator gyro by using a single-polarization optical fiber 46466
Takiguchi, K., Okamoto, K., Suzuki, S., Ohmori, Y. Planar lightwave circuit optical dispersion equalizer 35475
Takiguchi, K., Okamoto, K., Suzuki, S., Ohmori, Y. Planar lightwave circuit optical dispersion equalizer 38079
Takiguchi, K. *see* Tsujino, J. 17633
Takiguchi, O. *see* Yamashita, A. 35045
Takiguchi, T. *see* Kawano, M. 30825
Takikawa, H., Jikumaru, A., Sakakibara, T. Calculation and measurement of total radiated power of thermally decomposed polyethylene vapor 15231
Takikawa, H., Sakakibara, T., Miyashita, M., Kito, Y., Sakuta, T. Measurement of the radial temperature distribution in the central part of an arc burning through a polyethylene tube 8675
Takikawa, K. *see* Hara, K. 31683
Takikawa, K. *see* Yasuoka, K. 24018
Takikawa, M. *see* Asai, S. 27846
Takikawa, M. *see* Joshin, K. 19918
Takimoto, A. Power system dynamic equivalence based on a new model reduction technique 16226
Takimoto, A. *see* Akiyama, K. 20501
Takimoto, A. *see* Kuratomi, Y. 3251
Takimoto, A. *see* Kuratomi, Y. 11778
Takimoto, M. *see* Tanaka, T. 3671
Takimoto, Y., Ihara, T. Research activities on millimeter wave indoor communication systems in Japan 5732
Takinami, N., Chino, T., Yoshida, S., Miura, I., Watanabe, K., Amano, K. Development of the cable fault location method using the fiber optic distributed temperature sensor 16318
Takine, T., Suda, T., Hasegawa, T. Cell loss and output process analyses of a finite-buffer discrete-time ATM queueing system with correlated arrivals 5169
Takine, T. *see* Kasahara, S. 9387
Takine, T. *see* Yoshimoto, M. 22353
Takishima, Y., Wada, M. Coding control schemes for store-and-forward video codecs 46207
Takishima, Y., Wada, M., Murakami, H. Designs of variable bit length codes for digital video transmission 6196
Takishima, Y., Wada, M., Murakami, H. An analysis of optimal frame rate in low bit rate video coding 22272
Takishima, Y. *see* Yamazaki, K. 5588
Takita, H. Trends in CRT displays emphasize ease of use, environment issues 23798
Takita, Y. *see* Ishihara, T. 17331
Takita, Y. *see* Matsuda, H. 17260
Takiuchi, Y. *see* Sasaki, H. 16637
Takiyasu, Y., Amada, E., Hatakeyama, Y. High-Speed LAN architecture based on B-ISDN technology 30432
Takizawa, F., Ohshita, H. Design development and technical trends in residential lighting 8977
Takizawa, H. *see* Enari, M. 38293
Takizawa, K., Kikuchi, H., Fujikake, H., Kodama, K., Kishi, K. Spatial light modulator using polymer-dispersed liquid crystal: dependence of resolution on reading light intensity 43552
Takizawa, K., Kikuchi, H., Fujikake, H., Namikawa, Y., Tada, K. Polymer-dispersed liquid crystal light valves for projection display 3217
Takizawa, K. *see* Fujikake, H. 48468
Takizawa, K. *see* Ojima, K. 33114
Takizawa, M., Nakamura, A. Broadcast communication algorithms 37113
Takizawa, M. *see* Kokubun, Y. 35552
Takizawa, M. *see* Kokubun, Y. 45963
Takizawa, M. *see* Nakamura, A. 13902
Takizawa, O. Characteristics of some sorts of connotations in spoken language 44801
Takizawa, S. *see* Mori, K. 18566
Takizawa, S. *see* Nakayama, T. 8653
Takizawa, S. *see* Seung Hak Yang 8355
Takizawa, T., Shinoda, M., Wakabayashi, K., Takamine, K., Ikawa, Y., Gotoh, Y., Satoh, I. High-speed access mechanism for 90 mm 1-inch-high optical disk drive 20273
Takizawa, T. *see* Hirai, M. 36125
Takizawa, Y., Oda, K., Fukasawa, A. Characteristic analysis of phonemes 13123
Takizawa, Y., Tsuboka, E. Syllable duration prediction for speaker-independent continuous speech recognition 44794
Takla, M., Dehkordi, P., Clonts, L., Bouldin, D. Pre-design consideration and evaluation for ASICs 18568
Takla, M.B., Bouldin, D.W., Koch, D.B. Early exploration of the multi-dimensional VLSI design space 41585
Taksar, M.I. *see* Kella, O. 41050
Takubo, K. *see* Yoshimoto, M. 27598
Takuma, H. *see* Nishioka, H. 3461
Takuma, N., Deguchi, K., Morishita, I. Image figure segmentation using morphological skeleton 29809
Takuma, T. Current topics in high voltage engineering 21163
Takuma, T., Honda, C., Akashi, T. Electric field calculation of electrode corners using charge simulation method with arc charges 10612
Takuma, T., Kawamoto, T., Sumiyoshitani, S., Akazaki, M. Effects of an insulating support in AC electric field measurement 31372
Takuma, T. *see* Yashima, M. 40357
Takumi, K. *see* Akiyama, M. 47649
Takura, A. *see* Shibata, K. 21482
Takura, H. *see* Murakami, A. 33736
Takushima, Y., Kikuchi, K. Photonic switching using spread spectrum technique 45937
Takvorian, A. *see* Goldschmidt, O. 33489
Takwale, M.G. *see* Rozati, S.M. 872
Takwale, M.G. *see* Rozati, S.M. 33678
Talaat, M.E. Non-equilibrium ionization of cesium-seeded noble gases using a three-energy level and one or more electron group models 25795
Talaga, R.L. *see* Wang, M.-Z. 31689
Talajic, M. *see* Countemanche, M. 24298
Talala, P. *see* Lehtio, A. 8027
Talalakin, G.N. *see* Aydaraliev, M. 3614
Talalla, A. *see* Kamath, M.V. 39099
Talaq, J.H., El-Hawary, F., El-Hawary, M.E. Minimum emissions power flow: the time interval approach 32284
Talarico, F.W.B. *see* Neuenschwander, R.T. 15533
Talasek, T. Chemical cleanrooms vital for accurate analysis of process reagents 26172
Talavera, L. *see* Casanova, P. 26815
Talbot, C. *see* Kratzer, D. 35041
Talbot, H. *see* Gratin, C. 36844
Talbot, P. *see* Wang Song, Q. 35533
Talbot, P.J. *see* Song, Q.W. 20998
Talbot, P.J. *see* Wang Song, Q. 43547
Talin, A.A., Williams, R.S., Kavanagh, K.L. Beem investigation of oxide and sulfide passivated GaAs 11141
Talisa, S.H. *see* Piatnicia, A.Y. 4288
Talja, H. *see* Torronen, K. 16500
Talke, F.E. *see* Ganapathi, S.K. 2812
Talke, F.E. *see* Vlcek, B.L. 20149
Talke, F.E. *see* Yang, M. 20148
Talkhan, E.A. Simulation results of a modified MOST structure 11221
Tallarida, G. *see* Pecora, A. 34967
Tallarida, G. *see* Quinn, M. 34969
Tallents, G.J. *see* Cairns, G. 35648
Talley, T. *see* Jeffay, K. 13960
Tallieu, F. *see* Verboven, F. 14224
Tallon-Bosc, I. *see* Mourard, D. 46313
Talluri, R., Aggarwal, J.K. Autonomous navigation in cluttered outdoor environments using geometric visibility constraints 36919
Talmage, G. *see* Kalkan, A.K. 32877
Talman, R. *see* Bourianoff, G. 38776
Talman, R. *see* Tsyganov, E. 46801
Talmi, M. *see* Hofker, U. 34091
Talpo, G. *see* Segur, P. 46925
Talukdar, S., Ramesh, V.C. A cooperative approach to contingency constrained operations 24767
Talukdar, S., Ramesh, V.C. Cooperative methods for security-planning 32352
Talukdar, S.N. *see* Chung-Lung Chen 32498
Talvacchio, J. *see* Piatnicia, A.Y. 4288
Talvitie, M. *see* Kahkonen, O.-P. 43319
Talwar, S. *see* Kramer, K.-J. 1882
Tam, C.W. *see* Yarden, A.L. 32576
Tam, G. *see* Loechelt, G.H. 19515
Tam, G. *see* Theodore, N.D. 34790
Tam, K.-S. *see* Chaudhary, A.K.S. 25514
Tam, N. *see* Troccolo, P. 2289
Tam, N.N. *see* Scheckler, E.W. 19689
Tam, P.K.S. *see* Leung, F.H.F. 16944
Tam, W.J., Stelmach, L.B., Hearty, P.J. Temporal frequency discrimination of moving stimuli 22078
Tam, W.K., Siu, K.W., Lee, Y.S. A computer-aided design environment for switch-mode power supplies 16953
Tam, W.Y. *see* Lo, K.W. 12773
Tam-Anh Chu Synthesis of hazard-free control circuits from asynchronous finite state machines specifications 41600
Tamada, H. *see* Yamada, A. 663
Tamada, K. *see* Yamada, H. 43142
Tamada, M. *see* Yoshida, M. 7267
Tamada, N., Fuchino, S., Natori, N., Ishii, I., Okano, M. Optical measurement of transient phenomenon of liquid helium boiling under very high centrifugal operation 15249
Tamagawa, C.Ye.T. *see* Baude, P.F. 11634
Tamagawa, N. *see* Saka, Y. 38342
Tamagawa, T., Shintani, T., Ueba, H., Tatsuyama, C., Nakagawa, K., Miyao, M. Structural characterization of Si/Ge superlattices grown on an Si(001) surface by molecular beam epitaxy 27561
Tamagawa, T. *see* Hsueh, C.-C. 35135
Tamagawa, T. *see* Imada, G. 20637
Tamagawa, T. *see* Polla, D.L. 11410
Tamagawa, T. *see* Ye, C. 11447
Tamai, K. *see* Koden, M. 11701
Tamai, M., Yamamoto, T., Sakurai, H. New ultrasonic flowmeter TIME DELTA series 15244
Tamai, M. *see* Yasuhara, T. 14926
Tamai, S., Koyama, M., Fujii, T., Mizoguchi, S., Kawabata, T. 3 level GTO converter-inverter pair system for large capacity induction motor drive 8570
Tamai, S. *see* Kawabata, T. 16949
Tamai, T. Formation of SiO_2 on contact surface and its effect on contact reliability 1673
Tamai, T. *see* Kobayashi, K. 15682
Tamain, B. *see* He Zhiyong 46884
Tamaishi, Z.-i. *see* Matsuki, J. 40118
Tamakawa, Y. *see* Kimura, S. 7393
Tamaki, E., Tominaga, M., Maruoka, T., Nakatsuka, S., Sakuma, T. A three-phase 500 kV 300 MVA split-transport-type transformer for the Okutataragi substation of the Kansai Electric Power Co., Inc. 25497
Tamaki, J. *see* Anno, Y. 46529
Tamaki, K., Okura, K. Automobiles 25924
Tamaki, S. *see* Iwakuro, H. 19433
Tamaki, T. *see* Eriguchi, K. 27721
Tamaki, T. *see* Matsumoto, T. 20484
Tamaki, Y., Isono, Y., Goto, S. MT-type fiber selector for optical fiber monitoring system 5879
Tamaki, Y. *see* Kiyota, Y. 34669
Tamamoto, H. *see* Yokoyama, H. 10185
Tamamoto, H. *see* Yokoyama, H. 20015
Tamamura, T. *see* Ishii, M. 3129
Tamamura, T. *see* Nishida, T. 665
Tamamura, T. *see* Notomi, M. 28835
Tamamura, T. *see* Tohmori, Y. 12169
Tamamushi, S. *see* Inoue, S. 2346
Tamanaha, C., Mendelson, Y., Peura, R.A., Li, J., Downer, N.W., Smith, H.G. Humidity and cation dependency of purple membrane based biosensors 38951
Tamanuki, T. *see* Kaneko, Y. 20762
Tamargo, M.C. *see* Padmapani, N.C. 2087
Tamargo, M.C. *see* Yeganeh, M.S. 19370
Tamaru, K. The trend of functional memory development 18726
Tamaru, K. *see* Islam, F.F. 1180
Tamaru, K. *see* Islam, F.F. 22271
Tamaru, K. *see* Morie, T. 26576
Tamaru, K. *see* Nozawa, H. 1965
Tamaru, K. *see* Onodera, H. 41549
Tamaru, N. Mechanical characteristics of air bearings for supporting a flexible optical disk 20241
Tamaru, N., Makihara, M., Inagaki, S., Naagayama, A., Sasakura, K. Supply and removal characteristics of oil in optical waveguide for automated optical main-distributing-frame system 45733
Tamaru, T. *see* Saito, T. 42770
Tamaru, Y. *see* Mori, H. 16151
Tamaru, Y. *see* Mori, H. 25076
Tamba, N., Akimoto, K., Ohhayashi, M., Hiramoto, T., Kokubu, T., Ohmori, S., Muraya, T., Kishimoto, A., Tsuji, S., Hayashi, H., Handa, H., Igarashi, T., Fujiwara, T., Watanabe, K., Uchida, A., Odaka, M., Nambu, H., Yamaguchi, K., Ikeda, T. A 1.5 ns 256 kb BiCMOS SRAM with 11 k 60 ps logic gates 34046
Tamba, N. *see* Ohhata, K. 10171
Tamba, N. *see* Ohhata, K. 18731
Tambe, S. *see* Cosandey, R. 33162

Tambouratzis, T. Node compression in simulated annealing networks: an investigation with a scene analysis benchmark 36936
Tambovtsev, A.V. Frequency distortions of signals in a correlation receiver 36685
Tamburelli, F. *see* Ambrosini, G. 38419
Tamburelli, F. *see* Ambrosini, G. 38898
Tamechika, E., Horiuchi, T., Harada, K. Resolution improvement using auxiliary pattern groups in oblique illumination lithography 27845
Tamechika, Y., Miyano, H. Network integration service: PROPOSE/NW 45401
Tamegai, M. *see* Ohnishi, O. 25484
Tamegi, H. *see* Nikawa, K. 43063
Tamelo, A.A. *see* Murav'ev, V.V. 19079
Tamesada, T. *see* Hashizume, M. 10210
Tamil, L.S., Yisong Li, Dugan, J.M., Prabhu, K.A. Dispersion compensation for high bit rate fiber-optic communication using a dynamically tunable optical filter 43603
Tamil, L.S. *see* Aicklen, G.H. 2962
Tamil, L.S. *see* Mills, D.W. 43668
Tamir, A. A unifying location model on tree graphs based on submodularity properties 18036
Tamir, S., Komem, Y., Eizenberg, M., Speiser, S. Multiphoton photochemical reactions during laser induced deposition of silicon thin films 33691
Tamir, T., Tu, K.-Y. Full wave diffraction by superposed volume gratings 12584
Tamir, T. *see* Shuzhang Zhang 43483
Tamir, T. *see* Tu, K.-Y. 29163
Tamir, Y. *see* Hsin-Chou Chi 42275
Tamitani, I. *see* Ohta, M. 31024
Tamizhmani, G., Capuano, G.A. Improved electrocatalytic oxygen reduction performance of platinum ternary alloy-oxide in solid-polymer-electrolyte fuel cells 48108
Tamjis, M.Rom *see* Rom Tamjis, M.
Tamm, I.R., Dawson, P., Pate, M.A., Grey, R., Hill, G. Photosignal enhancement in Al-GaAs diodes due to surface plasmons and guided wave modes 19753
Tamm, M.E. *see* Ryabova, L.I. 10846
Tammaru, E. *see* Jarwala, N. 10570
Tamoto, K. *see* Kitahata, T. 1662
Tamtaoui, A., Labit, C. Constrained motion estimators for 3DTV sequence coding 13814
Tamura, A., Kusayanagi, A., Sano, S. Multimedia section system 45651
Tamura, A. *see* Ikebe, Y. 18049
Tamura, A. *see* Yanagihara, M. 34240
Tamura, H. *see* Inoue, N. 33703
Tamura, H. *see* Kanamura, K. 48063
Tamura, H. *see* Mori, T. 41888
Tamura, H. *see* Osaka, Y. 2873
Tamura, I. *see* Takamura, T. 17245
Tamura, J., Takeda, I. A consideration on saturated synchronous machine models 16806
Tamura, J., Takeda, I. A consideration on expression of saturation in synchronous machine model for power system simulation 40136
Tamura, K., Doerr, C.R., Nelson, L.E., Haus, H.A., Ippen, E.P. Technique for obtaining high-energy ultrashort pulses from an additive-pulse mode-locked erbium-doped fiber ring laser 20757
Tamura, K., Kasuga, T., Tobiyama, M., Hama, H., Isoyama, G., Kinoshita, T. Double RF system for suppression of longitudinal coupled bunch instability on UVSOR storage ring 23979
Tamura, K., Nelson, L.E., Haus, H.A., Ippen, E.P. Soliton versus nonsoliton operation of fiber ring lasers 21022
Tamura, K. *see* Doerr, C.R. 20755
Tamura, K. *see* Haus, H.A. 43788
Tamura, K. *see* Kakehata, M. 35695
Tamura, K. *see* Tsunemi, H. 7234
Tamura, M., Isomae, S., Ando, T., Ohyu, K., Yamagishi, H., Hashimoto, A. The effects of defects on microelectronic devices 1911
Tamura, M. *see* Ando, T. 1920
Tamura, M. *see* Furukawa, S. 14952
Tamura, M. *see* Himeno, T. 14856
Tamura, M. *see* Isomae, S. 10822
Tamura, M. *see* Morishita, Y. 41271
Tamura, M. *see* Shimura, T. 3586
Tamura, N., Hatakenaka, T., Iwata, Y., Kubota, M., Ohsugi, T., Okada, M., Unno, Y., Aso, T., Ishizuka, M., Miyata, H., Ando, A., Hatanaka, K., Mizuno, Y., Goto, M., Kobayashi, S., Murakami, A., Inoue, K., Suzuki, Y., Daigo, M., Yamamoto, K., Yamamura, K. Radiation effects of double-sided silicon strip sensors 46889
Tamura, N. *see* Barberis, E. 46846
Tamura, N. *see* Ohsugi, T. 46838
Tamura, N. *see* Ohsugi, T. 46839
Tamura, R., Hiratsuka, K., Ohta, N. Recording characteristics and reliability of novel writable compact disc using a Au-Sn alloy single layer 20257
Tamura, S., Eung-Kyeu Kim, Close, R., Sato, Y. Error correction in laser scanner three-dimensional measurement by two-axis model and coarse-fine parameter search 46637
Tamura, S. *see* Arai, S. 28834
Tamura, S. *see* Azuma, Y. 6005
Tamura, S. *see* Kim, E.-K. 21669
Tamura, S. *see* Kudo, K. 20780
Tamura, S. *see* Miyake, Y. 12206
Tamura, S. *see* Yokota, K. 10805
Tamura, S. *see* Yokota, K. 19780
Tamura, T., Nakajima, K., Maekawa, T., Soejima, Y., Kuroda, Y., Tateishi, A. Heart rate fluctuations in post-operative and brain-death patients 24296
Tamura, T. *see* Hirasawa, S. 27906
Tamura, T. *see* Horie, M. 33730
Tamura, T. *see* Kamimura, H. 35078
Tamura, T. *see* Nakao, M. 38101
Tamura, T. *see* Takazawa, A. 2098
Tamura, T. *see* Yamada, M. 19571
Tamura, Y., Huang, Y., Tsukao, S. Monitoring and control strategy of power system stability based on the restoration characteristics index 16180
Tamura, Y. *see* Hattori, T. 34710
Tamura, Y. *see* Morita, H. 39566
Tamura, Y. *see* Tomiyama, K. 24791
Tamura, Y., Suzuki, H., Mori, H. *(editors)* ANNPS '93. Proceedings of the Second International Forum on Applications of Neural Networks to Power Systems (Cat. No.93TH0532-2) 9099
Tamurka, V.G. *see* Novikov, V.A. 25342
Tan, A. *see* Assadi, H. 24798
Tan, A.C., Liu, T.-F. Performance of the adaptive LMS orthogonal filters 18881
Tan, A.H.H. *see* Labrujere, A.C. 6065
Tan, C.C., Fusco, V.F. TLM modelling using an SIMD computer 12545
Tan, C.L., Pang, C.M., Martin, W.N. An object tracking system using pyramid and blackboard 13743
Tan, C.X., Ma, Y.L. Compound artificial neural network based classifiers with applications to high resolution signal recognition 4836
Tan, D.T.H. *see* Sung, E. 21989
Tan, E. *see* Tan, J. 24280
Tan, G.-L., Xu, J.M., Shur, M. GaAs/AlGaAs double-heterojunction lateral p-i-n ridge waveguide laser 3681
Tan, G.L. *see* Tay, A.A.O. 33401
Tan, H. A new developed broadband compensating circuit for Mach Zehnder and laser non linearity operating as high as the GHz region 35929
Tan, H.H. *see* Lee, S.L. 13380
Tan, H.M. *see* Nitti, S. 36015
Tan, H.S. *see* Hui, P. 26201
Tan, H.S. *see* Tan, S.Y. 36174
Tan, J., Akin, S., Beyazova, M., Sepici, V., Tan, E. Sympathetic skin response and R-R interval variation in rheumatoid arthritis. Two simple tests for the assessment of autonomic function 24280
Tan, J. *see* Goddard, J.W.F. 32090
Tan, J. *see* Pan, G. 29268
Tan, J.G. *see* Ngoh, L.H. 37583
Tan, K. *see* Chen, C.H. 1612
Tan, K. *see* Lai, R. 27284
Tan, K. *see* Lane, P. 16648
Tan, K. *see* Sharma, A.K. 1649
Tan, K.L. *see* Lai, R. 19048
Tan, K.L. *see* Lo, D.C.W. 1638
Tan, K.L. *see* Pospieszalski, M.W. 1528
Tan, K.L. *see* Ton, T.-N. 1574
Tan, K.L. *see* Wang, H. 1580
Tan, K.L. *see* Wang, H. 1594
Tan, K.L. *see* Wang, H. 1606
Tan, K.L. *see* Wang, H. 10498
Tan, K.P. *see* Gardner, P. 42214
Tan, K.P. *see* Ooi, T.H. 17821
Tan, K.S., Leong, M.S., Yeo, T.S., Kooi, P.S. Radar cross section calculation of large bodies with cavities using a modified shooting and bouncing ray method 23120
Tan, L. *see* Magotra, N. 32059
Tan, L.H. *see* Sriharan, S. 32860
Tan, M., Chen, C.M., Wen, Y.Q., Wang, Z. The energy response of a spherical neutron dose equivalent counter 31997
Tan, M. *see* Babic, D.I. 44012
Tan, M. *see* Huat Tatt Gan 30369
Tan, M.R. *see* Hahn, K.H. 30747
Tan, M.R.T. *see* Houng, Y.M. 43874
Tan, N., Eriksson, S. New multibit delta-sigma modulator structure with reduced sensitivity to the D/A conversion error 10221
Tan, N., Eriksson, S. Noise shaping with bilinear integrators 18907
Tan, P. *see* Frater, M.R. 37582
Tan, P. *see* Ranade, S.J. 32230
Tan, Q.-S., Ciotti, C., Schmitt, H.J. Class-E high efficiency power amplifiers 9991
Tan, R., Levy, R. A limiting filter for application in a GPS receiver 1447
Tan, R.B. *see* Bakker, E.M. 22369
Tan, S. *see* Honda, K. 11064
Tan, S. *see* Jeffries, A.T., III 11068
Tan, S.L. Challenges in SMT process migration—a user experience 10569
Tan, S.T., Du, D.H.C. Embedded unidirectional incomplete hypercubes for optical networks 14637
Tan, S.Y., Tan, H.S. UTD propagation model in an urban street scene for microcellular communications 36174
Tan, T.A.Nguyen *see* Nguyen Tan, T.A.
Tan, T.C., Chen, Y. Sensing characteristics of an immobilized apple powder enzymic sensor 23737
Tan, T.C. *see* Tan, Y. 38581
Tan, T.K. *see* Johnson, A.W. 42074
Tan, T.Y. Intrinsic gettering in Czochralski silicon 2005
Tan, T.Y. *see* Hsia, S.L. 739
Tan, T.Y. *see* Hsia, S.L. 33663
Tan, T.Y. *see* You, H.M. 27526
Tan, W.-T. *see* Po, L.-M. 29877
Tan, W.B.S. *see* Duong, N. 37440
Tan, Y., Freeman, H. 3D object recognition and pose determination based on combined edge and surface shape data 29831
Tan, Y., Tan, T.C. Characteristics and modeling of a solid state hydrogen sensor 38581
Tan, Z., Ren, P., Luo, W. Studies of laser induced-MOCVD zinc oxide films 9759
Tan Boon Cheong, Chutatape, O., Choo Fook Hoong, Lee Chong Yee A PC-based application interface to industrial robot system for manufacturing automation 9238
Tan Boon-Cheong, Opas Chutatape MMS and interprocess communication for multiple robot assembly system 5533
Tan Changhua *see* Changhua Tan
Tan Chin-Woo *see* Chin-Woo Tan
Tan Chong Siew *see* Chong Siew Tan
Tan Fu Lei *see* Horng Nan Chern 34958
Tan Jie *see* Li Sheng-Yi 31437
Tan Jilin *see* Jilin Tan
Tan Jiu-Bin, Li Dong-Sheng, Qiang Xi-Fu, Yang Wen-Guo, Zhao Hai Statistical recognition of offset components and evaluation of sphericity error for ultra-high-precision sphere 46600
Tan Jiu-Bin, Li Dong-Sheng, Qiang Xi-Fu, Zhao Xi-Ping, Yang Wen-Guo Error separation technique of 'two points and two settings method' and application in contactless automatic measurement 31422
Tan Jiu-Bin *see* Li Dong-Sheng 23901
Tan Jiu-Bin *see* Li Dong-Sheng 31157
Tan Jun *see* Chen Guangju 38375
Tan Kah-Chye *see* Kah-Chye Tan
Tan Kexiong, Zhu Deheng, Xie Yucheng, Chi Xuhang Probability distribution of lightning impulse breakdown voltage of oil gap between winding disks for 500 kV power transformer 25517
Tan Kok Swang *see* Kok Swang Tan
Tan Le, Norman, A.G., Yuen, W.T., Hart, L., Ferguson, I.T., Harris, J.J., Phillips, C.C., Stradling, R.A. Quantum transport in $InAs_{1-x}Sb_x/InSb$ strained layer superlattices 42528
Tan Li Li *see* Yong Siong Kiat 13909
Tan Lijun, Li Lohmin, Dou Ruihua Performance evaluation of trellis-coded-modulation in the presence of impulsive noise 4410
Tan Lijun, Li Lohmin, Dou Ruihua Performance study of frequency-hopped spread spectrum multiple-access system utilizing MT-TCM 13869
Tan Loc Le, Piekutowski, M. An expert system for voltage control and reactive power compensation planning in the HEC system 24834
Tan Peng Seng *see* de Souza, R. 10581
Tan Songsheng *see* Su Yi 27666
Tan Soon Hie *see* Soon Hie Tan
Tan Teh Y. *see* Teh Y. Tan
Tan Weidong *see* Zhang Zhudan 1510
Tan Wen *see* Wen Tan
Tan Yaolin *see* Zhu Zimin 24154
Tan Yaolin *see* Zhu Zimin 24155
Tan Zhengping, Fu Zhong Approach to the transition from hybrid digital-analog communication network to ISDN 45646
Tan-Fu Lei *see* Horng-Chih Lin 837
Tan-Fu Lei *see* Horng-Chih Lin 2052
Tan-Fu Lei *see* Horng-Chih Lin 9755
Tan-Fu Lei *see* Horng-Chih Lin 33688
Tan-Fu Lei *see* Yimin Huang 6500
Tanabe, A., Tohyama, S., Teranishi, N., Konuma, K., Masubuchi, K., Utsumi, H. Utilizing an optical cavity to increase the saturation level in a Schottky-barrier IR image sensor 31270
Tanabe, A. *see* Omoto, A. 16525
Tanabe, E., McEuen, A., Trail, M., Meddaugh, G., Bandy, S. Field emission in microwave cavity 42353
Tanabe, H. *see* Iwabuchi, Y. 27852
Tanabe, H. *see* Umeda, H. 13876
Tanabe, K. *see* Sakuma, H. 10587
Tanabe, M., Sato, H. On the fluctuation of number of zeros of sine wave plus random noise 9395
Tanabe, M. *see* Miyawaki, T. 6238
Tanabe, M. *see* Sanada, T. 6091
Tanabe, M. *see* Takenaka, N. 6240
Tanabe, R., Yasuda, K., Yokoyama, R. An efficient algorithm for the optimal generation mix accounting for fuzziness of decision making and planning parameters 7705
Tanabe, R., Yasuda, K., Yokoyama, R. An evaluation of the optimal generation mix for controlling carbon dioxide emissions 25087
Tanabe, R. *see* Kubokawa, J. 7826
Tanabe, S., Sakurai, Y. A hyper-distributed switching system architecture for B-ISDN 22733

Tanabe, S. *see* Hosono, A. 20127
Tanabe, S. *see* Kozaki, T. 22732
Tanabe, T., Katayama, I., Chida, K., Tomizawa, M., Arakaki, Y., Honma, T., Katayama, T., Nagai, R., Noda, K., Watanabe, S., Watanabe, T., Yoshizawa, J., Yoshizawa, M., Ohtani, S., Inoue, N., Xu, H.J. Heavy-ion cooling and related applications in the cooler-ring TARN II at INS 7062
Tanabe, T., Wilson, R., Hubers, G. The effects of proper grounding and selection of broad mounted EMI filters 34150
Tanabe, T. *see* Arai, R. 20278
Tanabe, T. *see* Araki, N. 7618
Tanabe, T. *see* Ikeuchi, T. 45641
Tanabe, T. *see* Kawamura, Y. 3694
Tanabe, T. *see* Watabe, A. 20277
Tanabe, Y. *see* Nagaoka, M. 42194
Tanabe, Y. *see* Okamura, M. 31560
Tanabe, Y. *see* Takeda, O. 15522
Tanada, Y., Yoshida, H., Nagasawa, Y. Even-length real-valued cyclically orthogonal pseudo-noise sequences with small absolute value 4452
Tanahashi, A. *see* Otani, Y. 15174
Tanahashi, M. *see* Uehara, M. 19174
Tanahashi, N. *see* Minowa, M. 23154
Tanahashi, N. *see* Okabe, T. 14828
Tanahashi, S. *see* Jun Xu 29791
Tanahashi, T., Okada, K., Araki, H., Nishimura, N., Nakashima, S. Technologies and drive-control system for the 750 m/min elevators installed in the Landmark Tower, Yokohama 40575
Tanahashi, T. *see* Anayama, C. 3630
Tanahashi, T. *see* Furaya, A. 43840
Tanahashi, T. *see* Furuya, A. 12176
Tanahashi, T. *see* Watanabe, E. 8896
Tanaka, A. *see* Ishii, H. 37215
Tanaka, A. *see* Kawai, T. 6451
Tanaka, A. *see* Masui, H. 45654
Tanaka, A. *see* Nakamura, Y. 9317
Tanaka, A. *see* Suian Zhang 33650
Tanaka, A. *see* Udono, H. 33682
Tanaka, A. *see* Watanabe, A. 647
Tanaka, A. *see* Yano, K. 2535
Tanaka, A. *see* Yano, K. 19913
Tanaka, D. *see* Wada, A. 11587
Tanaka, E. *see* Kameoka, N. 39547
Tanaka, E. *see* Nakamura, T. 23719
Tanaka, E. *see* Nakamura, T. 38552
Tanaka, F. *see* Kogure, M. 2164
Tanaka, H. Systematic construction algorithm of fixed block-length (d, k) codes 11493
Tanaka, H. Reliability of maximum-likelihood decoded codewords and its application to decoding of concatenated codes 21593
Tanaka, H. Identity-based noninteractive key sharing 36570
Tanaka, H., Aoki, M., Etoh, J., Horiguchi, P., Itoh, K., Kajigaya, K., Matsumoto, T. Stabilization of voltage limiter circuit for high-density DRAMs using Miller compensation 1237
Tanaka, H., Honda, M., Imaizumi, H. MUSE 60 Mb/s digital transmission via INTELSAT satellite in Olympic games 31011
Tanaka, H., Ichiyanagi, N., Iwata, Z. A study on breakdown phenomena in XLPE power cable 47512
Tanaka, H., Iwahori, Y., Ishii, N. Surface orientation from shading image and its directional derivatives under unknown illuminating direction 13698
Tanaka, H., Matsushima, Y. Nonlinear optical modulation in semiconductor waveguide—focusing on optical modulators 28503
Tanaka, H., Nagaoka, R., Makabe, T., Kawatani, A., Kobayashi, Y., Shuke, K., Suzuki, Y., Suzuki, F. Multichip module for 156 Mb/s optical interface 347
Tanaka, H., Nagaoka, R., Makabe, T., Shuke, K., Kawatani, A., Suzuki, Y., Kobayashi, Y., Suzuki, F. A multichip module for the 156 Mbps optical interface 14582
Tanaka, H., Sano, Y., Kume, H., Nishio, M. Plastic molded optical switch designed by means of optical power evaluation computer program 3035
Tanaka, H., Shimada, J. TE/TM mode switching of GaAsP strained quantum-well laser diodes 20834
Tanaka, H., Shimada, J., Suzuki, Y. Highly efficient TE/TM mode switching of GaAsP/AlGaAs strained quantum-well laser diodes 20860
Tanaka, H., Shiota, K., Gomi, K., Miyake, Y. Wear characteristics of carbon-coated magnetic rigid disks with well-defined surface texture 20154
Tanaka, H., Suzuki, M., Matsushima, Y. Optical short pulse generation by a DFB laser/EA modulator integrated light source 14602
Tanaka, H., Uchida, H., Ajioka, T., Hirashita, N. The degradation of TDDB characteristics of $SiO_2/Si_3N_4/SiO_2$ stacked films caused by surface roughness of Si_3N_4 films [DRAMs] 34059
Tanaka, H. *see* Bove, P. 43016
Tanaka, H. *see* Chikada, N. 16309
Tanaka, H. *see* Haruna, M. 43763
Tanaka, H. *see* Ishigame, A. 24772
Tanaka, H. *see* Iwahori, Y. 13694
Tanaka, H. *see* Iwahori, Y. 13769
Tanaka, H. *see* Kamiya, I. 9608
Tanaka, H. *see* Kato, T. 3053
Tanaka, H. *see* Klapper, D.B. 16152
Tanaka, H. *see* Masui, N. 14016
Tanaka, H. *see* Morimoto, H. 6695
Tanaka, H. *see* Morioka, Y. 16228
Tanaka, H. *see* Murata, S. 20873
Tanaka, H. *see* Ogi, H. 25594
Tanaka, H. *see* Oikawa, A. 11053
Tanaka, H. *see* Sato, Y. 3986
Tanaka, H. *see* Suzuki, M. 5970
Tanaka, H. *see* Suzuki, M. 6084
Tanaka, H. *see* Suzuki, M. 20428
Tanaka, H. *see* Tokiwa, K. 44689
Tanaka, H. *see* Ukita, H. 20581
Tanaka, H. *see* Yamasaki, T. 21223
Tanaka, H. *see* Yoshimoto, K. 25217
Tanaka, H. *see* Zushi, T. 2979
Tanaka, H.-A., Oishi, S., Horiuchi, K. Nonlinear circuit in complex time—case of phase-locked loops 26671
Tanaka, H.T. *see* Kajiwara, S. 30546
Tanaka, I. *see* Yoshida, S. 44019
Tanaka, J. *see* Taniguchi, T. 34554
Tanaka, J. *see* Yin, W. 43143
Tanaka, J.A. *see* Belloni, M. 40820
Tanaka, K. Multi-faults calculation method for dynamic stability study of electric power system 7706
Tanaka, K. New boundary integral equation method for CAD of dielectric waveguide bend circuits 18981
Tanaka, K. New integral equations for designing dielectric waveguide bend circuits: guided-mode extracted integral equations 36303
Tanaka, K., Ando, F., Taketoshi, K., Ohishi, I., Asari, G. Novel digital photosensor cell in GaAs IC using conversion of light intensity to pulse frequency 11321
Tanaka, K., Ding, L., Makino, Y., Sakoguchi, E., Takeoka, A., Yamada, E. Performance evaluation of solar-powered air conditioner 17616
Tanaka, K., Hayamizu, S. A speech database and acoustic-phonetic knowledge base for speech recognition 4472
Tanaka, K., Miyabo, K., Yamaguchi, T. ISDN audiographics teleconferencing system based on personal computers—teleconferencing system using high resolution documents 30548
Tanaka, K., Oyaizu, I. ISDN audio-graphics teleconferencing systems 22669
Tanaka, K., Saitoh, K. Optimal free-sensors allocation problem in safety monitoring system 33446
Tanaka, K., Sakoguchi, E., Fukuda, Y., Takeoka, A., Tokizaki, H. Residential solar-powered air conditioner 17617
Tanaka, K., Sakoguchi, E., Yamada, E. Simulated power source based on output characteristics of solar cell 16946
Tanaka, K., Taira, S., Yamamoto, S., Wakana, H., Miyazaki, J., Iizuka, H., Kajioka, H. Antenna and 3-D tracking system for land vehicles on satellite communications 5854
Tanaka, K., Takahashi, K. Efficient method for modifying Z-matrix elements in short circuit study 7892
Tanaka, K., Tanaka, M., Tashima, H., Ootera, H., Yoshino, Y. New integral equation method for CAD of open waveguide bends 21333
Tanaka, K., Warashina, T., Hayakawa, Y. Student's works and power supplies in electronic circuit laboratory 150
Tanaka, K., Yamamoto, T., Matsumoto, K. User interface of PWB CAD 19208
Tanaka, K. *see* Hattori, S. 6215
Tanaka, K. *see* Kato, K. 11690
Tanaka, K. *see* Kato, K. 11691
Tanaka, K. *see* Kato, T. 3053
Tanaka, K. *see* Kondoh, E. 9522
Tanaka, K. *see* Lee, J.-S. 9615
Tanaka, K. *see* Lee, J.-S. 33601
Tanaka, K. *see* Masuda, T. 17412
Tanaka, K. *see* Nobuhara, H. 20796
Tanaka, K. *see* Obara, N. 37746
Tanaka, K. *see* Odagawa, T. 12136
Tanaka, K. *see* Odagawa, T. 12153
Tanaka, K. *see* Shikata, M. 10101
Tanaka, K. *see* Taguchi, M. 4273
Tanaka, K. *see* Terakado, S. 2131
Tanaka, K. *see* Terakado, S. 42703
Tanaka, K. *see* Terakado, S. 42714
Tanaka, K. *see* Tohne, T. 29980
Tanaka, K. *see* Yamamoto, K. 17047
Tanaka, K. *see* Yamamoto, T. 12110
Tanaka, K. *see* Yamanashi, A. 19823
Tanaka, K. *see* Ziqiang Zhu 41355
Tanaka, K. *see* Schiff, E.A. *(editor)* 17746
Tanaka, M. Polarization transformation characteristics of a multilayered chiral slab 4081
Tanaka, M., Harbison, J.P., Sands, T., Philips, B., Cheeks, T.L., DeBoeck, J., Florez, L.T., Keramidas, V.G. Epitaxial ferromagnetic MnGa/NiGa multilayers on GaAs 11449
Tanaka, M., Ikeda, H., Fujita, Y., Ozaki, H., Ikeda, M., Fukunaga, C. Readout system of the silicon microstrip vertex detector for the KEK B-factory 46988
Tanaka, M., Ikeda, H., Ikeda, M., Inaba, S., Fujita, Y., Ozaki, H., Matsuda, T., Tsuboyama, T., Fukunaga, C., Avrillon, S., Okuno, S., Haba, J., Hanai, H., Mori, S., Yusa, K., Korhonen, T. LSI design and data-acquisition architecture for a silicon micro-vertex detector at the KEK B-factory 46975
Tanaka, M., Kitaji, S., Kubo, K., Souda, H., Otsuka, N., Nakata, H., Fujito, K., Aoyama, S., Funahashi, T. FM-FDM fiber-optic subscriber system 6239
Tanaka, M., Kusunoki, A. Scattering characteristics of stratified chiral slab 20506
Tanaka, M., Nishinaga, T., Ikarashi, N., Shimada, H. Epitaxial CoAl/AlAs/GaAs metal semiconductor heterostructures: growth, structure, and electrical properties 26431
Tanaka, M., Ohshima, T., Katori, K., Fujiwara, M., Ogata, H., Shimakura, N., Kondo, M. Production of polarized heavy ions for intermediate-energy nuclear physics 31640
Tanaka, M., Uchimura, K. HDTV signal transmission equipment 38214
Tanaka, M. *see* Cheng, G.-X. 18926
Tanaka, M. *see* Fukunaga, C. 46852
Tanaka, M. *see* Fukunaga, C. 46976
Tanaka, M. *see* Harada, H. 4074
Tanaka, M. *see* Himeno, T. 14856
Tanaka, M. *see* Inoue, T. 38830
Tanaka, M. *see* Kadowaki, N. 30684
Tanaka, M. *see* Kimura, S. 21433
Tanaka, M. *see* Kurihara, N. 46124
Tanaka, M. *see* Magara, T. 25970
Tanaka, M. *see* Matsuyama, T. 9687
Tanaka, M. *see* Matsuyama, T. 40462
Tanaka, M. *see* Mizuno, M. 46699
Tanaka, M. *see* Mizutani, H. 9933
Tanaka, M. *see* Morita, T. 2763
Tanaka, M. *see* Nagai, H. 43715
Tanaka, M. *see* Ninomiya, K. 8780
Tanaka, M. *see* Okumoto, Y. 17636
Tanaka, M. *see* Saitoh, Y. 7254
Tanaka, M. *see* Saitoh, Y. 46854
Tanaka, M. *see* Shimomura, S. 41347
Tanaka, M. *see* Tanaka, K. 21333
Tanaka, M. *see* Tsuboi, H. 12524
Tanaka, M. *see* Yamamoto, S. 37974
Tanaka, M. *see* Yamashita, A. 35045
Tanaka, M. *see* Yamashita, Y. 21690
Tanaka, M. *see* Yatomi, T. 25960
Tanaka, M. *see* Zumoto, N. 29079
Tanaka, N., Kamimura, T., Tsukumo, J. A vectorization method based on the energy minimization principle 29796
Tanaka, N., Matsuyama, I., Ishikawa, T. Characterization of in situ Cl_2-etched GaAs buffer layers and regrown GaAs/AlGaAs quantum wells 42710
Tanaka, N. *see* Ito, H. 42757
Tanaka, N. *see* Kawanishi, H. 2283
Tanaka, N. *see* Lopez, M. 41343
Tanaka, N. *see* Nakajima, J. 6165
Tanaka, N. *see* Nishigaki, M. 18404
Tanaka, N. *see* Okano, H. 11443
Tanaka, N. *see* Okano, H. 18280
Tanaka, N. *see* Otobe, Y. 14794
Tanaka, N. *see* Suganami, T. 9007
Tanaka, R. *see* Tokumaru, S. 29350
Tanaka, S., Itozaki, H., Toyoda, H., Harada, N., Adachi, A., Okajima, K., Kado, H., Nagaishi, T. Four-channel $YBa_2Cu_3O_{7-y}$ dc SQUID magnetometer for biomagnetic measurements 31154
Tanaka, S., Katada, T. Development of an automatic measurement system for ship's attitude 6326
Tanaka, S., Kojima, H., Okada, Y., Nakazawa, F., Hikage, T., Matsushige, H., Kosuge, M., Miyasaka, H., Takashi, T., Hanamura, S. An adaptive equalizing maximum likelihood decoding LSI for magnetic recording systems 27006
Tanaka, S., Lundstrom, M.S. A compact HBT device model based on a one-flux treatment of carrier transport 28106
Tanaka, S., Nogi, S., Fukui, K. Desired mode excitation by power additive signal injection in a multiple-device cavity combiner 19007
Tanaka, S. *see* Ban, S. 47021
Tanaka, S. *see* Grajew, G. 37613
Tanaka, S. *see* Hanatani, S. 28654
Tanaka, S. *see* Hatano, Y. 17557
Tanaka, S. *see* Inoue, S. 2346
Tanaka, S. *see* Ishikawa, H. 6014
Tanaka, S. *see* Kanetake, T. 3089
Tanaka, S. *see* Kashiwa, T. 4254
Tanaka, S. *see* Kashiwa, T. 21450
Tanaka, S. *see* Morita, H. 15908
Tanaka, S. *see* Nagashino, H. 897
Tanaka, S. *see* Ofosu-Amaah, W. 8625
Tanaka, S. *see* Ohno, S. 35590
Tanaka, S. *see* Okui, A. 8946
Tanaka, S. *see* Rowland, L.B. 700
Tanaka, S. *see* Shimane, K. 25868
Tanaka, S. *see* Suetsugu, Y. 35418
Tanaka, S. *see* Terasawa, Y. 11596
Tanaka, S. *see* Tsuji, H. 28422
Tanaka, S. *see* Tsunetomo, K. 33580
Tanaka, S. *see* Wakami, T. 38529
Tanaka, T. Present status and future prospect of R&D of renewable energy technologies in Japan 25108

Tanaka, T., Akagi, H. A new equivalent circuit to harmonic currents on the AC side of diode rectifiers 9963
Tanaka, T., Akagi, H. Proposal for a new equivalent circuit of diode rectifiers with respect to harmonics 16955
Tanaka, T., Igarashi, Y., Nara, M., Yoshino, T. Automatic north sensor using a fiber-optic gyroscope 38532
Tanaka, T., Morigami, M., Atoda, N. Mechanism of resist pattern collapse during development process 27880
Tanaka, T., Morigami, M., Oizumi, H., Ogawa, T. Freeze-drying process to avoid resist pattern collapse 19692
Tanaka, T., Morigami, M., Watanabe, T., Futagami, M., Okada, K., Fujiwara, S., Yamaoka, Y., Harada, M., Kaneda, K., Nishino, J., Suzuki, S. Pattern replication accuracy in 1:1 synchrotron radiation lithography 11099
Tanaka, T., Okamoto, T., Nakanishi, K., Miyamoto, T. Aging and related phenomena in modern electric power systems 24946
Tanaka, T., Yanagisawa, H., Takimoto, M., Minagawa, S. Tensile-strained AlGaInP single-quantum-well LDs emitting at 615 nm 3671
Tanaka, T., Yanagisawa, H., Yano, S., Minagawa, S. Ordered structure in GaInP/AlGaInP quantum wells and p-doped multiquantum well AlGaInP laser diodes 3616
Tanaka, T. *see* Aritome, S. 41883
Tanaka, T. *see* Fujiwara, E. 41907
Tanaka, T. *see* Fujiwara, S. 2314
Tanaka, T. *see* Ishihara, K. 16963
Tanaka, T. *see* Ishizaki, A. 25404
Tanaka, T. *see* Iwaki, T. 31052
Tanaka, T. *see* Iwaki, T. 36565
Tanaka, T. *see* Jongsuck Bae 34255
Tanaka, T. *see* Kato, J. 20499
Tanaka, T. *see* Kozono, S. 14507
Tanaka, T. *see* Kukuchi, S. 43258
Tanaka, T. *see* Kurano, M. 19169
Tanaka, T. *see* Kuwabata, S. 18314
Tanaka, T. *see* Miyake, K. 43682
Tanaka, T. *see* Nagata, S. 34271
Tanaka, T. *see* Nagata, T. 43680
Tanaka, T. *see* Okamoto, S. 1669
Tanaka, T. *see* Okamoto, S. 7954
Tanaka, T. *see* Okano, H. 18280
Tanaka, T. *see* Sakuma, K. 25683
Tanaka, T. *see* Scheckler, E.W. 27862
Tanaka, T. *see* Suzuki, K. 11217
Tanaka, T. *see* Suzuki, K. 28127
Tanaka, T. *see* Suzuki, K. 34960
Tanaka, T. *see* Taguchi, M. 4273
Tanaka, T. *see* Takahashi, N. 13583
Tanaka, T. *see* Takashima, T. 48112
Tanaka, T. *see* Takeuchi, K. 46425
Tanaka, T. *see* Ueda, Y. 43204
Tanaka, T. *see* Wada, M. 24908
Tanaka, T. *see* Watanabe, M. 25031
Tanaka, U., Yabuzaki, T. Simultaneous improvement of short- and long-term frequency stability of a diode laser 3716
Tanaka, W. *see* Hasegawa, H. 30284
Tanaka, Y. Science and technology policy-making process in the Japanese government 189
Tanaka, Y., Kamiya, M., Suzuki, N. New methodology of optimizing optical overlay measurement 15210
Tanaka, Y., Mitsuhashi, A., Tomita, K., Tanno, M. Dry etching technology 27667
Tanaka, Y., Namikawa, M., Hiura, A., Xiao Fang Bi, Takada, Y. Effects of silicon content, thickness and heat treatment on iron loss properties of high silicon electrical steel sheets 11468
Tanaka, Y., Sunohara, M., Murata, J., Nakamura, T., Aikoh, H. Molded-glass optical element for focusing servos 35540
Tanaka, Y., Tsuchiya, H. Asymmetric broadcast ATM switching network using concentrator 13926
Tanaka, Y., Tsuchiya, H., Seki, R. Asymmetric broadcast ATM switching network using buffered concentrator 30540
Tanaka, Y. *see* Arai, R. 20278
Tanaka, Y. *see* Fujii, K. 28165
Tanaka, Y. *see* Fujikake, H. 48468
Tanaka, Y. *see* Hanamoto, T. 25867
Tanaka, Y. *see* Hirabayashi, J. 39352
Tanaka, Y. *see* Hirata, J. 31356
Tanaka, Y. *see* Kourra, L. 41965
Tanaka, Y. *see* Kumada, T. 11048
Tanaka, Y. *see* Matsumoto, K. 20169
Tanaka, Y. *see* Mine, S. 45683
Tanaka, Y. *see* Miura, O. 2921
Tanaka, Y. *see* Ohki, Y. 35164
Tanaka, Y. *see* Tokunaga, T. 11810
Tanaka, Y. *see* Toyama, T. 28667
Tanaka, Y. *see* Wada, H. 22554
Tanaka, Y. *see* Xu, Z. 17014
Tanaka Mikiko Sode *see* Mikiko Sode Tanaka
Tanamoto, T. *see* Zohta, Y. 19744
Tanba, S. *see* Watanabe, T. 45036
Tanbakuchi, H. An integrated 26-50 GHz spectrum analyzer front end 31134
Tanbun-Ek, T. *see* Chen, Y.K. 28487
Tanbun-Ek, T. *see* Dutta, N.K. 3644
Tanbun-ek, T. *see* Koyama, F. 20793
Tanbun-Ek, T. *see* Tsang, W.T. 20801
Tancevski, L., Andonovic, I. Block multiplexing codes for optical ladder network correlators 46007
Tandai, M., Shinsha, T., Nishida, T., Moriwaki, K. REDUCT: a redundant fault identification algorithm using circuit reduction techniques 10112
Tandit, A.V. *see* Budilovich, N.V. 27179
Tandon, A.K. *see* Murthy, S.S. 25425
Tandon, R.P. *see* Sharma, H.B. 2711
Tandon, V., Burton, F., Wilby, M., Todd, C.J. Feasibility of a passive star LAN capable of transporting both variable and constant bit-rate traffic 5500
Tane, Y. *see* Ando, T. 42338
Tanebe, T. *see* Fukumasa, O. 15609
Taneda, Y. *see* Shirai, Y. 7524
Taneja, I.J. *see* Menendez, M.L. 4356
Taneja Nayyar, A., Bonar, J.R., Bebbington, J.A., De La Rue, R.M., Uttamchandani, D. Towards the realisation of a pressure sensor incorporating integrated optic waveguides 46355
Tanem, J.P. *see* Aase, S.O. 13778
Tanenbaum, A.S. *see* Kaashoek, M.F. 5235
Tang, A.T.K., Toumazou, C. High performance CMOS current comparator 27105
Tang, C. *see* Liu, P. 11910
Tang, C.E.T., Liu, K.J.R., Tretter, S.A. Optimal weight extraction for adaptive beamforming using systolic arrays 44858
Tang, C.H. Performance sensitivity of a radar as functions of its antenna characteristics 23199
Tang, C.K.K., Mars, P. Games of stochastic learning automata and adaptive signal processing 21787
Tang, C.L., Powers, P.E., Ellingson, R.J. Optical parametric processes and broadly tunable femtosecond sources 44045
Tang, C.L. *see* Johnson, J.E. 20759
Tang, C.L. *see* Kawasaki, S. 44067
Tang, C.L. *see* Lin, C.F. 11869
Tang, C.L. *see* Pelouch, W.S. 20687
Tang, C.L. *see* Powers, P.E. 20977
Tang, C.L. *see* Powers, P.E. 21088
Tang, C.Y. *see* Chen, W.-H. 5239
Tang, D. *see* Stanley, R. 37767
Tang, D.T. *see* Lee, J.-F. 27395
Tang, D.Y., Weiss, C.O. Uniqueness of the chaotic attractor of a single-mode laser 35649
Tang, D.Y., Weiss, C.O., Vanotti, P., Smith, C.P. Optical "friction wheels": asymmetric seeding of the TEM_{01} hybrid mode of a HeNe laser 35651
Tang, H., Cahill, L.W. A new criterion for the evaluation of image restoration quality 30000
Tang, H., Cahill, L.W. Convergence of recursive image restoration algorithms 30001
Tang, H., Chen, W.-K. Floorplanning via graph dualization with subsets of rectangular and L-shaped modules 18010
Tang, H. *see* Clendenin, J. 38808
Tang, H. *see* Saez, P. 23989
Tang, H. *see* Schultz, D. 38807
Tang, H.-C., Shiau, M.-C. Power dissipation models and performance improvement techniques for CMOS inverters with RC line and tree interconnections 10078
Tang, H.H.K. *see* Souissi, K. 19775
Tang, H.Y. *see* Kao, C.H. 878
Tang, J. ATM: a flexible path to the future 22716
Tang, J. ATM to the core 37063
Tang, J.F. *see* Gu, P.F. 28937
Tang, J.F. *see* Gu, P.F. 34671
Tang, J.Y. *see* Mandrillon, P. 6909
Tang, K., Astola, J., Neuvo, Y. Multivariate ordering and filtering with application to color image processing 22009
Tang, K.H. *see* Tso, S.K. 8797
Tang, K.S. Design of a combined INS-MLS navigation system 24450
Tang, K.W., Cheetham, B.M.G. Variable frame length prototype waveform interpolation for low bit rate speech coding 29555
Tang, L.C. *see* Chang, D.S. 17967
Tang, M.-T., Evans-Lutterodt, K.W., Higashi, G.S., Boone, T. A comparison of the roughness of various Si/SiO_2 interfaces using synchrotron X-ray diffraction 33774
Tang, M.C. *see* Kuo, J.B. 11213
Tang, M.C. *see* Sim, J.H. 28201
Tang, P.F., Fan, M.S., Illiadis, A.A., Christou, A. High electron mobility transistors with optically processed refractory silicide metallizations: thermal and microwave analysis 2259
Tang, P.T.P. *see* Chan, R.H. 41163
Tang, Q., Javidi, B. Chirp-encoded optical processor for pattern recognition 36861
Tang, S. *see* Chen, R.T. 3371
Tang, S. *see* Li, M. 9659
Tang, S. *see* Li, Q. 7632
Tang, S.H. *see* Ji, W. 44088
Tang, T. *see* Ramaswamy, S. 34890
Tang, T.W. *see* Woolard, D.L. 19712
Tang, W., Lee, F.C., Ridley, R.B., Cohen, I. Charge control: modeling, analysis, and design 40311
Tang, W.C., Altendorf, E.H., Rosen, H.J., Webb, D.J., Vettiger, P. Lifetime extension of uncoated AlGaAs single quantum well lasers by high power burn-in in inert atmospheres 28827
Tang, W.S. *see* Lee, S.L. 13380
Tang, X.N. *see* D'Avanzo, B. 38900
Tang, Y., Braunstein, R., von Roedern, B. Determination of drift mobility and lifetime for dominant charge carriers in polycrystalline $CuInSe_2$ by photomixing 1864
Tang, Y., Chang, C., Haddad, S., Wang, A., Lien, J. Differentiating impacts of hole trapping vs. interface states on TDDB reduction in thin oxide gated diode structures 35004
Tang, Y., Sobol, H. Measurements of PCS microwave propagation in buildings 4112
Tang, Y., Xu, L. Stator field oriented control of doubly-excited induction machine in wind power generating system 25297
Tang, Y. *see* Rich, D.H. 34559
Tang, Y. *see* Withers, D.E. 3852
Tang, Y.-S. *see* Sotomayor Torres, C.M. 43607
Tang, Y.J., Wu, C.H., Zhong, X.P., Luo, H.L. Magnetic and magnetostrictive properties of the $Dy_{0.9-x}Pr_xTb_{0.1}Fe_2$ compounds 11464
Tang, Y.S. *see* MacLeod, R.W. 19393
Tang, Y.Y., Suen, C.Y. RPCT algorithm and its VLSI implementation 36977
Tang, Z. *see* Jiang, X. 19111
Tang Bihai *see* Bihai Tang
Tang Bing *see* Bing Tang
Tang Cha-Mei *see* Cha-Mei Tang
Tang Chang-Jian *see* Chang-Jian Tang
Tang Chao-Wei, Liang Xi Chang, Shi-Jin Fa Non-contact laser measurement device for 3D curved surfaces 38680
Tang Chao-Wei, Liang Xi-Chang, Zou Chang-Ping Analysis on modern measuring methods of curved surfaces 23899
Tang Chao-Wei *see* Shi Jin-Fa 31310
Tang Cuming *see* Lan Jixiang 25820
Tang Fu Kun *see* Hojvat, C. 31779
Tang Guaon *see* Yu Wei 40085
Tang Gui-De, Nie Xiang-Fu, Sun Hui-Yuan, Meng Guang-Qing, Han Bao-Shan Annihilation of vertical-Bloch-line chains in the walls of the second kind of dumbbell domains subjected to an in-plane field 28365
Tang Guoqing, Xu Hongyuan, Chen Heng An expert system for voltage/VAr control of interconnected power systems 24836
Tang Guoqing *see* He Ding 16911
Tang Guoqing *see* He Ding 25511
Tang Guoqing *see* He Ding 32898
Tang Guoqing *see* Guoqing Tang
Tang Jian-Zhong, Fan Yu-Jian, Fei Bin, Chen Dan New method for dividing encoder signals by means of computer 38430
Tang Jin Fa *see* Jin Fa Tang
Tang Jinfa *see* Li Shijie 21037
Tang Jinfa *see* Jinfa Tang
Tang Jiuhua *see* Jiuhua Tang
Tang Jun, Li Zhenbang, Li Lohmin Blind equalization on time-variant channels 12806
Tang Jun *see* Jun Tang
Tang Kaizong *see* Tu Demin 16335
Tang Le *see* Le Tang
Tang Liang-Jing *see* Li Xiong-Jun 38685
Tang Liang-Jing *see* Xie Tu-Qiang 31309
Tang Ling-Jing *see* Li Xiong-Jun 46605
Tang Longzhou *see* Hui Zhongxi 43693
Tang Loon Ching *see* Loon Ching Tang
Tang Mao-Chuan *see* Mao-Chuan Tang
Tang Mau-Tsu *see* Mau-Tsu Tang
Tang Pushan *see* Pushan Tang
Tang Qing *see* Qing Tang
Tang Renyuan *see* Chen Yongbin 47942
Tang Sausu *see* Sausu Tang
Tang Suning *see* Suning Tang
Tang Tingao *see* Wang Xiaohui 11197
Tang Wei-Qing *see* Feng Qi-Ning 7576
Tang Weizhong *see* Chen Xiaoguang 6512
Tang Xiangyun *see* Li Yunqing 18302
Tang Xiaomin *see* Nan Zhiyuan 24801
Tang Xiaowei *see* Chen Chang 46880
Tang Xingli *see* Xingli Tang
Tang Xiongyan *see* Xiongyan Tang
Tang Yixing *see* Cai Tiequan 22135
Tang Yueli *see* Chen Yu 6924
Tang Zhiming *see* Zhiming Tang
Tangonan, G. *see* Brackett, C.A. 6056
Tangonan, G.L. *see* Schaffner, J.H. 46000
Tanguay, A.R., Jr. *see* Petrisor, G.C. 11903
Tanguy, A. *see* Aubin, J. 25519
Tanguy, P.-Y. The safety of the EdF nuclear power plants in service: status and prospects 32548
Tani, A. *see* Casadei, D. 8596
Tani, A. *see* Murase, H. 38403
Tani, J. *see* Hiramoto, M. 35607
Tani, J. *see* Qiu, J. 18311
Tani, J. *see* Takagi, T. 3992
Tani, J. *see* Takagi, T. 3993
Tani, K., Nishikawa, S. Improvement of the interface between selectively deposited aluminum and silicon by annealing 42552
Tani, M. A trend of human interface technology for industrial systems 45394
Tani, M. *see* Fujita, Y. 39744
Tani, M. *see* Horikoshi, E. 1741
Tani, M. *see* Kobashi, S. 16589
Tani, T. *see* Hirata, Y. 25693
Tani, T. *see* Sakuma, K. 25683
Tani, T. *see* Takashima, T. 48112

Tani, Y., Mito, H., Okuda, Y., Todokoro, Y., Tatsuta, T., Sawai, M., Tsuji, O. Optimization of amorphous carbon-deposited antireflective layer for advanced lithography 27854
Tanibata, Y. *see* Takahara, H. 23490
Tanida, J., Miyazaki, D., Ichioka, Y. H-OPALS: hybrid optical parallel array logic system 11759
Tanida, J. *see* Konishi, T. 35538
Tanida, J. *see* Miyazaki, D. 20468
Tanifuji, M. *see* Maehata, K. 31624
Tanifuji, T., Tateda, M. Advanced optical fiber and cable technologies - towards optical cable network innovation 35386
Tanifuji, T. *see* Nagasawa, S. 30847
Tanifuji, T. *see* Tomita, S. 5994
Tanifuzi, S. *see* Wada, M. 24908
Tanigaki, K., Kuroshima, S., Ebbesen, T.W., Ichihashi, T. Thin film crystals of phthalocyanines and porphyrins by organic MBE 9528
Tanigaki, T. *see* Arlinghaus, H.F. 42386
Tanigawa, S., Tabuki, Y., Wei, L., Hinode, K., Kobayashi, N., Onai, T., Owada, N. The lack of trapping centers for positrons at the interface of W/Si system and the investigation of the depletion layer in the Schottky barrier by positrons as test charge simulating holes 10732
Tanigawa, S. *see* Fujii, S. 10816
Tanigawa, S. *see* Kametani, H. 10764
Tanigawa, S. *see* Ohji, Y. 10766
Tanigawa, S. *see* Uedono, A. 10815
Tanigawa, S. *see* Uedono, A. 19471
Tanigawa, T. *see* Sugibayashi, T. 26919
Tanigawa, T. *see* Sugibayashi, T. 26954
Taniguchi, H. Analysis of transient features of self-terminating copper vapour lasers based on rate equations 12028
Taniguchi, H., Kotoh, M., Miyazu, S., Shimamoto, Y. Development of polarization maintaining fiber array 20330
Taniguchi, H., Tanosaki, S. Three-color whispering-gallery-mode dye lasers using dye-doped liquid spheres 12035
Taniguchi, H., Tomisawa, H., Sarjono Morphology-dependent dye lasing from a single microdroplet with double-layered dye doping 43749
Taniguchi, H. *see* Inoue, T. 39550
Taniguchi, H. *see* Takami, A. 8121
Taniguchi, I. *see* Asai, A. 19757
Taniguchi, I. *see* Imai, S. 44791
Taniguchi, K., Inoue, M., Takeda, Y., Morimoto, S. A PWM strategy for reducing torque-ripple in inverter-fed induction motor 40193
Taniguchi, K., Komiyama, S. Quasi-resonant ZVS-PWM inverter 25547
Taniguchi, K., Komiyama, S., Irie, H. A PWM method for quasi-resonant zero-voltage-switching inverter 16974
Taniguchi, K., Okumura, A. A PAM inverter system for vector control of induction motor 16830
Taniguchi, K., Suzuki, H., Nishida, T. Architecture and performance evaluation for INPs in high-speed internet environment 22636
Taniguchi, K. *see* Asada, H. 43335
Taniguchi, K. *see* Deen, Q. 42584
Taniguchi, K. *see* Higashino, T. 45352
Taniguchi, K. *see* Kamakura, Y. 42398
Taniguchi, K. *see* Matsuura, T. 34468
Taniguchi, K. *see* Matsuyama, K. 43294
Taniguchi, K. *see* Miyatake, T. 46448
Taniguchi, K. *see* Quazi Deen Mohd Khosru 42570
Taniguchi, K. *see* Shirahama, H. 26749
Taniguchi, K. *see* Takeda, Y. 40257
Taniguchi, K. *see* Ueno, F. 1212
Taniguchi, M., Matsuoka, K., Ichioka, Y. Optical/electronic hybrid associative memory system using multiple-object discriminant filters 4947
Taniguchi, M., Matsuoka, K., Ichioka, Y. Crosstalkless incoherent optical/electronic hybrid associative memory system 20467
Taniguchi, M., Takagi, T. Thermal stress evaluation of printed circuit board due to mounted parts by using holography technique 19192
Taniguchi, M., Takagi, T., Akasaki, I. Vibration pattern measurement of miniature electromagnetic relay mounted printed circuit board by stroboscopic holography 42299
Taniguchi, M. *see* Itoh, S. 6688
Taniguchi, M. *see* Tsuji, M. 18950
Taniguchi, M. *see* Yoshie, N. 37282
Taniguchi, N., Liu, X., Sakamoto, A., Shimamoto, T. An approach to channel routing using genetic algorithm 2610
Taniguchi, N., Liu, X., Sakamoto, A., Shimamoto, T. An attempt to solve channel routing using genetic algorithm 26545
Taniguchi, N., Nomura, S., Yamauchi, Y., Hayano, M. Combination plant system of electric generation and hydrogen-methanol manufacturing using HTGR (High Temperature Gas-cooled Reactor) 39845
Taniguchi, S. *see* Akiyama, Y. 17276
Taniguchi, T., Izumi, K., Kimura, J., Takaseki, M., Noma, K. Development of polymeric housed metal-oxide surge arresters without series gap for 6 to 60 kV class overhead lines 16463
Taniguchi, T., Nakamura, I., Ushida, Y. Solid state disk 34051
Taniguchi, T., Tanaka, J., Mishima, O., Ohsawa, T., Yamaoka, S. Non-linear current-voltage characteristics of Be-doped cubic-BN polycrystals synthesized at high pressure 34554
Taniguchi, T. *see* Ishigame, A. 24772
Taniguchi, T. *see* Kawamoto, S. 24803
Taniguchi, T. *see* Kuribayashi, K. 7476
Taniguchi, T. *see* Kuribayashi, K. 7477
Taniguchi, T. *see* Yamauchi, H. 26918
Taniguchi, T. *see* Yamauchi, H. 26951
Taniguchi, T. *see* Yamauchi, H. 34039
Taniguchi, Y. *see* Inui, A. 35155
Taniguchi, Y. *see* Kimura, Y. 34488
Taniguchi, Y. *see* Onodera, H. 41549
Tanilke, A., Sasao, M., Wada, M., Fujisawa, A., Fujita, J. Energy broadening of an Au^+ ion beam of tandem accelerator 15610
Tanimoto, H. *see* Arai, T. 27055
Tanimoto, H. *see* Koyama, M. 42042
Tanimoto, H. *see* Okumura, M. 18456
Tanimoto, I. *see* Tsukimoto, H. 45545
Tanimoto, M., Kawamura, K., Nakano, H., Asaina, T., Kanai, H., Shoji, M., Tsujimoto, K. 330-series workstation hardware 34088
Taninoto, M., Yamada, A., Wakatsuki, N. Optimal subband filters to maximize coding gain 30056
Tanimoto, M. *see* Yamada, A. 30152
Tanimoto, S. *see* Inoue, Y. 42779
Tanimoto, Y. *see* Saka, T. 23991
Tanin, L.V., Rachkovskii, L.I. The absorptive dual-longwave holographic method of determining absolute surface relief 31457
Tanin, L.V. *see* Aleksandrov, S.A. 12426
Tanin, L.V. *see* Aleksandrov, S.A. 13514
Tanin, L.V. *see* Aleksandrov, S.A. 29050
Tanino, H., Fujikake, H., Nakanishi, H. Creation of a new In-based material by laser irradiation of chalcopyrite-type ternary semiconductors 10679
Tanino, N. *see* Nakahara, K. 1595
Tanioka, K. *see* Yamagishi, T. 30980
Tanir, O., Agarwal, V.K., Bhatt, P.C.P. On the design of real-time telecommunication systems 5662
Tanir, O., Agarwal, V.K., Bhatt, P.C.P. The design of a library support system for a telecommunication system synthesis environment 22405
Tanisako, S. *see* Uwano, Y. 19187
Taniwaki, M. *see* Iyoda, M. 12303
Taniwatari, T. *see* Aoki, M. 11885
Taniwatari, T. *see* Aoki, M. 14597
Taniwatari, T. *see* Aoki, M. 28495
Taniwatari, T. *see* Aoki, M. 38120
Taniwatari, T. *see* Okai, M. 3611
Taniwatari, T. *see* Tsuchiya, T. 9517
Tanizawa, M., Ikeda, M., Kotani, N., Tsukamoto, K., Horie, K. A complete substrate current model including band-to-band tunneling current for circuit simulation 28132
Tanji, A. *see* Nakazawa, N. 6218
Tanji, E. *see* Yoshikawa, H. 45241
Tanji, T. *see* Jun Chen 21099
Tanji, T.M. *see* Helgeson, M.A. 39228
Tanju, M. *see* Jain, P. 24437
Tanke, E., Vretenar, M., Weiss, M. Measurement of the CERN high intensity RFQ 15396
Tanke, E. *see* Amendola, G. 15300
Tankevich, E.N. *see* Stognii, V.S. 31169
Tann, J. *see* Chadwick, B. 31337
Tanne, G., Toutain, S., Favennec, J.F., Jarry, P., Boschet, C. Optimal design of contiguous-band output multiplexers (COMUX) 1445
Tanner, A.L. *see* Barot, D.T. 8257
Tanner, K. *see* Richter, B. 47573
Tanner, P.N. Automotive connectors 42281
Tanner, W. *see* Saner, M. 45735
Tanno, E. *see* Kumagai, N. 40395
Tanno, K. *see* Kumagai, N. 48084
Tanno, M. *see* Tanaka, Y. 27667
Tanno, Y. *see* Ejiogu, E.C. 16863
Tanomura, K. *see* Omata, K. 24630
Tanone, A., Zhang, Z., Uang, C.-M., Yu, F.T.S., Gregory, D.A. Optical beam steering using a liquid-crystal television panel 43553
Tanone, A. *see* Guowen Lu 45142
Tanooka, K. *see* Makikawa, M. 38409
Tanosaki, S. *see* Taniguchi, H. 12035
Tanoue, H. *see* Kanayama, T. 10865
Tanoue, K. *see* Ando, H. 20262
Tanoue, T. *see* Kato, T. 3053
Tanoue, T. *see* Mochizuki, K. 19794
Tanrikulu, O., Constantinides, A.G. Least-mean kurtosis: a novel higher-order statistics based adaptive filtering algorithm 36637
Tansey, R.J. *see* Widen, K.C. 28941
Tansley, T.L. *see* Alexiev, D. 27487
Tansley, T.L. *see* Chin, V.W.L. 10664
Tansley, T.L. *see* Egan, R.J. 34515
Tantaratana, S. *see* Ghanekar, S. 1324
Tantawi, A.N. *see* Akyildiz, I.F. 37143
Tantawi, A.N. *see* Liebeherr, J. 22515
Tantawi, A.N. *see* Spiegel, E.M. 37388
Tantawi, S., Ko, K., Kroll, N. Numerical design and analysis of a compact TE_{10} to TE_{01} mode transducer 46747
Tantawi, S. *see* Lawson, W. 6872
Tantawi, S. *see* Ruth, R.D. 46776
Tantawy, A.N., Zitterbart, M. A scheme for high-performance LAN interconnection across public MAN's 22509
Tantillo, L.A. *see* Bursh, T.P., Jr. 22856
Tanuma, H. *see* Aida, T. 19284
Tanvir, M.S.K. *see* Sait, S.M. 35043
Tanxin Zhang *see* Zhang Tanxin
Tanyel, M., Lee, K.Y., Chey, W.Y., Chitrapu, P.R. Multistage enhancement of surface recordings of canine gastric electrical signals 7439
Tanzi, N., Wong, T.T.Y. Series and parallel resonant microwave oscillator design and realization using computer-aided design programs 10474
Tanzini, M. *see* Harbi, A. 25250
Tao, G., Girwar, B.S., Landweer, G.E.N., Zeman, M., Metselaar, J.W. Enhanced light absorption in a-Si:H layers of solar cells by applying TCO/metal back contacts 33062
Tao, G., Zeman, M., Metselaar, J.W. Modeling of a-Si:H solar cells on V-grooved glass substrates 33055
Tao, I.W., Jurkovic, M., Wang, W.I. Doping of ZnTe by molecular beam epitaxy 41356
Tao, I.W. *see* Freiler, M.B. 10963
Tao, J., Cheung, N.W., Hu, C. Metal electromigration damage healing under bidirectional current stress 43114
Tao, J., Hong, N., Yu, S., Chen, L., Chen, Y. The effect of the 'unnecessary' inductance in the variable speed control AC machine systems 40117
Tao, J., Rao, R., Liuzzo, J. Microwave heating for rice bran stabilization 17608
Tao, J. *see* Hu, C. 2210
Tao, J.-W., Angenieux, G., Flechet, B. Fullwave description of propagation and losses in quasiplanar transmission lines by quasi-analytical solution 4207
Tao, J.-W., Angenieux, G., Flechet, B. Accurate and fast characterization of a class of quasiplanar structures 29252
Tao, J.-W., Angenieux, G., Flechet, B., Baudrand, H. Multimodal variational analysis of quasiplanar waveguide discontinuities 27123
Tao, V. *see* Nunes, M.S. 14288
Tao, X.T. *see* Liu, M.G. 28424
Tao, X.T. *see* Watanabe, T. 44110
Tao, Y., Yelon, A., Sacher, E. Electronic properties of InP(100)-(1×1)-S surface 34509
Tao, Y. *see* Xu, J. 11714
Tao, Y.M., Fang, D.G., Li, X.G. Full-wave hybrid-mode analysis of general structure of coplanar waveguides by using the method of lines 29239
Tao Chen *see* Chen Tao
Tao Hai *see* Hai Tao
Tao Hen-Wai *see* Hen-Wai Tao
Tao Hong *see* Wenli Xu 13705
Tao Hong *see* Wenli Xu 13719
Tao Hu *see* Hu Tao
Tao Huang *see* Huang Tao
Tao Jiang *see* Jiang Tao
Tao Jin *see* Jin Tao
Tao Jing-Guang *see* Yang Kun-Tao 38675
Tao Liu *see* Liu Tao
Tao Lou *see* Lou Tao
Tao Lu *see* Lu Tao
Tao Luo *see* Luo Tao
Tao Shen *see* Shen Tao
Tao Wang, Xiaoliang Xing, Xinhua Zhuang Robust surface reconstruction without stereo correspondences 13714
Tao Wang *see* Wang Tao
Tao Xiang *see* Xiang Tao
Tao Xinzi *see* Zheng Fang 18309
Tao Xutang *see* Hou Wenbo 9501
Tao Xutang *see* Zhang Nan 12320
Tao Zengyi *see* Zeng Xiaoyan 12494
Tao Zuchong *see* Hui Zhongxi 43693
Taoka, H. *see* Sato, N. 24620
Taouk, M. *see* Ebong, A.U. 33026
Taouk, M. *see* Zhao, J. 20534
Tapfer, L. *see* Lutgen, S. 9644
Tapia-Recillas, H. *see* Renteria, C. 12852
Tapia-Stocker, C., Benicourt, A., Losco, J. FIRCO: the intelligent transformation of D fields into A fields 5578
Tapiovaara, M.J. SNR and noise measurements for medical imaging. II. Application to fluoroscopic X-ray equipment 31871
Taplamacioglu, M.C. *see* Bouziane, A. 46342
Tapp, W.N. *see* Bergen, M.T. 24147
Tapper, M. *see* Tomsovic, K. 25495
Tapprogge, S. *see* Baur, R. 46897
Tapson, J., Greene, J.R. Improved capacitance measurement by means of resonance locking 31381
Taqqu, M.S. *see* Leland, W.E. 30381
Taquin, J. *see* Souza, M. 15815
Tarach, D., Trenkler, G. High-accuracy *N*-port impedance measurement by means of modular digital AC compensators 6728
Tarakanov, E.A. *see* Yushin, N.K. 11417
Tarakanov, N.M. *see* Ageev, A.I. 15546
Taranenko, N. *see* Barry, C. 30392
Taranenko, V.B. *see* Bazhenov, V.Yu. 3801
Taranenko, V.B. *see* Bazhenov, V.Yu. 12344
Taranenko, V.B. *see* Bazhenov, V.Yu. 12362
Taranenko, V.B. *see* Bazhenov, V.Yu. 21027
Taranenko, V.B. *see* Korchemskaya, E.Y. 13515

Taranenko, Y.N., Inan, U.S., Bell, T.F. Interaction with the lower ionosphere of electromagnetic pulses from lightning: heating, attachment, and ionization 12618
Taranov, S.G. *see* Velichko, O.N. 29673
Tarantola, C. *see* Attardo, F. 44436
Taranukha, A.A. *see* Simson, E.A. 24543
Taranukhin, V.D. *see* Platonova, E.V. 11952
Tarapov, S.I. *see* Vertiy, A.A. 21035
Taras, P. *see* Savard, P. 31670
Tarascon, J.M. *see* Ramesh, R. 11372
Tarascon, J.M. *see* Robinson, R.S. 48086
Tarascon, M. *see* Guyomard, D. 8741
Tarascon, R.G. *see* Farrow, R.C. 27894
Tarasenko, A. *see* Efimov, S. 15384
Tarasenko, A. *see* Gladkikh, P. 15400
Tarasenko, A. *see* Zelinsky, A. 7037
Tarasenko, A.F. *see* Golovinsky, P.M. 46813
Tarasenko, A.F. *see* Goretsky, V.P. 38821
Tarasenko, V.F., Mel'chenko, S.V., Panchenko, A.N., Evtushenko, G.S. Control of the XeCl- and KrCl-lasers emissions parameters and frequency conversion of UV radiation in the hydrogen and lead vapor cells using stimulated Raman effect 21060
Tarasenko, V.F. *see* Abdullin, E.N. 3429
Tarasenko, V.F. *see* Boichenko, A.M. 17589
Tarasenko, V.F. *see* Kopylova, T.N. 3468
Tarasenko, V.F. *see* Kuznetsov, A.A. 3421
Tarasenko, V.F. *see* Panchenko, A.N. 3430
Tarasko, M.Z. *see* Dyachenko, P.P. 20641
Tarasov, I.S. *see* Andreeva, E.I. 35802
Tarasov, I.S. *see* Huhse, D. 28829
Tarasov, V.P. *see* Buinitskii, B.A. 8092
Tarassenko, L. *see* Tombs, J. 10378
Taratorin, A.M., Sideman, S. On the equivalence of nonlinear positive feedback circuits to constrained iterative signal reconstruction algorithms 13287
Taratorin, A.M., Sideman, S. Constrained regularized differentiation 36991
Taratrin, A.M., Sideman, S. Iterative algorithm for image filtering utilizing image-and noise-related information 13605
Tarchenko, V.P. *see* Ivashchenko, A.I. 1944
Tarchioni, L. *see* Salvatore, L. 16825
Tardini, C. *see* Gonzalez Soto, O. 22452
Tardio, G.R. *see* Buehler, M.G. 35072
Tardy, J. *see* Kadoun, A. 19350
Tare, R.S. *see* Verma, H.K. 7806
Tare, V.B. *see* Shamsuddin, M. 19343
Tarela, J.M. *see* del Campo, I. 18759
Targ, R. *see* Hawley, J.G. 7602
Targonski, S.D., Pozar, D.M. Wideband circularly polarized aperture-coupled microstrip antennas 44563
Targowski, A.S. *see* Janczewski, L.J. 30272
Taricco, G. *see* Elia, M. 36562
Tariq, S., Palais, J.C. A computer model of non-dispersion-limited stimulated Raman scattering in optical fiber multiple-channel communications 43406
Tariq, W., Pereira, N., Bourbakis, N. A real-time image processing system based on an ASIC and area image sensor 6369
Tarko, N.J. *see* Harris, E.L. 32440
Tarkovsky, E. *see* Young, K.G. 7242
Tarling, R., Rohwer, R. Efficient use of training data in the n-tuple recognition method 13573
Tarn Chen-Wen *see* Chen-Wen Tarn
Tarnanen, H., Tietavainen, A. A simple method to estimate the maximum nontrivial correlation of some sets of sequences 36469
Tarnick, S. *see* Hellebrand, S. 1159
Tarnowska, E. *see* Jaworska, D. 19491
Tarof, L.E., Yu, J., Baird, T., Bruce, R., Knight, D.G. Temperature measurements of separate absorption, grading, charge, and multiplication (SAGCM) InP/InGaAs avalanche photodiodes (APD's) 20524
Taroni, A. *see* Crescini, D. 46345
Tarr, N.G. *see* Sing-Pin Tay 1913
Tarr, N.G. *see* Winterton, S.S. 27580
Tarr, N.G. *see* Wylie, I.W. 2658
Tarr, T.F., Farsaie, A. Artificial neural system development for airborne acoustic signature classification 6160
Tarrant, D. *see* Fredric, C. 48141
Tarrant, D.R. A new teletext decoder with advanced OSD features for wide screen TV 5439
Tarrel, R.J. *see* Chappell, S.L. 15942
Tarricone, L. *see* Arena, C. 9638
Tarridec, A. *see* Lemonier, M. 45700
Tarrio, C. *see* Benitez, E.L. 43627
Tarrio, C. *see* Gutman, G. 28582
Tarroja, M.F.H. *see* Staliunas, K. 3411
Tarsa, E.J. *see* Fork, D.K. 28309
Tarsia, M.J. *see* Liu, T.M. 20025
Tartachnaya, M.V. *see* Gorkunov, E.S. 41526
Tartaglia, M. *see* Chiampi, M. 48013
Tartaglia, P. *see* Marini, M. 39007
Tartagni, M., Perona, P. Computing centroids in current-mode technique 1348
Tartarelli, F. *see* Amidei, D. 46890
Tartarelli, F. *see* Bedeschi, F. 38912
Tartarelli, F. *see* Tkaczyk, S. 46989
Tartari, A., Casnati, E., Fernandez, J.E., Felsteiner, J., Baraldi, C. Photon backscattering tissue characterization by energy dispersive spectroscopy evaluations 39017
Tarte, B.J., Van Doorn, T. Absorbance measurement with a helium-neon laser for chemical dosimetry 7508
Tartoni, N. *see* Beaumont, S.P. 15637
Tartoni, N. *see* Fabeni, P. 6307
Tartter, V.C. *see* Blamey, P.J. 15918
Tartwijk, G.H.M.van *see* van Tartwijk, G.H.M.
Tarucha, S., Honda, T., Saku, T., Tokura, Y. Charging effects in small-area modulation-doped double-barrier heterostructures 42533
Tarucha, S. *see* Bever, T. 34573
Tarucha, S. *see* Hirayama, Y. 1879
Tarucha, S. *see* Itoh, M. 42478
Tarui, H. *see* Maruyama, E. 33052
Tarui, H. *see* Ninomiya, K. 8780
Tarui, H. *see* Terakawa, A. 17402
Tarui, H. *see* Tsuda, S. 33064
Tarui, Y. Flash memory features simple structure, superior integration 1223
Tarui, Y. *see* Hatayama, T. 41364
Tarui, Y. *see* Shinohara, T. 2556
Tarumoto, Y. *see* Takahashi, N. 45451
Tarusawa, Y., Yamao, Y., Nojima, T. Twin counter digital loop preset frequency synthesizer (TC-DLPS) 18513
Tas, N.R. *see* Lammerink, T.S.J. 6390
Tasaka, E. *see* Hashizume, M. 10210
Tasaka, K. *see* D'Auria, F. 16595
Tasaka, S. *see* Fuwa, Y. 30447
Tasaka, S. *see* Suzuki, T. 30217
Tasaka, S. *see* Suzuki, T. 30461
Tasaka, S. *see* Suzuki, T. 30600
Tasaki, Y. *see* Kim, H.J. 40630
Tasch, A. *see* Kinosky, D. 33699
Tasch, A. *see* Kinosky, D. 34737
Tasch, A. *see* Kinosky, D.S. 10962
Tasch, A. *see* Qian, R.Z. 9587
Tasch, A.F., Yang, S.-H., Morris, S., Lim, D. Experimental observations and modeling of ultra-shallow BF_2 and As implants in single-crystal silicon 42613
Tasch, A.F. *see* Hareland, S.A. 2533
Tasch, A.F. *see* Sudhama, C. 10186
Tasch, A.F. *see* Yue, C. 19822
Taschek, W.G., Starkovich, E.G., Jacobs, R. Fuel cells for mobile electric power 40070
Taschner, P. *see* Bohm, C. 2645
Tascillo, M.A. *see* Skormin, V.A. 14556
Tascillo, M.A. *see* Skormin, V.A. 14653
Tasei, K. *see* Yamada, K. 16055
Tashima, H. *see* Tanaka, K. 21333
Tashiro, H. *see* Aoyama, T. 19829
Tashiro, H. *see* Hatanaka, H. 11969
Tashiro, H. *see* Hatanaka, H. 12295
Tashiro, H. *see* Suda, A. 12029
Tashiro, H. *see* Suda, A. 20996
Tashiro, H. *see* Wada, S. 20682
Tashiro, H. *see* Wada, S. 35986
Tashiro, S. *see* Itoh, T. 10532
Tashiro, T. *see* Kitahata, H. 10508
Tashkhodzhaeva, S.T. *see* Mirzabaev, M. 25677
Tashkhodzhaeva, S.T. *see* Mirzabaev, M. 40478
Tashpulatov, K.Z. *see* Azamatov, Z.T. 35512
Tasker, P. *see* Haydl, W.H. 27260
Tasker, P. *see* Hulsmann, A. 27315
Tasker, P.J., Reinert, W., Hughes, B., Braunstein, J., Schlechtweg, M. Transistor noise parameter extraction using a 50 Ω measurement system 6768
Tasker, P.J., Schlechtweg, M., Braunstein, J. On-wafer single contact S-parameter measurements to 75 GHz: calibration procedure and measurement system 31401
Tasker, P.J. *see* Braunstein, J. 19142
Tasker, P.J. *see* Braunstein, J. 27263
Tasker, P.J. *see* Pletschen, W. 11897
Tasker, P.J. *see* Ralston, J.D. 12149
Tasker, P.J. *see* Ralston, J.D. 12243
Tasker, P.J. *see* Schlechtweg, M. 19143
Tasker, P.J. *see* Schlechtweg, M. 42234
Tasker, S. Simplifying MCM design lessons learned are making MCMs easier to adopt 40925
Taskin, T. *see* Missous, M. 19417
Taskov, B.T. *see* Khadjiivanov, L.P. 13880
Tassano, J.B. *see* Payne, S.A. 20731
Tassano, J.B. *see* Payne, S.A. 43787
Tasselli, T. *see* Neri, A. 36969
Tassey, G. *see* Link, A.N. 171
Tassin, N. *see* Bronoel, G. 17208
Tassiulas, L., Ephremides, A. Dynamic scheduling for minimum delay in tandem and parallel constrained queueing models 30614
Tassoni, C. *see* Filippetti, F. 16834
Tassoni, C. *see* Franceschini, G. 8387
Tassoni, C. *see* Gentile, G. 47867
Tassou, S.A., Votsis, P.P., Keravnou, C. The viability of combined heat and power generation in Cyprus 39957
Tassy, Y. *see* Truong, J.P. 11995
Tastet, P. *see* Roubaud, F. 34986
Tastl, I., Purgathofer, W. An interactive tool for the visualization of cathode-ray tube monitor gamuts 23786
Tat Pham Trung *see* Trung Tat Pham
Tat Tsui Hung *see* Hung Tat Tsui
Tat-Chung Chan *see* Chan, C. 29542
Tatakis, E. *see* Bertha, F. 2434
Tatam, R.P. *see* Duffy, C.J. 11601
Tatam, R.P. *see* Khan, O.S. 3825
Tatam, R.P. *see* Khan, O.S. 23553
Tatara, Y. *see* Kageyama, M. 10970
Tatarchuk, B.T. *see* Johnson, B.A. 32996
Tatarenko, S. *see* Bassani, F. 10848
Tatarintsev, V.M. *see* Voron'ko, Yu.K. 28786
Tatashev, A.G. *see* Maslova, E.A. 476
Tatchyn, R. Simple approximations to transverse wiggler spectra integrated over finite apertures in the wiggle plane 7315
Tatchyn, R. *see* Pellegrini, C. 44002
Tate, A. *see* Chen, Y.K. 28487
Tate, A. *see* Chen, Y.K. 42880
Tate, A. *see* Sugimoto, N. 3234
Tate, J.P., Guo, H., Naiman, M., Chen, L., Granatstein, V.L. Effect of mode launcher geometry on the performance of a mode-selective input coupler for a gyrotron amplifier 18972
Tate, K., Ze-Nian Li Depth map construction from range-guided multiresolution stereo matching 36980
Tate, M. *see* Fowler, C. 45409
Tate, P.C.Miller *see* Miller Tate, P.C.
Tateda, M. *see* Ohashi, M. 2968
Tateda, M. *see* Ohashi, M. 43409
Tateda, M. *see* Tanifuji, T. 35386
Tateda, M. *see* Tsujikawa, K. 35303
Tatefuku, T. *see* Ohtake, K. 25714
Tateiba, M., Kakura, Y. Analysis of scattering from a conducting circular cylinder in turbulent media 12551
Tateiba, M., Nanbu, Y. Condition for random distribution of many dielectric spheres to be random for a coherent field 21224
Tateiba, M., Nanbu, Y., Oe, T. Numerical analysis of the effective dielectric constant of the medium where dielectric spheres are randomly distributed 21200
Tateiba, M. *see* Fujisaki, K. 45037
Tateiber, M. *see* Nanbu, Y. 12553
Tateishi, A. *see* Kawai, T. 7963
Tateishi, A. *see* Tamura, T. 24296
Tateishi, H. *see* Arai, K. 2882
Tatezono, F., Harada, T., Shimizu, Y., Ohara, M., Irie, M. Photochromic rewritable memory media: a new nondestructive readout method 2938
Tatham, M.C., Sherlock, G., Westbrook, L.D. Compensation fibre chromatic dispersion by optical phase conjugation in a semiconductor laser amplifier 6050
Tatham, M.C., Sherlock, G., Westbrook, L.D. Compensation of fibre chromatic dispersion by mid-way spectral inversion in a semiconductor laser amplifier 35419
Tatham, M.C., Sherlock, G., Westbrook, L.D. 20-nm optical wavelength conversion using nondegenerate four-wave mixing 44090
Tatham, M.C. *see* Patrick, D.M. 38031
Tatlock, T. *see* Stanley, R. 37767
Tatoian, J. *see* Dutt, R.B. 12549
Tatoulis, J. *see* Young, M.R. 24302
Tatro, P.J., Adamson, K.A., Eitzmann, M.A., Smead, M. Power line carrier interference from HVDC converter terminals 14369
Tatsos, P. *see* Penot, J.M. 1719
Tatsuki, T., Nakamura, H., Sugimoto, S., Okada, M., Homma, M. Enhancement of the magnetic properties of Sm-Fe and Nd-Fe-N alloys with $ThMn_{12}$ structure by utilizing HDDR phenomena 43268
Tatsumi, D. *see* Kruger, A. 38860
Tatsumi, K. *see* Asada, E. 39976
Tatsumi, T., Fukuda, S., Kadomura, S. Etch rate acceleration of SiO_2 during wet treatment after gate etching 27695
Tatsumi, T. *see* Aoyama, T. 42403
Tatsumi, T. *see* Sakai, A. 18169
Tatsuno, K. Present and future autonomous robots for maintenance and inspection 47650
Tatsuno, K. *see* Helmfrid, S. 43774
Tatsuo Itoh *see* Yaozhong Liu 21331
Tatsuo Nozaki *see* Tatsuo Torii 46883
Tatsuo Torii, Tatsuo Nozaki, Hideki Ando Calculations of ionization efficiency of gas-flow type ionization chamber 46883
Tatsuoka, H. *see* Nakanishi, Y. 3348
Tatsuoka, S. *see* Ito, S. 17127
Tatsuta, T. *see* Murawala, P.A. 34627
Tatsuta, T. *see* Tani, Y. 27854
Tatsuura, S. *see* Sotoyama, W. 28502
Tatsuyama, C. *see* Tamagawa, T. 27561
Tatt Chan Gaik *see* Chan Gaik Tatt
Tatt Gan Huat *see* Huat Tatt Gan
Tattersall, C., Groote, J.G., Moise, J.L., Pazuelo, G. The customer requirements capture application a decision support system for the identification of services satisfying enterprise-wide telecommunications needs 37234
Tattersall, G. *see* Ambikairajah, E. 13048
Tattersall, G. *see* Ambikairajah, E. 29518
Tattersall, G.D., Yi, K. Packed hyper-ellipsoid classifiers 45060
Tattje, H. *see* Hoeksema, F. 14785
Taub, S.R. *see* Simons, R.N. 1400
Taube, A.L. *see* Avakian, R.S. 31967
Taubenblatt, M.A., Batchelder, J.S. Detection and refractive index identification of sub-micron particles on surfaces 6826

Tauber, D.A., Spickermann, R., Nagarajan, R., Reynolds, T., Holmes, A.L., Jr., Bowers, J.E. Inherent bandwidth limits in semiconductor lasers due to distributed microwave effects 43857
Taubin, A. *see* Kishinevsky, M. 33978
Taubin, A.R. *see* Kishinevsky, M.A. 41603
Tauc, P. *see* Couprie, M.E. 43983
Taudt, W., Hermans, J., Schneider, A., Woitok, J., Geurts, J., Heuken, M. Plasma-enhanced MOVPE and nitrogen doping of ZnSe 33609
Taufiq, J.A. Advanced inverter drives for traction 8921
Taufiq, J.A., Shen, J. Frequency domain modelling of traction PWM converters 8930
Taufiq Ja *see* Ja Taufiq
Taur, J.S. *see* Kung, S.Y. 4636
Taur, R.R. *see* Chang, J.F. 37917
Taur, Y., Yuh-Jier Mii 0.1 μm CMOS and beyond 20000
Taur, Y. *see* Mii, Y. 43122
Taur, Y. *see* Rishton, S.A. 28164
Taura, T. *see* Yugami, H. 23952
Taurok, A. *see* Bozzoli, W. 38923
Tauschitz, J. *see* Schrofelbauer, H. 47699
Tauschwitz, A., Boggasch, E., Dietrich, K.-G., Hoffmann, D.H.H., Laux, W., Wahl, H., Tkotz, R., Stetter, M. Beam test of a plasma lens for heavy ion beam focusing 7017
Tauschwitz, A., Boggasch, E., Hoffmann, D.H.H., de Magistris, M., Neuner, U., Stetter, M., Tkotz, R., Wagner, T., Seelig, W., Wetzler, H. The plasma lens solution for heavy-ion beam focusing 31573
Tauschwitz, A. *see* Boggasch, E. 7018
Tauschwitz, A. *see* Braun, H. 7110
Tauschwitz, A. *see* De Magistris, M. 31564
Tauschwitz, A. *see* Spiller, P. 31572
Tautenhahn, U. *see* Schroter, T. 33561
Tautges, T. *see* Yasar, O. 25185
Tautscher, C.J. Aqueous cleaning—process design for the environment 27383
Tavakoli, M. *see* Swann, P. 46179
Tavangarian, D. *see* Elm, C. 10157
Tavares, J.M. *see* Girard, T.A. 24043
Tavares, M.C. *see* Portela, C.M. 24936
Tavares, P. *see* Liu Lin 15684
Tavares, P.F. Ion clearing in the LNLS UVX-2 soft X ray source 7109
Tavares, S. *see* Detombe, J. 21565
Tavares, S. *see* Orton, G. 12918
Tavares, S.E. *see* Nieh, B.B. 12955
Tavares, S.E. *see* Sivabalan, M. 12928
Tavartkiladze, Z.R. *see* Beridze, D.L. 12922
Tavella, P., Premoli, A. Estimating the instabilities of N clocks by measuring differences of their readings 46644
Tavella, P. *see* Bava, E. 23385
Taverna, M. *see* Baccetti, B. 37720
Taverner, D. *see* Laming, R.I. 38005
Tavkina, T.P. *see* Kostin, N.A. 9038
Tavlykaev, R., Kuckelhaus, K., Voges, E. Index profile reconstruction of Ti:$LiNbO_3$ structures and bending loss evaluation from near-field measurements 43477
Tavoni, R., Santarossa, G. Research activities at ENEA on innovative reactors 39894
Tavormina, J.J., Buckley, S. Three-dimensional gauging via sensor fusion 6808
Tavormina, J.J. *see* Buckley, S. 23902
Tawa, T. *see* Fukuda, H. 27843
Tawada, M. *see* Saka, T. 23991
Tawara, Y. *see* Kunieda, H. 15683
Tawel, R. Learning in analog neural network hardware 1357
Tawel, R. Real-time focal-plane image compression 4853
Tawfik, A.N., Vilar, E. X-band transhorizon measurements of CW transmissions over the sea—Part I: path loss, duration of events, and their modelling 36173
Tawfik, A.N. *see* Shen, X. 4095
Tawfik, T., Tsatsaronis, G., Price, D. Performance comparisons of IGCC power plants 40002
Tawney, R. *see* Boswell, M. 25234
Tawney, R.K. *see* Ugolini, D.J. 8217
Taxil, P. *see* Khalidi, A. 33015
Tay, A.A.O., Tan, G.L., Lim, T.B. A criterion for predicting delamination in plastic IC packages 33401
Tay, C.J., Shang, H.M., Chau, F.S., Toh, S.L. Curvature measurement of hydroformed axisymmetrical shells using shearography 29077
Tay, C.J., Shang, H.M., Poo, A.N., Luo, M. On the determination of slope by shearography 44185
Tay, D.B.H., Kingsbury, N.G. Modulated filter banks in multidimensions with arbitrary sampling lattices 10331
Tay, D.B.H., Kingsbury, N.G. Flexible design of multidimensional perfect reconstruction FIR 2-band filters using transformations of variables 13623
Tay, F.T.L. *see* Ngoi, B.K.A. 2285
Tay, S.Y. *see* Kam, P.Y. 36477
Tay Sing-Pin *see* Sing-Pin Tay
Tay-Her Tsaur, Kwang-Cheng Chen, Chenhsin Lien, Ming-Tang Shih, Tzeng, C.P.J. A nondirective infrared transceiver for indoor high speed wireless data communication 38071
Taya, H. *see* Ohzawa, K. 11594
Tayal, M. *see* Lau, J.H.K. 32624
Tayebati, P. High contrast, high reflectivity, optical modulator using the Franz-Keldysh effect in a thin film of GaAs 11679
Tayebati, P., Jauniskis, L. Novel self-electro-optic device using bulk Franz-Keldysh effects in an n^+-GaAlAs-GaAs-Ag asymmetric Fabry-Perot device structure 35479
Tayebi, N., Kavehrad, M. Laser nonlinearity compensation for radio subcarrier multiplexed fiber optic transmission systems 14656
Tayli, M. *see* Benmaiza, M. 37073
Tayloe, R. *see* Sarwar, S. 31698
Taylor, A.G. *see* Pemble, M.E. 26436
Taylor, A.J., Gosnell, T.R., MacPherson, D.C., Fulton, R.D., Kyrala, G.A., Wahlin, E.K., Cobble, J.A., Schappert, G.T., Jones, L.A. High intensity, subpicosecond XeCl laser: laser physics and X-ray generation 20625
Taylor, A.P., Kim, B.M., Persans, P.D., Schowalter, L.J. Si and Ge nanocrystallites embedded in CaF_2 by molecular beam epitaxy (MBE) 18229
Taylor, A.S. History of the vestigial sideband 36492
Taylor, B. *see* Gedeon, R. 32676
Taylor, B. *see* Kim, K.-J. 43996
Taylor, B. *see* Schonfelder, V. 7146
Taylor, B.E. A new converter topology; uniquely suited to high output voltage applications 32914
Taylor, B.E. Ultrafast second generation IGBTs for SMPS and battery traction applications 32927
Taylor, B.E. *see* Dokopoulos, G. 40541
Taylor, B.E. *see* Liu, F.T. 19255
Taylor, B.G. Multichannel optical fibre distribution system for LHC detector timing and control signals 46982
Taylor, B.K. *see* Miller, R.W. 16475
Taylor, C.A. *see* Doll, G.L. 9576
Taylor, C.A., II *see* Kidner, S. 41463
Taylor, C.D. *see* Cox, B.L. 12645
Taylor, C.D. *see* Donohoe, J.P. 44549
Taylor, C.D., Jr. *see* Elsherbeni, A.Z. 21197
Taylor, C.J. *see* Bekefi, G. 43698
Taylor, C.J. *see* Cootes, T.F. 38962
Taylor, C.R. *see* Chandan, H.C. 5914
Taylor, C.R. *see* Kathiresan, K. 14589
Taylor, C.W. Solving bulk transmission system security problems with distribution automation 7929
Taylor, C.W., Mechenbier, J.R., Matthews, C.E. Transient excitation boosting at Grand Coulee Third Power plant: power system application and field tests 25375
Taylor, D., Evans, P.S.A., Pritchard, T.I. Transient response testing of mixed-signal ASICs 18900
Taylor, D. *see* Butler, I.C. 27094
Taylor, D. *see* Butler, I.C. 42082
Taylor, D. *see* Fenn, S.T.J. 4416
Taylor, D. *see* Sheppard, S.J. 31858
Taylor, D.J., Larsen, P.K., Cuppens, R. Effects of disturbing pulses on the switchable polarization of $Pb(ZrTi)O_3$ thin film capacitors 35193
Taylor, D.J. *see* Triantafillou, P. 37145
Taylor, D.P. *see* Todd, T.D. 14195
Taylor, D.S., Jain, M.K., Cale, T.S., Fissel, M.G., Raaijmakers, I.J. Conformality of collimated sputter deposited Ti films 802
Taylor, D.W., Villas-Boas, V., Lu, Q., Rossignol, M.F., Missell, F.P., Givord, D., Hirosawa, S. Coercivity analysis in $R_{17}Fe_83-x)B_x$ magnets 35218
Taylor, D.W. *see* MacDowell, A.A. 27832
Taylor, E.J. *see* Anderson, E.B. 33010
Taylor, E.R. *see* Morkel, P.R. 3564
Taylor, E.R. *see* Ye, C.C. 28801
Taylor, E.V. Recording systems for news 30975
Taylor, E.W. Radiation effects in guided wave devices 3097
Taylor, E.W., Sanchez, A.D., DeWalt, S.A., Padden, R.J., Chapman, S.P., Monarski, T.W., Craig, D.M., Page, D.J. Radiation induced effects in acousto-optic devices 11711
Taylor, F.E. *see* Kendall, H.W. 46970
Taylor, F.E. *see* Korytov, A. 31775
Taylor, F.E. *see* Korytov, A. 46949
Taylor, F.J., Mellott, J.D., Strom, E., Koren, I., Lewis, M. High-performance wavelet engine 21832
Taylor, F.J. *see* Hyland, J.C. 7674
Taylor, F.W. *see* Calcutt, S.B. 24493
Taylor, F.W. *see* Irwin, P.G.J. 28578
Taylor, G. *see* Nicosia, J. 47188
Taylor, G. *see* Wheeler, D.R. 27958
Taylor, G.A. *see* Baumgartner, W.D. 19107
Taylor, G.D. *see* Egger, A.G. 18071
Taylor, G.E., Bell, I.M., Miller, P., Compton, J. Testing of mixed signal (analogue and digital) circuits (ASIC and board level) using current monitoring techniques 27093
Taylor, G.E., Toumazou, C., Wrighton, P., Battersby, N. Mixed signal test considerations for switched current signal processing 10352
Taylor, G.E. *see* Arslan, T.S. 10559
Taylor, G.E. *see* Eckersall, K.R. 10354
Taylor, G.E. *see* Kadim, H.J. 41759
Taylor, G.E. *see* Wrighton, P.J. 26673
Taylor, G.N., Hutton, R.S., Stein, S.M., Boyce, C.H., La Fontaine, B., MacDowell, A.A., Wood, O.R., II, Wheeler, D.R., Kubiak, G.D. Silylated positive tone resists for EUV lithography at 14 nm 28037
Taylor, G.N., Hutton, R.S., Stein, S.M., Katz, H.E., Schilling, M.L., Putvinski, T.M. Self-assembly: its use in at-the-surface imaging schemes for microstructure fabrication in resist films 28033
Taylor, G.N. *see* Bates, S. 24057
Taylor, G.N. *see* Borer, K. 7221
Taylor, G.W., Kiely, P.A. Theoretical and experimental results for the inversion channel heterostructure field effect transistor 11887
Taylor, G.W. *see* Daryanani, S.L. 23597
Taylor, G.W. *see* Kiely, P.A. 43026
Taylor, G.W. *see* Micovic, M. 28808
Taylor, H. *see* Moreno, O. 44856
Taylor, H.F. *see* Atkins, R.A. 46469
Taylor, H.F. *see* Gopalakrishnan, G.K. 27228
Taylor, H.F. *see* Jong-Dug Shin 35408
Taylor, H.F. *see* Kwark, B. 35968
Taylor, H.H., Chin, D., Jessup, A.W. A MPEG encoder implementation on the Princeton Engine video supercomputer 4855
Taylor, J. Voltage and current measuring relays 39657
Taylor, J., McAllister, D.F. Interactive manipulation of quadric surfaces in stereo 22243
Taylor, J., Preston, J., Sawyer, D., Cheng, L.P. A high productivity, low smoke, zero halogen compound for sheathing power and telecommunication cables 5694
Taylor, J.A. *see* Roy, P.K. 19430
Taylor, J.C. *see* Beare, A.N. 39905
Taylor, J.D. *see* Chiaramonte, F.P. 32040
Taylor, J.E. *see* Avdeichikov, V.V. 7239
Taylor, J.F., Tong, Q.K., Farris, R.J. Effect of ultraviolet curing temperature on the state of stress and mechanical properties of photoresists 11004
Taylor, J.F., Tong, Q.K., Farris, R.J. A comparison between equilibrium cooling and thermal shock [of photoresists] 11005
Taylor, J.R. Ultrashort pulse generation in bulk and fibre lasers 12088
Taylor, J.R., Olson, T.J. Precise vergence control in complex scenes 4978
Taylor, J.R., Stolz, C.J. High-efficiency high-reliability optical components for a large, high-average-power visible laser system 28929
Taylor, J.R. *see* Chernikov, S.V. 3759
Taylor, J.R. *see* Chernikov, S.V. 12084
Taylor, J.R. *see* Chernikov, S.V. 43388
Taylor, J.R. *see* French, P.M.W. 20680
Taylor, J.R. *see* Guy, M.J. 12067
Taylor, J.R. *see* Mellish, P.M. 35718
Taylor, J.R. *see* Noske, D.U. 3562
Taylor, J.R. *see* Noske, D.U. 20666
Taylor, J.R. *see* Pandit, N. 28898
Taylor, J.R. *see* Stolz, C.J. 3295
Taylor, J.T. *see* Visocchi, P.M. 18505
Taylor, J.W. *see* Calvert, J.M. 2309
Taylor, J.W. *see* Pan, S.-W. 27968
Taylor, J.W. *see* Reilly, M.T. 11078
Taylor, J.W. *see* Suh, D. 27969
Taylor, J.W. *see* Sullivan, M. 27963
Taylor, J.Welch *see* Welch Taylor, J.
Taylor, K.N. *see* Sinor, T.W. 7309
Taylor, K.N.R. *see* Qiu, J.E. 6827
Taylor, L. *see* Filanovsky, I.M. 10030
Taylor, L. *see* Filanovsky, I.M. 18544
Taylor, L. *see* Lindgren, R. 29851
Taylor, L.A. Use of negotiated rulemaking in developing technical rules for low-earth orbit mobile satellite systems 37735
Taylor, L.H. A concept for open path air pollution monitoring 39405
Taylor, L.L. *see* Dworkin, L.U. 14488
Taylor, L.S. *see* Chow, M. 16486
Taylor, L.S. *see* Chow, M.-y. 25059
Taylor, L.S. *see* Mo-Yuen Chow 32464
Taylor, M. *see* Riley, S. 16213
Taylor, M.F., May, R. Leak sealing on ancillary cooling circuits of Candu reactors 16554
Taylor, M.G. Observation of new polarization dependence effect in long haul optically amplified system 37986
Taylor, M.R.S. *see* Cameron, N.I. 28210
Taylor, N. *see* Bride, J.A. 18303
Taylor, P. *see* Lucas, N. 24746
Taylor, P.C. *see* Gaughan, K. 27627
Taylor, P.C. *see* Li, Q. 26497
Taylor, P.G. *see* Chlebus, E. 37101
Taylor, P.G. *see* Coyle, A.J. 22372
Taylor, P.L. The use of Global Positioning Satellites in the location of lightning storms as used by the Met Office's arrival time difference Sferics detection system 47264
Taylor, P.M. *see* Monkman, G.J. 23515
Taylor, R. Multi-site voting equipment 37849
Taylor, R., Hart, T. Performance and testing of compact 1×6 'monolithic' couplers 35345
Taylor, R. *see* Migdal, R. 23472
Taylor, R.A. *see* Stevens, C.J. 42514
Taylor, R.J. Computer design and evaluation of recursive digital filters for use with physiological data 47037
Taylor, R.M. *see* Smith, R.A. 47176

Taylor, R.P., Feng, Y., Sachrajda, A.S., Adams, J.A., Davies, M., Coleridge, P.T., Zawadski, P. Fabrication and characterisation of multi-level lateral nano-devices 42781
Taylor, R.P. *see* Mellor, C.J. 42720
Taylor, R.P. *see* Sachrajda, A. 42532
Taylor, S., Nelson, S., Abidi, A.A., Podell, A.F., Fenk, J., Young, J.P., McDonald, M.D., Bayruns, R. Silicon vs GaAs for personal communication RF ICs 30659
Taylor, S.J., Beaumont, B., Herberholz, R. Carbon doping of $Ga_xIn_{1-x}As$ by atmospheric pressure organometallic vapour phase epitaxy 664
Taylor, S.L. *see* Grigoropoulos, C.P. 19547
Taylor, S.M., Fields, C.R., Barker, F.M., Sanzo, J. Effect of depth upon the smoothness of excimer laser corneal ablation 39090
Taylor, S.M. *see* Fields, C.R. 39091
Taylor, S.S. A high-performance GaAs pin electronics circuit for automatic test equipment 14889
Taylor, S.S. *see* Mactaggart, I.R. 14636
Taylor, T., Mouris, J.F. An advanced high-current low-emittance DC microwave proton source 7126
Taylor, T.L. *see* Boesch, H.E., Jr. 34688
Taylor, T.M. *see* Brandt, D. 7025
Taylor, T.M. *see* Lebrun, P. 6939
Taylor, W.E. *see* Winterberger, W.J. 7680
Taylor, W.R. ISO 9000 and the packaging engineer—the Global Golden Egg 385
Tayor, F.J. *see* Zelniker, G. 26041
Tayrani, R., Gerber, J., Daniel, T., Pengelly, R.S., Rohde, U.L. Reliably extract MESFET and HEMT parameters 11235
Tayrani, R., Gerber, J.E., Daniel, T., Pengelly, R.S., Rohde, U.L. A new and reliable direct parasitic extraction method for MESFETs and HEMTs 42201
Taysing-Lara, M. *see* Choi, K.K. 2472
Taysing-Lara, M. *see* Golob, L.P. 1529
Taysing-Lara, M. *see* Lu, Y. 27529
Taysing-Lara, M. *see* Pamulapati, J. 20402
Tazaki, S. Signal processing for magneto-optical recording 35314
Tazaki, S., Noguchi, M., Yamada, Y., Tsuzuki, S. PRML method on 4/15 code and 4/11 code 29454
Tazaki, S., Pinandito, M., Yamada, Y., Tsuzuki, S. Error characteristics of FM family codes using PRML 29456
Tazaki, S., Takashima, T., Yamada, Y., Tsuzuki, S. Bit error rate characteristics of 3B-2T code and 4B-3T code 29455
Tazawa, S. *see* Abe, T. 27777
Tazawa, S. *see* Hasimoto, C. 252
Tazon, A. *see* Fernandez, T. 27223
Tazon, A. *see* Fernandez, T. 28195
Tazon, A. *see* Filicori, F. 28194
Tazon, A. *see* Mediavilla, A. 2682
Tazon, A. *see* Mediavilla, A. 28208
Tazzioli, F. *see* Castellano, M. 6925
Tchah, K.H. *see* Song, M.K. 14366
Tchech', V.V. *see* Vasily'ev, A.V. 32810
Tchernaiev, A. *see* Apanovich, Y. 19719
Tcherniega, N. *see* Er-rhaimini, S. 22039
Tchernyshyov, O.V., Yashin, A.N. Fluctuations of laser pulse parameters in photon echo memory device 12347
Te Cheng Pang *see* Kee Chaing Chua 13908
te Lintelo, J.G.Th., Lodder, J.C., McVitie, S., Chapman, J.N. Magnetic stray fields of Co-Cr microstrips measured by Lorentz microscopy 43251
Te-Kao Wu Green's function for arbitrarily shaped dielectric bodies of revolution 44205
Te-Kao Wu *see* Huang, J. 44569
Teal, R.S. Desirable characteristics for rotorcraft optical components 7536
Teal, R.S. *see* Abbas, G.L. 7538
Tean-Sen Jen, Jen-Wei Pan, Nerng-Fu Shin, Wen-Chin Tsay, Jyh-Wong Hong, Chun-Yen Chang Hydrogenated amorphous silicon carbide P-I-N thin light-emitting diodes with barrier layers inserted at P-I interface 43661
Tebaldini, S. *see* Hill, G.R. 6051
Tecchio, L. *see* Aleksandrov, A.V. 7142
Tecchio, L. *see* Aleksandrov, A.V. 31655
Tecchio, L. *see* Aleksandrov, A.V. 38805
Tecchio, L. *see* Antonelli, A. 24054
Tecchio, L. *see* Calabrese, R. 34473
Tecchio, L. *see* Calabrese, R. 38804
Tecchio, L. *see* Novokhatski, A.V. 38820
Tecchio, L. *see* Yang, B. 12528
Teck-Seng Low, Kuan-Teck Chang An approach to intelligent permanent-magnet synchronous motor drives with implicit position sensing 25870
Tedenac, J.C. *see* Haidoux, A. 9567
Tedenac, J.C. *see* Mzerd, A. 34549
Tedenac, J.C. *see* Obadi, A. 9566
Tedesco, C., Canali, C., Magistrali, F., Paccagnella, A., Zanoni, E. Failures of AlGaAs/GaAs HEMTs induced by hot electrons 2571
Tedesco, C., Canali, C., Manfredi, M., Neviani, A., Zanoni, E. Hot electron induced light emission and impact ionization in GaAs based devices 35602
Tedesco, C. *see* Labat, N. 19887
Tedesco, C. *see* Neviani, A. 11255
Tedesco, G. *see* Fantoni, D. 39950
Tedesco, S. *see* Deleonibus, S. 10891
Tedja, S. *see* Newcomer, F.M. 15663
Tedjar, F. Multilayer thin-film batteries with poly(vinyl alcohol) 48050
Tedjar, F. Is 'protode' a new name for composite anodes in solid-state protonic batteries? 48051
Tedjini, S., Khalil, D. On the use of optical networks for performing microwave functions 30768
Tedjini, S. *see* Khalil, D. 3175
Tedjini, S. *see* Vilcot, A. 28616
Tedjini, S. *see* Vilcot, A. 44520
Tee Kim Yong *see* Yong Tee Kim
Teegarden, D. *see* Getreu, I. 9890
Teegarden, D. *see* Getreu, I. 9892
Teesdale, W.J. *see* Houdayer, A. 43197
Teeter, D.A., East, J.R., Haddad, G.I. Large-signal HBT characterization and modeling at millimeter wave frequencies 19063
Tegeler, E. Recommendations for future work in air UV spectral radiometry: results of a report to the CCPR 23916
Tegen, P. *see* Mihuc, M. 16650
Tegethoff, M.V., Figal, T.E., Hird, S.W. Board test DFT model for computer products 1723
Teggatz, R. *see* Devore, J. 41674
Tegopoulos, J.A. *see* Kladas, A.G. 44249
Tegopoulos, J.A. *see* Krawczyk, A. 40837
Tegopoulos, J.A. *see* Yannopoulos-Lascaratos, P.P. 47886
Tegude, F.J. *see* David, G. 27266
Tegude, F.J. *see* Kraus, J. 2594
Tegude, F.J. *see* Liu, Q. 33644
Tegude, F.J. *see* Safrankova, J. 38510
Tegude, F.J. *see* Scheffer, F. 28206
Teguri, H. *see* Okubo, K. 43052
Teh Y. Tan *see* Jianxing Li 2008
Tehori, A. *see* Arreghini, F. 44435
Tehrani, F.T., Ford, R.E. Phase equalization of one and two-dimensional recursive filers 21725
Tehrani, S. *see* van Rheenen, A.D. 19898
Tehranian, J. *see* Jussawalla, M. 14531
Tei, K., Yokota, H. Photorefractive two-wave mixing between phase-modulated beams 44093
Teich, D. *see* Rosch, H. 4163
Teich, M.C. *see* Li, T. 30753
Teich, M.C. *see* Lowen, S.B. 36457
Teichert, J. *see* Bischoff, L. 27655
Teichert, J. *see* Hesse, E. 28007
Teichert, W. *see* Thomas, H.G. 7155
Teichgraber, W.-R. *see* Reuss, E. 26116
Teichman, R.S. *see* O'Sullivan, J.A. 23094
Teiger, J. *see* Bates, S. 24057
Teiger, J. *see* Borer, K. 7221
Teirlinck, L. Some new 2-resolvable Steiner quadruple systems 26306
Teisseyre, Y. *see* Rosso, C. 3105
Teisseyre, Y. *see* Rosso, C. 28475
Teissier, C. *see* Jung, M. 39124
Teissier, L., Stamon, G., Cambou, N., Grenier, G. Flash radar geometric simulator 23163
Teitelbaum, L. *see* Bachler, J. 46934
Teivelis, F. *see* Vaisman, R. 24939
Teixeira, E.P., Neto, L.M. Speed control of large induction motors using neural networks 40226
Teixeira, F.L. *see* Bergmann, J.R. 36390
Teixeira, F.L. *see* Bergmann, J.R. 44592
Teixeira, I. *see* Saraiva, M. 1189
Teixeira, J.C., Chillet, C., Yonnet, J.P. Structure comparison of buried permanent magnet synchronous motors for flux weakening operation 8329
Teixeira, J.P. *see* Saraiva, M. 1189
Tejada, J. *see* Zhang, X.X. 35230
Tejedor, M., Rubio, H., Gonzalez, M., Elbaile, L., Iglesias, R. A system for the measurement of near-surface magnetic properties 6744
Tejedor, P., Briones, F. Ultraviolet laser-projection patterning of polymeric materials for electrochemical gas sensors 38577
Tejerina, J. *see* Wood, D. 30987
Tejwani, M. *see* Ronsheim, P.A. 42447
Tekalp, A.M. *see* Chang, M.M. 30070
Tekalp, A.M. *see* Ozkan, M.K. 21967
Tekalp, A.M. *see* Smith, W.E. 39024
Tekdemir, E.I., Kuntman, H. Implementation of a novel BJT model into the SPICE simulation program to obtain extended accuracy 19768
Tekippe, V.J. *see* Moore, D.R. 3039
Tekippe, V.J. *see* Moore, D.R. 35343
Tel, T. *see* Janosi, I.M. 36675
Tel-Zur, G. *see* Baur, R. 46897
Telegin, A.A. *see* Dvoryanikina, G.G. 28593
Telegin, Yu. *see* Efimov, S. 15384
Telegina, L.S. *see* Dvoryanikina, G.G. 28593
Telfer, D. *see* Li Zhong Qiang 13672
Telian, D. Treat PC-board traces as transmission lines to specify drive buffers 34336
Tell, B. *see* Daryanani, S.L. 23597
Tell, B. *see* Tennant, D.M. 28851
Tell, B. *see* Young, M.G. 23005
Tella, R., Fisher, L., Fisher, W., Gong, W., Liebes, S., Martins, H., Smith, M., Perez, E., Rivera, R. Generic multi-robot workcell and its application to printed-circuit-board assembly 42300
Tellambura, C., Qiang Wang, Bhargava, V.K. A performance analysis of trellis-coded modulation schemes over Rician fading channels 21500
Tellambura, C., Qiang Wang, Bhargava, V.K. Bit error probability analysis for TCM in slow fading channels 36488
Telle, H.H., Morgan, C.G., Acosta-Ortiz, S.E., Karyono The role of molecular complexes in a hollow-cathode CW HeCd$^+$ laser 12019
Telle, H.H. *see* Acosta-Ortiz, S.E. 28711
Telle, H.R. Optical frequency synthesis by interval division 23377
Telle, H.R., Koch, C. Coherent four-wave mixing in laser diodes 3868
Tellefsen, J.A., Jr. *see* Galvanauskas, A. 3024
Tellefsen, K.A. *see* Schick, G. 6021
Teller, C.M. *see* Kwun, H. 915
Teller, S.L. *see* Fullett, K.D. 7520
Teller, S.L. *see* Fullett, K.D. 7535
Telleschi, P.L., Wullimann, E. The refurbishment of the Lake Lungern hydroelectric scheme 16711
Tellez, J.R. Comparison of thick- and thin-film technology using wafer probes 27277
Tellez, J.R., Stothard, B.P. Dependency of MESFET pinch-off voltage on temperature 28204
Tellez B, J.C. *see* Sanchez Ll, J.L. 11512
Tellini, A. *see* Esposito, N. 44241
Tello, L.N. *see* Magnusson, R. 44164
Tellshow, R. *see* Singh, R.K. 857
Tellshow, R. *see* Staehle, S.S. 18282
Tel'minov, E.N. *see* Kopylova, T.N. 3468
Temcamani, F., Delacressonniere, B., Lida, P., Gautier, J.L. Limitations of the even-mode rejection in differential structures 27303
Temerinac, M., Kozarev, A., Trpovski, Z., Simsic, B. An efficient image compression algorithm based on filter bank analysis and fractal theory 22196
Temkin, H., Coblentz, D., Logan, R.A., Vandenberg, J.M., Yadvish, R.D., Sergent, A.M. Strained quaternary quantum well lasers for high temperature operation 3591
Temkin, H., Hamm, R.A., Feygenson, A., Cotta, M.A., Harriott, L.R., Ritter, D., Wang, Y.L. Selective area epitaxy for optoelectronic devices 18232
Temkin, H. *see* Bac, J.W. 3626
Temkin, H. *see* Bac, J.W. 28806
Temkin, H. *see* Bac, J.W. 28816
Temkin, H. *see* Bernussi, A.A. 42501
Temkin, H. *see* Brusenbach, P. 28820
Temkin, H. *see* Cotta, M.A. 9595
Temkin, H. *see* Cotta, M.A. 18224
Temkin, H. *see* Feygenson, A. 10475
Temkin, H. *see* Shtengel, G. 35858
Temkin, H. *see* Shtengel, G. 44021
Temkin, N.R. *see* Tsai, M.-L. 7421
Temkin, N.R. *see* Tsai, M.-L. 7422
Temkin, R.J. *see* Alberti, S. 3405
Temkin, R.J. *see* Chu, T.S. 43704
Temkin, R.J. *see* Rullier, J.L. 43694
Temkin, R.J. *see* Spence, L.B. 23189
Temmar, A. *see* Scavennec, A. 6029
Temme, M.I., Brown, N.W., Smith, M.A. SP-100 flight safety tests 7550
Temmyo, J. *see* Kitagawa, T. 35477
Temmyo, J. *see* Shimizu, M. 28788
Temmyo, J. *see* Yamada, M. 12065
Temmyo, J. *see* Yamada, M. 12075
Temmyo, J. *see* Yamada, M. 35757
Temnikov, A.N. Multichannel programmable timing-pulse generator 1107
Temnov, A.M. *see* Zaytsev, S.A. 1544
Tempel, A. *see* Rossek, U. 723
Tempel, C.M.M.van den *see* van den Tempel, C.M.M.
Temple, D. *see* Wang, Q.S. 33733
Temple, R. *see* Lamoree, J.D. 32349
Temple, V., Burke, D., Lokuta, F., Arlt, B. MCT and the future 28117
Temple, V.A.K. *see* Arthur, S.D. 2493
Templeton, I. *see* Pakulski, G. 34871
Templeton, I.M., Fallahi, M., Charbonneau, S., Champion, H.G., Allard, L.B. Focused-ion-beam damage-etch patterning for isolation of quantum structures in AlGaAs/GaAs 27748
Templeton, I.M. *see* Fallahi, M. 20763
Templeton, I.M. *see* McGreer, K.A. 37683
Templeton, J.G.C. *see* Liu, L. 9386
Templeton, L.W. Prospects for international TVRO growth 46174
Templeton, M.K., Barouch, E., Hollerbach, U., Orszag, S.A. Suitability of high numerical aperture i-line steppers with oblique illumination for linewidth control in 0.35 μm complex circuit patterns 2339
Templier, F. *see* Ouisse, T. 19476
Templin, F. *see* Kim, J.G. 6251
Temraz, H. *see* Salama, M.M.A. 25022
Temst, K. *see* Wu, M.F. 27642
ten Bosch, L.F.M. Some aspects of the physical and functional relation between articulation and acoustics 13096
ten Hagen, K., Meyr, H. Concurrent design of a chipset and its runtime environment 18695
ten Hagen, K., Stahl, J. 'Slim' design evolution. I. Concept and technical opportunities for conversion 41553
ten Hagen, K., Stahl, J. Slimmed-down design development. II. Still simulation? 41596
ten Have, I. *see* Beaumont, S.P. 15637

ten Have, J.M. Precision aircraft height estimation with multiple radars 47218
ten Hove, G. Around three milliard bits per second via Autobahn 22574
Ten-Huei Guo *see* Duyar, A. 32049
Tench, D.M., Anderson, D.P., Kim, P. Solderability assessment via sequential electrochemical reduction analysis 17832
Tench, R.E. *see* Goldstein, E.L. 45998
Tench, R.E. *see* Jopson, R.M. 20970
Tenchov, C., Simeonova, D.S., Mitev, V.A., Donkov, N. Evaporation rate distribution during electron beam evaporation 9725
Tenckhoff, E. *see* Schmatjko, K.J. 32730
Tenconi, A. *see* De Doncker, R.W. 17500
Tenconi, B. *see* Hirtz, G. 6228
Tenconi, S. *see* Bocchetti, G. 17529
Tenconi, S. *see* Carpita, M. 16989
Tendick, P. *see* Katz, P. 45383
Tendyck, H. *see* Flur, M. 45664
Tenfeng Ye *see* Ye Tenfeng
Teng, C.C. *see* Findakly, T. 43544
Teng, C.C. *see* Mortazavi, M.A. 11648
Teng, C.C. *see* Sansone, M.J. 44153
Teng, C.W. *see* Chen, I.C. 19995
Teng, L. *see* Huang, H. 7044
Teng, L. *see* Huang, H. 23976
Teng, L. *see* Li, D. 6973
Teng, W.L., Wang, J.R., Doraiswamy, P.C. Relationship between satellite microwave radiometric data, antecedent precipitation index, and regional soil moisture 39396
Teng, Y.Y. *see* Li, G. 35902
Teng Huaguo *see* Shen Baifei 20608
Teng Jianfu *see* Jianfu Teng
Teng Keijian *see* Huang Yongzhang 2849
Teng Lai Say *see* Say Teng Lai
Teng Shi-Ping *see* Shi-Ping Teng
Teng Weijun *see* Tu Demin 16335
Tenhunen, H. *see* Nummela, A. 18787
Tenjinbayashi, K. *see* Hirabayashi, J. 39352
Tennant, A., Dawoud, M.M., Anderson, A.P. Array pattern nulling by element position perturbations using a genetic algorithm 36412
Tennant, A., Junkin, G., Anderson, A.P. Relaxation of mechanical tolerances in phase retrieval antenna metrology 29288
Tennant, A. *see* Contreras, M. 8769
Tennant, D.M., Fetter, L.A., Harriott, L.R., MacDowell, A.A., Mulgrew, P.P., Pastalan, J.Z., Waskiewicz, W.K., Windt, D.L., Wood, O.R., III Mask technologies for soft-X-ray projection lithography at 13 nm 27823
Tennant, D.M., Koch, T.L., Verdiell, J.-M., Feder, K., Gnall, R.P., Koren, U., Young, M.G., Miller, B.I., Newkirk, M.A., Tell, B. Multiwavelength distributed Bragg reflector laser array fabricated using near field holographic printing with an electron-beam generated phase grating mask 28851
Tennant, D.M. *see* Early, K. 27828
Tennant, D.M. *see* Early, K. 27980
Tennant, D.M. *see* MacDowell, A.A. 27832
Tennant, D.M. *see* Tichenor, D.A. 27831
Tennant, W.E. *see* Arias, J.M. 11838
Tennant, W.E. *see* Kozlowski, L.J. 46502
Tenne, R. *see* Galun, E. 34774
Tenney, R.R. *see* Luettgen, M.R. 36783
Tenney, R.R. *see* Luettgen, M.R. 44971
Tenoux, T. Radar cross-section fluctuation modelling of a tumbling disc 46066
Tenti, P. *see* Borgatti, R. 40325
Tenti, P. *see* Divan, D.M. 25553
Tenti, P. *see* Leonardi, F. 8635
Tenti, P. *see* Malesani, L. 8631
Tenti, P. *see* Rossetto, L. 8583
Tentner, A.M., Blomquist, R.N., Canfield, T.R., Garner, P.L., Gelbard, E.M., Gross, K.C., Minkoff, M., Valentin, R.A. Advances in thermal hydraulic and neutronic simulation for reactor analysis and safety 25184
Tentori, D. *see* Khomenko, A. 15068
Tentori, D. *see* Khomenko, A. 31245
Tentori, D. *see* Miridonov, S.V. 44170
Tenzer, G. History of telecommunications in Germany—from the telephone to ISDN 22407
Teo, C.Y. Automation of knowledge acquisition and representation for fault diagnosis in power distribution networks 7935
Teo, C.Y. Machine learning of rules for fault diagnosis in electrical power network 39589
Teo, C.Y., Gooi, H.B., Chan, E.K. Record structure for knowledge representation and spot-learning in a power distribution network 32394
Teo, C.Y. *see* Chan, T.W. 6677
Teo, D. *see* Tseng, H.C. 16890
Teo, K.L., Cantoni, A., Lin, X.G. A new approach to the optimization of envelope-constrained filters with uncertain input 45003
Teo, S.C. *see* Lee, L.C. 31487
Teo, S.H. Monte Carlo methods in integrating reliability, logistics and operational characteristics of weapon systems 24580
Teo Pit Koon *see* Tong Loong Cheong 5419
Teodorescu, V.S. *see* Mihailescu, I.N. 813
Teodoro, P.G. *see* Luna, J.C.S. 12994
Teodoropol, S. *see* Fach, A. 38555
Teodosiev, D. *see* Oraevsky, V. 21260
Teofilo, V.L. *see* Widman, F.W., Jr. 7560
Teoh, E.K., Mital, D.P., Lee, B.W., Wee, L.K. An intelligent vision system for inspection of SMDs 33424
Teoh, E.K., Mital, D.P., Ng, N.K., Ng, S.H. A transputer-based automated visual inspection system 9337
Teoh, E.K. *see* Lim, A.W.T. 5022
Teoh, E.K. *see* Lim, A.W.T. 36955
Teoh, H., Ni-Tsu Shen, Yang, J. Reliability performance of an R3000-based MCM for desktop workstation 386
Teoh, H.B., Rizzo, S.P. Known good die interconnect system - design verification testing 17872
Teoh, S.H. *see* Seah, K.H.W. 26532
Teoh Eam Khwang *see* Eam Khwang Teoh
Teolis, A., Benedetto, J.J. Local frames [signal/image processing] 21829
Teolis, A. *see* Benedetto, J.J. 36591
Teong, L.C. *see* Kam, P.Y. 29419
Teose, E. *see* Dye, T.A. 6678
Teowee, G., Uhlmann, D.R. A model of the metal-ferroelectric-metal capacitor 28340
Teowee, G. *see* Lee, S.C. 43179
Teper, W. *see* Lau, J.H.K. 32624
Tepikian, S. *see* Caussyn, D.D. 7026
Tepikian, S. *see* Caussyn, D.D. 38778
Tepikian, S. *see* Ellison, M. 38779
Tepikian, S. *see* Huang, H. 7044
Tepikian, S. *see* Lee, S.Y. 7040
Teplyakov, D.I., Tver'yanovich, E.V. Linear shuttered heliostats of solar power plants: cosine and inter-shutter effects 32798
Teplyakov, D.I., Tveryanovich, E.V. Linear heliostats with shutters at solar power plants: radiation losses 40058
Teplyakov, D.I., Tveryanovich, E.V. Linear shutter heliostats of solar power plants: energy losses 40061
Tepman, A. *see* Dixit, G.A. 19656
Tepolt, G. *see* Escher, G. 11076
Tepper, R.S. *see* Chang, J.T. 19977
ter Brake, H.J.M., Huonker, R., Rogalla, H. New results in active noise compensation for magnetically shielded rooms 21279
Ter Haar Romeny, B.M., Florack, L.M.J., Salden, A.H., Viergever, M.A. Higher order differential structure of images 37033
Ter Haar Romeny, B.M. *see* Florack, L.M.J. 13497
ter Haseborg, J.L., Wendt, D.O. Analytical and numerical treatment of different types of transmission lines 36295
ter Haseborg, J.L. *see* Kasdepke, T. 36297
ter Haseborg, J.L. *see* Kruse, K.-D. 44448
ter Haseborg, J.L. *see* Wolf, F. 44396
ter Haseborg, J.Luiken *see* Luiken ter Haseborg, J
ter Horst, R. A digital codec for 3D-TV transmission 30974
Ter Horst, R. *see* Hoeksema, F. 14785
Ter-Antonian, S.V. *see* Mamidjanian, E.A. 15652
Ter-Martirosyan, A.L. *see* Chaly, V.P. 43877
Ter-Martirosyan, L.T. *see* Dedyk, A.I. 34290
Ter-Martirosyan, L.T. *see* Vendik, O.G. 35290
Ter-Mikirtychev, V.V. *see* Kozlov, V.A. 28758
teRaa, J. *see* Brothers, C. 32815
Terachi, S. *see* Sakuta, T. 17110
Terada, A. *see* Ishihara, H. 35240
Terada, A. *see* Sato, M. 21435
Terada, H. Impact of photonic technology on the future communication 45969
Terada, K., Nakazawa, K., Yuta, S., Nakajima, M. A system for high speed 3-D objects recognition using fiber grating vision sensor 23693
Terada, K., Yamaguchi, J., Nakajima, M. An automatic identification of human faces using fiber grating vision sensor 45110
Terada, M., Furuya, K., Okamura, T., Morimoto, I., Nakao, M. Optimized disk structure and Ge-Tb-Sb composition for overwritable phase change compact disk 20252
Terada, M. *see* Strutzman, W. 29353
Terada, N. *see* Inoue, Y. 30445
Terada, N. *see* Kawarasaki, M. 37313
Terada, Y., Chuman, Y., Nagase, F., Maruyama, T. Tuner unit for the BS/CS receiver with a built-in video processor 23278
Teragaki, Y. *see* Sumi, S. 11478
Terahara, T. *see* Watanabe, S. 35331
Terai, H. Home appliances 25949
Terai, M., Nakajima, K., Takahashi, K., Sato, K. A new approach to over-the-cell channel routing with three layers 26552
Terakado, R. *see* Shibata, H. 44194
Terakado, S., Goto, T., Ogura, M., Kaneda, K., Kitamura, O., Suzuki, S., Tanaka, K. New microfabrication technique by synchrotron radiation-excited etching: use of noncontact mask on a submicrometer scale 42703
Terakado, S., Kitamura, O., Suzuki, S., Tanaka, K. Synchrotron radiation-assisted etching of Si in the presence of reactive species produced by microwave discharge 2131
Terakado, S., Ogura, M., Suzuki, S., Tanaka, K. Synchrotron radiation excited etching of SiC film using reactive species generated by a microwave discharge 42714
Terakado, T. *see* Tsuji, H. 28422
Terakado, T. *see* Tsuji, H. 28422
Terakawa, A., Shima, M., Sayama, K., Tarui, H., Tsuda, S., Nishiwaki, H., Nakano, S. Film property control of hydrogenated amorphous silicon germanium for solar cells 17402
Terakawa, A. *see* Maruyama, E. 33052
Teramoto, S. *see* Koike, Y. 3496
Teramoto, S. *see* Yamamoto, T. 28757
Teranishi, N. *see* Tanabe, A. 31270
Teranishi, T. *see* Inui, A. 2706
Teranishi, T. *see* Inui, A. 35155
Terano, T. A checklist-based guidelines for expert system evaluation [for power systems] 39496
Terano, T. *see* Suzuki, T. 39495
Terao, M. *see* Okumura, T. 45544
Terao, Y. *see* Takamoto, M. 6429
Teraoka, F. VIP: a protocol providing host migration transparency 22640
Teraoka, T. *see* Kato, T. 3053
Teraoka, T. *see* Maruyama, M. 36967
Teraoka, Y., Nishiyama, I. Anisotropic Si(100) etching induced by high translational energy Cl_2 molecular beams 19543
Terasaki, M., Yoshida, H., Tukamoto, H., Mizutani, M., Yamachi, M. Compositional change of electrolyte in $Li_xC_6/Li_{1-x}CoO_2$ battery 48068
Terasaki, T. *see* Akiyama, T. 9826
Terasawa, H. *see* Hasuike, H. 48389
Terasawa, M. *see* Fukui, M. 17854
Terasawa, T. *see* Katagiri, S. 11028
Terasawa, T. *see* Katagiri, S. 27876
Terasawa, T. *see* Moniwa, A. 27848
Terasawa, Y., Kubo, Y., Suetsugu, Y., Tanaka, S. Polarization mode dispersion of single mode and dispersion shifted fibers 11596
Terasawa, Y. *see* Suetsugu, Y. 35418
Terashima, F. *see* Inaba, H. 44741
Terashima, K. *see* Nishiwaki, S. 17610
Terashima, K. *see* Saito, Y. 2605
Terashima, M., Ashikaga, T., Kataoka, Y., Nakano, Y. Inertia-lowering control of motors 16839
Terashima, M., Ashikaga, T., Mizuno, T., Yamamoto, T., Natori, K., Fujiwara, N. AC drive system with 4 in-wheel motor for high performance electric vehicle 40602
Terashima, N. *see* Takami, K. 30291
Terashima, T., Bando, Y. Growth process of high-T_c oxide thin films 2877
Terashima, T. *see* Kawasaki, T. 35173
Terauchi, M., Ito, K., Joko, T., Tsuji, T., Nagamachi, M. Motion from a image sequence using a prior relation of a pair of line segments 13723
Terauchi, N. *see* Watanabe, T. 17539
Terayama, I. *see* Kobayashi, J. 40293
Terbeek, M. *see* Arugu, D.O. 2330
Terbuc, M., Jezernik, K., Zimsek, A. Transputer based multiprocessor robot controller 14249
Terchi, A. *see* Mason, J.S. 21751
Tere, L. *see* Ribas, L. 19947
Terefenko, G.J. *see* Tse, P.K. 33450
Terekhov, A.L. *see* Shloma, A.M. 23135
Terent'ev, S.A. *see* Ignat'ev, S.A. 27669
Terentjev, A. *see* Filippov, V. 23753
Tereshchenko, E.D. *see* Khudukon, B.Z. 7594
Tereshin, O.N., Antipov, A.N., Dvurechenskii, V.D., Fedotov, A.Yu. A radiating stripline with a variable impedance 29392
Tereshin, V.I. *see* Skibenko, A.I. 42139
Tereshko, V.M. *see* Yu Loskutov, A. 36466
Terletzki, H., Nikutta, W., Reczek, W. Influence of the series resistance of on-chip power supply buses on internal device failure after ESD stress [MOS devices] 19862
Terlikowska-Drozdziel, T., Radoszewski, T. An investigation of the various liquid scintillators used to count low-energy emitters 38853
Termaat, K.P. *see* Ara, K. 38745
Terman, C. *see* Brinthaupt, D. 30972
Terminello, L.J. *see* Shuh, D.K. 34697
Termuehlen, H., Kraemer, H., Achenbach, J.A. Repowering existing power stations with heavy-duty gas turbines—an economical approach 8207
Termuehlen, H. *see* Maghon, H. 32741
Termuehlen, H. *see* Oeynhausen, H. 32760
Terosky, J.E., Varadan, V.K., Varadan, V.V. UV-curable EMI shielding conformal coatings on printed circuit boards 21273
Terpstra, D., Rijnders, A.J.H.M., Roesthuis, F.H.G., Blank, D.H.A., Gerritsma, G.J., Rogalla, H. Observation of the AC Josephson effect up to THz frequencies in YBCO/PBCO/YBCO ramp-type Josephson junctions 2905
Terpstra, M. *see* Karrenberg, D. 30430
Terracina, D.P. *see* Morrison, G.L. 46682
Terrasi, A. *see* Grimaldi, M.G. 18216
Terrasi, F. *see* Campajola, L. 46877
Terrell, T.J. *see* Qiu, G. 13824
Terreni, P. *see* Roncella, R. 34089
Terrenzio, E. *see* Bozzini, B. 2828
Terriez, J.M. *see* Chouaf, A. 34808
Terris, B.D., Barrett, R.C., Mamin, H.J. Scanning capacitance detection and charge trapping in NOS 42583
Terris, B.D., Zuger, O., Rugar, D. Magnetic microlens with an atomically sharp field emitter 27446

Terry, F.L. *see* Morris, T.M. 412
Terry, F.L., Jr. *see* McGregor, D.S. 47017
Terry, I. *see* Yang, X. 18160
Terry, J.K. *see* Terry, W.S. 39251
Terry, L.E. *see* Robb, F.Y. 28185
Terry, W.S., Terry, J.K., Cable, L.G. From data to information: data reduction for operator workload management 39251
Tersoff, J. *see* LeGoues, F.K. 9569
Tertil, Z. *see* Jagiello, A.S. 40252
Teruel, E., Silva, M. Liveness and home states in equal conflict systems 18017
Terui, H. *see* Yoshida, J. 45961
Terunuma, N. *see* Fukushima, Y. 15662
Terunuma, Y. *see* Fujiura, K. 818
Terunuma, Y. *see* Nishida, Y. 28798
Terunuma, Y. *see* Ohishi, Y. 43798
Terunuma, Y. *see* Shimizu, M. 28788
Teruyama, H., Kataoka, K., Shimizu, M., Hayashi, S., Yashiro, O., Sato, M. A small three-phase motor with a molded-resin housing 40107
Tervonen, A., Honkanen, S., Najafi, S.I. Analysis of symmetric directional couplers and asymmetric Mach-Zehnder interferometers as 1.30- and 1.55-μm dual-wavelength demultiplexers/multiplexers 4229
Tervonen, A., Honkanen, S., Poyhonen, P., Tahkokorpi, M. Design software for ion-exchanged glass waveguide devices 11632
Tervonen, A. *see* Honkanen, S. 3155
Tervonen, A. *see* Lefebvre, P. 3137
Tervonen, A. *see* Wang, W.J. 3086
Tervonen, A. *see* Wang, W.J. 3156
Teryaev, V.E. *see* Arapov, L.N. 15283
Terzi, F. *see* Bixio, A. 15508
Terzi, G. *see* Borchi, E. 7251
Terzic, M. *see* Dones, F. 7537
Terzija, V.V. *see* Duric, M.B. 47344
Terzini, E. *see* Caputo, D. 28596
Terzini, E. *see* Conte, G. 42444
Terzini, E. *see* Kocka, J. 40482
Terzuoli, A.J. *see* Halama, B.B. 47317
Terzuoli, A.J. *see* Millar, E.M. 46035
Terzuoli, A.J. *see* Wojszynski, T.G. 46034
Tesar, L. *see* Bosio, C. 15618
Tesar, M. Development of traction power supply in Austria 17531
Tesauri, M., Chiorboli, G., Cova, P., Fantini, F., Magistrali, F., Sala, D. Very high temperature test of InP-based laser diodes 3595
Tesauro, C. *see* Campisi, D. 45385
Tesche, C.D. *see* Ahonen, A.I. 24214
Tesche, F.M., Barnes, P.R. Geomagnetic storm environments and effects on electrical systems 39480
Teschke, K., Linz, A. Picking out the best test strategy 17824
Teschke, O., Goncalves, M.C., Galembeck, F. Etching technique for transmission electron microscopy observation of nanostructure of visible luminescence porous silicon 2141
Teschner, H.-G. *see* Laufer, R. 16200
Teschner, H.-G. *see* Raeder, M. 47376
Tesei, A. *see* Cravino, F. 45058
Teshima, N. *see* Seno, K. 26923
Teshima, T. *see* Fukuda, M. 47688
Teshirogi, T. Recent antenna technologies 44575
Teshnehlab, M. *see* Sugisaka, M. 37011
Teshome, A. *see* Esiyok, E. 32326
Teshome, A. *see* Rob, R.A. 25052
Teshome, A. *see* Rob, R.A. 47563
Tesi, A., Vicino, A., Zappa, G. Design criteria for robust strict positive realness in adaptive schemes 4673
Tesi, A., Vicino, A., Zappa, G. Design criteria for robust strict positive realness in adaptive schemes 44954
Tesi, A. *see* Genesio, R. 26653
Tesima, T. *see* Masuzawa, H. 14865
Tessaro, S. *see* Antonelli, A. 24054
Tessarolo, A. *see* Meshkat, S. 8432
Tessereau, S., El Zein, G., Citerne, J. Use of microstrip antenna technology in an angle diversity receiver for a 15-GHz radio link 30597
Tessereau, S., Floc'h, J.-M., Citerne, J. Synthesis of linear arrays of series fed proximity-coupled microstrip antennas 36426
Tesseron *see* Bellon 39998
Tessier, T.G., Myszka, E.G. High performance MCM-L/D substrate approaches for cost-sensitive packaging applications 342
Tessier, T.G. *see* Lin, C.W. 9274
Tessier, T.G. *see* Lin, C.W. 33373
Tessler, A., Riggs, H.R., Macy, S.C. A variational method for finite element stress recovery and error estimation 26385
Tessler, N. *see* Mark, J. 43898
Tessmer, G. *see* Ballingall, J.M. 1640
Tessmer, R.G., Jr. Wheeling cogenerated power: institutional barriers and potential solutions 7797
Tessun, H. *see* Huber, D. 17550
Testa, A., Curcio, G., Menniti, D. Voltage regulation in MV/LV distribution substation in presence of nonhomothetic load 32410
Testa, A. *see* Consoli, A. 1056
Testa, A. *see* Galluzzo, A. 1061
Testa, F. *see* Hill, G.R. 6051
Testard, O. *see* Zhou, J.W. 6499
Teste, P. *see* Chabrerie, J.P. 1775
Testi, G. Industrial power factor improvement capacitors 7866
Testi, N., Neagle, J.H., Gossage, S.A. Combining ATM and SONET at the LAN 45626
Testorf, M. *see* Bahr, J. 11796
Testorf, M. *see* Brenner, K.-H. 11663
Testorf, M. *see* Brenner, K.H. 20369
Testorf, M. *see* Frank, M. 11662
Testud, G. *see* Bourgin, F. 24686
Tetelbaum, A.Y. Force embedding of a planar graph 41586
Tetel'baum, D.I., Yakunin, Yu.I., Kasatkin, A.P., Murel, A.V. Modeling of profiles of the carrier distribution in low-high junctions with an intermediate layer with opposite type of doping 34877
Teter, J. *see* Haynes, L. 35249
Teter, M.P. *see* Bar-Yam, Y. 1835
Teti, J.G., Jr., Jemison, W.D., Kim, S.H., Laska, J.E., Jr., Halpern, H.M. Wideband airborne early warning (AEW) radar 23197
Tetiana Lo *see* Shau-Ming Lun 47422
Tetsutani, N., Kishino, F., Nagashima, Y. Stereoscopic display method employing eye-position tracking and HDTV LCD-projector 31004
Tetu, M., Cyr, N., Gamache, C., Boucher, R., Breton, M., Tremblay, P., Billeneuve, B. Ensemble of laser sources with evenly spaced absolute frequencies for optical frequency division multiplexed systems 6033
Tetu, M. *see* Beaulieu, C. 1565
Tetu, M. *see* Breton, M. 3655
Tetu, M. *see* Brun, L. 3016
Tetu, M. *see* Cyr, N. 6286
Tetu, M. *see* Cyr, N. 6301
Tetu, P. *see* Amendola, G. 15300
Tetyorkin, V.V., Alenberg, V.B., Sizov, F.F., Davidenko, S.N., Chopik, V.Yu. Interface states in PbSnTe/PbTeS heterodiodes 28642
Tetzlaff, W., Kienzle, M., Sitaram, D. A methodology for evaluating storage systems in distributed and hierarchical video servers 46246
Teuchner, K., Stiel, H., Becker, W. Multidecay fluorescence measurements with an extended digital signal sampling device 15226
Teufel, M. *see* Vorwerk, J. 31515
Teuhola, J. *see* Raita, T. 44716
Teumin, I.I. The frequency response of a monomode optical fiber 11621
Teuscher, R. *see* Bailey, D. 38919
Teuscher, R. *see* Bailey, D. 38920
Teuschler, T., Hundhausen, M., Ley, L. Influence of light on individual defect noise in a-Si:H/a-SiN_x:H double barrier structures 34575
Tewari, A.S. *see* Joshi, A. 25450
Tewari, R. *see* Singh, J. 3074
Tewfik, A.H. Wavelets in optimal radar range-Doppler imaging 30901
Tewfik, A.H. *see* Deriche, M. 13174
Tewfik, A.H. *see* Deriche, M. 13217
Tewfik, A.H. *see* Sinha, D. 44974
Tewksbury, S. *see* Lea, R.M. *(editor)* 40762
Tewksbury, S.K., Hornak, L.A., Nariman, H.E., McGinnis, S.P. Co-integration of optoelectronics and submicrometer CMOS 20578
Tewksbury, S.K., Hornak, L.A., Petrova, I.V., Uppuluri, M.T., McGinnis, S.P., Nariman, H.E. Wafer-area networks: a communications function for investigation of advanced packaging technologies 40930
Tewksbury, S.K. *see* Hornak, L.A. 2657
Tewordt, M., Hughes, R.J.F., Martin-Moreno, L., Nicholls, J.T., Asahi, H., Kelly, M.J., Law, V.J., Ritchie, D.A., Frost, J.E.F., Jones, G.A.C., Pepper, M. Vertical tunneling between two quantum dots in a transverse magnetic field 42525
Tewordt, M. *see* Law, V.J. 27743
Tews, H. *see* Sammut, C.V. 1541
Texier, F.Le *see* Le Texier, F.
Teyssandier, F. *see* Wang, Y.B. 41414
Teyssier, J.P., Campovecchio, M., Sommet, C., Portilla, J., Quere, R. A pulsed S-parameters measurement setup for the non-linear characterization of FETs and bipolar power transistors 27218
Teyssier, J.P. *see* Quere, R. 28069
Tez, E.S. Application experience with intelligent power modules for AC drives 8869
Tezuka, H. *see* Kitahata, H. 10508
Tezuka, M. *see* Kitazawa, H. 11916
Tezuka, S. Polynomial arithmetic analogue of Halton sequences 586
Tezuka, S., Fushimi, M. Fast generation of low discrepancy points on Fibonacci polynomials 587
Thabussot, L. *see* Jacquet, L. 39959
Thach, D. *see* Moinpour, M. 34706
Thackara, J.I., Bjorklund, G.C., Fleming, W., Jurich, M., Smith, B.A., Swalen, J.D. A polymeric electro-optic phase modulator for broadband data transmission 43546
Thackara, J.I. *see* Moylan, C.R. 44073
Thacker, C.P. *see* Anderson, T.E. 30397
Thacker, N.A. *see* Lane, R.A. 45236
Thackeray, J.W., Denison, M., Fedynyshyn, T.H., Georger, J., Mori, J.M., Orsula, G.W. Dissolution rate properties of three-component deep-ultraviolet positive photoresists 27970
Thackeray, J.W. *see* Fedynyshyn, T.H. 2312
Thackeray, M.M. *see* Gummow, R.J. 25635
Thackery, J.W. *see* Fedynyshyn, T.H. 28045
Thadome, J. *see* Adam, W. 7259
Thadome, J. *see* Adam, W. 31715
Thadome, J. *see* Adam, W. 46929
Thadome, J. *see* Lenzen, G. 46932
Thai, S., Bernstein, N., Hunter, J. Test patterns of optically controlled two-band phased array antenna 4338
Thain, W.E., Connelly, J.A. A determination of the best macromodel circuits for a phase-locked loop 10033
Thakoor, S. High speed optoelectronic response from the edges of lead zirconate titanate thin film capacitors 11366
Thakoor, S., Maserjian, J. Photoresponse probe of the space charge distribution in ferroelectric lead zirconate titanate thin film memory capacitors 43180
Thakor, N. *see* Vaz, C. 36753
Thakor, N.V., Natarajan, A., Tomaselli, G.F. Multiway tachyarrhythmia detection algorithm 24282
Thakor, N.V., Sun, Y.-C., Rix, H., Caminal, P. MultiWave: a wavelet-based ECG data compression algorithm 31934
Thakor, N.V. *see* Jane, R. 15876
Thakur, A. *see* Dan, S. 4287
Thakur, D. *see* Bhushan, S. 20511
Thakur, D.K., Kumar, A., Vyas, P.D., Khokle, W.S. Superior switching behaviour of BIMOS transistor in Darlington/parallel combination 2468
Thakur, M. *see* Quintero-Torres, R. 28978
Thakur, R.P.S., Ahmad, A., Ditali, A., Martin, A., Kermani, A., Galewski, C., McIntosh, R., Legler, K. Ultrathin gate and capacitor dielectric formation using single-wafer processing 2175
Thakur, R.P.S., Gonzalez, F., Hawthorne, R., Ward, V., Jeng, N. Reduced thermal budget borophosphosilicate glass (BPSG) fusion and implant activation using rapid thermal annealing and steam reflow 2671
Thakur, R.P.S., Singh, R. Thermal budget consideration in rapid isothermal processing 19492
Thakur, R.P.S. *see* Hawthorne, R.C. 2171
Thakur, R.P.S. *see* Mathews, V.K. 10965
Thakurta, A.G. *see* Jain, A.P. 17125
Thal, E. *see* Yoshida, S. 32931
Thaler, H., Holt, L. A suite of novel digital ATE timing calibration methods 6331
Thalinger, F. *see* Fallmann, W. 11097
Thalji, J.Y., Nelson, J.K. An apparatus for the assessment of charge deposited in gaseous surface discharges 35131
Thalman, W.J., Eckard, A., Debska, A. Quantitative determination of a thioester antioxidant in cable filling compounds based on Fourier transform-infrared spectroscopy and correlation to oxidation induction time 895
Thames, H.D., III *see* Morrison, G.L. 31514
Thamm, J. Polish electric utilities upgrade communications 5308
Thampi, K.R. *see* McEvoy, A.J. 17372
Than, K.A. *see* Geddes, N.J. 23738
Thanailakis, A. *see* Adamides, E.D. 13894
Thanailakis, A. *see* Tzionas, P. 10200
Thanailakis, A. *see* Tzionas, P.G. 11898
Thane, N., Mack, C., Sethi, S. Lithographic effects of metal reflectivity variations 11045
Thane, N. *see* Deshpande, V. 19678
Thanedar, P., King, R. Shape optimization using adaptive high-order finite elements 626
Thangasamy, S. *see* Pithawa, C.K. 8115
Thanh Vinh Le *see* Le Thanh Vinh
Thanigaimani, V. *see* Angadi, M.A. 34558
Thanikasalam, P., Venkatasubramanian, R., Cahay, M. Analytical expressions for tunneling time through single and double barrier structures 28832
Thanner, C. *see* Kock, A. 3587
Thanner, C. *see* Kock, A. 35770
Thanner, C. *see* Kock, A. 35829
Thao, N.T., Vetterli, M. Reduction of the MSE in R-times oversampled A/D conversion O(1/R) to $O(1/R^2)$ 36764
Thapar, B., Gerez, V., Kejriwal, H. Reduction factor for the ground resistance of the foot in substation yards 47028
Tharaud, Y. *see* Fullett, K.D. 7520
Tharp, M.R. *see* Barringer, E.A. 17282
Thatcher, N.M. *see* Morris, P.G. 47055
Thaxter, J.B. *see* How, H. 36280
Thayer, R. *see* Chassaing, R. 1328
Thebault, C. *see* Mathoorasing, D. 46012
Thebault, J.-P. *see* Veron, D. 35951
Thede, L. The optimization of vector quantizers by minimizing variance 45158
Thedrez, B.J. *see* Saddow, S.E. 20530
Thedrez, B.J. *see* Saddow, S.E. 28627
Thedrez, B.J. *see* Sheng-Hui Yang 43916
Theel, O. General structured voting: a flexible framework for modelling cooperations 45574
Theenhaus, R.Von *see* Von Theenhaus, R.
Theeuwen, M.E.H.J. *see* Kleeven, W.J.G.M. 7057
Theil, J.A., Powell, G. The effects of He plasma interactions with SiH_4 in remote plasma enhanced chemical vapor deposition 33728
Theiler, T., Karlsson, T. Development of architectural design recommendations for EMC 44382

Theimer, T.H. Modeling and dimensioning buffers in multistage ATM switch fabrics 37066
Theimer, W.M., Mallot, H.A., Tolg, S. Phase method for binocular vergence control and depth reconstruction 36788
Theiner, W.A. *see* Jiles, D.C. 33780
Theirault, M.D. *see* Bradley, W.E. 39913
Theisen, J. *see* Blumenstock, K. 42666
Theisen, P. *see* Moldovan, P. 48318
Thekkath, C.A., Levy, H.M. Limits to low-latency communication on high-speed networks 5525
Thekkath, C.A., Nguyen, T.D., Moy, E., Lazowska, E.D. Implementing network protocols at user level 30211
Thekkath, C.A., Nguyen, T.D., Moy, E., Lazowska, E.D. Implementing network protocols at user level 30377
Thelen, E., Colman, A.H. Leveraging DSM through telecommunications: Customer Choice 2000 7761
Thelen, F. Gas/steam turbine processes for solid fuels with pressurized fluidized bed combustion 39895
Thelen, K. *see* Leipold, D. 11896
Thelen, U. *see* Ryba, M. 955
Thelwall, R. *see* So, L.K.H. 13009
Theocharis, J., Petridis, V. A neural network adaptive observer for field oriented control 8358
Theocharis, J., Petridis, V. Neural network observer for induction motor control 47877
Theodoracatos, V.E., Calkins, D.E. A 3-D vision system model for automatic object surface sensing 5112
Theodore, N.D., Pegler, P.L. Microstructure and defects in implanted HIPOX-structures 34791
Theodore, N.D., Tam, G. Microstructural characterization of high-pressure oxidized $Si_{1-x}Ge_x/Si$ heterolayers 34790
Theodore, N.D. *see* Olowolafe, J.O. 34820
Theodore, N.D. *see* Vasquez, B. 10837
Theodoridis, S. *see* Callender, C.P. 13396
Theodoridis, S. *see* Liavas, A. 13451
Theodoridis, S. *see* Liavas, A. 44811
Theodoridis, S. *see* Petillon, T. 13393
Theodoropoulos, P.T. *see* Waldo, R.E. 28730
Theodosiou, G. *see* Adam, W. 7259
Theodosiou, G.E. *see* Adam, W. 31715
Theodosiou, G.E. *see* Adam, W. 46929
Theodoulidis, T.P., Panas, S.M., Kriezis, E.E. Eddy current detection of crack orientation using elliptical excitation 26538
Theofylaktos, N. *see* Abbe, B.S. 37925
Theologou, O. *see* Jagd, A. 14183
Theophilus, G.D., Shungyuan Li, Srivastava, K.D. Flashover path of charged spacer surfaces in compressed gases 35133
Therme, Y. *see* Guilloux, C. 25566
Thern, R.E. *see* Huang, H. 7044
Theron, B. *see* Guillot, P. 1429
Theron, B. *see* Guillot, P. 42174
Theron, D., Bonte, B., Gaquiere, C., Playez, E., Crosnier, Y. Characterization of GaAs and InGaAs double-quantum well heterostructure FETs 19911
Theron, D. *see* Westphalen, R. 19740
Theron, P.C., Ferreira, J.A. A new, partial series resonant converter for efficient DC to DC conversion 8642
Therond, P., Cholley, P., Daniel, D., Joncquel, E., Lafon, L., Poumarede, C. FACTS research and development program at EDF 39574
Therond, P.G. *see* Bouissou, S. 8316
Therond, P.G. *see* Daniel, D. 40498
Thetiot, D., Madrangeas, V., Aubourg, M., Guillon, P. Rigorous analysis of 2D and 3D planar circuits by using the finite element method approach 27290
Theune, D., Thiele, R., Lengauer, T., Feldmann, A. HERO: Hierarchical EMC-constrained routing 27364
Theune, D. *see* John, W. 34342
Thevenot, M. *see* Eyharts, P. 15294
Thewalt, M.L.W. *see* Tischler, M.A. *(editor)* 17744
Theys, C. *see* Ferrari, A. 14731
Theys, J. *see* Belvaux, A. 25030
Thi, H.L.Nguyen *see* Nguyen Thi, H.L.
Thi, L.Thi *see* Thi Thi, L.
Thi Ngo Kim Chi *see* Kim Chi Thi Ngo
Thi Thi, L. *see* Wada, S. 35986
Thiagarajan, K. *see* Arunachalam, S.A. 25298
Thiagarajan, K. *see* Datta, A.B. 25816
Thiagarajan, L. *see* Nagarajan, S. 25302
Thiagarajan, P. *see* Yih-Guei Wey 43638
Thiam Ann Sim *see* Sim Thiam Ann
Thibaudau, F., Roche, J.R., Salvan, F. Nanometer-scale lithography on Si surface by decomposition of ferrocene molecules using a scanning tunneling microscope 27805
Thibaudeau, L. *see* Vinter, B. 46447
Thibault, L. *see* Jofre, A. 558
Thibault, S., Lauzon, J., Ouellette, F. Influence of Ge concentration on UV-excited luminescence in a graded-index fibre preform 43441
Thibault, S.A. *see* Mullin, L.M.R. 13900
Thibblin, U. *see* Dagys, M. 31404
Thibeau, J., Duffy, G. Improved machinery condition monitoring system for life cycle management—'graceful degradation' 32522
Thibeault, B.J., Scott, J.W., Peters, M.G., Peters, F.H., Young, D.B., Coldren, L.A. Integrable InGaAs/GaAs vertical-cavity surface-emitting lasers 20770
Thibeault, B.J. *see* Barron, C.C. 20403
Thibeault, B.J. *see* Barron, C.C. 28510
Thibeault, B.J. *see* Geels, R.S. 43851
Thibeault, B.J. *see* Mui, D.S.L. 27744
Thibeault, B.J. *see* Peters, F.H. 35814
Thibeault, B.J. *see* Peters, M.G. 20807
Thibeault, B.J. *see* Peters, M.G. 35889
Thibeault, B.J. *see* Young, D.B. 12194
Thibeault, C. *see* Savaria, Y. 10177
Thibeault, P.R., Peletz, L.J., Andrus, H.E., Jr. Coal gasification—an environmentally acceptable coal-burning technology for electric power generation 8213
Thibeault, P.R., Peletz, L.J., Andrus, H.E., Jr. ABB Combustion Engineering's coal gasification system for combined cycle power generation 32757
Thick, R. *see* Rahman, M. 33871
Thiebaut, D. *see* Mitra, S. 5159
Thiebaut, E. Speckle interferometry with a photon-counting detector 46504
Thieberger, P. *see* Smith, K.S. 46822
Thiede, A., Berroth, M., Nowotny, U., Seibel, J., Bosch, R., Kohler, K., Raynor, B., Schneider, J. An 18-34-GHz dynamic frequency divider based on 0.2-μm AlGaAs/GaAs/AlGaAs quantum-well transistors 27025
Thiede, A., Berroth, M., Nowotny, U., Seibel, J., Bosch, R., Kohler, K., Raynor, B., Schneider, J. An 18-34 GHz dynamic frequency divider based on 0.2 μm AlGaAs/GaAs/AlGaAs quantum-well transistors 33996
Thiede, A. *see* Hulsmann, A. 27315
Thiede, E.C. *see* Gallo, M.A. 31280
Thiede, H. *see* Hodges, C.R. 334
Thiede, H. *see* Shao-Fang Gong 17901
Thiede, M. *see* Jaeger, A. 19875
Thiel, D.J., Bilderback, D.H., Lewis, A. Production of intense micrometer-sized x-ray beams with tapered glass monocapillaries 7310
Thiel, F.A. *see* Xie, Y.H. 1915
Thiel, M. Perspectives on the mobile market 45864
Thiel, P.A. *see* Columbia, M.R. 17306
Thiel, W. *see* Dutz, H. 31657
Thiel, W. *see* Reichertz, L.A. 31658
Thiele, A.N. Research and development in digital video and multimedia in Australia 5339
Thiele, A.N. Digital audio for digital video 6214
Thiele, A.N. An improved law of contrast gradient for high definition television 38292
Thiele, A.N., Burton, J. Standards in digital video 6182
Thiele, R. *see* John, W. 34342
Thiele, R. *see* Theune, D. 27364
Thiell, G. *see* Veron, D. 35951
Thieme, M. *see* Luy, J.-F. 4272
Thien Binh Vu *see* Vu Thien Binh
Thienel, A. With total quality management to lean management 9333
Thiennot, J., Pirio, F., Thomine, J.-B. Optical undersea cable systems trends 30742
Thienpont, H., Peiffer, W., Pelt, M., Veretennicoff, I. Optical module for dynamically reconfigurable nearest neighbour interconnects 11735
Thienpont, H. *see* Danckaert, J. 3797
Thienpont, H. *see* Peiffer, W. 20479
Thienpont, H. *see* Peiffer, W. 28542
Thier, C. *see* Kokkedee, J.A. 1671
Thierbach, W., Beyer, A. Measurement of the surface properties of semiconductors with inhomogeneous doping 42585
Thierer, G. *see* Fesseler, P. 13108
Thierfelder, H.G., Berger, E., Pagel, P. The Procontrol P instrumentation and control system 16497
Thierry-Mieg, V. *see* Dutisseuil, E. 34594
Thierry-Mieg, V. *see* Haghiri-Gosnet, A.M. 28214
Thiery, L., Porcar, R., Prenel, J.P. Performance limits of microthermocouples as opto-thermal sensors 46420
Thiery, Y. *see* Gao, J. 7138
Thies, B. *see* Paulsson, A. 8672
Thiesse, B. *see* Martinez, F. 13716
Thijs, P.J.A., van Dongen, T., Tiemeijer, L.F., Binsma, J.J.M. High-performance $\lambda = 1.3$ μm InGaAsP-InP strained-layer quantum well lasers 35870
Thijs, P.J.A. *see* Staring, A.A.M. 43926
Thijs, P.J.A. *see* Tiemeijer, L.F. 43935
Thijssen, J.M. *see* Schouten, Th.E. 15838
Thilander, A. *see* Eklund, S. 15790
Thimis, A.J. *see* Harris, K.E. 7902
Thimsen, D. *see* Riley, K. 32638
Thio, C. *see* Elahi, H. 47483
Thione, L. *see* Manzoni, G. 48199
Thiria, S., Mejia, C., Badran, F., Crepon, M. A neural network approach for modeling nonlinear transfer functions: application for wind retrieval from spaceborne scatterometer data 24498
Thiringer, T., Linders, J. Control by variable rotor speed of a fixed-pitch wind turbine operating in a wide speed range 25284
Thirsk, M. *see* Robertson, S.A. 11062
Thirstrup, C. *see* Moller, B.A. 43500
Thirugnanamoorthy, D. *see* Sridhar, V.R. 16505
Thirumalai, K. *see* Arunachalam, S.A. 25301
Thirumalai, K. *see* Arunachalam, S.A. 25323
Thirunarayan, N. *see* Kazmierczuk, M.K. 25521
Thirupathi, S.R., Naganathan, N.G. A composite shell finite element for the analysis of smart structures 20079
Thirwani, D., Arora, S.R. Bi-level linear fractional programming problem 41113
Thiyagarajan, T.K. *see* Dixit, N.S. 25748
Thiyagarajan, T.K. *see* Satyamurthy, P. 25749
Thng, C.H. *see* Chang, D.C. 12511
Tho Le-Ngoc *see* Jamali, S.H. 21619
Tho Le-Ngoc *see* Rahman, M.A. 37961
Thobel, J.L., Baudry, L., Bourel, P., Dessenne, F., Charef, M. Monte Carlo modeling of high-field transport in III-V heterostructures 19383
Thobel, J.L. *see* Baudry, L. 19384
Thoelmann, K. *see* Voigt, B. 10085
Thoen, B. Access the electronic highway for a world of data 30422
Thoen, F. *see* Pauwels, M. 18817
Thogersen, P. *see* Pedersen, J.K. 8581
Tholey, V. *see* Chawki, M.J. 12143
Thollon, F., Grellet, G., Jammal, A. Asynchronous motor cage fault detection through electromagnetic torque measurement 8397
Tholomier, M. *see* Elcheik, M.K. 28136
Thom, F. *see* Auvergne, J.-P. 6799
Thom, H. *see* Albright, J. 25320
Thoma, P., Weiland, T. Calculation of Q-factors of lossy resonators in the time domain using the Prony-Pisarenko approximation 46704
Thoma, W., Kabl, W. The information model viewed as transmission technique 5526
Thomae, D. *see* Van den Bout, D.E. 23766
Thomae, R. *see* Sarstedt, M. 15329
Thomann, J. *see* Jung, F. 33549
Thomann, W., Isele, B., Stockeler, F., Weigel, R., Russer, P. Characterization and simulation of bi-quadratic coplanar waveguide tapers for time-domain applications 1440
Thomann, W. *see* Rottenkolber, M. 6366
Thomas, A., Ganesan, A., Mujeeb, S.A. Solar irradiance monitor 15994
Thomas, A. *see* Bachler, J. 46934
Thomas, A. *see* Dutz, H. 31657
Thomas, A. *see* Reichertz, L.A. 31658
Thomas, A.H. *see* Fleming, I.R. 7510
Thomas, B.A. *see* Ford, R.M. 29985
Thomas, C.B., Cranton, W.M. High efficiency ZnS:Mn ac thin film electroluminescent device structure 11861
Thomas, C.B. *see* Stevens, R. 46557
Thomas, D. *see* Harvey, E.C. 44172
Thomas, D. *see* McCullough, C.L. 33279
Thomas, D.E., Wiggins, C.M., Salas, T.M., Barnes, P.R. On the HEMP environment for protective relays 47585
Thomas, D.E. *see* Coumeri, S.L. 33844
Thomas, D.E. *see* Ebert, B. 966
Thomas, D.E. *see* Gadient, A.J. 33838
Thomas, D.K. *see* Holland, O.W. 2089
Thomas, E.V. *see* Lockwood, S.J. 28311
Thomas, F. *see* Auerhammer, J. 43978
Thomas, F. *see* Genz, H. 15271
Thomas, F.D. *see* Manglos, S.H. 24250
Thomas, F.P. *see* Nayar, C.V. 32851
Thomas, G. *see* Cabrera, S.D. 36727
Thomas, G.A. *see* Drewery, J.O. 31018
Thomas, G.S., Obermayer, R.W., Raspotnik, W.B., Waag, W.L. Modeling pilot expertise in air combat 7695
Thomas, H. *see* Brussol, M. 14065
Thomas, H. *see* Luo, J.K. 10696
Thomas, H. *see* Luo, J.K. 18202
Thomas, H. *see* McClatchie, S. 18248
Thomas, H.G., Eberth, J., Becker, F., Burkardt, T., Freund, S., Hermkens, U., Mylaeus, T., Skoda, S., Teichert, W., v.d. Werth, A., von Brentano, P., Berst, M., Gutknecht, D., Henck, R. Neutron induced radiation damage of a n-type Ge detector. Influence of the operating temperature 7155
Thomas, I.M. *see* Lawson, J.K. 35948
Thomas, J. *see* Abbott, B. 7245
Thomas, J. *see* Abbott, B. 31776
Thomas, J.-L., Roux, P., Fink, M. Inverse scattering analysis with an acoustic time-reversal mirror 32132
Thomas, J.A. *see* Cheng-Shang Chang 29460
Thomas, J.A. *see* Cheng-Shang Chang 33469
Thomas, J.J., Hanson, A. Obtaining the robot path using automatically acquired models 38407
Thomas, J.L. μ-analysis applied to field oriented control of induction motor 8414
Thomas, J.L. *see* Pierre, X. 8588
Thomas, L., Astin, I. The form of metre-scale turbulence at mesopause heights in summer 24482
Thomas, L.M., Lakdawala, V.K. Influence of fabrication techniques on gallium arsenide switch photoconductivity 28631
Thomas, L.M. *see* Panigrahi, S. 27475
Thomas, M. *see* Gonzalez, V. 32761
Thomas, M.S. *see* Indulkar, C.S. 16914
Thomas, M.S. *see* Indulkar, C.S. 16915
Thomas, M.S. *see* Indulkar, C.S. 39610
Thomas, P., Baranovskii, S.D. Equilibrium and non-equilibrium transport in band tails 34532
Thomas, P. *see* Cleve, B. 27491

Thomas, P. *see* Hogle, R.A. 2137
Thomas, P.A. *see* Duhlev, R. 43452
Thomas, P.J., Nixon, O. Near-infrared forest fire detection concept 7647
Thomas, P.M. *see* Lee, B.-T. 10934
Thomas, R. Building up netware, brick by brick 30478
Thomas, R. *see* Awcock, G.J. 13841
Thomas, R. *see* Buckner, W.F. 16394
Thomas, R. *see* Steinmeyer, K. 38469
Thomas, R.A. Towards a new regulatory regime for nuclear operator certification 97
Thomas, R.E. *see* Alexander, S.B. 6055
Thomas, R.E. *see* Rudder, R.A. 856
Thomas, R.H., Burdisso, R.A., Fuller, C.R., O'Brien, W.F. Active control of fan noise from a turbofan engine 36632
Thomas, R.J. *see* Sakk, E. 24293
Thomas, R.R. *see* Lee, K.L. 26469
Thomas, R.W. *see* Cuny, P. 17945
Thomas, S. *see* Kinosky, D. 33699
Thomas, S. *see* Kinosky, D. 34737
Thomas, S. *see* Kinosky, D.S. 10962
Thomas, S. *see* Lee, R.B., III 23617
Thomas, S. *see* Qian, R.Z. 9587
Thomas, S.G. *see* Marsh, R.A. 32020
Thomas, S.L., French, M.J., Seller, P., Bouvier, S., Hall, G., Millmore, M., Raymond, D.M., Nygard, E., Yoshioka, K. Measurements of a radiation hardened process: Harris AVLSIRA 46987
Thomas, T., Sridhar, C. A block adaptive model for speech signals 29536
Thomas, V.A. *see* Sullivan, J.A. 3426
Thomas, W. On the Ehrenfeucht-Fraisse game in theoretical computer science 18000
Thomas, W. *see* Koepke, P. 47808
Thomas, W.D. *see* Crawley, H.B. 24091
Thomas, W.D. *see* Crawley, H.B. 46297
Thomason, H. *see* Smith, P.R. 16020
Thomassen, C. Trees in triangulations 41067
Thomaston, J. *see* Hagopian, V. 24019
Thomazeau, F. *see* Fiche, G. 22726
Thome, Z. *see* Adam, W. 7259
Thomeczek, M. *see* Stammnitz, P. 46213
Thomeer, R.A.J., Hageman, P.R., Giling, L.J. Radiatively controlled lifetimes in $Al_xGa_{1-x}As$ grown by metalorganic vapor phase epitaxy 41267
Thomesse, J.-P. *see* Benkhellat, Y. 6398
Thomesse, J.-P. *see* Lorenz, P. 45595
Thomesse, J.P. *see* Saba, G. 37054
Thomesse, J.P. *see* Simonot, F. 13915
Thomine, J.-B. *see* Thiennot, J. 30742
Thomine, J.B. *see* Lecroart, A. 23026
Thomlinson, W. *see* Suortti, P. 7386
Thomopoulos, S.C.A., Chen, B.H. Multiresolution fusion of FLIR and ladar data for target detection with JDEF 29830
Thomopoulos, S.C.A., Okello, N.N. Design and experimental validation of a multiband radar data fusion system 30866
Thomopoulos, S.C.A., Okello, N.N., Kadar, I., Lovas, L.A. Design of a multisensor data fusion system for target detection 6109
Thomopoulos, S.C.A. *see* Chin-Der Wann 21851
Thomopoulos, S.C.A. *see* Hilands, T.W. 4748
Thompsett, D. *see* Cameron, D.S. 17290
Thompson, A.M., Kay, J. On some Bayesian choices of regularization parameter in image restoration 22031
Thompson, A.W. *see* Allen, J.W. 8159
Thompson, C., Podgorski, J., Campbell, M. Pen-based computing eases field data collection 39626
Thompson, C.A., Cross, R.W., Kos, A.B. Micromagnetic scanning microprobe system 38473
Thompson, C.E. *see* Pennington, D.M. 35976
Thompson, C.J., Picard, Y. Two new strategies to increase the signal to noise ratio in positron volume imaging 15718
Thompson, C.M., Kong, C.H., Lewis, C.A., Hill, P.D., Thompson, F.D. Can bio-electrical impedance be used to measure total body water in dialysis patients? 7444
Thompson, C.O. *see* Jansen, P.L. 16849
Thompson, C.V. The effect of thermal history on interconnect reliability 34834
Thompson, C.V. *see* Della Ratta, A.D. 27802
Thompson, C.V. *see* Joo, Y.-C. 34832
Thompson, C.V. *see* Ro, J.S. 41411
Thompson, D., Mawby, P., McCowen, A. Computer modelling of the InGaAs HFETPD 46438
Thompson, D.A. *see* Boudreau, M. 26490
Thompson, D.A. *see* Comedi, D. 10666
Thompson, D.A. *see* Melville, D.L. 27731
Thompson, D.A. *see* Miller, T.L. 14575
Thompson, D.A. *see* Pang, Z. 26503
Thompson, D.A. *see* Parks, W.F. 20890
Thompson, D.C. *see* Oberhardt, M.R. 39148
Thompson, D.F., Wright, P.V. Half percent bandwidth coupled resonator filter design 2767
Thompson, D.G. *see* Maynard, L. 19674
Thompson, D.G. *see* Sahaida, S.R. 10733
Thompson, D.J., Bertsch, D.L., Fichtel, C.E., Hartman, R.C., Hofstadter, R., Hughes, E.B., Hunter, S.D., Hughlock, B.W., Kanbach, G., Kniffen, D.A., Lin, Y.C., Mattox, J.R., Mayer-Hasselwander, H.A., von Montigny, C., Nolan, P.L., Nel, H.I., Pinkau, K., Rothermel, H., Schneid, E.J., Sommer, M., Sreekumar, P., Tieger, D., Walker, A.H. Calibration of the Energetic Gamma-Ray Experiment Telescope (EGRET) for the Compton Gamma-Ray Observatory 7145
Thompson, D.O., Chimenti, D.E. *(editors)* Review of Progress in Quantiative Nondestructive Evaluation 9140
Thompson, D.R., Rodi, W., Toksoz, M.N. Nonlinear seismic diffraction tomography using minimum structure constraints 32077
Thompson, D.W., Harrington, J.T., Parker, K.A. 3 volt ASIC macrocells for PC and controller applications 18562
Thompson, F. *see* Hawkins, D.C. 4245
Thompson, F.D. *see* Thompson, C.M. 7444
Thompson, G. Design review: a structured approach 225
Thompson, G. The effect of thermally induced gain gradients in solid state lasers 3565
Thompson, G.H.B. *see* Gibbon, M. 35489
Thompson, J. *see* Schilz, J. 1927
Thompson, J.A. *see* Rothman, M.A. 12126
Thompson, J.B. *see* Mayer, E.H. 16632
Thompson, J.E., Sanders, G.A., III An approach to missile system development which combines simulation and hardware development unilaterally 24402
Thompson, J.H., Beyer, J.B., Nordman, J.E. Effects of finite junction length on the vortex-flow transistor 43353
Thompson, J.H., Jones, G.A.C., Ritchie, D.A., Linfield, E.H., Churchill, A.C., Smith, G.W., Houlton, M., Lee, D., Whitehouse, C.R. Effect of ion energy on Sn donor activation and defect production in molecular beam epitaxy GaAs doped with Sn ions during growth 2017
Thompson, J.H. *see* Brown, K.M. 28211
Thompson, J.P., Imes, W.G. A comparison of fault protection methods for a 200 kHz PWM buck regulator 47985
Thompson, J.R. Suppression of classical intensity fluctuations via competing nonlinear processes in an optical fiber 2971
Thompson, J.R. Integrated paper machine diagnostic system 6336
Thompson, J.R. *see* Liu, H.C. 23635
Thompson, J.R. *see* Liu, H.C. 46442
Thompson, K.A. *see* Ruth, R.D. 46776
Thompson, M. SCTC analysis estimates low-frequency −3-dB point [amplifiers] 1083
Thompson, M. Network tricks aid in OCTC circuit analysis 26633
Thompson, M. *see* Lam, W. 19120
Thompson, M. *see* Larson, L. 34239
Thompson, M. *see* Nguyen, L. 1526
Thompson, M.A. *see* Brown, J.J. 27203
Thompson, M.A. *see* Matloubian, M. 1503
Thompson, M.A. *see* Matloubian, M. 42211
Thompson, M.A. *see* Rosenbaum, S.E. 1635
Thompson, M.A. *see* Schramm, J.E. 27746
Thompson, M.J. *see* Hack, M. 28158
Thompson, M.J. *see* Schiff, E.A. *(editor)* 17746
Thompson, M.O. *see* Brunco, D.P. 6839
Thompson, M.O. *see* Kim, H.J. 9685
Thompson, M.R., Brown, R.W., Srivastava, V.C. An inverse approach to the design of MRI main magnets 43370
Thompson, M.S. *see* Graham, J.S. 22985
Thompson, M.W., Ho-Shin Chang Coherent detection in Laplace noise 44862
Thompson, P., May, K., Stone, R. Chromostereopsis: a multicomponent depth effect? 23787
Thompson, P. *see* Wang, J.J. 15640
Thompson, P.E., Davis, J.L., Yang, M.-J., Simons, D.S., Chi, P.H. Controlled *p*- and *n*-type doping of homo- and heteroepitaxially grown InSb 19523
Thompson, P.T., Silk, R., Samuel, R., Aldous, D. Exploitation of synchronous digital hierarchy features to provide multidestination satellite communications 14555
Thompson, P.T. *see* Holt, A.R. 29209
Thompson, R. *see* Cronstrom, H. 31804
Thompson, R. *see* Sobczak, J. 5346
Thompson, R.J. *see* Gauldin, M.A. 22728
Thompson, R.J. *see* Lee, H.S. 1937
Thompson, R.M. *see* Butts, K. 31898
Thompson, T.D. *see* Jagadish, C. 719
Thompson, T.N. *see* Anderson, G. 38901
Thompson, V. Videoconferencing: the next step? 45650
Thompson, W. *see* Jolic, K. 31464
Thompson, W.E. *see* Mamlook, R. 5082
Thompson, W.E. *see* Mamlook, R. 5083
Thompson, W.E. *see* Parra-Loera, R. 5084
Thompson, W.E. *see* Reihani, K. 5054
Thompson, W.E. *see* Reihani, K. 5055
Thoms, S. *see* Parkes, W. 35617
Thomsen, A., Brooke, M.A. A temperature stable current reference source with programmable output 9967
Thomsen, A. *see* Jessen, K.E. 14278
Thomsen, C. *see* Vestergaard-Poulsen, P. 38982
Thomsen, C.E. *see* Langford, R.M. 39076
Thomsen, E.V., Nylandsted Larsen, A., Hansen, J.L., Kringhoj, P., Shiryaev, S.Y., Weyer, G. Rapid thermal annealing of ion implanted strained $Si_{1-x}Ge_x$ 42632
Thomsen, P.L. *see* Jansson, B. 47490
Thomsen, P.L. *see* Roy, A.K. 47486
Thomson, A.C. *see* Sharma, V. 32209
Thomson, A.M. *see* Robinson, G.A. 46520
Thomson, D. *see* Gallegos, S.K. 37886
Thomson, D.J. Non-stationary fluctuations in "stationary" time series 33465
Thomson, D.J. *see* Said, R.A. 35052
Thomson, D.J. *see* Shafai, C. 19530
Thomson, D.J. *see* Shafai, C. 42621
Thomson, E. *see* Kennedy, I. 47068
Thomson, J., Jr. *see* Law, H.H. 34456
Thomson, J.R., Tottman-Traynor, E., Burns, W.K. Torness fuel route completion 25162
Thomson, M. *see* Coane, P. 2321
Thomson, M. *see* Cordi, A. 28714
Thomson, M.G.R. Incident dose modification for proximity effect correction 27954
Thomson, M.G.R. *see* Rosenfield, M.G. 27934
Thomson, N.R. *see* Sarkar, M.N.I. 23502
Thomson, N.S., Garcia, M. Telecommunication and EC regulations regarding specific markets, rates, standardization, data privacy and security 26019
Thomson, P.J. *see* Turner, T.R. 31924
Thomson, P.P. *see* Bhat, J.J. 24536
Thomson, R. Managing flash for solid state discs 34055
Thomson, R.J.S. *see* Lusk, T.A. 47463
Thomson, T. *see* Shields, C. 16698
Thonissen, M. *see* Munder, H. 34725
Thonnesen, G. *see* Coraiola, A. 5702
Thor, A.J. New international standards for quantities and units 46277
Thoraval, G. *see* Gaujacq, C. 39971
Thoraval, L., Carrault, G., Bellanger, J.J. Heart signal recognition by hidden Markov models: the ECG case 39063
Thorburn, M.A., Tripathi, V.K. Application of singular value decomposition for integral equation procedures in MIMICAD 10502
Thordson, J. *see* Wang, S.M. 41260
Thoren, K. *see* Neuhoff, H. 47768
Thorlby, J.P., Burr, A.G. Simulating fixed point systems 1275
Thorley, A. *see* Borley, S.J. 38113
Thorley, A.M. *see* Batchellor, C.R. 38094
Thormahlen, J., Williamson, T. TMPA builds a 138-kV transmission line in record-setting time 16388
Thorn, A.P. *see* Davies, I.G.A. 28880
Thorn, G.H. *see* Denike, A.C. 8178
Thornagel, R. *see* Stock, M. 23921
Thornburg, W.Q., Corrado, B.J., Zhu, X.D. Selective launching of higher-order modes into an optical fiber with an optical phase shifter 43446
Thorncraft, D. The role of public research in instrumentation development 38024
Thorndahl, L. *see* Carron, G. 15437
Thorne, G.C. *see* Walker, J.B. 15816
Thorne, L. *see* Sullivan, R. 25192
Thornley, J.K., Preston, M.E., King, T.G. Piezoelectric and electrostrictive actuators: device selection and application techniques 11419
Thornton, B.W., Vrotsos, T.A. MOS model statement quality assurance 42831
Thornton, B.W. *see* Vrotsos, T.A. 43080
Thornton, E., Spikings, C.R. Electromagnetic emission from an electric gun installation 44277
Thornton, J. *see* Kelliher, J.T. 18189
Thornton, J. *see* Llevada, F. 9281
Thornton, J.D. Engineering work station for rapid proto-typing of real time display systems 39169
Thornton, M., Bray, G. Combining television signals and a telephone circuit in a single coax drop 46240
Thornton, M.A., Nair, V.S.S. Behavioral to structural translation in ESOP form 34033
Thornton, N. *see* Cogan, A.I. 1550
Thornton, R.L. *see* Beernink, K.J. 35859
Thornton, R.L. *see* Bour, D.P. 3669
Thornton, R.L. *see* Karin, J.R. 29001
Thornycroft, J.M. *see* Hacker, R.J. 25278
Thorp, J.D., Dunnett, R.M., Dixon, A.M. ORION, minimizing reactive compensation on the electricity transmission system 7910
Thorp, J.S. *see* Ma, W. 24707
Thorp, J.S. *see* Phadke, A.G. 47608
Thorpe, A. *see* Tah, J.H.M. 17781
Thorpe, C. *see* Wettergreen, D. 24462
Thorpe, J. *see* Richardson, M. 27811
Thorpe, S.A., Hall, A.J. Nearshore side-scan sonar studies 39399
Thorpe, S.C. *see* Ray, A.K. 38582
Thorpe, S.C. *see* Wright, J.D. 6626
Thorpe, S.J. *see* Gross, O.J. 17336
Thorsen, P. *see* Hansen, S.L. 43794
Thorsen, P. *see* Lomholt Hansen, S. 30862
Thorvaldsen, P. *see* Gjertsen, K.M. 12949
Thorvaldson, J. *see* Tsay, R.-S. 18392
Thorvaldsson, T. *see* Plessky, V.P. 11439
Threatt, S. *see* Simons, F.O., Jr. 2623
Thresh, R.J. *see* Jarman, R.H. 20734
Throngnumchai, K. Ultralow on-resistance p-channel lateral DMOS fabricated on (110)-oriented Si substrate 20019
Thrope, G.B. *see* Memberg, W.D. 24351
Thrower, J.P. *see* Chow, M. 16486
Thrush, C.M. *see* Heremans, J. 1843

Thrush, E.J., Stagg, J.P., Gibbon, M.A., Mallard, R.E., Hamilton, B., Jowett, J.M., Allen, E.M. Selective and non-planar epitaxy of InP/GaInAs(P) by MOCVD 9630
Thrush, E.J. *see* Gibbon, M. 35489
Thrush, T. *see* Horowitz, M. 33939
Thu, T.B. *see* Petr, J. 28300
Thuente, D.J., Sedlmeyer, R.L. Rate-monotonic analysis of an advanced field artillery data system 7675
Thukaram, D. *see* Soman, S.A. 7804
Thulasiraman, K. *see* Lienig, J. 43072
Thull, B., Popp, H.-J., Rau, G. Man-machine interaction in critical care settings 39085
Thum, P.C. *see* Liew, A.C., Sr. 32443
Thumm, G. *see* Tyll, H. 16248
Thumm, M. Progress in the development of high-power millimeter- and submillimeter wave gyrotrons and of free electron masers 10622
Thumm, M. *see* Dumbrajs, O. 34475
Thumm, M. *see* Li Hongfu 4189
Thumser, U. *see* Bosch, D. 8725
Thune, P., Komm, R. ISO 9000: keys for the rapid deployment and registration in the electronic industry 34438
Thunhorst, J. Tracking with bar codes [PCB production] 27373
Thurai, M., Kozu, T., Kumagai, H. A rain retrieval method examined using airborne radar measurements of tropical storms 29168
Thurai, M. *see* Goddard, J.W.F. 32090
Thuralsingham, R. *see* Blahnik, C. 32608
Thurber, W.R. *see* Lowney, J.R. 15013
Thurein, I. *see* Christie, R.D. 32489
Thuring, B., Neubecker, R., Tschudi, T. Transverse pattern formation in liquid crystal light valve feedback system 3822
Thurlby, R. *see* Irving, M.R. 24877
Thurlow, A., Collins, J., McKee, P., Towers, J. Semiconductor laser array to fibre array coupling via diffractive microlenses 43386
Thurman, R.A. *see* Mowafy, L. 24585
Thurner, E.M. Formal description of bus interfaces using methods of system theory 30246
Thurnhofer, S., Lightstone, M., Mitra, S.K. Adaptive interpolation of images with application to interlaced-to-progressive conversion 30054
Thurnhofer, S. *see* Lightstone, M. 30067
Thursby, G. *see* Johnstone, W. 5962
Thursby, M.H. *see* Sanders, T.J. 375
Thurston, D.J. *see* Safoutin, M.J. 17772
Thurston, E.P. *see* Binder, M. 25629
Thurston, E.P. *see* Hart, M.C. 17186
Thurzo, I., Hrubcin, L., Bartos, J., Pincik, E. Current-voltage characteristics and charge DLTS spectra of proton-bombarded Schottky diodes on semi-insulating GaAs 11122
Thurzo, I., Pincik, E. Excess capacitance of Al/n-GaAs Schottky diodes prepared on Ar-(Ar+H)-ion-beam-etched surfaces 28087
Thutupalli, G.K.M. *see* Umadevi, P. 10591
Thyagarajan, K., Mahalakshmi, V., Shenoy, M.R. Performance comparison of different configurations for second harmonic generation in planar waveguides 21077
Thyagarajan, L. *see* Vijayan, P. 25348
Thyagarajan, V.R.M., Hafez, H.M., Falconer, D.D. Traffic study of TDMA-TDD in millimeter wave indoor wireless communications 37820
Thye Goh Tiong *see* Goh Tiong Thye
Thylen, L. Photonics in switching: european systems demonstrators and the long term perspective 20464
Thylen, L., Palm, T. Guided wave electronics: analogies and differences to photonics and what can it be used for? 28225
Thylen, L. *see* Johansson, S. 6053
Ti-Hao Chiang, Anastassiou, D. Two-layer coding of interlaced HDTV for graceful degradation 31012
Tian, H., Kim, K.W., Littlejohn, M.A., Mishra, U.K. Characteristics of $In_{0.52}Al_{0.48}As/In_{0.53}Ga_{0.47}As/InP$ HEMT's with n-and p-channel doping 35024
Tian, H., Matsudaira, T. Tribological characteristics of liquid lubricant on magnetic disks treated by far-UV radiation 2813
Tian, H. *see* Woolard, D.L. 19712
Tian, J.X. *see* Renfrew, A.C. 8585
Tian, M., Tran, D.P., Ligthart, L.P. Aperture admittance and matching technique of dielectric filled waveguide antennas 29303
Tian, R.S. *see* Ih, C.S. 5672
Tian, X., Moussanet, R. Current measurement using switch voltage drop in IGBT DC circuit breaker application 8712
Tian, Y.J. *see* Lu, H.B. 33716
Tian Baiqiang *see* Baiqiang Tian
Tian He Chen *see* Zhang You Kun 14590
Tian Huisheng *see* Liu Shutang 41548
Tian Jianguo *see* Zang Weiping 35916
Tian Li *see* Lin Kangchun 12307
Tian Lianggeng The watthour meter with impulsator 6686
Tian Lin-Lin *see* Xu Zeng-Pu 31187
Tian Mei *see* Li Fujian 5440
Tian Mei *see* Wang Haizhong 7864
Tian Shihong *see* Hui Zhongxi 43693
Tian Shulin *see* Chen Guangju 38375
Tian Wu *see* Qingyuan Wang 4834
Tian Xue-Qin *see* Xue-Qin Tian
Tian Yuke *see* Yuke Tian
Tian Yulian *see* Yulian Tian
Tian Yun *see* Zhao Yunhui 25822
Tian Zihua *see* Wu Xinghui 23747
Tian-Bo Deng, Soma, T., Murakami, J., Tadokoro, Y. A novel nonnegative decomposition method and its application to 2-D digital filter design 36682
Tian-Hua Liu, Jen-Ren Fu, Lipo, T.A. A strategy for improving reliability of field-oriented controlled induction motor drives 33090
Tian-lin Dong Frequency scanning of bi-grating coupler 30820
Tian-Xiao Zhang *see* Zhang Tian-Xiao
Tianchun Ye *see* Ozasa, K. 26450
Tiande Zhao *see* Huicong Hong 18131
Tianfu Wu *see* Wu Tianfu
Tiange Zhuang *see* Zhuang Tiange
Tianjin Hou *see* Ge Lan 43711
Tianjin Hou *see* Hou Tianjin
Tianjue Zhang, Yong Chen, Mingwu Fan Intelligent CAE system of CYCLONE type—cyclotron main magnet and its applications 15532
Tianlin Dong *see* Dong Tianlin
Tiano, A. *see* Tacconi, G. 4166
Tiano, A. *see* Tacconi, G. 6770
Tianqi Chen *see* Chen Tianqi
Tianqi Lie *see* Lie Tianqi
Tianren Yao *see* Yao Tianren
Tianshu Zhou *see* Zhou Tianshu
TianXiang Chen *see* Rong-Jiang Cao 7724
Tianxiong Xue, Fujii, T., Kuh, E.S. A new performance-driven global routing algorithm for gate array 33832
Tianzhu Xue *see* Xue Tianzhu
Tibbetts, D.J. *see* Gould, C.A. 5920
Tiberio, R., Maci, S., Toccafondi, A. An incremental theory of diffraction 12589
Tiberio, R. *see* Maci, S. 21206
Tiberio, R. *see* Maci, S. 21411
Tiberio, R. *see* Maci, S. 36131
Tiberio, R. *see* Manara, G. 4042
Tiberio, R.C. *see* Gabor, A.H. 11008
Tiberio, R.C. *see* Lercel, M.J. 27964
Tiberto, P. *see* Allia, P. 11453
Tice, G.A. *see* Brown, J.A. 32574
Tichatschke, R. *see* Kaplan, A.A. 559
Tichatschke, R. *see* Kaplan, A.A. 560
Ticheng Cai *see* Cai Ticheng
Tichenor, D.A., Kubiak, G.D., Malinowski, M.E., Stulen, R.H., Haney, S.J., Berger, K.W., Brown, L.A., Sweatt, W.C., Bjorkholm, J.E., Freeman, R.R., Himel, M.D., MacDowell, A.A., Tennant, D.M., Wood, O.R., II, Bokor, J., Jewell, T.E., Mansfield, W.M., Waskiewicz, W.K., White, D.L., Windt, D.L. Soft-X-ray projection lithography experiments using Schwarzschild imaging optics 27831
Tichenor, D.A. *see* Early, K. 27828
Tichenor, D.A. *see* Kubiak, G.D. 2308
Tichenor, D.A. *see* Kubiak, G.D. 19687
Tichenor, D.A. *see* Kubiak, G.D. 27827
Tichonov, G.V. *see* Dyachenko, P.P. 20660
Tichonova, L. *see* Shuk, P. 6644
Tichy, R.F. *see* Flajolet, P. 41219
Ticianelli, E.A. *see* Maia, G. 8742
Ticknor, A. *see* Blumenstock, K. 42666
Ticknor, A.J. *see* Lytel, R. 43520
Ticknor, A.J. *see* Van Eck, T.E. 3369
Ticknor, T. *see* Lytel, R. 20236
Tickoo, A.K. *see* Bhat, C.L. 31793
Tidhar, G. *see* Rotman, S.R. 29723
Tidlund, P. *see* Kroll, S. 20240
Tidman, D.A., Witherspoon, F.D., Parker, J.V. A gas-insulated railgun 36127
Tidrow, M.Z., Choi, K.K., Lee, C. Y., Chang, W.H., Towner, F.J., Ahearn, J.S. Voltage tunable three-color quantum well infrared photodetector 38504
Tidrow, M.Z. *see* Choi, K.K. 2472
Tidwell, S.C., Kim, G.H., Kimura, W.D. Efficient radially polarized laser beam generation with a double interferometer 3733
Tidwell, S.C., Seamans, J.F. 60-W, near-TEM_{00}, CW diode-end-pumped, Nd:YAG laser 20721
Tidwell, S.C. *see* Fisher, C.H. 20716
Tidwell, V.C., Glass, R.J. X-ray and visible light transmission as two-dimensional, full-field moisture-sensing techniques: a preliminary comparison 16015
Tie Jun Zhang *see* Zhang Tie Jun
Tie Manxia *see* Wang Shikui 45695
Tie-Bang Xie *see* Xie Tie-Bang
Tie-Min Jiao *see* Jiao Tie-Min
Tie-Xia Huang *see* Huang Tie-Xia
Tiecheng Bai *see* Bai Tiecheng
Tiede, U. *see* Schubert, R. 15770
Tiefel, T.H. *see* Jin, S. 41501
Tiefenbacher, S. *see* Schlaf, R. 33616
Tiefenthaler, K. Grating couplers as label-free biochemical waveguide sensors 46518
Tieger, D. *see* Thompson, D.J. 7145
Tielemans, L. *see* De Schepper, L. 26168
Tiemeijer, L.F. A single-pass single-amplifier polarization-insensitive semiconductor laser amplifier configuration 43908
Tiemeijer, L.F., Thijs, P.J.A., Binsma, J.J.M., von Roijen, R., von Dongen, T., von Helm, L.J.G. Improved selectivity and decreased spontaneous emission from an AR-HR coated SL-MQW DFB semiconductor laser amplifier 43935
Tiemeijer, L.F. *see* Thijs, P.J.A. 35870
Tien, C.-C. *see* Lo, W.-T. 1387
Tien, D. *see* Cagan, M. 11003
Tien Chang-Lin *see* Chang-Lin Tien
Tien Ching-Cheng *see* Ching-Cheng Tien
Tien Chung-Nan *see* Chung-Nan Tien
Tien Lang Tran *see* Lang Tran Tien
Tien Manh Nguyen On the effects of a spacecraft subcarrier unbalanced modulator 22502
Tien Manh Nguyen *see* Shihabi, M.M. 37969
Tien Sheng Chao, Wen Ho Chen, Sun, S.C., Hong Yi Chang An exothermic phenomenon of silicon oxidation by N_2O 2157
Tien-Hsin Chao *see* Hanying Zhou 13602
Tien-Hsin Chao *see* Li-Jen Cheng 24470
Tien-Jung Chen *see* Shu-Hsia Chen 43428
Tien-Ko Wang *see* Lih-Zen Kang 23999
Tien-Ren Tsao *see* Garcia, J.P. 5091
Tien-Ren Tsao *see* Wayman, J.L. 5086
Tien-Ren Tsao *see* Wayman, J.L. 5089
Tien-Shou Wu *see* Hir-Ming Shieh 43014
Tien-Yu Huang, Wu, J.-L.C. Priority promotion DQDB networks to improve fairness 45602
Tien-Yu Huang *see* Wu, J.-L.C. 37140
Tieng Quang Minh *see* Quang Minh Tieng
Tiequan Cai *see* Cai Tiequan
Tierney, B.L. *see* Johnston, W.E. 37467
Tierney, M., Newcombe, A., Curran, T., O'Sullivan, D. The dimensioning and provisioning of customer access links in a multiple network and multiple service environment 37571
Tiersten, H.F. *see* Zhou, Y.S. 20065
Tiersten, H.F. *see* Zhou, Y.S. 20109
Tiesis, V. *see* Saltenis, V. 6117
Tietavainen, A. *see* Litsyn, S. 29444
Tietavainen, A. *see* Tarnanen, H. 36469
Tietz, P. *see* Rostamkolai, N. 24900
Tietz, W. Competition and co-operation in telecommunications 45381
Tietz, W. Electronic delivery of unwanted messages in open communications systems 45395
Tietze, C., Schutze, T., Stronisch, V. Transistor convertor for light rail vehicles 25883
Tiexia Huang *see* Huang Tiexia
Tiffin, R.G. Tester checks integrity of vacuum interrupters on CBs 32966
Tiffin, S. *see* Davis, C. 33291
Tigelis, J.G. *see* Capsalis, C.N. 1750
Tigges, C.P. *see* Martens, J.S. 6757
Tiginyanu, I.M. *see* Pyshnaya, N.B. 42417
Tigner, M. Imperatives for future high energy accelerators 6870
Tigner, M. Superconducting linear colliders 46778
Tigner, M. *see* Padamsee, H. 6995
Tigner, M. *see* Padamsee, H. 15428
Tijhuis, A.G. Continuous-time discretized-space approach to modeling short-pulse propagation and scattering 44315
Tikhodeev, N.N. Test methods and reliability equipment for HV, SHV and UHV substations. 1. State-of-the-art external insulation 25602
Tikhodeev, N.N. Test methods and reliability of HV, EHV and UHV substation apparatus. II. Internal insulations 25618
Tikhomirov, A.E. *see* Svakhin, A.S. 44026
Tikhomirov, A.E. *see* Sychugov, V.A. 43804
Tikhomirov, A.Y., Svakhin, A.S., Sychugov, V.A. Single-beam holographic scheme for formation of focusing grating couplers on a waveguide surface 3935
Tikhomirov, S.A. *see* Goncharova, O.V. 3787
Tikhomirova, T.A. *see* Akimov, A.G. 11929
Tikhonov, A.I. *see* Vavinov, E.V. 8484
Tikhonov, D.S. *see* Badalyan, V.G. 18346
Tikhonov, D.S. *see* Badalyan, V.G. 18388
Tikhonov, E.A. *see* Rozuvan, S.G. 44016
Tikhonov, O.S. *see* Bykov, V.L. 14539
Tikhonov, V.V. *see* Batalov, A.A. 46920
Tikhonov, Yu.A. *see* Bes'chastnov, P.M. 46433
Tikhonova, A.A. *see* Givargizov, E.I. 793
Tikhonravova, L.V., Baharev, S.I. Microwave signal separation on magnetostatic surface waves 28392
Tikhotski, A.S., Zalkind, V.I. Hall current leakage at the constricted mode of discharge on electrodes of MHD-generator 25718
Tikhovsky, V.Y., Shifrin, Y.S. Slit-coupled microwave waveguide-cavity devices 12699
Til, R.P.Van *see* Van Til, R.P.
Til, V.E. *see* Goryunov, V.N. 16775
Tilborg, C.A.van *see* van Tilborg, C.A.
Tilborg, H.C.A.van *see* van Tilborg, H.C.A.
Tilburg, J.van *see* van Tilburg, J.
Tilden, R. *see* Avery, R.E. 7258
Tildesley, P. *see* Steyn-Ross, M.L. 24513
Tilki, J.F., Beex, A.A. Parametric modeling and reconstruction of acoustic signals 44910
Tilki, J.F., Beex, A.A. Image data compression using multiple bases representation 45155
Till, J.W.J.baron van *see* baron van Till, J.W.J.
Tillery, J. *see* Tripp, V. 44565
Tilley, D.G. *see* Gaborski, R.S. 45117
Tilley, D.G. *see* Monaldo, F.M. 39400
Tilley, K., Wu, X.-D., Chang, K. Wideband transition from conductor-backed coplanar

waveguide to modified coplanar stripline using multiple substrates 10412
Tilley, K., Wu, X.-D., Chang, K. Coplanar waveguide fed coplanar strip dipole antenna 36370
Tilley, R. *see* Abbott, R.C. 32682
Tilli, M. *see* Prieur, E. 644
Tilliette, Z.P. The HTGR technology: a way to a 50% efficient nuclear power generation 39842
Tillman, C. *see* Herrlin, K. 7348
Tillman, J.M. *see* Mitchell, T.L. 45593
Tillstrom, A. *see* Rorgren, R. 17923
Tilmans, H.A.C., Bouwstra, S. A novel design of a highly sensitive low differential-pressure sensor using built-in resonant strain gauges 31202
Tilmans, H.A.C., Elwenspoek, M. Quasi-monolithic planar load cells using built-in resonant strain gauges 31201
Tilmans, H.A.C., Legtenberg, R., Schurer, H., Ijntema, D.J., Elwenspoek, M., Fluitman, J.H.J. (Electro-) mechanical characteristics of electrostatically driven vacuum encapsulated polysilicon resonators 38483
Tilmans, H.A.C. *see* Bouwstra, S. 6389
Tilson, P.G., March, B.T., Edwards, S., Chee, M.S., Abeygunawardana, D.G.A., Coleman, G.M., Legge, E.R. Measuring maintenance effectiveness in the power industry 16493
Tiltges, D.L., Branch, R.D. Modernization of 84-in. pickle line drives at U.S. Steel, Gary works 25958
Tilton, M. *see* Fair, D.C. 6693
Tilton, M.L. Modelling of hybrid amplifier and resonator configurations for high-brightness semiconductor lasers 28914
Timan, B.L. *see* Malikov, V.Ya. 2865
Timans, P.J. *see* Srinivas, T.A.S. 31222
Timashev, V.V. *see* Pozhela, J. 43240
Timashova, L. *see* Gorelov, A. 35523
Timashova, L.V. *see* Jermendy, L. 7973
Timchenko, I.N. *see* Voronina, T.I. 42416
Timko, A.G. *see* Nalamasu, O. 11060
Timko, A.G. *see* Ohfuji, T. 11066
Timm, M. *see* Rothe, H. 46480
Timmer, C.A. *see* Nguyen, D.C. 43972
Timmer, C.A. *see* Sheffield, R.L. 44008
Timmer, P.F. *see* Heine, E. 15566
Timmerhaus, K.D. *see* Rawlins, W. 15250
Timmerman, D. *see* Bantelmann, H. 40898
Timmerman, K. *see* Melzer, D. 26523
Timmerman, P. *see* Weidner, J.W. 48080
Timmermann, C.C. Signal and noise analysis of noisy 2-port-networks on the pocket calculator HP48. II. Applications 949
Timmermann, D. *see* Sundsbo, I. 21488
Timmermans, C.C. Signal and noise analysis of noisy 2-port-networks on the pocket calculator HP 48 10427
Timmermans, C.J. *see* Boling Xi 15556
Timmermans, C.J. *see* Kleeven, W.J.G.M. 7057
Timmermans, C.J. *see* Webers, G.A. 15537
Timmermans, J.C.M., van Goor, F.A., Witteman, W.J. A new mode to excite a gas-discharge XeCl laser 35681
Timmermans, J.C.M. *see* van Goor, F.A. 20652
Timmers, T. *see* van Mulligen, E.M. 5571
Timmert, H.-P. *see* Feilcke, F. 8097
Timmert, H.P. *see* Bonicelli, T. 1065
Timmert, H.P. *see* Bonicelli, T. 8580
Timmoneri, L., Proudler, I.K., Farina, A., McWhirter, J.G. QRD-based MVDR algorithm for adaptive multipulse antenna array signal processing 46088
Timochko, B.M. *see* Angelskii, O.V. 21098
Timofeenko, Yu.I. *see* Petrenko, A.I. 985
Timofeev, A.V. *see* Glagolev, V.M. 40496
Timofeev, T.T. *see* Babin, S.A. 44017
Timofeev, V.A. *see* Davydov, D.N. 12540
Timofeev, V.G. *see* Bykov, V.N. 29277
Timofeev, V.I. *see* Moskalyuk, V.A. 43027
Timofeev, Y.A. *see* Kuzemskaya, I.G. 38643
Timofeyeva, A.A., Kozlovskaya, I.A. A method of improving the matching of dephased horns with a sharp bend in the generatices over a specified frequency band 12731
Timohovich, E. An approach to protocol entity model development for embedded testing 37132
Timoshchuk, I.V. *see* Baranov, I.Ya. 43728
Timoshechkin, M.I. *see* Naito, K. 35706
Timoshechkin, M.I. *see* Sigachev, V.B. 20733
Timoshenko, G.N. *see* Aleinikov, V.E. 15648
Timoshenkov, S.P. *see* Bushlyakov, A.I. 47972
Timoshkin, A.I. A technique of realization for one class of two-testable k-valued logic elements 33959
Timucin, D.A., Walkup, J.F., Krile, T.F. Accuracy in analog optical processors: statistical analysis 36893
Tin Win, Li, M.Y., Malos, J.T., Heckenberg, N.R., Weiss, C.O. Comparison of transient emission of a NH_3 ring laser with the Lorenz-Haken model 3466
Tincknell, M.L. *see* Hanger, J.A. 31668
Tindell, L. *see* Larson, L.R. 19246
Ting, A. *see* Krall, J. 6896
Ting, D.Z.-Y., Kirby, S.K., McGill, T.C. Interface roughness effects in resonant tunneling structures 42455
Ting, D.Z.-Y. *see* Feenstra, R.M. 42538
Ting, G., Song, P.S., Tsai, Z.T., Chen, C.C., Wang, W.H., Tong, Y.C. Test results of INER TR30/15 compact cyclotron and isotope production facilities 46833
Ting, H.F., Yao, A.C. A randomized algorithm for finding maximum with $O((\log n)^2)$ polynomial tests 41051
Ting, H.M. *see* Sriharan, S. 32860
Ting, L.M., May, J.S., Hunter, W.R., McPherson, J.W. AC electromigration characterization and modeling of multilayered interconnects 42767
Ting, R.Y. Composite piezoelectric materials for transduction 39414
Ting, Y.-M. *see* Radke, C.E. 337
Ting Chen *see* Chen Ting
Ting Guo *see* Guo Ting
Ting Luo *see* Luo Ting
Ting Mei, Monghua Xia, Peifu Gu, Dekang Zhao, Haifeng Li, Xu Liu, Jinfa Tang A visible-to-infrared dynamic image converting system with a liquid crystal light valve 31292
Ting Yee-Ming *see* Yee-Ming Ting
Ting Zhao *see* Zhao Ting
Ting Zheng Installing a CD-ROM LAN using Novell NetWare and SCSI Express. The University of Wisconsin Whitewater experience 45628
Ting-Chang Chang *see* Tz-Guei Jung 26448
Ting-Chao Zhao *see* Zhao Ting-Chao
Ting-Chi Wang, Wong, D.F. Graph-based techniques to speed up floorplan area optimization 981
Ting-Chiang Hsieh *see* Jia-Shyong Cheng 6704
Ting-Chung Chen, Shaw-Min Lei, Ming-Ting Sun Continuous presence video bridging based on H.261 standard 30547
Ting-Chung Poon *see* McNeill, M.D. 43564
Ting-Hai Chao, Yu-Chin Hsu Rectilinear Steiner tree construction by local and global refinement 33803
Ting-Huei Lin *see* Hung-Chun Chang 11624
Ting-Jie Luee, Xiong Jian Liang, Hasegawa, T. A loss system with correlated access control of multiple call streams 13881
Ting-Ting Hwang *see* Kuo-Hua Wang 18639
Ting-Xi Gu *see* Gu Ting-Xi
Ting-Yu Chang, Ching-Tsai Pan A field acceleration method for induction motor drive using a novel space vector based current controller 8835
Ting-Yu Chang *see* Ching-Tsai Pan 17479
Ting-Yu Chang *see* Ching-Tsai Pan 33092
Tinga, W.R. *see* Baiqiang Tian 38671
Tinga, W.R. *see* Baiqiang Tian 46586
Tingao Tang *see* Tang Tingao
Tinghuai Chen *see* Chen Tinghuai
Tingleff, J., Toumazou, C. CMOS integrated current mode wave active filters 10280
Tingqing Zhang *see* Zhang Tingqing
Tinguely, C., Bart, A., Germond, A.J. Knowledge base for an expert system used for steady state security analysis 32287
Tinguely, C., Germond, A. Artificial intelligence makes its entry in control centres. Sesam—an expert modular system for the security analysis of electricity transmission networks 24638
Tinguely, C., Germond, A.J., Liu, C.-C. Fuzzy filtering for power system security assessment 32195
Tingye Li Next-generation lightwave transmission systems 30834
Tinham, B. Weighing up the pros and cons [load cells] 6345
Tinham, B. Why fix it if it ain't broke? [preventive maintenance] 26142
Tinham, B. Temperature sensors under the spotlight 38461
Tinka, I.I. *see* Cillik, I.I. 39886
Tinker, P. Real training in the virtual world 26111
Tinniswood, A., Tyrrell, A.M., Cloude, S.R. Parallel implementation of time domain integral equation techniques in electromagnetics 44411
Tinnium, K.N., Rastgoufard, P., Duvoisin, P.F. Cost-benefit analysis of electric power system reliability 47445
Tino, G.M., Inguscio, M., Pavone, F., Marin, F. Line-narrowing and fast modulation of AlGaAs and InGaAlP semiconductor diode lasers 35867
Tino, G.M. *see* Santarelli, G. 20909
Tiong Thye Goh *see* Goh Tiong Thye
Tiong Yap Kian *see* Yap Kian Tiong
Tipenko, Yu.S. *see* Antipenko, B.M. 35747
Tipper, D., Hammond, J.L., Sharma, S., Khetan, A., Balakrishnan, K., Menon, S. An analysis of the congestion effects of link failures in wide area networks 37499
Tipping, R.H. *see* Bauer, A. 4121
Tipsuwanporn, V. *see* Dejhan, K. 10366
Tipsuwanporn, V. *see* Dejhan, K. 18520
Tipton, D.F. *see* Armstrong, M.L. 29048
Tipton, G.D., Blain, M.G., Westerfield, P.L., Trutna, L.S., Maxwell, K.L. Optimization of an electron cyclotron resonance plasma etch process for n^+ polysilicon: HBr process chemistry 42672
Tipton, M.C. *see* Yen, A. 2274
Tipton, P. *see* Amidei, D. 46890
Tipton, P. *see* Tkaczyk, S. 46989
Tirado, F. *see* Olcoz, K. 19948
Tirakis, A. *see* Delopoulos, A. 13785
Tiranov, D.T. *see* Nepogodin, I.A. 15985
Tirkel, A.Z., Osborne, C.F., Mee, N., Rankin, G.A., McAndrew, A. Maximal connected sets—application to microcell CDMA 45857
Tirler, R. *see* Malara, P. 5513
Tirole, N., Hauden, D., Blind, P., Froelicher, M., Gaudriot, L. 3D silicon electrostatic microactuator 29112
Tirole, N. *see* Hauden, D. 46419
Tironi, E. *see* Bellon, A. 7735
Tironi, E. *see* Cavallini, A. 47341
Tirosh, E. *see* Alumot, D. 17933
Tirosh, E. *see* Sherman, R. 433
Tisch, B. *see* Schall, W.O. 12002
Tischenko, A. *see* Oraevsky, V. 21260
Tischer, J. *see* Koenemann, B. 1186
Tischer, R.E. *see* Claussen, R.L. 8127
Tischhofer, K. *see* Moritz, N. 3472
Tischler, J.Z. *see* LeGoues, F.K. 9569
Tischler, M.A. *see* Collins, R.T. 3323
Tischler, M.A., Collins, R.T., Thewalt, M.L.W., Abstreiter, G. *(editors)* Silicon-Based Optoelectronic Materials Symposium 17744
Tisdale, W.R.H. *see* Johanson, G.A. 30636
Tisdale, W.R.H. *see* Johanson, G.A. 37160
Tiselj, I. *see* Petelin, S. 39876
Tishchenko, A.V. *see* Loktev, S.M. 28493
Tishchenko, A.V. *see* Sychugov, V.A. 29271
Tishchenko, D.A. *see* Borisov, L.A. 42137
Tishchenko, O.A. *see* Goryunov, V.N. 16775
Tishin, V.G. *see* Brouk, V.L. 15456
Tishler, A., Ye, Y. Minimal adjustment costs, factor demands, and seasonal time-of-use electricity rates 7823
Tisinger, E. *see* Gass, C. 43018
Tison, C., Bruneel, H. Selective repeat ARQ with memory 30221
Tison, S.A., Mohan, P. Using characterized variable reservoir helium permeation leaks to generate low flows 46671
Tisserand, J.C. *see* Clube, F. 12434
Tisserant, S. *see* Ambrosini, G. 38898
Tissier, A. *see* Normandon, P. 19626
Titarenko, A.M. *see* Zuyev, N.G. 1098
Titchmarsh, J.G. Failure rate as the true parameter of optical fibre reliability 3059
Titchmarsh, J.G., Chown, M. Submarine cables: the ultimate in reliability? 38059
Titko, A.I. *see* Schastlivyi, G.G. 8292
Titlebaum, E.L. *see* Maric, S.V. 5568
Titov, A. *see* Cushman, P. 24012
Titov, A.A., Melikhov, S.V. Wide-band power amplifier with protection 1557
Titov, V.V. Analytical and numerical methods for modeling ion-optic systems of a quadrupole mass spectrometer 47014
Tittel, F.K. *see* Hofmann, T. 12364
Tittel, F.K. *see* Hofmann, T. 20633
Tittel, F.K. *see* Nemkovich, N.A. 20606
Tittel, F.K. *see* Simon, U. 20993
Tittelbach, G., Richter, B., Karthe, W. Comparison of three transmission methods for integrated optical waveguide propagation loss measurement 11660
Tittelbach-Helmrich, K. An integration method for the analysis of multiexponential transient signals 23500
Tittelbach-Helmrich, K. *see* Morgenstern, T. 18294
Titus, J.L. *see* Brews, J.R. 34987
Titze, I.R., Winholtz, W.S. Effect of microphone type and placement on voice perturbation measurements 38980
Titze, O. *see* Genz, H. 15271
Tiunov, M.A. *see* Baryshev, Y.V. 31656
Tiusanen, M. *see* Eskelinen, P. 12729
Tiwald, W. Type-approval tests on GSM/PCN base stations with Test System TS 8510 37848
Tiwari, A.K. *see* Kumar Rastogi, A. 3103
Tiwari, A.K. *see* Kumar Rastogi, A. 6760
Tiwari, A.K. *see* Rastogi, A.K. 4176
Tiwari, A.K. *see* Rastogi, A.K. 4177
Tiwari, S. *see* Akhtar, S. 35020
Tiwari, S.N. *see* Singh, G.K. 40157
Tiwari, T., Jha, R.K. Synthesis of parallel flow Pierce electron gun 27400
Tiwari, T., Tiwari, V.N., Jha, R.K. Synthesis of gridded convergent Pierce electron gun used for pulsed TWT 27433
Tiwari, V.N. *see* Tiwari, T. 27433
Tixador, P., Leveque, J., Brunet, Y., Pham, V.D. Hybrid AC superconducting current limiter: small-scale experimental model 39671
Tiziani, A. *see* Bonollo, F. 21141
Tiziani, A. *see* Bonollo, F. 44177
Tiziani, H.J. *see* Hembd, C. 36082
Tiziani, H.J. *see* Wieland, P. 6591
Tjahjadi, T. *see* Dale-Jones, R. 4830
Tjalkens, T.J., Shtarkov, Y.M., Willems, F.M.J. Context tree weighting: multi-alphabet sources 12877
Tjalkens, T.J. *see* Willems, F.M.J. 12876
Tjhung, T.T. *see* Chew, Y.H. 45944
Tjhung, T.T. *see* Ng, C.S. 4366
Tjoelker, R.L. *see* Prestage, J.D. 23381
Tjugiarto, T. *see* Arkwright, J. 37654
Tjugiarto, T. *see* Hewlett, S.J. 35338
Tjugiarto, T. *see* Peng, G.D. 43427
Tkach, K.G. *see* Eremin, A.G. 24438
Tkach, R.W. *see* Chraplyvy, A.R. 37984
Tkach, R.W. *see* Gnauck, A.H. 30853

Tkach, V.N. Precision studies of synthetic diamonds using Kossel's method 42397
Tkachenko, A.D. *see* Khrebtov, I.A. 6486
Tkachenko, A.I. Variational interpretation of dual methods of velocity calculation 23907
Tkachenko, B.G. *see* Sergeyenko, N.M. 25753
Tkachenko, D.A. Qualitative indices of broadcast transmitters in a single-sideband mode 23271
Tkachenko, G.I. *see* Ershov, Yu.K. 4014
Tkachenko, L.M. *see* Ageev, A.I. 15546
Tkachenko, S.A. *see* Dzhangirov, V.A. 24658
Tkachenko, T.M., Shadrov, V.G., Vasilyev, E.A., Semeshko, A.V., Boltushkin, A.V., Komarovskaya, Ya.D. Investigation of film metal-oxide heterostructures on alumite surface by Mossbauer effect 28353
Tkachenko, V.I. *see* Kirilenko, A.A. 21296
Tkachenko, V.M. *see* Maslov, V.A. 43706
Tkachenko, V.V. *see* Yerokhovets, V.K. 28438
Tkachenko, Y.A. *see* Wei, C.J. 6763
Tkachenko, Y.A. *see* Wei, C.J. 38657
Tkachenko, Yu.A. *see* Bakuta, V.G. 38766
Tkachev, Yu.D., Lysenko, V.S., Turchanikov, V.I. Modelling of radiation-induced charge trapping at the Si^*-SiO_2 interface of MOS structures 10771
Tkacz, S. *see* Swartz, M. 16109
Tkaczyk, S., Carter, H., Flaugher, B., Gonzales, B., Hrycyk, M., Nelson, C., Segler, S., Shaw, T., Turner, K., Wesson, T.R., Barnett, B., Boswell, C., Skarha, J., Snider, F.D., Spies, A., Tseng, J., Barbaro-Galtieri, A., Carithers, W.C., Ely, R., Haber, C., Holland, S., Kleinfelder, S., Produit, N., Schneider, O., Shapiro, M.D., Wester, W., Wong, M., Yao, W., Amidei, D., Derwent, P.F., Dunn, A., Song, T., Vejcik, S., Bacchetta, N., Gold, M., Matthews, J., Bisello, D., Busetto, G., Castro, A., Loreti, M., Pescara, L., Bedeschi, F., Bolognesi, V., Dell'Agnello, S., Galeotti, S., Mariotti, M., Menzione, A., Punzi, G., Raffaelli, F., Ristori, L., Tartarelli, F., Turini, N., Wenzel, H., Zetti, F., Bailey, M.W., Garfinkel, A.F., Shaw, N.M., Hughes, R., Tipton, P., Watts, G. The CDF silicon vertex detector 46989
Tkaczyk, S. *see* Abbott, B. 7245
Tkaczyk, S. *see* Amidei, D. 46890
Tkaczyk, S. *see* Bedeschi, F. 38912
Tkalich, A.K. *see* Sokolov, I.A. 19565
Tkatchenko, A. *see* Nghiem, P. 6974
Tkhorik, Yu.A., Vdovin, V.I., Khazan, L.S., Konakova, R.V., Milenin, V.V., Naumovets, A.A. On a diffusion mechanism of intrinsic stress relaxation in AuGe-GaAs contacts 19439
Tkotz, R. *see* Boggasch, E. 7018
Tkotz, R. *see* Kowalewicz, R. 15411
Tkotz, R. *see* Mehr, T. 42277
Tkotz, R. *see* Stetter, M. 15412
Tkotz, R. *see* Tauschwitz, A. 7017
Tkotz, R. *see* Tauschwitz, A. 31573
Tlamicha, A. *see* Jiricka, K. 46147
To, K.W.V., David, A.K. Development and laboratory validation of optimal and adaptive methods of co-ordinated AC/DC system control 16247
To, M., Neusy, P. Unavailability analysis of long-haul networks 38064
To, P.T. *see* Cheung, K.W. 30711
To, P.T. *see* Wong, P.C. 5240
To-Sing Li *see* Pole-Shang Lin 19497
Toal, V. *see* Martin, S. 12462
Toba, A., Omoto, A. Japanese utility's status and expectation in the simulation technology 16577
Toba, H., Oda, K., Nosu, K. A demand-assign optical frequency-division-multiple-access star network 6081
Toba, H. *see* Inoue, K. 5974
Toba, H. *see* Nakazawa, N. 6218
Toba, H. *see* Nosu, K. 6057
Toba, H. *see* Oda, K. 5639
Toba, H. *see* Oda, K. 6060
Toba, H. *see* Oda, K. 30722
Toba, H. *see* Oda, K. 30856
Toba, H. *see* Takahashi, H. 28897
Tobar, M.E. Effects of spurious modes in resonant cavities 2915
Tobar, M.E., Blair, D.G. Phase noise analysis of the sapphire loaded superconducting niobium cavity oscillator 42205
Tobar, M.E. *see* Costa, M.E. 27243
Tobar, M.E. *see* Ivanov, E.N. 4265
Tobben, D. *see* Engelhardt, C.M. 42507
Tobben, H. *see* Hofle, W. 3544
Tobben, H. *see* Karasek, M. 35743
Tobe, A. *see* Oku, K. 27438
Tober, B. *see* Willett, P. 21742
Tober, R.L., Bahder, T.B. Determining the electric field in [111] strained-layer quantum wells 1880
Tobes, A., Burr, A.G. Predetection filter implementation for GMSK demodulators 5801
Tobias, H., Paffett, M.T., Pappin, P.A., Valerio, J., Gottesfeld, S. Elimination of Pt Electrocatalyst Poisoning by CO in Polymer Electrolyte Fuel Cells: Possible Implications in Direct Methanol Fuel Cells 17292
Tobin, A. *see* Jardine, A.P. 3070
Tobin, A. *see* Madsen, J.S. 20318
Tobin, A.G., Pak, Y.E. Effect of electric fields on fracture behavior of PZT ceramics 20042
Tobin, J.A. *see* Guifang Li 21039
Tobin, M.S. *see* Leavitt, R.P. 35576
Tobin, N.P., Glynn, B. Evaluation and management of distribution system losses 24927
Tobin, P. *see* Bhattacharya, S. 28180
Tobin, P.J., Okada, Y., Ajuria, S.A., Lakhotia, V., Feil, W.A., Hedge, R.I. Furnace formation of silicon oxynitride thin dielectrics in nitrous oxide (N_2O): the role of nitric oxide (NO) 34761
Tobin, P.J. *see* Balasinski, A. 19853
Tobin, P.J. *see* Bhattacharya, S.S. 42937
Tobin, P.J. *see* Hedge, R.I. 9787
Tobin, P.J. *see* Hegde, R.I. 41427
Tobin, P.J. *see* Okada, Y. 42936
Tobin, R.C. *see* Peard, K.A. 28738
Tobin, R.L. A method for the analysis of equilibrium multipart prices in oligopolistic markets 14074
Tobin, W. *see* King, B.T. 38551
Tobise, M. *see* Dhaouadi, R. 8877
Tobise, M. *see* Dhaouadi, R. 33160
Tobita, M. *see* Inouye, T. 23275
Tobita, T. *see* Kizaki, M. 41517
Tobiyama, M. *see* Iwata, Y. 7312
Tobiyama, M. *see* Kikutani, E. 7000
Tobiyama, M. *see* Tamura, K. 23979
Toborg, S.T. *see* Campbell, M.L. 18934
Tobos, L. *see* Dragulinescu, D. 20635
Toby, H. Maintenance problems with specialized instrumentation used on CANDU systems, and methods used to improve equipment availability 16565
Toca, J.M.Perez *see* Perez Toca, J.M.
Toccafondi, A. *see* Maci, S. 36131
Toccafondi, A. *see* Tiberio, R. 12589
Tochon-Danguy, H.J. *see* Townsend, D.W. 15764
Tocnaye, J.L.de Bougrenet de la *see* de Bougrenet de la Tocnaye, J.L.
Tocnaye, J.L.De Bourgrenet De La *see* De Bourgrenet De La Tocnaye, J.L.
Toda, F. *see* Ogihara, M. 710
Toda, H., Kobayashi, A., Takagi, H., Suzuki, K., Ikeda, H., Murayama, Y. Development of 550 kV 1-break GCB. II. Development of prototype 25569
Toda, H. *see* Suzuki, K. 25568
Toda, H. *see* Yamagata, Y. 40377
Toda, H. *see* Zaima, E. 25570
Toda, K., Komiyama, S., Saeki, H., Honma, Y. MG3670A digital modulation signal generator 38585
Toda, K., Maruyama, T., Takamori, M., Yasumoto, M. Photoconductive device with anabaseine thin film layer 35570
Toda, K., Sakai, S. Crystallographic data of a new optoelectronic material Pb_5CrO_8 43615
Toda, K., Sawaguchi, A. Ultrasonic system for detecting defects in IC package using leaky Lamb wave device 301
Toda, K., Sawaguchi, A. Measurement of leaky surface acoustic wave velocity using interdigital transducer in a layered structure composed of piezoelectric ceramic and fused quartz 31528
Toda, K., Yamamoto, Y. Surface acoustic wave transducer in a layered structure composed of thin piezoelectric ceramic plate and glass 11444
Toda, K. *see* Sugizaki, G. 14977
Toda, N. *see* Shirai, Y. 7524
Toda, S. *see* Kataoka, T. 17457
Toda, T. *see* Ide, H. 20425
Toda, T. *see* Maeda, T. 20424
Toda, T. *see* Miyamoto, H. 20434
Toda, T. *see* Yoshihiro, M. 20432
Toda, Y. *see* Aoyama, T. 19829
Todaka, T. *see* Enokizono, M. 48366
Todaka, Y. *see* Keating, P.A. 44774
Todd, C.J. *see* Tandon, V. 5500
Todd, D.A., Robertson, G.R.J., Failes, M. Polarization-splitting polishing fiber optic couplers 3076
Todd, J.R., Hay, J.A., Brennan, M.E. Integrating fly-by-light systems 39211
Todd, J.R., Hay, J.A., Dinh, T. Integrating fly-by-light/power-by-wire flight control systems on transport aircraft 39294
Todd, J.R., Hay, J.A., Wallace, W.L., Summers, G.L. Enhanced/synthetic vision for transport aircraft 39245
Todd, J.R., Hester, R.B., Summers, L.G. Seeing through the weather: enhanced/synthetic vision systems for commercial transports 39222
Todd, J.R., Pilatos, J.C., White, J.A., Hug, N.L. Fly-by-light installation and maintenance on transport aircraft 39286
Todd, L. *see* Ramachandran, G. 30124
Todd, M. Audio data compression 44920
Todd, M., Capote, M.A. Multilayer printed circuits from transient liquid phase inks 42302
Todd, M.A. *see* Watton, R. 31282
Todd, M.J. Theory and practice for interior-point methods [linear programming] 41096
Todd, P.C. Power factor correction control circuits 25526
Todd, R. *see* Davison, D. 31709
Todd, R.A. *see* Arodzero, A. 7256
Todd, T.D., Liu, T., Taylor, D.P. A robust broadband headend switching algorithm 14195
Todd, T.D., Sivakumaran, S. Receiver allocation in photonic bus networks 6078
Todd-Pokropek, A. Quality assurance of instrumentation for single photon emission computerised tomography (SPECT) 24182
Tode, H., Sakai, Y., Yamamoto, M., Okada, H. Multicast routing scheme adequate for virtual path environment 37178
Tode, H., Yamamoto, M., Okada, H. A proposal of the switching architecture with fair output port contention 14356
Toderas, E. *see* Diaconescu, M. 25799
Todesco, M. *see* Namkung, S. 32430
Todhunter, J.S. *see* Lu, H.Q. 5125
Todoki, M. *see* Kumazawa, T. 43217
Todokoro, H. *see* Mizuno, F. 9327
Todokoro, H. *see* Sohda, Y. 28000
Todokoro, Y. *see* Kaneko, T. 15206
Todokoro, Y. *see* Sugiura, E. 2269
Todokoro, Y. *see* Tani, Y. 27854
Todokoro, Y. *see* Watanabe, H. 27937
Todokoro, Y. *see* Watanabe, H. 34861
Todokoro, Y. *see* Yoneda, K. 10893
Todori, K. *see* Sano, K. 12389
Todoroki, S. *see* Hirao, K. 3776
Toebaert, D. *see* Leys, C. 11959
Toebaert, D. *see* Sazhin, S. 3463
Toebaert, D. *see* Sazhin, S. 35696
Toet, D.Z. *see* Adam, W. 46929
Toevs, F. *see* Davison, D. 31709
Tofanelli, A. Prospects for copper-based systems 22751
Tofani, S. *see* Johnk, R.T. 36225
Toffer, H. *see* Heer, D.L. 23941
Toft, B. *see* Leonard, G. 31288
Toft, H. *see* Madsen, S. 15056
Toftgard, J. *see* Eggers, P.C.F. 5767
Tofuku, K. *see* Wakabayashi, T. 23829
Togami, A. *see* Sato, Y. 48071
Togami, Y., Okuyama, M., Hamakawa, Y., Kimata, M., Denda, M. Pyroelectric infrared image sensors using Si CCD and FET arrays 46489
Togami, Y. *see* Sato, K. 11475
Togano, K. *see* Nomura, K. 20168
Togashi, K. Evolving telecom products demand adaptations in connectors 14502
Togashi, M. *see* Ichino, H. 38037
Togawa, K. *see* Saka, T. 23991
Togawa, N., Awashima, T., Kaneko, K., Sato, M., Ohtsuki, T. A top-down hierarchical global and detailed routing algorithm for field-programmable gate arrays 26790
Togawa, S. *see* Hachiya, S. 15128
Togawa, S. *see* Okada, F. 20742
Toge, N. *see* Abe, K. 7260
Toge, N. *see* Abe, K. 15619
Toge, N. *see* Abe, K. 46930
Togneri, R., Farrokhi, D., Zhang, Y., Attikiouzel, Y. A comparison of the LBG, LVQ, MLP, SOM and GMM algorithms for vector quantisation and clustering analysis 4568
Togneri, R. *see* Zhang, Y. 13056
Tognetti, I. Sophisticated routing for complex printed circuits 19205
Togno, A. *see* Milanesi, S. 17142
Togno, A. *see* Rovetta, A. 39082
Tognolatti, P. *see* Bardati, F. 7320
Togura, K. *see* Sato, K. 9518
Toh, K.Y., Tzeng, Y.C., Warnock, J.D., Petrillo, E.J., Chuang, K.C.T., Sun, J.Y.C. A low-power static frequency divider circuit in bipolar technology 10138
Toh, S.L. *see* Tay, C.J. 29077
Toh Peng Seng *see* Peng Seng Toh
Tohda, T. *see* Kado, H. 2615
Tohjoh, M. *see* Ohya, J. 3568
Tohkura, Y. *see* Aikawa, K. 21681
Tohma, K. *see* Ishida, T. 28380
Tohmori, Y., Mawatari, H., Kano, F., Yoshikuni, Y., Yamamoto, N., Yamamoto, M., Yamanaka, T., Yokoyama, K. Narrow spectral linewidth with high power in 1.5 μm modulation-doped strained MQW-DFB lasers with reduced α-parameter 35895
Tohmori, Y., Yoshikuni, Y., Ishii, H., Kano, F., Tamamura, T., Kondo, Y., Yamamoto, M. Broad-range wavelength-tunable superstructure grating (SSG) DBR lasers 12169
Tohmori, Y. *see* Ishii, H. 20911
Tohmori, Y. *see* Kano, F. 12109
Tohmori, Y. *see* Mawatari, H. 43862
Tohmori, Y. *see* Suzuki, Y. 35773
Tohne, T., Koda, H., Tanaka, K. Directional filter constructed via discrete cosine transform and its application to image coding 29980
Tohyama, I., Hayasaki, Y., Yatagai, T., Mori, M., Ishihara, S. Renewal method of weight matrix in optical neural network 11737
Tohyama, I. *see* Hayasaki, Y. 20472
Tohyama, I. *see* Hayasaki, Y. 43574
Tohyama, M. *see* Takakuwa, C. 43918
Tohyama, S. *see* Tanabe, A. 31270
Toide, E. *see* Ishida, Y. 14603
Toigo, I. *see* Fratta, R. 8619
Toigo, V. *see* Bagatin, M. 25546
Toigo, V. *see* Divan, D.M. 25553
Toigo, V. *see* Gaio, E. 17064
Toinen, C. *see* Bosc, D. 35337
Toit, C.F.Du *see* Du Toit, C.F.
Toita, N. *see* Funabiki, S. 40298

Toivonen, L., Morsky, J. Measurement and processing of distortion quantities in a portable, multi-purpose analyzer 32505
Toivonen, M., Jalonen, M., Pessa, M., Lefebvre, K.R., Anderson, N.G. Experimental and theoretical studies of multi-quantum well structures for unipolar avalanche multiplication 10722
Tojo, T. *see* Higashiki, T. 42802
Tojo, T. *see* Kuwabara, S. 11024
Tojyo, E. *see* Tokuda, N. 15301
Tokai, M., ishizu, A. Hi-Vision receiver with MUSE decoder: simplified MUSE decoder 23318
Tokailin, H., Matsuura, M., Higashi, H., Hosokawa, C., Kusumoto, T. Characteristics of blue organic EL devices with distyryl arylene derivatives 35596
Tokaji, I. *see* Yoshinaga, H. 1605
Tokar, S. *see* Bellamy, E.H. 31733
Tokar, S. *see* Bellamy, E.H. 46956
Tokar, S. *see* Budagov, J. 46955
Tokar, S. *see* Fanourakis, G.K. 24011
Tokarev, V.P. *see* Shapovalov, V.P. 42685
Tokarevskii, V.V. *see* Atamanchuk, I.G. 27659
Tokarski, T.A. *see* Blomgren, J.C. 32604
Tokarsky, A.Ju. *see* Nikitin, O.A. 39620
Tokarz, A.J., Mahil, K.S. Recent uses of robotics for remote inspection and maintenance [Ontario Hydro nuclear plants] 16597
Tokashiki, K., Sato, K., Aoto, N., Ikawa, E. Multilayer resist dry etching technology for deep submicron lithography 27902
Toke, D. A dutch lesson for Littlechild [energy efficiency] 17418
Toker, E. *see* Piccaro, M.F. 7369
Toker, G.R. *see* Aleksandrov, M.T. 15895
Toker, O., Masciocchi, S., Nygard, E., Rudge, A., Weilhammer, P. VIKING, a CMOS low noise monolithic 128 channel frontend for Si-strip detector readout 38910
Tokeshi, K. *see* Kodama, R. 14351
Toki, M., Arai, H., Makimoto, M. Optimized design of stepped impedance dielectric coaxial resonators via TM mode analysis 1418
Toki, M., Fuchisawa, T. An analysis method of negative resistance and equivalent capacitance of CMOS crystal oscillators 41713
Toki, M., Tsuzuki, Y. Analysis of start-up characteristics of CMOS crystal oscillators 18519
Tokiguchi, K., Amemiya, K., Hakamata, Y., Yamada, S., Hirao, Y., Tokuda, N. Variable energy RFQ for MeV ion implantation 15328
Tokiguchi, K. *see* Amemiya, K. 46799
Tokioka, H. *see* Sugawara, T. 6690
Tokisue, H., Inoue, H. Particulate-contamination-free wafer-handling systems for gas, liquid and vacuum environments used in a 64 Mbyte dynamic random-access memory process 243
Tokita, S., Kobayashi, M., Yoshikawa, A. In-situ probing of the ZnSe metalorganic molecular beam epitaxy growth process by surface photo-interference method 41370
Tokiwa, K., Tanaka, H. Deriving the complete weight distribution of Reed-Solomon codes 44689
Tokiwa, Y., Ichikawa, F., Irokawa, S., Kitahara, T. Development of self-commutated SVC for power system 7827
Tokiwa, Y., Ichikawa, F., Suzuki, K., Inokuchi, H., Hirose, S., Kimura, K. Novel control strategies for HVDC system with self-contained converter 39576
Tokizaki, H. *see* Tanaka, K. 17617
Tokizawa, I., Kikuchi, K. ATM link system technologies - super high-speed information highway for future multimedia communication services 37662
Tokizawa, I. *see* Kawamura, R. 37348
Tokizawa, I. *see* Kawamura, R. 37598
Tokmachev, G.V. *see* Shvyryaev, Yu.V. 25181
Tokmakian, R. *see* Topliss, B.J. 24512
Tokmakoff, A., Marshall, C.D., Fayer, M.D. Optical parametric amplification of 1-kHz high-energy picosecond midinfrared pulses and application to infrared transient-grating experiments on diamond 3858
Toko, K. *see* Kikkawa, Y. 46357
Toko, K. *see* Matsuno, T. 42105
Toko, Y. *see* Sugiyama, T. 20413
Tokoi, H. *see* Yokoyama, H. 48085
Tokonami, M. *see* Iwakuro, H. 19433
Tokoro, M. *see* Shionozaki, A. 30205
Tokoro, M. *see* Shionozaki, A. 30509
Tokoro, T. *see* Yoshida, H. 38959
Tokoro, Y. *see* Aoyama, S. 2360
Toksoz, M.N. *see* Thompson, D.R. 32077
Toku, H. *see* Okada, M. 15575
Tokuda, H. *see* Chou, S.T.-C. 5336
Tokuda, H. *see* Morinaga, S. 48430
Tokuda, H. *see* Saito, Y. 19894
Tokuda, H. *see* Yoshinaga, H. 1605
Tokuda, K., Kobayashi, T., Imai, S., Chiba, T. Spectral estimation of speech by mel-generalized cepstral analysis 4542
Tokuda, M. *see* Murakawa, K. 29210
Tokuda, N., Arai, S., Imanishi, A., Morimoto, T., Shibuya, S., Tojyo, E. Performance characteristics of the INS 25.5 MHz split coaxial RFQ 15301
Tokuda, N. *see* Amemiya, K. 46799
Tokuda, N. *see* Okamura, M. 31560
Tokuda, N. *see* Takeda, O. 15522
Tokuda, N. *see* Tokiguchi, K. 15328
Tokuda, T. Architectural trend 18799
Tokuda, T. *see* Nakamura, K. 10194
Tokuda, T. *see* Nakamura, K. 34108
Tokuda, Y., Abe, Y., Tsukada, N. External bias voltage and incident light intensity dependent effects of quantum-confined excitonic transitions on bulk background photocurrent spectra 43630
Tokuda, Y., Abe, Y., Tsukada, N., Nara, S. Optically reversible switching between binary states using multistable loops 11682
Tokuda, Y., Suzuki, H., Katayama, M., Usami, A. Production of midgap electron traps by Ga out-diffusion in rapid-thermal-processed GaAs with SiO_2 encapsulants 1847
Tokuda, Y. *see* Abe, Y. 11843
Tokuda, Y. *see* Usami, A. 10767
Tokudera, S. *see* Kawakami, Y. 26451
Tokuhara, K. *see* Kaneko, Y. 11455
Tokuhira, M. *see* Matsumoto, H. 32634
Tokumaru, H., Arai, K., Yoshimura, S., Oshima, H. Recording experiment with rotating optical head for magnetooptical tape recording system 20430
Tokumaru, K. *see* Wada, M. 24908
Tokumaru, M., Kawasaki, K. Development of space environment monitor data transfer system for the space weather forecast 15992
Tokumaru, S., Ping, W. Scattering of circularly polarized waves by conducting circular cylinder—a consideration by circularly polarized energy flux densities 12575
Tokumaru, S., Tanaka, R. Circularly polarized energy flux densities 29350
Tokumaru, Y. *see* Mochizuki, K. 35335
Tokumasu, T. *see* Sakai, K. 11499
Tokumitsu, E. *see* Ming Oi 9581
Tokumitsu, E. *see* Qi Ming 18172
Tokumitsu, E. *see* Qi Ming 26441
Tokumitsu, E. *see* Shirahama, M. 18198
Tokumoto, H. *see* Morita, Y. 34755
Tokumoto, M. *see* Athas, G.J. 10015
Tokunaga, H., Kirihara, Y., Hatanaka, M., Aoki, T. Service operation system (INMOS-V0) based on operation system platform architecture 14015
Tokunaga, H. *see* Ichinose, M. 45663
Tokunaga, M. *see* Takedomi, S. 25467
Tokunaga, N., Yamato, I., Matsuda, Y., Amano, H. High-frequency link-type DC/AC converter for UPS with a new voltage clamper 17036
Tokunaga, R. *see* Kawashima, M. 22147
Tokunaga, T., Tanaka, Y., Miyazaki, T., Yoshizawa, T. Study on pattern drawing by a laser diode: drawing of optical filters with one-dimensional density distribution 11810
Tokuno, Y. *see* Mizutani, H. 34095
Tokura, N. *see* Kajiyama, Y. 37601
Tokura, N. *see* Yamaba, K. 23714
Tokura, Y. *see* Hirayama, Y. 10700
Tokura, Y. *see* Tarucha, S. 42533
Tokushige, T. *see* Umi, G. 34093
Tokushuku, K. *see* Smith, W.H. 38930
Tokushuku, N. *see* Kurebayashi, M. 14792
Tokutome, K. *see* Shishido, A. 23827
Tokuyama, M., Hirose, S. Dynamic flying characteristics of magnetic head slider with dust 35236
Tokuyama, T. *see* Motooka, T. 18163
Tokuz, L.C., Jones, J.R. Programmable modulation of motion using hybrid machines 17504
Tol, J.J.G.M.van der *see* van der Tol, J.J.G.M.
Tola, F. *see* Daniel, G. 31043
Toland, B., Houshmand, B., Itoh, T. Modeling of nonlinear active regions with the FDTD method 1562
Toland, B., Itoh, T. Boundary element calculation of conductor loss for a trapezoidal transmission line 4173
Toland, B., Itoh, T. Boundary element analysis of a trapezoidal transmission line 21304
Toland, B., Lin, J., Houshmand, B., Itoh, T. FDTD analysis of an active antenna 21375
Tolasz, R. *see* Sladek, I. 25334
Tolbanov, O.P. *see* Chmill, V.B. 31762
Tolbert, C.A., Bramwell, A.T. Perspectives on training relative to standardized guidance documents 39792
Tolbert, C.A. *see* Bramwell, A.T. 33264
Toledo, A.F.de *see* de Toledo, A.F.
Toledo, R. *see* Corkidi, G. 7392
Toledo-Crow, R., Vaez-Iravani, M., Smith, B.W., Summa, J.R. Characterization of atomic force microscopy and electrical probing techniques for IC metrology 15205
Tolg, S. *see* Theimer, W.M. 36788
Tolhuizen, L. *see* Blaum, M. 36523
Tolhuizen, L.M.G.M., Shah, I.A., Kalker, A.A.C.M. On constructing regular filter banks from domain bounded polynomials 45009
Toliyat, H.A., Hosseiny, A.A.Gh. Parameter estimation algorithm using spectral analysis for vector controlled induction motor drives 17481
Toliyat, H.A., Rahimian, M.M., Lipo, T.A. Analysis and modeling of five phase converters for adjustable speed drive applications 8576
Tolk, N. *see* McKinley, J.T. 44082
Tolkachev, V.S. *see* Abdullin, E.N. 3429
Tolksdorf, R. Laura: a coordination language for open distributed systems 45572
Tolkunov, V.P., Vasilets, T.E., Il'chakova, O.E. Selecting the optimum shape of extra pole-pieces for DC machines 8448
Tolle, H.-J. *see* Holl, E. 17023
Tolle, R. *see* Ernst, J. 31659
Tollefson, J. *see* Leonard, G. 31288
Tollenaere, T. *see* Van Hulle, M.M. 4894
Tollis, I.G., Si-Qing Zheng Ensuring compact VLSI layout by adjusting channel placement 18645
Tollis, I.G. *see* Cheng-Hsi Chen 41556
Tollis, I.G. *see* Tragoudas, S. 980
Tolly, K. Introduction to FDDI 22609
Tolly, K., Newman, D. FDDI bridges and routers 22608
Tolly, K., Newman, D. Wireless internetworking 45560
Tolly, K., Newman, D. High-end routers: an in-depth evaluation 45563
Tolmachev, I.I. *see* Bulgakov, V.F. 41530
Tolmachev, S.A., Grigorenko, M.Yu. An approach to the solution of the fuzzy covering problem 9404
Tolpygo, S. *see* Gurvitch, M. 35270
Tolsa, J., Salichs, M. Analysis of linear networks with inconsistent initial conditions 33848
Tolson, P. Electrostatic hazards: case histories 36112
Tolstik, A.L. *see* Agishev, I.N. 3843
Tolstik, A.L. *see* Ivanova, N.A. 3798
Tolstik, A.L. *see* Ivanova, N.A. 3840
Tolstobrov, M.G. *see* Arinushkin, V.N. 34910
Tolstobrova, N.V. *see* Belyayev, A.A. 47226
Tolstoguzov, A.B. *see* Aristarkhova, A.A. 9212
Tolstoy, A.I. *see* Berezikov, S.A. 19895
Tolzman, J.M. Newly available technologies present expanding opportunities for scientific and technical information exchange 14127
Tom, V.T., Peli, T., Leung, M., Bondaryk, J.E. Morphology-based algorithm for point target detection in infrared backgrounds 29832
Tom Wu, T.H., O'Brien, K., Hemmes, D.G. Comparison of passivation films: the effect of thermal cycles and comparison of phosphorous doped oxide films 27736
Tom-Moy, M. *see* Baer, R.L. 14950
Toma, C.E., Datcu, M. Maximum entropy and minimum cross-entropy methods in image processing 5062
Tomabechi, Y., Matsumura, K. Resonance characteristics of whispering gallery modes on a dielectric disk 10418
Tomabechi, Y., Shiraishi, K., Matsumura, K. Resonance characteristics of whispering gallery mode in dielectric circular disk for millimeter through optical wave integrated circuits 10424
Tomacruz, E. *see* Zuniga, M. 27971
Tomana, M., Johnson, R.W., Jaeger, R.C., Dillard, W.C. A hybrid silicon carbide differential amplifier for 350°C operation 18508
Tomantschger, K. *see* Roberge, P.R. 25646
Tomarov, G.V. *see* Povarov, O.A. 25222
Tomaru, S. *see* Hikita, M. 3170
Tomasch, G.A. *see* Lee, N.-E. 34502
Tomaselli, A. *see* Agnesi, A. 3740
Tomaselli, G.F. *see* Thakor, N.V. 24282
Tomasic, D., Zeljko, M., Klepo, M. New design of program package for electric energy balance on UNIX/RDBMS platform 24856
Tomasicchio, G. *see* Bachler, J. 46915
Tomasicchio, G. *see* Baechler, J. 46909
Tomasin, P. *see* Balbo, N. 8887
Tomasin, P. *see* Chiarelli, C. 16983
Tomasin, P. *see* Leonardi, F. 8635
Tomasin, P. *see* Malesani, L. 8631
Tomasini, B., Cassassolles, E., Poyet, P., de Lavalette, G.M., Siffredi, B. Multiple target tracking in a cluttered environment and intelligent track record. II 6150
Tomasini, B. *see* Cassassolles, E. 29644
Tomasini, B. *see* Tuveny, O. 21853
Tomasini, P. *see* Haidoux, A. 9567
Tomasov, A.A. *see* Ivanitskaya, O.I. 46857
Tomasovic, L., Marcek, A. Experimental module with TMS320C25 processor 18882
Tomasovic, L. *see* Marcek, A. 30121
Tomassini, G. *see* Faust, M. 8307
Tomassini, G. *see* Faust, M. 16829
Tomassini, G. *see* Gobbi, A. 47501
Tomasz, M. *see* Chen, R. 26724
Tomazic, G. Zinc-bromine batteries for electric motor cars 40400
Tomazic, G. Considerations regarding the comparison of traction batteries 40620
Tomazic, G.S. The zinc-bromine-battery development by SEA 48390
Tomazic, G.S. The zinc-bromine-battery development by SEA 48425
Tomazic, G.S. *see* Swan, D.H. 40621
Tomba, L. *see* Corvaja, R. 38085
Tombak, L., Safavi-Naini, R. Authentication codes with perfect protection 21553
Tombak, L. *see* Safavi-Naini, R. 21555
Tombak, L. *see* Safavi-Naini, R. 29479
Tombola, G. *see* Facco, A. 15404
Tombras, G. *see* Dangakis, K. 37826
Tombras, G. *see* Papavramidis, A. 37801

Tombs, F. Reversing the decline in manufacturing industry 26132
Tombs, J., Tarassenko, L., Cairns, G., Murray, A. Cascadability and in-situ learning for VLSI multi-layer networks 10378
Tomchuk, E.Ya. *see* Safronov, G.S. 13502
Tomczuk, B. Three dimensional leakage magnetic field calculation of reactor by integral equations method 10540
Tomczuk, B. *see* Zakrewski, K. 47939
Tome, A. *see* Principe, J.C. 7429
Tome, B. *see* Benvenuti, A. 7252
Tomeoka, H., Nakajima, H., Kawachi, Y., Nakamura, S., Watanabe, W. New daily hydro scheduling system for multi-chain hydro power system 24642
Tomescu, A. *see* Ionescu, R. 34525
Tomesen, M. *see* Depovere, G. 30858
Tomesen, M. *see* Kuindersma, P.I. 5984
Tomesen, M. *see* Kuindersma, P.I. 38132
Tomesen, M.T. *see* Hageraats, H. 42096
Tomida, H. *see* Manabe, T. 25588
Tomida, K., Namikawa, T., Yamazaki, Y. Preparation of solid electrolyte thin films for relaxing thermal stresses 17332
Tomida, S. *see* Yamada, H. 12139
Tomida, S. *see* Yamada, H. 28879
Tomie, T. *see* Matsushima, I. 3427
Tomie, T. *see* Owadano, Y. 3424
Tomikawa, T. A labeling of projected patterns in associative mappings—image retrieval as an example 24234
Tomikawa, T. *see* Matsuo, K. 12530
Tomikawa, T. *see* Tsuno, T. 26407
Tomikawa, T. *see* Tsuno, T. 33642
Tomikawa, Y. *see* Aoyagi, M. 25470
Tomikawa, Y. *see* Aoyagi, M. 32883
Tomikawa, Y. *see* Kanbe, N. 2736
Tomikawa, Y. *see* Kusakabe, C. 25471
Tomikawa, Y. *see* Xiaoduo Chen 25472
Tomilin, M.G. *see* Berenberg, V.A. 3224
Tomilin, M.G. *see* Gitin, A.V. 3207
Tomilin, M.G. *see* Solovjeva, I.I. 15151
Tomimasu, T. *see* Nishimura, E. 43974
Tomimasu, T. *see* Yokoyama, M. 46720
Tomimuro, H. *see* Ohira, F. 14607
Tomimuro, H. *see* Takahara, H. 3372
Tomin, S.I. *see* Lapitsky, S.N. 7085
Tomin, S.I. *see* Lapitsky, S.N. 7086
Tominaga, H. *see* Hanamura, T. 13586
Tominaga, H. *see* Kawashima, M. 36815
Tominaga, H. *see* Kawashima, M. 38268
Tominaga, J. *see* Handa, T. 20254
Tominaga, K. *see* Hosoda, M. 44103
Tominaga, M. *see* Tamaki, E. 25497
Tominaga, T. *see* Sato, N. 45490
Tominaga, Y. *see* Ajioka, T. 34621
Tomioka, R. *see* Yang, G. 16886
Tomioka, S., Enoto, T. Removal of spurious solutions in boundary element method analysis for Fabry-Perot resonator containing another medium 21188
Tomioka, T. *see* Ando, T. 42338
Tomioka, Y. *see* Kanno, T. 31272
Tomisato, S., Fukawa, K., Suzuki, H. Coherent hybrid DS-FFH CDMA—basic performance in mobile radio environment 37878
Tomisawa, H. *see* Taniguchi, H. 43749
Tomita, H. *see* Ishida, S. 17423
Tomita, K. Medium size modular type SMD mounter 42320
Tomita, K. *see* Nakashima, K. 23825
Tomita, K. *see* Tanaka, Y. 27667
Tomita, M., Matsuo, M., Wakui, G., Watanabe, G. Optimum magnetic characteristics for rotor ring of hysteresis motor 8311
Tomita, M., Suganuma, N., Hirano, K. Reconfigurable machine and its application to logic simulation 18615
Tomita, M. *see* Gastli, A. 16847
Tomita, M. *see* Hayashi, T. 11819
Tomita, M. *see* Jiang, H. 10086
Tomita, M. *see* Mori, K. 6252
Tomita, M. *see* Mori, K. 23337
Tomita, M. *see* Wang, C. 14275
Tomita, N., Kimura, K., Suda, H., Shimizu, M., Yamada, M., Ohishi, Y. Digital signal transmission experiment using a 1.3 μm-band Pr^{+3}-doped fluoride fiber amplifier 45995
Tomita, N., Namikawa, T., Yamazaki, Y. Measurement of gas leaks through the contacts between heat resistant alloy disks and YSZ plates 17376
Tomita, N. *see* Imamiya, K. 18733
Tomita, N. *see* Nomura, K. 20168
Tomita, N. *see* Oguchi, T. 5870
Tomita, N. *see* Shimomura, S. 41347
Tomita, N. *see* Takasugi, H. 46651
Tomita, S., Matsumoto, M., Nagasawa, S., Tanifuji, T., Uenoya, T. Preliminary research into high-count pre-connectorized optical fiber cable 5994
Tomita, S. *see* Hamamoto, Y. 22057
Tomita, S. *see* Hamamoto, Y. 37007
Tomita, T. *see* Bando, Y. 10636
Tomita, Y., Bergquist, J. Photorefractive and thermooptic nonlinearities in potassium sodium strontium barium niobate single crystals 12327
Tomita, Y., Honda, S. Experimental evaluation of instrument scale readings obtained by eye interpolation of fractional interval values 46539
Tomita, Y., Ikeda, K. A realization of subblock circuit using a current conveyor 1317
Tomita, Y., Ikeda, K. A realization of current-negative feedback type low-pass filter using current conveyors 42032
Tomita, Y., Takabayashi, T., Nagata, M., Kawai, T., Hatanaka, Y. Vidicon type X-ray imaging sensor using a highly sensitive cadmium telluride photoconductive film 46515
Tomita, Y. *see* Horii, K. 5925
Tomita, Y. *see* Ikeda, K. 1307
Tomita, Y. *see* Ikeda, K. 1316
Tomita, Y. *see* Ikeda, K. 27049
Tomita, Y. *see* Kaneko, S. 22155
Tomita, Y. *see* Matsui, H. 30561
Tomita, Y. *see* Nishimura, S. 31949
Tomita, Y. *see* Takayama, R. 6598
Tomitori, M., Watanabe, K., Kobayashi, M., Iwawaki, F., Nishikawa, O. Layered heteroepitaxial growth of germanium on Si(015) observed by scanning tunneling microscopy 26414
Tomiyama, K., Nakanishi, Y., Tamura, Y. Confirmation of the auto-parametric resonance phenomena on an analog-type power system simulator and promotion of problem-oriented instrumentation technique 24791
Tomiyama, K. *see* Morioka, Y. 16444
Tomiyama, T. *see* Saito, T. 45526
Tomiyama, Y. *see* Shimizu, H. 37674
Tomiyasu, K. Complex signal received through an anisotropic panel intercepting a circularly polarized beam 29153
Tomizawa, F. *see* Ozaki, Y. 25963
Tomizawa, I., Yoshino, T. Power line radiation over eastern Asia observed by the satellite OHZORA 24997
Tomizawa, M., Yoshizawa, M., Chida, K., Yoshizawa, J., Arakaki, Y., Nagai, R., Mizobuchi, A., Noda, A., Noda, K., Kanazawa, M., Ando, A., Muto, H., Hattori, T. Slow beam extraction at TARN II 15571
Tomizawa, M. *see* Enoki, T. 43009
Tomizawa, M. *see* Tanabe, T. 7062
Tomizawa, Y. *see* Saito, Y. 2605
Tomlinson, C. Telecommunications software procurement: managing the risk 30279
Tomlinson, C., Gibson, D. Network management in a multi-vendor environment 37325
Tomlinson, G.R. *see* Frank, W.A. 41042
Tomlinson, G.R. *see* Worden, K. 457
Tomlinson, J. ISP logic devices in high-volume manufacturing 27372
Tomlinson, M. *see* Hughes, C.D. 5853
Tomlinson, R.D. *see* Ahmed, E. 867
Tomlinson, R.D. *see* Jones, P.A. 18299
Tomlinson, R.D. *see* Mullan, C.A. 2083
Tomlinson, R.D. *see* Mullan, C.A. 9504
Tomlinson, R.D. *see* Rockett, A. 40470
Tomljenovic, N. High-power solid-state DC/AC power supplies for broadcast transmitters and other high-voltage applications 32921
Tommasi, R. *see* Dabbicco, M. 20854
Tommasini, D. The ELETTRA fast magnets 15558
Tommasini, D., Tosolini, P. High current, high voltage pulser for the ELETTRA kicker magnets 6932
Tommasini, D. *see* Fabrisd, R. 15561
Tommasini, D. *see* Gnidica, F. 15530
Tommasini, D. *see* Walker, R.P. 15531
Tommasini, R. *see* Mussino, F. 4266
Tomo, Y., Ogawa, T., Nagayama, T., Kimura, M. Process issue improvement of surface image transfer technique: depth-of-focus characteristics and their comparison with simulation results 27947
Tomo, Y. *see* Ogawa, T. 2328
Tomo, Y. *see* Seno, K. 26923
Tomo, Y. *see* Seno, K. 34047
Tomobe, M. *see* Tsuchida, H. 14318
Tomoe, M. *see* Sugimoto, H. 40169
Tomoike, K. *see* Hachiya, S. 15128
Tomomatsu, T. *see* Ohta, K. 29186
Tomomatsu, Y. *see* Takanashi, K. 40300
Tomomitsu, H., Kashiwagi, H., Ohtsuka, K., Takanashi, M. The effect of pitch frequencies on speaker identification 21682
Tomonaga, H., Matsuoka, N., Katoh, Y., Hakata, A., Murakami, K. A structure of ultrahigh-speed ATM switch 22731
Tomonaga, N. *see* Funayama, M. 3521
Tomono, A. *see* Sato, A. 31063
Tomono, K. *see* Takagi, H. 17278
Tomono, Y. *see* Suzuki, M. 20428
Tomori, Y. *see* Uezato, K. 16801
Tomori, Y. *see* Uezato, K. 16810
Tomori, Y. *see* Uezato, K. 25395
Tomov, I.V., Anderson, T., Rentzepis, P.M. Picosecond X-ray pulses generated in a diode driven by 193-nm picosecond laser pulses 42358
Tomozawa, A. *see* Fujii, E. 9753
Tompa, G.S., Wolak, E., Stall, R.A., George, M.A., Lippitt, M., Norman, J.A.T. Metal organic chemical vapor deposition of Al and CuAl alloy films in a vertical, high-speed, rotating disk reactor 41478
Tompa, G.S. *see* Gurary, A.I. 9540
Tompkins, P.J. *see* Partlo, W.N. 2273
Tompkins, W.J. *see* Hu, Y.H. 7432
Toms, T. *see* Kuo, C. 18714
Tomsic, M. *see* Al-Mansour, F. 40673
Tomsons, E.Ya. *see* Ionaitis, R.R. 47675
Tomsovic, K., Skugge, G., Sjelvgren, D., Bubenko, J. Seasonal planning for best fuel mix under multiple objectives using fuzzy mathematics 32355
Tomsovic, K., Tapper, M., Ingvarsson, T. A fuzzy information approach to integrating different transformer diagnostic methods 25495
Tomura, M. *see* Inoue, K. 36850
Ton, T. *see* Lee, S. 11137
Ton, T.-N., Wang, H., Chen, S., Tan, K.L., Dow, G.S., Allen, B.R., Berenz, J. W-band monolithic pseudomorphic AlGaAs/InGaAs/GaAs HEMT CBCPW LNA 1574
Ton, T.-N. *see* Wang, H. 10498
Ton, T.N. *see* Wang, H. 1594
Ton, T.N. *see* Wang, H. 1606
Ton Anh Ngo *see* Bolding, K. 34121
Tonami, K. *see* Saito, T. 15806
Tonazzini, A. *see* Bedini, L. 22001
Tonazzini, A. *see* Bedini, L. 29867
Toncelli, A. *see* Di Lieto, A. 35712
Toncich, S.S., Collin, R.E. Characterization of microstrip discontinuities by a dynamic source reversal method using potential theory 12712
Toncich, S.S., Collin, R.E., Bhasin, K.B. Full wave characterization of microstrip open end discontinuities patterned on anisotropic substrates using potential theory 4183
Toncich, S.S., Collin, R.E., Bhasin, K.B. Full wave characterization of microstrip open end discontinuities patterned on anisotropic substrates using potential theory 42140
Toncich, S.S., Miranda, F.A., Bhasin, K.B., Kascak, T.J. Performance of hybrid HTS filter/GaAs low noise amplifier and microwave characterization of YBCO HTS resonators on R-plane sapphire 27136
Toncich, S.S. *see* Miranda, F.A. 1404
Tondiglia, V.P. *see* Sutherland, R.L. 35507
Tondos, M.S. Minimizing electromechanical oscillations in the drives with resilient couplings by means of state and disturbance observers 17470
Tone, K., Ide, Y., Yamada, M. Characterization of GaAs-(001) surface photo-oxide formed by visible-light irradiation 19586
Tone, Y. *see* Hirayama, K. 32513
Tonegawa, S. *see* Arai, S. 19308
Tonegawa, S. *see* Hamada, S. 19310
Tonelli, M. *see* Di Lieto, A. 35712
Toner, A. Data acquisition for the monitoring of the supply and consumption of electricity 47603
Toner, M.F., Roberts, G.W. Histogram-based distortion and gain tracking testing of an 8-bit PCM mixed analog-digital IC chip 10242
Toner, W.T. *see* Danson, C.N. 3569
Tonetti, M. *see* Bava, G.P. 35828
Toneva, A., Pantchev, Bl., Danesh, P. a-Si:H thin film microstructure influenced by HOMOCVD-process parameters 9706
Toney, M.F. *see* Farrow, R.F.C. 9525
Tong, B.Y., Du, J. In search of a normal Hall effect in amorphous silicon 34535
Tong, C. *see* Park, D. 16263
Tong, C. *see* Park, D. 16267
Tong, C. *see* Welt, B. 40660
Tong, C.H. A family of quasi-minimal residual methods for nonsymmetric linear systems 41143
Tong, C.Q. *see* Lu, D. 18599
Tong, C.Q. *see* Menon, S.M. 43110
Tong, D.A., Widman, L.E. Model-based interpretation of the ECG: a methodology for temporal and spatial reasoning 15887
Tong, F., Kwark, Y.H., Li, C.S., Walker, S.G. Characteristics of a monolithic optical/electronic selector for application in fast packet-switched WDMA networks 38105
Tong, F., Kwark, Y.H., Stevens, A.E. A four-channel monolithic optical/electronic selector for fast packet-switched WDMA networks 35635
Tong, F., McInturff, D.T., Kwark, Y.H., Ralph, S.E., Pettit, G.D., Wong, P.C. Performance of $In_{0.47}Ga_{0.53}As$ metal-semiconductor-metal hybrid receiver at 1.55 μm 11899
Tong, F. *see* Liu, K. 30778
Tong, F.F.-K. *see* Li, C.-S. 5249
Tong, F.K. *see* Pezeshki, B. 22713
Tong, H.-M., Mok, L.S., Grebe, K.R., Yeh, H.L., Srivastava, K.K., Coffin, J.T. Effects of parylene coating on the thermal fatigue life of solder joints in ceramic packages 17919
Tong, J.J., Mahajan, R.L., Li, Y. Predicting circuit board assembly yield from design parameters 34445
Tong, K., Cannell, C. Technical and economical aspects of a floating offshore windfarm 25291
Tong, K.F. *see* Luk, K.M. 4301
Tong, L. Blind equalization of fading channels 29406
Tong, L. *see* Reynolds, D. 21905
Tong, M. *see* Ballegeer, D.G. 10902
Tong, M. *see* Nummila, K. 2598
Tong, M.H. *see* Morikuni, J.J. 35633
Tong, P., Ang, P. A JBIG arithmetic coder-decoder chip 22170

Tong, Q.-Y., Gosele, U. Fabrication of ultrathin SOI by SIMOX wafer bonding (SWB) 1957
Tong, Q.-Y., Schmidt, E., Gosele, U., Reiche, M. Hydrophobic silicon wafer bonding 27614
Tong, Q.K. *see* Taylor, J.F. 11004
Tong, Q.K. *see* Taylor, J.F. 11005
Tong, S. *see* Raina, G. 7820
Tong, Y. *see* Morimoto, S. 47851
Tong, Y.C. *see* Ting, G. 46833
Tong Guangqiu *see* Guangqiu Tong
Tong Guoliang *see* Chen Chang 46880
Tong Hong Ru *see* Ru Tong Hong
Tong Hua-Sou *see* Hua-Sou Tong
Tong Huai, Wang Zongpei Analysis of the pull-in performances of the five-phase hybrid step motor. II 47908
Tong Jianzhong *see* Ni Qiuya 25723
Tong Jianzhong *see* Jianzhong Tong
Tong Kai-Loong *see* Kai-Loong Tong
Tong Li *see* Li Tong
Tong Li Xiang *see* Xiang Tong Li
Tong Linsu, Tu Yan The extra-large deflection angle aberration theory 34485
Tong Loong Cheong, Wee Li Kwang, Goh Ann Loo, Lee Chee Qwun, Teo Pit Koon A telex destination identification system 5419
Tong Qin-Yi *see* Huang Qing-An 27407
Tong Qinyi *see* Chen Junning 2553
Tong Qinyi *see* Huang Jinbiao 23520
Tong Qinyi *see* Ke Daoming 2676
Tong Qinyi *see* Ke Daoming 33948
Tong Qinyi *see* Shen Keqiang 10643
Tong Qinyi *see* Zhou Tianshu 2526
Tong Seop Kim, Chang Hoon Oh, Sung Tack Ro Comparative analysis of the off design performance for gas turbine cogeneration systems 47782
Tong Sun, Gabbouj, M., Neuvo, Y. Center weighted median filters: some properties and their applications in image processing 45046
Tong Sun, Neuvo, Y. Detail-preserving median based filters in image processing 45179
Tong Xiangqian, Yu Jianming, Su Wencheng, Wang Riwen Measuring data analysis of voltage flicker caused by arc-furnace 32508
Tong Xiaolin *see* Wang Weili 20972
Tong Yuh-Ping *see* Yuh-Ping Tong
Tong Zhao *see* Zhao Tong
Tong-Shun Yiu *see* Yiu Tong-Shun
Tongbo Wang *see* Jingwu Qiu 38477
Tongeren, B.P.O.van *see* van Tongeren, B.P.O.
Tonghua Chen *see* Chen Tonghua
Tongkun Sun *see* Sun Tongkun
Tongli Wei *see* Wei Tongli
Tongue, B.H. *see* Bursal, F.H. 13277
Tonguz, O.K., Falcone, K.A. Fiber-optic interconnection of local area networks: physical limitations of topologies 5564
Tonguz, O.K., Falcone, K.A. Cost function considerations in hierarchical growth of lightwave networks 46006
Tonguz, O.K. *see* Falcone, K.A. 5565
Tonguz, O.K. *see* Falcone, K.A. 14594
Tongyu Liu *see* Jianping Xi 33058
Tonhauser, J. *see* Rathmann, F. 6941
Toni, P. *see* Galeotti, G. 8901
Tonini, R. *see* Alietti, M. 31671
Tonini, R. *see* Bruni, M. 42400
Tonkai', V.E., Deniyuk, S.P. Application of the method of numerical-difference approximation to the design of models and analysis of systems of electric power supply 32189
Tonkin, B.A. *see* Beadle, H.W.P. 5340
Tonkin, B.A. *see* Hosking, M.W. 27292
Tonkin, S.P. *see* Allen, P.J. 38154
Tonkonogov, E.N. *see* Aleksandrov, G.N. 25037
Tonkovic, Z., Nevecerel, D., Jerbic, G. Analysis of new cogeneration unit connection into electric power system of the Zagreb region 25205
Tonnby, I. *see* Insulander, J. 37217
Tonndorf, M.L., Connell, D.G., Hannam, A.G. Stereotactic location of EMG needle electrode scans relative to tendons in the human masseter muscle 47109
Tonnes, M., Rasmussen, H. Self-tuning speed controllers for automatic tuning of torque regulated AC-drives 17431
Tonomura, A. Observation of flux lines by electron holography 42381
Tonomura, A. *see* Chen, J. 44150
Tonomura, A. *see* Jun Chen 21099
Tonomura, Y. *see* Abe, S. 30128
Tonomura, Y. *see* Katsu, T. 24442
Tonon, R. *see* Gargiuli, R. 7845
Tonse, S. *see* Bachler, J. 46934
Tonshoff, H.K., Buttner, J., Hennig, K.R. Selecting CAQ systems for actual practice 26235
Tonshoff, H.K., Heekenjann, P.B., Overmeyer, L. Autofocus sensor for micro-machining 21142
Tonshoff, H.K., Hesse, D., Gedrat, O. Gas-assisted microstructuring of ceramic materials irradiated with excimer lasers 18305
Tonshoff, H.K., von Alvensleben, F. Micro drilling with a Nd:YAG-Q-switch-laser 21147
Tonsing, J.H., Linde, L.P. P_e-derived S/N ratio: a novel ideal error probability performance reference for fading channels 12812
Tonti, W. *see* Abadeer, W. 35016
Tonucci, R.J. *see* Glesener, J.W. 10944
Tonyali, K. Investigation of factors affecting long term heat stability of polyolefin insulation resins 5691
Tonyali, K., Fernando, P.L. Characterization and development of foam-skin polyethylene insulation resins [for communications cable applications] 894
Tooley, F.A.P., Lentine, A.L., Wakelin, S., Wachlowski, A., Goodwill, D., Baillie, D.A., Simpson, K. Experimental investigation of the tolerance of S-SEEDs and L-SEEDs 20398
Tooley, F.A.P., Wakelin, S., Taghizadeh, M.R. Interconnects for a symmetric-self-electro-optic-effect-device cellular-logic image processor 43568
Tooley, F.A.P. *see* Lentine, A.L. 43510
Tooley, F.A.P. *see* Wachlowski, A.J. 20489
Tooley, F.A.P. *see* Wakelin, S. 11760
Tooley, F.A.P. *see* Wakelin, S. 20493
Toomarian, N. Multi-target tracking in dense threat environments 7678
Toomey, W. *see* Goscinski, A. 37487
Toon, N. The Altera MAX 7000 series of FPGA and PLD 41770
Toong Shoon Chan, Gorton, I. A transputer-based implementation of HTPNET: a transport protocol for broadband networks 37492
Toothacker, W. *see* Abbott, B. 7245
Toothill, P. Standard bearer [miniature circuit-breakers] 8681
Top, J. *see* Stromberg, J.-E. 18028
Top, J. *see* Stromberg, J.-E. 18845
Topalis, F.V. Efficiency of energy saving lamps and harmonic distortion in distribution systems 33143
Topfer, K. *see* Hertel, D. 38724
Topham, G.H., van der Walt, A.J. Integrated substation control and protection Eskom's co-ordinated protection approach 24752
Topham, P. Heterojunction bipolar transistors, circuits and technology 11303
Topic, M. *see* Smole, F. 33030
Topiwala, P. *see* Ramanathan, J. 13324
Topkov, A.N. *see* Maslov, V.A. 43706
Topler, R. *see* Brich, P. 31065
Topliss, B.J., Challenor, P., Tokmakian, R., Snaith, H. A review of GEOSAT data over Canadian east coast waters 24512
Toporkov, D. *see* Poelker, M. 31631
Topp, J., Vestergaard, P.D. Odd factors of a graph 26295
Topp-Jorgensen, S. *see* Butterworth, J. 38932
Topper, J. *see* Auerhammer, J. 43978
Topper, J. *see* Genz, H. 15271
Toprek, D. *see* Milinkovic, Lj. 15407
Toprek, D. *see* Neskovic, N. 15583
Toquam, J.L. *see* Fujita, Y. 39744
Tora, M. *see* Alba, J.J. 32263
Toraichi, K., Horiuchi, T., Kalman, R.E., Ohtaki, Y., Nagasaki, H. Compressing data volume of left ventricular cineangiograms 15701
Toraichi, K., Iwaki, M. Periodic sampling basis and associated biorthonormal basis of signal spaces composed of spline functions 4591
Toraichi, K., Iwaki, M., Kamada, M., Ishii, R., Kawamoto, R. A design method of windows by spline functions based on weighted equiripple approximation 13296
Toraichi, K., Ohtaki, Y., Ishiyama, Y., Haruki, R. Compressing EEG data using adaptive function approximation 15871
Toraichi, K. *see* Horiuchi, T. 45114
Toraichi, K. *see* Kamada, M. 1106
Toral, H. *see* Beg, N.A. 23933
Torassa, E. *see* Benvenuti, A. 7252
Toratani, T. *see* Yokota, S. 39621
Torazawa, K. *see* Sumi, S. 11478
Torchigin, V.P. Multiprocessor optical computer 11749
Torchigin, V.P. Polychromatic optical logic elements 35535
Torchigin, V.P. Propagation of waves in optical waveguides with a periodically varying refraction index 44102
Torchigin, V.P. Parametric frequency converters and coherent light sources with relatively low-frequency feeding 44138
Torchigin, V.P., Kobyakov, A.E. All-optical gate for processing WDM signals 30589
Torchigin, V.P., Sinelobov, I.A., Strebezh, D.S., Romanova, O.B., Sporushev, E.V. Symmetrical all-optical gates based on coupled nonlinear Fabry-Perot resonators or nonlinear directional couplers 11746
Torchigin, V.P., Strebez, D.S. Optical communication networks for multiprocessor computers 11766
Torchinskaya, T.V., Berdinskikh, T.G., Smijan, O.D. The causes of emitting-power instability in GaP:N LED 11874
Torelli, F. Dynamic security analysis of power system 32278
Torelli, F. *see* La Scala, M. 16210
Torelli, G. *see* Dell'Acqua, A. 7283
Torelli, G. *see* Dell'Acqua, A. 46998
Torelli, M. *see* Beer, A. 31662
Torelli, M. *see* Bruschini, C. 38888
Torgashin, Yu.I. *see* Aristarkhova, A.A. 9212
Torgerson, D., Juette, G. Enhancing the performance and capacity of existing transmission lines 7947
Torgerson, J.R. *see* Grayson, T.P. 28973
Torguet, R. *see* Bouras, B. 11716
Torii, A., Sasaki, M., Hane, K., Okuma, S. Adhesion of microstructures investigated by atomic force microscopy 27621
Torii, H. *see* Fujii, E. 9753
Torii, K. *see* Ogihara, T. 21857
Torii, K. *see* Takada, K. 31442
Torii, K. *see* Tsunemi, H. 7234
Torii, S., Akita, S., Tsukamoto, O. Cooling characteristics of a large-current capacity AC superconducting cable 24974
Torii, S. *see* Kim, H.J. 40630
Torii, T. *see* Hirasawa, S. 9215
Torii, Y., Takei, H., Hasegawa, K., Kotani, T., Tada, K. High-temperature superconducting material Tl-Bi-Sr-Ca-Cu-O 35254
Torii, Y. *see* Kinoshita, H. 27833
Torii Tatsuo *see* Tatsuo Torii
Torikai, T. *see* Okuda, T. 35888
Torikai, T. *see* Yamada, H. 12139
Torikai, T. *see* Yamada, H. 28879
Torin, J. *see* Liden, P. 1119
Toriu, J. *see* Yamaguchi, K. 1668
Toriu, T. *see* Miyazaki, T. 38992
Toriu, T. *see* Tagawa, N. 22166
Toriu, T.shi *see* shi Toriu, T.
Toriumi, A. *see* Patel, N.K. 42588
Toriumi, Y., Yamashita, S., Komatsu, Y., Komuro, S., Suzuki, A. A new optical serial transmission system for HDTV digital video signals in an editing studio 38299
Toriwaki, J. *see* Hasegawa, J. 15813
Toriwaki, J. *see* Soyama, Y. 45239
Toriwaki, J.-I. *see* Jiang, H. 13487
Torizuka, K., Yamashita, M., Yabiku, I. Continuous-wave alexandrite laser pumped by a direct-current mercury arc lamp 35708
Torkelson, M. *see* Nilsson, P. 42062
Torkkola, K. *see* Kurimo, M. 4494
Torkkola, K. *see* Mantysalo, J. 44773
Torkler, M. *see* Brunger, W.H. 27919
Torlaschi, E., Holt, A.R. Separation of propagation and backscattering effects in rain for circular polarization diversity S-band radars 7608
Torner, L., Recolons, J., Torres, J.P. Guided-to-leaky mode transition in uniaxial optical slab waveguides 44512
Tornielli, G. *see* Segur, P. 46925
Tornow, W. *see* Aksoy, A. 31674
Tornqvist, N.E. *see* Bergqvist, H. 25001
Toro, M. *see* Cocco, M. 31987
Toro-Lira, G. *see* Monahan, K.M. 23880
Torok, C. Numerical solution of linear stochastic differential equations 18095
Torok, P. *see* Falster, R. 2012
Torok, V., Loreth, K. The world's simplest motor for variable speed control? The Cyrano motor, a PM-biased SR-motor of high torque density 8351
Toropainen, A.P. A new method for measuring properties of unhomogeneous materials using a two-polarization forward-scattering measurement 6751
Toropainen, A.P. An improved method for measuring properties of nonhomogeneous materials by a two-polarization forward-scattering measurement 31395
Toropainen, A.P. New method for measuring properties of nonhomogeneous materials by a two-polarization forward-scattering measurement 46591
Torre, A. *see* Castellano, M. 6925
Torre, A. *see* Ciocci, F. 10626
Torre, A. *see* Ciocci, F. 28895
Torre, A. *see* Ciocci, F. 44003
Torre, A. *see* Dattoli, G. 3692
Torre, A. *see* Dattoli, G. 20919
Torre, A. *see* Flora, F. 20638
Torre, A. *see* Letardi, T. 20623
Torre, E.Della *see* Della Torre, E.
Torre, J.P. *see* Djotni, K. 23601
Torre, J.P. *see* Heres, O. 24040
Torre, J.P. *see* Masse, D. 38841
Torre, J.P. *see* Zhou, J.W. 6499
Torre, M.Del *see* Del Torre, M.
Torre, P. *see* Agnetta, G. 31780
Torre, P. *see* Cataldi, G. 31666
Torre, V.de la *see* de la Torre, V.
Torrence, G.W. *see* Goldhirsh, J. 37931
Torrence, G.W. *see* Vogel, W.J. 4110
Torrens, I.M., Platt, J.B. Electric utility response to the Clean Air Act Amendments 39926
Torrent, M.C., Balle, S. Laser switch-on and detection of injected signals in semiconductor lasers 28836
Torres, A. *see* Jimenez, J. 9856
Torres, C. *see* Valero, A. 39955
Torres, C.M.Sotomayor *see* Sotomayor Torres, C.M.
Torres, F., Reineix, A., Jecko, B. Numerical and experimental analysis of the external response of an airliner to a wide frequency range electromagnetic perturbation 12640
Torres, F. *see* Pradell, L. 30649
Torres, J.A. *see* Barile, E.C. 23187
Torres, J.P. *see* Torner, L. 44512

Torres, L., Arias, E. Stochastic generation of the codebook in vector quantization of images: compression systems 5035
Torres, L. *see* Casas, J.R. 30060
Torres, L. *see* Gasull, A. 22007
Torres, M. *see* Johns, K. 31685
Torres, M.S. *see* Cavalcanti, E.S.C. 24989
Torres, R. *see* Le, T.T. 20011
Torres, R.P. *see* Catedra, M.F. 30872
Torres, V.M. *see* Schwartz, R.W. 28308
Torres, W. *see* Miner, P.S. 34137
Torri, G. *see* Gatti, E. 16672
Torroba, P.L., Cap, N.L., Rabal, H.J., Furlan, W.D. Fractional order mean in image processing 45139
Torronen, K., Aaltonen, P., Hanninen, H., Makela, K., Karjalainen-Roikonen, P., Keinanen, H., Kauppinen, P., Rintamaa, R., Talja, H., Wallin, K., Valo, M. Overview of the nuclear power plant structural integrity research in Finland 16500
Torruellas, W., Cha, M., Lawrence, B., Stegeman, G.I., Wang, H.X., Takahashi, A., Mukamel, S., Meth, J. Nonlinear spectroscopy of polydiacetylenes 44107
Torsteinsrud, T. Faster replacement of generator stators in nuclear power plants 47633
Tortoli, P., Bessi, L., Guidi, F. Bidirectional Doppler signal analysis based on a single RF sampling channel 36746
Tortora, L. *see* Gao, Z. 46312
Tortschanoff, T. *see* Brandt, D. 7025
Toruellas, W. *see* Lawrence, B.L. 44056
Torvela, H. *see* Huusko, J. 6619
Torvik, L.M. *see* Wilamowski, B.M. 42867
Tosaka, H., Nagatake, T., Yoshida, T., Kobayashi, M., Yoshikawa, A. Acceptor concentration control of p-ZnSe using nitrogen and helium mixed gas plasma 9754
Tosaka, Y. *see* Sato, K. 11475
Tosaka, Y. *see* Suzuki, K. 28127
Tosaka, Y. *see* Suzuki, K. 34960
Tosato, F. *see* Giadrossi, G. 8804
Tosato, F. *see* Quaia, S. 7914
Toscano, A., Vegni, L. Effects of chirality admittance on the propagating modes in a parallel-plate waveguide partially filled with a chiral slab 12687
Toscano, A., Vegni, L. Novel characteristics of radiation patterns of a pseudochiral point-source antenna 44545
Toscano, P.J. *see* Faltermeier, J. 831
Toschek, P.E. *see* Bohm, R. 20681
Toshkov, S. *see* Jones, S.L. 25150
Tosi, L. *see* Bocchetta, C.J. 7031
Toskey, G.A. *see* Smith, P.J. 35178
Tosolini, P. *see* Tommasini, D. 6932
Tossell, D.A., Shorrocks, N.M., Whatmore, R.W. Ferroelectric ceramics and thin films for pyroelectric applications 35201
Tosser-Roussey, A. *see* Mouecoucou, R. 29325
Tosser-Roussey, C. *see* Mouecoucou, R. 29325
Totarong, P., El-Jaroudi, A. DOA estimation via eigenvector domain harmonic analysis 21743
Totarong, P., El-Jaroudi, A. Robust high-resolution direction-of-arrival estimation via signal eigenvector domain 44883
Totev, B.M. *see* Kal'nin, A.A. 27103
Toth, C. *see* Farkas, G. 10610
Toth, C. *see* Farkas, G. 10611
Toth, Cs., Young, J.F., Sauerbrey, R. Optical gain in the ionic excimer $Cs^{2+}F^-$ excited by soft X-rays from a laser-produced plasma 20657
Toth, K.S. *see* Davids, C.N. 24115
Toth, L., Koos, M., Pocsik, I. Electrical conductivity noise in intrinsic a-Si:H at low frequencies 10651
Totoki, M., Mizumoto, T., Fujisawa, T., Naito, Y. Growth of GaInSb on $Gd_3Ga_5O_{12}$ substrate by metalorganic chemical vapor deposition 18284
Totsuka, M. *see* Yoshida, N. 10913
Totsuka, N. *see* Adachi, M. 19973
Totsuka, Y. *see* Naemura, M. 6255
Totterdell, D. *see* Rogers, T. 27708
Totterdell, D.H.J. *see* Poortmans, J. 10681
Totti, G. *see* Ellis, D. 14322
Tottman-Traynor, E. *see* Thomson, J.R. 25162
Totzeck, M. *see* Krumbugel, M.A. 44337
Tou, T.Y., Cheah, E., Low, K.S. A eutectic gold vapour laser 35652
Touati, D. *see* Guimbal, P. 43975
Touati, D. *see* Iracane, D. 43993
Touboul, A. *see* Berland, V. 2524
Touboul, A. *see* Labat, N. 19887
Touboul, A. *see* Misson, H. 19206
Touboul, A. *see* Sikula, J. 23867
Touboul, P. *see* Peyrin, F. 15874
Touchard, F. *see* Bee, C.P. 38899
Touchard, G.G. Velocity probe for hydrocarbon liquid laminar flows using the convection of the electrical diffuse layer 38748
Toudic, Y. *see* Detaint, J. 20066
Toudic, Y. *see* Guivarc'h, A. 41274
Toudic, Y. *see* Lambert, B. 9637
Toudic, Y. *see* Lambert, B. 28494
Toudup, L.W. *see* Foster, B. 31714
Tougaw, P.D., Lent, C.S. Logical devices implemented using quantum cellular automata 33990
Tougaw, P.D. *see* Lent, C.S. 19381
Tough, R.J.A. *see* Porter, N.J. 23129
Toubami, O. *see* Mohamed, Y. 40516
Touil, C.E. *see* Lebrun, D. 46623
Touillon, R. *see* Ballon, J. 7203
Touillon, R. *see* Ballon, J. 31716
Touillon, R. *see* Ballon, J. 46910
Touillon, R. *see* Chauvin, J. 46861
Toukhy, M., Slater, S., Ferri, J. Experimental investigation of high focus latitude concepts 11006
Toularhoat, M. *see* Sorin, C. 21700
Toularhoat, M. *see* Sorin, C. 36630
Touma, Y. *see* Ueda, M. 24215
Toumazou, C. Intuitive analogue circuit design: less maths more thumbs! 40889
Toumazou, C., Battersby, N., Punwani, M. GaAs switched-current techniques for front-end analogue signal processing applications 10364
Toumazou, C., Battersby, N.C. Switched-transconductance techniques 1310
Toumazou, C. *see* Cheng, M.C.H. 2654
Toumazou, C. *see* Tang, A.T.K. 27105
Toumazou, C. *see* Taylor, G.E. 10352
Toumazou, C. *see* Tingleff, J. 10280
Toumazou, C. *see* Vanisri, T. 1313
Toumazou, C. *see* Wrighton, P.J. 26673
Tounai, K., Nozue, H., Kasama, K. Resolution improvement with annular illumination 27808
Tounsi, A., Scheid, E., Azzaro, C., Duverneuil, P., Couderc, J.P. Elaboration of in situ phosphorus doped polysilicon films under LPCVD conditions: process modelling and characterization 9732
Tounsi, P., Dorkel, J.-M., Leturcq, P. Thermal modeling for electrothermal simulation of power devices or circuits 1032
Touri-Iwa, N. *see* Sano, K. 12389
Tourigny, Y., Grinfeld, M. Deciphering singularities by discrete methods 41183
Touris, T.C., Eichenlaub, J.B., Merritt, J.O. Autostereoscopic display technology in teleoperation applications 6708
Tourneret, J.Y., Lacaze, B. Study of MA model identification using order statistics in the presence of noise 13440
Tourneur, P.Le *see* Le Tourneur, P.
Tournie, E., Grunberg, P., Fouillant, C., Baranov, A., Joullie, A., Ploog, K.H. Strained $InAs/Ga_{0.47}In_{0.53}As$ quantum-well heterostructures grown by molecular-beam epitaxy for long-wavelength laser applications 43939
Tournie, E., Trampert, A., Ploog, K.H. Interplay between surface stabilization, growth mode and strain relaxation during molecular-beam epitaxy of highly mismatched III-V semiconductor layers 41324
Tournie, E. *see* Ploog, K.H. 18140
Tournois, P. Nonuniform optical diffraction gratings for laser pulse compression 35939
Tourtier, P. *see* Guillotel, P. 46219
Tourtier, P.J., Monnier, R., Lopez, P. Multicarrier modem for digital HDTV terrestrial broadcasting 46216
Toussaere, E., Zyss, J. Variable angle spectroscopic ellipsometry: application to poled polymers for non-linear optics 12401
Toussaere, E. *see* Raffle, Y. 18165
Toussaere, E. *see* White, J.O. 21044
Toussaint, M. A first stage of experimentation on the route to SPS 32017
Toussaint, M.-J. Formal verification of probabilistic properties in cryptographic protocols 12891
Toussaint, M.-J. Separating the specification and implementation phases in cryptology 21549
Toutain, S. *see* Ghannouchi, F.M. 14330
Toutain, S. *see* Hettak, K. 27144
Toutain, S. *see* Tanne, G. 1445
Touw, J. *see* Kaan, A.P. 6928
Touw, S.I.E. *see* de Maagt, P.J.I. 21238
Touw, S.I.E. *see* Maagt, P.J.I. 12596
Touzani, R. *see* Clain, S. 17611
Touzard, J.P. *see* Girard, P. 45422
Touzene, A., Plateau, B. Parallel synchronous and asynchronous iterative methods to solve Markov chain problems 9454
Touzi, R., Livingstone, C.E., Lafontaine, J.R.C., Lukowski, T.I. Consideration of antenna gain and phase patterns for calibration of polarimetric SAR data 38158
Touzi, R. *see* Lopes, A. 6136
Tovarnitskii, A.V. *see* Aleksandrov, Yu.N. 29736
Tovey, C.A. *see* Ammons, J.C. 1728
Tovey, N.K. Image analysis for beginners 13846
Tovey, S.N. *see* Bates, S. 24057
Tovey, S.N. *see* Borer, K. 7221
Tovstik, P.E. *see* Bauer, S.M. 20063
Tow, J. *see* Kennedy, M.P. 1247
Towe, E. *see* Sun, D. 11680
Towe, E. *see* Sun, D. 42475
Towe, E. *see* Sun, D. 43953
Tower, S. *see* Couto, L. 17887
Towers, J. *see* Mckee, P. 12488
Towers, J. *see* Thurlow, A. 43386
Towers, M. *see* Gault, M. 20899
Towers, M.S. *see* Mawby, P.A. 2498
Town, G. *see* Akhmediev, N.N. 23079
Town, G. *see* Zhao, Y. 35359
Town, G.E. Adiabatic coupled mode filters with linear phase 35548
Towner, F.J. *see* Svensson, S.P. 42457
Towner, F.J. *see* Tidrow, M.Z. 38504
Townley, S. Airborne Tx/Rx antenna pair location investigation — experimental and NEC-BSC results 47171
Townsend, B. *see* Lachapelle, G. 38179
Townsend, D., Byars, L., Defrise, M., Geissbuhler, A., Nutt, R. Rotating positron tomographs revisited 47079
Townsend, D.A. Market forces and the public interest: radio spectrum management and the entrapreneurial culture 38204
Townsend, D.W., Wensveen, M., Byars, L.G., Geissbuhler, A., Tochon-Danguy, H.J., Christin, A., Defrise, M., Bailey, D.L., Grootonk, S., Donath, A., Nutt, R. A rotating PET scanner using BGO block detectors: design, performance and applications 15764
Townsend, J.E., Zervas, M.N., Laming, R.I. The design and fabrication of high performance Er^{3+} fibre devices 2963
Townsend, J.E. *see* Zervas, M.N. 3516
Townsend, J.K. *see* Al-Qaq, W.A. 14386
Townsend, J.K. *see* Devetsikiotis, M. 5298
Townsend, J.K. *see* Devetsikiotis, M. 22296
Townsend, M.C. *see* Anderson, R.J. 6911
Townsend, M.C. *see* Wilson, M.N. 7113
Townsend, P.D. Quantum encrypted communications 29477
Townsend, P.D. *see* James, S.W. 3830
Towsley, D. Providing quality of service in packet switched networks 5353
Towsley, D. *see* Liu, Z. 26277
Towsley, D. *see* Sparaggis, P.D. 9382
Towsley, D. *see* Yates, D. 30164
Toy, H. *see* Coico, P. 9283
Toy, R.L. *see* Koilpillai, R.D. 37792
Toyabe, T. *see* Patil, M.B. 42980
Toyada, J. *see* Shibata, T. 39479
Toyama, A. *see* Shimokohbe, A. 31446
Toyama, H. *see* Raue, R. 20518
Toyama, K. *see* Nicati, P.-A. 20752
Toyama, K. *see* Takeshita, T. 25539
Toyama, K. *see* Yagi, S. 30624
Toyama, N. Recent progress of DBS mobile receiver technology 5832
Toyama, S. *see* Sato, I. 15299
Toyama, S. *see* Wang, Y.L. 38767
Toyama, T., Tanaka, Y. Temperature dependence of LED intensity due to filter effect of SiN_x 28667
Toyoda, A. Development of novel techniques for the treatment of fluorine waste water 24517
Toyoda, E. *see* Kanazawa, M. 15457
Toyoda, H. *see* Childs, M.A. 41455
Toyoda, H. *see* Hori, T. 43516
Toyoda, H. *see* Kirk, A. 36042
Toyoda, H. *see* Tanaka, S. 31154
Toyoda, J. *see* Mottate, Y. 16227
Toyoda, J. *see* Naito, F. 24788
Toyoda, J. *see* Saitoh, H. 24833
Toyoda, K. *see* Kawamura, Y. 3694
Toyoda, K. *see* Kumagai, H. 26493
Toyoda, K. *see* Nakamura, S. 3474
Toyoda, K. *see* Ogawa, T. 905
Toyoda, K. *see* Sugioka, K. 2054
Toyoda, K. *see* Wada, S. 35986
Toyoda, K. *see* Zhang, S.K. 27641
Toyoda, M. *see* Hoshihara, N. 48256
Toyoda, M. *see* Mizoguchi, H. 17111
Toyoda, M. *see* Shikatani, M. 6037
Toyoda, S. High efficiency single and push-pull power amplifiers 1513
Toyoda, T., Mitsunaga, K., Ohta, J., Kyuma, K. Accurate measurement of layer thickness using optical reflective spectra of Bragg mirrors grown by molecular beam epitaxy 15196
Toyoda, T., Suzuki, M., Nishiguchi, N. A fully integrated characterization and management system for ASIC libraries 18661
Toyoda, T. *see* Funatsu, E. 31235
Toyoda, T. *see* Kawakami, Y. 41369
Toyoda, Y. *see* Itakura, K. 38565
Toyoguchi, Y. *see* Matsuda, H. 48338
Toyoguchi, Y. *see* Morishita, N. 48339
Toyooka, M. *see* Yamamoto, S. 893
Toyoshige, S. *see* Ohzawa, K. 11594
Toyoshima, H., Niwa, T., Yamazaki, J., Okamoto, A. In surface segregation and growth-mode transition during InGaAs growth by molecular-beam epitaxy 655
Toyoshima, H. *see* Sasaki, K. 26924
Toyoshima, H. *see* Sasaki, K. 34048
Toyoshima, K. *see* Takagi, Y. 45696
Toyoshima, M. *see* Shinohara, S. 15263
Toyoshima, Y., Matsuda, A., Arai, K. In-situ investigation of the growing a-Si:D surface by infrared reflection absorption spectroscopy 41398
Tozawa, Y. *see* Uchishima, M. 5849
Tozer, R.C. *see* Scaife, J.M. 47089
Tozer, T.C. *see* Verdin, D. 5140
Tozer, T.C. *see* Verdin, D. 10021
Tozer, T.C. *see* Verdin, D. 14472
Tozer, T.C. *see* Verdin, D. 29649
Tozer, T.C. *see* Wood, S.A. 4419
Trabelsi, C., Yongacoglu, A. A reduced complexity DS-CDMA system for centralized satellite networks 22969
Trabert, C. *see* Diesenroth, H. 8874
Tracey, D. *see* McGlinchey, D. 14024

Tracey, J.S., Lipscomb, W.E., Brown, D.R., Geisler, K.I., Costin, K.L., Frisvold, T.M., Bower, P.K. Model-based concurrent information management for electrical distribution operations 7872
Tracey, J.S., Lipscomb, W.G., Geisler, K.I., Costin, K.L. An integrated distribution operating model at Florida Power and Light 32247
Tracht, A.E. Adapting laptops to data acquisition 14904
Tracht, N. *see* Candelaria, J. 2648
Trachtenberg, I. *see* Badgwell, T.A. 18287
Trachtenberg, I. *see* Chung, C.W. 10935
Trachtenberg, I. *see* Po-Sheng Chang 34741
Tracy, C. *see* Grivna, G. 19667
Tracy, C.J. *see* Freeman, J.L. 2203
Tracy, D.M. *see* Wang, C.A. 41299
Tracy, D.P. *see* Dunlop, J.A. 842
Tracz, W. *see* Coglianese, L. 24422
Traeder, G. *see* Motl, G. 47408
Trafford, K. *see* Cloude, S.R. 46046
Tragoudas, S., Tollis, I.G. River routing and density minimization for channels with interchangeable terminals 980
Tragoudas, S. *see* Crenshaw, J.E. 43073
Tragoudas, S. *see* Kagaris, D. 33986
Trah, H.-P., Baumann, H., Doring, C., Goebel, H., Grauer, T., Mettner, M. Micromachined valve with hydraulically actuated membrane subsequent to a thermoelectrically controlled bimorph cantilever 25621
Trahan, R., Kiang, R. An analysis of the die testing process using Taguchi techniques and circuit diagnostics 2629
Trahan, R.E. *see* Akpinar, E. 33091
Trahanias, P.E., Venetsanopoulos, A.N. Vector directional filters—a new class of multichannel image processing filters 13629
Traher, C. *see* Loschner, H. 27920
Trahey, G.E. *see* Bohs, L.N. 31852
Trahey, G.E. *see* Durgin, H.W. 15708
Trahey, G.E. *see* Ramamurthy, B.S. 16084
Trahms, L., Erne, S.N., Stehr, R., Seibertz, E., Friederici, A. Multichannel magnetic recording of P300 activity 31883
Trahms, L. *see* Curio, G. 31884
Trahms, L. *see* Link, A. 15880
Trahms, L. *see* Link, A. 31825
Traiforos, S.A. Status of service water system inspections: an independent assessment 39779
Trail, M. *see* Tanabe, E. 42353
Train, D., Melia, L. A combined voltage-endurance and thermal cycling test for stator coils and bars 47824
Train, K.E. Intra-LATA toll elasticities 22393
Train, K.E. Estimation of net savings from energy-conservation programs 40502
Trainin, O. *see* Gopher, D. 15963
Trainotti, V. Ghost cancellation: a new standard for NTSC television 23301
Trakhtengerts, V.Y., Hayakawa, M. A wave-wave interaction in whistler frequency range in space plasma 12598
Tralle, C. *see* Jung, N. 45082
Tralli, V. *see* Andrisano, O. 5748
Tram, H., Lopez Araguas, J.P., Jaen, J. Integrating GUI and database for automation and operations management 7876
Tram, H. *see* Lopez Araguas, J.P. 24926
Trambarulo, R. *see* Drabeck, L. 18537
Trambarulo, R. *see* Drabeck, L. 26746
Tramotana, J.C. *see* Bringans, R.D. 9535
Trampert, A. *see* Tournie, E. 41324
Trampus, P. Material testing and evaluation from the point of view of the nuclear power plant safety 16528
Tran, A., Lin, T.-C. Simple disjoint decomposition of Reed-Muller polynomials 45296
Tran, A. *see* Kreutz, R. 15550
Tran, A.M., Itoh, T. Analysis of microstrip lines coupled through an arbitrarily shaped aperture in a thick common ground plane 4193
Tran, A.M., Itoh, T. Full-wave modeling of coplanar waveguide discontinuities with finite conductor thickness 21352
Tran, A.M., Itoh, T. Open-ended microstrip lines coupled through an arbitrary aperture in a thick common ground plane 29248
Tran, C.A., Masut, R.A., Brebner, J.L., Jouanne, M. Atomic layer epitaxy and structural characterization of InP and InAs/InP heterostructures 33643
Tran, C.A. *see* Watkins, S.P. 33645
Tran, C.D., Furlan, R.J. Amplitude stabilization of a multiwavelength laser beam by an acousto-optic tunable filter 35936
Tran, D. *see* Busselman, B. 10929
Tran, D.H. *see* Nickel, J.R. 7763
Tran, D.P. *see* Tian, M. 29303
Tran, H.T., Sammut, R.A., Pask, C. TE_{01} waves in nonlinear optical fibers and their device implications 36016
Tran, H.van *see* van Tran, H.
Tran, J.-M.Q.D., Hodgkiss, W.S. Array surveying using matched-field processing 14719
Tran, K. *see* Lin, C.W. 9274
Tran, K. *see* Lin, C.W. 33373
Tran, L. *see* Batra, S. 18720
Tran, L.H. *see* McMorrow, D. 34924
Tran, L.T. *see* Kobayashi, K.W. 19119
Tran, M., Nguyen, C. A new rectenna circuit using a bow-tie antenna for the conversion of microwave power to DC power 4276
Tran, M., Nguyen, C. Modified broadside-coupled microstrip lines suitable for MIC and MMIC applications and a new class of broadside-coupled band-pass filters 19115
Tran, M. *see* Park, H. 34751
Tran, M.Q. *see* Antonsen, T.M., Jr. 1787
Tran, M.Q. *see* Tzanetakis, P. 35564
Tran, Q.T. *see* Moore, P.M. 13338
Tran, S.C. *see* Carter, J. 8592
Tran, T. *see* Sudarshanam, V.S. 6552
Tran, T.-H. *see* Brammer, R. 11382
Tran, T.A. *see* Murphy, K.A. 6547
Tran, T.A. *see* Murphy, K.A. 23673
Tran, T.A. *see* Poland, S.H. 3071
Tran Tien Lang *see* Lang Tran Tien
Tran-Gia, P., Gold, H., Grob, H. A batch service system operating in a pull production line 214
Tran-Gia, P. *see* Stock, T. 13919
Tran-Minh, C. *see* Martorell, D. 6605
Tranduc, H. *see* Beydoun, B. 1063
Tranduc, H. *see* Kassmi, K. 26731
Tranduc, H. *see* Kassmi, K. 35010
Trankell, K. *see* Larsson, R. 17295
Trankle, G. *see* Baumgartner, P. 28197
Trankle, G. *see* Bernhard, K. 43538
Trankle, G. *see* Rohr, T. 9632
Trankle, G. *see* Rothfritz, H. 43875
Trannoy, A. *see* Malara, P. 5513
Tranquilla, J. *see* Zhuang, W. 22934
Tranquilla, J.M., Al-Rizzo, H.M. Range errors in global positioning system during ice cloud and snowfall periods 46134
Tranquille, G. *see* Asseo, E. 15383
Tranquille, G. *see* Bosser, J. 7067
Trapanese, M. *see* Cecconi, V. 147
Trapani, P. *see* O'Shaughnessy, K. 47008
Trapani, P.Di *see* Di Trapani, P.
Trapp, M. PLD-design methods migrate existing designs to high-capacity devices 41782
Traspedini, L. *see* Adam, W. 7259
Traspedini, L. *see* Adam, W. 31715
Traspedini, L. *see* Adam, W. 46929
Traub, C. *see* Schottler, M. 43050
Traunero, R. DC power switching: making the right choice 32971
Trauth, E.M. *see* Collins, J.S. 26108
Trautmann, K. *see* Fruhauf, J. 27702
Travers, M.N. *see* Garcia, Q. 36420
Traversa, E., Miyayama, M., Yanagida, H. Gas sensitivity of ZnO/La_2CuO_4 heterocontacts 31340
Traversa, E. *see* Gusmano, G. 18239
Travier, C. An introduction to photo-injector design 31653
Travier, C. *see* Gao, J. 7138
Travis, D.S. *see* McCartney, D.J. 23352
Travis, E.O., Fiordalice, R.W. Manufacturing aspects of low pressure chemical-vapor-deposited TiN barrier layers 9771
Travis, K. *see* Andreasen, L. 37652
Travish, G. *see* Bonifacio, R. 43997
Travish, G. *see* Hartman, S.C. 38818
Travish, G. *see* Pellegrini, C. 44002
Travish, G. *see* Rosenzweig, J. 42357
Travkin, V.V. *see* Lugansky, L.B. 2918
Traw, C.B.S. *see* Smith, J.M. 5474
Traynor, D. *see* Illman, R. 41753
Trbojevic, D. *see* Lee, S.Y. 15468
Trcek, D., Jerman-Blazic, B. Certificates handling and their support within X.500 system 22484
Treado, T.A., Brown, P.D., Aiguier, D. New experimental result at long pulse and high repetition rate from Varian's phase-locked magnetron array program 27418
Treat, D.W. *see* Bour, D.P. 3669
Treat, D.W. *see* Bour, D.P. 43922
Trebess, R. *see* Hoffmann, E. 24992
Trebin, H.-R. *see* Schmiedel, H. 20408
Trebino, R. *see* Kane, D.J. 20964
Trecat, J., Jianping Wang A protection software package for realistic computer relaying education 113
Trecat, J. *see* Wang, J. 8720
Tredicce, J.R. *see* Brambilla, M. 35917
Tredicce, J.R. *see* Coates, A.B. 35650
Tredicucci, A. *see* Chen, Y. 20940
Treece, J.C. *see* Sabbagh, H.A. 18382
Trefethen, L.N. *see* Higham, D.J. 608
Trefonas, P. *see* Johnson, J.R. 11014
Treheux, D. *see* Berroung, A. 2733
Treheux, D. *see* Vallayer, B. 35121
Treheux, M.E. Competition in telecommunication business: a challenge for national telecommunications operations 45389
Trehu, A. *see* Desnoyer, S. 5437
Treichler, J.R. Application of blind equalization techniques to voiceband and RF modems 5637
Treideris, G. *see* Krotkus, A. 31226
Treimer, W., Hofer, A., Feye-Treimer, U. Double crystal diffractometry with lamellae crystals 47002
Treitinger, L., Felder, A., Kopl, R., Meister, T.F., Pick, S., Popp, J., Schreiter, R., Weger, P., Wieland, J., Rein, H.M. Silicon Technologies and integrated circuits for multi Gbit/s light-wave communication at 10-100 Gb/s 30837
Trejbal, Z. *see* Stursa, J. 15406
Treleaven, P. *see* Pacheco, M. 20008
Treleaven, P.C. *see* Nigri, M.E. 18940
Treleaven, P.C. *see* Vellasco, M.M.B.R. 19969
Tremaine, K.S. *see* Rosenfield, M.G. 27934
Tremblay, C. *see* Le Dinh, C.T. 38248
Tremblay, M., Laurendeau, D., Parent, F., Poussart, D. Smart 2D hexagonal sensor with integrated analog processing for multiresolution edge extraction 38568
Tremblay, M., Laurendeau, D., Poussart, D. High resolution smart image sensor with integrated parallel analog processing for multiresolution edge extraction 23707
Tremblay, P. *see* Beaulieu, C. 1565
Tremblay, P. *see* Breton, M. 3655
Tremblay, P. *see* Tetu, M. 6033
Trenda, P. *see* Turcu, I.C.E. 28025
Trenholme, J.B. *see* Lawson, J.K. 35948
Trenkic, V., Chirstopoulos, C., Benson, T.M. Simple and elegant formulation of scattering in TLM nodes 4169
Trenkic, V., Christopoulos, C., Benson, T.M. New symmetrical super-condensed node for the TLM method 36291
Trenkler, G. *see* Lassahn, M. 6741
Trenkler, G. *see* Tarach, D. 6728
Trenner, A. *see* Khageh, M. 25899
Trent, J.R. ASIC MCML series application and beyond 332
Trentelman, M. *see* van Goor, F.A. 20652
Trenty, A. *see* Alguindigue, I.E. 32616
Trepanier, F., Manivannan, G., Changkakoti, R., Lessard, R.A. Polymer waveguides: characterization through prism-film coupler method 21108
Treshikhin, V.A. *see* Gudaev, O.A. 28607
Tresp, V., Leuthausser, I., Schlang, M., Neuneier, R., Abraham-Fuchs, K., Harer, W. An efficient model for systems with complex responses [neural network architecture for nonlinear filtering] 4639
Tresp, V. *see* Schlang, M.F. 7349
Tress, A.D. *see* Linnett, L.M. 38177
Tresso, E. *see* Demichelis, F. 27495
Tresso, E. *see* Demichelis, F. 28604
Tresso, E. *see* Leo, G. 28608
Tresso, E. *see* Ouwens, J.D. 26483
Tretinik, V.V. *see* Chishko, V.F. 11847
Tretmans, J. A formal approach to conformance testing 30236
Tretter, D., Bouman, C.A. Multiscale stochastic approach to object detection 30098
Tretter, S.A. *see* Laroia, R. 21586
Tretter, S.A. *see* Tang, C.E.T. 44858
Tretyakov, S.A., Koivisto, P.K., Oksanen, M.I. Electromagnetic waves in bi-isotropic waveguides 4242
Tretyakov, S.A., Sochava, A.A. Eigenwaves in uniaxial chiral omega media 4034
Tretyakov, S.A. *see* Koivisto, P.K. 4230
Tretyakov, S.A. *see* Lindell, I.V. 4082
Tret'yakov, V.V. *see* Ber, B.Ya. 33624
Tretyakov, V.V. *see* Zelikman, M.A. 2894
Tret'yakova, S.S. *see* Kanarik, G.G. 28449
Treuer, R., Agarwal, V.K. Fault location algorithms for repairable embedded RAMs 10160
Treven, S. Telecommunications as the strategic resource of an enterprise 37184
Trew, R.J., Winslow, T.A., Mishra, U.K. A gate breakdown mechanism in MESFETs and HEMTs 2595
Trew, R.J. *see* Bilbro, G.L. 1519
Trew, R.J. *see* Slater, D.B., Jr. 42897
Trew, R.J. *see* Woolard, D.L. 19712
Trezza, J.A., Larson, M.C., Harris, J.S., Jr. Zero chirp quantum well asymmetric Fabry-Perot reflection modulators operating beyond the matching condition 20404
Trezza, J.A., Larson, M.C., Lord, S.M., Harris, J.S., Jr. Large, low-voltage absorption changes and absorption bistability in GaAs/AlGaAs/InGaAs asymmetric quantum wells 11678
Trezza, J.A., Larson, M.C., Lord, S.M., Harris, J.S., Jr. Low-voltage, low-chirp, absorptively bistable transmission modulators using type-IIA and type-IIB $In_{0.3}Ga_{0.7}As/Al_{0.33}Ga_{0.67}As/In_{0.15}Ga_{0.85}As$ asymmetric coupled quantum wells 20397
Trezza, J.A. *see* Lord, S.M. 3165
Tri-Rung Yew *see* Kun-Chih Wang 34707
Tri-Rung Yew *see* Kuo-Chiang Hsu 42928
Tri-Rung Yew *see* Ming-Deng Shieh 696
Triano, A. *see* Carlson, N.W. 20825
Triano, A. *see* Martinelli, R.U. 35839
Triantafillou, P., Feng Xiao Supporting partial data accesses to replicated data 45330
Triantafillou, P., Taylor, D.J. Multiclass replicated data management: exploiting replication to improve efficiency 37145
Triboulet, R., Tromson-Carli, A., Patriarche, G., Lorans, D., Nguyen Duy, T. GaAs substrates for the MOVPE growth of (Hg,Cd)Te layers 33610
Triboulet, R. *see* Gartsman, K. 1948
Tribula, D. *see* Kwo, K.-W. 9796
Tributsch, H. *see* Wunsch, F. 6510
Trick, T. *see* Burch, R. 26589
Trickett, B.A. *see* Renier, M. 15278

Tridgell, A., Millar, B. A speaker independent phoneme recognition system 13064
Trieflinger, R. Measurements of the new pan-European GSM-standard mobile radio systems 45797
Trier, H. Further development of the periodical vehicle test by using diagnostic interface 48436
Trifonov, A.P., Bespalova, M.B. The effectiveness of an estimate of the repetition period of rectangular video pulses 21738
Trifonov, A.P., Bespalov, M.B. Estimate of range and speed by sounding with a sequence of optical pulses 23137
Trifonov, A.P., Bespalova, M.B. Efficiency of joint estimates of the arrival time and pulse iteration period with unknown amplitudes 45024
Trifonov, E.S. *see* Baev, V.P. 8784
Trifonov, E.S. *see* Berezin, G.L. 11547
Trifonov, I.I., Trifonov, I.I., Jr., Shelepenko, Yu.V. Chebyshev approximation of frequency characteristics of recursive bandpass filters with a linear phase 42078
Trifonov, I.I., Jr. *see* Trifonov, I.I. 42078
Trifonov, S.N. *see* Gryazanov, N.S. 15469
Trifonova, S.G. *see* Tzanov, V.A. 22582
Trigari, S. *see* Sottini, S. 3791
Trigeassou, J.C. *see* Pincon, J.P. 8441
Trigiante, D. *see* Amodio, P. 9476
Trigiante, D. *see* Brugnano, L. 9472
Trigila, S. *see* Insulander, J. 37217
Trigonidis, V.K. *see* Koukourlis, C.S. 18528
Trilhe, J. *see* Boubekeur, A. 18775
Trillo, S. *see* Aceves, A.B. 36032
Trillo, S. *see* De Angelis, C. 36033
Trillo, S. *see* Ferro, P. 36023
Trimarchi, E. *see* Rezny, M. 21577
Trimble, D.O. *see* Sampayan, S.E. 34469
Trimble, L.E. *see* Cummings, K.D. 27973
Trimble, L.E. *see* Mixon, D.A. 27966
Trimble, T.M. *see* Rosenbaum, F.J. 1308
Trimmer, B.D., Barker, L.V. Signal detection: future receiver technologies 39441
Trinchuk, B.F. *see* Novoselov, A.N. 2364
Tringali, D.R. *see* Crowley, J.D. 42198
Tringali, D.R. *see* Crowley, J.D. 42208
Tringides, M.C. *see* Roos, K.R. 26416
Trinh, H. *see* Aldeen, M. 24778
Trinh-Van, C. *see* Le Polozec, X. 26732
Tripathi, A., Vedavathy, T.S. Electromagnetic shielding using superconductors 12638
Tripathi, C.B., Mehra, D.K. An initialization scheme for normalized generalized fast transversal filter algorithm for data transmission 29703
Tripathi, L.N., Mishra, S.K., Singh, R.N. Luminescence in ZnSe doped with Pr and (Sn,Pr) phosphors 20517
Tripathi, N. *see* Cassell, J. 24687
Tripathi, P.C. Latest trends in electrical systems in large thermal power plants 8119
Tripathi, P.C. *see* Singh, B. 47710
Tripathi, S.K., Mukherjee, S. Time constrained message transmission in a LAN environment 37539
Tripathi, S.K. *see* Mishra, P.P. 5604
Tripathi, S.K. *see* Mukherjee, S. 22533
Tripathi, V.K. Micron and submicron interconnect modeling 2215
Tripathi, V.K., Holmes, C., Cochrane, M., Allen, B. A distributed CAD model for microstrip spiral inductors 27169
Tripathi, V.K. *see* Arabi, T.R. 23852
Tripathi, V.K. *see* Hayden, L.A. 23861
Tripathi, V.K. *see* Luo, S. 27158
Tripathi, V.K. *see* Thorburn, M.A. 10502
Tripathy, S.C. Digital speed governor for steam turbine 32722
Tripathy, S.C. Electric drive for flywheel energy storage 33108
Tripathy, S.C., Haridas, M. A novel computer software for calculating optimum location and ratings of a shunt capacitor for loss reduction in distribution feeders 32411
Tripathy, S.C., Jain, A., Rao, N.D. An expert system to correct real power flow violation 39499
Tripathy, S.K., De, A.K., Das, J. A computer algorithm of noise removal in acoustic radar echograms 39390
Tripathy, S.K. *see* Kim, D.Y. 20247
Tripkovic, A. *see* Feddrix, F. 17297
Triplett, B.B. *see* Park, H. 34751
Tripp, L. *see* McCloskey, K. 16104
Tripp, S. The multilayer varistor: a beneficial new approach to the suppression of harmful transient voltages including ESD 34284
Tripp, V., Wang, J., Tillery, J., Chambers, C., Hirvela, G. A versatile, broadband, low-profile antenna 44565
Tripp, V.K. *see* Wang, J.J.H. 36386
Trippe, G. *see* Edinger, W. 25139
Trippe, L.M., Brogle, P., van Millingen, J.D. Performance measurements during continuous operation of steam and gas turbines using torque meters 40096
Trishechkin, A.M. *see* Voropai, V.I. 47389
Trishechkin, P.F., Karchkov, V.A. A six-channel temperature meter for biological objects 6838
Triska, I. *see* Simsa, J. 14379
Triska, P. *see* Oraevsky, V. 21260
Tristram, G. *see* Adam, W. 46929
Trisuwannawat, T. *see* Dejhan, K. 10366
Trisuwannawat, T. *see* Dejhan, K. 18520
Trivedi, K. *see* Logothetis, D. 5493
Trivedi, K.S., Ciardo, G., Malhotra, M., Sahner, R.A. Dependability and performability analysis 5354
Trivedi, K.S., Malhotra, M., Fricks, R.M. Markov reward approach to performability and reliability analysis 33452
Trivedi, K.S. *see* Muppala, J.K. 9399
Trivedi, M.M. *see* Dalmia, A.K. 29827
Trivedi, M.M. *see* Marapane, S.B. 22240
Trivedi, M.M. *see* Ravichandran, G. 21924
Trivedi, M.M. *see* Shirvaikar, M.V. 21923
Trivedi, R., Venkatasubramanian, R., Dorsey, D.L. Surface ordering of MBE grown (001) $Ga_{0.5}Al_{0.5}As$— a theoretical study 9601
Trivedi, S. *see* Davidson, F.M. 43619
Trivella, R. *see* Del Carlo, C. 32978
Trivizas, D. TMSIM: a runway capacity study for Frankfurt and Chicago O'Hare airports 39322
Trizna, D.B. *see* Sletten, M.A. 23174
Trnovec, J. *see* Matejcik, S. 10925
Trobaugh, J.L. Innovative DSM for deferring substation construction 7783
Trobec, R. *see* Novak, F. 13955
Troccolo, P., Cohen, D., Tam, N., Dao, G., Qian, Q.-D. Interferometric measurment of etch depths in phase shift masks 2289
Troccolo, P. *see* Allen, R.A. 6778
Troccolo, P. *see* Smith, N. 15211
Troedson, S.C. *see* Lindsay, A.C. 35531
Troester, G. New telecom ICs for advanced digital switching systems 5644
Trofanchuk, L.A. *see* Andrianov, S.N. 11651
Trofimov, A.N. Distance spectra of lattice-based codes 29470
Trofimov, N. *see* Barnett, I. 15672
Trofimov, O.E. The method for kinoform calculation, based on the use of random functions 12437
Trofimov, O.E. The use of inversion formulas involving distributions in construction of numerical algorithms for three-dimensional tomography reconstruction 24198
Trofimov, O.E. Fourier transform of beam data 30127
Trofimov, V.N. Cryogenic detection of particles with a SQUID-assisted thermocouple Au:Fe-Nb and silicon absorber 23923
Trofimov, Y.V. *see* Vedenin, A.S. 28673
Troglia, G.P. *see* Franceschini, G. 40267
Troitski, Y.V. Dispersion-free Fabry-Perot interferometer for measuring very small displacements 46628
Trojanowicz, M. *see* Szostek, B. 46675
Trojaola, M. Sensors and systems in space: Ariane 5 7531
Trokhimenko, Y.K., Rybin, A.I. Estimate by the modifications method of the influences of the changes in the linear circuit parameters 18443
Trokhimenko, Y.K., Rybin, A.I., Tsimbalist, S.A. Formation of scattering matrices for complex microwave circuits allowing for discrepancy of normalizing impedances 1496
Troll, P. *see* Auer, E. 22963
Tromborg, B. *see* Mork, J. 3653
Tromborg, B. *see* Olesen, H. 35816
Trommer, D., Umbach, A., Passenberg, W., Unterborsch, G. A monolithically integrated balanced mixer OEIC on InP for coherent receiver applications 20571
Tromp, R.M. *see* LeGoues, F.K. 9569
Trompf, M., Alcatel, S. Building blocks for a neural noise reduction network for robust speech recognition 13134
Tromson-Carli, A. *see* Triboulet, R. 33610
Tron, A.M., Vasilev, P.B. Secondary electron monitor of beam's two-dimensional transverse current density distribution 15451
Tronc, D. *see* Girault, P. 15393
Tronc, D. *see* Letellier, P. 7012
Tronche, C. *see* Cameron, N.I. 28210
Trondle, H. *see* Kolschbach, V. 6002
Tronsrue, G.M. The local loop 5628
Tront, J.G. *see* Ryan, C.A. 10127
Tront, J.G. *see* Ryan, C.A. 18603
Trontelj, J., Trontelj, L., Kunc, V., Bemelmans, J. Automotive CMOS ASIC with power drivers, high voltage protection and microprocessor interface 2670
Trontelj, J. *see* Starasinic, S. 1012
Trontelj, L. *see* Kregar, V. 2542
Trontelj, L. *see* Trontelj, J. 2670
Troost, K.Z. *see* Kordic, S. 10990
Tropiano, G. *see* Messina, G. 15332
Tropper, A.C. *see* Lauder, R.D.T. 3549
Troshchieva, V.N. *see* Elkin, N.N. 44025
Troshikhin, A.G. *see* Baraban, A.P. 34620
Trotel, J. Use of a variable shaped beam electron lithography system for diffractive optics components manufacturing 29059
Trotignon, M. *see* Counan, C. 25024
Trotignon, M. *see* Phadke, A.G. 47608
Trotskii, V.Ya. *see* Atamanchuk, I.G. 27659
Trott, K.D., Walker, J.R., Jr. MMW modeling and measurement of targets and materials 23119
Trott, K.D. *see* Walker, J.R., Jr. 24566
Trott, M.D. *see* Forney, G.D., Jr. 36504
Trotta, A. *see* Andria, G. 4608
Trotter, J.A. *see* Agrawal, P. 41579
Trotti, M.A.Romagnoli *see* Romagnoli Trotti, M.A.
Trouilloud, P.L., Petek, B., Argyle, B.E. Flux propagation in inductive thin-film heads 2833
Trouilloud, P.L. *see* Herman, D.A., Jr. 11507
Troup, T.P. *see* Donnelly, T. 43301
Trousil, J. *see* Krasa, J. 38849
Troussel, P. *see* Hara, T. 43970
Trousset, Y. *see* Renaudin, C. 15772
Trout, T.J. *see* Gambogi, W.J. 29049
Trovato, M. *see* Brucoli, M. 16233
Trovato, M. *see* La Scala, M. 16210
Trowbridge, S. *see* Ellis, H.L. 39580
Trowbridge, T. *see* Hathaway, M. 2655
Troxel, S.W. *see* Delanoy, R.L. 7617
Troxel, S.W. *see* Delanoy, R.L. 23183
Troy, D. Emulating Non-DOS systems under MS-DOS 37456
Troyan, V.I. *see* Borman, V.D. 42725
Troyanova, G. *see* Kovyazina, T. 41251
Troyen, D.Van *see* Van Troyen, D.
Troyer, G.L. *see* Addleman, R.S. 7640
Trpovski, Z. *see* Temerinac, M. 22196
Truant, P.T., Field, G.J. Darlington N12 event investigation: unit 1 and 2 fuel and fuel channel inspections 8079
Trubaev, V.V. *see* Makin, V.S. 19605
Trube, J., Huber, H.-L., Blasing-Bangert, C., Rinn, K., Roth, K.-D. High-performance pattern placement metrology on dynamic random access memory layers of 0.25 μm technology 26940
Trube, J., Yabe, H., Aya, S., Marumoto, K., Matsui, Y. Low stress and optically transparent chromium oxide layer for X-ray mask making 27992
Trubekhin, E.R. *see* Shlegel, V.Ya. 18977
Trubelja, M.F. *see* Fu, B. 17338
Trubetskov, D.I. *see* Anfinogentov, V.G. 1788
Trubetskov, D.I. *see* Ryskin, N.M. 10630
Trubitsyn, V.I., Solov'ev, A.I. Consideration of operator activity in evaluation of thermal power station unit performance reliability 25219
Trucco, P. *see* Semino, A. 22000
Truche, R. *see* Dentan, M. 34183
Truchetet, F. *see* Bourennane, E. 45063
Truckenbrodt, H. *see* Rothe, H. 38708
Trucks, G.W. *see* Raghavachari, K. 34715
Trudel, B. Combining US and German technologies to build simulators [nuclear industry] 8049
Trudel, D.T. *see* Gebhart, C.E. 8193
Trudel, G. *see* Denos, Y. 17271
Trudelle, S. *see* Kenny, P. 29560
Trudnowski, D.J. *see* Smith, J.R. 24720
Trueb, R. *see* Burger, P. 5349
Trueblood, M.B. *see* Whitefield, P.D. 35683
Trueman, C.W., Kubina, S.J., Luebbers, R.J., Mishra, S.R., Larose, C. RCS of high permittivity cubes by FDTD and by measurement 41221
Trueman, C.W. *see* Kubina, S.J. 44198
Trueman, C.W. *see* Luu, Q.C. 47170
Trueman, R. CRT-based data display technology 38625
Truesdale, B. Designing spindle motor control without Hall sensors 40232
Truesdell, K.A., Lamberson, S.E. Phillips laboratory COIL technology overview 12000
Trujillo, D.M. Separating signals from noise 13288
Trujillo, H., Nagy, A., Michelena, M., Rodriguez, P., Ugarte, R. Diode-connected magnetotransistors 14943
Trukhanov, E.M. *see* Bolkhovityanov, Yu.B. 27486
Trumble, T.M. *see* Ray, K.P. 39303
Trundle, D.S. *see* Campbell, D.R. 13840
Trung Huy Phan *see* Phan Trung Huy
Trung Tat Pham, Guanrong Chen A fuzzy logic approach to object recognition 45057
Trunk, G., Brockett, S. Range and velocity ambiguity resolution 23131
Trunk, J., Nunes, D., de Jesus, J.T., Rosolem, J.C. Bidirectional fused fiber couplers: development and applications 3037
Truol, P. *see* Eichenberger, S. 38928
Truong, J.P., Sentis, M.L., Delaporte, P., Forestier, B., Fontaine, B., Uteza, O., Tassy, Y. Efficient acoustic wave damping in a high pulse repetition rate XeCl laser 11995
Truong, T. *see* Kirby, S. 23410
Truong, T.K. *see* Chen, X. 36547
Truong, T.K. *see* Xuemin Chen 44703
Truong Vo-Van *see* Vo-Van Truong
Truscott, W.S. Negative conductance at THz frequencies in multi-well structures 42519
Trushkin, A.V. On the design of an optimal quantizer 21463
Truskowski, T. *see* Schmid, R. 22021
Trusov, K.K. Recent advance to 3×10^{-5} rad near diffraction-limited beam divergence of dye laser with transverse-discharge flash-lamp pumping 44035
Truss, P. *see* Bowler, R.A. 47154
Trussell, H.J. *see* Vora, P.L. 15071
Trussell, H.J. *see* Vrhel, M.J. 28577
Trutna, L.S. *see* Tipton, G.D. 42672
Trutna, W.R., Jr., Dolfi, D.W. Comment on "Source of sidelobe asymmetry in integrated

acousto-optic filters" [Appl. Phys. Lett. 62, 814 (1993)] 28535
Trutna, W.R., Jr., Stokes, L.F. Continuously tuned external cavity semiconductor laser 20772
Trutna, W.R., Jr. *see* Aronson, L.B. 3241
Trutschel, U. *see* Krolikowski, W. 36028
Trutschel, U. *see* Muschall, R. 35431
Trutschel, U. *see* Schmidt-Hattenberger, C. 3005
Trutt, F.C., Santa Cruz, C., Kohler, J.L., Sottile, J. Prediction of electrical behavior in deteriorating induction motors 47868
Truyen, N.N., Nguygen-Doan, T.N., Nguyen, H. Telecommunications management network for broadband-ISDN 37587
Truyen, N.N. *see* Kanangara, C. 37575
Truyen, N.N. *see* Nguyen-Doan, T.N. 37581
Trzesowski, Z. *see* Kuznetsov, A.A. 11932
Trzpit, C. *see* Lidin, R. 32547
Tsagaraki, K. *see* Georgakilas, A. 33625
Tsagas, N.F. *see* Bakos, G.C. 21939
Tsai, C. *see* Pu, Y. 3236
Tsai, C.-J., Atwater, H.A. Amplification of misorientation of Ge films on Si(100) during ion-assisted molecular beam epitaxy 41309
Tsai, C.-J., Yang, J.-F. Autofocusing technique for adaptive coherent signal-subspace transformation beamformers 36662
Tsai, C.-P. *see* Bhavnani, S.H. 323
Tsai, C.C. *see* Fauchet, P.M. *(editor)* 17665
Tsai, C.M., Gupta, K.C. Nonsymmetry of Z-matrices for planar circuits as obtained by the contour integral method 9922
Tsai, C.M. *see* Lee, C.P. 11665
Tsai, C.M. *see* Tsang, J.S. 12238
Tsai, C.M. *see* Yen, S.T. 34582
Tsai, C.S. *see* Grolemund, D. 9844
Tsai, C.S. *see* Kar-Roy, A. 3248
Tsai, C.S. *see* Wang, C.L. 3237
Tsai, C.S. *see* Yamamoto, Y. 20445
Tsai, C.Y., Eastman, L.F., Lo, Y.H. Hot carrier and hot phonon effects on high-speed quantum well lasers 20806
Tsai, F.C.D. Geometric hashing with line features 45260
Tsai, H.S., York, R.A. Polarisation-rotating quasi-optical reflection amplifier cell 10496
Tsai, J.-M. *see* Hsieh, P.-W. 1331
Tsai, J.Y., Canovai, C., Osburn, C.M., Wang, Q.F., Rose, J., Cowen, A., Denker, M.S. Solid source diffusion from agglomerating silicide sources. I. Measurement and modeling 42615
Tsai, J.Y. *see* Osburn, C.M. 19484
Tsai, K.L. *see* Chen, H.R. 2463
Tsai, K.L. *see* Chen, H.R. 11166
Tsai, K.L. *see* Tsang, J.S. 12238
Tsai, K.L. *see* Tsang, J.S. 43672
Tsai, L.-C., Berkey, F.T., Stiles, G.S. On the derivation of an improved parameter configuration for the Dynasonde 7619
Tsai, M.-H., Packard, W.E., Dow, J.D., Kasowski, R.V. Oxidation of the GaAs(110) surface 19596
Tsai, M.-H. *see* Uren, M.J. 2517
Tsai, M.-J., Lu, S.W., Huang, Y.T. Properties of superconducting tapes as functions of mechanical processing 34305
Tsai, M.-L., Chatrian, G.-E., Holubkov, A.L., Temkin, N.R., Shaw, C.-M., Ojemann, G.A. Electrocorticography in patients with medically intractable temporal lobe seizures. II. Quantification of epileptiform discharges following successive stages of resective surgery 7422
Tsai, M.-L., Chatrian, G.-E., Pauri, F., Temkin, N.R., Holubkov, A.L., Shaw, C.-M., Ojemann, G.A. Electrocorticography in patients with medically intractable temporal lobe seizures. I. Quantification of epileptiform discharges prior to resective surgery 7421
Tsai, M.-S., Liu, C.-C., Mesa, V.N., Hartwell, R. IOPADS (intelligent operational planning aid for distribution systems) 24847
Tsai, M.-S. *see* Muchlinski, S. 32236
Tsai, M.H. *see* Kwan, K.S. 7809
Tsai, M.H. *see* Kwan, K.S. 7847
Tsai, M.J., Smith, J.S., Lucas, J. Multi-fibre calibration of incoherent optical fibre bundles for image transmission 45973
Tsai, N.S. *see* Hsieh, J.C. 11198
Tsai, N.S. *see* Liu, R. 19852
Tsai, R., Chen, J.-L. Design of a distributed problem-solving system for short-term load forecasting 16274
Tsai, R. *see* Chen, J.-L. 24932
Tsai, S.-C., Ragsdell, K.M. Optimization efficiency of Taguchi-class experimental design using conjugate arrays 423
Tsai, S.S. VXI multiplexer switches aid RF test setups 10545
Tsai, W., Delfino, M., Day, M.E., Sheng, T., Chung, B.C., Salimian, S. Correlation of plasma and surface chemistry during electron cyclotron resonance hydrogen etching of native silicon oxide 2151
Tsai, W. *see* Day, M.E. 10943
Tsai, W. *see* Liu, D. 10997
Tsai, W. *see* Nam, C.W. 10964
Tsai, W. *see* Nam, C.W. 34744
Tsai, W.C. *see* Chang, T.C. 41456
Tsai, W.H. *see* Liu, C.H. 45120
Tsai, W.K. *see* Antonio, J.K. 45377
Tsai, W.K. *see* Guan, W.-J. 14244
Tsai, Y.T., d'Luna, L.J., Lee, P.P.K. *(editors)* Proceedings of Fifth Annual IEEE International ASIC Conference and Exhibit (Cat. No.92TH0475-4) 17699
Tsai, Z., Yu, K., Lai, F. HiMA: a hierarchical and modular ATM switch with partially shared output buffer 22653
Tsai, Z.T. *see* Ting, G. 46833
Tsai Chi-Taou *see* Chi-Taou Tsai
Tsai Chih-Min *see* Chih-Min Tsai
Tsai Ching-Tsorng *see* Ching-Tsorng Tsai
Tsai Chun-Jen *see* Chun-Jen Tsai
Tsai Hann-Huei *see* Hann-Huei Tsai
Tsai Jer-Min *see* Jer-Min Tsai
Tsai Jiun-Horng *see* Jiun-Horng Tsai
Tsai Kuang-Lung *see* Kuang-Lung Tsai
Tsai Meng-Jin *see* Meng-Jin Tsai
Tsai Ming-Tsung *see* Ming-Tsung Tsai
Tsai Ping-Her *see* Ping-Her Tsai
Tsai Ren-Jer *see* Ren-Jer Tsai
Tsai Rung-Ywan *see* Rung-Ywan Tsai
Tsai Sei-Yu *see* Sei-Yu Tsai
Tsai Tzu-Chieh *see* Tzu-Chieh Tsai
Tsai Wen-Chung *see* Wen-Chung Tsai
Tsai Wen-Hsiang *see* Wen-Hsiang Tsai
Tsai Wen-Inne *see* Wen-Inne Tsai
Tsai Ying-Shuo *see* Ying-Shuo Tsai
Tsai-Hsiang Chen Comparison of Scott and Leblanc transformers for supplying unbalanced electric railway demands 40592
Tsakalis, K., Deisher, M., Spanias, A. Adaptive FIR filtering based on bounded error constraints 21886
Tsakalos, N., Zigouris, E. Use of a single chip fixed-point DSP for multiple speech channel vocoders 26982
Tsakanov, V. *see* Balewski, K. 46775
Tsakiridou, S., Stavrakakis, I. Queueing analysis of a versatile class of service policies 45319
Tsakiridou, S. *see* Stavrakakis, I. 5538
Tsaknakis, H. *see* Deb, S. 23122
Tsalamengas, J.L. TE-scattering by conducting strips right on the planar interface of a three-layered medium 36155
Tsalamengas, J.L., Vardiambasis, I.O., Fikioris, J.G. TE and TM modes in circularly shielded slot waveguides 21301
Tsalides, P. *see* Tzionas, P. 10200
Tsalides, P.G. *see* Lygouras, J.N. 46109
Tsalides, P.G. *see* Tzionas, P.G. 11898
Tsalides, Ph. *see* Adamides, E.D. 13894
Tsamakis, D. *see* Misiakos, K. 42855
Tsamis, C. *see* Tsoukalas, D. 10775
Tsan-Kuang Ho, Sen-Yen Shaw, Jow-Tsong Shy A simple sequence-band CO_2 waveguide laser 20595
Tsanev, V.I. *see* Ferdinandov, E.S. 15979
Tsang, C., Chen, M.-M., Yogi, T. Gigabit-density magnetic recording 11479
Tsang, C. *see* Zhang, L.M. 12158
Tsang, C.F. *see* Wolford, D.J. 34583
Tsang, G. *see* Negahban, M. 26758
Tsang, H.K., Vasil'ev, P.P., White, I.H., Penty, R.V., Aitchison, J.S. First demonstration of two photon absorption in a semiconductor waveguide pumped by a diode laser 3804
Tsang, J.C. *see* Parsons, G.N. 9783
Tsang, J.S., Lee, C.P., Liu, D.C., Chen, H.R., Tsai, K.L., Tsai, C.M. Investigation of indium doping in InGaAs/GaAs/AlGaAs graded-index separated confinement heterostructure lasers 12238
Tsang, J.S., Lee, C.P., Tsai, K.L., Chen, H.R. Vertical integration of a GaAs/AlGaAs quantum-well laser and a long-wavelength quantum-well infra-red photodetector 43672
Tsang, J.S. *see* Chen, H.R. 2463
Tsang, J.S. *see* Chen, H.R. 11166
Tsang, J.S. *see* Lee, C.P. 11665
Tsang, L., Chan, C.H., Sangani, H. A banded matrix iterative approach to Monte Carlo simulations of large-scale random rough surface scattering: TE case 44296
Tsang, L. *see* Chan, C.H. 44297
Tsang, L. *see* Davis, D.T. 24505
Tsang, L. *see* Li, L. 44282
Tsang, P.W.M., Yuen, P.C., Lam, F.K. Classification of partially occluded objects using 3-point matching and distance transformation 45092
Tsang, T. *see* Fischer, J. 34470
Tsang, T. *see* Srinivasan-Rao, T. 38814
Tsang, W.K. *see* Core, T.A. 6419
Tsang, W.T., Chiu, T.H., Kapre, R.M. Monolayer chemical beam etching: reverse molecular beam epitaxy 19573
Tsang, W.T., Chiu, T.H., Kapre, R.M. Monolayer chemical beam etching 42679
Tsang, W.T., Kapre, R., Sciortino, P.F., Jr. In-situ dry etching of InP using phosphorus trichloride and regrowth inside a chemical beam epitaxial growth chamber 42719
Tsang, W.T., Kapre, R.M., Logan, R.A., Tanbun-Ek, T. Control of lasing wavelength in distributed feedback lasers by angling the active stripe with respect to the grating 20801
Tsang, W.T. *see* Chen, Y.K. 42880
Tsang, W.T. *see* Choa, F.S. 3134
Tsang, W.T. *see* Kapre, R.M. 27686
Tsang Chit-Sang *see* Chit-Sang Tsang
Tsang Jian-Shihn *see* Jian-Shihn Tsang
Tsankov, B.P. *see* Khadjiivanov, L.P. 13880
Tsann-Shyong Liu *see* Long-Wen Chang 13569
Tsao, A.J. *see* Lin, D.-G. 11195
Tsao, C. *see* Cai, L. 46052
Tsao, C. *see* Lee, C.J. 46050
Tsao, J. *see* Fuoss, P. *(editor)* 9105
Tsao, T., Weiner, D., Varshney, P., Schwarzlander, H., Slamani, M., Borek, S. Ambiguity function for a bistatic radar 14688
Tsao, T. *see* Slamani, M. 14689
Tsao, T.-R. *see* Chen, V.C. 22108
Tsao Hen-Wai *see* Hen-Wai Tsao
Tsao Shan-Hsin *see* Shan-Hsin Tsao
Tsao Shyh-Lin *see* Shyh-Lin Tsao
Tsao Tien-Ren *see* Tien-Ren Tsao
Tsapenko, M.P. *see* Rabinovich, E.V. 9451
Tsapenko, M.P. *see* Rabinovich, E.V. 9452
Tsapenko, M.P. *see* Rabinovich, E.V. 10231
Tsapenko, M.P. *see* Skvortsov, E.K. 14920
Tsarapkin, D.Ts. *see* Barabanov, A.R. 19084
Tsarenko, V.T. *see* Korsunov, A.R. 31147
Tsarenkov, G.V. *see* Reznikov, B.I. 10785
Tsarev, A.N. *see* Averin, S.V. 43629
Tsarik, Yu.I. *see* Gimpilevich, Yu.B. 46337
Tsar'kov, S.V. *see* Maslov, O.N. 12721
Tsarkov, V.D. *see* Bout, D.A. 25722
Tsatanis, M.K. *see* Giannakis, G.B. 22915
Tsatsanis, M. *see* Rangoussi, M. 4538
Tsatsanis, M.K., Giannakis, G.B. Time-varying channel equalization using multiresolution analysis 13373
Tsatsanis, M.K., Giannakis, G.B. A non-parametric approach for detecting changes in the autocorrelation structure 13444
Tsatsanis, M.K., Giannakis, G.B. Time-varying system identification using wavelets 21894
Tsatsanis, M.K., Giannakis, G.B. Time-varying system identification and model validation using wavelets 44976
Tsatsaronis, G., Pisa, J. Exergoeconomic evaluation and optimization of energy systems—application to the CGAM problem 39990
Tsatsaronis, G. *see* Tawfik, T. 40002
Tsatsaronis, G. *see* Valero, A. 39954
Tsaur Bor-Yeu *see* Bor-Yeu Tsaur
Tsaur Tay-Her *see* Tay-Her Tsaur
Tsay, J.C. *see* Su, S.J. 2612
Tsay, M.T., Lin, W.M., Lu, C.N., Chen, C.S. Integration of automatic mapping/facility management in distribution system analysis 16306
Tsay, R.-S., Chang, S.C., Thorvaldson, J. Early wirability checking and 2D congestion-driven circuit placement 18392
Tsay, R.-S., Lin, I. Robin Hood: a system timing verifier for multi-phase level-sensitive clock designs 18841
Tsay Wen-Chin *see* Wen-Chin Tsay
Tscharn, M. *see* Bosterling, W. 26695
Tschedrin, A.I. *see* Golovinsky, P.M. 46813
Tschedrin, A.I. *see* Goretsky, V.P. 38821
Tschernitz, M., Freyer, J. GaAs-modules for power generation at W-band frequencies 27214
Tschernitz, M. *see* Freyer, J. 9312
Tschernjavskij, V. *see* Ecke, W. 38541
Tschichholz, M., Donnelly, W. The PREPARE management information service. VPN inter-domain management using an integrated X.500 and X.700 information model 37287
Tschimpke, L., Huber, J. In-circuit test: the search for faults on other paths 19991
Tschirgi, J.S. *see* Levinson, S.E. 21651
Tschirky, H.P. The role of technology forecasting and assessment in technology management 40852
Tschudi, D. *see* Fuhr, J. 40283
Tschudi, T. *see* Balzer, G. 44130
Tschudi, T. *see* Columbus, D. 36065
Tschudi, T. *see* Hossfeld, J. 3920
Tschudi, T. *see* Kreuzer, M. 20244
Tschudi, T. *see* Thuring, B. 3822
Tschuppert, B. *see* Babi, J. 32977
Tse, C.K. Flip bifurcation and chaos in three-state boost switching regulators 33899
Tse, C.T. *see* So, A.T.P. 8258
Tse, C.T. *see* So, A.T.P. 16176
Tse, C.T. *see* So, A.T.P. 25370
Tse, P.K., Picard, L.J., Swain, J.E., Brown, R.W., Gurnett, C.J., Terefenko, G.J. Failure mechanisms of thin silicon tantalum integrated circuit (STIC) resistors on multi-chip module (MCM) 33450
Tse, W.-S. *see* Tzer-Hsiang Huang 43624
Tse-Tong Chia *see* Lee, R. 36135
Tsedilina, E.E. HF radio field strength and total propagation invariants 44342
Tseitlin, M.B., Myasin, E.A. The orotron (a review): analysis of high-efficiency regimes 27412
Tsekhomskaya, T.S. *see* Bermas, T.B. 43752
Tsekhomskaya, T.S. *see* Zilbershtein, A.Kh. 35551
Tsekhomskii, V.A. *see* Gaponenko, S.V. 3793
Tselikov, A.N. *see* Burakov, V.A. 25706
Tselikov, A.N. *see* Koroleva, L.A. 25756
Tselikov, A.N. *see* Velikhov, Ye.P. 25755
Tseluiko, A.V. *see* Aitov, N.L. 25757
Tseluiko, A.V. *see* Kirillov, V.G. 25763
Tseluiko, A.V. *see* Kirillov, V.G. 25771
Tseluiko, A.V. *see* Zubtzov, V.M. 25823

Tseng, B. *see* Fullowan, T.R. 42894
Tseng, B. *see* Lothian, J.R. 19621
Tseng, B. *see* Pearton, S.J. 19620
Tseng, B. *see* Ren, F. 3637
Tseng, B. *see* Ren, F. 20918
Tseng, B.-D. Computer-aided design of window functions for FIR filters 27061
Tseng, B.H.P., Cheng, C.-H., Chen, H.H., Lu, C.Y., Jensen, R. A novel design for the construction and startup of an eight inch pilot line 1234
Tseng, C. *see* Lee, L. 4477
Tseng, C.-C. *see* Pei, S.-C. 10304
Tseng, C.-C. *see* Pei, S.-C. 18885
Tseng, C.-H., Powers, E.J. Identification of nonlinear channels in digital transmission systems 4706
Tseng, C.-Y., Feldman, D.D., Griffiths, L.J. Direction of arrival estimation under perturbed conditions 21882
Tseng, C.-Y. *see* Castedo, L. 21766
Tseng, D. *see* Feng, M.S. 42977
Tseng, F.C. *see* Hsieh, J.C. 11198
Tseng, H.-H. *see* Balasinski, A. 19853
Tseng, H.-H. *see* Chen, C.-R. 15938
Tseng, H.C., Teo, D. Computer control of DC-motor with fuzzy logic 16890
Tseng, J. *see* Amidei, D. 46890
Tseng, J. *see* Tkaczyk, S. 46989
Tseng, K.J. Simulation of a complete power electronic drive system 17507
Tseng, K.J. *see* Palmer, P.R. 2492
Tseng, P. A path-following algorithm for linear programming using quadratic and logarithmic penalty functions 9435
Tseng, S.-S. *see* Hwang, G.-J. 22600
Tseng, T.Y. *see* Huang, C.J. 35282
Tseng, T.Y. *see* Mei, Y.J. 35299
Tseng, W. *see* Dagata, J.A. 34726
Tseng, W. *see* Steiner, B. 11252
Tseng, W.-H. *see* Huang, J.-H. 14136
Tseng, W.F., Comas, J., Steiner, B., Metze, G., Cornfeld, A., Klein, P.B., Gaskill, D.K., Xia, W., Lau, S.S. Growth and characterization of ternary and quarternary compounds of $In_y(Al_xGa_{1-x})_{1-y}As$ on (100)InP 713
Tseng, W.F., Dagata, J.A., Silver, R.M., Fu, J., Lowney, J.R. Junction locations by scanning tunneling microscopy: in-air-ambient investigation of passivated GaAs pn junctions 42461
Tseng, Y.-C., Linebarger, D.A. Aliasing effects on estimating transfer functions of quadratically nonlinear systems 29595
Tseng Chien-Cheng *see* Chien-Cheng Tseng
Tseng Ching-Yih *see* Ching-Yih Tseng
Tseng Din-Chang *see* Din-Chang Tseng
Tseng Lin-Yu *see* Lin-Yu Tseng
Tseng Sheng-Tsaing *see* Sheng-Tsaing Tseng
Tseng Wang-Dauh *see* Wang-Dauh Tseng
Tsenter, B. *see* Anderman, M. 40624
Tser-Yieth Chen *see* Hsu, G.J.Y. 9058
Tsern, E.K. *see* Meng, T.H. 14489
Tsern-Huei Lee, Jo-Ku Hu Performance of some multidestination GBN ARQ protocols under unequal round-trip delays 22363
Tserng, H.Q. *see* Hill, D.G. 28095
Tserng, H.Q. *see* Yarborough, R. 1613
Tserruya, I. *see* Baur, R. 46897
Tserruya, I. *see* Baur, R. 46911
Tsesmelis, E. *see* Borer, K. 7221
Tseung, A.C.C. *see* Shen, P.K. 25630
Tseung, A.C.C. *see* Shen, P.K. 32989
Tsfasman, M.A. *see* Hirschfeld, J.W.P. 44724
Tshidjenko, I.M., Vidolob, Yu.F., Kudrja, E.A., Ganefeld, R.V., Yakovlev, W.S. Combined current consolidation-inverter as a load unit of MHD generator 25835
Tshkune, A. *see* Mieno, F. 26518
Tsiakaras, P. *see* Bebelis, S. 16738
Tsiboukis, T.D. *see* Golias, N.A. 21165
Tsiboukis, T.D. *see* Golias, N.A. 36329
Tsie, K.Y., Aghvami, A.H. Performance of concatenated trellis-coded 16QAM with pilot symbol aided technique in the presence of fading 22825
Tsie, K.Y. *see* Chambers, W.G. 4435
Tsien Peihsin *see* Xu Li 27649
Tsige, M. *see* Wolf, H. 42631
Tsikalas, G., Sherry, L. System engineering positions - Honeywell Air Transport Systems Division for the future 39132
Tsikhon, V.N. *see* Pukhov, A.A. 35262
Tsiligirides, T. Teleworking: an information technology tool for integrated broadband communication development in rural areas of Europe 22657
Tsimbalist, S.A. *see* Trokhimenko, Y.K. 1496
Tsimbinos, J., Lever, K.V. Applications of higher-order statistics to modelling, identification and cancellation of nonlinear distortion in high-speed samplers and analogue-to-digital converters using the Volterra and Wiener models 1293
Tsimbinos, J., Lever, K.V. Improved error table compensation of A/D convertors using pseudorandom calibration signals 42014
Tsimring, Sh.E. *see* Manuilov, V.N. 12527
Tsing-Fa Lee, Wu, A.C.-H., Youn-Long Lin, Gajski, D.D. A transformation-based method for loop folding 41589
Tsiouras, J. Information technology and telecommunications quality system certification in Europe 30271
Tsirik, I.A. *see* Lazareva, I.V. 14267
Tsirlin, M. *see* Branover, H. 41494
Tsirlin, V.M. *see* Bykov, V.L. 14539
Tsirlin, V.M. *see* Lokshin, B.A. 30681
Tsironis, G.P., Deering, W.D., Molina, M.I. Applications of self-trapping in optically coupled devices 3116
Tsirou, A. *see* Adam, W. 46929
Tsitouras, C. *see* Papageorgiou, G. 9469
Tsitseroshin, M.N., Pogosyan, A.A. Manifestation of the activity of the integrative mechanisms of the brain in its bioelectrical activity 7417
Tsitsiklis, J.N. *see* Kulkarni, S.R. 4588
Tsitsopoulos, A.P. *see* Packer, M.J. 44559
Tsividis, Y. Comment on "A nonlinear CMOS analog cell for VLSI signal and information processing" 42090
Tsividis, Y. *see* Pipilos, S. 42048
Tso, M.M. *see* Adams, N. 23025
Tso, S.K., Tang, K.H., Zhang, H. Instantaneous current control for forced-commutated cycloconverter-fed induction motor drives 8797
Tso Cheng-Kuan *see* Cheng-Kuan Tso
Tso Tai-Ly *see* Tai-Ly Tso
Tsoi, A.C. *see* Kootsookos, P. 13049
Tsoi, C. *see* Downs, T. 4552
Tsoi Ah Chung *see* Ah Chung Tsoi
Tsong-Ho Wu, Kobrinski, H., Ghosal, D., Lakshman, T.V. The impact of SONET digital cross-connect system architecture on distributed restoration 37261
Tsong-Ho Wu, McDonald, J.C., Flanagan, T.P., Ken-Ichi Sato Integrity of public telecommunications networks 37259
Tsong-Ho Wu *see* Wasem, O.J. 37174
Tsopanoglou, A. *see* Fakotakis, N. 13126
Tsorng-Ming Chen A robust scheme for concurrent error diagnosis of MINs 4446
Tsorng-Ming Chen *see* Hao Jinchi 45125
Tsortanidis, M.C. *see* Lygouras, J.N. 46109
Tsotsos, J. *see* Jasiobedzki, P. 31295
Tsou, B.P.C. *see* Jaeger, N.A.F. 35436
Tsou, J.L. *see* Singh, G.P. 39698
Tsou, L.Y. Reactive ion etching of indium tin oxide with hydrogen bromide 10892
Tsoukalas, D., Tsamis, C., Stoemenos, J. Investigation of silicon interstitial reactions with insulating films using the silicon wafer bonding technique 10775
Tsoukalas, L.H. *see* Ikonomopoulos, A. 16530
Tsouli, M. *see* Wang, H. 2447
Tsoupas, N., Zucker, M.S. More uniform illumination of laterally extended targets by accelerator beams 31585
Tsu, R., Lin, D.-S., Greene, J.E., Chiang, T.-C. Ge segregation and surface roughening during Si growth on Ge(001)2×1 by gas-source molecular beam epitaxy from Si_2H_6 33660
Tsu, R., Xiao, H.Z., Kim, Y.-W., Hasan, M.-A., Birnbaum, H.K., Greene, J.E., Lin, D.-S., Chiang, T.-C. Surface segregation and growth-mode transitions during the initial stages of Si growth on Ge(001)2×1 by cyclic gas-source molecular beam epitaxy from Si_2H_6 18221
Tsu, R. *see* Nicollian, E.H. 2421
Tsu-Chi Lyie *see* Shih-Jen Wang 47673
Tsu-Jae King, Hack, M.G., I-Wei Wu Effective density-of-states distributions for accurate modeling of polycrystalline-silicon thin-film transistors 28157
Tsubakihara, M. *see* Shoji, M. 7121
Tsubakimoto, K., Nakatsuka, M., Miyanaga, N., Jitsuno, T., Kanabe, T., Nakano, H., Nakai, S. Evaluation of irradiation uniformity on spherical target using angularly dispersed, partially coherent light in direct drive laser fusion 35953
Tsubakimoto, K. *see* Nakatsuka, M. 35728
Tsubakimoto, K. *see* Nishi, N. 35931
Tsubakishita, Y. *see* Tahara, H. 44561
Tsubakiyama, H., Ohashi, M., Koga, K. A secure mutual-authentication and key distribution method and its implementation in an IC card system 29457
Tsubakiyama, H., Ohashi, M., Koga, K. A mutual-authentication and key distribution method 29458
Tsubata, M. *see* Saka, T. 23991
Tsubata, T., Kawabata, H., Shirao, Y., Hirata, M., Nagahara, T., Inagaki, Y. Quasi-periodicity route to chaos in Josephson transmission line 20206
Tsuboi, H., Tanaka, M., Misaki, T., Yatsuka, K., Kishi, K. Efficient electric field analysis by the surface charge simulation method superposing known field distribution 12524
Tsuboi, K., Hirotsuka, I., Ishikawa, E., Matsui, K. Method to calculate operating characteristics of induction AC servomotors 8366
Tsuboi, K. *see* Matsui, K. 24619
Tsuboi, N. *see* Minemura, H. 20271
Tsuboi, R. *see* Ikoma, M. 40423
Tsuboi, S., Suzuki, K. X-ray mask fabrication using advanced optical lithography 27993
Tsuboi, S. *see* Fujii, K. 28165
Tsuboi, T., Gu, H.E. Room-temperature-stable $LiF:F_3^+$ color-center laser with a two-mirror cavity 43773
Tsuboi, Y. *see* Inou, K. 11299
Tsuboike, M. Transportable Earth station aids news-gathering efforts through satellites 38269
Tsuboka, E., Nakahashi, J. Hidden Markov model embedded dynamic features of speech spectrum 44793
Tsuboka, E. *see* Takizawa, Y. 44794
Tsubokawa, H. *see* Fukumoto, M. 21855
Tsubomura, H., Kobayashi, H. Solar Cells 17398
Tsubono, K. *see* Mio, N. 11934
Tsubosaka, S. *see* Negishi, H. 6555
Tsuboshima, Y. *see* Takahashi, H. 26930
Tsubota, A. *see* Taguchi, A. 21664
Tsubota, M. *see* Okada, Y. 48234
Tsubota, S. *see* Kimura, S. 18617
Tsubouchi, K., Masu, K. Effects of hydrogen terminated substrate surface on succeeding selective deposition 34794
Tsubouchi, K., Nakase, H., Namba, A., Masu, K. Full duplex transmission operation of a 2.45-GHz asynchronous spread spectrum using a SAN convolver 14325
Tsubouchi, K. *see* Nakase, H. 5723
Tsubouchi, N. *see* Fujino, T. 27955
Tsubouchi, N. *see* Joachim, H.-O. 42919
Tsubouchi, N. *see* Kuroi, T. 42864
Tsuboyama, A., Hanyu, Y., Yashihara, S., Kanbe, J. Characteristics of the large size, high resolution FLCD 6698
Tsuboyama, T. *see* Fukunaga, C. 46852
Tsuboyama, T. *see* Saitoh, Y. 7254
Tsuboyama, T. *see* Saitoh, Y. 46854
Tsuboyama, T. *see* Tanaka, M. 46975
Tsuchiaki, M., Hara, H., Morimoto, T., Iwai, H. A new charge pumping method for determining the spatial distribution of hot-carrier-induced fixed charge in p-MOSFETs 11200
Tsuchida, A. Signal processor technique simplifies operations in TDK's humidity sensor 38455
Tsuchida, H., Ohta, S., Mizuno, Y., Tomobe, M. Dterm65 new digital terminals 14318
Tsuchida, H. *see* Hamada, S. 19310
Tsuchida, K., Ugawa, K., Ikejima, H., Mori, A., Yamamoto, K. The new 'Compact-4' elevator 40578
Tsuchida, K. *see* Nakata, H. 33076
Tsuchida, K. *see* Shoji, M. 7121
Tsuchida, S. *see* Nagasawa, S. 41901
Tsuchidate, H. *see* Awaji, N. 15371
Tsuchie, M., Miyamoto, T. Phenomenon of solution of copper in insulating oil 2732
Tsuchikawa, H. *see* Ohba, T. 2238
Tsuchimoto, H. *see* Yoshida, A. 41416
Tsuchimoto, M., Fukaya, A., Honma, T. An analysis of eddy current testing with sheet current 41543
Tsuchimoto, S. *see* Ohno, E. 42927
Tsuchinaga, H. *see* Maeda, T. 20424
Tsuchiya, E. *see* Ikeda, H. 23024
Tsuchiya, E. *see* Li, J. 23052
Tsuchiya, E. *see* Matsubara, Y.-I. 14666
Tsuchiya, H. *see* Goto, H. 9801
Tsuchiya, H. *see* Tanaka, Y. 13926
Tsuchiya, H. *see* Tanaka, Y. 30540
Tsuchiya, H. *see* Yasaka, H. 28997
Tsuchiya, H. *see* Yoshie, N. 37282
Tsuchiya, K., Matsuo, H., Iwata, A. 3D shape reconstruction from range data using active balloon model and symmetry restriction 22151
Tsuchiya, K., Matuzuka, T., Yamada, S., Sakuma, T., Inomata, N. Simulation of operating characteristics of a wind energy conversion system 25287
Tsuchiya, K. *see* Kawamoto, S. 23718
Tsuchiya, M. Fast equalization algorithm for the MUSE signal transmission line 44960
Tsuchiya, M. *see* Koshiba, S. 18209
Tsuchiya, M. *see* Liu, F.T. 19255
Tsuchiya, M. *see* Nakamura, Y. 41344
Tsuchiya, M. *see* Ohno, Y. 19914
Tsuchiya, M. *see* Ong, J.T. 12156
Tsuchiya, R. *see* Akagi, F. 43296
Tsuchiya, T., Shiraishi, T., Arata, J. Major factors affecting fiber-optic transmission system design for radio base stations 14512
Tsuchiya, T., Taniwatari, T., Uomi, K., Kawano, T., Ono, Y. In situ X-ray monitoring of metalorganic vapor phase epitaxy 9517
Tsuchiya, T. *see* Fujino, Y. 30343
Tsuchiya, T. *see* Nishikawa, O. 42380
Tsuchiya, T. *see* Oishi, A. 38123
Tsuchiya, T. *see* Uomi, K. 20775
Tsuchiya, T. *see* Yanagita, Y. 25913
Tsuchiya, Y. A robotic aluminium welding system 17631
Tsuchiya, Y., Sakakibara, T. A model for evaluating the reverse-power-flow energy of refuse-fired power generation in Japan 32635
Tsuda, H., Nonaka, K., Hirabayashi, K., Uenohara, H., Iwamura, H., Kurokawa, T. Wide range wavelength conversion experiments using a side-injection light-controlled bistable laser diode 12217
Tsuda, H. *see* Hirabayashi, K. 45947
Tsuda, H. *see* Nonaka, K. 37657
Tsuda, H. *see* Uenohara, H. 43863
Tsuda, H. *see* Wada, M. 46738
Tsuda, H. *see* Wada, M. 46823
Tsuda, H. *see* Yoshida, H. 31358

Tsuda, I., Kurokawa, K., Nozaki, K. Influence of I-V characteristics of PV cell on stand alone PV power systems 25275
Tsuda, M., Ishiyama, A. Characteristic of normal-zone propagation in NbTi/CuNi superconducting wires 24973
Tsuda, N. Defect- and fault-tolerant static RAM module designs based on parity checking and automatic testing 1226
Tsuda, N. Hierarchical redundancy for array-structure WSIs 28249
Tsuda, N. Integration scale increase of processor-arrays by using hierarchical redundancy 41740
Tsuda, N. Dual and fail-safe redundancy for mask-programmable logic arrays 41870
Tsuda, S., Shimizu, K., Matsumoto, G. Efficient application of coding technique for data compression of ECG 31930
Tsuda, S., Takahama, T., Hishikawa, Y., Tarui, H., Nishiwaki, H., Wakisaka, K., Nakano, S. a-Si technologies for high efficiency solar cells 33064
Tsuda, S. *see* Hishikawa, Y. 33057
Tsuda, S. *see* Isomura, M. 40463
Tsuda, S. *see* Kuriyama, H. 27467
Tsuda, S. *see* Maruyama, E. 33052
Tsuda, S. *see* Matsuyama, T. 9687
Tsuda, S. *see* Matsuyama, T. 40462
Tsuda, S. *see* Ninomiya, K. 8780
Tsuda, S. *see* Nishiwaki, H. 17385
Tsuda, S. *see* Terakawa, A. 17402
Tsuda, T., Hakogi, H., Misaizu, S. 2.4 Gbps $LiNbO_3$ optical transmitter module 45910
Tsuda, T. *see* Nakamura, T. 7613
Tsuda, T. *see* Yamamoto, M. 47256
Tsuda, Y. Nissan's FEV (Future Electric Vehicles) 40588
Tsudik, G. Policy enforcement in stub autonomous domains 14228
Tsudik, G. *see* Molva, R. 22550
Tsudik, G. *see* Molva, R. 45820
Tsudo, A., Yachida, A.M. Construction of an environment model with sequential stereo images 13488
Tsuei, C.C. *see* Siu-Wai Chan 9714
Tsuei Yui-Sheng *see* Yui-Sheng Tsuei
Tsugawa, T. *see* Sugio, Y. 12718
Tsuge, H. *see* Kikkawa, H. 14347
Tsuge, S. *see* Hishikawa, Y. 33057
Tsui, B.M.W., Xide Zhao Practical iterative reconstruction methods for quantitative cardiac SPECT image reconstruction 47070
Tsui, B.M.W. *see* Cao, Z. 39019
Tsui, B.M.W. *see* Cao, Z.J. 15749
Tsui, B.M.W. *see* Frey, E.C. 15743
Tsui, B.M.W. *see* Frey, E.C. 15756
Tsui, B.M.W. *see* Hasegawa, B.H. 15761
Tsui, B.M.W. *see* Wilson, D.W. 15757
Tsui, D.C. *see* Kuan, C.H. 15016
Tsui, D.C. *see* Kuan, C.H. 23636
Tsui, D.C. *see* Kurdak, C. 28198
Tsui, F. *see* Zhou, D. 17849
Tsui, F. *see* Zhou, D. 26547
Tsui, H.T. *see* Shi, J.Y. 13668
Tsui, K.H. Superradiant free-electron lasers in the high-gain strong pump regime 3687
Tsui, K.H., Zanon, R.A.D., Massone, C.A. Influence of the unstable glow discharge plasma state on the CW CO_2 laser output 3459
Tsui, T.S.D., Clarkson, T.G. Spread-spectrum communication techniques 30608
Tsui Hung Tat *see* Hung Tat Tsui
Tsuji, B. *see* Andreasen, L. 37652
Tsuji, E. *see* Ide, K. 8313
Tsuji, H., Akiba, M., Tada, E., Ando, T., Ando, T., Araki, M., Dairaku, M., Ebisu, H., Hanawa, H., Hiue, H., Hiyama, T., Hosono, F., Harada, J., Hotta, M., Isono, T., Iwamoto, S., Jinboh, R., Kakudate, S., Kato, T., Kawano, K., Kawasaki, T., Kanamori, N., Koizumi, K., Koizumi, N., Kondo, I., Kondo, M., Kohya, Y., Kunugi, T., Matsuzaki, Y., Miyake, A., Nabatame, M., Nakajima, H., Nakamura, K., Nakane, Y., Nishi, M., Obara, K., Ohmori, K., Ohmori, S., Ohmori, Y., Ohuchi, T., Ogawa, M., Ohara, Y., Okayama, J., Okuno, K., Oshikiri, M., Sasaki, T., Sasaki, T., Saidoh, M., Satoh, K., Seki, M., Seki, M., Seki, S., Shibanuma, K., Shimane, H., Shimizu, T., Sugimoto, M., Suzuki, S., Tajiri, F., Takahashi, T., Takahashi, Y., Tanaka, S., Terakado, T., Terakado, T., Tsukamoto, H., Yamamoto, K., Yoshida, K., Wadayama, Y., Yagyu, J., Yamamoto, K., Yasukawa, Y., Matsuda, S., Shimamoto, S. Progress in the tokamak basic device development for the construction of fusion experimental reactors 28422
Tsuji, H., Ishikawa, J., Gotoh, Y., Okada, Y. RF plasma sputter-type DC-mode heavy negative ion source 46824
Tsuji, H., Kawashima, M. Control system for distributed heating, ventilation, cooling and refrigeration 9002
Tsuji, H., Okada, Y., Gotoh, Y., Ishikawa, J. Development of RF plasma sputter type heavy negative ion source 15603
Tsuji, H., Sano, A. Optimal SVD-based determination of number of sinusoids 13260
Tsuji, H. *see* Gotoh, Y. 19292
Tsuji, H. *see* Kobayashi, I. 23063
Tsuji, H. *see* Koizumi, N. 20227
Tsuji, H. *see* Shoji, M. 7121
Tsuji, K., Yonezu, H., Shibao, K., Hosono, K., Pak, K. Adaptive device for synaptic connection with optical interconnections 1353
Tsuji, K. *see* Mitani, Y. 16808
Tsuji, K. *see* Mitani, Y. 24819
Tsuji, K. *see* Morii, T. 42950
Tsuji, K. *see* Uraoka, Y. 33324
Tsuji, M., Shigesawa, H. Scattering from three-dimensional hybrid bodies: calculations by means of multiple equivalent dipoles and experiments 4077
Tsuji, M., Shigesawa, H., Oliner, A.A. Simultaneous propagation of both bound and leaky dominant modes on conductor-backed coplanar strips 1396
Tsuji, M., Taniguchi, M., Shigesawa, H. The feature of the narrow-pulse transmission on conventional coplanar waveguides when power leakage is present 18950
Tsuji, M., Watanabe, I., Makita, K., Taguchi, K. InAlGaAs staircase avalanche photodiodes 20537
Tsuji, M., Watanabe, I., Makita, K., Taguchi, K. InAlGaAs staircase avalanche photodiodes grown by metal-organic vapor phase epitaxy 35577
Tsuji, M., Yamada, E., Izumi, K., Oyama, J. A flux observer based vector control of a controlled current source-fed induction motor 25429
Tsuji, M., Yamada, E., Yamada, K., Oyama, J. An analysis of the field acceleration method and of vector control of induction motors 16869
Tsuji, M. *see* Ishikawa, H. 5983
Tsuji, M. *see* Izumi, K. 9952
Tsuji, M. *see* Shigesawa, H. 12644
Tsuji, M. *see* Shigesawa, H. 19194
Tsuji, M. *see* Shigesawa, H. 27120
Tsuji, M. *see* Shigesawa, H. 27133
Tsuji, M. *see* Shimono, T. 2199
Tsuji, O. *see* Murawala, P.A. 34627
Tsuji, O. *see* Tani, Y. 27854
Tsuji, O. *see* Wood, P.C. 34863
Tsuji, S. *see* Barth, M.J. 22262
Tsuji, S. *see* Ghafouri-Shiraz, H. 28856
Tsuji, S. *see* Tamba, N. 34046
Tsuji, S. *see* Yan Guo 45209
Tsuji, T., Ichinobe, H., Ito, K., Nagamachi, M. Discrimination of forearm motions from EMG signals by error back propagation typed neural network using entropy 15870
Tsuji, T. *see* Ito, K. 7478
Tsuji, T. *see* Terauchi, M. 13723
Tsuji, T. *see* Yamauchi, H. 26918
Tsuji, T. *see* Yamauchi, H. 26951
Tsuji, T. *see* Yoshimoto, M. 761
Tsuji, Y., Hayata, K., Koshiba, M. Complex eigenstates of an electron in quantum box structures in the presence of an external electric field 1899
Tsujide, T. LSI failure analysis technology trend and its development plan 43060
Tsujide, T., Hamada, H., Lepejian, D., Caywood, J.M. Automatic memory failure analysis using an expert system in conjunction with a memory tester/analyzer 34076
Tsujihashi, Y., Matsumoto, H., Hishimaki, H., Miyanishi, A., Nakao, H., Kitada, O., Iwade, S., Kayano, S., Sakao, M. A high-density data-path generator with stretchable cells 41853
Tsujii, S. *see* Cardona, M. 13907
Tsujii, S. *see* Fukumoto, M. 21855
Tsujii, S. *see* Fukumoto, M. 36747
Tsujii, S. *see* Kurosawa, K. 29487
Tsujii, S. *see* Muneyasu, M. 29893
Tsujii, S. *see* Ogata, W. 21557
Tsujii, S. *see* Park, C. 37754
Tsujii, S. *see* Satoh, T. 12815
Tsujikawa, K., Ohashi, M., Shiraki, K., Tateda, M. Scattering property of F and GeO_2 codoped silica glasses 35303
Tsujimoto, K., Hirai, T., Kanda, A. Super high-density, low-power consumption bipolar process 'S-LOPAC' 35063
Tsujimoto, K. *see* Tanimoto, M. 34088
Tsujimura, A., Yoshii, S., Hayashi, S., Ohkawa, K., Mitsuyu, T. Cavity parameters of ZnCdSe/ZnSe single-quantum-well separate-confinement-heterostructure laser diodes 12230
Tsujimura, A., Yoshii, S., Hayashi, S., Ohkawa, K., Mitsuyu, T. Fabrication and characterization of ZnSe-based blue/green laser diodes 35830
Tsujimura, A. *see* Hashimoto, O. 36207
Tsujimura, A. *see* Yoshii, S. 12231
Tsujimura, K. *see* Inoue, Y. 42779
Tsujimura, T. *see* Aoshima, S. 28321
Tsujino, H. *see* Matsuura, T. 34468
Tsujino, J., Takeuchi, M., Koshisako, H. Ultrasonic rotary motor using a longitudinal-torsional vibration converter 16902
Tsujino, J., Ueoka, T., Sato, H., Takiguchi, K., Takahashi, K. Characteristics of ultrasonic bending of metal plates using a longitudinal vibration die and punch 17633
Tsujino, J., Ueoka, T., Watanabe, I., Ogawa, M., Hirasawa, M. Ultrasonic butt welding of large metal plates shifting welding tip driving position at regular spaces along the specimens 16088
Tsujita, K. *see* Yamaguchi, A. 27972
Tsuk, M.J. *see* Kamon, M. 26612
Tsuka, M. *see* Kawakami, Y. 26451
Tsukada, E. *see* Okumura, T. 45544
Tsukada, K., Ikeda, H., Kamae, T., Takahashi, T., Murakami, H. Peak hold monolithic integrated circuit with built-in shaping amplifier for hard X-ray detector 24090
Tsukada, K., Kawai, J., Kado, H. Improvement of thermal stability and critical current of superconducting Nb multi-layer wiring 20220
Tsukada, K., Komuro, T., Higuchi, M., Adachi, A., Kado, H. A hybrid SQUID gradiometer with 3-dimensional thin-film pick-up coils fabricated using an excimer laser 46364
Tsukada, M. *see* Ohta, Y. 30130
Tsukada, N. *see* Tokuda, Y. 11682
Tsukada, N. *see* Tokuda, Y. 43630
Tsukada, T. Development of aluminum gate thin-film transistors based on aluminum oxide insulators 11225
Tsukada, T. Amorphous silicon thin-film transistors 34989
Tsukada, T., Higuchi, K., Ozeki, O., Yamamoto, S. Three-dimensional vision sensor for inspection of painted automotive body dimensions 46497
Tsukada, T., Mashiro, S., Mashimo, K. Electrode temperature effect in narrow-gap reactive ion etching 10887
Tsukada, T., Nogami, H., Hayashi, J., Kawaguchi, K., Hara, T. Physical damage in silicon formed by helicon wave plasma etching 10945
Tsukada, T., Ozeki, O., Yamamoto, S. Volume measurement of machine parts by 3D vision sensor 45113
Tsukada, T. *see* Cho, N. 38707
Tsukada, Y., Maeda, Y., Yamanaka, K. A novel solution for MCM-L utilizing surface laminar circuit and flip-chip attach technology 348
Tsukada, Y., Mashimoto, Y., Watanuki, N. The design and reliability of flip chip attach joint on surface laminar circuit 19276
Tsukada, Y., Yamanaka, K. Design and electrical performance of surface laminar circuit/flip chip attach packaging technology 9289
Tsukagoshi, I. *see* Matsuoka, H. 382
Tsukahara, H., Nakashima, M., Sugawara, T. Automated visual inspection system for bonded IC wires 1762
Tsukahara, T. *see* Masuda, S. 4006
Tsukahara, Y. *see* Nakajima, K. 14772
Tsukamoto, H. *see* Koizumi, N. 20227
Tsukamoto, H. *see* Oguchi, K. 46653
Tsukamoto, H. *see* Tsuji, H. 28422
Tsukamoto, K., Hara, S., Morinaga, N. Indoor wireless communication technologies 37460
Tsukamoto, K., Morinaga, N. A consideration on optimum weak optical signal receiver for intensity modulation/direct detection optical communication systems 14646
Tsukamoto, K., Morinaga, N. Heterodyne optical detection/spatial tracking system pattern matching between signal and local lights 14650
Tsukamoto, K. *see* Higashi, K. 27387
Tsukamoto, K. *see* Kuroi, T. 42864
Tsukamoto, K. *see* Miyata, T. 10233
Tsukamoto, K. *see* Miyazaki, J. 2357
Tsukamoto, K. *see* Mori, F. 26184
Tsukamoto, K. *see* Takeda, S. 14649
Tsukamoto, K. *see* Tanizawa, M. 28132
Tsukamoto, K. *see* Yamaguchi, A. 27972
Tsukamoto, K. *see* Yamashita, N. 33875
Tsukamoto, M. *see* Itagaki, M. 17862
Tsukamoto, O., Chen, J., Morimoto, A., Akita, S. Stabilization of a fully superconducting, damperless generator by excitation control 16779
Tsukamoto, O. *see* Chen, J. 20156
Tsukamoto, O. *see* Torii, S. 24974
Tsukamoto, R. *see* Oyama, J. 17017
Tsukamoto, R. *see* Oyama, J. 25537
Tsukamoto, S. *see* Arakawa, T. 9750
Tsukamoto, S. *see* Kono, T. 42414
Tsukamoto, T. Automatic system for creeping test 23772
Tsukamoto, Y. *see* Fujii, S. 15765
Tsukao, S. *see* Tamura, Y. 16180
Tsukasaki, Y. *see* Okuno, A. 383
Tsukerman, I. Fast finite element solvers for problems with magnetic materials 43245
Tsukerman, I.A. Node and edge element approximation of discontinuous fields and potentials 44208
Tsukihashi, A. *see* Nishida, H. 6263
Tsukiji, N. *see* Kasukawa, A. 35881
Tsukiji, N. *see* Kasukawa, A. 35896
Tsukimoto, H., Tanimoto, I. Control software production technology—feedback control 45545
Tsukiori, Y. *see* Oguchi, K. 47959
Tsukishima, C., Nakata, S. Development of a pulse magnet of a superconducting storage ring and degradation of the pulse magnetic field by the vacuum chamber 23970
Tsukishima, C. *see* Nakata, S. 15352
Tsukishima, T. *see* Maya, Y. 37464
Tsukiyama, H., Fujioka, T. Flow pattern simulation of chemical oxygen iodine laser 11985
Tsukuda, M. *see* De Zhong, W. 45731
Tsukude, M., Arimoto, K., Asakura, M., Hidaka, H., Fujishima, K. A smart design methodology

with distributed extra gate-arrays for advanced ULSI memories 18728
Tsukude, M., Arimoto, K., Hidaka, H., Konishi, Y., Hayashikoshi, M., Suma, K., Fujishima, K. A test technique for ULSI memory with on-chip voltage down converter 1229
Tsukude, M. *see* Arimoto, K. 18715
Tsukude, M. *see* Ooishi, T. 18729
Tsukui, T., Oda, S. Proposal of trench-oxide metal-oxide-semiconductor structure and computer simulation of silicon quantum-wire characteristics 27602
Tsukumo, J. *see* Tanaka, N. 29796
Tsukushi, M. *see* Sato, T. 40375
Tsukutani, T., Ishida, M., Fukui, Y. Cancellation technique of parasitics in active filter design 1306
Tsumenaga, M. *see* Hatano, M. 16294
Tsumori, K. *see* Ando, A. 38832
Tsumori, T. *see* Ogawa, T. 2328
Tsumura, A. *see* Fuchigami, H. 2531
Tsumura, M. *see* Takabatake, M. 11203
Tsun Wu Tai *see* Tai Tsun Wu
Tsunaki, H. *see* Takamatsu, H. 10874
Tsunashima, S. *see* Sumi, S. 11478
Tsunashima, Y. *see* Okada, T.K. 18237
Tsunawaki, Y. *see* Asakawa, M. 3695
Tsunawaki, Y. *see* Asakawa, M. 43691
Tsunawaki, Y. *see* Asakawa, M. 43965
Tsuneda, A. *see* Kohda, T. 4405
Tsunehiro, T. Flash memory devices and applications 10151
Tsunehiro, Y. *see* Nagamatsu, K. 16299
Tsunehiro, Y. *see* Yamamura, N. 17421
Tsuneizumi, M. *see* Oda, M. 874
Tsuneizumi, T. *see* Iwata, A. 16262
Tsunemi, H., Hayashida, K., Torii, K., Tamura, K., Miyata, E., Murakami, H., Ueno, S. Nonlinearity at the K-absorption-edge in the Xe-filled gas proportional counter 7234
Tsunemi, H., Nomoto, S., Hayashida, K., Miyata, E., Murakami, H., Kato, Y., Yuan, G., Murai, K., Kodama, R., Daido, H. Application of a newly developed CCD for spectral-width measurements of a 53 eV germanium laser 11939
Tsunemi, H. *see* Kunieda, H. 15683
Tsunetomo, K., Ohtsuka, S., Koyama, T., Tanaka, S. Fabrication of glass-capsuled CdTe microcrystals using laser evaporation and plasma chemical vapour deposition method 33580
Tsuneyasu, I. *see* Nishijima, K. 2707
Tsung, F.-S. *see* Cotrrell, G.W. 21860
Tsung-Cheng Chen *see* Ching-Tsai Pan 17078
Tsung-Jen Lee *see* Chang-Shu Lee 19155
Tsung-Shiew Huang *see* Fann-Mei Yang 2235
Tsung-Ying Lee, Nanming Chen Optimal capacity of the battery energy storage system in a power system 32222
Tsuno, M. *see* Miyake, K. 43682
Tsuno, T., Tomikawa, T., Shikata, S., Fujimori, N. Diamond homoepitaxial growth on (111) substrate investigated by scanning tunneling microscope 33642
Tsuno, T., Tomikawa, T., Shikata, S., Imai, T., Fujimori, N. Diamond(001) single-domain 2×1 surface grown by chemical vapor deposition 26407
Tsunoda, A. *see* Seto, H. 17352
Tsunoda, A. *see* Yoshida, T. 17281
Tsunoda, H. *see* Nadahara, S. 2009
Tsunoda, K., Harada, N., Kabashima, S. Fluid dynamical studies on the performance of disk MHD generators 25828
Tsunoda, K. *see* Harada, N. 25358
Tsunoda, K. *see* Suekane, T. 8782
Tsunoda, R.T., Fukao, S., Yamamoto, M. On the origin of quasi-periodic radar backscatter from midlatitude sporadic E 47257
Tsunoda, R.T. *see* Yamamoto, M. 47256
Tsunoda, T. *see* Ishido, K. 10564
Tsunoda, T. *see* Murakami, K. 32929
Tsunoda, Y. *see* Minemura, H. 20271
Tsunoi, K. *see* Kusagaya, T. 1764
Tsunoi, R., Ohnishi, K. Development of Hi-Vision electronic field pickup system 38294
Tsunokuni, K. *see* Nojiri, K. 2126
Tsunooka, M. *see* Uchara, K. 2431
Tsuo, Y.S., Heben, M.J., Wu, X., Xiao, Y., Moore, C.A., Verlinden, P., Deb, S.K. Photovoltaic device applications of porous silicon 17399
Tsurimoto, T. *see* Nagao, M. 35169
Tsuru, S. *see* Kato, K. 11690
Tsuru, S. *see* Kato, K. 11691
Tsuru, T., Nagasawa, Y., Ishii, Y. Approach to the material recycle of consumer products 48484
Tsuruda, J.S. *see* Hayes, C.E. 47063
Tsurugai, T. *see* Behrens, U. 31736
Tsurumi, K., Suetsugu, K., Ishimoto, K., Nakamura, Y. Super fresh surface mounting technology 27366
Tsurumi, T. *see* Kim, J.H. 41436
Tsurumoto, K. *see* Kikuchi, S. 43337
Tsuruoka, T. *see* Kakinuma, H. 796
Tsuruoka, T. *see* Kakinuma, H. 42931
Tsuruoka, Y. *see* Koyama, K. 12933
Tsurusawa, M. *see* Horita, M. 12168
Tsurushima, T. *see* Sadoh, T. 42675
Tsuruta, S. *see* Ogimoto, K. 16170
Tsuruta, T. *see* Yoshiike, N. 6511
Tsusaka, Y. *see* Kunieda, H. 15683
Tsushi, A. *see* Yoneda, M. 3354
Tsushima, H. *see* Kitajima, S. 38007
Tsutae, H. *see* Asano, T. 42949
Tsutaki, K. *see* Takeuchi, Y. 19312
Tsutsu, H., Edwards, W.J., Ast, D.G., Kamins, T.I. Oxidation of polycrystalline-SiGe alloys 19601
Tsutsu, H., Koseki, H. A novel tapered etching technology of Al-2%Si alloy 27804
Tsutsui, E. *see* Narita, K. 45519
Tsutsui, K., Hu, E.L., Wilkinson, C.D.W. Reactive ion etched II-VI quantum dots: dependence of etched profile on pattern geometry 27698
Tsutsui, K. *see* Kawasaki, K. 41319
Tsutsui, K. *see* Sakakibara, I. 22694
Tsutsui, K. *see* Sotomayor Torres, C.M. 42487
Tsutsui, K. *see* Yamamoto, T. 42952
Tsutsui, K.I., Hu, E.L., Wilkinson, C.D.W. Controlling the profile of nanostructures 27740
Tsutsui, T. Polymer materials for third-order nonlinear-optical devices 28965
Tsutsui, T., Aminaka, E., Hamada, Y., Adachi, C., Saito, S. Significance of multilayer structures in organic thin-film electroluminescent devices 35589
Tsutsui, T. *see* Saito, S. 38616
Tsutsui, T. *see* Takada, N. 11855
Tsutsui, T. *see* Takada, N. 11859
Tsutsui, Y. *see* Yoshikawa, T. 34173
Tsutsumi, F. *see* Sakai, T. 17311
Tsutsumi, K. *see* Hirai, H. 22150
Tsutsumi, K. *see* Yamasaki, H. 25824
Tsutsumi, M. *see* Masuda, S. 4006
Tsutsumi, M. *see* Okubo, K. 20165
Tsutsumi, M. *see* Yukawa, T. 20141
Tsutsumi, Y., Isizuka, T., Ono, K., Takeuchi, M. Unstable phenomena on initial performance of phosphoric acid fuel cell cathode 25674
Tsutsumi, Y., Yamaguchi, M. Steam share between exhausted air and exhausted fuel from phosphoric acid fuel cells 25664
Tsutsumi, Y., Yonekura, T., Kikuchi, T. Cluster pulse criteria for recognition of partial discharge 2697
Tsutsumi, Y. *see* Yonekura, T. 16378
Tsuya, H. *see* Zhong, L. 1825
Tsuyoshi Mihara *see* Gyu Chang Lee 26534
Tszuki, F. *see* Hietanen, J. 16068
Tszuki, F. *see* Hietanen, J. 24533
Tszuki, K. *see* Yoda, M. 47286
Tszuki, N. *see* Kanazawa, M. 15457
Tszuki, S. *see* Mori, H. 24610
Tszuki, S. *see* Mori, H. 24737
Tszuki, S. *see* Tazaki, S. 29454
Tszuki, S. *see* Tazaki, S. 29455
Tszuki, S. *see* Tazaki, S. 29456
Tszuki, Y. *see* Toki, M. 18519
Tszukiyama, K. *see* Sato, K. 11475
Tszuku, A., Fukuchi, H., Ohkawa, M., Ohuchi, C., Morikawa, H. Advanced satellite broadcasting experiment using Japan's R&D satellite COMETS 22982
Tszuku, A., Fukuchi, H., Shoki, H., Orikasa, T., Ohuchi, C. Satellite borne multibeam antenna for 21 GHz band regional satellite broadcasting 29314
Tszuku, A., Ishikawa, Y. Study of the efficient usage of the TV frequency band 46184
Tszurabara, H. *see* Haneda, R. 37612
Tsvetkov, A.D., Potapova, N.I. 'Spekforms'—sintered components for shaping laser radiation wavefronts 44040
Tsvetkov, A.V. *see* Mironov, S.A. 15057
Tsvetkov, L.I., Pozdnyakov, M.M. A broadband ribbed horn for the Cassegrain antenna of the Crimean Astrophysical Observatory RT-22 radiotelescope 46153
Tsvetkov, O.I. Estimation of proximity of number sequences through comparison of their rank kernels 13501
Tsvetkov, V.B. *see* Antipenko, B.M. 35747
Tsvetkova, S.I. *see* Danilov, V.V. 43556
Tsvetkova, T., Tzenov, N., Tzolov, M., Dimova-Malinovska, D., Adriaenssens, G., Pattyn, H., Lauwerens, W. Optical contrast formation in a-$Si_{1-x}C_x$:H films by ion implantation 27661
Tsvetkova, V.S. *see* Petrov, V.A. 29123
Tsvetov, E.R. *see* Matevosov, G.A. 12414
Tsvirko, Yu.A. *see* Belousov, N.P. 10434
Tsybakov, B.S. On a random process in multiple access problems 30194
Tsybakov, B.S. *see* Vvedenskaya, N.D. 45850
Tsybin, I.A. *see* Dubrovskaya, T.S. 15081
Tsybulevskii, F.I. On the transformation of the equivalent circuit of an induction motor and the finding of its parameters from experimental data 8396
Tsyganov, A.V. *see* Gusev, A.V. 2737
Tsyganov, E., Dugan, G., Lopez, G., Meinke, R., Nexson, W., Talman, R. A proposed SSC damper system 46801
Tsyguley, N.I. Transient processes in electrical circuits with nonlinear capacitors 10531
Tsyguley, N.I. Calculation of transients in circuits with ferromagnetic cores using minor magnetisation cycling 16923
Tsyguley, N.I. *see* Kuzhekov, S.L. 16922
Tsymbal, L.I. *see* Voron'ko, Yu.K. 28786
Tsymbal, V.N. *see* Kalmykov, A.I. 6124
Tsymbal, V.N. *see* Kalmykov, A.I. 16010
Tsymbarenko, B.K. *see* Brainin, E.I. 41511
Tsypkin, Ya.Z. *see* Kerbelev, A.M. 11726
Tsyrlina, S.I. *see* Korzunin, G.S. 41527
Tsyupa, Yu.P. *see* Batalov, A.A. 46920
Tszin-Lyan Khe *see* Khe Tszin-Lyan
Tu, C. *see* Botez, D. 11643
Tu, C. *see* Jansen, M. 20847
Tu, C. *see* Mawst, L.J. 20823
Tu, C. *see* Zmudzinski, C. 20821
Tu, C.A. *see* Mawst, L.J. 12182
Tu, C.T. *see* Bowler, D.P. 20937
Tu, C.W. *see* Asbeck, P.M. 11152
Tu, C.W. *see* Chin, T.P. 9539
Tu, C.W. *see* Chin, T.P. 41361
Tu, C.W. *see* Dreszer, P. 42409
Tu, C.W. *see* Hou, H.Q. 3189
Tu, C.W. *see* Liang, B.W. 748
Tu, C.W., Houghton, D.C., Tung, R.T. *(editors)* Semiconductor Heterostructures for Photonic and Electronic Applications Symposium 9103
Tu, F.-K. *see* Laih, C.-S. 29439
Tu, H.-Y. *see* Frederickson, G.N. 2620
Tu, H.-Y.T. *see* Hambrusch, S.E. 41558
Tu, K.-Y., Tamir, T. Full-wave multiple-scattering analysis of diffraction by superposed gratings 29163
Tu, K.-Y. *see* Tamir, T. 12584
Tu, K.N. *see* Liou, H.-K. 1945
Tu, P., Hiroi, T. 3D hand model generation from a 2D image based on connected deformable solids 13729
Tu, R., Jian-Hui Huang, Ping Ko, Chenming Hu MOSFET saturation voltage 42983
Tu, R. *see* Quader, K.N. 34956
Tu, R.H., Rosenbaum, E., Chan, W.Y., Li, C.C., Minami, E., Quader, K., Ko, P.K., Hu, C. Berkeley reliability tools—BERT 17956
Tu, X.-L. *see* Masuda, S. 4006
Tu, X.-L. *see* Masuda, S. 4007
Tu, X.-W., Dubuisson, B. CCD camera model and its physical characteristics consideration in calibration task the robotics 6566
Tu, Y.-K. *see* Chyi, J.-I. 38509
Tu, Y.-K. *see* Ho, W.-J. 28614
Tu Chan *see* Chan Tu
Tu Chaoyang *see* Chaoyang Tu
Tu Chungming *see* Chungming Tu
Tu Dawei, Zhuo Yongmo, Lu Zukang Supersmooth surface profile online testing 6796
Tu Demin, Wang Xinsheng, Kan Lin, Liu Dong Effect of charge trapping on electric treeing in polyethylene 11343
Tu Demin, Wang Xinshen, Liu Xuezhong, Yu Bingli, Zhang Shoubin, Zhang Zonglin, Teng Weijun, Tang Kaizong, Yin Zhongyang, Gao Baojuan Development of 110 kV power XLPE cable with charge emission shield 16335
Tu Demin *see* Wang Xinsheng 11342
Tu Demin *see* Zhu Yougchang 15192
Tu Xiang-Zheng *see* Xiang-Zheng Tu
Tu Yan *see* Tong Linsu 34485
Tu Yuan-Kuang *see* Yuan-Kuang Tu
Tu Zhongsui *see* Zhongsui Tu
Tu-Qiang Xie *see* Xie Tu-Qiang
Tuan Le *see* Le Tuan
Tuan-Kay Lim Optical array detectors for image sensors calibration 46507
Tubbing, G.H. *see* de Jager, W.A.G. 8579
Tubouchi, N. *see* Akiyama, A. 46503
Tubouchi, N. *see* Seto, T. 31283
Tubtiang, A., George, F., Hyeog-In Kwon Administering network behaviour through assessment of performance indicators 14050
Tucciarone, A. *see* Messina, G. 11100
Tucciarone, A. *see* Messina, G. 27807
Tucciarone, A. *see* Messina, G. 28052
Tuccillo, R. *see* Bozza, F. 47776
Tuch, B. Development of WaveLAN, an ISM band wireless LAN 22602
Tuchin, V.V. Lasers and fiber optics in biomedicine. I 15894
Tuchin, V.V. Lasers and fiber optics in biomedicine. II 15896
Tuchkin, Y.A. *see* Poyedinchuk, A.Ye. 4052
Tuchkov, A.M. *see* Blinov, Yu.A. 25182
Tuck, B., Moulton, R. Using X.400 for document delivery 14108
Tuck, B. *see* Ait-Sadi, R. 28840
Tuck, C.D.S., Bessette, R.R. A high capacity aluminum-silver oxide battery 17165
Tuck, E.F., Patterson, D.P., Stuart, J.R., Lawrence, M.H. The Calling network: a global telephone utility 30336
Tuck, E.F., Patterson, D.P., Stuart, J.R., Lawrence, M.H. The Calling^{SM} network: a global wireless communication system 45483
Tucker, B. *see* Adams, J.W. 27082
Tucker, D.M. Spatial sampling of head electrical fields: the geodesic sensor net 15848
Tucker, G.S., Peterson, J.B., Netterfield, C.B., Griffith, E.L., Griffin, G.S. Cryogenic bolometric radiometer and telescope 38198
Tucker, J.R. *see* Lyding, J.W. 42730
Tucker, R.S. *see* Ahmed, Z. 12157
Tucker, R.S. *see* Ahmed, Z. 35832
Tucker, R.S. *see* Ahmed, Z. 35851
Tucker, R.S. *see* Cai, Y. 38052
Tucker, R.S. *see* Dickson, A.M. 35399

Tucker, R.S. *see* Koay, G.L. 38022
Tucker, R.S. *see* Lowery, A.J. 20872
Tucker, R.S. *see* Spring, J. 38053
Tucker, R.S. *see* Summerfield, M.A. 35825
Tucker, R.S. *see* Summerfield, M.A. 37975
Tuckerman, D. *see* Randall, B. 391
Tuckmantel, J. Review of experience with superconducting cavities 6987
Tuckmantel, J. *see* Arnaud, C. 15506
Tudor, P.N. *see* Wells, N.D. 31028
Tudoric-Ghemo, J. *see* Godinovic, N. 46710
Tudruj, M., Kalinowski, T. Multi-transputer systems with dynamic link connection switching controlled through a serial bus 37491
Tuema, F.A. *see* MacGregor, S.J. 48008
Tuema, F.A. *see* Turnbull, S.M. 17106
Tufekcic, Z. *see* Abdelrazik, M.B.E. 18596
Tufts, D.W., Hongya Ge, Umesh, S. Fast maximum likelihood estimation of signal parameters using the shape of the compressed likelihood function 44878
Tufts, D.W. *see* Kirsteins, I.P. 29721
Tufts, D.W. *see* Kot, A.C. 21720
Tugnait, J.K. Linear model validation and order selection using higher-order statistics 4710
Tugnait, J.K. Texture synthesis using asymmetric 2-D noncausal AR models 5033
Tugnait, J.K. Estimation of linear parametric models using inverse filter criteria and higher order statistics 21726
Tugnait, J.K. Two-channel tests for common non-Gaussian signal detection 21789
Tugnait, J.K. Blind deconvolution based criteria for parameter estimation with noisy data 29407
Tugnait, J.K. Blind equalization and estimation of digital communication FIR channels using cumulant matching 29679
Tugnait, J.K. Detection of non-Gaussian signals using integrated polyspectrum 36733
Tuhus, T., Bjorneklett, A. Thermal cycling reliability of die bonding adhesives 33399
Tuhus, T. *see* Bjorneklett, A. 40976
Tuinhout, A. *see* Webster, M.N. 27257
Tuinman, E. *see* Belmans, R. 16860
Tuisel, U. *see* Kammeyer, K.D. 14519
Tuisk, A. *see* Sarv, V. 16979
Tuji, H. *see* Umeda, T. 25047
Tukamoto, H. *see* Terasaki, M. 48068
Tukhanin, S.A. *see* Bes'chastnov, P.M. 46433
Tukkiniemi, K. *see* Karioja, P. 33363
Tulac, S. *see* Ilakovac, T. 37444
Tulaikova, T.V. *see* Lukishova, S.G. 44031
Tulenko, J.S. *see* Jones, S.L. 25150
Tulenko, J.S. *see* Mandal, S. 19879
Tulenko, J.S. *see* Sias, F.R., Jr. 18807
Tuley, M. *see* Nathanson, F. 23175
Tulinsteff, A., Crist, R., Densmore, A., Sukamto, L. An active K/K_a-band antenna array for the NASA ACTS mobile terminal 36419
Tulkoff, C. *see* Gutierrez, S. 34427
Tuller, H.L. *see* Kramer, S. 17337
Tuller, H.L. *see* Mlcak, R. 27766
Tuller, H.L. *see* Solorzano, I.G. 10675
Tullin, C.J., Sarofim, A.F., Beer, J.M. Formation of NO and N_2O in coal combustion: the relative importance of volatile and char nitrogen 32663
Tulubensky, A.V. Vacuum distribution calculations in vacuum systems of any complexity 19287
Tulupov, A.V., van der Wiel, M.J., Urbanus, W.H., Caplan, M. Simulations of the performance of the FEM oscillator for fusion at 130-250 GHz 43700
Tulupov, A.V. *see* Eecen, P.J. 43701
Tulupov, M.V. *see* Gordeev, E.M. 32421
Tuma, E. *see* Blazquez, C.M. 1005
Tuma, J. Current state and development trends in power engineering 32540
Tuma, M.L. *see* Beheim, G. 6540
Tumageanian, A., Keyhani, A. Synchronous machine parameter estimation from standstill flux decay data 25410
Tumanian, A.R. *see* Babaian, A.Z. 15398
Tumanov, K.D. *see* Efremov, A.A. 15586
Tumanov, K.D. *see* Efromov, A.A. 15577
Tumanskaya, A.Ye. *see* Aleksandrov, N.L. 4328
Tumati, P.R. *see* DeVito, M.S. 8128
Tumbaelaka, B.Y. *see* Jenie, I.Y.S. 9440
Tuminaro, R.S., Womble, D.E. Analysis of the multigrid FMV cycle on large-scale parallel machines 604
Tuminaro, R.S. *see* Shadid, J.N. 41149
Tummala, R. *see* Perfecto, E. 9307
Tummala, R.R. Multichip packaging in IBM—past, present and future 302
Tummala, R.R., Haley, M.R., Czornyj, G. Materials in microelectronics 9290
Tummavuori, J. *see* Vilhunen, J.K. 25639
Tummavuori, J. *see* Vilhunen, J.K. 25655
Tumolillo, T.A., Jr., Ashley, P.R. Fabrication and design considerations for multilevel active polymeric devices 43543
Tun Chun Nie, Hilton, R.D. Outsourcing service and information technology analysis. Part 2 13948
Tun-Ruey Chrang *see* Shyh-Jong Chung 21351
Tun-Wen Pai, Hansen, J.H.L. Boundary-constrained morphological skeleton minimization and skeleton reconstruction 37001
Tunaley, J.K.E. *see* Rey, M. 32116
Tunay, I., Kaynak, O. A provident approach for variable structure control [for electric motors] 16790
Tunbridge, T. Remote metering moves closer 32511
Tunbridge, T. Wind of change 47815
Tuncay, R.N., Kaypmaz, A., Yilmaz, C.M., Brown, P.J. The theoretical and experimental study of AC harmonics of twelve-pulse railway rectifiers 17527
Tuncay Birand, M. *see* Hayirlioglu, L. 21412
Tuncel, E. *see* Houdre, R. 33640
Tuncel, E. *see* McKinley, J.T. 44082
Tuncer, E., Neikirk, D.P. Efficient calculation of surface impedance for rectangular conductors 21290
Tuncer, T.E., Sandri, G.V.H. Butterworth wavelets and adaptive echo cancellation 13374
Tuncer, T.E., Sandri, G.V.H. Orthonormal wavelet representation using Butterworth filters 36666
Tuncheva, V. *see* Baleva, M. 33701
Tung, R.T. *see* Tu, C.W. *(editor)* 9103
Tung-Feng Yeh *see* Chen-Chy Lin 11088
Tung-Ho Shieh, Chung-Cheng Wu, Si-Chen Lee Observation of *X*-band electron quantum interference and transport through virtual states in $Al_xGa_{1-x}As/AlAs$ heterostructures 10719
Tung-Ho Shieh, Si-Chen Lee Resonant tunneling of *X*-band electrons from AlAs through GaAs/AlAs/GaAs double barrier structure 2418
Tung-Ho Shieh, Si-Chen Lee Transport mechanism of X band electrons in AlAs electrode through GaAs/AlAs/GaAs structure by varying GaAs well thickness 19335
Tung-Sheng Chen *see* Yuh-Ping Tong 3827
Tunheim, A. *see* Faremo, H. 16363
Tunik, A.A., Kharlashkin, I.A. A formalistic method for the performance evaluation of communication networks of distributed computing systems 5536
Tunitskaya, I.V. *see* Milvidskaya, A.G. 27485
Tunnermann, A. *see* Freitag, I. 12277
Tunnicliffe, M.J., Dwyer, V.M., Campbell, D.S. Latent damage and parametric drift in electrostatically damaged MOS transistors 28166
Tunold, R. *see* Norby, T. 17357
Tunou, K. *see* Ogawa, Y. 48147
Tuohy, A.P. *see* Skitmore, R.M. 40862
Tuohy, S.T., Bardis, L. Low-degree approximation of high-degree B-spline surfaces 33531
Tuomaala, P. New building air flow simulation model: theoretical basis 48481
Tuomi, T. *see* Prieur, E. 644
Tuomi, T.O. *see* Hjelt, K.T. 9589
Tuomisto, H. *see* Sonnenburg, H.G. 16596
Tuovinen, H. *see* Kamshilin, A.A. 12375
Tuovinen, J. Method for testing reflector antennas at THz frequencies 29352
Tuozzi, A. *see* Adinolfi, M. 37966
Tupa, D. *see* Swenson, D.R. 31639
Tupa, D. *see* York, R.L. 31638
Tuphorn, H. Valve-regulated lead/acid batteries: systems, properties and applications 17227
Tuppa, W. *see* Fasching, F. 26623
Tupta, M.A. Making meaningful low DC voltage measurements 15246
Tupuri, R.S. *see* Svejda, F.J. 18694
Tur, M. *see* Ghera, U. 28790
Tur, M. *see* Mesh, M. 28958
Tur, M. *see* Oznovich, I. 29889
Turala, H. *see* Blocki, J. 46892
Turala, M. *see* Adam, W. 7259
Turala, M. *see* Adam, W. 31715
Turala, M. *see* Adam, W. 46929
Turan, O.F., Semercigil, S.E., Chukkapalli, G. Effect of structural vibrations on hot-wire probe response 23936
Turanli, N., Coker, D. On some types of fuzzy connectedness in fuzzy topological spaces 9411
Turban, K.A. *see* Apfelbeck, J. 22912
Turchanikov, V.I. *see* Tkachev, Yu.D. 10771
Turchanovich, L.K. *see* Buzulutskov, F. 24056
Turchetta, R. *see* Benvenuti, A. 7252
Turchetta, R. *see* Huhtinen, M. 7183
Turchetti, C., Conti, M. A general approach to nonlinear synthesis with MOS analog circuits 18910
Turchi, P.J. *see* Peterkin, R.E., Jr. 40370
Turck, B. *see* Ciazynski, D. 16379
Turcotte, G., Vachon, A. Competency assessment of reactor operator candidates using full-scope simulators—the emerging Canadian regulatory approach 102
Turcu, I.C.E., Maldonado, J.R., Ross, I.N., Shields, H., Trenda, P., Batani, D., Flucke, P., Goodson, H. Calibration of an excimer laser-plasma source for X-ray lithography 28025
Turek, J. *see* Stone, J.M. 45350
Turek, P. *see* Nake, C. 31611
Turene, F. *see* Sugerman, A. 18296
Turenee, F.E. *see* Holber, W.M. 10979
Turgenev, S.G. *see* Bespalov, V.I. 3883
Turgenev, S.G. *see* Bespalov, V.I. 21055
Turgenev, T.S. *see* Sinitskii, V.B. 32094
Turgeon, A.B. *see* Mbihi, J. 7732
Turgeon, S. *see* Gauthier, R.C. 23663
Turgunov, T. *see* Khanov, D. 20552
Turgunov, T. *see* Khanov, D. 20553
Turilli, G. Measurement of the magnetic anisotropy field by performing the second derivative of the magnetization curve in a continuous field 38654
Turilli, G., Paoluzi, A. Magneto and magneto-optical recording materials 28376
Turini, N. *see* Amendolia, S.R. 18746
Turini, N. *see* Amidei, D. 46890
Turini, N. *see* Bedeschi, F. 38912
Turini, N. *see* Tkaczyk, S. 46989
Turino, J. IEEE P1149.2 I/O Scan and Stateless Test Access Port. An update 26765
Turitsyn, S.K. Collapse criterion for pulse dynamics in a periodic nonlinear waveguide 3773
Turitsyn, S.K. *see* Aceves, A.B. 36031
Turitsyn, S.K. *see* Kivshar, Y.S. 36000
Turitsyn, S.K. *see* Mattheus, A. 30848
Turk, H., Munno, C.J. A technique for large dynamic range wavelet image processing using coherent optics and binary SLMs 5090
Turk, I. *see* Kokelj, P. 44257
Turk, J. *see* Abe, K. 7260
Turk, J. *see* Abe, K. 15619
Turk, J. *see* Abe, K. 46930
Turk, J. *see* Vivekanandan, J. 24480
Turkcan, E. *see* Ciftcioglu, O. 21995
Turke, E.A. A transient synchronous machine solution technique for power plant simulators 16659
Turkel, E. *see* Amitai, D. 41173
Turkenburg, W.C. *see* Blok, K. 47709
Turki, M. *see* Macchi, O. 4699
Turkin, A.A. *see* Konoplev, Yu.N. 28926
Turkington, T.G., Gilland, D.R., Jaszczak, R.J., Greer, K.L., Coleman, R.E., Smith, M.F. A direct measurement of skull attenuation for quantitative SPECT 15751
Turkington, T.G. *see* Gilland, D.R. 7357
Turkington, T.G. *see* Li, J. 7358
Turkmani, A.M.D., de Toledo, A.F. Modelling of radio transmissions into and within multistorey buildings at 900, 1800 and 2300 MHz 21244
Turkmani, A.M.D., Goni, U.S. A study of error distribution in a direct-sequence CDMA system 22899
Turkmani, A.M.D. *see* Nche, C. 30661
Turkot, B.A. *see* Cockerill, T.M. 43853
Turkovic, A., Radic, N., Sokcevic, D. UV and infrared studies of TiO_2 thin film cathodes in $Ag/AgI/TiO_2$, SnO_2 photosensitive galvanic cells 28643
Turlik, I. *see* Fair, R.B. 9175
Turlik, I. *see* Morris, J.E. 3370
Turlik, I. *see* Rogers, B. 17856
Turlip, J. *see* Chihoub, A. 46341
Turman, C.W. *see* Ford, A.P. 32479
Turnbull, F.G. *see* Jahns, T.M. 39302
Turnbull, M. *see* Niciejewski, R. 47274
Turnbull, R.M. *see* Beaumont, S.P. 15637
Turnbull, S.M., MacGregor, S.J., Tuema, F.A., Farish, O. A quantitative laser schlieren method for measurement of neutral gas density in high-pressure gas switches 17106
Turnbull, S.M. *see* MacGregor, S.J. 48008
Turner, C., Bhavsar, V.C., Pochec, P. Multi-transputer implementations of some feature extraction algorithms 13744
Turner, C. *see* Follett, D. 37309
Turner, C. *see* Gilmore, R.J. 13979
Turner, C.W. *see* Chana, S.S. 12788
Turner, C.W. *see* Dabirikhah, H. 11424
Turner, D. *see* Leavitt, M. 26974
Turner, D.S. The effect of increasing CO_2 amounts on TOVS longwave sounding channels 32091
Turner, G. Electrical performance of wire mesh for spacecraft deployable reflector antennas 36357
Turner, G. *see* Armstrong, J.V. 42739
Turner, G.C. *see* Andrews, M.K. 14963
Turner, G.W. *see* Choi, H.K. 28861
Turner, G.W. *see* Choi, H.K. 35882
Turner, G.W. *see* Le, H.Q. 20859
Turner, J. The development of an operational digital photogrammetric system for the North Sea oil and gas industry 23704
Turner, J., Roberts, G.V., Fisher, E.M., Russell, D.J. Load levelling project undertaken by MANWEB 24925
Turner, J. *see* Kugizaki, R. 38620
Turner, J. *see* Saez, P. 23989
Turner, J. *see* Schultz, D. 38807
Turner, J.A. *see* Conlon, R.F.B. 19109
Turner, J.S. A practical version of Lee's multicast switch architecture 5663
Turner, J.S. *see* Bianchi, G. 5177
Turner, J.S. *see* Bianchi, G. 22310
Turner, J.T., Popiel, C.O., Robinson, D.I. Evolution of an improved vortex generator 6417
Turner, K. *see* Amidei, D. 46890
Turner, K. *see* Tkaczyk, S. 46989
Turner, K.J. An engineering approach to formal methods 13939
Turner, L., III *see* Martin, D.L. 39165
Turner, L.F. *see* Kousa, M.A. 5136
Turner, M.C. *see* Bellarmine, G.T. 47354
Turner, M.J. Carrier SNMP management services: myths and realities 45449

Turner, M.M. Relations between preionization density distribution, electrode design, and efficiency in high-pressure discharge-excited gas lasers 11935
Turner, N.H., Campbell, F.J., Bruning, A.M., Kasture, D.G. Surface chemical changes of polymer cavities with currents above and below corona inception voltage 43201
Turner, N.H. *see* Dobisz, E.A. 27948
Turner, P.J. *see* Bright, C.G. 8284
Turner, P.J. *see* Ivanov, E.N. 4265
Turner, P.J. *see* Ivanov, E.N. 14921
Turner, R. Gradient coil design: a review of methods 7331
Turner, R.C., Fuierer, P.A., Newnham, R.E., Shrout, T.R. Materials for high temperature acoustic and vibration sensors: a review 39413
Turner, R.W. *see* Martin, F.J. 6137
Turner, S., Cerrina, F. Optimization of aerial image quality 27924
Turner, S. *see* Behagi, A. 19055
Turner, S. *see* Krasnoperova, A.A. 11077
Turner, S. *see* Moore, T.D. 23570
Turner, S. *see* Reeves, D.B. 99
Turner, S. *see* Dienes, M. *(editor)* 26092
Turner, S.D., Behagi, A. Stability analysis of an 18 GHz microwave frequency synthesizer 19051
Turner, S.E. Inverse muxes: high bandwidth, low cost 22614
Turner, S.J., Xu, M.Q. Performance evaluation of the Bounded Time Warp algorithm 30583
Turner, S.P. Assessment of training effectiveness—a trainer's perspective 100
Turner, S.P. *see* Simpson, T.R. 103
Turner, S.W. *see* Krasnoperova, A.A. 27965
Turner, T., Hurley, B. Advanced information processing for TMN-research in RACE I 14033
Turner, T., Hurley, B. Advance: network- and customer-administration architecture 30322
Turner, T. *see* Callaghan, J. 30321
Turner, T.E. Increasing the accuracy of lifetime predictions from accelerated electromigration tests 19669
Turner, T.R., Thomson, P.J., Cameron, M.A. Statistical discriminant analysis of arrhythmias using intracardial electrograms 31924
Turner, T.S., Martin, P.M., Eaves, L., Evans, H.B., Harrison, P.A., Henini, M., Hughes, O.H., Whittaker, D.M., Buckle, P.D., Fisher, T.A., Skolnick, M.S., Hill, G. Luminescence studies of resonant tunneling in a triple barrier structure with strongly coupled quantum wells 42505
Turner, W.A., Lucovsky, G. Electrical properties of microcrystalline silicon prepared by reactive magnetron sputtering from crystalline silicon targets 27470
Turner, W.A., Williams, M.J., Chen, Y.L., Maher, D.M., Lucovsky, G. Electrical properties of boron-doped μc-Si:H prepared by reactive magnetron sputtering from c-Si targets 10656
Turney, W. *see* Crim, D. 6360
Turon, F. *see* Campos, J. 12413
Turon, F. *see* Campos, J. 13531
Turos, A. *see* Piotrowska, A. 27779
Turovets, S.I. *see* Chizhevsky, V.N. 3438
Turovets, S.I. *see* Logvin, Yu.A. 2983
Turowska-Majewska, I. *see* Gilewicz, B. 48157
Turowski, J., Kopec, M. 3-D hybrid analytically-numerical computation of tank losses in 3-phase power transformers 47941
Turowski, J. *see* Wiak, S. 44251
Turowski, M. *see* Lisik, Z. 2501
Turowski, M. *see* Worotynski, J. 47904
Turrell, B.G. *see* Meagher, G. 24042
Turrini, S. *see* Jouppi, N.P. 26965
Turrini, S. *see* Jouppi, N.P. 27001
Turski, W. *see* Chereshkin, D. 22394
Tursunov, M.N. *see* Al'-Oran, B.F. 33042
Turtle, J.P. *see* Fraser-Smith, A.C. 4137
Turtle, J.P. *see* Steyskal, H. 29375
Turtschi, U., Hofer, P. Environmental control system in a medical research institute 32006
Turuc, S. *see* Friedrich, M. 15334
Turunen, J., Blair, P., Miller, J.M., Taghizadeh, M.R., Parkes, W., Wilkinson, C.D.W. Binary synthetic Bragg holograms: fabrication issues and first results 12460
Turunen, J., Taghizadeh, M.R., Vasara, A. Computer-generated holograms for optical interconnection 12423
Turunen, J. *see* Huttunen, J. 12468
Turunen, J. *see* Huttunen, J. 43493
Turunen, J. *see* Noponen, E. 44140
Turunen, J. *see* Saarinen, J. 44162
Turut, A., Koleli, F. Metallic polythiophene/inorganic semiconductor Schottky diodes 10730
Turzhanskii, A.A. *see* Pigulevskii, E.D. 18347
Tusa, E.H. Cesium removal 47647
Tusboi, Y. *see* Itoh, N. 11298
Tusch, N. Coal-fired power plant 39919
Tusi, A. *see* Bencze, G.L. 38858
Tuss, J. Easy online access to helpful Internet guides 14155
Tuszewski, M., Zweben, S.J. Scintillator studies with MeV charged particle beams 7215
Tuszynski, M., Wojtkiewicz, A. Adaptive prediction and interpolation filters for radar data processing 23156
Tuteja, R.K., Malik, S.C. A system with pre-inspection and two types of repairman 26252
Tutken, T., Hawdon, B.J., Zimmermann, M., Queisser, I., Hangleiter, A., Harle, V., Scholz, F. Improved modulator characteristics using tensile strain in long-wavelength InGaAs/InGaAsP multiple quantum wells 28807
Tutt, L.W., Boggess, T.F. A review of optical limiting mechanisms and devices using organics, fullerenes, semiconductors and other materials 12393
Tutt, M.N., Menozzi, R., Pavlidis, D. Characterization of MESFET and MODFET microwave noise properties utilizing drain noise current 1542
Tuttas, C. Sliding mode control of a voltage-source active filter 16995
Tuttas, C. *see* Schott, E. 24648
Tuttle, B. *see* Bernacki, S. 35199
Tuttle, B.A., McIntyre, D.C., Seager, C.H., Garino, T.J., Warren, W.L., Evans, J.T., Waldman, R.W. Materials characterization of nondestructive readout nonvolatile memory devices 28323
Tuttle, B.A. *see* Lockwood, S.J. 28311
Tuttle, B.A. *see* Myers, E.R. *(editor)* 26053
Tuttle, D.P. *see* Becker, M.C. 10195
Tuttle, G., Kavanaugh, J., McCalmont, S. (Al,Ga)Sb long-wavelength distributed Bragg reflectors 43920
Tuttle, G. *see* Simon, A. 15027
Tuttle, G.T., Fallahi, S., Abidi, A.A. A low-power analog CMOS vector quantizer 4854
Tuttle, G.T., Fallahi, S., Abidi, A.A. An 8 b CMOS vector A/D converter 27017
Tuttle, J. *see* Contreras, M. 8769
Tuttle, J. *see* Rockett, A. 40470
Tuttle, M.R. *see* Halpern, J.Y. 485
Tutygin, V.S. *see* Zhilyaev, Yu.V. 1896
Tuuva, T. *see* Huhtinen, M. 7183
Tuveny, O., Artaud, M., Tomasini, B., Alengrin, G. Track initiation within a multisensor environment radar/IR. II. Evaluation and multisensor approach 21853
Tuvik, A.A. *see* Auslender, V.L. 6910
Tuyt, J. Compatibility aspects of B-ISDN signalling 14286
Tuzenko, A.P. *see* Sunduchkov, K.S. 9989
Tuzkov, A.V. *see* Kirillov, D.N. 21868
Tuzlukov, V.P. Signal-to-noise improvement in video signal processing 36856
Tuzun, U. *see* Hosseini-Ashrafi, M.E. 23935
Tvardauskas, H. *see* Ambrazeviciene, V. 15109
Tvarozek, M. *see* Herrera, S.G. 30122
Tvarozka, V. *see* Balaz, P. 39885
Tverdokhleb, P.E. *see* Bazanov, M.V. 29038
Tverdokhleb, P.E. *see* Kozik, V.I. 28433
Tver'yanovich, E.V. *see* Teplyakov, D.I. 32798
Tveryanovich, E.V. *see* Teplyakov, D.I. 40058
Tveryanovich, E.V. *see* Teplyakov, D.I. 40061
Twardowski, A. *see* Chou, W.C. 42472
Twerdochlib, M. *see* Henson, G.E. 32829
Twerefour, S. *see* Lau, J. 42285
Twesten, I. *see* Li, B. 42702
Twieg, N.T. *see* Shokrolla, S.S. 9062
Twieg, R.J. *see* Burland, D.M. 21067
Twieg, R.J. *see* Moylan, C.R. 44073
Twieg, R.J. *see* Silence, S.M. 20235
Twieg, R.J. *see* Silence, S.M. 21070
Twig, Y., Kastner, R. A recursive LU decomposition algorithm [EM scattering] 36139
Twig, Y. *see* Kastner, R. 44333
Twigg, M.E. *see* Bennett, B.R. 41350
Twigg, M.E. *see* Kyono, C.S. 34562
Twiggs, R.J., Clapp, W.G. Capstone projects for space as a cooperative effort with industry 111
Twisleton, J.R.G. Lossless transmission and the measurement of insertion loss 6746
Twomey, T.R., Keyser, R.M. Advances in large-diameter, low-energy HPGe detectors 38837
Twu, S.-H. *see* Chang, F.-J. 9974
Twu, Y., Cheng, L.S., Chu, S.N.G., Nash, F.R., Wang, K.W., Parayanthal, P. Semiconductor laser damage due to human-body-model electrostatic discharge 3596
Tyagi, A. VLSI design parsing 26584
Tyagi, A., Bayoumi, M., Manthravadi, P. Yield enhancement in the routing phase of integrated circuit layout synthesis 43087
Tyagi, A. *see* Kidambi, M.R. 43077
Tyagi, A.K., Sharma, T.P. Metallurgical reactions and enhanced magnetic field shielding in YBCO-PbS superconductors 35260
Tyagi, M.S. *see* Khairnar, R.S. 27424
Tyagi, P.K. *see* Goel, L.R. 26253
Tyagi, T.R. *see* Bhuyan, P.K. 4118
Tyagi, T.R. *see* Gupta, J.K. 4117
Tyagulskii, I.P. *see* Gomenyuk, Yu.V. 10772
Tyagunov, M.G. *see* Sobolenko, N.A. 25093
Tyaqi, D. *see* Chaurey, A. 25983
Tyazhev, A.I. The use of spectrum permutation and convolution to investigate digital signal processors 29670
Tyazhev, A.I. Digital formation of spectrally-compressed keyed signals 36692
Tyazhkov, V.S. *see* Usanov, D.A. 10447
Tyc, S. Technological state of the art of SiC 10680
Tyc, S., Schuhl, A. A new structure for a superconducting field effect transistor 2911
Tygel, M., Schleicher, J., Hubral, P., Hanitzsch, C. Multiple weights in diffraction stack migration 47232
Tygel, M. *see* Schleicher, J. 15977
Tyl, J. Transmission properties of single-mode, *W*-type optical fibers 11586
Tylavsky, D.J., Nagaraj, S., Crouch, P.E., Gaye, A.A., Jarriel, L.F. Parallel-vector processing synergy and frequency domain transient stability simulations 24668
Tylavsky, D.J., Ranganath, J., Shyam, N., Chen, S.X. Precedence relationship minimization in numerically asymmetric matrix inverse factor calculations [of power systems] 16131
Tyler, J.E.M. *see* Dai, J. 13011
Tyler, J.E.M. *see* Dai, J. 36616
Tyler, J.K., Brahmi, F.A. The effect of a local area MEDLINE network on online end-user and mediated searching: an update 37411
Tyler, M., Bednarczyk, S. Regulatory institutions and processes in telecommunications: an international study of alternatives 22389
Tyler, R.L. PCB investment strategy into the 1990s 40901
Tyll, H., Thumm, G., Stober, R., Winfield, M. Matching site and power system requirements design of the two Pelham SVCs 16248
Tyma, G. *see* Moscinska, K. 13823
Tymerski, R., Li, D. State-space models for current programmed pulsewidth-modulated converters 8492
Tymerski, R., Li, D. Extended ripple analysis of PWM DC-to-DC converters 33885
Tymieniecka, T. A Monte Carlo investigation of lead-scintillator calorimeters for hadrons 15626
Tymieniecka, T. On neutrons in uranium-scintillator calorimeters. (One neutron Monte Carlo) 31660
Tyner, D.J., Proakis, J.G. Partial response equalizer performance in digital magnetic recording channels 43315
Tyni, P., Parkkinen, R. A 3-DOF stepping motor robot controlled by a microcontroller 17518
Tyra, K.P. *see* Walsh, J. 267
Tyrer, J.R., Vassie, L.H., Clarke, A.A., Soufi, B. Laser safety hazard assessment—a generic model 40876
Tyrer, J.R. *see* Moore, A.J. 31524
Tyrer, J.R. *see* Vassie, L.H. 20586
Tyrrell, A.M. *see* Howard, N.J. 41864
Tyrrell, A.M. *see* Mukherjee, A.M. 41966
Tyrrell, A.M. *see* Tinniswood, A. 44411
Tyrtyshnikov, E.E. How bad are Hankel matrices? 41151
Tyschenko, I.E. *see* Kachurin, G.A. 10850
Tyson, E.L. *see* Dowell, D.H. 12255
Tyson, T.J. Serial EEPROMs vs parallel solutions 34057
Tyszer, J. *see* Rajski, J. 26789
Tyszka, A., Szczepaniski, P., Wolinski, W. Excess-noise factor in fiber distributed feedback lasers 3502
Tyszka-Zawadzka, A., Szczepanski, P., Wolinski, W. Influence of end reflectivity on the excess-noise factor in distributed feedback lasers 43844
Tytran, C.L. *see* Light, D.N. 378
Tyukov, V.E. *see* Cianfarani, C. 31731
Tyuliev, G. *see* Boishin, G. 34698
Tyunina, M.A. *see* Barabanov, V.S. 35956
Tyutrin, Yu.I. *see* Akishin, A.I. 10165
Tyutrin, Yu.I. *see* Akishin, A.I. 11341
Tz-Guei Jung, Chun-Yen Chang, Ting-Chang Chang, Horng-Chih Lin, Wang, T., Wen-Chung Tsai, Guo-Wei Huang, Pei-Jih Wang Low-temperature epitaxial growth of silicon and silicon-germanium alloy by ultrahigh-vacuum chemical vapor deposition 26448
Tzalenchuk, A.Ya. *see* Ivanov, Z.G. 35287
Tzamarias, S. *see* Adam, W. 46929
Tzanakos, G. *see* Kontaxakis, G. 38973
Tzanakos, G. *see* Pavlopoulos, S. 24218
Tzanakos, G. *see* Pavlopoulos, S. 38972
Tzanakos, G. *see* Wang, M.-Z. 31689
Tzanetakis, P., Fritzsche, H., Tran, M.Q., Androulidaki, M., Rynes, E. Photoconductivity in compensated a-Si:H and the effect of bias light on the drift mobility 35564
Tzanetakis, P. *see* Franghiadakis, Y. 18245
Tzang, A. *see* Chan, C.C. 48203
Tzannes, A.P., Mooney, J.M. Toward the characterization of infrared cameras 31287
Tzannes, A.P. *see* Caefer, C.E. 32154
Tzannes, M.C. *see* Bassiouni, M.A. 5019
Tzannes, N.S. *see* Bassiouni, M.A. 5019
Tzanov, V.A., Strogarov, D.D., Trifonova, S.G. Connection control in the LANs with redundant communication trunks 22582
Tze Fen Li, Sung Wu Chang An algorithm to estimate the fraction defective and the exponential mean life using unlabeled samples 26285
Tze-Guei Jung *see* Horng-Chih Lin 9755
Tze-Han Huang *see* Lin-Yu Tseng 22439
Tzelepis, V., Markatos, S., Kalpogiannis, S., Sphicopoulos, T., Caroubalos, C. Analysis of a passively mode-locked self-starting all-fiber soliton laser 44077
Tzelepis, V., Sphicopoulos, T., Caroubalos, C. Passive harmonic mode-locking in all-fibre

soliton laser: energy states and stability aspects 35756
Tzeng, A.Y.C. *see* Lim, P.J.-W. 30832
Tzeng, C.P.J. *see* Tay-Her Tsaur 38071
Tzeng, F.F. Pitch-tracked CELP speech coding with transparent DTMF signaling 37632
Tzeng, F.F. Aeronautical audio broadcasting via satellite 37905
Tzeng, H.-W. *see* Chen, J.-L. 24932
Tzeng, L.D. *see* Santoro, M.A. 22712
Tzeng, T.M. *see* Huang, B.J. 25948
Tzeng, Y.C., Fung, A.K. T-matrix approach to multiple scattering of EM waves from N-spheres 21220
Tzeng, Y.C. *see* Toh, K.Y. 10138
Tzeng Huan-Wen *see* Huan-Wen Tzeng
Tzeng Jyh-Ming *see* Jyh-Ming Tzeng
Tzenov, N. *see* Tsvetkova, T. 27661
Tzer-Hsiang Huang, Chia-Chen Hsu, Kuo, C.-T., Lu, P., Tse, W.-S., Wang, D.P., Chou, T.C., Fuh, A.Y.G. Ruby spectral band-profile analysis for temperature sensing 43624
Tzi-Dar Chiueh *see* Liang-Gee Chen 38304
Tzionas, P., Tsalides, P., Thanailakis, A. 2-Dimensional minimum cost path planning using a cellular automaton architecture 10200
Tzionas, P.G., Tsalides, P.G., Thanailakis, A. New algorithm for three-dimensional minimum cost path planning and its VLSI implementation by means of a three-dimensional cellular automata architecture 11898
Tziritas, G. A new pel-recursive Kalman-based motion estimation method 22190
Tzolov, M. *see* Tsvetkova, T. 27661
Tzolov, V.P., Grozdanov, K.A., Atanasov, P.A. Nitrogen laser employing twin sliding discharges 28725
Tzonelih Hwang *see* Jau Liang Chen 44667
Tzong-Chen Wu *see* Chin-Chen Chang 21570
Tzong-Kwei Chen *see* Meng-Hui Chen 18838
Tzong-Sheng Chang *see* Wen-Chun Wang 2256
Tzong-Sheng Chang *see* Wen-Chun Wang 19436
Tzou, C.-K. *see* Raheli, R. 4763
Tzou, H.S., Zhong, J.P. Adaptive piezoelectric shell structures: theory and experiments 11397
Tzou, K.H. *see* Rao, A. 29958
Tzovaras, D., Strintzis, M.G., Sahinoglou, H. Evaluation of multiresolution block matching techniques for motion and disparity estimation 45083
Tzu-Chieh Tsai *see* Lin, Y.-D.J. 30507
Tzu-Chieh Tsai *see* Ying-Dar Jason Lin 30196
Tzuang, C.-K.C., Jinq-Min Lin On the mode-coupling formation of complex modes in a nonreciprocal finline 21338
Tzuang, C.-K.C. *see* Ching-Cheng Tien 18964
Tzuang, C.-K.C. *see* Lo, W.-T. 1387
Tzuang, C.-K.C. *see* Lo, W.-T. 1416
Tzuang, C.-K.C. *see* Wen-Teng Lo 42142
Tzukerman, S. *see* Harris, F. 27071
Tzung-Zu Yang *see* Ching-Fa Yeh 11193
Tzung-Zu Yang *see* Ching-Fa Yeh 42934
Tzyy-Sheng Horng, Alexopoulos, N.G. Corporate feed design for microstrip arrays 36432

U Vei-Khan, Khe Tszin-Lyan Current pulses at voltage limiters when lightning strikes power-line pylons 39668
Uang, C.-M. *see* Tanone, A. 43553
Uang, C.-M. *see* Yu, F.T.S. 6784
Uang, C.-M. *see* Yu, F.T.S. 11724
Uang, C.-M. *see* Yu, F.T.S. 35309
Uang, C.-M. *see* Yu, F.T.S. 43381
Uang, C.M. *see* Yu, F.T.S. 35521
Uang Chii-Maw *see* Chii-Maw Uang
Ubachs, W., Eikema, K.S.E., Hogervorst, W. Narrow-band extreme-ultraviolet laser radiation tunable in the range 90.5-95 nm: application to the spectroscopy of N_2 35705
Ubaidullaev, M.A. *see* Zhebulev, I.A. 28650
Ubayama, N. *see* Sasaki, T. 30705
Ubeda, S. A parallel thinning algorithm using the bounding boxes techniques 45198
Ubeda, S. *see* Poty, V. 45201
Uberall, H. History of resonance scattering theory in acoustics and its applications to target recognition 23218
Uberall, H. *see* Guo, Y. 44283
Uberall, H.M., Schumacher, C.R., Bao, X.L. Resonant attenuation in electromagnetic wave scattering from conducting elongated objects 36137
Ubierna, A. *see* Ruiz, J. 106
Ubra, O., Hejzlar, P., Zuna, Z. A mathematical model for transient analysis of saturated steam turbines 39821
Ubra, O. *see* Hejzlar, P. 39987
Ubukata, H. *see* Sumi, K. 22631
Ucan, O.N. Performance analysis of QPR-TCM in fading mobile satellite channel 22885
Uccio, U.Scotti di *see* Scotti di Uccio, U.
Uchara, K., Okitsu, K., Tsunooka, M., Sugimoto, A., Inoue, H. Highly rectifying organic two-layer diodes using the interface between 5-methyl-10-(4-methylbenzyl)- and 5-methyl-10-(4-methoxybenzyl)-5,10-dihydrophenazines and lightly doped poly(3-methylthiophene) 2431
Uchida, A. *see* Tamba, N. 34046
Uchida, H., Hirashita, N., Ajioka, T. The effect of oxide charges at LOCOS isolation edges on oxide breakdown 10769
Uchida, H., Takechi, K. High mobility a-Si TFTs 19859
Uchida, H. *see* Kotsuka, Y. 4072
Uchida, H. *see* Nishida, S. 34997
Uchida, H. *see* Ookuma, S. 18732
Uchida, H. *see* Tanaka, H. 34059
Uchida, H. *see* Watanabe, M. 48104
Uchida, H. *see* Yamasaki, Y. 34040
Uchida, K., Noda, T., Matsunaga, T. Spectral domain analysis of electromagnetic scattering by patch arrays of arbitrary shape 12785
Uchida, K., Noda, T., Matsunaga, T. Filtering in discrete Fourier transform and its application 21233
Uchida, K., Yamazoe, H., Hirabayashi, K., Hirasawa, H. Active vibration isolation system [Actidamp] 8726
Uchida, K. *see* Kato, K. 4956
Uchida, K. *see* Shimizu, N. 35179
Uchida, M. *see* Ohmori, Y. 3345
Uchida, M. *see* Ohmori, Y. 11872
Uchida, M. *see* Ohmori, Y. 35599
Uchida, M. *see* Ohmori, Y. 43646
Uchida, M. *see* Onoda, M. 3343
Uchida, N., Kuwabara, O., Ishibashi, Y., Kikuiri, N., Hirano, R., Nishida, J., Nishizaka, T., Kikuchi, Y., Yoshino, H. X-ray stepper aiming at 0.2 μm synchrotron orbital radiation lithography 27994
Uchida, N. *see* Hiraiwa, A. 47106
Uchida, N. *see* Kuwabara, S. 11024
Uchida, R. *see* Kawabata, T. 16949
Uchida, R. *see* Suga, I. 8630
Uchida, S., Hamada, Y., Kawachi, K., Fujino, Y., Inoue, Y., Suzuki, T., Nakada, T., Sugizaki, T. Development of new low lift snow-retardant insulated wire for overhead distribution line 32444
Uchida, T. Smoothness-constrained 2D inversion for DC resistivity data by ABIC minimization method 7581
Uchida, T. Panel suppliers can select various techniques for LCD improvement 23793
Uchida, T., Aoki, H., Hane, M., Hasegawa, S., Ikawa, E. Model for Al etch-rate enhancement at low temperatures 27791
Uchida, T., Itoh, T., Morikawa, Y., Ikuta, H., Wakihara, M. Anode properties and diffusion coefficient of lithium of pitch based carbon powder 48065
Uchida, T., Miyamoto, T., Yokouchi, N., Inaba, Y., Koyama, F., Iga, K. CBE grown 1.5 μm GaInAsP-InP surface emitting lasers 12190
Uchida, T., Yokouchi, N., Miyamoto, T., Koyama, F., Iga, K. Chemical beam epitaxy growth of GaInAsP/InP and application to surface-emitting lasers 18226
Uchida, T. *see* Bae, J.W. 3626
Uchida, T. *see* Bae, J.W. 28806
Uchida, T. *see* Bae, J.W. 28816
Uchida, T. *see* Ikuta, H. 40404
Uchida, T. *see* Kunikiyo, T. 42967
Uchida, T. *see* Miyamoto, T. 43873
Uchida, T. *see* Seki, H. 23791
Uchida, T. *see* Shimogaki, Y. 827
Uchida, T. *see* Shtengel, G. 35858
Uchida, T. *see* Shtengel, G. 44021
Uchida, T.K. *see* Brusenbach, P. 28820
Uchida, T.K. *see* Brusenbach, P.R. 12145
Uchida, Y. *see* Furuhashi, H. 12499
Uchida, Y. *see* Ishihara, R. 9788
Uchida, Y. *see* Sharma, R. 2348
Uchihashi, T. *see* Fukano, Y. 42574
Uchihashi, T. *see* Morita, S. 11340
Uchiike, H. Researchers work to endow color PDP with HD-TV capabilities 15148
Uchikawa, H. *see* Koyanagi, M. 10190
Uchikawa, K. *see* Ikeda, S. 6273
Uchikawa, K. *see* Shinoda, H. 15122
Uchikawa, T. *see* Ohnishi, O. 25484
Uchikawa, Y. *see* Furuhashi, T. 8499
Uchikawa, Y. *see* Yamazaki, K. 24137
Uchiki, T. *see* Kurosawa, M. 16903
Uchil, S., Phani Bhushan, K., Naik, G.M., Selvarajan, A. A flexural push-pull fibre-optic hydrophone incorporating acceleration cancelling and feedback stabilization 23685
Uchimoto, Y. *see* Ogawa, T. 17358
Uchimoto, Y. *see* Yasuda, K. 48073
Uchimura, K. *see* Ohki, H. 15075
Uchimura, K. *see* Tanaka, M. 38214
Uchino, E., Yamakawa, T., Miki, T., Nakamura, S. Fuzzy rule-based simple interpolation algorithm for discrete signal 13168
Uchino, H. *see* Hagihara, J. 39492
Uchino, K., Takada, K., Ohno, T., Yoshida, H., Kobayashi, Y. High-density pulse width modulation recording and rewritable capability in GeSbTe phase-change system using visible laser beam at low linear velocity 20270
Uchino, O. *see* Uchiumi, M. 24491
Uchino, T. *see* Hirasawa, S. 9215
Uchishima, M., Tozawa, Y., Kawasaki, T. QPSK burst demodulator for satellite communications systems 5849
Uchitomi, N. *see* Nagaoka, M. 42194
Uchiumi, M., Maeda, M., Muraoka, K., Uchino, O. Measurements of atmospheric water vapor with an alexandrite lidar 24491
Uchiya, M. *see* Koba, S. 2870
Uchiyama, A., Fukuda, H., Ono, T. Oxynitrided tunnel-oxide film for flash memory 35089
Uchiyama, A. *see* Abe, T. 42579
Uchiyama, A. *see* Momose, K. 31936
Uchiyama, A. *see* Yamanouchi, T. 15849
Uchiyama, H., Honda, N., Oyanagi, E., Kawano, N., Urakawa, Y. Recording characteristics of perpendicular magnetic recording medium using a stretched-disk interface 11494
Uchiyama, H., Miyachi, T., Kasuga, M. Improving image quality of mobile telephone facsimile by keeping modem condition stable 14460
Uchiyama, H., Miyachi, T., Kasuga, M. A consideration on the influence of handoff in data transmission and error reduction 14505
Uchiyama, K. Trend of high integration 18800
Uchiyama, K., Akimichi, H., Hotta, S., Noge, H., Sakaki, H. Electroluminescence from thin film of a semiconducting oligothiophene deposited in ultrahigh vacuum 43665
Uchiyama, K., Arakawa, F., Narita, S., Aoki, H., Kawasaki, I., Matsui, S., Yamamoto, M., Nakagawa, N., Kudo, I. The Gmicro/500 superscalar microprocessor with branch buffers 10192
Uchiyama, K., Takara, H., Kawanishi, S., Morioka, T., Saruwatari, M., Kitoh, T. 100 Gbit/s all-optical demultiplexing using nonlinear optical loop mirror with gating-width control 5981
Uchiyama, K. *see* Kawanishi, S. 22991
Uchiyama, K. *see* Kawanishi, S. 38126
Uchiyama, K. *see* Okada, T. 41914
Uchiyama, M., Ueda, Y., Noguchi, K., Fukuta, M. A study on stability of VCR tape transport 6253
Uchiyama, S., Ohki, S., Matsuda, T. A new proximity parameter evaluation method utilizing auxiliary patterns for dose compensation 27874
Uchiyama, S. *see* Sumi, S. 11478
Uchiyama, T., Akazawa, K., Sasamori, A. Data compression of ambulatory ECG by using multi-template matching and residual coding 31929
Uchiyama, T. *see* Endo, M. 12011
Uchiyama, T. *see* Endo, M. 35666
Uchiyama, T. *see* Kumano, T. 2868
Uchiyama, T. *see* Miura, N. 11950
Uchiyama, T. *see* Miura, N. 12012
Uchiyama, T. *see* Miura, N. 35668
Uchiyama, T. *see* Uike, M. 15824
Uchiyama, T. *see* Yaji, T. 8974
Uchiyama, T.K. *see* Kawanishi, S. 30846
Uchiyama, Y., Ozaki, M., Yoshino, K. Softmode operation in waveguide modulator using ferroelectric liquid crystal 43550
Uchoa Filho, B.F., Palazzo, R., Jr. Performance analysis of a multistage decoding strategy for multilevel coded modulation systems 36553
Uckun, S. *see* Dawant, B.M. 7318
Uckun, S. *see* Dawant, B.M. 38956
Uctug, M.Y., Eskandarzadeh, I., Ince, H. Modelling and output power optimisation of a wind turbine driven double output induction generator 40188
Uctug Yildirim, M. *see* Basyigit, C. 40074
Uda, H. *see* Nishida, M. 10460
Uda, M. *see* Noguchi, T. 46875
Uda, T. *see* Wada, Y. 28231
Udagawa, M., Niwa, M., Sumita, I. Local ordering and lateral growth of initial thermal oxide of Si(001) 42687
Udagawa, M. *see* Niwa, M. 42576
Udalov, S.I. *see* Volosyuk, V.K. 29125
Udalov, Yu.B. *see* Heeman-Ilieva, M.B. 28727
Udalov, Yu.B. *see* Heeman-Ilieva, M.B. 3418
Udal'tsov, V.E. *see* Vodakov, Yu.A. 28663
Udaya Shankar, A. *see* Alaettinoglu, C. 45615
Udayagiri, M.R., Sarma, V.S.S. Single phase to three phase conversion without DC filter 8535
Udayakumar, K.R., Chen, J., Brooks, K.G., Cross, L.E., Flyn, A.M., Ehrlich, D.J. Piezoelectric thin film ultrasonic micromotors 11409
Udayakumar, K.R., Schuele, P.J., Chen, J., Brooks, K.G., Cross, L.E. Ferroelectric switching in lead zirconate-lead zinc niobate thin films 11371
Udayakumar, K.R. *see* Chen, J. 11365
Uddin, A., Uemoto, T. Observation of deep level in p-n junction diode of 6H:SiC 10718
Uddin, B., Akhtar, M., Khan, R., Choudhury, M.A., Rahman, M.A. Phase shifting by static PWM cycloinverters for starting single phase induction motors 16831
Uddin, Md.Bashir *see* Bashir Uddin, Md.
Uden, C.N. *see* Eaton, G.H. 46784
Udhayan, R. *see* Bhatt, D.P. 25631
Udo, G.J. The impact of telecommunications on inventory management 22385
Udod, E.I. Problems of improving the efficiency of repair of electrical installations under a voltage 208
Udod, V.A. *see* Nedavnii, O.I. 41542
Udono, H., Katsuno, H., Kimura, M., Tanaka, A., Sukegawa, T. Compositional conversion of

GaAs layers on a GaP substrate to GaAsP 33682
Udrea, F., Amaratunga, G.A.J., Qin Huang The effect of the hole current on the channel inversion in trench insulated gate bipolar transistors (TIGBT) 28140
Udumula, L. *see* Oleynik, G. 46322
Ue, M., Visco, S.J., De Jonghe, L.C. Comparison of cathode utilization between polymeric organodisulfide and titanium disulfide in solid polymer electrolyte rechargeable lithium cells 48067
Ueba, H. *see* Tamagawa, T. 27561
Uecker, D. *see* Bui, L.Q. 7565
Ueda, A., Hirao, T., Kobayashi, S., Yoshimura, H., Morita, M., Oishi, N., Nakabayashi, Y. Performances of field winding for superconducting generators under high centrifugal force 16763
Ueda, A. *see* Kawakami, N. 47960
Ueda, A. *see* McKinley, J.T. 44082
Ueda, A. *see* Mutoh, N. 40513
Ueda, A. *see* Sawai, K. 40403
Ueda, A. *see* Uyeda, K. 25390
Ueda, D. *see* Nagata, S. 34271
Ueda, E. *see* Inaji, T. 23334
Ueda, E. *see* Nagano, T. 20261
Ueda, F. *see* Matsui, K. 24619
Ueda, G. *see* Nakajima, K. 23824
Ueda, H., Kanata, Y., Suzuki, N. Application of visual recognition technology to inspection, measurement and adjusting process 26215
Ueda, H., Miyatake, T., Sumino, S., Nagasaka, A. Visualization of video structure by motion picture analysis and its application 14832
Ueda, H. *see* Gotoh, Y. 19292
Ueda, H. *see* Matsunaga, H. 14031
Ueda, I. *see* Kugimiya, K. 11368
Ueda, K. Trend of computer equipments: small size magnetic disk drive 28369
Ueda, K., Sugimura, T., Okamoto, M., Marui, S., Ishikawa, T., Sakakihara, M. A 16 b low-power-consumption digital signal processor 26998
Ueda, K., Uehara, N. Laser diode pumped solid state lasers for gravitational wave antenna 3556
Ueda, K. *see* Kaminskii, A.A. 12069
Ueda, K. *see* Matsumoto, T. 20484
Ueda, K. *see* Nishioka, H. 3461
Ueda, K. *see* Sakakihara, M. 34087
Ueda, K. *see* Sasaki, K. 26924
Ueda, K. *see* Sasaki, K. 34048
Ueda, K. *see* Umetani, K. 7385
Ueda, M., Greenly, J.B., Rondeau, G.D., Hammer, D.A. Inductively driven gas-breakdown plasma source for intense ion beam production 7129
Ueda, M., Ishikawa, K., Jie, C., Touma, Y. High sensitive optical sensor for blood leak 24215
Ueda, M., Satoh, M., Ohtsu, S., Wakatsuki, N. Piezoelectric transformer using energy trapping of width-shear vibration in $LiNbO_3$ plate 11408
Ueda, M. *see* Abe, T. 1141
Ueda, M. *see* Shioya, Y. 31484
Ueda, N., Mase, K., Suenaga, Y. A contour tracking method using an elastic contour model and an energy-minimization approach 45064
Ueda, N. *see* Suzuki, S. 45194
Ueda, O. Application of transmission electron microscopy to solving defect issues in III-V alloy semiconductors and devices 10658
Ueda, R. *see* Koga, K. 16805
Ueda, R. *see* Minari, Y. 8526
Ueda, R. *see* Sonoda, T. 6411
Ueda, S. *see* Imaie, K. 8947
Ueda, S. *see* Ishida, Y. 14603
Ueda, S. *see* Ito, S. 16985
Ueda, S. *see* Ito, S. 25536
Ueda, S. *see* Kawakami, N. 47960
Ueda, S. *see* Shimada, Y. 9248
Ueda, S. *see* Shingu, K. 28573
Ueda, S. *see* Suzuki, K. 16161
Ueda, T., Morita, M., Arita, H., Kida, Y., Kurosawa, Y., Yamagiwa, T. Solid-state current limiter for power distribution system 32487
Ueda, T., Morita, M., Yamagiwa, T., Kan, M., Ogawa, T. Measurement of lightning surges into 77 kV substations 40382
Ueda, T., Takahashi, K., Ho, C.-Y., Mori, S. Discrete-time cellular neural networks using digital neuron model with DPLL 1368
Ueda, T. *see* Dohi, T. 37942
Ueda, T. *see* Fujita, M. 2798
Ueda, T. *see* Hara, T. 10988
Ueda, T. *see* Inoue, M. 37177
Ueda, T. *see* Kojima, S. 24994
Ueda, T. *see* Mine, S. 45683
Ueda, T. *see* Nagata, S. 34271
Ueda, T. *see* Nagata, S. 34271
Ueda, T. *see* Nishimura, E. 43974
Ueda, T. *see* Ogata, A. 6952
Ueda, T. *see* Shimazaki, K. 22415
Ueda, T. *see* Yoshida, Y. 6954
Ueda, T. *see* Yoshizawa, J. 24820
Ueda, Y., Hayama, N., Honjo, K. Submicron-square emitter AlGaAs/GaAs HBTs with AlGaAs hetero-guardring 42890
Ueda, Y., Tanaka, T., Ohnishi, T., Okamoto, S. Retardation effect of additives on radiation degradation of EPDM 43204
Ueda, Y. *see* Arai, S. 19308
Ueda, Y. *see* Ito, H. 10448
Ueda, Y. *see* Nakagawa, S. 44795
Ueda, Y. *see* Okamoto, S. 1669
Ueda, Y. *see* Okamoto, S. 7954
Ueda, Y. *see* Takase, F. 25414
Ueda, Y. *see* Uchiyama, M. 6253
Ueda, Y. *see* Yanagi, H. 25703
Uedono, A., Ujihira, Y., Wei, L., Tabuki, Y., Tanigawa, S., Wade, K., Nakanishi, H. Defects introduced by low dose Be-implantation probed by a monoenergetic positron beam 10815
Uedono, A., Watauchi, S., Ujihira, Y., Wei, L., Tanigawa, S., Suzuki, R., Ohgaki, H., Mikado, T., Kametani, H., Akiyama, H., Yamaguchi, Y., Koumaru, M. Defects in separation by implanted oxygen wafer probed by monoenergetic positron beams 19471
Uedono, A. *see* Kametani, H. 10764
Uedono, A. *see* Ohji, Y. 10766
Ueguri, S. *see* Iwata, A. 3419
Ueha, S. *see* Kurosawa, M. 16903
Uehara, D. *see* Esashi, M. 38456
Uehara, G., Matsuda, N., Kazami, K., Takada, Y., Kado, H. Asymmetric bias injection technique for Drung-type superconducting quantum interference devices 11539
Uehara, H. *see* Jitsuhara, S. 40056
Uehara, K., Kagoshima, K. Rigorous analysis of microstrip phased array antennas using a new FDTD method 29383
Uehara, K., Nishimura, H., Yonekura, T., Natsume, K.-I., Mizuno, K. Optimum design of Yagi-Uda antenna for millimeter-wave imaging 12770
Uehara, M., Tanahashi, M. Characterization of insulating boundary layers of BL-capacitors 19174
Uehara, M. *see* Kanzawa, H. 11945
Uehara, M. *see* Mori, H. 41996
Uehara, N. *see* Kaminskii, A.A. 12069
Uehara, N. *see* Ueda, K. 3556
Uehara, S., Imamura, K. Some properties of partial autocorrelation of binary m-sequences 21601
Uehara, S. *see* Grajew, G. 37613
Uehara, T. *see* Hosoya, M. 4019
Uehara, T. *see* Katafuchi, T. 38967
Uehara, T. *see* Kato, Y. 35067
Uehara, T. *see* Sone, Y. 45687
Uehira, K., Komiya, K. Seamless image-connection technique for a multiple-sensor camera 46225
Uehira, K. *see* Kuriki, M. 45477
Uehira, K. *see* Takahashi, Y. 23300
Uejima, M. *see* Otsubo, M. 16460
Uekawa, T. *see* Takamasu, K. 38695
Ueki, K. *see* Nakajima, K. 14772
Ueki, M. *see* Kurokawa, N. 34378
Ueki, N. *see* Suzuki, T. 34113
Ueki, T. *see* Hirai, M. 36125
Ueki, Y. *see* Fukuyama, Y. 16433
Ueki, Y. *see* Ishibashi, K. 24855
Ueki, Y. *see* Matsumoto, T. 24865
Uekusa, S. *see* Majima, A. 10841
Uemachi, H. *see* Sotomura, T. 48061
Uematsu, H., Mori, H. Identification of harmonic loads using the diffusion learning 24735
Uematsu, H. *see* Kusunoki, T. 25172
Uematsu, H. *see* Matsunaga, H. 14031
Uematsu, H. *see* Takeuchi, Y. 32590
Uematsu, T. *see* Mishima, Y. 19534
Uematsu, Y. *see* Yamabayashi, Y. 6066
Uemoto, T. *see* Uddin, A. 10718
Uemura, A. *see* Yasui, T. 45730
Uemura, S., Arimitsu, M., Chikaraishi, H., Shimada, R. Active power filter using solid state phase shifter 16837
Uemura, S., Arimitsu, M., Chikaraishi, H., Shimada, R. Power pulsation control of induction motor by solid state phase shifter 16846
Uemura, S. *see* Chikaraishi, H. 24785
Uenishi, A., Kondo, H. Simulation technology for power devices 34876
Uenishi, H. *see* Okuyama, K. 2871
Uenishi, Y. *see* Ukita, H. 20581
Ueno, A. *see* Aizawa, M. 17378
Ueno, F., Inoue, T., Sasaki, M., Taniguchi, K., Yamashita, T. A current-mode multivalued logic circuit based on by Bi-CMOS transistors 1212
Ueno, F. *see* Inoue, T. 1346
Ueno, F. *see* Qinyun Pan 26730
Ueno, F. *see* Sasaki, H. 18898
Ueno, F. *see* Sasaki, H. 42101
Ueno, F. *see* Sasaki, M. 1249
Ueno, F. *see* Sugitani, K. 1280
Ueno, H. *see* Nagai, K. 38362
Ueno, I., Itoh, S., Utsunomiya, T. Adaptive predictive coding of still images using neural networks 13490
Ueno, I. *see* Inoue, K. 17559
Ueno, K. *see* Abe, H. 9616
Ueno, S., Iramina, K., Yoshida, H. Source analysis and measurement of MEG activity during sleep 39038
Ueno, S. *see* Nagai, K. 38362
Ueno, S. *see* Sakuma, H. 10587
Ueno, S. *see* Tsunemi, H. 7234
Ueno, S. *see* Yunokuchi, K. 15891
Ueno, T., Nakazawa, T., Nakano, H., Sato, T., Shimba, M. Frequency stabilization of a semiconductor laser using the Faraday effect of the saturated absorption spectroscopy signal of Rb atoms 35780
Ueno, T., Rikukawa, H., Nakazawa, T., Sato, T., Shimba, M. Use of the Faraday effect for frequency stabilization and control of a semiconductor laser 12240
Ueno, T., Takeuchi, N., Yoshida, H., Yamada, H., Takahama, A. Pseudo-random modulation CW lidar with improved spatial resolution 46101
Ueno, T. *see* Hattori, T. 11031
Ueno, T. *see* Hattori, T. 11059
Ueno, T. *see* Morimoto, S. 17451
Ueno, T. *see* Nakazawa, T. 12244
Ueno, T. *see* Sakamizu, T. 27962
Ueno, T. *see* Sato, T. 3651
Ueno, Y., Fujii, H., Sawano, H., Kobayashi, K., Hara, K., Gomyo, A., Endo, K. 30-mW 690-nm high-power strained-quantum-well AlGaInP laser 12173
Ueno, Y. *see* Endo, K. 20858
Ueno, Y. *see* Kakehata, M. 35695
Ueno, Y. *see* Taguchi, T. 18155
Uenohara, H., Kawamura, Y., Iwamura, H., Nonaka, K., Tsuda, H., Kurokawa, T. Operation characteristics of a side-light-injection multiple-quantum-well bistable laser for all-optical switching 43863
Uenohara, H. *see* Tsuda, H. 12217
Uenohara, M. Quarter century of microelectronics in Japan 43068
Uenosono, C. *see* Ino, T. 39598
Uenosono, C. *see* Ino, T. 39599
Uenoya, T. *see* Tomita, S. 5994
Uenoyama, T., Kashimura, M., Ozawa, S. Evaluation of correspondence between sensitive information and physical parameters on drums timbre 29725
Uenoyama, T. *see* Ikeuchi, T. 45641
Ueoka, T. *see* Tsujino, J. 16088
Ueoka, T. *see* Tsujino, J. 17633
Uesaka, M. *see* Kozawa, T. 27878
Uesaka, M. *see* Nishimura, E. 43974
Uesaka, M. *see* Takeda, N. 11516
Uesaka, T. *see* Okamura, H. 31623
Uesaka, Y. *see* Kodama, N. 2802
Uesaka, Y. *see* Kodama, N. 20147
Uesaka, Y. *see* Kodama, N. 43303
Uesaka, Y. *see* Yoshida, K. 28383
Uesugi, K., Yoshimura, M., Yao, T., Sato, T., Sueyoshi, T., Iwatsuki, M. STM observation of solid phase epitaxy processes of Ar-sputtered Si(100) surfaces 33666
Uesugi, K. *see* Konishi, T. 2096
Uesugi, M. *see* Matsuda, S. 40495
Uesugi, T. *see* Ueyama, T. 5819
Ueta, T., Kawakami, H. Bifurcation of heteroclinic orbits in a circuit containing a Josephson junction element 26650
Uetake, A. *see* Shinkawa, O. 17448
Uetani, Y. *see* Hanawa, R. 11067
Ueto, Y. *see* Suzuki, S. 32723
Ueunten, P. A head actuator driver IC for hard-disk drives 33874
Ueyama, A. *see* Kumada, T. 11048
Ueyama, M., Ohkura, K., Shibuta, N., Mukai, H., Hikata, T., Kato, T., Fujikami, J., Muranaka, K., Sato, K. The properties of silver-sheathed bismuth superconducting wire and their application 35295
Ueyama, M. *see* Ohkura, K. 20219
Ueyama, T., Fukuda, T., Arai, F., Kawauchi, Y., Katou, Y., Matsumura, S., Uesugi, T. Communication architecture for cellular robotic system 5819
Ueyama, Y., Ludwig, C. Joint customer development process and its impact on software quality 45707
Uezasto, K., Senjyu, T., Gouda, K. Improvement of transient stability of synchronous motors by using nonlinear states feedback control of field voltage 47858
Uezato, K., Senjyu, T., Honbu, A., Tomori, Y. Analysis and suppression control of hunting for variable speed drive of synchronous motor 25395
Uezato, K., Senjyu, T., Kamifurutono, H. Robust current control method of voltage source PWM inverter 47971
Uezato, K., Senjyu, T., Machida, M. Investigation of solar radiation energy in Okinawa islands 25102
Uezato, K., Senjyu, T., Nakahama, S. Analysis of stability and suppression control of rotor oscillation of stepping motor by Lyapunov method 47911
Uezato, K., Senjyu, T., Shiroma, T. SVC control method to improve the stability of power systems applying fuzzy control 47392
Uezato, K., Senjyu, T., Tomori, Y. Vector control of a reluctance motor including iron loss 16801
Uezato, K., Senjyu, T., Tomori, Y. Vector control of a synchronous reluctance motor including iron loss 16810
Uezato, K. *see* Senjyu, T. 8314
Uezato, K. *see* Senjyu, T. 8647
Uezato, K. *see* Senjyu, T. 16175
Uezato, K. *see* Senjyu, T. 16799

Uezato, K. *see* Senjyu, T. 16907
Uezato, K. *see* Senjyu, T. 24750
Uezato, K. *see* Senjyu, T. 25269
Uezato, K. *see* Senjyu, T. 25460
Uezato, K. *see* Senjyu, T. 25469
Uezato, K. *see* Senjyu, T. 25473
Uezato, K. *see* Senjyu, T. 25696
Uezato, K. *see* Senjyu, T. 40125
Ufert, K.-D. *see* Bauer, J. 33065
Ufert, K.-D. *see* van den Berg, R. 17390
Uffmann, D., Zaage, S. Limits of $Si/CoSi_2/Si$ heterotransistors at high frequencies: measurement and estimation 10468
Ugai, M. *see* Shimizu, T. 12519
Ugajin, M., Ghy-Boong Hong, Fossum, J.G. Inverse base-width modulation and collector space-charge-region widening: degrading effects at high current densities in highly scaled BJT's (and HBT's) 42874
Ugajin, M., Kunii, Y., Kuwagaki, M., Konaka, S. SiGe drift base bipolar technology using $Si-GeH_4$ MBE for sub-40 GHz f_{MAX} operation 11295
Ugajin, M. *see* Konaka, S. 35065
Ugarte, A. *see* Flores, B.C. 23087
Ugarte, A. *see* Flores, B.C. 23088
Ugarte, R. *see* Trujillo, H. 14943
Ugawa, K. *see* Tsuchida, K. 40578
Ugedo, E. Principles of digital oscilloscopes and waveform digitizers 23781
Ugedo, E. The principles of digital oscilloscopes and waveform digitizers. 2 23782
Ugglas, M.af *see* af Ugglas, M.
Ugletveit, F. *see* Aaltonen, H. 38838
Uglov, A.A. *see* Abdullin, I.S. 27675
Ugolini, D.J., Tawney, R.K., Narula, R.G. Dry low NO_x—a technology of choice for combined cycle plants 8217
Ugowski, H. Existence conditions for convolution inverses of real finite sequences 4352
Ugrelidze, N.A. *see* Beridze, D.L. 12922
Ugursal, V.I. *see* Ma, B. 8999
Uhde, H. Evolving into the future with TMN [telecommunications management network] 37293
Uher, J., Bornemann, J., Rosenberg, U. Waveguide components for antenna feed systems: theory and CAD 17756
Uher, J. *see* Alessandri, F. 1459
Uhl, D. *see* Ramos, J. 28410
Uhl, G.L. *see* Denike, A.C. 8178
Uhl, T., Ulmer, J. Animated simulations of media access protocols in local area networks 45324
Uhl, V. *see* de With, A. 12498
Uhlenbusch, J. *see* Bielesch, U. 11944
Uhler, R. Current source inverter fed induction motor drive with capacitive filter and load commutated inverter 48161
Uhler, S.A. PhoneStation, moving the telephone onto the virtual desktop 22467
Uhlig, D. *see* Amor, H. 30992
Uhlin, T. *see* Pahlavan, K. 30039
Uhling, T.F., Sterner, J.R. A rugged 2.5-GHz active oscilloscope probe 38597
Uhling, T.F., Sterner, J.R. Active to over 2.5 GHz [oscilloscopes] 46540
Uhlir, K.W. *see* Gabriel, C.M. 32994
Uhlmann, D.R. *see* Lee, S.C. 43179
Uhlmann, D.R. *see* Teowee, G. 28340
Uhm, H.S. Resistive-wall klystron 10627
Uhm, H.S. Nonlinear mode evolution of current modulation in relativistic klystron amplifiers 19301
Uhm, H.S., Park, G.S., Armstrong, C.M. Study of cavity excitation by modulation electron beam in connection with application to klystron amplifiers 19302
Uhn-Oh Lee, Lee, J., Bobe, B. Technological cooperation between European and Korean small firms: the patterns and success factors of contracts 9171
Uhrich, C., Hesselink, L. Submicrometer defect detection in periodic structures by photorefractive holography: system design and performance 36067
Uhrich, P. *see* Kirchner, D. 6291
UHrig, A. *see* Langbein, W. 3844
Uhrig, R.E. *see* Alguindigue, I.E. 32616
Uhrig, R.E. *see* Eryurek, E. 32609
Uhrig, R.E. *see* Ikonomopoulos, A. 16530
Uike, M., Uchiyama, T., Minamitani, H. Linear prediction modeling with singular value decomposition for magnetic resonance image reconstruction 15824
Uimanov, I.V. *see* Barengolts, S.A. 35301
Uimanov, I.V. *see* Barengol'ts, S.A. 43372
Ujda, Z. *see* Pokora, L. 3440
Uji, H. *see* Yoshida, N. 10913
Uji, S. *see* Athas, G.J. 10015
Uji, T. *see* Okuda, T. 35888
Uji, T. *see* Yamada, H. 12139
Uji, T. *see* Yamada, H. 28879
Ujifuku, S., Nomura, Y., Fujii, S. Image data matching for affine transformed pictures — reduction of calculation 13591
Ujihara, K., Osuge, M., Takaku, M. Rate equation analysis of a pulsed microcavity laser 20932
Ujihara, S. *see* Naemura, M. 6255
Ujihira, Y. *see* Kametani, H. 10764
Ujihira, Y. *see* Uedono, A. 10815
Ujihira, Y. *see* Uedono, A. 19471
Ujiie, M., Kubota, K., Seki, Y., Kashara, K., Nuri, S., Satoh, M. Document filing systems conforming to international standards 45551
Ujiie, N., Ikeda, H., Unno, Y. A time-extended optical readout transmission scheme to a high-density detector system 46978
Ujiie, N., Ikeda, H., Unno, Y. A new concept of multiplexed optical readout transmission system to HEP experiment 46986
Ujiie, N. *see* Ohsugi, T. 46838
Ujiie, N. *see* Ohsugi, T. 46839
Ujita, S. *see* Takata, T. 21611
Uk Lee Sang *see* Sang Uk Lee
Uk-Youl Huh *see* Bongkuk Lee 8986
Ukachi, T., Aoyama, A., Naito, Y., Igarashi, K. The effect of drawing rate on mechanical properties of UV curable polyurethane acrylate coating for optical fiber 2977
Ukawa, Y. *see* Nose, T. 15134
Ukhanov, M.N. *see* Gorodnichev, V.B. 46954
Ukigaya, F. *see* Murata, N. 46199
Ukikusa, H. *see* Ida, M. 7122
Ukita, H., Akuto, K., Higurashi, E. Essential technologies for mechaphotonics 11889
Ukita, H., Katagiri, Y. Optimum reflectivity design of laser diode facets and recording medium for an integrated flying optical head 20264
Ukita, H., Uenishi, Y., Tanaka, H., Itao, K. Some characteristics of a micro-mechanical resonator integrated with laser diodes by AlGaAs/GaAs micromachining 20581
Ukita, M., Murakami, S., Yamagata, T., Kuriyama, H., Nishimura, Y., Anami, K. A single-bit-line cross-point cell activation (SCPA) architecture for ultra-low-power SRAM's 26922
Ukita, M., Murakami, S., Yamagata, T., Kuriyama, H., Nishimura, Y., Anami, K. A single bitline cross-point cell activation (SCPA) architecture for ultra low power SRAMs 34049
Ukita, N. *see* Deguchi, H. 30941
Ukolov, A.T. *see* Gorev, N.B. 1874
Ula, S. *see* Chowdhury, B.H. 32794
Ulaby, F.T., Siqueira, P., Sarabandi, K. A hybrid electromagnetic-statistical approach for characterizing MMW scattering by terrain 46095
Ulaby, F.T. *see* De Roo, R.D. 44332
Ulaby, F.T. *see* Sarabandi, K. 46074
Ulaby, F.T. *see* Stiles, J.M. 32114
Ulander, L.M.H. *see* Carlstrom, A. 24502
Ulanov, I.M. *see* Kogan, V.A. 25847
Ulbrich, C.W. *see* Chilson, P.B. 39376
Ulbrich, E., Walters, C. Controls and displays for Douglas Aircraft for the 1990s 39184
Ulbricht, A. *see* Irmisch, M. 2710
Ulbricht, M. *see* Hakim, F.J. 22949
Ulenaers, M.J.E. *see* van Glabbeek, J.J. 28324
Uler, F.G., Mohammed, O.A. An efficient 3-D finite element mesh generator for electromagnetic analysis in complex volumes 41203
Uler, F.G. *see* Mohammed, O.A. 16772
Uler, F.G. *see* Mohammed, O.A. 42107
Uler, F.G. *see* Mohammed, O.A. 44258
Uliana, M. *see* Andreucci, F. 24514
Uliana, M. *see* Camporeale, C. 16005
Uliana, P.B. *see* Albertazzi, A., Jr. 29875
Uliano, K. *see* Rinalducci, E.J. 24397
Ulichney, R. The void-and-cluster method for dither array generation 29759
Ulichney, R. Bresenham-style scaling [of images] 36948
Ulichney, R. *see* Neidecker-Lutz, B.K. 4796
Ullaland, O. *see* Adam, W. 7259
Ullaland, O. *see* Adam, W. 31715
Ullaland, O. *see* Adam, W. 46929
Ullate, L.G. *see* Fritsch, C. 7657
Ullio, M. *see* Girardi, G. 14252
Ullio, M. *see* Girardi, G. 22659
Ullmann, H. *see* Molle, P. 20010
Ullmann, J.R. Edge replacement in the recognition of occluded objects 22049
Ullrich, F.R. *see* Balewski, K. 46775
Ullrich, M. *see* Witte, F.-O. 1255
Ullrich, Th. *see* Baur, R. 46897
Ullrich, T.S. *see* Baur, R. 46911
Ullucci, P. *see* Ranucci, G. 24062
Ulm, G. *see* Arnold, D. 38856
Ulm, G. *see* Burkmann, K. 15463
Ulm, G. *see* Gaines, D.P. 27822
Ulm, G. *see* Scholze, F. 38857
Ulm, G. *see* Stock, M. 23921
Ulman, M. *see* Ramaswamy, M. 12078
Ulmer, F. *see* Singer, M.F. 9474
Ulmer, J. *see* Uhl, T. 45324
Ulrich, A., Busch, B., Krotz, W., Ribitzki, G., Wieser, J. Heavy-ion beam pumping as a model for nuclear-pumped lasers 20591
Ulrich, A., Busch, B., Krotz, W., Ribitzki, G., Wieser, J., Korner, H.-J. Short wavelength lasers pumped by heavy ion beams 20602
Ulrich, A., Konig, H. Test derivation from LOTOS using structure information 30237
Ulrich, A., Wieser, J., Brunnhuber, A., Krotz, W. Heavy ion beam pumped visible laser 43726
Ulrich, A. *see* Wieser, J. 20644
Ulrich, E.G. *see* Razdan, R. 18577
Ulrich, R., Rajan, S. Immersion cooling of wirebonded chips in liquid nitrogen for superconducting MCM's 356
Ulrich, R. *see* Stolte, R. 3531
Ulrichs, C., Eickhoff, T., Wagner, H. Transient response of the photocurrent in a-Si:H layers and solar cells 33068
Ulukus, S. *see* Cetin, A.E. 37016
Ulumbekov, R.F. *see* Alekseev, I.N. 46922
Uluyol, O., Ragheb, M. Temporal neural network for the identification of nuclear power plant transients 32617
Ul'yanov, A.I. *see* Chulkova, A.A. 41528
Ulyanov, A.V. *see* Fatyanov, O.V. 29117
Ul'yanov, I.A. *see* Baiborodin, Yu.V. 15050
Ulyashin, A.G., Gelfand, R.B., Shlopak, N.V., Zaitsev, A.M., Denisenko, A.V., Melnikov, A.A. Passivation of boron acceptor in diamond by atomic hydrogen: molecular-orbital linear-combination-of-atomic-orbitals simulation and experimental data 34503
Uma, R. *see* Subbarao, D. 44126
Umadevi, P., Nagendra, C.L., Thutupalli, G.K.M. Structural, electrical and infrared optical properties of vanadium pentoxide (V_2O_5) thick-film thermistors 10591
Umamaheswari, B., Sambandan, A., Satishkumar, Y.V. Decentralized control of a two-area power system 24732
Uman, M.A. *see* Villanueva, Y. 36289
Umanskij, I.G. *see* Kvashonkin, I.A. 9975
Umapathy, C.N. *see* Marar, T.M.K. 47018
Umar Riaz *see* Gordon, R.G. 863
Umarov, F.B. *see* Abdushukurov, D.A. 38843
Umashankar, K., Taflove, A. Computational electromagnetics 17658
Umbach, A. *see* Trommer, D. 20571
Umbach, E. *see* Bauerle, P. 26528
Umbach, E. *see* Geiger, F. 43662
Umberto Minoni, Franco Docchio, Faglia, R., Legnani, G., Magnani, P.L. An optical setup for assembly robot characterization 36092
Ume, C. *see* Chao-Pin Yeh 42292
Umeda, H., Hotta, K., Morita, Y., Omata, S. Application of new tactile sensor for detecting hardness in factory automation 46377
Umeda, H., Tanabe, H., Hirobe, T. On the state transition matrix for multi-dimensional traffic 13876
Umeda, M. *see* Arai, K. 2882
Umeda, T., Tuji, H. High reliable sealed automatic earthing device 25047
Umeda, T. *see* Ohke, S. 12690
Umeda, Y. *see* Enoki, T. 43009
Umegaki, S. *see* Kotera, M. 28057
Umehara, T., Watanabe, I., Muraoka, H., Nakamura, Y. Recording characteristics of single pole head made of Fe-Si-N main-poles 20145
Umehara, T. *see* Takedomi, S. 25467
Umemoto, D.K. *see* Kobayashi, K.W. 1592
Umemoto, D.K. *see* Kobayashi, K.W. 10501
Umemoto, M. Trend of image recording equipments: digital VTR; signal processing techniques for high-density recording 31038
Umemoto, M. *see* Hirosawa, S. 11462
Umemoto, T., Hiruta, T., Yasuoka, T., Igarashi, K., Aoki, A. Development of low-frequency radio controlled watch 23276
Umemoto, Y. *see* Matsumoto, H. 19831
Umemura, K. *see* Ono, M. 48226
Umemura, K. *see* Umemura, S. 15897
Umemura, S., Kawabata, K., Yumita, N., Nishigaki, R., Umemura, K. Sonodynamic approach to tumor treatment 15897
Umemura, S.-i. *see* Kawabata, K.-i. 15716
Umemura, T. *see* Abe, K. 43208
Umeno, M. *see* Egawa, T. 12212
Umeno, M. *see* Egawa, T. 35860
Umeno, M. *see* Egawa, T. 43927
Umeno, M. *see* Soga, T. 705
Umeno, M. *see* Soga, T. 9712
Umeno, M. *see* Yang, M. 46427
Umeno, M. *see* Yuasa, T. 3167
Umeno, M. *see* Yuasa, T. 11775
Umesh, G., Ganesh, M. Evaluation of HV rotating insulation system—multistress ageing technique approach 16796
Umesh, S. *see* Tufts, D.W. 44878
Umetani, K., Ueda, K., Takeda, T., Itai, Y., Akisada, M., Nakajima, T. Iodine filter imaging system for subtraction angiography using synchrotron radiation 7385
Umetani, Y. *see* Kado, H. 2615
Umezawa, T. *see* Wakiwaka, H. 44271
Umezu, M. *see* Hisanaga, K. 14346
Umezu, M. *see* Kikkawa, H. 14347
Umi, G., Nagai, K., Tokushige, T. Single chip microcontroller MSM65X227 with built-in 4 kByte E^2PROM 34093
Umiastowski, K. *see* Gal, O. 7059
Umino, K.K. *see* Eckhardt, J.P. 10172
Umino, S. *see* Nishiata, K. 30327
Umlauf, E. *see* Buhler, M. 24004
Umlauf, E. *see* Fausch, T. 24005
Umoto, J. *see* Hayanose, N. 25317
Umoto, J. *see* Inoue, I. 25715
Umoto, J. *see* Inui, Y. 25710
Umoto, J. *see* Inui, Y. 25826
Umoto, J. *see* Inui, Y. 25837

Umoto, J. *see* Ishikawa, M. 17409
Umoto, J. *see* Ishikawa, M. 25296
Umoto, J. *see* Ishikawa, M. 25318
Umoto, J. *see* Ishikawa, M. 25367
Umoto, J. *see* Ishikawa, M. 25719
Umoto, J. *see* Ishikawa, M. 25737
Umoto, J. *see* Matsuo, T. 25709
Umoto, J. *see* Matsuo, T. 25780
Umstattd, R. Assay quadrature modulators for PCS applications 1109
Umstattd, R. Assay quadrature modulators for PCS applications 22796
Un, C.K. *see* Chung, W.S. 37141
Un, C.K. *see* Jung, Y.C. 37558
Un, C.K. *see* Kim, D.S. 14634
Un, C.K. *see* Kim, J.W. 21434
Un, C.K. *see* Lee, J.H. 5230
Un, C.K. *see* Lee, J.Y. 5193
Un Chong Kwan *see* Chong Kwan Un
Un-Ku Moon, Bang-Sup Song Design of a low-distortion 22-kHz fifth-order Bessel filter 42043
Unal, G. Liquid argon accordion calorimeter for ATLAS 31756
Unal, R., Stanley, D.O., Joyner, C.R. Propulsion system design optimization using the Taguchi method 7563
Unami, Y., Sakurai, K., Yamada, T., Kuwaki, N., Yumoto, M. Wide dynamic range optical talk system using external loss modulation 6004
Unbehauen, R. *see* Feng, Z. 10315
Unbehauen, R. *see* Hagel, R. 44236
Unbehauen, R. *see* Lin, J.-N. 17982
Unbehauen, R. *see* Lin, J.-N. 18888
Unbehauen, R. *see* Lin, J.N. 13634
Unbehauen, R. *see* Nie, X. 10313
Unbehauen, R. *see* Nie, X. 21815
Undeland, T.M. *see* Hernes, M. 48313
Underhill, M.J. The magic of marginal electronics 17980
Underwood, C.I. *see* Harboe-Sorensen, R. 39253
Underwood, D.G. Some fiber-tile optical studies for SDC electromagnetic calorimeter 24022
Underwood, D.G. The electromagnetic calorimeter for the STAR experiment at RHIC 31695
Underwood, D.G. *see* Huang, H. 7044
Underwood, I. *see* Gourlay, J. 3210
Underwood, I. *see* O'Hara, A. 3185
Underwood, I. *see* O'Hara, A. 43509
Underwood, J.H., Gullikson, E.M., Nguyen, K. Tarnishing of Mo/Si multilayer x-ray mirrors 28583
Underwood, M.L. *see* Vining, C.B. 17411
Unewisse, M.H., Iordanescu, D.I., Brocklesby, A., Bentley, K.S., Storey, J.W.V. A general control system for imaging arrays 46509
Unger, B. *see* Schade, U. 19510
Unger, B.W., Goetz, D.J., Maryka, S.W. Simulation of SS7 common channel signaling 37340
Unger, H. *see* Petersohn, U. 29684
Unger, J. Integrating standard software into an existing CAQ system. Correct and uniform evaluations on all computer levels 9334
Unger, P., Beogli, V., Buchmann, P., Germann, R. Fabrication of curved mirrors for visible semiconductor lasers using electron-beam lithography and chemically assisted ion-beam etching 28934
Unger, P., Boegli, V., Buchmann, P., Germann, R. High-resolution electron-beam lithography for fabricating visible semiconductor lasers with curved mirrors and integrated holograms 35778
Unger, P., Bona, G.-L., Germann, R., Roentgen, P., Webb, D.J. Low-threshold strained GaInP quantum-well ridge lasers with AlGaAs cladding layers 12178
Unger, P. *see* Bona, G.-L. 28863
Unger, P. *see* Shedd, G.M. 1819
Unger, W. *see* Krause, S. 6621
Unger-Weber, F. Three-phase drives in field test [traction vehicles] 25887
Unger-Weber, F. *see* Anders, S. 8698
Union, P. *see* Muys, P.F. 28930
Unipress *see* Suski, T. 42503
Unlu, K. *see* Kim, J.-Y. 23965
Unluturk, M. *see* Saniie, J. 9820
Unnikrishna Pillai, S., Shim, T.I. Stable pole extraction from scattering data 44320
Unnikrishnan, N.T. Application of GPS technology in GIS 23246
Unnikrishnan, S., Anderson, N.G. Quantum-well lasers for direct solar photopumping 12237
Unno, Y. Polarization effect of illumination light 2376
Unno, Y. The SDC silicon tracking system 46848
Unno, Y. *see* Barberis, E. 46846
Unno, Y. *see* Leslie, J. 7255
Unno, Y. *see* Ohsugi, T. 46838
Unno, Y. *see* Ohsugi, T. 46839
Unno, Y. *see* Tamura, N. 46889
Unno, Y. *see* Ujiie, N. 46978
Unno, Y. *see* Ujiie, N. 46986
Uno, M. *see* Yokote, H. 38636
Uno, S. Tracking system for KEK B-Factory 7174
Uno, T., Mikami, A., Adachi, S., Mashiko, T. Theoretical and experimental studies on transient scattering of dipole field from a conducting cylinder buried in a lossy half-space 4088
Uno, T. *see* Adachi, S. 23113
Uno, T. *see* Chen, L. 29346
Uno, T. *see* He, Y. 29158
Uno, T. *see* Maeshima, O. 23152
Uno, T. *see* Shintaku, T. 11709
Uno, T. *see* Wakabayashi, T. 38426
Uno, Y. *see* Kasuya, Y. 17857
Unosawa, S. *see* Sanada, T. 6091
Unruh, W. *see* Griscom, D.L. 43425
Unseld, H. *see* Meier, D. 8203
Unser, K.B. *see* Schutte, W. 15349
Unser, M. An extension of the Karhunen-Loeve transform for wavelets and perfect reconstruction filterbanks 21828
Unser, M. On the optimality of ideal filters for pyramid and wavelet signal approximation 44986
Unser, M., Aldroubi, A. Spline multiresolutions and wavelet transforms 13354
Unser, M., Aldroubi, A., Gerfen, C.R. A multiresolution image registration procedure using spline pyramids 22109
Unser, M., Eden, M. FIR approximations of inverse filters and perfect reconstruction filter banks 42059
Unser, M. *see* Aldroubi, A. 21826
Unser, M. *see* Aldroubi, A. 36752
Unsworth, J. *see* Li, Y. 43213
Unsworth, M. Exploration of mid-ocean ridges with a frequency-domain electromagnetic system 32079
Unter, T. *see* Adnet, L. 22421
Unterborsch, G. *see* Trommer, D. 20571
Unterbusch, K. *see* Elineau, G. 14789
Unterla, F. *see* Pereira, M. 32385
Unternahrer, J.R. *see* Lotshaw, W.T. 20724
Unternahrer, J.R. *see* Lotshaw, W.T. 20980
Unterrainer, K. Tuneable FIR cyclotron resonance laser in p-Ge: new aspects of the influence of the bandstructure 20850
Unterrainer, K. *see* Kremser, C. 20778
Unterreiter, A. *see* Schmeiser, C. 2420
Unterricker, R. A heat generation model for bipolar semiconductors 42824
Unterwald, F.C. *see* Eaglesham, D.J. 18200
Unterwald, F.C. *see* Fitzgerald, E.A. 42459
Unterwald, F.C. *see* Gossmann, H.-J. 19507
Unterwald, F.C. *see* Gossmann, H.-J. 19529
Unterweger, M.P., Hutchinson, J.M.R., Hodge, P.A. Measurement and calibration of large-area alpha-particle sources at NIST 38840
Unterweger, M.P. *see* Coursey, B.M. 38854
Unum, M.R. *see* Lu, C.-N. 24706
Unwin, D.J., Langford, M. The life and death of LIPS: some lessons from the design and use of courseware for teaching digital image processing 13837
Unwin, R.T. *see* Cryan, R.A. 23001
Unwin, R.T. *see* Greaves, S.D. 1619
Unwin, R.T. *see* Greaves, S.D. 19904
Unwin, R.T. *see* Greaves, S.D. 30784
Unwin, R.T. *see* Greaves, S.D. 30790
Uomi, K., Aoki, M., Tsuchiya, T., Takai, A. High-speed 1.55 μm InGaAs/lnGaAsP multiquantum well $\lambda/4$-shifted DFB lasers 20775
Uomi, K. *see* Aoki, M. 11885
Uomi, K. *see* Oishi, A. 38123
Uomi, K. *see* Tsuchiya, T. 9517
Uomori, K. *see* Yamada, M. 31005
Uose, H. *see* Shioda, S. 45433
Uozumi, J. *see* Widjaja, J. 4950
Uozumi, Y. *see* Rashid, M.M. 24098
Upadhyay, P.K. *see* Gadre, D.V. 45610
Upadhyay, S.K., Agrawal, R., Singh, U. Bayes prediction results for the inverse Gaussian distribution utilizing guess values of parameters 26250
Upadhyay, S.K. *see* Singh, U. 9398
Upadhyay, T.N. *see* Galdos, J.I. 46131
Upadhyaya, B.R. *see* Eryurek, E. 32609
Upadhyaya, N. *see* Marar, T.M.K. 47018
Upadhyaya, S. *see* Spina, R. 17828
Uplane, M.D. *see* Bhosale, C.H. 42599
Uppal, P.N. *see* Svensson, S.P. 42457
Uppuluri, M.T. *see* Tewksbury, S.K. 40930
Upshur, J.I., Goettle, P.E., Geller, B.D., Gupta, R.K., Phelleps, F. A fully monolithic broadband power amplifier for *Ku*-band communications satellite applications 19105
Uptmoor, G. *see* Sulz, G. 6642
Upton, A.R.M. *see* Kamath, M.V. 39099
Upton, M., Huff, T., Sherhart, P., Barker, P., McVay, R., Stanley, T., Brown, R., Lomax, R., Mudge, T., Sakallah, K. A 160000 transistor GaAs microprocessor 27003
Upton, M. *see* Brown, R.B. 11322
Upton, M.E.G., Marvin, A.C. The fields due to a small loaded loop in free space 36402
Ur, H. *see* Gold, D. 10335
Ura, K. *see* Takaoka, A. 31500
Ura, N. *see* Shirai, T. 6465
Ura, S., Kimura, T., Suhara, T., Nishihara, H. An integrated-optic device using electrooptic polymer waveguide on Si substrate for modulating focus spot intensity distribution 43524
Ura, S., Shinohara, M., Suhara, T., Nishihara, H. Integrated-optic grating-scale-displacement sensor using linearly focusing grating couplers 43501
Ura, S., Suhara, T., Nishihara, H. Modified Duc de Chaulnes' method for measurement of mode indexes of semiconductor slab waveguides 46654
Urabe, T. Long period and heavily decorated torsional pendulum using stepmotor 40271
Uraguchi, M. *see* Ranade, S.J. 32230
Urahama, K. Figure-ground segregation using resistive fuse circuits 29793
Urahama, K. Analog method for solving combinatorial optimization problems 33500
Urahama, K. *see* Yamamoto, K. 26288
Urai, H. *see* Liu, Y. 7316
Urai, H. *see* Okumura, T. 20146
Urakawa, J., Oide, K. *(editors)* International Workshop on Emittance Preservation in Linear Colliders, Emittance 93 (KEK Proc. 93-13) 17680
Urakawa, Y. *see* Suzuki, A. 10173
Urakawa, Y. *see* Uchiyama, H. 11494
Ural, H., Zhu, K. Optimal length test sequence generation using distinguishing sequences 5237
Ural, H. *see* Chen, W.-H. 5239
Ural, H. *see* Rodrigues, M. 41748
Uram, K.J., Shugrue, J.K., O'Brien, E. The anisotropic deposition of doped silicate glass 18254
Uramoto, S.-I. *see* Takeda, J. 36780
Uraoka, Y., Miyanaga, I., Tsuji, K., Akiyama, S. Failure analysis of ULSI circuits using photon emission 33324
Uraoka, Y. *see* Eriguchi, K. 27721
Uraoka, Y. *see* Morii, T. 42950
Uraoka, Y. *see* Ohzone, T. 19878
Uraoka, Y. *see* Ohzone, T. 42982
Urata, Y. *see* Wada, S. 20682
Urata, Y. *see* Wada, S. 35986
Uratani, N., Ehara, T. Application technologies: speech processing and machine translation 44782
Urayama, K. *see* Asano, K. 46670
Urayama, M., Ise, T., Maruo, Y., Kishi, A., Imamoto, R., Takase, T. Silicon field emitter capable of low voltage emission 27409
Urayama, T. Review of metal halide lamps and their applications 48457
Urbach, H.P., Lepelaars, E.S.A.M. On the domain integral equation method for anisotropic inhomogeneous waveguides 36331
Urbach, P. *see* Sickmoller, M. 35571
Urbach, P. *see* Sickmoller, M. 46441
Urbain, J.-C. Technical and economical comparison of overhead lines and underground cables 47453
Urbakh, M., Daikhin, L. Roughness effect of the frequency of a quartz-crystal resonator in contact with a liquid 35198
Urban, G., Jobst, G., Keplinger, F., Aschauer, E., Fasching, R., Svasek, P. Miniaturized integrated biosensors 46525
Urban, H.-J. *see* Hamann, N. 7271
Urban, K. *see* Faley, M.I. 11533
Urban, M. *see* Silletti, A. 3400
Urban, W. *see* Bachem, E. 3445
Urbanczyk, M. *see* Jakubik, W. 16037
Urbanczyk, W., Bock, W.J. Visibility of white-light interference patterns for chain-of-coherence multiplexed sensors based on highly birefringent fibers 6556
Urbanczyk, W., Bock, W.J. Analysis of dispersion effects for white-light interferometric fiber-optic sensors 38533
Urbanczyk, W. *see* Bock, W.J. 11600
Urbanek, J., Piwko, R.J., Larsen, E.V., Damsky, B.L., Furumasu, B.C., Mittlestadt, W., Eden, J.D. Thyristor controlled series compensation prototype installation at the Slatt 500 kV substation 25605
Urbanek, J. *see* McDonald, D.J. 47997
Urbani, D. *see* Dreyfus, G. 4643
Urbanic, V.F., Maguire, M.A., Ramasubramanian, N. Dating the fractures in Darlington endplates from oxide thickness measurements 8080
Urbanke, R.L. *see* Hlawatsch, F. 44994
Urbano, A. *see* Capitanio, L. 39065
Urbansky, R. *see* Herzberger, A. 37250
Urbansky, R. *see* Klein, M.J. 5893
Urbanus, W.H., Best, R.W.B., Verhoeven, A.G.A., van der Wiel, M.J., Caplan, M., Bratman, V.L., Denisov, G.G., Varfolomeev, A.A. A 1 MW free electron maser for fusion applications 3408
Urbanus, W.H. *see* Tulupov, A.V. 43700
Urbina, C. *see* Cleland, A.N. 23581
Urbina, C. *see* Pothier, H. 35269
Urbina, J. *see* Balsley, B.B. 29178
Urea, D. *see* Ginley, D.S. 2864
Uren, M. *see* Patel, A. 28341
Uren, M.J. Low frequency noise in small MOS devices 2564
Uren, M.J., Tsai, M.-H., Muto, H., Ma, T.P. Comment on: 'Random telegraph signals arising from fast interface states in metal-SiO_2-Si transistors' 2517
Uren, M.J. *see* Cobden, D.H. 19877
Urena, J. *see* Espinosa, F. 28159
Urena, J. *see* Mazo, M. 40507
Urey, Z., Wake, D., Newson, D.J., Henning, I.D. Comparison of InGaAs transistors as optoelectronic mixers 2442
Urios, M. *see* Lage, M. 31412
Uritani, A. *see* Youyang Wu 46957
Urkowitz, H. *see* Allen, M.R. 23201
Urkowitz, H. *see* Bucci, N.J. 23193
Urli, N.B. *see* Ban, V.S. 35583
Urlin, V.D. *see* Pavlovskii, A.I. 28713

Urquhart, K. *see* Ford, J. 28546
Urquhart, R. New methodology for FPGA development 10060
Urrutikoetxea, A., Garcia-Heras, J.L., Gregory, J. Infrared sensor for suspended solids measurement in the activated sludge process 6495
Ursaki, V.V. *see* Pyshnaya, N.B. 42417
Urschel, R. *see* Beigang, R. 29008
Ursic, R., Denard, J.-C. Measuring the beam position in the ELETTRA linac 15449
Ursic, R. *see* Denard, J.-C. 7098
Ursin, C. *see* Weldingh, H. 24964
Urso, S. *see* De Filippo, E. 46876
Ursu, I. *see* Lupei, V. 28755
Urushidani, T. *see* Kimoto, T. 42847
Uruski, M. *see* Piekarski, M.S. 33518
Urusovskaya, A.A. *see* Artyushenko, V.G. 20317
Urwin, P. *see* Mattie-Sulieman, E. 47836
Ury, I. *see* Lau, K.Y. 11585
Uryvaev, V.E. *see* Voronov, V.I. 12022
Urzi, C. *see* Ferrero, A. 25411
Usachev, A.B. *see* Zhuravlev, S.V. 29175
Usai, P. *see* South, C.R. 4461
Usak, P., Kokavec, J., Chovanec, F., Krempasky, L., Gregor, B. Safety and protection of 8 T NbTi gyrotron magnet in persistent mode 2922
Usami, A., Nakai, T., Fujiwara, H., Ishigami, S., Wada, T., Matsuki, K., Takeuchi, T. Evaluation using a noncontact laser beam induced conductivity/current method for the silicon-on-insulator made by wafer bonding 10765
Usami, A., Natori, T., Ito, A., Ishigami, S., Tokuda, Y., Wada, T. Study of electrical properties of defects in SOI films by wafer bonding 10767
Usami, A. *see* Ichimura, M. 33638
Usami, A. *see* Shiraki, H. 34731
Usami, A. *see* Sugiura, S. 14786
Usami, A. *see* Tokuda, Y. 1847
Usami, K., Matsui, S., Chan Hun Park, Moriya, M., Kobayashi, T., Goto, T. Fabrication of Nb-based Josephson junctions using low energy ion beam cleaning 28408
Usami, K. *see* Kawabata, A. 2896
Usami, K. *see* Mitsuda, K. 48100
Usami, N., Mine, T., Fukatsu, S., Shiraki, Y. Realization of crescent-shaped SiGe quantum wire structures on a V-groove patterned Si substrate by gas-source Si molecular beam epitaxy 9514
Usami, N., Mine, T., Fukatsu, S., Shiraki, Y. Optical anisotropy in wire-geometry SiGe layers grown by gas-source selective epitaxial growth technique 41265
Usami, N., Mine, T., Fukatsu, S., Shiraki, Y. Fabrication of SiGe/Si quantum wire structures on a V-groove patterned Si substrate by gas-source Si molecular beam epitaxy 41342
Usami, N. *see* Fujita, K. 690
Usami, N. *see* Fukatsu, S. 41363
Usami, N. *see* Kato, Y. 3357
Usami, N. *see* Kato, Y. 41366
Usami, T., Shimokawa, K., Yoshimaru, M. Low dielectric constant interlayer using fluorine-doped silicon oxide 42756
Usami, T. *see* Shiraki, Y. 19399
Usanov, D.A., Gorbatov, S.S., Semenov, A.A. Peculiarities of multifrequency generation in Gunn diodes 42834
Usanov, D.A., Skripal, A.V., Korotin, B.N., Orlov, V.E. Influence of a microwave heating field on the current-voltage characteristic of a tunnel diode 11128
Usanov, D.A., Tyazhkov, V.S., Skripal, A.V. Optical control of characteristics of amplifiers employing GaAs field-effect transistors with Schottky barrier 10447
Usanov, D.A. *see* Gorbatov, S.S. 10470
Usanov, D.A. *see* Krasovskii, S.V. 42193
Usanov, Yu. Ya. *see* Cherepenin, N.D. 11927
Usaola, J. *see* Mayordomo, J.G. 24747
Usategui, J.Angulo *see* Angulo Usategui, J.
Usategui, J.M.A., Funke, E.M. The microprocessor for AD 2000 1262
Usategui, J.M.A., Tajes, E., Garcia-Vallejo, F. A learning program for the design and simulation of analogue and digital configurations 17769
Uselton, S.P. Comments, with reply, on Delaunay triangulation using a uniform grid' by T.P. Fang and L.A. Piegl 18102
Usenko, A.Y. Turn off time/on-resistance trade-off control with electron irradiation as related to power switching BSITs 2591
Usenko, A.Y. A novel VLSI process using electron irradiation and laser annealing 11285
Ushakov, A.V. *see* Iskhakov, A.S. 9021
Ushakov, A.V. *see* Iskhakov, A.S. 16990
Ushakov, N.M. *see* Dvoryanikina, G.G. 28593
Ushakov, S.N. *see* Voron'ko, Yu.K. 28786
Ushakov, V.N. High-frequency acoustooptic orthogonal filters 28538
Ushakov, V.V. *see* Mesenzhnik, Ya.Z. 40600
Ushakova, A.N. *see* Sergeyenko, N.M. 25758
Ushaw, G., McLaughlin, S., Hughes, D.T., Mulgrew, B. A representation of sigma delta modulators as continuous systems for analysis of their effect on chaotic signals 36634
Ushaw, G., McLaughlin, S., Mulgrew, B. An analysis of sigma-delta modulators as continuous systems 42008
Ushaw, G. *see* Hughes, D.T. 36636
Usher, J., Ashman, R., Elwood-Smith, M., Lawrence, P., McDonald, C., McKay, R., Vernon, C. Telecom New Zealand's implementation of fibre in the loop pilot installations 38013
Usher, J. *see* Donachie, J. 38014
Usher, J.S. *see* Lin, D.K.J. 41023
Ushida, F. *see* Kobayashi, T. 37344
Ushida, H., Takagi, T., Yamaguchi, T. Facial expressions model construction based on associative memories and linguistic instructions learning 45109
Ushida, K., Hasegawa, U., Izumi, K., Murase, H., Kobayashi, A. Results of a partial discharge monitoring test in a full-scale GIS 48035
Ushida, Y. *see* Taniguchi, T. 34051
Ushihara, H. *see* Saka, Y. 38342
Ushijima, H. *see* Katsumata, M. 12624
Ushijima, H. *see* Katsumata, M. 21272
Ushijima, I. *see* Yonetani, H. 35840
Ushikoshi, T. *see* Ajioka, T. 34621
Ushiku, Y. *see* Saito, M. 34957
Ushio, Y., Miyayama, M., Yanagida, H. Effects of interface states on gas-sensing properties of a CuO/ZnO thin-film heterojunction 31338
Ushioda, J. *see* Iwabuchi, Y. 27852
Ushioda, S. *see* Murota, J. 9650
Ushirogouchi, T. *see* Nakase, M. 27939
Ushirokawa, A. *see* Maeda, S. 14424
Ushnurtsev, A.E. *see* Karpushin, Yu.V. 40388
Usinger, R. *see* Hertwig, M. 26542
Usisima, R. *see* Corkidi, G. 7392
Uskokovic, D. *see* Milosavljevic, Z. 885
Uskokovic, D. *see* Milosevic, O. 884
Uslenghi, P.L.E. Theory of certain bianisotropic waveguides 4241
Uslenghi, P.L.E. *see* Kawalko, S.F. 12580
Uslenghi, P.L.E. *see* Yang, H.-Y. 4231
Usman Ahmed, S., Handerek, V.A., Rogers, A.J. Characteristics and applications of birefringent-fiber Kerr-couplers 35360
Usmanov, P.N. *see* Abdurazakov, A.A. 38933
Usmanov, Sh. *see* Aronov, D.A. 3328
Usmanov, Sh.N. *see* Kabulov, R.R. 33034
Usmanov, Sh.N. *see* Yuabov, Yu.M. 33035
Usmanov, T. *see* Ametov, S.D. 28940
Usov, Yu.V. *see* Bes'chastnov, P.M. 46433
Uspensky, M.V. *see* Kustov, A.V. 39385
Uspleniev, G.V. *see* Doskolovich, L.L. 12288
Usta, O. *see* Redfern, M.A. 16445
Ustinov, A.V., Doderer, T., Vernik, I.V., Pedersen, N.F., Huebener, R.P., Oboznov, V.A. Experiments with solitons in annular Josephson junctions 2910
Ustinov, A.V. *see* Sorensen, M.P. 2909
Ustinov, S.M. *see* Maslennikov, V.A. 47390
Ustinov, V.M. *see* Vol, M.A. 16668
Ustinovskii, N.N. *see* Dudin, A.Yu. 3431
Ustinovskii, N.N. *see* Zayarnyi, D.A. 3724
Ustumi, K. *see* Inase, T. 2807
Ustyugov, V.I. *see* Viktorov, E.A. 3534
Usuda, S., Abe, H. Phoswich detectors for flow monitoring of actinide solutions with simultaneous α and $\beta(\gamma)$ counting 38868
Usuda, S., Abe, H., Mihara, A. Phoswich detectors combining doubly or triply ZnS(Ag), NE102A, BGO and/or NaI(Tl) scintillators for simultaneous counting of α, β and γ rays 38881
Usui, A. *see* Ahopelto, J. 26400
Usui, A. *see* Lezec, H.J. 27535
Usui, H. *see* Watanabe, T. 44110
Usui, M. *see* Yamashita, O. 23828
Usui, S. *see* Zhong-Qi Qiu 44813
Usui, T., Kawabata, T., Onozato, Y. Satellite constellations for a multiple LEO satellite network 22938
Usui, T. *see* Mori, S. 32227
Usui, Y. *see* Okazaki, T. 20312
Usuki, T. *see* Sato, F. 37876
Utaka, K. *see* Horita, M. 2018
Utaka, K. *see* Horita, M. 12168
Utama, P. *see* Fernando, S. 16429
Utani, K., Adachi, S. HF-treated (111), (110) and (100)Si surfaces studied by spectroscopic ellipsometry 2116
Utani, K. *see* Adachi, S. 10885
Utashiro, Y. *see* Hirata, N. 17942
Utes, M. *see* Angstadt, R. 15673
Utesch, B. *see* Persch, G. 28367
Utesch, B. *see* Persch, G. 41518
Utesch, B.S. *see* Lang, V.A. 23785
Utesch, M.C. *see* Schiele, W. 9886
Uteshev, A.S. *see* Smol'nikov, A.P. 33333
Uteza, O., Sentis, M., Delaporte, Ph., Forestier, B., Fontaine, B., Lopez, G.P. Laser beam quality of a high PRF XeCl laser 12304
Uteza, O. *see* Truong, J.P. 11995
Utkin, I.A. *see* Bystrimovich, S.A. 3792
Utkin, M.I. *see* Lisitsyn, V.P. 4332
Uto, S., Ihori, H., Fujii, M., Arii, K. Kerr effect for three-dimensional electric fields 15156
Utsuki, Y. *see* Nakano, M. 15236
Utsumi, A. *see* Makishi, Y. 31837
Utsumi, A. *see* Nakahara, H. 31838
Utsumi, A. *see* Okuno, S. 31839
Utsumi, A. *see* Watanabe, T. 31965
Utsumi, H. *see* Takamoto, M. 6429
Utsumi, H. *see* Tanabe, A. 31270
Utsumi, K. *see* Furusawa, S. 6090
Utsumi, K. *see* Ogawa, K. 28428
Utsumi, K. *see* Sanada, T. 6091
Utsumi, T. Vacuum microelectronics for future display technology 1782
Utsumi, T. Vacuum microelectronics for future display technology 15131
Utsumi, T., Endo, F., Ishikawa, T., Iwaasa, S., Yamagiwa, T. Preventive maintenance system with a different gas injecting facility for GIS 25564
Utsumi, T. *see* Yamagiwa, T. 48022
Utsumi, T. *see* Yamagiwa, T. 48023
Utsumi, Y. Analog transmission optical cable TV 38321
Utsumi, Y. *see* Akazawa, H. 26500
Utsunomiya, H. *see* Takahashi, T. 33115
Utsunomiya, J. *see* Handa, T. 296
Utsunomiya, M. *see* Fukuda, M. 47688
Utsunomiya, M. *see* Shirasaki, T. 24810
Utsunomiya, T. *see* Itoh, S. 13806
Utsunomiya, T. *see* Matsuda, I. 45237
Utsunomiya, T. *see* Ueno, I. 13490
Utsuyama, H. *see* Yamamoto, K. 38866
Uttal, T. *see* Intrieri, J.M. 15997
Uttamadoss, R., Sai, M.S., Jayapal, R. Power consolidation schemes for the D22 channel at the Indian MHD pilot plant—design & experimental investigations 25365
Uttamadoss, R. *see* Jayapal, R. 25366
Uttamchandani, D., Liang, D., Culshaw, B. A micromachined silicon accelerometer with fibre optic interrogation 6538
Uttamchandani, D., Mazzolini, A.M., Chalmers, J.D. A planar fibre optic strain sensor using micromechanical resonators fabricated from (110) silicon wafers 46479
Uttamchandani, D. *see* Taneja Nayyar, A. 46355
UttamChandani, I. *see* Sachdev, M.S. 32418
Utzmeier, T., Schlosser, T., Ensslin, K., Kotthaus, J.P., Bolognesi, C.R., Nguyen, C., Kroemer, H. Lateral potential modulation in InAs/AlSb quantum wells by wet etching 42500
Uusimaki, A. *see* Kirschner, I. 20172
Uusimaki, A. *see* Moilanen, H. 11416
Uvarov, E.F. *see* Afanas'ev, V.N. 47139
Uvieghara, G.A. *see* Rao, S.K. 26999
Uwai, K., Saito, H., Yamauchi, Y., Kobayashi, N. Arsenic coverages and surface structures of As-stabilised GaAs (001) surfaces during metalorganic chemical vapor deposition observed by reflectance difference 18283
Uwai, K. *see* Saito, H. 12098
Uwai, K. *see* Yamauchi, Y. 9751
Uwano, T., Nakagawa, Y., Nakamura, T., Ishizaki, T. Design of a low phase noise VCO for an analog cellular portable radio application 18523
Uwano, T. *see* Adachi, H. 18514
Uwano, T. *see* Ishizaki, T. 22864
Uwano, T. *see* Kosugi, H. 18509
Uwano, Y., Tanisako, S., Ogura, N., Nakamura, M., Kubota, H., Yamada, M., Yamashita, Y., Ogawa, K. 2-channel type opto-coupled MOSFET relay 19187
Uwira, O. *see* Jennewein, E. 23963
Uy, O.M. *see* Benson, R.C. 19264
Uyama, C. *see* Sugimoto, N. 24233
Uyar, M.U. *see* Lee, D. 5238
Uyeda, K., Shimizu, K., Maki, N., Ueda, A., Itoh, K. Basic design of 70-MW-class superconducting generators 25390
Uyematsu, T. Efficient maximum likelihood decoding algorithms for linear codes over Z-channel 21598
Uyematsu, T., Mitsugi, J., Sakaniwa, K. Performance evaluation of ARQ schemes for optical communication and their improvements 30823
Uythoven, J.A. *see* Anderson, R.J. 6911
Uyttendaele, M.T. *see* Rao, S.K. 26999
Uzdil, N. *see* Niekamp, K. 48348
Uzelac, M. *see* Mayer, H.A. 7958
Uzun, N., Haddad, R.A. Modeling and analysis of floating point quantization errors in subband filter structures 29718
Uzunoglu, N. *see* Frangos, P. 12569
Uzunoglu, N.K. *see* Capsalis, C.N. 1750
Uzunoglu, N.K. *see* Hein, B. 30559
Uzunoglu, N.K. *see* Kaklamani, D.I. 21404
Uzunoglu, V. *see* Ma, Z. 18521
Uzunov, I.M. *see* Diankov, G.L. 28991
Uzvolok, Yu.Yu. *see* Statnikov, R.B. 218

v. Edel, G., Selke, O., Poch, C., Smend, F., Schumacher, M., Nolte, R., Schrewe, U., Brede, H.J., Schuhmacher, H., Henneck, R. Response of detector modules of the neutron hodoscope SENECA to neutrons with energies 7-70 MeV 7156
v. Feilitzsch, F. *see* Jochum, J. 31724
V.-Kovacs, Z.M. *see* Golzio, D. 1070
Vaa, M. *see* Mikkelsen, B. 38129
Vaahedi, E., Poirier, R.J., Necsulescu, C., Karas, A.N. Benefits of economy transactions and wheeling in Canada 24721

Vaananen, K., Hubner, W. ShareME—shared multimedia environments: some issues on interaction in distributed multimedia information environments 5521
Vaananen, M. *see* Kontro, J. 6269
Vaataja, H., Hakala, H., Mattila, P., Suoranta, R. 3-D simulation of ultrasonic sensor system in mobile robots 14955
Vaataja, H. *see* Hietanen, J. 16068
Vabre, P. *see* Montgomery, P.C. 1844
Vaca, F. *see* Abbott, B. 7245
Vacca, J.R. Climate control sensors in the Sistine Chapel 38470
Vaccarezza, C. *see* Chimenti, V. 15309
Vaccaro, K. *see* Martin, E.A. 34971
Vaccaro, P., Hashimoto, T., Yoshimoto, M., Matsunami, H. Model for reflection high-energy electron diffraction intensity recovery during GaP growth in laser-triggered chemical beam epitaxy 26437
Vaccaro, P.O. *see* Hashimoto, T. 9606
Vaccaro, R.J. *see* Kot, A.C. 21720
Vaccaro, R.J. *see* Li, F. 21781
Vaccaro, U. *see* Blundo, C. 21532
Vaccaro, U. *see* Blundo, C. 21539
Vaccaro, U. *see* Carpentieri, M. 29486
Vaccaro, V. *see* Gatti, E. 16672
Vaccaro, V.G. *see* Bartalucci, S. 7054
Vacchi, A. *see* Bocciolini, M. 24082
Vacek, M.G. *see* Doran, W.G. 32649
Vacher, A., Guyot, A. Error-speed compromise for FFT VLSI 41959
Vachon, A. *see* Turcotte, G. 102
Vachon, P.W., Olsen, R.B., Krogstad, H.E., Liu, A.K. Airborne synthetic aperture radar observations and simulations for waves in ice 7625
Vachon, P.W. *see* Gower, J.F.R. 32106
Vachss, F., Hong, J. Signal processing and adaptive filtering using a photorefractive square law converter 4806
Vacroux, A.G. *see* Seireg, R.H. 10080
Vad, K. *see* Meszaros, S. 23527
Vadan, I. *see* Darie, S.I. 48037
Vadari, S., Jampala, A., Christie, R. An architecture for AI implementations in an EMS environment 32270
Vadari, S.V., Aggoune, M.E. Online assessment of power system dynamic security using modular neural networks 24840
Vadari, S.V. *see* Miller, G.L. 24710
Vadekar, A., Nathan, A., Huang, W.P. Analysis and design of an integrated silicon ARROW Mach-Zehnder micromechanical interferometer 35464
Vadekar, A. *see* Nathan, A. 6458
Vadgama, P.M. *see* Higson, S.P.J. 31326
Vadher, V.V., Smith, I.R. Performance of a segmented rotor tubular linear induction motor 47883
Vadher, V.V., Smith, I.R., Wilson, R.W. Linear induction actuator: design and performance 8727
Vadkovskii, A.D. *see* Arlantsev, S.V. 43738
Vadkovskii, A.D. *see* Bakaev, V.G. 43733
Vadkovskii, A.D. *see* Basov, N.G. 43734
Vadkovskii, A.V. *see* Basov, N.G. 28739
Vadstrup, P. *see* Borsting, H. 16835
Vaez-Iravani, M., Nonnenmacher, M., Wickramasinghe, H.K. Detection of high- and low-frequency vibrations using a feedback-stabilized differential fiber optic interferometer 6535
Vaez-Iravani, M. *see* Toledo-Crow, R. 15205
Vaezi-Nejad, S.M. Final year project as an important component of the electrical and electronic engineering degree course at the University of Greenwich 95
Vaezi-Nejad, S.M. *see* Whapshott, G.F. 17763
Vaga, N.A. Junction-box insulation for high-voltage cables with plastic-insulation 16407
Vaganov, N.G. *see* Artiomov, A.S. 46725
Vagati, A. *see* Franceschini, G. 40267
Vagati, A. *see* Fratta, A. 8876
Vager, Z. *see* Shchemelinin, S. 47016
Vagin, G.Ya., Loskutov, A.B., Redkin, E.V. Calculation of voltage fluctuation levels in arc steel melting furnaces 9027
Vagin, N.P. Scaling of the bubbler-type SOG and gas-transport system for COIL 35663
Vaglio, R. Applications of ceramic superconductors in electronics 20210
Vagneron, L. *see* Benchekroun, D. 7218
Vagners, J. *see* Hoskins, D.A. 29919
Vahala, K.J. *see* Jianhui Zhou 35892
Vahala, K.J. *see* Saunders, W.A. 9604
Vahder, V.V. *see* Kettleborough, J.G. 48279
Vahkshoori, D. *see* Hong, M. 28838
Vahldieck, R., Jin, H. Progress in frequency-domain modelling: the frequency-domain TLM method 29233
Vahldieck, R., Varailhon de la Filolie, B. Field theoretical characterization of coaxial discontinuities in the microwave and millimeter wave range 12696
Vahldieck, R. *see* Hang Jin 42245
Vahldieck, R. *see* Hassin, D. 5950
Vahldieck, R. *see* Huang, J. 1430
Vahldieck, R. *see* Huang, J. 4234
Vahldieck, R. *see* Huang, J. 41118
Vahldieck, R. *see* Jin, H. 1628
Vahldieck, R. *see* Jin, H. 21348
Vahldieck, R. *see* Jin, H. 42226
Vahldieck, R. *see* Ming Yu 12711
Vahldieck, R. *see* Xiao, S. 4190
Vahldieck, R. *see* Yu, M. 1626
Vahldieck, R. *see* Yu, M. 18965
Vahldiek, H. Comparison of optimised temperature controllers 6374
Vai, M., Prasad, S. Automatic impedance matching with a neural network 19016
Vai, M. *see* Navabi, Z. 1179
Vaidya, P.G., He, R. The transfer of information between synchronized chaotic systems 36464
Vaidya, P.M. *see* Sapatnekar, S.S. 26776
Vaidya, S. *see* Garofalo, J. 26898
Vaidya, S. *see* Kostelak, R.L. 27944
Vaidya, S. *see* Marchman, H.M. 27928
Vaidya, S. *see* Newmark, D.M. 2268
Vaidya, S. *see* Pierrat, C. 2265
Vaidya, U.K. *see* Raju, P.K. 903
Vaidya, U.W. *see* Deshpande, S.V. 16506
Vaidya, V.G., Haralick, R.M. The use of GTFR with cone shaped kernel for motion estimation 13662
Vaidya, V.G., Haralick, R.M. Wigner distribution for 2D motion estimation from noisy images 29797
Vaidyanathan, C.S., Callele, D., McCrosky, C. An overview of a fault tolerant communication network 30486
Vaidyanathan, P.P. Orthonormality and paraunitariness in filter banks 13404
Vaidyanathan, P.P. *see* Chen, T. 29602
Vaidyanathan, P.P. *see* Chen, T. 29707
Vaidyanathan, P.P. *see* Soman, A.K. 29600
Vaidyanathan, P.P. *see* Soman, A.K. 29603
Vaidyanathan, P.P. *see* Soman, A.K. 45253
Vail, E.C., Lim, S.F., Wu, Y.A., Francis, D.A., Chang-Hasnain, C.J., Bhat, R., Caneau, C. Buried heterostructure 0.98 μm InGaAs/InGaAsP/InGaP lasers 12094
Vail, J. *see* Gregory, B. 16351
Vaillancourt, G.H., Bellerive, J.P., St-Jean, M., Jean, C. New live line tester for porcelain suspension insulators on high-voltage power lines 47605
Vaillancourt, R. *see* Derun, E.N. 40989
Vaillancourt, R. *see* Karoui, A. 18096
Vaillant, F. *see* Cote, A. 25593
Vaillant, F. *see* Verrecchia, L. 14066
Vainberg, M. *see* Anders, G.J. 32425
Vainberg, V.V., Vorobkalo, F.M., Zarubin, L.I., Ganyuk, L.N., Dekhtyaruk, N.T., Ignatkov, V.D. Thermometric characteristics of carbon fibres 15233
Vaingankar, A.S. *see* Surve, V. 42157
Vainio, O. *see* Laakso, T.I. 13234
Vainio, O. *see* Ovaska, S.J. 13450
Vainos, N.A. *see* Mailis, S. 12402
Vainos, N.A. *see* Mailis, S. 12482
Vainos, N.A. *see* Mailis, S. 21000
Vainshtein, S. *see* Kilpela, A. 6145
Vaishampayan, V.A., Domaszewicz, J. Design of entropy-constrained multiple-description scalar quantizers 44719
Vaishampayan, V.A. *see* Domaszewicz, J. 36824
Vaisman, R., Fonseca, J.R., Andrade, V.H.G., Almeida, M.A., Hattori, M.K., Melo, M.O.B.C., Teivelis, F., Fernandes, J.H.M., Silva, J.T.S., Dias, L.E.N., Esmeraldo, P.C.V., Samico, R.A.M. Switching impulse strength of compact transmission lines 24939
Vaisnys, A., Bell, D., Gevargiz, J., Golshan, N. Direct Broadcast Satellite-Radio, receiver development 38238
Vaissier, J.C., Chapelon, O., Hlou, L., Nougier, J.P., Gasquet, D. Carrier spreading and diffusion coefficient in n-Si 10652
Vaissiere, J.C. *see* Varani, L. 19707
Vaitheeswaran Iyer, S.M., Karekar, R.N. The effect of dielectric truncation on the radiation of a microstrip ring antenna operated at higher-order modes 4277
Vaithilingam, N. *see* Dasiga, S. 8187
Vaitomaa, M. *see* Nyman, A. 47458
Vajana, B. *see* Pavan, P. 18724
Vajda, F., Della Torre, E. Identification of parameters in a complete-moving-hysteresis model 20150
Vajda, I. *see* Feistauerova, J. 29404
Vajda, I. *see* Gyorfi, L. 37109
Vajo, J.J. *see* Eun-Hee Cirlin 42407
Vakanas, L. *see* Palusinski, O.A. 21289
Vakhitov, M.A. *see* Bazhanov, Yu.V. 15070
Vakhrushin, Yu.P. *see* Strokach, A.P. 46701
Vakhshoori, D., Wynn, J.D., Leibenguth, R.E., Novotny, R.A. Long lasting vertical-cavity surface-emitting lasers 20764
Vakhshoori, K. *see* Parekh, B. 9211
Vakili, E. *see* Mourard, D. 46313
Vakilian, M. *see* Degeneff, R.C. 40277
Vakilzadian, H. Teaching digital systems design using the hardware description language AHPL 26101
Vakilzadin, H. *see* Knadler, C.E., Jr. *(editor)* 26000
Vakiparta, P. *see* Gronroos, M. 21676
Vakser, N.M. *see* Borodulina, L.K. 40078
Vakulenko, I.A., Nadezhdin, Y.L. Correlation between the pulse counting rate of acoustic emission and the parameters of strain-hardening of carbon steel 18340
Val, C., Bonnefoy, P., Drouhin, I., Gerard, A., Leroy, M., Letzelter, G. Interconnections and 3-D micropackaging 43085
Valadares, E.C. *see* Hayden, R.K. 34578
Valadas, R.T. *see* Lomba, C.R.A.T. 45979
Valadas, R.T. *see* Moreira, A.J.C. 38004
Valakyavichus, E.I. *see* Pranyavichus, G.I. 37493
Valanju, A.P. *see* Walser, R.M. 18947
Valant, M., Suvorov, D., Kolar, D. Microwave ceramic materials 9805
Valcarcel, M. *see* Cosano, J.S. 31502
Valcarcel, M. *see* Cosano, J.S. 31503
Valcarcel, M. *see* Izquierdo, A. 31322
Valcarel, M., Mayordomo, J.G. Harmonic power flow for unbalanced systems 32185
Valckx, F.P.G. *see* Courteille, C. 15597
Valckx, F.P.G. *see* Courteille, C. 46816
Valco, G.J. *see* Rohrer, N.J. 34256
Valdauf, J. *see* Petr, J. 28300
Valderrama, E. *see* Carrabina, J. 24112
Valdes, R.F. Fundamentals of high voltage insulation 8264
Valdes-Perezgasga, F., Alegret, S., Alonso, J., Bartroli, J. A new type of hybrid chemical sensor 6474
Valdes-Perezgasga, F. *see* Alegret, S. 6606
Valdez, J. *see* Corkidi, G. 7392
Valdez, M.S. The effects of vehicle station keeping and end effector disturbance compensation on neutral buoyancy teleoperation 39154
Valdma, M. Optimal control of power systems under incomplete information 16238
Valdois, M. *see* Besson, R.J. 14930
Valdoni, F. *see* Corazza, G.E. 22973
Valdovinos, A., Casadevall, F.J. Equalization and space diversity techniques in mobile environments 45821
Valdovinos, A., Casadevall, F.J. Performance of adaptive equalization in typical indoor environments including non-linear power amplifiers 45839
Valdovinos, A. *see* Casadevall, F.J. 14517
Valdovinos, A. *see* Casadevall, F.J. 22832
Valdre, G. *see* Sberveglieri, G. 6660
Vale, L.R. *see* Reintsema, C.D. 28405
Vale, Z.A., Machado e Moura, A. An expert system with temporal reasoning for alarm processing in power system control centers 24722
Vale, Z.A., Machado e Moura, A. An intelligent alarm processor for Portuguese control centers 32233
Valence, M. *see* Frandsen, G.S. 41750
Valencia, M. *see* Bellido, M.J. 10121
Valente, E. *see* Ferrer, M.L. 46984
Valente, E. *see* Mirabelli, G. 14578
Valentin, J. *see* Kleinefeld, T. 28359
Valentin, J.-G. New quality criteria in power planning. The example of the French power system 32377
Valentin, J.G. *see* King, W.L. 24888
Valentin, R.A. *see* Tentner, A.M. 25184
Valentine, J.D., Wehe, D.K., Knoll, G.F., Moss, C.E. Temperature dependence of CsI(Tl) absolute scintillation yield 11836
Valentine, T.J. *see* Sussmann, R.S. 42395
Valentini, J.J. *see* Black, J.F. 20907
Valentino, P. *see* Issogna, P. 6125
Valentino, P. *see* Knox, M.E. 6135
Valenza, D. *see* Guonason, E. 16297
Valenza, M., Hoffmann, A., Rigaud, D. Channel noise and noise figure of MOS integrated tetrodes in low-frequency range 20018
Valenza, M. *see* Hoffmann, A. 19809
Valenza, M. *see* Rolland, M. 1928
Valenzano, A. *see* Ajmone Marsan, M. 37153
Valenzano, A. *see* Sisto, R. 37485
Valenzuela, A.A. *see* Weigel, R. 1484
Valenzuela, H. *see* Wernekinck, E. 16959
Valeo, E.J. *see* Cowley, S.C. 44349
Valera, J.D., Jones, J.D.C. Phase stepping in projected-fringe fibre-based moire interferometry 6775
Valera, J.D. *see* Anderson, D.J. 6864
Valera, J.D. *see* Ehrlich, J.E. 3872
Valerij, V.Smirnov *see* Smirnov Valerij, V.
Valerio, J. *see* Tobias, H. 17292
Valeriote, E.M., Chang, T.G., Jochim, D.M. Fast charging of lead-acid batteries 40437
Valeriote, E.M. *see* Chang, T.G. 40419
Valero, A., Lozano, M.A., Serra, L., Torres, C. Application of the exergetic cost theory to the CGAM problem 39955
Valero, A., Lozano, M.A., Serra, L., Tsatsaronis, G., Pisa, J., Frangopoulos, C., Von Spakovsky, M.R. CGAM problem: definition and conventional solution [cogeneration plant] 39954
Valetine, W. *see* Shrivastava, U.A. 19275
Valiaho, H. Cycling can occur in Mraz's algorithm for nonconvex quadratic programming 9421
Valiano, G.E. *see* Akopov, F.A. 25797
Valiant, M. Case study: the just in time solution 26144
Valiant, M. Providing service in a mixed LAN environment 37476
Valiente, I. *see* Chawki, M.J. 12143
Valiente, I. *see* Lambert, B. 9637
Valiente, I. *see* Lambert, B. 28494

Valiente, I. *see* Simon, J.C. 28810
Valiev, K.A. *see* Babin, S.V. 28043
Valiev, K.A. *see* Kiselev, N.A. 10973
Valigi, P. *see* Grillo, D. 22900
Valimaki, J. *see* Salmi, M. 22808
Valimaki, V. *see* Karjalainen, M. 23361
Valiquette, B. *see* Lambert-Torres, G. 32266
Valiquette, M. Point Lepreau Generating Station flux detector replacement coordination and planning 16609
Valis, T., Measures, R.M. Fibre-optic phase-strain response in unidirectional composites 23681
Valis, T. *see* Mason, B. 6550
Valisena, N. The use of MIL-HDBK-217 with the SCC EEE components 47326
Valk, E.C., Routledge, D., Vaneldik, J.F., Landecker, T.L. Microwave noise measurement errors caused by frequency discrepancies and nonzero bandwidth 23872
Valko, P. *see* le Grand, J.B. 24051
Val'kov, A.E. *see* Dolinsky, A.V. 15287
Val'kov, A.E. *see* Dolinsky, A.V. 15677
Valkova, T., Chawki, M.J., Le Ligne, M., Dupont, H. High-speed photodetection characteristics of a Fabry-Perot laser amplifier under AM and FM formats 15012
Valkovic, Z. *see* Rezic, A. 43317
Vall-Ilossera, M. *see* Rius, J.M. 30873
Vallabhan, C.P.G. *see* Philip, A. 21080
Valladares, C.E. *see* Decker, D.T. 47253
Valladares, C.E. *see* Fukui, K. 47252
Vallauri, U. *see* Parmigiani, B. 16420
Vallayer, B., Legressus, C., Blaise, G., Treheux, D. Investigation of insulator electron beam charging effects and related breakdown phenomena 35121
Vallazza, E. *see* Benvenuti, A. 7252
Valle, A., Mecozzi, A., Pesquera, L., Rodriguez, M.A., Spano, P. Transient statistics for two-mode gas ring lasers 3721
Valle, I.del *see* del Valle, I.
Valle, J.C.del *see* del Valle, J.C.
Valle, M.del *see* del Valle, M.
Valle, R. *see* Calderon, J.C. 22572
Vallee, A. *see* Bediou, J. 25391
Vallee, C. *see* Descamps, F. 24106
Vallee, C. *see* Descamps, F. 38918
Vallee, G. *see* Roy, G. 24516
Vallee, O. *see* de Izarra, C. 40827
Vallee, R., He, G. Polarizing properties of a high index birefringent waveguide on top of a polished fiber coupler 11584
Vallee, R. *see* Essiambre, R.-J. 28976
Vallee, R.E., El-Masry, E.I. A very high-frequency CMOS complementary folded cascode amplifier 41695
Vallet, C., Bolore, M., Bonin, B., Charrier, J.P., Daillant, B., Gratadour, J., Koechlin, F., Safa, H. Flux trapping in superconducting cavities 15513
Vallet, R. Symbol by symbol MAP detection and the Baum-Welch identification algorithm in digital communications 13394
Vallet-Regi, M. *see* Labeau, M. 6640
Vallete, F., Vasilescu, G., Alquie, G. Higher-order sensitivities computation in microwave circuits 10472
Vallett, P. *see* Broyde, F. 34298
Vallette, F., Vasilescu, G., Alquie, G. Symbolic method of higher-order sensitivities computation 10429
Valley, G.C. *see* Brown, W.P. 3901
Valley, J.-F. *see* Aroua, A. 32001
Valley, J.-F. *see* Verdun, F.R. 24176
Valley, J.F. *see* Ermer, S. 20396
Valley, J.F. *see* Van Eck, T.E. 3369
Valley, M. *see* Mawst, L.J. 12182
Valliath, G.T., Jelley, K.W. Low skew chip-to-chip optical interconnects for high speed digital applications 19203
Vallier, J.-C. *see* Martini, I. 28399
Vallier, L., Joubert, O., Burke, R., Ferrieu, F., Devine, R.A.B. Influence of ion energy in plasma deposition of a-SiO_2 films 18278
Vallmitjana, S. *see* Carnicer, A. 29899
Vallmitjana, S. *see* Moneo, J.R.deF. 29898
Vallurupalli, R. *see* Sidhu, D.P. 30212
Valmu, H. *see* Koistinen, O. 7598
Valmu, H.T. *see* Koistinen, O.P. 47271
Valo, H. *see* Pedersen, H.M. 23945
Valo, M. *see* Torronen, K. 16500
Valor, L. *see* Zapata, J. 19001
Valouch, V. *see* Bernat, F. 40163
Valovich, J. WANO in East-West cooperation on NPP life management 47640
Valster, A. *see* Hawley, M. 12179
Valtchev, D.Z., Vichev, S.T. Finding input signals in a cable current transformer 42265
Valter, H. *see* Hutter, G. 9976
Valtonen, M. *see* Narhi, T. 28202
Valtonen, M.E. *see* Lindell, I.V. 44492
Valverde, J.G., Mazzoni, P. The unipolar Faraday generator revisited 3987
Valverde, J.Lamas *see* Lamas Valverde, J.
Valyaev, Yu.D. *see* Arapov, L.N. 15283
Vaman, D.R., Xuedao Gu, Saimin Jin, Oser, T.M. Analysis of source rate adaption for ATM networks using a dynamic flow model 45694
Vamos, E. *see* Halpert, G. 32998
Vamos, E. *see* Surampudi, S. 33014
Vamos, T. *see* Chereshkin, D. 22394
Vampouille, M. *see* Saviot, F. 20751
Vamsi, B. *see* Nandi, S. 33968
Vamsi, B. *see* Nandi, S. 41822
van Aartsen, C.S. The response model—an operational model for towed array shape and attitude estimation from measurements by heading and depth sensors, validated on trial data 46108
Van Ackeren, J.J. *see* Minh, N.Q. 17285
van Aerle, N.A.J.M., Barmentlo, M., Hollering, R.W.J. Effect of rubbing on the molecular orientation within polyimide orienting layers of liquid-crystal displays 20407
van Amersfoort, P.W., Bakker, R.J., van der Geer, C.A.J., Jaroszynski, D.A., van der Meer, A.F.G., Oepts, D. Lasing with FELIX 12257
van Amersfoort, P.W. *see* Bakker, R.J. 3685
van Amersfoort, P.W. *see* Bakker, R.J. 20924
van Amersfoort, P.W. *see* Eliel, E.R. 44081
van Amersfoort, P.W. *see* Faatz, B. 3696
van Amersfoort, P.W. *see* Manintveld, P. 12265
van Amersfoort, P.W. *see* van der Geer, C.A.J. 15391
van Amersfoot, P.W. *see* Jaroszynski, D.A. 12264
Van Ammel, A. *see* Caymax, M.R. 18212
Van Ammel, A. *see* Poortmans, J. 11162
van Amstel, W.D., Asjes, R.J., van de Goor, P.F.A., Merkelbach, P. 2 and 3D laser scanners for fast dimensional measurements and inspection 46614
Van An Dinh *see* Dinh Van An
van Apeldoorn, G. *see* Adam, W. 46929
van Asselt, W. *see* Huang, H. 7044
van Aswegen, A. *see* Pretorius, P.H. 24248
Van Bavel, A.-M. *see* Langouche, G. 42633
Van Bavel, A.-M. *see* Wu, M.F. 27642
Van Bavel, A.M. *see* Wu, M.F. 10882
Van Beckhoven, D. *see* Decreton, M. 2450
Van Belle, P. *see* Hawkes, N.P. 7290
van Bemmel, J.H. *see* Janssen, M.J.A. 7419
van Bemmel, J.H. *see* Schijvenaars, R.J.A. 39068
van Bemmel, J.H. *see* van Mulligen, E.M. 5571
Van Berg, R. *see* Newcomer, F.M. 15663
van Bergem, D.R. A model of coarticulatory effects on the schwa 44775
Van Berkel, C., Bird, N.C., Curling, C.J., French, I.D. 2D image sensing arrays with NIP diodes 31299
Van Berkel, C., McGarvey, B.P., Clarke, J.A. Microlens arrays for 2D large area image sensors 43598
van Berkel, C., Powell, M.J., Deane, S.C. Physics of a-Si:H switching diodes 28089
van Berkel, C. *see* Kramer, N. 42839
van Berkel, F.P.F., van Heuveln, F.H., Huijsmans, J.P.P. Status of SOFC component development at ECN 17279
van Beuzekom, M.G. *see* Kroes, F.B. 7141
Van Bladel, J. Surface sources [EM theory] 3971
Van Bladel, J.G. Three-dimensional operators acting on surface sources [EM fields] 3967
Van Bladel, M. *see* Moeneclaey, M. 46171
van Bladel, M. *see* Pollet, T. 36494
van Bochove, A.K. *see* Labrujere, A.C. 6065
Van Bockstal, L. *see* Askenazy, S. 12534
Van Bogaert, J., Kleine-Altekamp, H., Vion, E., Castelli, R. SDH network element technology—the hardware platform 22418
van Brakel, G., Xing, Y., Kerkhoff, H.G. Scan cell design for enhanced delay fault testability 18662
van Brakel, P.A. *see* Windell, A.C. 30961
van Brug, H. *see* van der Tol, J.J.G.M. 43499
Van Brunt, R.J., Cernyar, E.W. Stochastic analysis of AC-generated partial-discharge pulses from a Monte-Carlo simulation 35125
Van Brunt, R.J., Cernyar, E.W., von Glahn, P. Importance of unraveling memory propagation effects in interpreting data on partial discharge statistics 35108
Van Brussel, H. *see* Bao, C. 21873
Van Buskirk, P. *see* Zhang, J. 26517
Van Caillie, B. *see* Comes, S. 13811
Van Caillie, B. *see* Delogne, P. 29949
Van Calster, A. *see* Capon, J. 15073
Van Calster, A. *see* Capon, J. 43616
Van Calster, A. *see* De Baets, J. 27768
Van Calster, A. *see* De Baets, J. 31371
Van Calster, A. *see* De Smet, H. 31359
Van Calster, A. *see* Ming-Jiang Zhou 42991
Van Calster, A. *see* Zhou, M.-J. 20028
Van Compernolle, D. Speech enhancement for applications in communication and recognition 21658
Van Compernolle, D. *see* Le Cerf, P. 13119
Van Compernolle, D. *see* Le Cerf, P. 36623
Van Compernolle, D. *see* Smolders, J. 13138
Van Compernolle, D. *see* Van Diest, M. 13120
Van Compernolle, D. *see* Van Gerven, S. 21758
van Cuilenburg, J., Slaa, P. Competition in the local loop: towards an anticyclical competition policy in telecommunications 37187
van Daalen, M., Jeavons, P., Shawe-Taylor, J. A stochastic neural architecture that exploits dynamically reconfigurable FPGAs 33967
van Daalen, M., Kosel, T., Jeavons, P., Shawe-Taylor, J. Emergent activation functions from a stochastic bit-stream neuron 34203
Van Daele, P. *see* Coudenys, G. 3403
Van Daele, P. *see* Coudenys, G. 41306
van Daele, P. *see* Morf, T. 35618
Van Daele, P. *see* Vermaerke, F. 35812
Van Daele, P. *see* Vermeire, G. 41290
van Dam, C.P. *see* Vinh, H. 47151
Van Dam, L. *see* Ackaert, A. 335
van Dam, P. *see* Adam, W. 46929
van Dantzig, R. *see* Blok, H.P. 38935
van de Capelle, A. *see* An, H. 4281
Van de Capelle, A. *see* An, H. 29308
Van de Capelle, A. *see* Demuynck, F. 44556
Van de Capelle, A. *see* Van der Perre, L. 37725
van de Capelle, A. *see* Vandenbosch, G. 36264
Van de Capelle, A.R. *see* Demuynck, F.J. 28292
van de Capelle, A.R. *see* Hongming An 44601
Van de Capelle, A.R. *see* Vandenbosch, G.A.E. 21376
van de Goor, A.J., Smit, B. Automatic verification of march tests [SRAMs] 10184
van de Goor, A.J., Verhallen, T.J.W. Functional testing of current microprocessors (applied to the Intel i860) 1232
van de Goor, A.J., Zorian, Y. Fault models and tests specific for FIFO functionality 10174
van de Goor, P.F.A. *see* van Amstel, W.D. 46614
van de Griendt, M.A.J., van Dooren, G.A.J. On the use of antenna weight functions in field strength prediction and interference reduction 4305
van de Sanden, M.C.M. *see* de Graaf, M.J. 46827
Van De Velde, J.C. *see* Bocquet, B. 6755
Van de Velde, J.C. *see* Bocquet, B. 31864
van de Ven, M.J. *see* Gratton, E. 15700
Van de Wal, A. The effects of man-made smokes and battlefield-induced smokes on the propagation of electromagnetic radiation 47332
Van de Walle, C.G. *see* Laks, D.B. 2051
Van de Wiele, F. *see* Colinge, J.P. 28126
Van Deemter, H., Mastebroek, H.A.K. A statistical correlation technique and a neural network for the motion correspondence problem 36966
Van Demark, J.J. *see* Beuning, S. 32228
van den Aker, K. *see* Schmitz, J. 42753
van den Akker, F.M. *see* Oscar van Deventer, M. 38102
van den Berg, A. *see* van der Schoot, B.H. 6473
van den Berg, C. Clean coal in advanced power generation 40029
van den Berg, P.M. *see* Kleinman, R.E. 4069
Van Den Berg, P.M. *see* Kleinman, R.E. 4087
van den Berg, R., Calwer, H., Marklstorfer, P., Meckes, R., Schulze, F.W., Ufert, K.-D., Vogt, H. 7% stable efficiency large area a-Si:H solar modules by module design improvement 17390
van den Bergh, H. *see* Hoffmann, P. 19697
van den Born, E.A. *see* Zondervan, A. 46867
Van den bosch, G., Groeseneken, G., Maes, H.E. Direct and post-injection oxide and interface trap generation resulting from low-temperature hot-electron injection 19453
van den Bosch, G., Groeseneken, G., Maes, H.E. Critical analysis of the substrate hot-hole injection technique 28137
Van den bosch, G., Groeseneken, G., Maes, H.E., Klein, R.B., Saks, N.S. Oxide and interface degradation resulting from substrate hot-hole injection in metal-oxide-semiconductor field-effect transistors at 295 and 77 K 34964
van den Bosch, P.P.J. *see* Hofmeester, N.H.M. 8586
van den Bosch, P.P.J. *see* Hofmeester, N.H.M. 16768
van den Bosch, P.P.J. *see* Veltman, A. 16759
van den Bosch, P.P.J. *see* Visser, H.R. 17459
Van Den Bossche, A.P.M. *see* Coussens, P.J.M. 40181
Van den Bossche, P., Maggetto, G. The 'twelve electric hours' competition: a good way to evaluate electric vehicles in city traffic 48423
Van den Bossche, P. *see* Kahlen, H. 48407
Van den Bossche, P. *see* Maggetto, G. 48198
Van den Bossche, P. *see* Van Muylem, H. 48288
Van den Bout, D.E. The AnyBoard: programming and enhancements 33815
Van den Bout, D.E., Kahn, O., Thomae, D. The 1993 AnyBoard rapid-prototyping environment 23766
van den Brand, J.F.J. *see* Jones, C.E. 31632
van den Brandt, B. *see* Abplanalp, M. 24046
van den Brink, M. *see* Wittekoek, S. 2350
van den Brink, M.A., de Mol, C.G.M., Stoeldraijer, J.M.D. Matching of multiple wafer steppers for 0.35 μm lithography using advanced optimization schemes 19677
van den Brink, R.F.M. *see* Labrujere, A.C. 6065
van den Broek, C. Influence of the near-far effect on the performance of PRMA 37156
van den Broek, W., Lensink, A. A UMTS architecture based on IN and B-ISDN developments 22911
van den Broeke, L.A.D., de Jong, L.P., Davidse, J., van Roermund, A.H.M. An analog multi-channel integrated optical transmission system for video signals 31033
van den Broeke, L.A.D. *see* Moree, J.P. 1311
Van Den Bulck, P. A comparison of error diffusion and the Hopfield neural network as methods to quantize hologram distributions 21102
van den Dool, F. Telecommunication system architectures: dealing with complexity 45415

van den Hemel, M., Hart, B., Kruis, J.-S. GNSS-receiver acquisition-time requirements in urban environments 38192
van den Heuvel, A.P. *see* Boscovic, D.M. 22890
van den Heuvel, F. Fibre in the loop: which way to go? 23058
van den Heuvel, F. Fibre in the loop: which way to Go? 23059
van den Heuvel, F.C. *see* Overwijk, M.H.F. 808
van den Heuvel, F.C. *see* Overwijk, M.H.F. 27445
van den Heuvel, J.C., van Putten, F.J.M., Lerou, R.J.L. Experimental and numerical study of stimulated Raman scattering in an astigmatic focus 35979
Van den hove, L. *see* Gogolides, E. 28035
Van den hove, L. *see* Ki-Ho Baik 11075
Van den hove, L. *see* Pforr, R. 2277
Van den hove, L. *see* Ronse, K. 2263
Van den Hove, L. *see* Ronse, K. 28009
van den Hoven, G.N. *see* Custer, J.S. 9591
van den Hoven, G.N. *see* Custer, J.S. 18231
van den Tempel, C.M.M. Model of a new temperature-compensated optical current sensor using $Bi_{12}SiO_{20}$ 6444
van den Vlekkert, H.H. *see* Moritz, W. 6476
van den Vlekkert, H.H. *see* Verkerk, U.H. 46367
van der Arend, P. *see* Corporaal, H. 2650
van der Broeck, H., Gerling, D., Bolte, E. Switched reluctance drive and PWM induction motor drive compared for low cost applications 8886
van der Broeck, H., Lurkens, P. Programmable AC power source 17060
van der Broeck, H.W. *see* Ferreira, J.A. 7944
van der Burg, R. *see* Kajiyama, B.K. 40104
van der Does, T. Combined heat and power in the Netherlands. Policy, developments and the future 39930
van der Drift, E., Zijlstra, T., Cheung, R., Werner, K., Radelaar, S. Reactive ion etching mechanism study on Si/Ge_xSi_{1-x} 27753
van der Drift, E. *see* Cheung, R. 27739
van der Drift, E. *see* Hilbrandie, G.R. 35265
van der Drift, E. *see* Webster, M.N. 27257
van der duyn Schouten, F.A., Vanneste, S.G. Two simple control policies for a multicomponent maintenance system 26140
Van Der Eems, B., Laaks, K. Image compression for photovideotext 14099
van der Elst, H., van Schalkwyk, J.J.D. Modelling and restoration of images distorted by atmospheric turbulence 12617
Van der Gaag, B. *see* Hong, B.W.-P. 34927
Van Der Gaag, B.P. *see* Jong-In Song 42898
van der Gaag, B.P. *see* Song, J.-I. 42186
Van der Gaag, B.P. *see* Song, J.I. 1556
van der Geer, C.A.J., Bakker, R.J., van der Meer, A.F.G., van Amersfoort, P.W., Gillespie, W.A., Martin, P.F., Saxon, G. Performance of the FELIX accelerator 15391
van der Geer, C.A.J. *see* Bakker, R.J. 3685
van der Geer, C.A.J. *see* Manintveld, P. 12265
van der Geer, C.A.J. *see* van Amersfoort, P.W. 12257
van der Genugten, B.B. Density of the least squares estimator in the multivariate linear model with arbitrarily normal variables 41140
van der Gevel, M., Kuenen, J.C. $\sqrt{x}$ circuit based on a novel, back-gate-using multiplier 34187
van der Graaf, R., van Oosten, J. Comparative and objective performance measurements of state of the art electric vehicles 48341
van der Graaf, W.A. *see* Lenstra, D. 44124
van der Gracht, J. *see* Mait, J.N. 30119
van der Ham, E.W.M. *see* Eliel, E.R. 44081
van der Hart, A. *see* Vescan, L. 41338
van der Heide, J.A. *see* Kleeven, W.J.G.M. 7057
van der Heijden, G.-J. *see* Widya, I. 30214
van der Heijden, J.M.M. *see* van Roijen, R. 35920
van der Heijden, J.M.M. *see* van Roijen, R. 43858
Van der Heyde, C. *see* Gelders, L. 17761
van der Hoek, L. *see* Hekmat, R. 14551
van der Hofstad, G.L.A. *see* Kuindersma, P.I. 5984
Van Der Jagt, L. A framework for specifying a physical layer and medium for wireless local area networks 37430
Van Der Jagt, L. *see* Hodaie, P. 36185
van der Kam, P.M.A., de Jong, S. Gas turbine meters: standardization and operational experiences 46688
van der Keur, J.M. *see* Bastiaansen, H.J.M. 35437
van der Laan, M.D., Halang, W.A., Koblizek, P. Low cost signal sampling using local integrals 36657
Van der Laan, P.C.T., Van Helvoort, M.J.A.M., Van Deursen, A.P.J., Van Houten, M.A. New developments of grounding structures for the protection of micro-electronics 36287
van der Laan, P.C.T. *see* van Deursen, A.P.J. 8718
van der Laan, P.C.T. *see* van Deursen, A.P.J. 44400
van der Laan, P.C.T. *see* van Heesch, E.J.M. 39612
van der Linden, A., Bijleveld, J.H.M., Boer Rookhuizen, H., Bruinsma, P.J.T., Doets, M., Lassing, P., Zegers, C. High power density, thin magnetic DC septa for AmPS 15567
van der Linden, A., Bijleveld, J.H.M., Rookhuizen, H.B., Bruinsma, P.J.T., Heine, E., Lassing, P., Prins, E. 80 kV electrostatic wire septum for AmPS 15405
van der Linden, A. *see* Heine, E. 15566
van der Linden, S., Jacobi, C., von Rappard, A. GT11N2 110 MW industrial gas turbine: lower specific cost with improved performance 8200
van der Lubbe, J.C.A. *see* Reinders, M.J.T. 36826
Van Der Lubbe, J.C.A. *see* Sankur, B. 5396
van der Mark, M.B., Bosselaar, L. Noncontact calibration of optical fiber cladding diameter . using exact scattering theory 35404
van der Meer, A.F.G. *see* Bakker, R.J. 3685
van der Meer, A.F.G. *see* Bakker, R.J. 20924
van der Meer, A.F.G. *see* Eliel, E.R. 44081
Van der Meer, A.F.G. *see* Jaroszynski, D.A. 12264
van der Meer, A.F.G. *see* Manintveld, P. 12265
van der Meer, A.F.G. *see* van Amersfoort, P.W. 12257
van der Meer, A.F.G. *see* van der Geer, C.A.J. 15391
van der Meer, J. A prototype demonstrating user mobility and flexible service profiles 45859
van der Meer, K. *see* Reher, D.F.G. 46830
van der Meer, P.J., Biemond, J., Lagendijk, R.L. A constant quality MPEG codec 14305
Van der Meijden, M.A.M.M. *see* Eggleton, M.N. 24873
van der Meijden, M.A.M.M. *see* King, W.L. 24888
van der Merwe, F.S. *see* Liebenberg, R. 8454
van der Merwe, F.S. *see* van der Merwe, H. 16334
van der Merwe, H., van der Merwe, F.S. Some features of travelling waves on cables 16334
van der Merwe, W.J. *see* Blajszczak, G. 16485
van der Meulen, E.C. *see* Gyorfi, L. 12878
Van der Meulen, E.C. *see* Gyorfi, L. 44721
van der Meulen, E.C. *see* Prelov, V.V. 12803
van der Meulen, E.C. *see* Prelov, V.V. 36463
van der Meulen, P.F.H.M. Energy contamination control in multiple charged ion implantations 2062
Van der Perre, L., Van Troyen, D., Vanhove, H., Van de Capelle, A. Test set-up for HF modems 37725
van der Plaats, J.C. *see* Muys, W. 5897
van der Plaats, J.C. *see* van Heijningen, P.H. 30827
van der Plaats, J.C. *see* Willems, F.W. 38330
van der Plas, P.A. *see* Lokhoff, G.C.P. 14852
van der Poel, C.J., Ambrosius, H.P.M.M., Linders, R.W.M., Peeters, R.M.L., Acket, G.A., Krijn, M.P.C.M. Strained layer $GaAs_{1-y}P_y$-AlGaAs and $In_xGa_{1-x}As$-AlGaAs quantum well diode lasers 3589
van der Poel, C.J. *see* van Exter, M.P. 3615
van der Pols, E.K.H., Haesakkers, J.D.L. Design and implementation of a pulse width modulator for a three-level inverter using a microprocessor and EPLDS 8879
van der Put, P.J. *see* Ammerlaan, J.A.M. 825
van der Put, P.J. *see* Dekker, J.P. 41413
van Der Putten, F. Multi-sensor fusion of partial observations of straight line segments 36960
van der Scheer, D. Squin, the new low-voltage distribution system for small consumer units 24912
van der Schoot, B. *see* Bousse, L. 23559
van der Schoot, B. *see* Moritz, W. 6476
van der Schoot, B.H., Jeanneret, S., van den Berg, A., de Rooij, N.F. Modular setup for a miniaturized chemical analysis system 6473
van der Schueren, A. *see* Amendola, G. 15300
van der Slot, P.J.M. *see* Zambon, P. 43980
van der Sluijs, M.J. *see* Lewis, T.J. 35152
Van der Sluis, L. *see* Rajagopalan, J. 16277
Van der Sluis, P. *see* Petruzzello, J. 20902
van der Spek, G.A. Radar developments 14704
Van der Spiegel, J. *see* Camp, W.O., Jr. 23724
Van der Spiegel, J. *see* Newcomer, F.M. 15663
van der Staal, P. Communication media in Japan: economic and regional aspects 37367
van der Steenhoven, G. *see* Blok, H.P. 38935
Van der Straat, F. *see* Verrecchia, G.P.D. 38873
van der Tol, J.J.G.M., Pedersen, J.W., Metaal, E.G., Oei, Y.S., Green, F.H., Demeester, P. Sharp vertices in asymmetric Y-junctions by double masking 43504
van der Tol, J.J.G.M., Pedersen, J.W., Metaal, E.G., Oei, Y.S., van Brug, H., Moerman, I. Mode evolution type polarization splitter on InGaAsP/InP 43499
van der Tol, J.J.G.M. *see* Amersfoort, M.R. 35455
van der Tol, J.J.G.M. *see* Amersfoort, M.R. 35634
van der Tol, J.J.G.M. *see* Pedersen, J.W. 35474
van der Tol, J.J.G.M. *see* van Deventer, M.O. 46003
van der Tol, J.J.G.M. *see* van Haasteren, A.J.P. 11677
Van Der Veen, A.-J., Deprettere, E.F., Swindlehurst, A.L. Subspace-based signal analysis using singular value decomposition 13183
Van der Veen, A.-J., Dewilde, P. Modeling computational networks by time-varying systems 26357
van der Veen, M. *see* Nieuwesteeg, K.J.B.M. 2426
van der Veen, M. *see* Nieuwesteeg, K.J.B.M. 2427
van der Veer, J.H.C., van Gerwen, R.J.F. Fuel cells 25673
Van Der Velde, E.T. *see* Steendijk, P. 31955
van der Vleuten, R.J., Weber, J.H. A new construction of trellis-coded vector quantizers 12879
van der Vleuten, R.J., Weber, J.H. A new construction of trellis waveform coders 22008
van der Vleuten, R.J., Weber, J.H. Trellis-coded modulation with optimized signal constellations 36585
van der Vleuten, W.C. *see* Yoffe, G.W. 3187
van der Vleuten, W.C. *see* Yoffe, G.W. 20401
van Der Vorst, H.A., Vuik, C. The superlinear convergence behaviour of GMRES 18059
van der Walt, A.J. *see* Topham, G.H. 24752
van der Walt, P.W. *see* Meyer, P. 27040
Van Der Weg, W.F. *see* Ouwens, J.D. 26483
Van Der Weg, W.F. *see* Schropp, R.E.I. 33060
Van Der Weg, W.F. *see* Van Swaaij, R.A.C.M.M. 27673
Van Der Weg, W.F. *see* Von Der Linden, M.B. 33029
Van Der Weide, D.W. A YIG-tuned nonlinear transmission line multiplier 1506
Van Der Weide, D.W., Bostak, J.S., Auld, B.A., Bloom, D.M. All-electronic subpicosecond pulses for a 3-terahertz free-space signal generation and detection system 44586
van der Werf, A., Aarts, E.H.L., Heijnen, E.W., Van Meerbergen, J.L., Verhaegh, W.F.J., Lippens, P.E.R. A new method for retiming multifunctional processing units 34117
van der Werf, A., Peek, M.J.H., Aarts, E.H.L., Van Meerbergen, J.L., Lippens, P.E.R., Verhaegh, W.F.J. Area optimization of multifunctional processing units 26599
van der Werf, A. *see* Verhaegh, W.F.J. 26598
Van Der Werf, C.H.M. *see* Ouwens, J.D. 26483
Van Der Werf, C.H.M. *see* Schropp, R.E.I. 33060
van der werf, K.O. *see* Schut, T.C.B. 15823
van der Wiel, A.J., Linder, C., de Rooij, N.F., Bezinge, A. A liquid velocity sensor based on the hot-wire principle 7322
van der Wiel, M.J. *see* Shmaenok, L. 28026
van der Wiel, M.J. *see* Tulupov, A.V. 43700
van der Wiel, M.J. *see* Urbanus, W.H. 3408
van der Woerd, A.C., Serdijn, W.A. Low-voltage low-power controllable preamplifier for electret microphones 9986
Van Der Woude, A. *see* Buda, A. 7291
van der Woude, C.R. *see* Spaans, J.L. 45691
van der Zwan, M.L.W., Bardwell, J.A., Sproule, G.I., Graham, M.J. Mechanism of the growth of native oxide on hydrogen passivated silicon surfaces 27665
Van Dessel, M. *see* Johansson, T.B. 16909
van Deursen, A.P.J., van der Laan, P.C.T. Protection of microelectronics from electromagnetic disturbance 8718
van Deursen, A.P.J., van der Laan, P.C.T. A new EMC course at the Eindhoven University of Technology 44400
Van Deursen, A.P.J. *see* Van der Laan, P.C.T. 36287
van Deursen, J.-P. *see* Prasad, R. 14390
van Deursen, J.P. *see* Prasad, R. 5728
Van Deventer, M.O. Polarization properties of Rayleigh backscattering in single-mode fibers 43403
van Deventer, M.O., Koning, O.J. Crosstalk and channel spacing in a coherent multichannel system using erbium doped fibre amplifiers 45996
van Deventer, M.O., van der Tol, J.J.G.M., Boot, A.J. Power penalties due to Brillouin and Rayleigh scattering in a bidirectional coherent transmission system 46003
van Deventer, M.O. *see* Labrujere, A.C. 6065
van Deventer, M.O. *see* Labrujere, A.C. 30807
van Deventer, M.O. *see* van Haasteren, A.J.P. 11677
van Deventer, M.Oscar *see* Oscar van Deventer, M.
van Deventer, M.Oskar *see* Oskar van Deventer, M.
van Deventer, T.E., Katehi, L.P.B., Cangellaris, A.C. Analysis of conductor losses in high-speed interconnects 33407
van Die, A. *see* Liefrink, F. 19362
van Dierendonck, A.J., Nagle, J., Kinal, G.V. Evolution of GNSS taking advantage of geostationary satellites 23244
Van Diest, M., Van Compernolle, D. Speech recognizer training behaviour using distance and probabilistic frame scoring 13120
Van Diest, M. *see* Le Cerf, P. 13119
van Dijk, G.M. *see* Boogaard, J. 18371
van Dijk, N.M. *see* Boucherie, R.J. 26279
van Dijkhuizen, J. *see* Festen, J.M. 24359
Van Do Long *see* Do Long Van

Van Dommelen, D., Hajek, J. EMTP, a digital program for identification, analysis and simulation of electromagnetic transients 39450
van Dongen, R. *see* Essink, G. 18781
van Dongen, T. *see* Kuindersma, P.I. 5984
Van Dongen, T. *see* Staring, A.A.M. 43926
van Dongen, T. *see* Thijs, P.J.A. 35870
van Dongen, T. *see* van Roijen, R. 35920
van Dongen, T. *see* van Roijen, R. 43858
van Doorn, J. *see* Packman, A. 15892
van Dooren, G.A.J., Herben, M.H.A.J. An engineering approach for site shielding calculations 21278
van Dooren, G.A.J., Herben, M.H.A.J. A deterministic approach for the modeling of wave propagation around buildings 29187
van Dooren, G.A.J., Herben, M.H.A.J., Brussard, G., Sforza, M., Baptista, J.V.P.P. Electromagnetic field strength prediction in an urban environment: a useful tool for the planning of LMSS 36176
van Dooren, G.A.J., Sforza, M. FiPre: a prediction tool for the planning of mobile and fixed satellite communication services 37968
van Dooren, G.A.J. *see* Govaerts, H.J.F.G. 12755
Van Dooren, G.A.J. *see* van de Griendt, M.A.J. 4305
van Doorn, A.K.Jansen *see* Jansen van Doorn, A.K.
van Doorn, A.R. *see* Sharma, P.K. 3495
van Doorn, B.A., Blom, H.A.P. Systematic error estimation in multisensor fusion systems 29634
van Doorn, E.A., Panken, F.J.M. Blocking probabilities in a loss system with arrivals in geometrically distributed batches and heterogeneous service requirements 45309
van Doorn, J., Purcell, A. The Nasometer: a clinical gadget or a potential technological breakthrough? 15693
van Doorn, T. *see* Critchley, S. 47039
Van Doorn, T. *see* Tarte, B.J. 7508
Van Doorselaer, K., Hente, A., Saboui, A., Moscicki, J.-P. Thin type packaging: an effective way to improve the popcorn resistance of plastic-packaged ICs 33402
van Dordrecht, A. *see* Foden, C.L. 20211
van Dordrecht, A. *see* Rando, N. 23602
van Dordrecht, A. *see* Videler, P. 20194
van Dorssen, G.E. *see* Louis, E. 26510
van Dort, M.J., Woerlee, P.H., Walker, A.J. A simple model for quantisation effects in heavily-doped silicon MOSFETs at inversion conditions 28138
van Driel, H.M. *see* Fu, Q. 21030
Van Driel, H.M. *see* Kuta, J.J. 23620
Van Driessche, V. *see* Funhoff, D.J.H. 11050
Van Droogenbroeck, M. Generalized iterative algorithm for spectral signal deconvolution 21849
van Duijsen, P.J. Steady-state analysis and sampled data modeling of AC power converters using the MNA method. [modified nodal analysis] 8572
van Duijsen, P.J. Multilevel modeling and simulation of power electronic systems 17021
van Duijsen, P.J. *see* Bauer, P. 16957
van Duijsen, P.J. *see* Hoeijmakers, M.J. 8418
Van Duin, J.H.R. *see* Van Gigch, J.M. 48184
Van Duin, P.J. *see* De Kreuk, C.W. 48300
van Duin, P.J. *see* Saakes, M. 25653
van Duin, P.J. *see* Saakes, M. 25654
van Duin, P.J. *see* Schmal, D. 48394
Van Dun, J. *see* Jadoul, L. 5277
Van Duzer, T. *see* Ghoshal, U. 26956
Van Duzer, T. *see* Nagai, Y. 1399
Van Duzer, T. *see* Nagai, Y. 20231
van Dyck, O.B. *see* Swenson, D.R. 31639
van Dyck, O.B. *see* York, R.L. 31638
Van Dyck, R.E., Moayeri, N., Marshall, T.G., Jr., Simotas, E., Chin, M. Fast subband video coding with ladder structures 13566
van Dyk, J. *see* Marbach, J.R. 39089
Van Dyk, J. *see* Nikolic, M. 31975
van Dyke, G.A.Hoek *see* Hoek van Dyke, G.A.
Van Dyke, J., Sr. *see* Watts, B. 23419
van Eck, J.L. *see* Wyns, A. 17052
Van Eck, T.E., Girton, D.G., Valley, J.F., Ermer, S., Ticknor, A.J., Lipscomb, G.F., Lytel, R. Chip-to-chip interconnects using poled polymer integrated optic transmitter networks 3369
Van Eck, T.E. *see* Ermer, S. 20396
van Eijk, A.M.J., de Leeuw, G. Atmospheric effects on IR propagation 29191
van Eijk, C.W.E. *see* Dorenbos, P. 7191
van Eijk, C.W.E. *see* Okx, W.J.C. 7249
van Es, C.M., Eijkemans, T.J., Wolter, J.H., Pereira, R., Van Hove, M., Van Rossum, M. Transport and optical properties of AlGaAs/GaAs and pseudomorphic AlGaAs/InGaAs/GaAs heterostructures subjected to CH_4/H_2 reactive ion etching 19382
Van Es, C.M. *see* Pereira, R. 10904
van Es, J.T. *see* Kroes, F.B. 7141
Van Eupen, M. Five new optimal ternary linear codes 44710
van Exter, M.P., Biever, C., Woerdman, J.P. Effect of optical injection on bias voltage and spectrum of a semiconductor laser 43825
van Exter, M.P., Jansen van Doorn, A.K., Woerdman, J.P., van der Poel, C.J. Mutual coherence of light emitted from the two mirrors of a subthreshold semiconductor laser 3615
van Exter, M.P. *see* Kuppens, S.J.M. 43742
Van Eyck, W. International RIDES: a fibre-to-the-curb network operations support system for CCITT and ETSI based telecommunication networks 5904
Van Eycken, L. *see* De Lameillieure, J. 14803
Van Eycken, L. *see* Li, N. 36831
van Galen, F., Dolk, M., Feijs, E., Jonker, V., Ruesink, N. Linear and interactive video in inservice mathematics education 6258
van Geert, E. *see* Eggleton, M.N. 24873
van Geert, E. *see* King, W.L. 24888
van Geest, D.C.L., Hoeksma, R.H., Brombacher, A.C., Hermann, O.E. Integration of physical reliability knowledge into the design of VLSI-circuits 35059
Van Geest, E., Brombacher, A., Herrmann, O. Robust design of circuits susceptible to electromigration 2618
Van Geest, E. *see* Brombacher, A. 447
van Gelder, T. Parallelity in Pentium [Intel microprocessor chip] 18760
van Gelder, T. New future for 80386 [microprocessor chip] 18761
van Gelder, T. VME still has a future 22573
van Gelder, T. Overview of VME suppliers 22575
van Gelderen, T. *see* de Vries, G. 41032
Van Gerven, S., Van Compernolle, D. Feedforward and feedback in a symmetric adaptive noise canceler: 'stability analysis in a simplified case' 21758
van Gerwen, P. *see* Essink, G. 18781
van Gerwen, R.J.F. *see* van der Veer, J.H.C. 25673
van Gestel, R., Schellekens, H. 3D finite element simulation of the delamination behaviour of a PLCC package in the temperature cycling test 33410
Van Gigch, J.M., Van Duin, J.H.R., Van Heijster, R.M.E.M. Sizing the traction power supply system with the aid of probability theory 48184
Van Gils, M.J. *see* Habraken, J.B.A. 7440
van Glabbeek, J.J., Spierings, G.A.C.M., Ulenaers, M.J.E., Dormans, G.J.M., Larsen, P.K. Reactive ion etching of $Pt/PbZr_xTi_{1-x}O_3/Pt$ integrated ferroelectric capacitors 28324
Van Gool, L.J. *see* Pauwels, E.J. 30072
van Goor, F.A., Trentelman, M., Timmermans, J.C.M., Witteman, W.J. Improved X-ray switched XeCl laser 20652
van Goor, F.A. *see* Timmermans, J.C.M. 35681
van Haaren, J.A.M.M. *see* Hartmann, W.J.A.M. 15125
van Haasteren, A.J.P., van der Tol, J.J.G.M., van Deventer, M.O., Frankena, H.J. Modeling and characterization of an electrooptic polarization controller on $LiNbO_3$ 11677
van Ham, F.P.G.M. *see* Amersfoort, M.R. 35455
Van Harlingen, D.J. *see* Wollman, D.A. 2869
van Harmelen, G.L., Enslin, J.H.R. Real-time dynamic control of dynamic power filters in supplies with high contamination 7748
van Harten, A. *see* Zijm, W.H.M. 236
van Hassel, B.A. *see* Dokiya, M. 16737
van Hassel, B.A. *see* Yokokawa, H. 17346
van Hecke, H. A spot imaging Cherenkov counter 46936
Van Hecke, P. *see* Van Huffel, S. 24260
Van Heerden, A., Ferreira, H.C. Modelling of frequency hopped VHF channels in an urban environment and error correction on the channel 14405
Van Hees, K. VM NNTP: a TCP/IP server application for news 30431
van Heesch, E.J.M., van der Laan, P.C.T., Wouters, P.A.A.F. Reflections in energy technology 39612
van Heijningen, P.H., Muys, W., van der Plaats, J.C., Willems, F.W. Crosstalk in a fibre access network demonstrator carrying television and interactive digital services 30827
van Heijningen, P.H. *see* Muys, W. 5897
van Heijst, E., Pedersen, T.P., Pfitzmann, B. New constructions of fail-stop signatures and lower bounds 21526
Van Heijster, R.M.E.M. *see* Van Gigch, J.M. 48184
van Helleputte, H.R.J. *see* Sondag-Huethorst, J.A.M. 19695
van Helleputte, H.R.J.R., Verheijen, M.J., Binsma, J.J.M. Coupling coefficient modulated distributed feedback gratings with e-beam lithography 35779
Van Helleputte, J.C.C., Van Overstraeten, R.J. A strategic approach for valorization of R&D results and technology: the case of IMEC 182
Van Helvoort, M.J.A.M. *see* Van der Laan, P.C.T. 36287
Van Herk, M. *see* Gladstone, D.J. 31972
Van herle, J. *see* McEvoy, A.J. 17372
Van Herreweghen, E. *see* Molva, R. 22550
Van Hese, J. *see* Blomme, K. 27126
van Heuveln, F.H. *see* van Berkel, F.P.F. 17279
van Hilten, O., de Jong, A. The possible effects of electric vehicles on air quality and electricity distribution in Amsterdam 48201
van Hilten, O. *see* Bais, J.M. 48202
Van Himbeeck, C., Deman, I., Dothey, M., Philips, L., Bolsens, I., Rabaeijs, A., De Man, H. Silicon integration of a flexible CDMA/QPSK mobile communication modem 37892
Van Himbeeck, C. *see* de Mateo, M.L. 37935
Van Hoecke, J. Economics drive to the introduction of optical access networks 5907
van Hoesel, R.J.M. *see* McDermott, H.J. 24350
Van Hoesel, S., Kuik, R., Salomon, M., Van Wassenhove, L.N. The single-item discrete lotsizing and scheduling problem: optimization by linear and dynamic programming 33496
van Honk, A. *see* Shmaenok, L. 28026
Van Hoof, C., Genoe, J., Raymond, S., Borghs, G. Giant optical bistable behavior using triple-barrier resonant tunneling light-emitting diodes 3356
Van Hoof, C. *see* Pereira, R. 10904
van Hook, J.P. *see* Wolowodiuk, W. 39970
Van Houdt, J., Haspeslagh, L., Wellekens, D., Deferm, L., Groesenecken, G., Maes, H.E. HIM0S—a high efficiency flash E^2PROM cell for embedded memory applications 34060
Van Houdt, J. *see* Wellekens, D. 34063
van Hout, F.J. *see* Bigelow, M.G. 2384
van Houten, H. *see* Liefrink, F. 19361
van Houten, H. *see* Liefrink, F. 19362
Van Houten, M.A. *see* Van der Laan, P.C.T. 36287
van Hove, M. *see* Aniel, F. 1499
Van Hove, M. *see* de Wolf, I. 10903
Van Hove, M. *see* Maex, K. 10879
Van Hove, M. *see* Pereira, R. 10904
Van Hove, M. *see* Pereira, R. 27567
Van Hove, M. *see* Pereira, R. 27685
Van Hove, M. *see* van Es, C.M. 19382
Van Hove, M. *see* Watte, J. 34597
Van Huffel, S. Enhanced resolution based on minimum variance estimation and exponential data modeling 21735
Van Huffel, S., Aerts, L., Bervoets, J., Vandewalle, J., Decanniere, C., Van Hecke, P. Improved quantitative time-domain analysis of NMR data by total least squares 24260
Van Huffel, S. *see* Stoica, P. 13249
Van Hulle, M.M., Martinez, D. On an unsupervised learning rule for scalar quantization following the maximum entropy principle 10222
Van Hulle, M.M., Tollenaere, T. An adaptive neural network model for distinguishing line- and edge detection from texture segregation 4894
van Kampen, H. *see* Kuppens, S.J.M. 43742
van Kerkhof, J.C., Bergveld, P., Schasfoort, R.B.M. Development of an ISFET based heparin sensor using the ion-step measuring method 47034
van Kesteren, H.W. *see* Ploessl, R. 20157
van Kleef, J. *see* Sitzmann, R. 36255
Van Klinken, J. *see* Buda, A. 7291
van Koelen, B. New messaging facilities at the SOPHO-S operator desk 37663
van Kollenburg, P.A.M. After comakership comes product data interchange 19202
van Laak, F.A.L. Application limits of electromagnetic flowmeters: what do we really know about them?—evaluation of eight different makes 6426
Van Laar, J.A., DePriest, W., Hertz, N. Novel integration concepts for GCC power plants 8216
Van Landegem, T., Vankwikelberge, P., Vanderstraeten, H. A self-healing ATM network based on multilink principles 37337
Van Landuyt, J. *see* Luyten, W. 33632
Van Landuyt, J. *see* Volkov, V.V. 11134
van Lawick van Pabst, J., Krekel, P.F.C. Multi sensor data fusion of points, line segments and surface segments in 3D space 29824
van Leeuwen, H.C. Speech maker formalism: a rule formalism operating on a multi-level, synchronized data structure 4532
van Leeuwen, J. *see* Bakker, E.M. 22369
Van Lieshout, B.C. *see* Prasad, R. 14469
van Linden, O.L. An analytical performance evaluation of a coded OFDM-based transmission scheme, using a Markov model for a frequency selective channel 12880
van Linden, O.L., de Bot, P.G.M., Baggen, S. Performance analysis of 2-DPSK with non-coherent detection on a Ricean fading channel 12821
Van Meerbergen, J. *see* Huisken, J.A. 41940
Van Meerbergen, J.L. *see* van der Werf, A. 26599
Van Meerbergen, J.L. *see* van der Werf, A. 34117
van Meerbergen, J.L. *see* Verhaegh, W.F.J. 26598
van Meirhaeghe, L. *see* Schreutelkamp, R.J. 19646
van Meirhaeghe, R. *see* Schreutelkamp, R.J. 19646
van Meirhaeghe, R.L. *see* Depast, M. 28079
Van Meirhaeghe, R.L. *see* Poelman, D. 3346
van Mieghem, P. Origin of the difference between the capacitance intercept voltage and the built-in potential 34896
Van Mien, H.Dang *see* Dang Van Mien, H.
van Millingen, J.D. *see* Trippe, L.M. 40096
van Miltenburg, J.C. *see* Scholten, M.J. 17262
Van Moorsel, A.P.A. *see* Haverkort, B.R. 37103

van Mulligen, E.M., Timmers, T., van Bemmel, J.H. A new architecture for integration of heterogeneous software components [medical computing] 5571
Van Muylem, H., Lataire, P., Van den Bossche, P., Maggetto, G., Jiang Haijiang, Wang Hong Ping Brussels EV experiment Anno XII: analysis of the impact of EV introduction in urban areas of the electricity distribution 48288
Van Nee, R.D.J. Spread-spectrum code and carrier synchronization errors caused by multipath and interference 21274
van Nes, P.V.M., Steennis, E.F. Experiences gained with the testing of XLPE insulated medium voltage cables with respect to the water treeing phenomenon 24960
Van Ness, J.E. *see* Stagg, G.W. 47419
Van Nguyen, T. Does this mathematica-based software package make teaching obsolete? 29714
van Niekerk, H. Electric road vehicles—expectations and reality 48238
van Niekerk, W. Shortwave infrared solutions for industrial heating 17614
van Nielen, M.F.L. *see* Labrujere, A.C. 6065
van Nielen, M.J.J. UMTS: a third generation mobile system 37763
van Noorden, L. Image communication R&D in RACE—1992-1994 30968
van Nuland, E., Spierings, W. Development of an office holoprinter III 36046
van Oers, W.T.H. *see* Zelenski, A.N. 31635
van Ommen, A.H. *see* Reader, A.H. 34816
van Oorschot, P. *see* Luehrmann, P. 2271
van Oorschot, P. *see* Luehrmann, P. 42798
Van Oorschot, P.C. An alternate explanation of two BAN-logic "failures" 36544
van Oosten, J. *see* van der Graaf, R. 48341
van Oosterom, A. *see* Huiskamp, G.J.M. 39048
van Ooyen, A., Nienhuis, B. Pattern recognition in the neocognitron is improved by neuronal adaptation 36965
van Ormodt, D. *see* van Tongeren, B.P.O. 24263
van Ormondt, D. *see* de Beer, R. 15834
van Ormondt, D. *see* de Beer, R. 38991
Van Overmeire, F. *see* De Moor, P. 24029
Van Overstraeten, R. *see* Demesmaeker, E. 8748
Van Overstraeten, R. *see* Jain, S.C. 34548
Van Overstraeten, R. *see* Poortmans, J. 10681
Van Overstraeten, R.J. The future of micro-electronics in Europe 26263
Van Overstraeten, R.J. *see* Van Helleputte, J.C.C. 182
van Pabst, J.van Lawick *see* van Lawick van Pabst, J.
Van Parijs, R. ECHELON LonWorks technology: at last a generally applicable technology which makes buildings really intelligent 14198
van Parys, H., Allaert, J., Vandewege, J., de Groote, J., Verbiest, W. Burst mode communication in a multipoint to point passive optical network at 155.52 Mb/s 38109
van Petegem, W., Geeraerts, B., Sansen, W., Graindourze, B. Electrothermal simulation and design of integrated circuits 41669
Van Pinxteren, H.M. *see* Custer, J.S. 41272
van Putten, F.J.M. *see* van den Heuvel, J.C. 35979
van Raay, F. *see* Werthof, A. 2580
van Renesse, R. *see* Kaashoek, M.F. 5235
van Renesse, R.L. *(editor)* Optical document security 33247
Van Rensbergen, J. *see* Cavegn, D. 24146
van Rhee, G. *see* Geerligs, J.A.J.M. 16991
van Rheenen, A.D., Lin, Y., Tehrani, S., Chen, C.-L., Smith, F.W. Noise studied of HFETs on low temperature grown GaAs buffers and of MESFETs with low temperature grown GaAs passivation 19898
van Rheenen, A.D. *see* Dong, H. 12227
Van Rheenen, A.D. *see* Yayun Lin 35018
van Rienen, U. Mode analysis of circular waveguide structures using the mode matching technique 46746
Van Rienen, U. *see* Balewski, K. 46775
Van Riper, K.A. *see* Metzger, R. 7502
van Roermund, A.H.M. *see* Otte, R. 33904
van Roermund, A.H.M. *see* van den Broeke, L.A.D. 31033
van Roggen, A., Zhou, H. Data analysis in dielectric time-domain spectroscopy 46574
van Roijen, R., Pennings, E.C.M., van Stalen, M.J.N., van Dongen, T., Verbeek, B.H., van der Heijden, J.M.M. Compact InP-based ring lasers employing multimode interference couplers and combiners 43858
van Roijen, R., van Stralen, M.J.N., Verbeek, B.H., van der Heijden, J.M.M., van Dongen, T., Pennings, E.C.M. Efficient InP based ring laser employing a multimode interference coupler and combiner 35920
van Rooij, G. *see* de Graaf, M.J. 46827
van Rooijen, J. *see* Bouwstra, S. 6389
van Ross, A., Mors, W., Kruger, J.H., Veglio, G.F. Upgrading of old technology locomotives 48239
Van Ross, A. *see* Ferreira, J.A. 47957
Van Rossum, M. Key technologies for future IC manufacturing: a view from Europe 1988
van Rossum, M. *see* Aniel, F. 1499
Van Rossum, M. *see* de Wolf, I. 10903
Van Rossum, M. *see* Maex, K. 10879
Van Rossum, M. *see* Pereira, R. 10904
Van Rossum, M. *see* Pereira, R. 27567
Van Rossum, M. *see* Pereira, R. 27685
Van Rossum, M. *see* van Es, C.M. 19382
Van Rossum, M. *see* Watte, J. 34597
Van Roy, M. *see* Sleeckx, E. 9763
van Run, A.J. *see* Koek, B.H. 28002
van Sark, W.G.J.H.M. *see* Meijer, P.M. 42346
van Sas, J., Catthoor, F., De Man, H. Optimized BIST strategies for programmable data paths based on cellular automata 1158
van Sas, J., Nowe, C., Pollet, D., Catthoor, F., Vanoostende, P., De Man, H. Design of a C-testable Booth multiplier using a realistic fault model 41775
van Schalkwyk, J.J.D. *see* du Preez, W. 14697
Van Schalkwyk, J.J.D. *see* Kotze, J.J. 13830
van Schalkwyk, J.J.D. *see* van der Elst, H. 12617
Van Schijndel, R.A. *see* Sankur, B. 5396
Van Schilfgaarde, M. *see* Jager, N.D. 34891
van Silfhout, A. *see* Lohner, T. 2060
van Son, P.C., Milliken, F.P., Mendez, E.E., Wang, W.I. Low-temperature equilibrium vertical transport through a two-dimensional electron gas 42531
van Son, R.J.J.H. *see* Pols, L.C.W. 4509
van Stalen, M.J.N. *see* van Roijen, R. 43858
van Staveren, H. *see* Kaashoek, M.F. 5235
Van Staveren, H.J. *see* Hudson, E.J. 7501
Van Steenwijk, A. *see* Brombacher, A. 447
van Steerteghem, J.-P. *see* Smith, G. 14150
van Stekelenborg, J. *see* Beaman, J. 15641
van Stralen, M.J.N. *see* van Roijen, R. 35920
Van Stryland, E.W., Sheik-bahae, M., Said, A.A., Hagan, D.J. Characterization of nonlinear absorption and refraction in advanced materials 21066
van Stryland, E.W. *see* Xia, T. 36027
Van Suu, A.Le *see* Le Van Suu, A.
van Swaaij, M.F.X.B. *see* Franssen, F.H.M. 34124
van Swaaij, R.A.C.M.M., Elmer, S.J., Willems, W.P.M., Bezemer, J., Marshall, J.M., Hepburn, A.R. Experimental dark discharge of a-$Si_{1-x}C_x$:H films and its comparison to Monte Carlo simulations 42437
Van Swaaij, R.A.C.M.M., Willems, W.P.M., Bezemer, J., Lokker, H.J.P., Van Der Weg, W.F. Degradation of amorphous silicon based photoconductors by corona discharge 27673
Van Swaaij, R.A.C.M.M. *see* Bayley, P.A. 42435
van Tartwijk, G.H.M. *see* Lenstra, D. 44124
Van Til, R.P. *see* Lipset, R. 40883
van Tilborg, C.A. *see* Fang, G. 12847
van Tilborg, H.C.A. *see* Feng-Wen Sun 36461
van Tilburg, J. Two chosen-plaintext attacks on the Li-Wang joint authentication and encryption scheme 12857
van Tilburg, J. Cryptanalysis of the Alabbadi-Wicker digital signature scheme 12875
van Tilburg, J. Secret-key exchange with authentication 21580
van Tilburg, J. *see* Meijers, J. 12881
van Till, J.W.J.baron *see* baron van Till, J.W.J.
van Tongeren, B.P.O., de Beer, R., Mehlkopf, A.F., van Ormodt, D. An Intelligent Spin Imaging Signal Processor (ISISP) for the in vivo MR domain 24263
van Tran, H. Low power supply BiCMOS SRAM circuit design issues 10169
Van Troyen, D. *see* Van der Perre, L. 37725
van Vechten, D., Blamire, M.G., Fritz, G.G., Kirk, E.C.G., Saulnier, G., Warburton, P.A., Wood, K.S., Zacher, R. Design considerations for STJ X-ray detectors 24131
Van Vechten, D. *see* Zacher, R.A. 20193
van Veen, A., Greuter, M.J.W., Niesen, L., Nielsen, B., Lynn, K.G. Noble gas incorporation in sputtered and ion beam assisted grown silicon films 10813
van Veen, A. *see* La Via, F. 2236
van Veen, A. *see* La Via, F. 18147
Van Veen, B.D. *see* Sharma, R. 45008
Van Veldhoven, P.J. *see* De Keijser, M. 33746
van Veldhoven, P.J. *see* Dormans, G.J.M. 9779
van Veldhuizen, E.M. *see* Creyghton, Y.L.M. 46664
van Velzen, G.A. Instabilities in Kohonen's self-organizing feature map 34205
Van Vliet, J. *see* Haas, D. 47669
van Vliet, L.J. *see* Verwer, B.J.H. 45204
van Vlijmen, B. *see* Klusener, S. 37616
Van Vooren, E. *see* Divljakovic, V. 35180
Van Vreeswijk, C. *see* Abbott, L.F. 1100
van Vuuren, P. Process analytics: an integrated approach to on-line and off-line functionality and organizational support 26217
Van Wassenhove, L.N. *see* Van Hoesel, S. 33496
van Waveren, A. *see* Klusener, S. 37616
van Wee, G.J.M. Some new lower bounds for binary and ternary covering codes 21628
van Weerden, H.J. *see* Hoekstra, T.H. 38078
van Werkhoven, G.H.C., Schep, T.J. Closure relations in macroscopic FEL equations 43990
van Wesenbeeck, M.P.N., Klaassens, J.B. Controllable AC-AC converter with soft-switching 17061
Van Wie, B.J. *see* Eray, M. 23741
van Wijk, R.F. *see* Zondervan, A. 46867
van Wijngaarden, A.de Lind *see* de Lind van Wijngaarden, A.
van Winden, J. *see* Qihua, T. 17642
Van Wingerden, D.J. *see* Fuerst, C.D. 2783
Van Winkle, J. *see* Sinha, D. 17643
van Woesik, E.T.C., Post, J. New generation connectors for plastic fibre 5884
van Woesik, E.Th.C., Post, J. N*N Bi-directional transmissive starcoupler 2961
Van Wonterghem, B.M., Speck, D.R., Norman, M., Wilcox, R.B., Karpenko, V.P., Richards, J.B. A compact and versatile pulse generation and shaping subsystem for high energy laser systems 35946
Van Wonterghem, B.M. *see* Wilcox, R.B. 35715
van Wuijtswinkel, R.C. *see* Witteman, M.F. 30542
Van Wyk, J.D. Power quality, power electronics and control 16304
van Wyk, J.D. *see* Blajszczak, G. 16245
van Wyk, J.D. *see* Blajszczak, G. 16249
van Wyk, J.D. *see* Blajszczak, G. 39539
van Wyk, J.D. *see* Campbell, C.K. 8731
van Wyk, J.D. *see* Case, M.J. 17069
van Wyk, J.D. *see* Dunford, W.G. 33105
Van Wyk, J.D. *see* Ferreira, J.A. 47957
van Wyk, J.D. *see* Hofsajer, I.W. 8600
van Wyk, J.D. *see* Smit, M.C. 1033
van Wyk, J.D. *see* Steyn, B.M. 48349
Van Wyk, J.D. *see* Stielau, O.H. 18486
van Zanten, A.J. Minimal-change order and separability in linear codes 44683
Van Zee, J. *see* Begay, M.J. 338
Van Zeghbroeck, B. *see* Jordan, H.F. 28557
van Zomeren, A. *see* Liquan Chen 48097
van Zyl, J.J., Chapman, B.D., Dubois, P., Shi, J. The effect of topography on SAR calibration 32062
van Zyl, J.J. *see* Rignot, E.J. 14682
van Zyl, J.J. *see* Rignot, E.J.M. 24460
Van Zyl, M.W. *see* Inggs, M.R. 14694
Van Zytveld, J.B. *see* Verbrugge, D.M. 1872
Vanagas, E. Transmission of bipolar electromagnetic video pulses through a thin semiconductor film with a quantum superlattice 1895
Vanbekbergen, P., Lin, B., Goossens, G., De Man, H. A generalized state assignment theory for transformations on signal transition graphs 26307
Vanbekbergen, P., Lin, B., Goossens, G., De Man, H. A generalized state assignment theory for transformations on signal transition graphs 41602
Vanbesien, O. *see* Bouregba, R. 34258
Vanbesien, O. *see* Grandidier, B. 42838
VanBlaricum, M.L. Photonic systems for antenna applications 46029
VanBlaricum, M.L. *see* Grace, M.P. 44609
Vanbremeersch, J. *see* de Murcia, M. 10670
Vanbremeersch, J. *see* Francois, M. 1563
Vance, C.F. Optimizing system performance using self-analysis techniques [DSP chips] 41972
Vance, R. *see* Sandham, W. 47122
Vance, R.W.C., Love, J.D. Asymmetric adiabatic multiprong for mode-multiplexed systems 14630
Vance, R.W.C., Love, J.D. Asymmetric adiabatic Y-splitters for mode-multiplexed systems 38044
Vancers, I., Hormozi, F.J. A summary of North American HVDC converter station reliability specifications 24896
Vancraeynest, J. *see* Dagen, A.J. 37808
Vancu, A. *see* Ionescu, R. 34525
Vancu, A. *see* Ionescu, R. 38580
VanDalen, G.J. *see* Anderson, G. 38901
Vandali, A.E. *see* McDermott, H.J. 24350
Vandamme, L.K.J., Kibeya, S., Orsal, B., Alabedra, R. 1/f noise and thermal noise of a $GaAs/Al_{0.4}Ga_{0.6}As$ superlattice 19365
Vandamme, L.K.J., Li, X., Rigaud, D. 1/f noise in MOS transistors due to number or mobility fluctuations 19807
Vandamme, L.K.J. *see* de Murcia, M. 10671
Vandamme, L.K.J. *see* Hoffmann, A. 19809
Vandamme, L.K.J. *see* Li, X. 19811
Vande Keere, V., Meuris, B., Vandewege, J. Embedded real-time intelligence in the physical layer of telecommunication networks 5618
Vande Vyvre, P. *see* Bozzoli, W. 38923
Vande Wouwer, A., Zeitz, M., Point, N., Remy, M. On-line implementation of a nonlinear distributed observer for a multizone furnace—comparative study with a nonlinear filter 17612
Vandenabeele, P. *see* Schreutelkamp, R.J. 18252
Vandenberg, J.M. *see* Temkin, H. 3591
Vandenbosch, G., van de Capelle, A. Simulation of an EMC reference site in a near-field antenna range 36264
Vandenbosch, G. *see* Demuynck, F. 44556
Vandenbosch, G.A.E., Demuynck, F.J., Van de Capelle, A.R. The transmission line models: past, present, and future 21376
Vandenbosch, G.A.E. *see* Demuynck, F.J. 28292
Vandendorpe, L. CQF filter banks optimized for subband zonal sampling and distortion minimization 13471
Vandendorpe, L. Multitone system in an unlimited bandwidth multipath Rician fading environment 22891

Vandendorpe, L. Multitone direct sequence CDMA system in an indoor wireless environment 37092
Vandendorpe, L. Multitone transmission in a multipath Rician fading channel 37889
Vandendorpe, L. Multitone spread spectrum communication systems in a multipath Rician fading channel 45848
Vandendorpe, L. *see* Cuvelier, L. 30994
Vandendorpe, L. *see* Delogne, P. 29949
Vandendorpe, L. *see* Ryckaert, R. 37890
Vandenhoudt, D.E.W. *see* Craciun, V. 34723
Vandenhoudt, D.E.W. *see* Oostra, D.J. 2016
Vandenput, A. *see* Shihe, Z. 16812
Vandeplassche, D. *see* Asseo, E. 15383
Vandeplassche, D. *see* Cesari, G. 7470
Vander Molen, A. *see* Fox, R. 46323
Vander Molen, A. *see* Maier, M. 31783
Vander Sande, J.B. *see* Solorzano, I.G. 10675
Vander Vorst, A. Microwave bioelectromagnetics in Europe 7496
Vander Vorst, A. Microwave education in Belgium 17753
Vander Vorst, A. *see* Kezai, T. 42164
Vanderaar, M. *see* Budinger, J.M. 14568
Vanderbei, R.J. Interior-point methods: algorithms and formulations 41097
Vandergheynst, A. *see* Haas, D. 47669
Vanderglas, M.L. *see* Ho, E.T.C. 8081
Vandergriff, D. *see* Abbott, B. 7245
Vanderhaghen, R., Amokrane, R., Han, D., Silver, M. Effect of light-induced degradation on photoconductive gain in a-Si:H n-i-p devices 35586
VanderHeiden, R.H. *see* Arkadan, A.A. 40279
VanderHeiden, R.H. *see* Arkadan, A.A. 47856
Vanderlugt, A. *see* Wardlaw, M.J. 36925
Vandermaar, A.J., Wang, M.G., Neilson, J.B., Srivastava, K.D. The characteristics of oil-paper insulation under fast front impulse voltages 43163
Vandermeulen, D., Verbeeck, R., Berben, L., Suetens, P., Marchal, G. Continuous voxel classification by stochastic relaxation: theory and application to MR imaging and MR angiography 39031
Vandermeulen, D. *see* Malfait, M. 29854
Vandermeulen, D. *see* Verbeeck, R. 24210
Vanderplaats, N.R. *see* Freund, H.P. 1809
Vanderplaats, N.R. *see* Freund, H.P. 34481
Vanderpoorten, W. *see* De Moor, P. 24029
Vanderschoot, J., Schreur, H.J.W. AR (q, v) modeling of normal lung sounds 38958
Vanderstraeten, H. *see* Van Landegem, T. 37337
Vandervorst, W., Privitera, V., Raineri, V., Clarysse, T., Pawlik, M. Two-dimensional spreading resistance profiling: recent understandings and applications 46568
Vandervorst, W. *see* Caymax, M. 42622
Vandervorst, W. *see* Clarysse, T. 42618
Vandervorst, W. *see* Czech, I. 42619
Vandervorst, W. *see* Maex, K. 10879
Vandervorst, W. *see* Pereira, R. 27567
Vandervorst, W. *see* Snauwaert, J. 42542
Vandeursen, H. *see* Wevers, M. 18370
Vandevelde, P. *see* Opdenberg, P. 16448
VanDevender, B.L. *see* Beacham, J. 23878
Vandevenne, R. Method of data collection and results regarding special quality aspects of the Belgian HV and MV networks 25068
Vandewalle, J., Govaerts, R., Preneel, B. Technical approaches to thwart computer fraud 22649
Vandewalle, J. *see* Bosselaers, A. 22650
Vandewalle, J. *see* Daemen, J. 12897
Vandewalle, J. *see* Daemen, J. 12939
Vandewalle, J. *see* Daemen, J. 12968
Vandewalle, J. *see* Daemen, J. 29489
Vandewalle, J. *see* Dehaene, J. 1366
Vandewalle, J. *see* Preneel, B. 21560
Vandewalle, J. *see* Preneel, B. 21578
Vandewalle, J. *see* Suykens, J.A.K. 26659
Vandewalle, J. *see* Van Huffel, S. 24260
Vandewalle, J. *see* Verschuren, J. 22558
Vandewalle, J., Boite, R., Moonen, M., Oosterlinck, A. *(editors)* Signal Processing VI - Theories and Applications. Proceedings of EUSIPCO-92, Sixth European Signal Processing Conference 9127
Vandewalle, J. *see* Preneel, B. *(editor)* 17666
Vandewege, J. *see* van Parys, H. 38109
Vandewege, J. *see* Vande Keere, V. 5618
VanDewoestine, R.V. *see* Antos, A.J. 35411
Vandormael, L. *see* Blomme, K. 27126
VanDyke, J. *see* Jordan, K. 15295
Vandyukov, E.A. *see* Bazhanov, Yu.V. 15070
Vanecek, A., Celikovsky, S. Chaos synthesis via root locus 33859
Vanecek, D. *see* Priest, J. 34416
Vanek, O. *see* Kempny, M. 14979
Vaneldik, J.F. *see* Valk, E.C. 23872
Vanfleteren, J. *see* Capon, J. 15073
Vanfleteren, J. *see* Capon, J. 43616
Vanfleteren, J. *see* De Baets, J. 27768
Vanfleteren, J. *see* De Baets, J. 31371
Vanfleteren, J. *see* De Smet, H. 31359
Vang, T. *see* Daryanani, S.L. 23597
Vang, T. *see* Micovic, M. 28808
Vang, T.A. *see* Kiely, P.A. 43026
Vangen, K., Melaa, T., Adnanes, A.K., Kristiansen, P.E. Dual active bridge converter with large soft-switching range 17070
VanGorden, S., Hutton, J., Fassett, D., Carbone, J. SICam—a PC compatible digital instrumentation camera incorporating a large pixel 512×512 format charge injection device (CID) 6575
Vanhanen, J.P. *see* Kauranen, P.S. 16720
Vanhecke, B. *see* De Schepper, L. 26168
Vanhellemont, J. *see* Ohyama, H. 19698
Vanhellemont, J. *see* Romano-Rodriguez, A. 2082
Vanhellemont, J. *see* Schreutelkamp, R.J. 19646
Vanhellemont, J. *see* Wu, M.F. 10882
Vanhellemont, J. *see* Wu, M.F. 27642
Vanheusden, K. *see* Stesmans, A. 19452
Vanhoenacker, D. *see* Vasseur, H. 21262
VanHorn, J. *see* Radke, C.E. 337
VanHorn, J. *see* Radke, C.E. 9254
Vanhove, H. *see* Van der Perre, L. 37725
Vani, M.B. *see* Keshava Murthy, V. 45710
Vanier, D.J. Minicode Generator: a methodology to extract generic building codes 44731
Vanier, J., Gagnepain, J.J., Riley, W.J., Walls, F.L., Granveaud, M. Aging, warm-up time and retrace: important characteristics of standard frequency generators (Proposal for IEEE Standards Project P1193) 23764
Vanisri, T., Toumazou, C. The optoelectronic inductor: a new approach to high frequency, high Q active filters 1313
Vankayala, V.S.S., Rao, N.D. Artificial neural networks and their applications to power systems — a bibliographical survey 16134
Vankayala, V.S.S., Rao, N.D. Power system security enhancement using a coupled ANN-ES scheme 24835
Vankemmel, R.C., Schoenmaker, W., Cartuyvels, R., De Meyer, K.M. Scaling considerations of the constitutive equations in a 2-D finite element heterojunction simulator PRISM 28065
VanKessel, T.G. *see* Sturtevant, J.L. 2292
Vanko, J. *see* Bosio, C. 15618
Van'ko, V.I. *see* Astakhov, Yu.N. 24995
Vankwikelberge, P. *see* Van Landegem, T. 37337
Vannelli, A. *see* Vargas, L.S. 24723
Vanneste, L. *see* De Moor, P. 24029
Vanneste, S.G. *see* van der duyn Schouten, F.A. 26140
Vanneuville, J., Gevaert, D., Sevenhans, J. Full custom design of a 8-bit subranging flash A/D converter 10219
Vanni, R. *see* Andreuccetti, D. 15906
Vanni, U. *see* Beaumont, S.P. 15637
Vannicola, V. *see* Willett, P. 4749
Vannicola, V.C., Slaski, L.K., Genello, G.J. Knowledge based resource allocation for multifunction radars 30879
Vannicola, V.C. *see* O'Sullivan, J.A. 23094
Vannicola, V.C. *see* Poore, A.B. 29640
Vannier, C. *see* Brunet, H. 11991
Vannikov, A.V. *see* Nekrasov, A.A. 28615
Vannini, G. *see* Filicori, F. 27216
Vannini, G. *see* Filicori, F. 28194
Vannini, G. *see* Filicori, F. 28209
Vannini, M. *see* Franceschini, M.A. 11996
Vannini, R. *see* Damosso, E. 37869
Vannucci, D. *see* Gargiuli, R. 7845
Vannucci, G., Roman, R.S. Measurement results on indoor radio frequency re-use at 900 MHz and 18-GHz 36183
Vano, E. *see* Guibelalde, E. 24163
Vano, E. *see* Llorca, A.L. 24164
Vano, E. *see* Moran, P. 15789
Vano Carruana, E. *see* Contento, G. 15787
Vanolo, M. *see* Lacquaniti, V. 7187
Vanoostende, P. *see* van Sas, J. 41775
Vanotti, P. *see* Tang, D.Y. 35651
Vanparijs, R. Graphical information systems for the access network 5361
Vanpoucke, F., Moonen, M. A systolic algorithm for robust adaptive beamforming using an adjustable constraint 36739
Vanselow, M., Isele, B., Weigel, R., Russer, P. 3D-TLM analysis of high-temperature superconducting coupled-coplanar transmission lines 12709
Vanstone, S.A. *see* Menezes, A.J. 12919
Vanstone, S.A. *see* Menezes, A.J. 36455
van't Spijker, J.C. *see* Hoekstra, H.J.W.M. 3102
Vantomme, A., Nicolet, M.-A., Gang Bai, Fraser, D.B. Growth of epitaxial $CoSi_2$ on Si(100) using Si(100)/Ti/Co bilayers 18148
Vantomme, A. *see* Lie, D.Y.C. 2080
Vanuxem, J.P. *see* Dell'Acqua, A. 7283
Vanuxem, J.P. *see* Dell'Acqua, A. 46998
Vanvick, T.W. *see* Grover, R.L. 8170
Vanvuchelen, P. *see* Minten, W. 25921
Vanwelsenaers, A. *see* Sevenhans, J. 22870
Vanysek, P. *see* Krejci, I. 25651
Vanyushkin, Yu. *see* Buzulutskov, A. 46931
Vanzetti, L. *see* Bratina, G. 1908
Vanzetti, R. Laser generated infrared signature controls simultaneous soldering and inspection of SMT, FPT and TAB joints 33355
Vanzura, M. *see* Kus, J. 8363
VanZytveld, J. *see* Franghiadakis, Y. 18245
Vapaille, A. *see* Gergam, E. 2032
Vapirev, E.I., Sueva, D., Spassov, V., Chikov, N., Ivanov, I. Detection of β-particles, conversion electrons and γ-rays with silicon planar detectors 46923
Vapirev, E.I. *see* Bonchev, T. 24083
Vapirev, E.I. *see* Sueva, D. 7179
Vaquer, M., Mallorqui, J.J., Cardama, A., Jofre, L. Bidimensional scattering of TM and TE polarized waves by dielectric bodies using the CG-FFT method: application to mobile communications systems 30627
Vaquila, I. *see* Passeggi, M.C.G., Jr. 2194
Varachi, J.P., Jr. *see* Briggs, P.R., Jr. 5708
Varachi, J.P., Jr. *see* Yuce, H.H. 5875
Varachi, J.P., Jr. *see* Yuce, H.H. 5922
Varada Raj, P.Sundar *see* Sundar Varada Raj, P.
Varadan, S. *see* Makram, E.B. 7816
Varadan, V.K., Varadan, V.V. Smart skin antenna technology 24409
Varadan, V.K., Varadan, V.V., Zhen Wu Smart sensor systems for underwater acoustic applications 23227
Varadan, V.K. *see* Aiguo Yin 23524
Varadan, V.K. *see* Kim, J. 23523
Varadan, V.K. *see* Ma, Y. 21454
Varadan, V.K. *see* Selmi, F. 18306
Varadan, V.K. *see* Selmi, F. 18982
Varadan, V.K. *see* Terosky, J.E. 21273
Varadan, V.K. *see* Varadan, V.V. 11406
Varadan, V.K. *see* Varadan, V.V. 32139
Varadan, V.K. *see* Varadan, V.V. 46578
Varadan, V.V., Liang Chi Chin, Varadan, V.K. Finite-element modeling of flextensional electroacoustic transducers 32139
Varadan, V.V., Ro, R., Varadan, V.K. Measurement of the electromagnetic properties of chiral composite materials in the 8-40 GHz range 46578
Varadan, V.V., Varadan, V.K. Smart structures—Modeling and applications 11406
Varadan, V.V. *see* Aiguo Yin 23524
Varadan, V.V. *see* Kim, J. 23523
Varadan, V.V. *see* Ma, Y. 21454
Varadan, V.V. *see* Selmi, F. 18306
Varadan, V.V. *see* Selmi, F. 18982
Varadan, V.V. *see* Terosky, J.E. 21273
Varadan, V.V. *see* Varadan, V.K. 23227
Varadan, V.V. *see* Varadan, V.K. 24409
Varadanyan, R.R. Effect of magnetic field on back current of p-n junction 10687
Varadarajan, R., Augustine, F. Efficient time-space mappings of nested loops onto multidimensional systolic arrays with a flexible buffer scheme 34103
Varadarajan, R., Bamji, C.A. Cloning techniques for hierarchical compaction 26591
Varadarajan, T.S. *see* Bangar Raju, B. 35700
Varadharajan, V. Authentication in mobile distributed environment 22901
Varadharajan, V. *see* Katsavos, P. 22336
Varah, J.M. Errors and perturbations in Vandermonde systems 41150
Varahramyan, K. *see* Hanafi, H.I. 42957
Varailhon de la Filolie, B. *see* Vahldieck, R. 12696
Varaiya, P. Protocol design for an automated highway system 45359
Varaiya, P. *see* Chin-Woo Tan 39472
Varaiya, P. *see* Low, S. 5154
Varaiya, P. *see* McKeown, N. 22305
Varaiya, P. *see* Yee, J. 5331
Varaiya, P.P. *see* Hsiao-Dong Chiang 32288
Varaiya, P.P. *see* Low, S.H. 30280
Varaiya, P.P. *see* Plotkin, N.T. 5543
Varaksin, V.V. *see* Pavlovskii, A.I. 28713
Varaldi, J. *see* Cavers, J.K. 22833
Varaldi, J.L. *see* Ho, P.K. 4367
Varandas, C.A.F. *see* Simoes, P.C.S. 23471
Varanelli, J.M., Cohoon, J.P. Two-stage simulated annealing 18043
Varani, L., Reggiani, L., Kuhn, T., Houlet, P., Vaissiere, J.C., Nougier, J.P., Gonzalez, T., Pardo, D. Number and current fluctuations in submicron semiconductor structures 19707
Varani, L. *see* Gonzalez, T. 11126
Varani, L. *see* Gonzalez, T. 19360
Varani, L. *see* Gruzinskis, V. 19025
Varani, L. *see* Gruzinskis, V. 42827
Varani, L. *see* Reggiani, L. 19714
Varanini, M. *see* Balocchi, R. 39046
Varchenko, V.K., In'kov, Yu.M., Ozerov, V.I., Ozerov, M.I., Chumak, V.V. Locomotive power source for centralized power supply of passenger-train cars 40615
Varchenko, V.K. *see* Bratash, V.A. 40686
Varchenya, V., Gubatova, D., Sidorin, V., Kalnitsky, S. Children's heterogeneous phantoms and their application in rontgenology 24172
Varcoe, J.A. *see* Suryanarayana, D. 40935
Vardaman, E.J., Crowley, R.T. Regional competitive analysis of the global MCM industry infrastructure 9360
Vardanyan, R.R. Influence of the magnetic field on the Schottky-diode photocurrent 10694
Vardanyan, S.H. *see* Arutyunyan, V.M. 40393
Vardaxoglou, J.C. *see* Iyer, M.K. 9291
Vardelle, A. *see* Vardelle, M. 33745
Vardelle, M., Vardelle, A., Fauchais, P., Moreau, C. Pyrometer system for monitoring the particle impact on a substrate during a plasma spray process 33745
Vardeman, S. *see* Jackman, J. 38715
Vardeman, S.B. *see* Wiel, S.A.V. 26231
Vardenga, G.L. *see* Aksinenko, V.D. 7265
Vardiambasis, I.O. *see* Tsalamengas, J.L. 21301

Vardy, A., Be'ery, Y. Maximum likelihood decoding of the Leech lattice 21632
Vardy, A., Etzion, T. Some constructions of perfect binary codes 12858
Vard'ya, V.P. *see* Armand, N.A. 12790
Varela, A. *see* Labeau, M. 6640
Vareltzis, G. *see* Stephanidis, C. 37567
Varfolomeev, A.A. *see* Urbanus, W.H. 3408
Varfolomeyev, A.M. Light information systems employing multitarget diversity filtering 23046
Varga, I.K. *see* Folkard, M.A. 9563
Varga, L. Determination of the current distribution and current load of overhead line conductors 7975
Varga, L. *see* Gardos, M. 32482
Varga, L.D. *see* Losic, N.A. 41663
Vargas, E. *see* Sathaye, J. 48466
Vargas, F. *see* Nicolaidis, M. 35082
Vargas, J.V.C. *see* Bejan, A. 33154
Vargas, L.S., Quintana, V.H., Vannelli, A. A tutorial description of an interior point method and its applications to security-constrained economic dispatch 24723
Vargas, R. *see* Wei Zhang 33651
Vargheese, O.J., Das, A.L., Sinha, B.K., Das, B.N. Modes in E-plane and H-plane sectoral horns 29322
Varghese, J.P. *see* Basha, A.M. 9023
Varghese, M. *see* Chin-Woo Tan 39472
Varghese, T. *see* Donohue, K.D. 7397
Vargin, G.P. *see* Savin, A.P. 47243
Vargo, F.R. *see* Deluliis, N.J. 8131
Vargovic, E. *see* Mehmedovic, M. 24617
Varhol, P.D. *see* Farley, J.F. 14870
Varhue, W.J. *see* Rogers, J.L. 9738
Variale, V. *see* Boscolo, I. 43699
Varian, K.R. *see* Ikalainen, P.K. 1527
Varichenko, V.S. *see* Bondarenko, V.P. 28682
Varin, O. *see* Contento, G. 15787
Varker, C.J. *see* Dreyer, M.L. 42766
Varkey, A.J., Fort, A.F. Transparent conducting cadmium oxide thin films prepared by a solution growth technique 33676
Varkur, K.L. *see* Mitsa, T. 29763
Varley, B. *see* Shwe, C. 19521
Varley, M.R. *see* Qiu, G. 13824
Varlow, B.R. Water treeing in insulating liquids 43160
Varlow, B.R. *see* Auckland, D.W. 2705
Varlow, B.R. *see* Auckland, D.W. 25579
Varlow, B.R. *see* Auckland, D.W. 28314
Varlow, B.R. *see* McGrail, A. 28312
Varma, A., Sahai, V., Bryant, R. Performance evaluation of a high-speed switching system based on the fibre channel standard 13897
Varma, A. *see* Chalasani, S. 22317
Varma, A. *see* Ghosh, J. 45295
Varma, C.A.G.O. *see* Vleggaar, J.J.M. 11007
Varma, H.K., Mani, T.V., Warrier, K.G.K., Damodaran, A.D., Balachandran, U. Sintering of thin sheets of alumina prepared by the sol-spray technique 41498
Varma, I., Varma, P.K. Telecommunication in elementary social studies 22381
Varma, P.K. *see* Varma, I. 22381
Varma, S.P. *see* Gupta, D. 20954
Varma, S.S. *see* Chandra, A. 25777
Varma, V.S. *see* Gadre, D.V. 45610
Varney, J. *see* Mallette, L.A. 47207
Varney, J. *see* Rosenthal, M.S. 41027
Varniere, F. *see* Agius, B. 18276
Varno, M., McKinley, M. Reliability-based maintenance evaluations and standard preventive maintenance programs 32566
Varona, J.M. *see* Alvarez, J.A. 9827
Varpakhovich, A.G. *see* Rubinov, A.N. 35701
Varri, A., Neejarvi, J., Neuvo, Y. A new class of filters to remove artifacts from physiological signals 24158
Varri, A. *see* Elo, P. 7456
Varri, A. *see* Hasan, J. 15847
Varri, A.O., Grote, L., Penzel, T., Cassel, W., Peter, J.H., Hasan, J. A new method to study blood pressure, heart rate and EEG as a function of reaction time 39071
Varriano, J.A. *see* Xie, K. 3645
Varriano, J.A. *see* Xie, K. 35819
Varrientos, J.E., Sanchez-Sinencio, E. CELLSIM: a cellular neural network simulator for the personal computer 18922
Varrin, R.D., Jr., Ferriter, A.M., Oliver, T.W., Le Surf, J.E. Benefits of integrating chemical and mechanical cleaning processes for steam generator sludge removal 16568
Varrio, J. *see* Riesz, F. 33600
Varshavsky, V. *see* Kishinevsky, M. 33978
Varshney, P., Kumar, S., Salt, J.E. Performance of GMSK with two-bit differential detection in a land mobile radio channel 37844
Varshney, P., Salt, J.E., Kumar, S. BER analysis of GMSK with differential detection in a land mobile channel 22852
Varshney, P. *see* Slamani, M. 14689
Varshney, P. *see* Tsao, T. 14688
Varshney, P.K. *see* Dey, S. 22584
Varshney, P.K. *see* Hashlamoun, W.A. 36641
Varshney, P.K. *see* Michels, J.H. 44995
Varshney, R.K. *see* Kumar, A. 20332
Vartanian, M., Youngman, R., Gibson, D., Drumheller, J., Frankel, R. Polycapillary collimator for point source proximity X-ray lithography 27995
Varteresian, M. *see* Noonan, J.P. 13228
Vartiainen, E.M. *see* Peiponen, K.-E. 6800
Vartsky, D. *see* Breskin, A. 42352
Vartsky, D. *see* Malamud, G. 46899
Varughese, J., Krishna Moorthy, P.A. Application of dielectric dissipation factor as a tool to optimize the drying cycle for PT coils [potential transformers] 16932
Varvaressos, K. *see* Jussila, P. 37304
Varvarskii, V.S. *see* Prutkovskii, E.N. 8225
Vary, P. *see* Acker, C. 22701
Vas, P., Jian Li, Stronach, F. Simulation of various vector-controlled drives 40564
Vas, P., Li, J. Simulation of vector-controlled induction motor drives 40539
Vasant Kumar, C.V.R. *see* Barrow, D. 9691
Vasant Kumar, C.V.R. *see* Sayer, M. 28322
Vasanth, K., Nakata, M., Wagner, S., Bennett, M. Measurement and modeling of a-Si,Ge:H solar cell performance after high-intensity light soaking 33053
Vasara, A. *see* Turunen, J. 12423
Vascotto, A. *see* Bozzoli, W. 38923
Vaseghi, S.V., Conner, P. Hidden Markov models with combined state transition and duration probabilities 13135
Vaseghi, S.V., Conner, P.N., Milner, B.P. Speech modelling using cepstral-time feature matrices in hidden Markov models 4468
Vasek, J.R. *see* Dones, F. 7537
Vasentsov, M.V. *see* Bazhenov, V.Yu. 21027
Vashchenko, L.E. *see* Korepanov, V.E. 41703
Vashkovskiy, A.V., Zubkov, V.I., Lokk, E.G., Shcheglov, V.I. Propagation of surface magnetostatic waves in transversely inhomogeneous magnetic fields 44231
Vasi, J. *see* Mallik, A. 34632
Vasi, J. *see* Patrikar, R.M. 1952
Vasi, J. *see* Patrikar, R.M. 19461
Vasilakos, A.V., Paximadis, C.T., Maritsas, D.G. Congestion avoidance scheme for ISDN frame relay networks 5461
Vasil'chenko, V.G. *see* Antipov, A.V. 7196
Vasilchenko, V.G. *see* Cianfarani, C. 31731
Vasile, M.J. *see* Griffith, J.E. 27927
Vasile, S. *see* Gordon, J.S. 15099
Vasileiadis, G. *see* Bachler, J. 46915
Vasileiadis, G. *see* Bachler, J. 46934
Vasileiadis, G. *see* Baechler, J. 46909
Vasilenko, A.I., Knizhnik, E.I., Pugach, V.M., Sidorenko, P.G. Application of CR-39 plastic as a dielectric track detector under plant cells irradiated with 10 MeV/nucleon ^{14}N ions 38907
Vasilenko, O.I. Propagation of a voltage pulse in a stripline with an electron beam 34209
Vasilenko, V. *see* Bykov, Yu.M. 8593
Vasilenko, V.A. *see* Baklanova, O.E. 45043
Vasilenko, Yu.N., Il'inskiy, A.S., Kharlanov, Yu.Ya. Modeling waveguide-horn radiators having an arbitrary cross section 12740
Vasilescu, G. *see* Vallete, F. 10472
Vasilescu, G. *see* Vallette, F. 10429
Vasilets, T.E. *see* Tolkunov, V.P. 8448
Vasil'ev, A.B. *see* Borul'ko, V.F. 41541
Vasil'ev, A.N., Buchelnikov, V.D. Theory of electromagnetic generation of transverse ultrasound in ferromagnets 2787
Vasil'ev, A.N., Voloshok, T.N., Gaidukov, Yu.P., Danilova, N.P. Nature of the delayed photoconductivity in PbTe(Ga) 34552
Vasil'ev, A.N. *see* Asseev, A.A. 15403
Vasil'ev, A.S., Balkabukh, A.I., Ovcharenko, A.E. High-frequency transistor inverters with an inductive load 33890
Vasil'ev, A.V., Galyaev, A.N., Kotov, I.V., Bahr, J., Schwind, A., Mandzhavidze, I.Z. Main ratings of a 1024-channel scintillation hodoscope 7211
Vasil'ev, A.V., Kotov, I.V., Kuptsov, M.A., Kurbakov, V.I., Mandzhavidze, I.Z., Semenov, B.V., Soldatov, A.P., Schwind, A. Muon identifier in the tagged neutrino experiment 7195
Vasil'ev, G.A. *see* Belov, A.S. 31627
Vasilev, M.G. *see* Luyten, W. 33632
Vasilev, M.G. *see* Volkov, V.V. 11134
Vasil'ev, M.I. *see* Gaponenko, S.V. 3793
Vasil'ev, M.K. *see* Akimov, N.K. 16689
Vasilev, P.B. *see* Tron, A.M. 15451
Vasil'ev, P.P. High-power high-frequency picosecond pulse generation by passively Q-switched 1.55 μm diode lasers 12154
Vasil'ev, P.P. *see* Tsang, H.K. 3804
Vasil'ev, P.P. *see* White, I.H. 12254
Vasil'ev, P.P. *see* Williams, K.A. 35822
Vasil'ev, S.N. *see* Barankevich, V.I. 40614
Vasilev, V.D. *see* Andreev, A.Ts. 15051
Vasil'ev, V.I. Ergatic system for space synthesis in pattern recognition learning 36679
Vasil'ev, Yu.B. *see* Ivanov, Yu.L. 44173
Vasil'eva, A.N., Gulyaev, K.S., Kovalev, A.S. Two regimes for heating by a microwave discharge in a magnetic field 27397
Vasileva, R.V., Erofeev, A.V., Zuev, A.D. Ionizationally unstable plasma of pure inert gas-working substance in closed-cycle MHD generator 25832
Vasilevskiy, M.I., Andreev, A. Yu., Kuznetsov, V.P. A microkinetic model for doping of silicon layers during molecular-beam epitaxy 774
Vasiliadou, E. *see* Weiss, D. 42530
Vasiliev, A. *see* Schmidt, A. 42512
Vasiliev, A.G. *see* Kiselev, N.A. 10973
Vasiliev, A.L. *see* Kiselev, N.A. 10973
Vasiliev, A.M. *see* Kosykh, A.V. 20082
Vasiliev, L.M. *see* Ageev, A.I. 15546
Vasilieva, I.A. *see* Deputatova, L.V. 25813
Vasiliu, M., Hantila, I.F. Eigenfunction expansion in a non-sinusoidal magnetic shielding problem 44472
Vasiliu, M. *see* Hantila, F. 29235
Vasiljevic, D.M. *see* Ivanisevic, I.I. 20103
Vasil'tsov, V.V. *see* Abil'siitov, G.A. 11961
Vasilyak, L.M. *see* Filiouguine, I.V. 11981
Vasilyak, L.M. *see* Filiouguine, I.V. 11982
Vasily'ev, A.V., Kozlyuk, V.N., Tchech', V.V. Mathematical model of wind power potential 32810
Vasilyev, E.A. *see* Tkachenko, T.M. 28353
Vasilyev, E.N., Derevyanko, V.A. Heat transfer study in the channel of MHD generator with T-layer 25734
Vasilyev, E.N., Derevyanko, V.A. Efficiency analysis of argon MHD generator with T-layer 25775
Vasilyev, E.N., Derevyanko, V.A., Latypov, A.F., Ovchinnikov, V.V. Conception of using T-layer MHD generator in hypersonic aircraft engine 25844
Vasilyev, E.N., Derevyanko, V.A., Ovchinnikov, V.V., Seredkina, V.V. Thermophysical model of MHD generator with T-layer 25789
Vasin, V.P., Lyalina, S.V. The conditions of power system mode existence and electrical network nodal voltage constraints 24643
Vasin, V.P., Skopintseva, V.A. Statistical validation of materials emergency storage in power systems for recovery of overhead transmission lines 24816
Vasina, P. *see* Chobola, Z. 19980
Vasina, P. *see* Koktavy, B. 19478
Vasl'chenko, V.G. *see* Britvich, G.I. 7165
Vasnetsov, M. *see* Balzer, G. 44130
Vasnetsov, M.V. *see* Bazhenov, V.Yu. 3801
Vasnetsov, M.V. *see* Bazhenov, V.Yu. 12344
Vasnetsov, M.V. *see* Bazhenov, V.Yu. 12362
Vasovic, D. *see* Karanovic, L. 27324
Vasovic, D. *see* Milosavljevic, Z. 885
Vasquez, B., Theodore, N.D. Stress-related defects in implanted LOCOS+trench-isolated structured 10837
Vass, D.G. *see* Gourlay, J. 3210
Vass, D.G. *see* O'Hara, A. 3185
Vass, D.G. *see* O'Hara, A. 43509
Vass, J. *see* Eross, G. 1364
Vassallo, C. *see* Rivoallan, L. 28588
Vasseur, H., Cagan, J., Kurfess, T.R. Economic analysis of quality innovation 26214
Vasseur, H., Vanhoenacker, D. Simulation of atmospheric turbulence effects on terrestrial millimeter wave links 21262
Vassie, L.H., Tyrer, J.R., Soufi, B., Clarke, A.A. Laser safety: the user's problems and requirements for the solutions 20586
Vassie, L.H. *see* Tyrer, J.R. 40876
Vassilakis, E. *see* Maurel, P. 20914
Vassilevski, K.V., Dmitriev, V.A., Zorenko, A.V. Silicon carbide diode operating at avalanche breakdown current density of 60 kA/cm^2 19754
Vassilevski, P.S. *see* Ewing, R.E. 41144
Vassilevski, P.S. *see* Proskurowski, W. 41142
Vassiliadis, C.A., Andrade, D.L. An object-oriented knowledge-based system for hydroelectric power plant turbine selection 40042
Vassiliadis, S., Phillips, J., Blaner, B. Interlock collapsing ALU's 18585
Vassilieff, G. *see* Damakoa, I. 3704
Vassilovski, D. *see* Buckman, L.A. 28867
Vassilovski, D. *see* Georges, J.B. 30586
Vasson, A. *see* Courboules, B. 41266
Vasson, A.M. *see* Courboules, B. 41266
Vastola, K.S. *see* Parthasarathy, V. 37059
Vasu, E. *see* Chakravarthy, S.K. 8475
Vasu, E. *see* Nayar, C.V. 32851
Vasudevan, S., Shaikh, A. Structure-property modeling of low ohm thick film resistors 19152
Vasyukevich, V.O. A non-systematic approach to data communication coding 12832
Vasyukevich, V.O. An alternative algorithm for frame verification in internationally standardized computer networks 37494
Vatalaro, F. *see* Corazza, G.E. 22973
Vatalaro, F. *see* Corazza, G.E. 37804
Vatalaro, F. *see* Corazza, G.E. 37912
Vatani, O.Tahaghoghi *see* Tahaghoghi Vatani, O.
Vatel, O. *see* Moison, J.M. 18205
Vatikiotis-Bateson, E. *see* Hirayama, M. 21686
Vatlin, S., Krasnoproshin, V. Max-min and max-Δ transitive resemblance matrices in classification problems 568
Vatul'yan, A.O., Nasedkin, A.V., Skaliukh, A.S. Vibrations of a cantilevered piezoceramic plate with a corrugated intermediate layer 43222
Vau, V. *see* Bertram, W. 15312
Vaudenay, S. FFT-hash-II is not yet collision-free 21548
Vaudin, A. *see* Jenkins, N. 25339

Vaudin, M.D., Cook, L.P., Wong-Ng, W., Schenck, P.K., Brody, P.S., Rod, B.J., Bennett, K.W. Texturing and dielectric properties of laser deposited $BaTiO_3$ thin films grown on heated substrates 11374
Vaughan, A.S., Swingler, S.G., Lanfear, M., Weingandt, H., White, H. Laser ablation and thermal decomposition studies of fibre optic cable sheathing materials 38091
Vaughan, A.S. *see* Nensi, T. 35176
Vaughan, G.P. *see* Simeus, E.J. 19260
Vaughan, M.R. *see* Chin, V.W.L. 10664
Vaughan, N.P., Brown, R.C. A device for measurement of volume and leakage by pressure pulsation monitoring 31824
Vaughan, Q.A.E. *see* Joyce, G.C. 635
Vaughan, R.G., Scott, N.L. Terminated in-line monopoles for vehicular diversity antennas 4309
Vaughan, R.G., Scott, N.L. Closely spaced monopoles for mobile communications 22819
Vaughan, T. *see* Wood, M. 46891
Vaughn, G.L. *see* Williams, T.D. 32166
Vaulin, S.L., Mikhailov, S.P., Shur, M.L., Shcherbinin, V.E. Special features by magnetographic inspection of butt-welded seams in maritime pipelines 41510
Vaulin, S.L. *see* Mikhailov, S.P. 41507
Vaulin, S.L. *see* Popov, A. 18356
Vaurio, J.K. The theory and quantification of common cause shock events for redundant standby systems 33303
Vautier, M., Zeddam, A. Characterization of lightning electromagnetic pulse coupling to multiconductor cables 45744
Vavilov, V.N., Veliev, E.I. Electromagnetic wave diffraction by cylindrical bodies with edges 12541
Vavilov, V.N., Veremey, V.V. Diffraction of an E-polarized electromagnetic wave by two-dimensional thin screens and obstacles with edges 4093
Vavilov, V.S. Diamond as a material in solid state electronics 2086
Vavinov, E.V., Popov, G.V., Tikhonov, A.I., Moiseev, A.A. Automation of strength calculations in the design of power transformers 8484
Va'vra, J. *see* Abe, K. 7260
Va'vra, J. *see* Abe, K. 15619
Va'vra, J. *see* Abe, K. 46930
Vavrek, J.M. *see* Faber, J.P. 39699
Vavriv, D.M. Chaos and stability of microwave circuits 10430
Vavriv, D.M. Turbulent states of electromagnetic field 21171
Vavriv, D.M., Chernyshov, I.Yu. On the stability of parametric amplifiers 1082
Vavriv, D.M., Oksasoglu, A. Stability of varactor circuits 41621
Vavriv, D.M., Ryabov, V.B., Sharapov, S.A. Effect of amplitude- and frequency-modulated oscillations on a nonlinear oscillator 10006
Vawter, G.A. *see* Bo Lu 45734
Vawter, G.A. *see* Carson, R.F. 3387
Vawter, G.A. *see* Hohimer, J.P. 3621
Vawter, G.A. *see* Hohimer, J.P. 12130
Vawter, G.A. *see* Martens, J.S. 28414
Vawter, G.A. *see* Wendt, J.R. 27551
Vawter, G.A. *see* Zhou, P. 3392
Vawter, G.A. *see* Zhou, P. 20570
Vaya, P.R. *see* Jayan, V. 27762
Vayenas, C.G. *see* Bebelis, S. 16738
Vayenas, C.G. *see* Yentekakis, I.V. 17320
Vaz, C., Kong, X., Thakor, N. An adaptive estimation of periodic signals using a Fourier linear combiner 36753
Vaz, J.C. *see* Soares Augusto, J. 27213
Vaz, M. *see* Spooren, R. 3906
Vaz, P. *see* Benvenuti, A. 7252
Vaz, R.F. *see* Cyganski, D. 5050
Vaz, R.F. *see* Khurana, I.S. 5060
Vaz, R.F. *see* Wright, C.R. 4918
Vaziri, M., Chin-Lin Chen Optical-fiber strain sensors with asymmetric etched structures 23650
Vaziri, M. *see* Piskoti, C. 19429
Vazouras, C.N., Cottis, P.G., Kanellopoulos, J.D. Scattering from conducting rough surfaces: a general perturbative solution 29144
Vazouras, C.N. *see* Kanellopoulos, J.D. 21253
Vazouras, C.N. *see* Kanellopoulos, J.D. 29177
Vazquez, D. *see* Huertas, J.L. 10275
Vazquez, D. *see* Huertas, J.L. 10277
Vazquez, D. *see* Rueda, A. 10284
Vazquez, E. *see* Azcorra, A. 14266
Vazquez, J. *see* Abella, C. 29315
Vazquez, J. *see* Abella, C. 29396
Vazquez, J.J.Martinez *see* Martinez Vazquez, J.J.
Vazquez, J.L. *see* Codina, G. 48087
Vazquez, M., Marin, P., Leccabue, F., Watts, B.E., Deriu, A., Negri, D., Bocelli, G. Phase transformation and magnetic properties of nanocrystalline $Fe_{73.5}Cu_1Nb_3Si_{22.5-x}B_x$ (x=6,9) alloys 43283
Vazquez, M. *see* Gomez-Polo, C. 43279
Vazquez, M.C., Civera, R., Lopez-Amo, M., Muriel, M.A. Analysis of double-parallel amplified recirculating optical-delay lines 43397
Vazquez, S.L., Goode, P.W., Slotwinski, A.R. Proportional proximity sensing for telerobots using coherent laser radar 45491
Vazquez, S.L. *see* Goode, P.W. 24403
Vazsonyi, E.B., Koos, M., Jalsovszky, G., Pocsik, I. The role of hydrogen in luminescence of electrochemically oxidized porous Si layer 34773
Vazyulin, M.V. Expert systems for analysing protective relay actions 39636
v.d. Werth, A. *see* Thomas, H.G. 7155
Vdovin, S.S., Zirka, S.E., Moroz, Yu.I. Multi-element equivalent circuit of a pulse transformer 27328
Vdovin, S.S., Zirka, S.E., Skryl'nikov, A.I. Transformers for DC voltage transducers 6717
Vdovin, V. *see* Koistinen, O. 7598
Vdovin, V.F. *see* Koistinen, O.P. 47271
Vdovin, V.I., Milvidskii, M.G., Yugova, T.G. Antiphase boundaries in GaAs layers on Si and Ge 729
Vdovin, V.I. *see* Tkhorik, Yu.A. 19439
Vdovina, L.M. *see* Shadrin, M.P. 10247
Veasey, D.L., Larson, D.R., Veigl, I. Waveguide polarizers processed by localized plasma etching 43460
Veaux, S.C.de la *see* de la Veaux, S.C.
Veca, G.M. *see* Costa, P. 25750
Vecchi, G.P. *see* Chiorboli, G. 29888
Vecchi, M.C., Rudan, M., Soncini, G. Numerical simulation of optical devices 23508
Vecchi, S. *see* Bertin, A. 31795
Vecchis, M.de *see* de Vecchis, M.
Vecerka, T. *see* Bernat, F. 40332
Vecher, A. *see* Shuk, P. 6644
Vechinski, D.A., Rao, S.M., Sarkar, T.K. Transient EM solution—integral equation approach 29160
Vechinski, D.A., Rao, S.M., Sarkar, T.K. Time domain integral equation method applied to antenna problems 29282
Vechkanov, N.N. *see* Belov, A.V. 35353
Vechkanov, N.N. *see* Belov, A.V. 38006
Vecht, D.L. *see* Shannon, D.C. 20728
Vechten, D.Van *see* Van Vechten, D.
Veda Vyasa, A.L., Kumar, S.P. Multivalued logic for optical computers using intensity encoding 3276
Vedam, K. *see* Lohner, T. 2060
Vedavathy, T.S. *see* Tripathi, A. 12638
Vedder, K. Security aspects of mobile communications 22810
Vedenin, A.S., Posedko, A.S., Trofimov, Y.V. $A^{II}B^{VI}$ compound thin-film photoresistors for three-dimensional optoelectronic processors 28673
Vedovato, G. *see* D'Avanzo, B. 38900
Vedovato, G. *see* Masoni, A. 15659
Veefkind, A. *see* Bajovic, V.S. 25765
Veen, A.-J.Van Der *see* Van Der Veen, A.-J.
Veen, A.van *see* van Veen, A.
Veen, B., Joseph, J., Hecox, K. Localization of intra-cerebral sources of electrical activity via linearly constrained minimum variance spatial filtering 7431
Veen, B.D.Van *see* Van Veen, B.D.
Veen, M.van der *see* van der Veen, M.
Veenema, J.J. Efficiency improvements in electricity production 25228
Veeneman, D., Mazor, B. Stochastic tree coding: voice coding for wireless channels 36589
Veeneman, D. *see* Gross, R. 13266
Veer, J.H.C.van der *see* van der Veer, J.H.C.
Veeraraghavan, M. *see* La Porta, T.F. 30524
Veerasamy, V.S., Amaratunga, G.A.J., Davis, C.A., Milne, W.I., Hewitt, P., Weiler, M. Electronic density of states in highly tetrahedral amorphous carbon 27455
Veerasamy, V.S., Yuan, J., Amaratunga, G.A.J., Milne, W.I., Gilkes, K.W.R., Weiler, M., Brown, L.M. Nitrogen doping of highly tetrahedral amorphous carbon 27647
Veerasamy, V.S. *see* Amaratunga, G.A.J. 27662
Veeravalli, V.V., Basar, T., Poor, H.V. Minimax robust decentralized detection 44934
Veerender, C., Nagabhushanam, M., Haribabu, V. Dislocation-assisted complex scattering mobility of electrons in plastically deformed n-GaAs single crystals 34517
Vega, A.S.de la *see* de la Vega, A.S.
Vega, L., Cagigal, M.P., Prieto, P. On determining the velocity of a moving object from a series of photon-limited frames using a temporal Fourier transform 29845
Vega, L.A. *see* Nihous, G.C. 39973
Vega, M.G. *see* Ferrero, F.J. 26851
Vega-Pineda, J. *see* Cabrera, S.D. 36727
Vegas, A., Prieto, A., Solano, M.A. Optimisation of the coupled-mode method for the analysis of waveguides partially filled with dielectrics of high permittivity: Application to the study of discontinuities 4179
Vegas, A. *see* Pereda, J.A. 4214
Vegas, A. *see* Solano, M.A. 4216
Vegas, A. *see* Vielva, L.A. 29243
Veghova, K. *see* Oravec, J. 2853
Veglio, G.F. *see* van Ross, A. 48239
Vegni, G. *see* Bergoni, N. 30519
Vegni, L. *see* Toscano, A. 12687
Vegni, L. *see* Toscano, A. 44545
Vehanen, A. *see* Asoka-kumar, P. 23994
Vehi, J., Coll, F. Automatic high voltage continuity test for winding wires 34302
Vei-Khan U *see* U Vei-Khan
Veiders, E. *see* Borsch, H. 15552
Veiga, G. *see* da Silva, L. 37291
Veiga, M., Garcia Gomez, R., Mena, J.G., Mezcua, B.R., Gerboles, M.E. A medium size vocabulary speech recognizer for Spanish language 13128
Veigl, I. *see* Veasey, D.L. 43460
Veigner, A.I. *see* Goloshchapov, S.I. 15183
Veiko, V.P., Kromin, A.K., Yakovlev, E.B. Laser technologies for micro-optics fabrication 20382
Veillard, J. *see* Palicot, J. 14795
Veillard, J. *see* Palicot, J. 46220
Veillas, C. *see* Pigeon, F. 6522
Veillet, C. *see* Kirchner, D. 6291
Veirman, A.E.M.de *see* de Veirman, A.E.M.
Veirman, G.A.De *see* De Veirman, G.A.
Veirmann, G.A.De *see* De Veirmann, G.A.
Veirs, D.K. *see* Pope, N.G. 16087
Veis, A.N. Energy spectrum of chalcogen vacancies in ion-implanted lead sulfide 10852
Veissid, N. *see* Nubile, P. 25699
Veit, C. *see* Martin, G.J. 6569
Veit, R., Zankl, M. Variation of organ doses in paediatric radiology due to patient diameter, calculated with phantoms of varying voxel size 24193
Veitch, E. *see* Cattaneo, M. 38897
Veith, C. *see* Bulow, H. 30567
Veith, G. *see* Heidemann, R. 30737
Veith, G. *see* Pfeiffer, T. 3558
Veith, R. *see* Friedrich, J. 15302
Vejcik, S. *see* Amidei, D. 46890
Vejcik, S. *see* Tkaczyk, S. 46989
Vekic, B. *see* Divljakovic, V. 35180
Vela, G.de Miguel *see* de Miguel Vela, G.
Vela de Casillas, M. GTEM hyper-rotated fixture 21286
Velaerts, B. *see* Bertha, F. 2434
Velaga, A.N. *see* Chittipeddi, S. 2254
Velamuri, S.R., Seman, J. Designing the optimal flat panel VGA subsystem for the portable PC 31353
Velarde, M.G. *see* Rul'kov, N.F. 41710
Velasco, A.A.Arias de *see* Arias de Velasco, A.A.
Velasco, C.E.M. *see* Bonfim, M.J.C. 855
Velasco, V.R. *see* Chico, L. 10859
Velasquez, E.L.Z., Fantini, M.C.A., Carreno, M.N.P., Pereyra, I., Takahashi, H., Landers, R. Effect of plasma etching, carbon concentration, and buffer layer on the properties of a-Si:H/a-$Si_{1-x}C_x$:H multilayers 19612
Velazco, J.E., Mako, F.M. Limited spatial region for synchronous beam-wave interactions in rotating mode resonators 10629
Velazquez, B. *see* Kessler, T.J. 35949
Velazquez, J. *see* Svetkoff, D.J. 6588
Velazquez, J.J.L. *see* Friedman, A. 29095
Velchev, N. Microelectronic Halltrons with high resistivity channel as effective semiconductor magnetosensitive structures 6452
Velchev, N.B., Beshkov, G.D. Recrystallization of amorphous silicon on insulator 27604
Velde, E.T.Van Der *see* Van Der Velde, E.T.
Velde, J.C.Van De *see* Van De Velde, J.C.
Veldhoven, P.J.van *see* van Veldhoven, P.J.
Veldhuis, R., Breeuwer, M. Introduction to source coding 33246
Veldhuizen, E.M.van *see* van Veldhuizen, E.M.
Veldkamp, W.B. Microoptics and microelectronics for image processing 30143
Veldkamp, W.B. *see* Farn, M.W. 3121
Velebir, J. *see* Lo, D.C.W. 1638
Velebir, J. *see* Pospieszalski, M.W. 1528
Velebir, J. *see* Wang, H. 1580
Velebir, J.R. *see* Kobayashi, K.W. 19119
Velebir, J.R., Jr. *see* Kobayashi, K.W. 10501
Veleva, L. *see* Kunchev, R. 4459
Velez, R. *see* Hundley, W. 46137
Velez-Reyes, M., Verghese, G.C. Decomposed algorithms for speed and parameter estimation in induction machines 8378
Velghe, M. *see* Glotin, F. 7019
Velichansky, V. *see* Mork, J. 3653
Velichi, G. *see* Voicu, A. 32854
Velichko, O.N., Taranov, S.G. Features of the formation of complex periodic signals with a predetermined distortion factor 29673
Velichko, S.A. *see* Kalmykov, A.I. 16010
Veliev, E.I. *see* Vavilov, V.N. 12541
Veliev, E.I. *see* Veremey, V.V. 4058
Veligura, L.I. *see* Beletskii, A.I. 20545
Veligura, L.I. *see* Vlasenko, N.A. 43621
Velikhov, Ye.P., Dogadaev, R.V., Kolyadin, N.M., Martynov, B.M., Matveenko, O.G., Panchenko, V.P., Polulyakh, Ye.P., Spiridonov, A.V., Tselikov, A.N., Yakushev, A.A. Experimental MHD facility with superconductive magnet 'Sever-M' 25755
Velikov, L.V. *see* Babin, S.V. 28043
Vella, E. SLD liquid argon calorimeter 31755
Vella, P.J. *see* So, V.C.Y. 3078
Vellaikal, M. *see* Singh, J. 18300
Vellanki, J. *see* Nadella, R.K. 2048
Vellasco, M.M.B.R., Treleaven, P.C. The generic neuron architectural framework for the automatic generation of ASICs 19969
Velle, O.J. *see* Norby, T. 17357
Velleaud, G. *see* Laurent, A. 17105
Velleman, M.J. *see* Kovacs, G. 15097
Vellone, R. *see* Malosti, D. 48200

Vellone, R. *see* Malosti, D. 48408
Velo, L. *see* Chapman, R.A. 20003
Velo, L.A. *see* Moslehi, M.M. 28269
Veloso, J.F.C.A., Conde, C.A.N. Incidence angle dependence of the output response uniformity of photomultipliers 1813
Velsko, S. *see* Comaskey, B. 20713
Velthaus, K.O., Mauch, R.H., Schock, H.W. The role of ZnS in ZnS/SrS:Ce,Cl multilayered TFEL devices 35588
Velthuijsen, H. *see* Combes, P. 37617
Veltman, A., van den Bosch, P.P.J. The fish method: an analytical tool for optimizing converter-machine performance 16759
Velusamy, T. *see* Selvanayagam, A.J. 30938
Velzen, G.A.van *see* van Velzen, G.A.
Vemuri, B.C., Radisavljevic, A., Leonard, C.M. Multi-resolution stochastic 3D shape models for image segmentation 37032
Vemuri, R., Hoffa, R., Vemuri, R. An application of genetic algorithms to solve the layer assignment problem in multi chip modules 17910
Vemuri, R. *see* Vemuri, R. 17910
Vemuri, V. *see* Howitt, I. 12632
Ven, M.J.van de *see* van de Ven, M.J.
Venable, H.D. Testing stability of power factor correction circuits 39545
Venable, H.D. Testing power factor correction circuits for stability 47966
Venables, D. *see* Lee, J.D. 10776
Venables, D. *see* Park, J.C. 10864
Venables, M.A. Microengineering for optical devices at the Sowerby Research Centre 43596
Venanzio, P. *see* Bocchetti, G. 8924
Vender, D. *see* Ochrlein, G.S. 42711
Vender, D. *see* Ochrlein, G.S. 42712
Vendera, D. *see* Haverlag, M. 42668
Vendik, I.B. *see* Gal'chenko, S.A. 27172
Vendik, I.B. *see* Kuznetsov, V.V. 27171
Vendik, O., Kollberg, E. Software models HTSC microstrip and coplanar lines 11531
Vendik, O. *see* Kaparkov, D. 27128
Vendik, O.G., Ter-Martirosyan, L.T., Dedyk, A.I., Karmanenko, S.F., Chakalov, R.A. High-T_c superconductivity: new applications of ferroelectrics at microwave frequencies 35290
Vendik, O.G. *see* Lofgren, L.M. 29249
Vendrame, L. *see* Verzellesi, G. 34918
Venediktov, M.D., Stupin, A.N. Adaptive compensation of structured interference 21276
Venema, A. *see* Kovacs, G. 15097
Venetsanopoulos, A.N. *see* Alshebeili, S.A. 4721
Venetsanopoulos, A.N. *see* Alshebeili, S.A. 13253
Venetsanopoulos, A.N. *see* Ilow, J. 29410
Venetsanopoulos, A.N. *see* Martens, R.L.J. 13655
Venetsanopoulos, A.N. *see* Sajadieh, M. 13658
Venetsanopoulos, A.N. *see* Trahanias, P.E. 13629
Venetsanopoulos, A.N. *see* Yu, P. 13801
Venetz, B.A. *see* Frix, W.M. 46577
Veneziano, S. *see* Benczc, G.L. 38858
Vengalis, B. *see* Celik, V. 44597
Vengatesan, B. *see* Balakrishnan, K. 33590
Venghaus, H., Weinert, C.M. Polarization-independent Mach-Zehnder interferometer on III-V semiconductors 35448
Venghaus, H., Weinert, C.M. Polarization independent Mach-Zehnder Interferometer on III-V-semiconductors 35452
Venghaus, H. *see* Sartorius, B. 35821
Vengsarkar, A.M., Michie, W.C., Jankovic, L., Culshaw, B., Claus, R.O. Fiber-optic dual-technique sensor for simultaneous measurement of strain and temperature 38546
Vengsarkar, A.M. *see* Wang, A. 5963
Venhuizen, A.H.J. *see* Pulsford, N.J. 19755
Venhuizen, A.H.J. *see* Pulsford, N.J. 34599
Venieris, I. *see* Sanchez, J. 30806
Venieris, I.S., Angelopoulos, J.D., Stassinopoulos, G.I. ATM traffic transfer via queued arbitrated DQDB 13883
Venieris, I.S., Angelopoulos, J.D., Stassinopoulos, G.I. Efficient use of protocol stacks for LAN/MAN-ATM interworking 22511
Venieris, I.S., Protonotarios, E.N., Angelopoulos, J.D., Stassinopoulos, G.I. Label management in broadband internetworks 14049
Venieris, I.S. *see* Angelopoulos, J.D. 6082
Venig, S.B. *see* Gorbatov, S.S. 10470
Venkaiah, V.C., Paulraj, A. Subspace rotation using modified Householder transforms and projection matrices—robustness of DOA algorithms 44838
Venkat, K. Follow these guidelines to design testable ASICs, boards, and systems 27358
Venkat Raj, V. *see* Chakraborty, G. 16620
Venkat Raj, V. *see* Haware, S.K. 16619
Venkat Rangan, P. Architectures and algorithms for digital multimedia on-demand servers 5355
Venkat Rangan, P. *(editor)* Network and Operating Systems Support for Digital Audio and Video. Third International Workshop Proceedings 9101
Venkata, S.S. *see* Sumic, Z. 32363
Venkata, S.S. *see* Sumic, Z. 32366
Venkata Ramana, P., Srinivas, G. Resolution in large rectangular NaI(Tl) detectors: a study 15638
Venkatachalam, P. *see* Mecca, J.P. 9279
Venkatachalam, P.N., Perlman, D.J. 25-mm solder-ball-connection module for improved memory performance 399
Venkatachary, K.V. New trends in TTC ground system electronics 30674
Venkatapathi, S., Moan, G.D., Brown, D.R., Hunter, D.I. Development of flush rolled joints for Bruce NGS A LSFCR program 8111
Venkataram, P. *see* Gang Luo 30230
Venkataraman, K. *see* Arunachalam, S.A. 25323
Venkataraman, S., Levy, B.C. State space representations of 2-D FIR lossless transfer matrices 44946
Venkataraman, S.T., Hayati, S. Shared/traded control of telerobots under time delay 5430
Venkataraman, V., Liu, C.W., Sturm, J.C. Alloy scattering limited transport of two-dimensional carriers in strained $Si_{1-x}Ge_x$ quantum wells 1916
Venkataramanan, G., Divan, D.M., Jahns, T.M. Discrete pulse modulation strategies for high-frequency inverter systems 8493
Venkataramanan, G. *see* Chen, C. 8574
Venkataramanan, G. *see* Luckjiff, G. 47905
Venkataramanan, G. *see* Luckjiff, G. 47913
Venkataramani, N. *see* Ramamurthy Acharya, B. 41430
Venkatasubbiah, D. Interference caused by VHF shared radio system on commercial TV reception 4153
Venkatasubbiah, D. Differentiate analogue, digital, digitized analogue and analogue like digital transmissions 36474
Venkatasubramanian, R., Bendi, S. A theoretical study of surface kinetic processes in the MBE growth of GaAs (100) 18190
Venkatasubramanian, R. *see* Thanikasalam, P. 28832
Venkatasubramanian, R. *see* Trivedi, R. 9601
Venkatesan, G. *see* Zeephongsekul, P. 33423
Venkatesan, R. *see* Naor, M. 21535
Venkatesan, R. *see* Ostrovsky, R. 29496
Venkatesan, S. Message-optimal incremental snapshots 22298
Venkatesan, S., Bhushan, B. The sliding friction and wear behavior of single-crystal, polycrystalline and oxidized silicon 34496
Venkatesan, S. *see* Bashir, R. 2033
Venkatesan, S. *see* Ovshinsky, S.R. 48332
Venkatesan, T. *see* Harshavardhan, K.S. 20170
Venkatesan, T. *see* Harshavardhan, K.S. 43340
Venkatesan, T. *see* Wei-lou Cao 28406
Venkatesan, V. *see* Maynard, L. 19674
Venkatesh, S., Rosin, P. Dynamic threshold determination by local and global edge evaluation 22210
Venkatesh, S., Sorin, W.V. Phase noise considerations in coherent optical FMCW reflectometry 46467
Venkatesh, S. *see* Robey, M. 4964
Venkatesh, S. *see* Rosin, P. 4831
Venkatesh, S. *see* Rosin, P.L. 4968
Venkatesh, S.K., Paramesha, S.T., Bhat, D., Nema, R.S., Naidu, M.S. Non-uniform field breakdown of SF_6 insulation under combined DC and switching impulse voltages 11354
Venkatesh, V. *see* Srinivasan, V.V. 29368
Venkatesh, Y.V., Ramani, K., Nandini, R. Wavelet array decomposition of images using a Hermite sieve 4932
Venkateswara Rao, V. *see* Masalkar, P.J. 21361
Venkateswaran, T.V. *see* Kulkarni, M.S. 24000
Venkateswarlu, D.S. *see* Sil, A. 10606
Venkateswarlu, N.B., Raju, P.S.V.S.K. Winograd's method: a perspective for some pattern recognition problems 29972
Venkateswarlu, P. *see* Kukhtarev, N. 12415
Venkateswarlu, P. *see* Kukhtarev, N. 21111
Venkateswaru, P. *see* Kukhtarev, N. 29780
Venkatraman, R., Venkatraman, S. An efficient parallel algorithm for pattern matching in the presence of errors 13678
Venkatraman, R. *see* Besser, P.R. 34825
Venkatraman, S. *see* Venkatraman, R. 13678
Venkatramani, N. *see* Dixit, N.S. 25748
Venkatramani, N. *see* Newton Nathaniel, T. 25798
Venkatramani, N. *see* Satyamurthy, P. 25749
Vennemann, J. *see* Schulz, M. 28154
Venters, G. *see* Lutzeback, D. 37514
Ventouras, S. *see* Kanellopoulos, J.D. 5829
Ventouras, S. *see* Kanellopoulos, J.D. 21253
Ventouras, S. *see* Kanellopoulos, J.D. 29177
Ventrudo, B.F., Cassidy, D.T. Interference fringes in the far field of short-external-cavity InGaAsP diode lasers: a method for longitudinal mode control 20856
Ventura, D. *see* Gnudi, A. 28103
Ventura, G. *see* Cicinelli, E. 47094
Ventura, J.A. *see* Jen-Ming Chen 45040
Ventura, P., Ferrara, P., Desbois, J., Lagier, Y., de Fraguier, S., Gelly, J.-F. 2D mixed finite element/analytical model of the mechanical coupling in ultrasonic array 16047
Ventura, P., Solal, M., Dufilie, P., Desbois, J., Doisy, M., Hode, J.-M. Synthesis of SPUDT filters with simultaneous reflection and transduction optimization 2762
Ventura, P.O. *see* Mayer, L. 48354
Venturi, F. *see* Abramo, A. 19327
Venturi, G. *see* Semino, A. 22000
Venturini, M. *see* Bazzani, A. 38789
Ventzek, P.L.G., Hoekstra, R.J., Kushner, M.J. Two-dimensional modeling of high plasma density inductively coupled sources for materials processing 42674
Venugopalan, S. Kinetics of hydrogen-evolution reaction on lead and lead-alloy electrodes in sulfuric acid electrolyte with phosphoric acid and antimony additives 48089
Venus, G.B., Portnoi, E.L., Shernyakov, Yu.M., Yavich, B.S. Internal gain modulation bandwidth in InGaAs/GaAs injection lasers with a quantum-well active layer at frequencies up to 75 GHz 20760
Venuti, G. *see* Franceschini, G. 22660
Venuto, D.De *see* De Venuto, D.
Vepa, R. *see* Caliskan, F. 38397
Veprek, S., Wang, C., Ratz, G. Control of isotropic and anisotropic etching and surface cleaning of silicon and silicon dioxide in a hydrogen plasma 42701
Veprek, S. *see* Ruckschloss, M. 839
Veprek, S. *see* Ruhl, G. 34842
Ver Ploeg, E., Nguyen, C., Kistler, N., Wong, S., Woo, J., Plummer, J. First direct beta measurement for parasitic lateral bipolar transistors in fully-depleted SOI MOSFET's 19865
Vera, J.A. The Field Programmable Gate Array (FPGA) 18647
Verbaeten, P. *see* Moons, H. 45538
Verbeeck, R., Vandermeulen, D., Delaere, D., Suetens, P., Marchal, G. Fuzzy voxel labeling of magnetic resonance images by global optimization 24210
Verbeeck, R. *see* Schreutelkamp, R.J. 18252
Verbeeck, R. *see* Vandermeulen, D. 39031
Verbeek, B.H. *see* Amersfoort, M.R. 35634
Verbeek, B.H. *see* Amersfoort, M.R. 38125
Verbeek, B.H. *see* van Roijen, R. 35920
Verbeek, B.H. *see* van Roijen, R. 43858
Verbeek, P.W. *see* Verwer, B.J.H. 45204
Verbeke, M., Gur, S., Ron, S., Iraqi, R. Manual or automatic nulling DC offset for physiological DC amplifier 47088
Verber, C.M. *see* Hughes, J.L.A. 30774
Verbiest, W. *see* van Parys, H. 38109
Verbin, S. *see* Larsson, C.U.S. 31806
Verbitskaya, E., Eremin, V., Strokan, N., Kemmer, J., Schmidt, B., von Borany, J. Physical aspects of precise spectrometry of α-particles with silicon pn-junction detectors 24077
Verbitskaya, E. *see* Li, Z. 7189
Verbitskaya, E.M., Eremin, V.K., Malyarenko, A.M., Strokan, N.B., Sukhanov, V.L., Schmidt, B., von Borany, J. Precision semiconductor spectrometry of ions 46859
Verboom, W. *see* Brunink, J.A.J. 6470
Verboom, W. *see* Stauthamer, W.P.R.V. 31179
Verbout, S.M., Irving, W.W., Hanes, A.S. Improving a template based classifier in a SAR automatic target recognition system by using 3D target information 7683
Verbout, S.M. *see* Novak, L.M. 30874
Verboven, F., Tallieu, F. Automated generation of discrete event-driven simulation code from computer network specifications 14224
Verboven, F. *see* Beckers, M. 37354
Verbovetskii, A.A., Zimoglyadova, E.A., Shilov, I.A. An experimental study of the characteristics of a fiber-optic pressure sensor 15060
Verbovoi, P.F. Power indicators and losses in induction motors under dynamic operating conditions 8398
Verbrugge, D.M., Van Zytveld, J.B. Liquid semiconductors and thermoelectric power generation: Mg-Sb 1872
Verbruggen, A. *see* Dufait, N. 16626
Verbruggen, A.H. *see* Cheung, R. 27739
Verbruggen, A.H. *see* Kraayeveld, J.R. 34830
Verbruggen, A.H. *see* Webster, M.N. 27257
Verbrugghe, E., Cherfaoui, M. Acoustic emission inspection of defects under coating in nozzles of vessels - fatigue study on a coated steel sample 914
Vercaemst, R. *see* Poelman, D. 3346
Vercauteren, D. *see* Wauters, N. 38098
Vercellotti, U. *see* Cannavale, G. 25510
Vercher, E. *see* Leon, T. 555
Verde, J. 'GIS: a distribution solution' 32399
Verdejo, J.E.D., Luna, J.C.S., Herreros, A.P., Ayuso, A.R., Lopez, J.A.G. Discriminative training for HMM using recurrent neural networks 12988
Verdelho, P., Marques, G.D. Multiple applications control system for the PWM voltage converter connected to the AC mains 17075
Verderber, R. *see* Rubinstein, F. 8961
Verdeyen, J.T. *see* Smith, G.M. 20783
Verdeyme, S., Madrangeas, V., Aubourg, M., Guillon, P. Modelling three dimensional boxed structures using the finite element method 27193
Verdeyme, S. *see* Comte, R. 42146
Verdeyme, S. *see* Courivaud, N. 27162
Verdiell, J.-M. *see* Tennant, D.M. 28851
Verdier, R. *see* Kendall, H.W. 46970
Verdier, R. *see* Korytov, A. 31775
Verdijck, K. Design of adaptive filters for ISI reduction in HF communication 42050

Verdin, D., Tozer, T.C. Simulating asynchronous timing-recovery loops using multirate techniques 5140
Verdin, D., Tozer, T.C. Hangup in asynchronous timing recovery loops 10021
Verdin, D., Tozer, T.C. Generating a fading process for the simulation of land-mobile radio communications 14472
Verdin, D., Tozer, T.C. Symbol timing recovery scheme tolerant to carrier phase error 29649
Verdon, C.P. *see* Soures, J.M. 3410
Verdonck, P.B. *see* Bonfim, M.J.C. 855
Verdonckt-Vandebroek, S., Crabbe, E.F., Meyerson, B.S., Harame, D.L., Restle, P.J., Stork, J.M.C., Johnson, J.B. SiGe-channel heterojunction p-MOSFET's 35007
Verdone, R. Downlink and uplink outage evaluation for microcellular radio systems with correlated shadowing 22875
Verdoni, P. Framatome capabilities and experience in steam generator replacement 39850
Verdonk, E.D. *see* Wickline, S.A. 7404
Verdu, S. *see* Han, T.S. 29418
Verdun, F.R., Bochud, F., Depeursinge, C., Desponds, L., Grecescu, M., Hessler, C., Raimondi, S., Valley, J.-F. Subjective and objective evaluation of chest imaging systems 24176
Verdun, H.R. *see* Kaminskii, A.A. 3497
Verdun, H.R. *see* Kaminskii, A.A. 3498
Verdun, H.R. *see* Kaminskii, A.A. 12069
Verdyck, D. *see* Feng, X. 8327
Veremeichik, A.A. *see* Stepanenko, A.V. 887
Veremey, V., Fursov, A., Belous, O., Fisun, A. Open resonators with inhomogeneities 27184
Veremey, V.V., Veliev, E.I., Matsushima, A. Electromagnetic wave diffraction by conducting flat strips 4058
Veremey, V.V. *see* Vavilov, V.N. 4093
Vereshchagin, I.P., Beloglovsky, A.A. Prediction of corona discharge field in noncylindrical electrode systems 20040
Vereshchagin, I.P. *see* Nikitin, O.A. 25034
Vereshchagina, L.N., Zherikhin, A.N., Bagratashvili, V.N., Sviridov, A.P., Alimpiev, S.S., Nikiforov, S.M., Shevchenko, V.N., Mlinsky, V.V., Khokhlov, D.R., Ivanchik, I.I., Gas'kov, A.M. Ultraviolet-laser deposition of doped PbTe thin films 18297
Veretel'nik, V.V., Kravchenko, V.F., Rvachev, V.L. Calculating the electrodynamic characteristics of a biconical resonator by the *R*-function method 1417
Veretennicoff, I. *see* Danckaert, J. 3797
Veretennicoff, I. *see* Peiffer, W. 20479
Veretennicoff, I. *see* Thienpont, H. 11735
Veretentseva, T.V., Kobel'kov, G.M., Sushko, V.G. On approximate solutions to some problems with rapidly varying coefficients 41187
Verezub, N. *see* Bellamy, E.H. 46956
Vergani, P. *see* Dellera, P. 15200
Vergara, L. *see* Albiol, A. 21772
Vergelskaya, I.S. *see* Kontsevich, L.L. 45035
Vergezac, P. *see* Adam, W. 46929
Verghese, G.C. *see* Velez-Reyes, M. 8378
Verghese, S., Karadi, C., Mears, C.A., Orenstein, J., Richards, P.L., Barfknecht, A.T. Broadband response of the quasiparticle current in a superconducting tunnel junction 35263
Verghese, S., Richards, P.L., Sachtjen, S.A., Char, K. Sensitive bolometers using high-T_c superconducting thermometers for wavelengths 20-300 μm 6494
Vergnolle, C., Lemoine, T., Dumont, B. Materials requirements for microwave antenna into aircraft skins 24410
Vergote, S., De Cooman, M., Wouters, P., Puers, B. A composite membrane movement detector with dedicated interface electronics for animal activity tracking 7336
Verguin, P. Liquid crystals in failure analysis today [integrated circuits] 43049
Verguld, M.M.F. *see* Klein Wassink, R.J. 34397
Verhaegh, W.F.J., Lippens, P.E.R., Aarts, E.H.L., Korst, J.H.M., van der Werf, A., van Meerbergen, J.L. Efficiency improvements for force-directed scheduling 26598
Verhaegh, W.F.J. *see* van der Werf, A. 26599
Verhaegh, W.F.J. *see* van der Werf, A. 34117
Verhagen, P.W. Formal features as a design factor of video segments in interactive video programmes 6244
Verhallen, T.J.W. *see* van de Goor, A.J. 1232
Verhaverbeke, S., Bender, H., Meuris, M., Mertens, P.W., Schmidt, H.F., Heyns, M.M. HF-last cleanings: a study of the properties with respect to the different variables 34717
Verhaverbeke, S. *see* Heyns, M.M. 34701
Verhaverbeke, S. *see* Werkhoven, C. 34736
Verheijen, M.J. *see* van Hellepute, H.R.J.R. 35779
Verhelst, B., Morren, R., Baker, K. Using EDIF for transfer of test data: practical experience 6330
Verhelst, W. A simple mixed-excitation synthesizer for manipulating voice quality in monopulse excited vocoder applications 14310
Verhelst, W. A study towards high-quality speech production schemes for synthesis and coding 21659
Verhey, J., Bismayer, U., Guttler, B., Lundt, H. The surface of machined silicon wafers: Raman spectroscopic study 42721
Verhille, H. *see* Letheren, M. 46330
Verho, P., Jarventausta, P., Partanen, J. Heuristic restoration model of distribution feeders based on outage cost minimization 24903
Verho, P., Jarventausta, P., Partanen, J. A heuristic restoration model of distribution feeders based on outage cost minimization 32237
Verho, P. *see* Jarventausta, P. 32239
Verhoef, P. The introduction of satellite personal communications in the European Community 14530
Verhoeven, A.G.A. ECRH engineering 47506
Verhoeven, A.G.A. *see* Urbanus, W.H. 3408
Verhoeven, J. *see* Louis, E. 26510
Verhoeven, J.T.M. *see* Schouten, Th.E. 15838
Verhoeven, M.A.J. *see* Marx, A. 20207
Verhulst, A.G.H. *see* Hartmann, W.J.A.M. 15125
Verhulst-van Hout, Y. *see* Juffermans, C.A.H. 11012
Verichev, N.N. *see* Belykh, V.N. 1003
Verikios, N. *see* Jussila, P. 37304
Veringa, H.J. *see* Dekker, J.P. 41413
Verissimo, P. *see* Rodrigues, L. 45354
Veriyaskin, V.V. *see* Borodenko, E.I. 30511
Verkerk, U.H., van den Vlekkert, H.H., Reinhoudt, D.N., Engbersen, J.F.J., Honig, G.W.N., Holterman, H.A.J. Development of chemically modified ISFETs as durable sensors for continuous flow measurements 46367
Verlangieri, P. *see* Kuznetsov, M. 20785
Verlangieri, P. *see* Kuznetsov, M. 43928
Verlegh, W. *see* Kaan, A.P. 6928
Verleysen, M. *see* Simon, B. 5133
Verleysen, M. *see* Simon, B. 13551
Verlinde, P., Wilms, P. Global approach towards the evaluation of thermal infrared countermeasures 47331
Verlinden, P. *see* Tsuo, Y.S. 17399
Verlinden, P.J., Swanson, R.M., Crane, R.A. 7000 high efficiency cells for a dream 48123
Verlinskii, Ya.S. *see* Shatkovskii, E.V. 42418
Verly, J.G., Delanoy, R.L. Some principles and applications of adaptive mathematical morphology for range imagery 29982
Verly, J.G., Delanoy, R.L., Lazott, C.H. Principles and evaluation of an automatic target recognition system for synthetic aperture radar imagery based on the use of functional templates 23144
Verly, J.G. *see* Delanoy, R.L. 7686
Verma, A. *see* Fujioka, H. 34892
Verma, A.K., Hassani Sadr, G. CAD process for synthesis of multilayer microstrip line 27127
Verma, A.K., Kumar, R., Sadr, G.H. Pulse distortion on multilayer microstrip line 4201
Verma, A.K., Rostamy, Z. Effect of top shield on the resonance frequency of rectangular patch resonator 10398
Verma, A.K. *see* Jager, N.D. 34891
Verma, D.C., Gopal, P.M. Routing reserved bandwidth multi-point connections 30252
Verma, H.K., Tare, R.S., Arya, L.D., Bijwe, P.R., Kothari, D.P. A novel technique for minimizing transmission losses 7806
Verma, M.K. Personal communications networking architecture and functionality evolution 30639
Verma, P.R. *see* Bandyopadhyay, A. 43112
Verma, R. *see* Kumar, L. 30908
Verma, S., Dasgupta, A., Barker, D. A numerical study of fatigue life of J-leaded solder joints using the energy partitioning approach 26520
Verma, S.C., Nakamura, K., Naito, K., Sone, M., Fujita, H. Fast load flow computation using DSP and fast band ordering algorithm in variable band matrix setting 24789
Verma, S.K., Shankar, G., Singh, D. UHF to Ka band upconverter 42190
Verma, S.K., Shankar, G., Singh, D. UHF to Ka band upconverter 42243
Verma, S.M., Chari, A.A. Availability and frequency measures of a nonidentical two component system in the presence of common cause shock failures 9352
Verma, S.P., Balan, A. Measurement techniques for vibration and acoustic noise of electrical machines 8288
Verma, S.P., Yang, W. Electromagnetic acoustic noise and vibrations of synchronous machines: the problems, causes and reduction 40141
Verma, S.P. *see* Singal, R.K. 16755
Verma, S.S. *see* Sawhney, B.K. 25346
Verma, V.K. *see* Srivastava, S.P. 25881
Verma, Y. *see* Ananda, A. 15467
Vermaak, J.S. *see* Alberts, V. 41285
Vermaerke, F., Van Daele, P., Vermeire, G., Moerman, I., Demeester, P. Fast and reliable processing of high performance InGaAs 0.98 μm laser diodes 35812
Vermaerke, F. *see* Coudenys, G. 41306
Vermaerke, F. *see* Vermeire, G. 41290
Vermeer, G.S., Blik, H. Interoperability testing: basis for the acceptance of communication systems (theory and practice) 30238
Vermeire, G., Moerman, I., Yu, Z.Q., Vermaerke, F., Van Daele, P., Demeester, P. Atmospheric and low pressure metalorganic vapor phase epitaxial growth of vertical quantum wells and quantum well wires on submicron gratings 41290
Vermeire, G. *see* Coudenys, G. 3403
Vermeire, G. *see* Coudenys, G. 41306
Vermeire, G. *see* Vermaerke, F. 35812
Vermelho, M.V.D., Nicacio, D.L., Gouveia, E.A., Gouveia-Neto, A.S., Carvalho, I.C.S., von der Weid, J.P., Margulis, W. Efficient frequency upconversion of 1.064- and 1.319-μm Nd:YAG laser pulses into intense visible light in silica-based optical fibers 3761
Vermelho, M.V.D., Reis, A.M., Gouveia, E.A., Lyra, M.L., Gouveia-Neto, A.S. Efficient frequency upconversion of 1.319-μm radiation into intense yellow light at 580 nm in pure SiO_2-core monomode optical fiber 3774
Vermeulen, B. *see* Kleinpenning, T. 19886
Vermeulen, F.E., Wang, T., James, C.R., Robinson, A.M. Propagation of infrared radiation in hollow microstructural cylindrical waveguides 43468
Vermeulen, P. *see* Scalkwyk, J. 13164
Vermillion, C. *see* Maurer, H.E. 32066
Vermohlen, R. *see* Quernheim, U. 14545
Vermuri, S. *see* Nickel, J.R. 7763
Vernazza, G. Image classification by extended certainty factors 13640
Vernazza, G. A new splitting strategy for adaptive transform coding 29807
Vernazza, G. *see* Foresti, G. 13787
Vernazza, G. *see* Pellegretti, P. 36992
Vernazza, G. *see* Regazzoni, C.S. 22065
Vernet, D. Electric cars and the quality of life 48178
Vernik, I.V. *see* Ustinov, A.V. 2910
Vernin, P. *see* Bertin, P.Y. 38937
Vernin, P. *see* Blomqvist, I. 38934
Vernon, C. *see* Donachie, J. 38014
Vernon, C. *see* Usher, J. 38013
Vernon, D. Automatic detection of secondary creases in fingerprints 13597
Vernon, G.W. *see* Seaward, D.R. 17502
Vernon, M. *see* Pierrat, C. 2265
Vernon, M.F. *see* Gregus, J.A. 10914
Vernon, P. Systems tools that work 9200
Vernon, S. *see* Namavar, F. 34675
Vernon, S.M., Sanfacon, M.M., Ahrenkiel, R.K. Growth of $(GaAs)_{1-x}(Ge_2)_x$ by metalorganic chemical vapor deposition 41294
Vernon, S.P., Stearns, D.G., Rosen, R.S. Ion-assisted sputter deposition of molybdenum-silicon multilayers [for soft X-ray optics] 26491
Vernon, S.P. *see* Rosen, R.S. 28581
Vernon, S.P. *see* Stearns, D.G. 27817
Vernon, W. *see* Anderson, G. 38901
Vernotte, F., Groslambert, J., Gagnepain, J.J. A new method of measurement of the different types of noise altering the output signal of oscillators 23871
Vernotte, F., Lantz, E., Groslambert, J., Gagnepain, J.J. A new multi-variance method for the oscillator noise analysis 18516
Vernotte, V. *see* Legros, D. 32648
Vernucci, A., Craig, A.D. A European mobile satellite system concept exploiting CDMA and OBP 37916
Vernucci, A. *see* Craig, A.D. 37915
Verolino, L. *see* Bassetti, M. 7053
Veron, D., Thiell, G., Gouedard, C., Estraillier, P., Thebault, J.-P. Focal spot smoothing by amplification of reduced coherence pulse in the high power Nd-glass Phebus laser 35951
Veron, H., Kistner, J.M., Bearce, B.L. Spectral composition of alphanumerics and reading performance on CRT displays 23808
Veron, L., Etlicher, B., Chuvatin, A.S., Rouille, C., Stephan, J.-P. Experimental investigation on a long-conduction time-plasma opening switch and its application on a 0.1 TW generator for prepulse suppression 40371
Veron, M. *see* Richard, J. 284
Verona, E. *see* Caliendo, C. 6406
Verona, E. *see* de Cesare, G. 31312
Veroni, F. *see* Campesato, R. 6435
Verrecchia, G.P.D., Van der Straat, F., De Baere, P., Menlove, H.O. A review of the use of the neutron coincidence collar for the assay of fresh LWR-LEU fuel assemblies 38873
Verrecchia, L., Fruchard, C., Geoffray, C., Vaillant, F. Mobile communications business applications 14066
Verrecchia, P. *see* Dingus, P. 31700
Verriest, E.I., Li, G. Optimal implementation of multi-channel filter banks 13465
Verschuren, J., Govaerts, R., Vandewalle, J. ISO-OSI security architecture 22558
Verschuren, T. *see* Huizer, E. 14137
Verschuur, G.L. Beam bias: the influence of beamwidth on observations of H I "clouds" and the significance of derived cloud densities 46155
Verschuure, J. *see* Soede, W. 24353
Verseille *see* Bellon 39998
Verseille, J. *see* Bourgin, F. 24686
Verster, J.P. Relay fault recorders 16479
Vertatschitsch, E.J. *see* Abbas, G.L. 7538
Vertatschitsch, E.J. *see* Fitzsimmons, G.W. 29371
Vertes, A. *see* Dreyfus, R.W. 19970
Vertesy, G. *see* Pardavi-Horvath, M. 43292

Vertiy, A.A., Gavrilov, S.P., Chumachenko, S.G. Instability of Fabry-Perot interferometer with a multilayered paramagnetic filling 21036
Vertiy, A.A., Gavrilov, S.P., Tarapov, S.I. Magnetoresonance quasi-optical transistor 21035
Vertiy, A.A. *see* Derkatch, V.N. 3970
Verweij, H. *see* Campbell, M. 46972
Verweij, J. *see* Luchies, J.M. 2520
Verweij, K., Staverman, J., Boender, W. Hot gas clean-up improves IGCC efficiency 40012
Verwer, B.J.H., van Vliet, L.J., Verbeek, P.W. Binary and grey-value skeletons: metrics and algorithms 45204
Verzellesi, G., Baccarani, G., Canali, C., Pavan, P., Vendrame, L., Zanoni, E. Prediction of impact-ionization-induced snap-back in advanced Si n-p-n BJT's by means of a nonlocal analytical model for the avalanche multiplication factor 34918
Verzellesi, G. *see* Bacchetta, N. 38865
Verzellesi, G. *see* Bacchetta, N. 46842
Verzhbitskii, V.V. LSS sondes in triaxial-anisotropic media 47223
Vescan, L., Dieker, C., Hartmann, A., van der Hart, A. $Si/Si_{1-x}Ge_x$ dots grown by selective epitaxy 41338
Vescan, L. *see* Hollander, B. 27658
Vescan, L. *see* Jebasinski, R. 10880
Vescovi, S. *see* Hsieh, H. 15538
Vescovo, E. *see* Bertuccio, G. 18534
Vesecky, J.F. *see* Qian Lin 36921
Veselka, J.J. High-speed lithium niobate modulators and switches 3161
Veselka, J.J. *see* Hansen, P.B. 37985
Veselka, J.J. *see* Heismann, F. 14593
Veselka, J.J. *see* Heismann, F. 38093
Veselov, V.V. *see* Ganefeld, R.W. 25728
Veselovsky, I. *see* Hyben, P. 1388
Vesely, W.E., Belhadj, M., Rezos, J.T. PRA importance measures for maintenance prioritization applications 39718
Veserevich, V. *see* Padamsee, H. 6995
Veshev, N.A. Bound modes in a nearly axisymmetric optical fiber 28460
Veshkurtsev, Y.M. Noise immunity of the signal phase analyser 23506
Vesilo, R. Recursive descent techniques for ASN.1 decoding and encoding 29450
Vesilo, R. A comparison of the network performance of frame-based variable bit rate video sources with sub-frame-based variable bit rate video sources 38262
Vesin, J.-M. *see* Acosta, F.M.A. 13332
Vesin, J.M. An alternative scheme for adaptive nonlinear prediction using radial basis functions 21755
Vesin, J.M. *see* Karrakchou, M. 24157
Veslud, C.Le Carlier de *see* Le Carlier de Veslud, C.
Vesnin, V.L. *see* Aleksandrov, A.F. 29105
Vesterbacka, M. *see* Nilsson, P. 42062
Vestergaard, P.D. *see* Topp, J. 26295
Vestergaard-Poulsen, P., Thomsen, C., Sinkjaer, T., Henriksen, O. Simultaneous ^{31}P NMR spectroscopy and EMG in exercising and recovering human skeletal muscle: technical aspects 38982
Vestyck, D.J. *see* Lee, S.S. 41468
Vestyck, D.J., Jr. *see* Marchywka, M. 19514
Veszelei, E. *see* Ronnow, D. 38727
Veszely, G. *see* Petre, P. 21210
Veszpremi, K. Field oriented control of CSI-fed induction motor drive using DSP 17442
Vesztergombi, G. *see* Bachler, J. 46934
Vetanen, B., Haynes, C., Prasad, S.J., Beers, I., Park, S. Low contact resistivity Mn/Au/Ti/Pd/Au p-ohmic contacts for HBTs 27782
Vetelino, J.F. *see* Andle, J.C. 15098
Vetluzhskii, A.Yu. *see* Lomukhin, Yu.L. 29134
Vetrov, A.A. Using a hybrid integrated-optical correlator to process the signal of a heterodyne laser rangefinder 12506
Vetrov, A.A. *see* Berezhnoi, A.A. 14714
Vetrov, A.P., Il'chenko, V.V., Lisnyak, P.G., Strikha, V.I., Kholodar, G.A., Khryzhanovskiy, D.I. On the possibility of changing the properties of molybdenum silicide-silicon contacts by means of pulse effects 27564
Vetsch, R. Preventive maintenance of oil filled network transformers of low and medium rating 25513
Vetter, J. Vacuum arc vaporisation: coating deposition and application potential 9036
Vetter, J. *see* Chakarvarti, S.K. 18238
Vetter, J. *see* Yoshida, M. 7267
Vetter, W. *see* Foster, E. 33364
Vetterli, M. *see* Herley, C. 4614
Vetterli, M. *see* Herley, C. 13303
Vetterli, M. *see* Herley, C. 44969
Vetterli, M. *see* Hong, J. 36454
Vetterli, M. *see* Ortega, A. 37024
Vetterli, M. *see* Ortega, A. 38212
Vetterli, M. *see* Ramchandran, K. 31022
Vetterli, M. *see* Thao, N.T. 36764
Vettiger, P., Benedict, M.K., Bona, G.L., Buchmann, P., Cahoon, N., Datwyler, K., Dietrich, H.P., Moser, A., Sasso, G., Seitz, H.K., Voegeli, O., Webb, D.J., Wolf, P. Full wafer technology (FUWA) for large-scale laser fabrication and integration 3641
Vettiger, P. *see* Tang, W.C. 28827
Veugen, T. Repetition strategies for the binary symmetric channel with feedback 12868
Veuhoff, E. *see* Heinecke, H. 9629
Veuhoff, E. *see* Stegmuller, B. 3609
Veuillen, J.-Y., d'Anterroches, C., Nguyen Tan, T.A. Growth of silicon thin films on erbium silicide by solid phase epitaxy 18220
Veyrat, A. *see* Silvain, J.F. 33768
Veyre, A. *see* Cauvin, J.C. 15864
Veysoglu, M.E., Shin, R.T., Kong, J.A. A finite-difference time-domain analysis of wave scattering from periodic surfaces: oblique incidence case 12567
Vezin, V., Okuda, H., Osamura, K., Amemiya, Y., Kitahara, K., Nakajima, K. Study of gallium arsenide on silicon by small angle X-ray scattering 33630
Veziroglu, T.Nejat *see* Nejat Veziroglu, T.
Vezzani, A. *see* Bertin, A. 31795
Vezzetti, D.J., Munowitz, M. Two-dimensional model for waveguide junctions 29273
Vezzini, A. *see* Kung, L. 48260
Vezzoni, E. *see* Cadeddu, R. 23070
Vezzoni, E. *see* Cinato, P. 46022
Vezzoni, E. *see* Hill, G.R. 6051
Via, F.La *see* La Via, F.
Vial, D. *see* Jacob, J. 15458
Vial, J.-F. *see* Boucherok, F. 31013
Vial, J.C. *see* Mihalcescu, I. 34772
Vial, P. *see* Cohen, A. 33575
Viala, M., Faye, C., Guerin, J.-P., Juvin, D. Cylindrical object reconstruction from a sequence of images 45171
Vianco, P.T. Robust solder joint attachment of coaxial cable leads to piezoelectric ceramic electrodes 9240
Vianco, P.T. Robust solder joint attachment of coaxial cable leads to piezoelectric ceramic electrodes 17833
Vianco, P.T. Embrittlement of surface mount solder joints by hot-dipped, gold-plated leads 34374
Vianco, P.T. Development of alternatives to lead-bearing solders 40918
Vianco, P.T., Frear, D.R. Issues in the replacement of lead-bearing solders 281
Vianco, P.T. *see* Artaki, I. 34379
Vianco, P.T. *see* Artaki, I. 42297
Vianco, P.T. *see* Hosking, F.M. 34412
Viano, J.B. *see* Benchekroun, D. 7218
Viaro, F. *see* Del Carlo, C. 32978
Viaro, F. *see* Sestini, D. 8299
Viarouge, P. *see* Kamwa, I. 40132
Viberg, M. Sensitivity of parametric direction finding to colored noise fields and undermodeling 29588
Viberg, M., Stoica, P., Ottersten, B. Array processing in correlated noise fields using instrumental variables and subspace fitting 29617
Viberg, M. *see* Stoica, P. 36759
Viberg, M. *see* Swindlehurst, A. 36434
Vibholm, S., Berril, J. Evaluation of the field enhancement factor of sand-blasted electrodes by both electrical and mechanical techniques [in SF_6 gas] 11348
Vicente, J.de *see* de Vicente, J.
Vicenzi, B. *see* Risso, L. 26524
Vichare, N.S. *see* Mili, L. 24627
Vichev, B.I., Kostov, K.G., Kresteva, E.N. Calibration procedure, linearity tests and error analysis of microwave Dicke-type radiometers 14958
Vichev, S.T. *see* Valtchev, D.Z. 42265
Vicino, A. *see* Tesi, A. 4673
Vicino, A. *see* Tesi, A. 44954
Vick, L. *see* Sun, F.P. 18364
Vick, L. *see* Zhou, S. 926
Vick, S.G. *see* Nielsen, N.M. 47803
Vickers, B.J., Kim, J.B., Suda, T., Hong, D.P. Congestion control and resource management in diverse ATM environments 22635
Vickers, R. The development of ATM standards and technology: a retrospective 45515
Vickers, V.E. *see* Caefer, C.E. 32154
Vickery, S.K., Carter, J.R., D'Itri, M.P. An empirical analysis of foreign exchange management strategies in international sourcing 40850
Victor de Biasi, B. Next generation gas turbine designs taking shape in ATS, CAGT programs 39988
Victoria, M. *see* Levinson, J. 11106
Vida-Torku, E.K. Impact of boundary-scan design on delay test 244
Vida-Torku, E.K., Parise, S.A., Gaede, R.K. Modelling of bipolar DCS DOT circuits 10134
Vidaj, Y.T. *see* Avdeyev, S.P. 7149
Vidal, E. New formulation and improvements of the nearest-neighbour approximating and eliminating search algorithm (AESA) 22249
Vidal, E. *see* Castano, M.A. 13118
Vidal, E. *see* Juan, A. 22251
Vidal, E. *see* Mico, M.L. 22250
Vidal, J., Fonollosa, A.R. All-poles modelling using a linear combination of cumulants 13453
Vidal, J., Fonollosa, J.A.R. Causal AR modeling using a linear combination of cumulant slices 45028
Vidal, J. *see* Fonollosa, J.A.R. 487
Vidal, M.P. *see* Bafleur, M. 9947
Vidal, P. *see* Bergougnoux, P. 30468
Vidal, R. *see* Biegelmeier, G. 207
Videbaek, F. *see* Maazouzi, C. 31746
Videira, F., Casaca, A. An ISDN primary rate interface for Ethernet access 5456
Videler, P., Rando, N., Peacock, A., Hubner, P., van Dordrecht, A. Spatial variations in the X-ray performance of high quality superconducting tunnel junctions 20194
Videler, P. *see* Rando, N. 23602
Videneev, E.N. *see* Balashov, S.M. 16559
Vidigal, C. *see* Souza, M. 15815
Vidkjaer, J. S-parameter uncertainty computations 31085
Vidmar, T. Estimating the computer network traffic 5518
Vidolob, Yu.F. *see* Tshidjenko, I.M. 25835
Vidoni, A. *see* Dionisi, S. 5749
Vidrine, D.W., McIntosh, B. Compliance FTIR-CEMS for power plant emissions 32692
Vidrine, D.W., McIntosh, B., White, J.R. Developing and selecting a FTIR-based continuous emissions monitoring system to improve allowance management and plant boiler operating efficiencies 16653
Vidts, P.De *see* De Vidts, P.
Vidya, M.S. *see* Viswanathan, G. 7587
Viehbeck, A. *see* Lee, K.L. 26469
Viehland, D.W. Dear Mr. President: A story of misinformation distribution in cyberspace 14087
Vieille, J. *see* Bernard, G. 24991
Vieira, J.L.F. *see* Barbi, I. 32946
Vieira, M., Fortunato, E., Carvalho, C.N., Lavareda, G., Soares, F., Martins, R. Temperature and light induced degradation effect on a-Si:H photovoltaic PIN devices properties 40491
Vieira, M., Fortunato, E., Lavareda, G., Carvalho, C.N., Martins, R. Role of photodegradation on the $\mu\tau$ product and microstructure of the a-Si:H PIN devices 33031
Vieira, M. *see* Fortunato, E. 31307
Vieira, M. *see* Fortunato, E. 31313
Vieira, M. *see* Fortunato, E. 38520
Vieira, M. *see* Martins, R. 27613
Vieira, N.D., Jr. *see* Wetter, N.U. 3538
Viejo, C.B. *see* Secades, M.R. 25933
Viel, P. *see* Houze, F. 42764
Vielhauer, C. *see* Wehn, N. 33831
Vielva, L.A., Pereda, J.A., Vegas, A., Prieto, A. Calculation of scattering parameters of ferrite-loaded waveguides using the FDTD method 29243
Vielva, L.A. *see* Pereda, J.A. 4214
Viennet, E. *see* Soulie, F.F. 22138
Vient, E. *see* He Zhiyong 46884
Vient, M.A. *see* Moe, M.K. 46944
Viera, A.P. *see* Noctor, D.M. 40945
Viereck, D. GT13E2—the most efficient low-emission gas turbine in the 165 MW class 8202
Viereck, D. *see* Weicht, U. 40016
Vieren, J.P. *see* Guldner, Y. 10726
Vieren, J.P. *see* Meurer, B. 14957
Viergever, M.A. *see* Florack, L.M.J. 13497
Viergever, M.A. *see* Ter Haar Romeny, B.M. 37033
Vierhaus, H.T., Meyer, W., Glaser, U., Camposano, R. Fault behavior and testability of asynchronous CMOS circuits 2656
Vierhaus, H.T. *see* Glaser, U. 1153
Vierhaus, H.T. *see* Hubner, U. 28270
Vierheller, M. *see* Schumacher, B.-J. 23535
Viesti, G. *see* Benchekroun, D. 7218
Viet, P.H. *see* Kazmierkowski, M.P. 16984
Viet Nguyen *see* Zimmerman, G.L. 30033
Viet Nguyen-Tuong Gas permeation through a high density polyethylene microwave window 6899
Vieth, J., Sack, G., Kober, H., Friedrich, S., Moeger, A., Weise, E., Daun, A. The dipole density plot (DDP), a technique to show concentrations of dipoles 31943
Vieu, C. *see* Bedel, E. 9633
Vieu, C. *see* Ben Assayag, G. 27651
Vieu, C. *see* Faye, M.M. 10856
Vieu, C. *see* Faye, M.M. 10862
Vieules, P.H. *see* Cousty, J.P. 32037
Vieux, V. *see* Wolffer, N. 3894
Vieytes, R. *see* Bruzzone, H. 8686
Vig, J.R. Military applications of high accuracy frequency standards and clocks 16101
Vig, J.R., Audoin, C., Cutler, L.S., Driscoll, M.M., EerNisse, E.P., Filler, R.L., Garvey, R.M., Riley, W.J., Smythe, R.C., Weglein, R.D. Acceleration, vibration and shock effects—IEEE standards Project P1193 20100
Vig, J.R. *see* Breakiron, L.A. 23765
Vig, J.R. *see* Filler, R.L. 20087
Vig, J.R. *see* Suter, J.J. 23840
Vigdor, S.E. Spin and flavor at 'virtual' American hadron facilities 6868
Vigh, A. *see* Javor, A. 18021
Vigil, A.J., Belkerdid, M.A., Malocha, D.C. SAW quadrature binary modulation system applications 10019
Vigil, A.J., Hull, A.W., Solie, L.P., Miller, M.J., Kansy, R.J., Fleisch, D.A. Applications of acoustic charge transport 11423
Vigil, A.J., Malocha, D.C., Belkerdid, M.A. Design of SAW FIR filters for quadrature binary modulation systems 10257
Vigil, J. *see* Barrick, M. 2351

Vigil, J.A. *see* Ahlgren, W.L. 755
Viglieno Cossalino, G. Management of measuring equipment and instrumentation in a construction materials testing laboratory 46286
Vigliotti, D.R. *see* Colgan, E.G. 34837
Vigna, G. *see* Zhou, J. 38114
Vignat, C. *see* Dreyfus, G. 4643
Vignati, A. *see* Messina, G. 15332
Vignati, A. *see* Ronsivalle, C. 15380
Vignesvaran, R. *see* Cooper, G.J. 9465
Vignola, G. *see* Bartalucci, S. 7054
Vignola, G. *see* Bartalucci, S. 15502
Vignola, G. *see* Biagini, M.E. 15379
Vignoles, G.L. Iterations of the sawtooth map as a dynamical model for CVD/CVI SiC polytype growth 33697
Vignoli, V. *see* Fort, A. 9814
Vigo, D. *see* Laguna, P. 15882
Vigo, P. *see* Cascetta, F. 46411
Vigouroux, N. *see* Farhat, A. 21703
Vigreux, G. *see* Grignon, P. 24910
Viitanen, A.J. Generalized WKB approximation for plane wave reflection from a stratified bi-isotropic half space 4083
Viitanen, A.J., Lindell, I.V. Plane wave propagation in a uniaxial bianisotropic medium with an application to a polarization transformer 4063
Viitanen, A.J., Lindell, I.V. Uniaxial bianisotropic slab as a polarization transformer 29127
Viitanen, J., Lekkala, J. Flat waveguide displays with liquid crystal switching 31368
Vij, J.K. *see* Kocot, A. 28526
Vij, S.S. Eliminating routing bottlenecks in high density programmable architectures 26828
Vij, V. *see* Ramamoorthy, C.V. 41578
Vijay, D.P., Desu, S.B., Pan, W. Reactive ion etching of lead zirconate titanate (PZT) thin film capacitors 2156
Vijay, D.P. *see* Kwok, C.K. 35141
Vijay, S.K. *see* Kumar, S. 36201
Vijaya, R., Murti, Y.V.G.S., Vijayaraj, T.A., Sundararajan, G. Optical nonlinearities in substituted conjugated polymers 12377
Vijaya Kumar, B.V.K., Brasher, J.D., Hester, C.F., Srinivasan, G., Bollapragada, S. Role of the constraint values in synthetic discriminant function filter design 30104
Vijaya Kumar, B.V.K., Chen, C.L., Brasher, J.D. Correlation filters assessed in terms of probability of detection and probability of false alarm 30103
Vijaya Kumar, B.V.K., Hendrix, C.D. Choice of threshold line angle for binary phase-only filters 30114
Vijaya Kumar, B.V.K. *see* Rahmati, M. 30111
Vijaya kumar, B.V.K. *see* Richards, S. 30112
Vijayan, P., Thyagarajan, L., Balasubramanian, V., Ramakrishnan, V.R. Recycled deionised water—a coolant for MHD DC generator and thyristors (inverters) 25348
Vijayan, R., Holtzman, J.M. A model for analyzing handoff algorithms [cellular radio] 5782
Vijayan, R. *see* Grandhi, S.A. 22839
Vijayan, R. *see* Kuek, S.S. 22842
Vijayananda, K., Raghavan, S.V. DOFSON—a distributed fault management system for open system networks 5384
Vijayaraj, T.A. *see* Vijaya, R. 12377
Vijgen, L.J. *see* de Jager, P.W.H. 29107
Vikharev, A.V. *see* Amirov, I.I. 27670
Vikram, C.S. *see* Rhee, U.-S. 3921
Vikram, J. *see* Sabharwal, A. 4773
Viktorov, E.A., Kolotushkin, Yu.V., Ustyugov, V.I. Characteristic properties of technical and natural amplitude noises of CW two-frequency solid-state lasers with smoothed spatial field inhomogeneity 3534
Viktorov, L.V. *see* Shul'gin, B.V. 46882
Vila, A., Cornet, A., Morante, J.R., Gonzalez, L., Gonzalez, Y., Briones, F., Ruterana, P. TEM study of the growth modes in ALMBE GaAs layers on Si 9543
Vila, D. Folding time into space. Novel approaches to integral holography 29058
Vila, J. *see* Barro, S. 7458
Vila, N., Millan, M.S., Nieves, J.L., Romero, J., Yzuel, M.J. Colourimetric analysis of image reproductions used in optical recognition systems of polychromatic objects 29900
Vilain, J.P., Milent, E. The vector controlled asynchronous actuator and its using possibilities for embarked applications 8417
Vilain, P. *see* Konijn, J. 24087
Vilar, E. *see* Tawfik, A.N. 36173
Vilar, E. *see* Wan, K.W. 30617
Vilar-Frenandez, J.M. *see* Cao, R. 9375
Vilardi, G.H. *see* Madonna, R.G. 46082
Vilaseca, R. *see* Silva, F. 28712
Vilbrandt, P. Portable data loggers tackle the tough assignments 14906
Vilcheck, W. *see* Shipp, D.D. 7830
Vil'chinskii, A.S. *see* Bykov, V.N. 27385
Vilcins, S. *see* Balewski, K. 46775
Vilcot, A., Tedjini, S. Modeling of photoconductive switch using spectral domain approach 28616
Vilcot, A., Tedjini, S. Dynamic electrical modeling of gap discontinuities on lossy monolithic microstrip line 44520
Vilcot, J.P. *see* Elkadi, H. 3603
Vilcot, J.P. *see* Maricot, S. 5952
Vil'dyayev, I.K., Pakhomov, I.S. Calculation of the characteristics of random access to a switched communications repeater by analyzing points of equilibrium 30682
Vilela, M.F. *see* Medelci, N. 26418
Vilgis, M. *see* Burgkhardt, B. 7264
Vilhunen, J.K., Tummavuori, J. Processes during preparation of lead/acid battery positive plates from tetrabasic lead sulfate (4BS) pastes 25639
Vilhunen, J.K., Tummavuori, J. Changes in the morphology and structure of positive active material starter batteries as a consequence of their use in vehicles 25655
Viliardos, M.A. *see* Rosen, R.S. 28581
Viliunas, M. *see* Juska, G. 28603
Viliunas, M. *see* Juska, G. 42440
Viljanen, A. *see* Pirjola, R. 40294
Vilkman, V.A. *see* Ahonen, A.I. 31919
Vilkov, I.A., Matyugov, S.S., Yakovlev, O.I. Amplitude fluctuations during radiography investigation of the Earth's atmosphere along a satellite-to-satellite path 29171
Vilks, E. *see* Janz, S. 11635
Villa, M. *see* Bertin, A. 31795
Villa, P.L. *see* Malachevsky, M.T. 11521
Villa, S.A.Della *see* Della Villa, S.A.
Villain, J.-P. *see* Hanuise, C. 7600
Villalobos, J.R. *see* Hernandez, M.E. 274
Villalobos, L., Merat, F.L. Neural net range image segmentation for object recognition 29768
Villalobos, L. *see* Gruber, S. 46298
Villani, D. *see* Leboucher, L. 44275
Villani, F. *see* Conte, G. 42444
Villani, M. *see* Parasiliti, F. 40203
Villanueva, H.E., Arena, S.N., Albertos, P. Data filtering and presentation for decision support in power stations 39697
Villanueva, Y., Rakov, V.A., Uman, M.A., Brook, M. Microsecond-scale electric field pulses in cloud lightning flashes 36289
Villar, J. *see* Sanz-Bobi, M.A. 32897
Villar, R. *see* Martinez-Burdalo, M. 29152
Villard, D., Arnaldi, B. Symbolic differentiation library for simulation of multibody rigid systems 33544
Villares, P. *see* Dominguez, M. 42443
Villarroya-Arranz, A. *see* Coey, W.A. 17748
Villas-Boas, V. *see* Taylor, D.W. 35218
Villasenor, J.D. Full-frame compression of tomographic images using the discrete Fourier transform 7345
Villasenor, L. *see* Kendall, H.W. 46970
Villata, F. *see* Ferranti, M. 8928
Villata, F. *see* Fratta, A. 8876
Villate, D. *see* Eyharts, P. 15294
Villaverde, A.B. *see* Loutts, G.B. 18126
Villaverde, A.B. *see* Schmaul, B. 20737
Villaverde, A.B. *see* Zhang, X.X. 20729
Villaverde, A.B. *see* Zhang, X.X. 20732
Villaverde, A.Balbin *see* Balbin Villaverde, A.
Ville, L.J.St. *see* St. Ville, L.J.
Villedieu, E. *see* Amara, M. 25545
Villegas, P.J. *see* Alonso, J.M. 17588
Villeger, D., Oklobdzija, V.G. Evaluation of Booth encoding techniques for parallel multiplier implementation 10062
Villeger, D. *see* Oklobdzija, V.G. 18623
Villeger, D. *see* Oklobdzija, V.G. 26794
Villemain, E. *see* Rolland, M. 1928
Villemazet, J.F., Camiade, M., Obregon, J. Conversion loss improvement of cold FET mixers by a statistical optimization of the unwanted mixing frequencies terminations 27235
Villen-Altamirano, M. Activities on traffic engineering for B-ISDN in CCITT, SG II 14279
Villeneuve, A. *see* Al-hemyari, K. 35433
Villeneuve, A. *see* Dumais, P. 12384
Villeneuve, A. *see* Yang, C.C. 3093
Villeneuve, A. *see* Yang, C.C. 3772
Villeneuve, A. *see* Yang, C.C. 43456
Villeneuve, B. *see* Breton, M. 3655
Villeneuve, D.M. *see* Nantel, M. 11914
Villepin, M.De *see* De Villepin, M.
Villers, Y.M.de *see* de Villers, Y.M.
Villiers, J.M.de *see* de Villiers, J.M.
Villinger, H. *see* Lewis, T.J. 24468
Villoldo, J. *see* Agrawal, P. 10091
Villoresi, F. *see* Genesio, R. 26653
Villotte, J.-P. *see* Bouysse, P. 46589
Villotte, J.P. *see* Coupat, J.M. 6750
Villotte, J.P. *see* Coupat, J.M. 31108
Villotte, J.P. *see* Duvanaud, C. 1515
Villuendas, F. *see* Gilgen, H.H. 3079
Villuendas, F. *see* Subias, J. 37668
Vin, H.M., Rangan, P.V. Admission control algorithms for multimedia on-demand servers 14170
Vinai, F. *see* Allia, P. 11453
Vinassa, J.M. *see* Cros, J. 8455
Vinassa, J.M. *see* Cros, J. 17136
Vinattieri, A. *see* Beaumont, S.P. 15637
Vinattieri, A. *see* Roussignol, P. 42513
Vinattieri, A. *see* Schneider, H. 38496
Vince, J. VR impacts in flight simulation 24399
Vince, R., Holmes, S.J., Faulkner, W., Hutt, P. New metering systems: the UK experience 25072
Vincensini, F., Liegeois, C., Gravey, P. Holographic coupler for infrared single mode optical fibres: 1.3 μm 44147
Vincent, C.A. *see* Bruce, P.G. 25661
Vincent, D. *see* Jerominek, H. 2933
Vincent, G. *see* Sagnes, I. 15028
Vincent, I.G. *see* Drahota, A. 22579
Vincent, P. Computation of grating efficiencies with a Green function taking into account the substrate interface 12550
Vincent, P. *see* Neviere, M. 3119
Vincent, R.A. *see* Murphy, D.J. 15989
Vincent, R.A. *see* Rajopadhyaya, D.K. 39380
Vincenti, D., Jin, H., Ziogas, P. Design and implementation of a 25 kVA three-phase PWM AC line conditioner 17082
Vincenzoni, R., Masini, G., Leo, G., Guattari, G., Galluzzi, F. Carbon-rich a-SiC:H alloys as dielectric materials: injection mechanisms in MIM-type structures 27607
Vincenzoni, R. *see* Galluzzi, F. 33027
Vincenzoni, R. *see* Leo, G. 28608
Vinchant, J.-F., Goutelle, A., Martin, B., Gaborit, F., Pagnod-Rossiaux, P., Peyre, J.-L., Le Bris, J., Renaud, M. New compact polarisation insensitive 4×4 switch matrix on InP with digital optical switches and integrated mirrors 38121
Vinchant, J.-F., Renaud, M., Erman, M., Peyre, J.L., Jarry, P., Pagnod-Rossiaux, P. InP digital optical switch: key element for guided-wave photonic switching 5946
Vinchentzio, R.I. Cut DDS images in hopping SSB mixer/modulator 45760
Vinci, R.P., Bravman, J.C. Stress in copper thin films with barrier layers 34826
Vinci, R.P., Marieb, T.N., Bravman, J.C. Non-destructive evaluation of strains and voiding in passivated copper metallizations 34823
Vinck, A.J.H. *see* Kuznetsov, A.V. 21633
Vindevoghel, J. *see* Constant, E. 42249
Vine, D.M.Le *see* Le Vine, D.M.
Vine, I.A. *see* Foster, B. 31714
Vine, M.Le *see* Le Vine, M.
Vinenko, V.G. *see* Gorbatov, S.S. 10470
Viner, J.M. *see* Gaughan, K. 27627
Vines, G., Hayes, M.H., III Using hidden variable fractal interpolation to model one-dimensional signals 13452
Vinet, F., Mourier, T., Baudru, F., Le Cornec, C., Lerme, M., Guillaumot, B., Laurens, M. Negative deep UV processes for CMOS and EPROM devices: performances and limits 2367
Vinet, F. *see* Funhoff, D.J.H. 11050
Vinet, J.Y. *see* Prade, B. 35405
Vinett, P. *see* Lamoree, J.D. 32349
Vingelis, P.J. *see* Malone, T.B. 16113
Vinh, H., van Dam, C.P., Dwyer, H.A. Radar-cross-section and aerodynamic-force calculations using finite-difference methods 47151
Vinh Le Thanh *see* Le Thanh Vinh
Vinichenko, Yu.P. *see* Aleksandrov, N.L. 4328
Vining, C.B., Williams, R.M., Underwood, M.L., Ryan, M.A., Suitor, J.W. Reversible thermodynamic cycle for AMTEC power conversion 17411
Vink, T.J. *see* Nieuwesteeg, K.J.B.M. 2426
Vink, T.J. *see* Nieuwesteeg, K.J.B.M. 2427
Vinnakota, B., Harjani, R. The design of analog self-checking circuits 41691
Vinnakota, B., Rao, V.V.B. Generation of all Reed-Muller expansions of a switching function 36522
Vinod, V.V., Chaudhury, S., Mukherjee, J., Ghose, S. A connectionist approach for color image segmentation 22173
Vinogradov, A.A., Rogashkova, A.I. Nonlinear distortion of a high-power microwave pulse propagating in a weakly ionized gaseous medium 29196
Vinogradov, A.V. *see* Popov, A.V. 29140
Vinogradov, A.Y. *see* Florinskii, V.Y. 35036
Vinogradov, E.A., Latyshev, A.B., Semyonov, A.V. A method for spectral investigations in a quasi-optical cuvette under conditions of interference 28350
Vinogradov, E.M., Kharchenko, I.P. An EMC course for radio engineering specialities 44398
Vinogradov, K.M., Zmicherevski, A.B., Kovalenkova, N.V., Lukin, A.V. Natural textured object recognition using spatial matched filtering technique 21932
Vinokurov, N.A. The storage ring free electron lasers 12259
Vinokurov, Y.S. *see* Ashurbekov, N.A. 11834
Vinolas, J., Anorga, J.R., Forriol, F., Goenaga, I. A transducer for the measurement of forces in external fracture fixator devices: test results 7459
Vinsant, R. *see* Clarke, R. 25525
Vinson, J.R. *see* Hodge, K.G. 38054
Vint, M.K. *see* Bullock, K.J. 48258
Vinter, B. Detectivity of a three-level quantum-well detector 46451
Vinter, B., Luc, F., Bois, P., Thibaudeau, L., Rosencher, E. Capture and emission of electrons in quantum wells under applied electric field 46447
Vinter, B. *see* Bouregba, R. 34258
Vinton, S.J. *see* Parr, A.T.J. 15102

Vinyarskii, G.S. *see* Pavlovskii, A.I. 28713
Vinyes, J. *see* Azcorra, A. 14266
Vinzenz, W. *see* Angert, N. 6905
Viol, W. *see* Bielesch, U. 11944
Viola, M.S., Nyquist, D.P. Approximating the continuous spectrum for integrated optical waveguides using an electric field integral equation for the transverse components 20378
Viola, R. A technique for performing the assembly alignment of the SSC dipole magnets 6933
Viola, R. *see* Colzi, E. 37085
Viola, R. *see* De Gaudenzi, R. 22301
Viola, R. *see* Lo Galbo, P. 37904
Violet, M.D., Frederickson, A.R. Spacecraft anomalies on the CRRES satellite correlated with the environment and insulator samples 39146
Violette, K.E. *see* Sanganeria, M.K. 670
Violette, K.E. *see* Sanganeria, M.K. 712
Vion, E. *see* Van Bogaert, J. 22418
Viorel, I.A., Rosler, E., Hedesiu, H.C., Chis, M. Field orientation concept in induction motor control, a new point of view 40185
Viorel, I.A., Szabo, L., Kovacs, Z. Quadrature field-oriented control of a linear stepper motor 40268
Viorel, I.A. *see* Szabo, L. 40269
Vira, J. Disposal of radioactive wastes from the Finnish nuclear power plants 39863
Virdi, G.S. *see* Dwivedi, V.K. 11323
Virgilio, A.Di *see* Di Virgilio, A.
Virgos, J.M. *see* Rodriguez, J. 36318
Viriot, M.-L. *see* Andre, J.-C. 43609
Virkar, A.V. *see* Mehta, K. 17334
Virkovskii, A.Ya. Application of transformers with ferrite cases for obtaining steep-front HV pulses 8474
Virkus, R., Spratt, D. SPICE model generation for CMOS logic 41852
Virolainen, V.-M. *see* Moisio, U. 425
Viron, F.de *see* de Viron, F.
Virshup, G.F. *see* Riaziat, M.L. 11688
Virt, I.S. *see* Andrukhiv, M.G. 42467
Virtamo, J., Norros, I. On the broadening of cell bursts in an ATM network 13864
Virzi, A. Numerical study of Czochralski silicon full process thermokinetics 9503
Virzi, R.A., Resnick, P., Ottens, D. Skip and scan telephone menus: user performance as a function of experience 5415
Vis, J. A simple LAN performance measure 45596
Visan, S., Picon, O., Fouad Hanna, V. 3D characterization of air bridges and via holes in conductor-backed coplanar waveguides for MMIC applications 1627
Visan, S., Picon, O., Fouad Hanna, V. 3D FDTD characterization of interconnections between MMIC and MIC modules 42240
Visco, S.J. *see* Lampert, C.M. 35481
Visco, S.J. *see* Ma, Y. 17189
Visco, S.J. *see* Ue, M. 48067
Visconti, P., Moresi, A. ETV, the new system for directory services 5413
Vishnevsky, I.N. *see* Dolinsky, A.V. 15287
Vishnevsky, I.N. *see* Dolinsky, A.V. 15677
Vishnu, P.Srinivas *see* Srinivas Vishnu, P.
Vishnubhotla, L. *see* Balasinski, A. 19853
Vishnubhotla, S.R. Diagnosis of multiple stuck-at type faults and bridge faults in combinational circuits with redundant wires 41742
Vishvakarma, B.R., Al-Fitiani, A.A., Kumar, K.V.R. Analysis of microstrip antenna based on fringing capacitance 29289
Vishvakarma, B.R., Al-Fitiani, A.A., Mitra, T. A new series parallel microstrip array antenna 29367
Vishvakarma, B.R., Rai, C.S. Measurement of complex dielectric constant of sand and dust particles as a function of moisture content 28291
Vishvakarma, B.R. *see* Al-Rizzo, H.M. 44350
Vishwanath, M., Owens, R.M., Irwin, M.J. The computational complexity of time-frequency distributions 4596
Vishwanath, M. *see* Owens, R.M. 36683
Visigalli, P.G. *see* Bozzini, B. 2828
Visintin, A. *see* Anani, A. 32997
Visintin, M. *see* Losquadro, G. 22919
Visintin, M. *see* Sorbara, D. 45840
Visintini, G. Ensuring transmission service quality 22718
Viskum, H.-H. *see* Pontoppidan, K. 29347
Vis'nevskii, S. Protection of electric power installations by modular protective automatics 32979
Visocchi, P.M., Taylor, J.T., Betts, A.K., Haigh, D.G. The variable gain bootstrap active load: a new approach to amplifier voltage gain enhancement and control 18505
Visokay, M.R., Lairson, B. M., Clemens, B.M., Sinclair, R. Transmission electron microscopy study of CoPt(001) and FePt(001) films formed from epitaxial Co/Pt and Fe/Pt multilayers 28355
Visokay, M.R. *see* Lairson, B.M. 11476
Visokay, M.R. *see* Lairson, B.M. 28354
Visschers, J.L. *see* Blok, H.P. 38935
Visschers, J.L. *see* Zondervan, A. 46867
Visse, B. *see* Stassen, H.G. 7485
Visser, A., Kuhn, W., Kuang, L. Surveying of joint-arm robots with theodolites 31475
Visser, A.de *see* de Visser, A.
Visser, H., Mausberg, R., Aschoff, T., Jager, A., Hornecker, E., Kruger, W. Computer-supported device for histomorphometric investigations on laser-surgery 47124
Visser, H. *see* Bokhove, H. 32084
Visser, H.R., van den Bosch, P.P.J. Dynamic modelling of switching systems 17459
Visser, R. *see* Dorenbos, P. 7191
Visser, R.J. *see* Baggerman, J.A.G. 27836
Visser, V. *see* de Vries, J.P.P.M. 7391
Vissers, D.R. *see* Redey, L. 17253
Vissers, K. *see* Essink, G. 18781
Vistak, M. *see* Mikityuk, Z. 43376
Viste, A. *see* Lundgaard, L. 2693
Vistoli, I. *see* Di Gerlando, A. 8389
Visvanathan, K. *see* Deva Raju, K.V.M. 38417
Visvanathan, V. *see* Anuradha, V.K. 41952
Visvanathan, V. *see* Giri, A. 42061
Visvanathan, V. *see* Somasekhar, D. 34100
Viswanath, A.Kasi *see* Kasi Viswanath, A.
Viswanath, H.C., Jones, R.A. Multitarget detection using Kalman-based average displacement estimator 22024
Viswanathan, C.R. *see* Chang, J. 19808
Viswanathan, C.R. *see* Hsu, J.-T. 19818
Viswanathan, C.R. *see* Hsu, J.-T. 42951
Viswanathan, C.R. *see* Li, X. 34972
Viswanathan, G., Ramachandran, G., Vidya, M.S. Radar polarimetry: the need aspect and the density matrix approach 7587
Viswanathan, R. A note on distributed estimation and sufficiency 33474
Viswanathan, R., Seeger, D., Bright, A., Bucelot, T., Pomerene, A., Petrillo, K., Blauner, P., Agnello, P., Warlaumont, J., Conway, J., Patel, D. Fabrication of high performance 512K static-random access memories in 0.25μm complementary metal-oxide semiconductor technology using X-ray lithography 26943
Viswanathan, R., Seeger, D., Bright, A., Bucelot, T., Pomerene, A., Petrillo, K., Blauner, P., Agnello, P., Warlaumont, J., Conway, J., Patel, D. Fabrication of high performance 512Kb SRAMs in 0.25 μm CMOS technology using X-ray lithography 28274
Viswanathan, R. *see* Aalo, V.A. 36663
Viswanathan, R. *see* Ansari, A. 4757
Viswanathan, R. *see* Chen, W. 10877
Viswanathan, T.R. *see* Sayiner, N. 10244
Viswanathan, V. *see* Huang, S.-H.S. 41110
Viswanathan, V.K. *see* Byrd, D.A. 27839
Vita, L. *see* Catania, V. 9340
Vita, P. *see* Lopes, A. 22950
Vita, P.Di *see* Di Vita, P.
Vitale, A. *see* Bertin, A. 31795
Vitale, A. *see* Nappi, M. 15833
Vitale, G. *see* Cecconi, V. 147
Vitale, G.F. *see* Fratelli, L. 2469
Vitale, G.F. *see* Fratelli, L. 28098
Vitale, J. *see* DaPonte, J. 29772
Vitale, S. *see* Cosulich, E. 24028
Vitali, P. *see* Casiraghi, U. 14438
Vitanen, J., Lekkala, J. Fiber optic liquid crystal displays 38611
Vitarelli, J., Russell, P.E. Time delay measurements using conventional E-beam technology 40906
Vite, D. *see* Masciocchi, S. 7182
Vitela, I., Reifman, J. Enhanced backpropagation training algorithm for transient event identification 32557
Viterbi, A.J. The orthogonal-random waveform dichotomy for digital mobile personal communication 37833
Viterbi, A.J., Viterbi, A.M., Gilhousen, K.S., Zehavi, E. Soft handoff extends CDMA cell coverage and increases reverse link capacity 45853
Viterbi, A.J. *see* Wiedeman, R.A. 37744
Viterbi, A.M. *see* Viterbi, A.J. 45853
Vitet, S. *see* Akbar, A. 47551
Vitetta, G.M. *see* D'Andrea, A.N. 4373
Vitkov, M.G. Simple active filters with a short pulse response based on amplifiers and switched capacitors 10264
Vitkov, V.M. *see* Abagyan, A.A. 25147
Vitkovich, R., Franco, A. Amplifier system powers secure communications 41688
Vitkovskii, I.V. *see* Borodulina, L.K. 40078
Vito, A.di *see* di Vito, A.
Vitoshkin, E.A. *see* Akishin, A.I. 10165
Vitrant, G. *see* Neviere, M. 3119
Vitrant, G. *see* Reinisch, R. 35995
Vitriol, W.A., Palmer, E. Qualification of 3-D space-grade memory cubes utilizing low temperature cofired ceramic (LTCC) technology 9287
Vitrou, P. *see* Kleider, J.P. 34993
Vitsinskii, S.A., Isakov, V.K., Karpukhin, S.N., Lovchii, I.L. Stimulated Raman scattering of the beam from a copper-vapor laser in a barium nitrate crystal 36006
Vittal, V. Extending applications of the transient energy function method 24860
Vittal, V., Khammash, M.H., Pawloski, C.D. System dynamic performance: robust stabilization of controls over a range of operating conditions 39474
Vitter, J.S. *see* Howard, P.G. 4388
Vitter, J.S. *see* Howard, P.G. 4850
Vittone, O. Electric vehicle development at Fiat Auto 48232
Vittor, P.de *see* de Vittor, P.
Vittoria, C. *see* How, H. 28419
Vittoria, C. *see* How, H. 36280
Vitturi, S. *see* Hemming, O.N. 8096
Vitulano, S. *see* Nappi, M. 15833
Vitulano, S. *see* Nappi, M. 24247
Vitulano, S. *see* Ruberto, C.Di. 5028
Vitulli, F. *see* Catena, E. 29377
Viturro, R.E. *see* Johnson, F.G. 9579
Vitusevich, S.A. *see* Akopyan, A.A. 42469
Viveash, J.P., Cable, A.N., King, S.K., Stott, J.R.R., Wright, R. Effects of vibration on the readability of an electronic flight instrument display 47195
Vivekanandan, J., Raghavan, R., Bringi, V.N. Polarimetric radar modeling of mixtures of precipitation particles 32088
Vivekanandan, J., Turk, J., Bringi, V.N. Comparisons of precipitation measurements by the Advanced Microwave Precipitation Radiometer and multiparameter radar 24480
Viverge, P.J., Rousseau, J.J., Chante, J.P., Allard, B. Low power converter for high temperature applications 17055
Viverge, P.J., Rousseau, J.J., Lin, C.C., Chante, J.P. MOS transistor control for a quasi-resonant converter at 200°C 26679
Viverito, V.J. *see* Miletta, J.R. 39448
Viveros, R. Approximate inference for location and scale parameters with application to failure-time data 17964
Vives Fos, R. *see* Andriamifidy, J.L. 8341
Vivian, W.E. Wireless cable and compressed video 38326
Viviani, G.L. Discrete stochastic process monitoring for large-scale distributed circuits 24831
Viviani, N. *see* Sansoni, G. 35506
Viyar, J. *see* Kuz'minov, V.V. 7164
Vizard, D.R. *see* Lyons, B.N. 6413
Vizil'ter, Yu.V. *see* Yanshin, V.V. 4651
Vizmuller, P. The flux-gate magnetometer: a very sensitive ELF magnetic detector 31155
Vizoso, B., Civera, R., Lopez-Amo, M. Double serial amplified recirculating delay line 2952
Vizy, K.N. The electronification of classical radiography 39003
Vizzini, A.J. *see* Singh, D.A. 28333
Vlach, J. *see* Wojciechowski, J.M. 18393
Vlachogiannis, J.G. *see* Bakirtzis, A.G. 16132
Vlachos, D.S., Skafidas, P.D., Avaritsiotis, J.N. Transient effects of tin oxide CO sensors in the presence of water vapor 6663
Vlad, I. Optimization of the commutation process in DC machines function of the winding type, its pitch and the brush-width 40247
Vladar, A.E. *see* Postek, M.T. 19316
Vladar, E. *see* Postek, M.T. 10637
Vladar, K. *see* Kulynych, J.J. 24240
Vladimir, A.C. A new integrated circuit for control of power MOSFETs 1045
Vladimir, S.A. *see* Alexander, Z.A. 31408
Vladimirescu, A., Charlot, J.-J. Challenges of MOS analog circuit simulation with SPICE 43102
Vladimirov, A. *see* Izmailov, R. 4856
Vladimirov, F.L., Chaika, A.N., Morichev, I.E., Pletneva, N.I. Temporal characteristics of optically controlled transparencies of the photoconductor-liquid-crystal type used as holographic correlators 3223
Vladimirov, S.V., Popell, S.I., Yu, M. Plasma maser effect and beam instability 11909
Vladimirov, S.V. *see* Popel, S.I. 35642
Vladimirov, V.I. *see* Deputatova, L.V. 25813
Vladut, S.G. *see* Hirschfeld, J.W.P. 44724
Vlahos, K. *see* Bunn, D.W. 7888
Vlasenko, A.I. *see* Mozol', P.E. 42415
Vlasenko, N.A., Semenov, Yu.G., Belyaev, A.E., Beletskii, A.I., Veligura, L.I., Kononets, Ya.F., Shevchenko, N.V. Effect of a magnetic field on the characteristics of ZnS:Mn-based thin-film electroluminescent structures with an intrinsic memory 43621
Vlasenko, N.A. *see* Beletskii, A.I. 20545
Vlasenko, O.A. *see* Belov, A.V. 38002
Vlasjuk, Yu.A. *see* Ryabushkin, O.A. 3341
Vlasov, A. *see* Levush, B. 27417
Vlasov, D.V., Ivashkin, P.I., Isaev, A.A., Kazaryan, M.A., Kuznetsova, T.I., Chykov, V.V. Amplification of image brightness in strontium vapor 3420
Vlasov, G.K., Chizhikova, E.I., Vylegzhanin, D.N. Excitonic detectors of infrared and submillimeter radiation 46434
Vlasov, S.N., Koposova, E.V. Total antispecular reflection from a corrugated dielectric interface. Quasioptic dielectric echelette resonators 42159
Vlasov, S.N. *see* Shapiro, M.A. 10425
Vlasov, Yu.G. Sensor R and D in the former Soviet Union 6438
Vlasov, Yu.G. *see* Legin, A.V. 6468
Vlassov, A. *see* Bertin, P.Y. 38937
Vlcek, B.L., Sargent, B.L., Lauer, J.L., Ganapathi, S.K., Talke, F.E. Wear of the magnetic head-carbon overcoated disk interface: a Raman spectroscopy study 20149

Vleggaar, J.J.M., Huizer, A.H., Varma, C.A.G.O. Effects of fluorescence on spatial resolution of photoresist materials 11007
Vlekkert, H.H.van den *see* van den Vlekkert, H.H.
Vleuten, R.J.van der *see* van der Vleuten, R.J.
Vleuten, W.C.van der *see* van der Vleuten, W.C.
Vlieks, A. *see* Ruth, R.D. 46776
Vliet, J.Van *see* Van Vliet, J.
Vliet, L.J.van *see* van Vliet, L.J.
Vlijmen, B.van *see* van Vlijmen, B.
Vloeberghs, C., Dubreucq, V. Speaker recognition on links by vocoders 21663
Vlogaert, J. *see* Granier, M. 15547
Vlummens, J. *see* Dierickx, B. 24001
Vo, L. *see* Liou, S.-S.P. 32939
Vo, T.V., Edwards, D.R. Development of in-service inspection priorities for pressurized water reactor high-pressure injection system components 47672
Vo Dinh Phuoc *see* Dinh Phuoc Vo
Vo-Dinh, T. *see* Alarie, J.P. 6681
Vo-Van Truong *see* Le Quang Nguyen 35483
Vobecky, J., Bleichner, H., Rosling, M., Nordlander, E. A time-dependent two-dimensional analysis of the turn-off process in a gate turn-off thyristor (GTO) 34940
Vobecky, J., Hatle, M. Application of small-signal current gain investigation on the characterization of the GTO thyristor 2506
Vobecky, J. *see* Bleichner, H. 42900
Vobecky, J. *see* Hatle, M. 11187
Vobecky, J. *see* Hazdra, P. 19722
Vobian, J. *see* Gilgen, H.H. 3079
Vobian, J. *see* Reichel, V. 35546
Vobian, J. *see* Ropke, U. 35384
Voci, C. *see* Antonelli, A. 24054
Vockler, J. Investigations on overhead cable systems correlating the distribution of electric field strength with the required protection areas by the operation of mobile work machines 47537
Vodakov, Yu.A., Vol'fson, A.A., Zaritskii, G.V., Mokhov, E.N., Ostroumov, A.G., Potapov, E.N., Roenkov, A.D., Semenov, V.B., Sokolov, V.I., Syralev, V.A., Udal'tsov, V.E. Blue SiC—*6H* light-emitting diodes prepared by the sublimation method 28663
Vodenicharov, C. *see* Petkov, P. 42446
Vodicka, B., Erbenova, M. Low voltage capacitive load switching with air-immersed contactors 8677
Vodicka, B. *see* Novotny, V. 32973
Vodopyanov, K.L. Parametric generation of tunable infrared radiation in $ZnGeP_2$ and GaSe pumped at 3 μm 3850
Vodopyanov, K.L. *see* Dahinten, T. 3870
Voegeli, O. *see* Vettiger, P. 3641
Voegtlin, J.-C. The applications of traffic simulation 45713
Voelkel, G. *see* Bell, J.M. 35480
Voelker, F. ALS longitudinal kickers 6965
Voelker, F. *see* Rimmer, R. 15511
Voerman, J.M. *see* Langerak, J.J. 38909
Voermans, R. *see* Beyer, U. 32791
Voeten, M.J. Marching on to 230/400 volts in the Netherlands 24641
Voevodova, A.V. *see* Berezina, G.M. 2094
Vofsi, N. *see* Duek, R. 34722
Vogel, A., Baier, G., Schule, V. Non-Nernstian potentiometric zirconia sensors: screening of potential working electrode materials 6666
Vogel, A. *see* Baier, G. 6652
Vogel, A. *see* Rote, G. 13871
Vogel, A. *see* Schule, V. 6620
Vogel, B. Practical implementation of OSI standards: migration of networks 5481
Vogel, B. Open systems procurement environment 37532
Vogel, D., Orwig, R., Dean, D., Lee, J., Arthur, C. Reengineering with enterprise analyzer 30487
Vogel, E.M. *see* Reith, L.A. 2957
Vogel, H. *see* Kiehlmann, D. 15507
Vogel, H. *see* Kiehlmann, D. 15525
Vogel, H. *see* Schwarz, E. 30950
Vogel, H.-J. Modern technology for the preparation of battery paste 40413
Vogel, K., Friederichs, K.J. The benefit of cross-polar co-channel operation in digital radio networks 14414
Vogel, K. *see* Malina, V. 19649
Vogel, M.R. Thermal performance of air-cooled hybrid heat sinks for a low velocity environment 40963
Vogel, M.R. Liquid cooling performance for a 3-dimensional multichip module and miniature heat sink 40970
Vogel, R. *see* Kornowski, A. 26390
Vogel, W. *see* Herzel, F. 43847
Vogel, W.J., Goldhirsh, J. Earth-satellite tree attenuation at 20 GHz: foliage effects 5843
Vogel, W.J., Torrence, G.W. Propagation measurements for satellite radio reception inside buildings 4110
Vogel, W.J. *see* Goldhirsh, J. 37931
Vogel, W.O. *see* Behrens, U. 38917
Vogelaers, D. *see* Manhaeghe, C. 24261
Vogele, G. *see* Weisener, T. 27388
Vogelius, M. *see* Liepa, V. 18362
Vogen, H. Developments in transformer construction for electric power systems 25506
Voges, E. *see* Schulz, D. 36345
Voges, E. *see* Tavlykaev, R. 43477
Voges, E. *see* Yunkin, V.A. 27757
Voges, E. *see* Yunkin, V.A. 27760
Vogl, J.R. *see* Copra, R.E. 32145
Vogl, P. *see* Lugli, P. 35601
Vogler, L.E., Hoffmeyer, J.A. A model for wideband HF propagation channels 21254
Vogler, T. *see* Metzner, D. 2403
Vogley, B. Synchronous DRAM bandwidth resolution for memory systems 26937
Vogley, B. 800 megabyte per second systems via use of synchronous DRAM 41881
Vogni, M. *see* Di Stefano, L. 13732
Vogrincic, P. *see* Lalinsky, T. 42853
Vogt, C. *see* Hoffmann, T. 22422
Vogt, H. Smart power technology with dielectric insulation: processes and applications 9960
Vogt, H. *see* van den Berg, R. 17390
Vogt, J.M., Florizone, R. A duty factor monitor for use with a near CW electron beam 31581
Vogt, K.W. *see* Propst, E.K. 19556
Vogt, M., Kandler, E., Martin, S., Drescher, K. Plasma-enhanced chemical vapour deposition of thin insulator films and reactor cleaning 26477
Vogt, T.J. *see* Kim, J.W. 20370
Vogt, W. *see* Hunziker, W. 28684
Vohra, S.T., Fabiny, L. Mixing and detection of microwave signals in fibre-optic electrostrictive sensor 46464
Vohra, S.T. *see* Fabiny, L. 23654
Vohra, S.T. *see* Fabiny, L. 31260
Voicu, A., Velichi, G., Caragea, D., Stefan, V., Stanciu, V. The deceleration method and device of medium and low power asynchronous motors, with bipolar power transistors, with current inverter feeding with an improved price-performance ratio for simple control applications 32854
Voigt, B., Thoelmann, K., Horneber, E.-H. Modelling of limitation effects in electronic circuits 10085
Voigt, G. Current chopping phenomena in SF_6 selfblast circuit breakers 25591
Voigt, M.J.A.de *see* de Voigt, M.J.A.
Voigt, P. *see* Gorlich, S. 39001
Voigtlander, B., Zinner, A. Simultaneous molecular beam epitaxy growth and scanning tunneling microscopy imaging during Ge/Si epitaxy 9550
Voigtlander, D. *see* Grun, R. 9037
Voillot, F. *see* Guasch, C. 42499
Voinova, M.V., Kosevich, A.M., Syrkin, E.S. Influence of Langmuir-Blodgett films on the characteristics of surface waves in a crystal 20118
Voirin, G. *see* Oppliger, Y. 34855
Voirin, G. *see* Regnault, Ph. 11674
Voisin, P. *see* Andre, J.P. 41293
Voisin, P. *see* Coulomb, B. 22821
Voisin, P. *see* Couturier, J. 20394
Voisin, P. *see* Couturier, J. 28517
Voisin, Y. *see* Dumont, C. 4860
Voiss, S. *see* Actor, G. 10985
Voitenko, I.G., Samsonov, V.E. Integrated-optic commutator for high-speed local communication networks 30456
Voitovich, A.P., Kul'minskii, A.M., Severikov, V.N. Increase in rotation frequency of the polarization ellipse in a resonator and in a He-Ne laser with modulated anisotropy directions 20604
Voitsenya, V.S. *see* Skibenko, A.I. 42139
Vojak, R. *see* Sworder, D.D. 5006
Vojir, W., Wedgewood, J. The Adaptive Multiprocessing System (AMPS) 39248
Vojnovic, B. *see* Divljakovic, V. 35180
Vojnovic, D. *see* Kozuh, M. 39827
Vojnovic, D. *see* Susnik, J. 39826
Vojta, J. *see* Oraevsky, V. 21260
Vokas, G.A. *see* Machias, A.V. 8239
Vokey, D., Sontag, K., Ritchie, J. An all dielectric fiber optic cable monitoring system 5926
Vokler, D. *see* Reiche, H. 8390
Vol, M.A., Smirnov, I.A., Khrilev, L.S., Starostenko, V.I., Ustinov, V.M. Trends in the rebuilding of district-heating power stations 16668
Vola, P. *see* Beaudin, G. 23251
Volakis, J.L., Gong, J., Alexanian, A. Electromagnetic scattering from microstrip patch antennas and spirals residing in a cavity 30876
Volakis, J.L., Lin, Y.C., Anastassiu, H. TE characterization of resistive strip gratings on a dielectric slab using a single edge-mode expansion 44331
Volakis, J.L. *see* Chatterjee, A. 21228
Volakis, J.L. *see* Chatterjee, A. 44304
Volakis, J.L. *see* Jian-Ming Jin 36347
Volakis, J.L. *see* Kempel, L.C. 4045
Volakis, J.L. *see* Natzke, J.R. 21209
Volant, C. *see* De Filippo, E. 46876
Volant, R.P. *see* Rosenfield, M.G. 27934
Volcanjk, V. *see* Jezernik, K. 17464
Volcker, O. Test specifications for metal oxide high voltage surge arresters 8006
Volcker, O. Further recommendations for metal oxide surge arresters in power systems 8008
Vold, P. *see* Johansen, G.A. 118
Volden, F.S. *see* Endestad, T. 39754
Volden, F.S. *see* Holmstroem, C.B.O. 32551
Voldman, S.H., Gross, V.P., Hargrove, M.J., Never, J.M., Slinkman, J.A., O'Boyle, M.P., Scott, T.S., Delecki, J.J. Shallow trench isolation double-diode electrostatic discharge circuit and interaction with DRAM output circuitry 28277
Volegov, P.L. *see* Plokhoi, V.V. 7213
Volfbeyn, P. *see* Bekefi, G. 43698
Volfkovich, Yu.M., Bagotzky, V.S. The method of standard porosimetry. 1. Principles and possibilities 48044
Volfkovich, Yu.M., Bagotzky, V.S. The method of standard porosimetry. 2. Investigation of the formation of porous structures 48045
Vol'fson, A.A. *see* Vodakov, Yu.A. 28663
Volgyi, F. Microstrip antenna array application for microwave heating 33146
Volk, R. *see* Baumhacker, H. 3425
Volk, R. *see* Baumhacker, H. 35655
Volkel, R., Heibmeier, M., Kobolla, H., Krackhardt, U., Rosner, S., Schmidt, J., Schwider, J., Sheridan, J.T., Streibl, N., Zobel, F. Optoelectronic interconnects with holographic optical elements 3374
Volkel, R., Junger, S., Kobolla, H., Schmidt, J., Schwider, J., Streibl, N. Optoelectronic interconnects with high packing densities 10588
Volkel, R. *see* Schwider, T. 28669
Volkemer, B. *see* Ballon, J. 31716
Volkemer, B. *see* Ballon, J. 46910
Volkemer, B. *see* Muller, U. 46907
Volker, F. Computer-aided calculation of the steady-state thermal performance characteristics of low-voltage circuit breakers 8695
Volker, H. *see* Wang, L. 6841
Volker, P., Kienzle, K. Enhancement of lighting in Ex areas 48446
Volkholz, P. *see* Harth, A. 43717
Volklein, F. *see* Dintner, H. 6282
Volkmann, T.L. *see* Beuning, S. 32228
Volkonskii, V.B. *see* Berezhnoi, A.A. 14714
Volkov, A.A. *see* Buzulutskov, F. 24056
Volkov, A.A. *see* Vorohkovsky, Y.L. 20090
Volkov, A.D. *see* Fanourakis, G.K. 24011
Volkov, E.A., Neches, I.O., Pirogova, N.D. Convergence estimation of functional series and the analysis accuracy of nonlinear devices with multi-frequency input 41624
Volkov, G.A. *see* Barinov, V.A. 16127
Volkov, G.A. *see* Barinov, V.A. 39535
Volkov, I.V., Baranov, G.L., Kozurman, I. Steady-state electrical regimes during parallel operation of a generator with an electric power system through an inductive-capacitive converter on a total balanced three-phase load 32188
Volkov, L.N. *see* Nemirovskiy, M.S. 37952
Volkov, S.S. *see* Aristarkhova, A.A. 9212
Volkov, V.A., Fominykh, Yu.A. Characteristics of copper-aluminum bimetal 33752
Volkov, V.I. *see* Borshch, A.A. 3845
Volkov, V.M. *see* Kruglov, V.I. 35987
Volkov, V.M. *see* Logvin, Yu.A. 2983
Volkov, V.V., Luyten, W., Van Landuyt, J., Feraude, C., Oksenoid, K.G., Gijbels, R., Vasilev, M.G., Shelyakin, A.A., Lazarev, V.B. Electron microscopy and mass-spectrometry study of InGaAsP/InP heterostructures (p—i—n diodes) grown by liquid phase epitaxy 11134
Volkov, V.V. *see* Luyten, W. 33632
Volkov, Yu.N. *see* Aksinenko, V.D. 6380
Volkova, V.V. *see* Beskupchuk, A.M. 38905
Volkovskii, A.R. *see* Rul'kov, N.F. 33856
Volkovskii, A.R. *see* Rul'kov, N.F. 41710
Volksen, W. *see* Burland, D.M. 21067
Volksen, W. *see* McKean, D.R. 11009
Volksen, W. *see* Smith, B.A. 43542
Vollersten, R.-P. A new approach to statistically modelling the time dependent oxide breakdown 1955
Vollmar, H.-P., Botzler, P., Sachse, J.-U., Bindemann, R. Time-resolved transients of IR-stimulated luminescence and conductivity in a-Si:H 35563
Vollmer, E., Gutmann, P.G., Niemeyer, J. Hybrid integration of a microwave oscillator with a Josephson series array 6279
Volman, V. Generalized method of interpolation factorization [EM diffraction] 29151
Volochkov, Ye.B. Method of the two-dimensional angular superresolution of coherent radiation sources based on an estimation of the parameters of one-dimensional damped harmonic signals 44816
Volodarskii, V.A. On a model for failures of elements of power supply systems 16128
Volodarskii, V.A. Modelling of failures of power supply system elements 39464
Volodin, A.P. *see* Altfeder, I.B. 11418
Volod'ko, V.G. *see* Galina, T.M. 10851
Vologdin, A.G., Gusev, V.D., Prikhod'ko, L.I. Focusing effect of the ionosphere on the stochastic properties of signal envelope 12603
Volokobinskii, M.Y. The electric and thermal fields in graded materials 27453
Voloshin, I.F., Fisher, L.M., Klimenko, E.Yu., Martovetsky, N.N., Hlasnik, I.M. Losses and stability in superconducting wire in AC fields with frequencies up to 2.5 kHz 20225
Voloshok, T.N. *see* Vasil'ev, A.N. 34552

Volosyuk, V.K., Ponomarev, V.I., Udalov, S.I. Studying the effect of the properties of rough interfaces between arbitrary dielectric media on characteristics of scattered fields 29125
Volotinen, T., Yuce, H., Bonanno, N., Frantz, R., Duffy, S. Splicing of aged fibers 35371
Volotinen, T.T., Yuce, H.H., Frantz, R.A. Aging behavior of fibers 35368
Volovov, V.I. An integrated approach to navigation and oceanological problems using bottom reflected signals 39403
Volpini, G. *see* Acerbi, E. 15548
Volponi, F. Ultrasonic transducer for level and distance measurements in industrial applications 31430
Vol'pov, A.L., Zimin, Yu.A., Istomin, M.I., Korolenko, P.V., Moshkin, B.N. A system for recording and processing interferograms 14919
Vol'skiy, V.A. *see* Bodrov, V.V. 44500
Volte, A. *see* Benayoun, M. 46871
Volyar, A.V. *see* Kukhtarev, N.V. 12398
Volz, M.P. *see* Yi-Gao Sha 34507
von Alvensleben, F. *see* Tonshoff, H.K. 21147
Von Arx, J. *see* Soumyanath, K. 18915
von Bardeleben, H.J., Grosman, A., Morazzani, V., Ortega, C., Siejka, J. Defects in as-prepared and thermally oxidized porous silicon 42568
Von Bardeleben, H.J. *see* Garcia, J.Ch. 747
von Bardeleben, H.J. *see* Grosman, A. 34770
von Bardeleben, H.J. *see* Morazzani, V. 34771
von Bernus, L., Mohr, F., Schmeidl, T. Sizing and characterization of ultrasonic indications using imaging techniques 16085
von Bernus, L. *see* Hippler, J.H. 18361
von Bernus, L. *see* Pollakowski, M. 7655
von Bibra, M.L. *see* Roberts, A. 42170
von Bogel, G. *see* Scherer, K. 18676
von Borany, J. *see* Verbitskaya, E. 24077
von Borany, J. *see* Verbitskaya, E.M. 46859
von Brand, H. *see* Akyildiz, I.F. 37427
Von Brentano, P. *see* Eschenauer, M. 31817
von Brentano, P. *see* Thomas, H.G. 7155
von Bulow, H., Zeyfang, E., Schellhorn, M. Gas-dynamically cooled CO-laser in the multi-kW-range 11957
von Bunau, R. *see* Owen, G. 27842
von Bunau, R.M., Owen, G., Pease, R.F. Optimization of pupil filters for increased depth of focus 27844
von Criegern, R., Jahnel, F., Bianco, M., Lange-Gieseler, R. Method for the measurement of the lateral dose distribution of dopants at implantation or diffusion mask edges ("lateral SIMS") 42616
von der Hardt, H.-J., Arnould, P., Wolf, D., Dufaut, M. A method of mobile robot localisation by fusion of odometric and magnetometric data 46617
von der Heide, B. *see* Seitz, A. 39966
Von Der Linden, M.B., Schropp, R.E.I., Lekkerkerker, O.P., Ouwens, J.D., Van Der Weg, W.F. Effect of light soaking on the spectrally and spatially resolved collection efficiency of a-Si:H solar cells 33029
Von Der Linden, M.B. *see* Ouwens, J.D. 26483
Von Der Linden, M.B. *see* Schropp, R.E.I. 33060
von der Linden, M.B. *see* Schropp, R.E.I. 33069
von der Lippe, H. *see* Ohlckers, P. 11278
von der Malsburg, C. *see* Wiskott, L. 22142
von der Weid, J.P. *see* Vermelho, M.V.D. 3761
Von Dollen, D., Metra, P., Rahman, M. Design concept of a room temperature dielectric HTS cable 32437
Von Dollen, D.W., Hingorani, N.G., Samm, R.W. High temperature superconducting cable technology 16383
von Dongen, T. *see* Tiemeijer, L.F. 43935
von Dordrecht, A. *see* Schonfelder, V. 7146
von Dratzig, A.Schultz *see* Schultz von Dratzig, A.
von Emloh, D.A., Pearson, A.W., Ball, D.F. The role of R&D in international process plant contracting 33292
von Gentzkow, W., Markert, H., Rubner, R. Developing environmentally compatible plastics for electronics 18317
von Glahn, P. CAE workstations for teaching digital systems design in a general undergraduate electrical engineering curriculum 125
von Glahn, P. *see* Van Brunt, R.J. 35108
von Hahn, R., Grieser, M., Habs, D., Kleffner, C.-M., Liebmann, J., Repnow, R., Schwalm, D., Stampfer, M., Jaeschke, E., Papureanu, S. The 7-gap resonators for the high current injector of the Heidelberg Test Storage Ring TSR 15518
von Hahn, R. *see* Grieser, M. 15303
von Hahn, R. *see* Kleffner, C.-M. 15524
von Halle, A. *see* Kamperschroer, J.H. 7128
von Helm, L.J.G. *see* Tiemeijer, L.F. 43935
von Helmolt, C. *see* Fischer, U.H.P. 30821
von Helmolt, C.H. *see* Fischer, U.H.P. 30818
von Holtey, G. *see* Doble, N. 46806
von Kaenel, P. *see* Coombs, D. 30018
von Kamienski, E.G.S. *see* Gondermann, J. 42141
von Kamienski, E.S., Gondermann, J., Roskos, H.G., Kurz, H. Al-SiO_2-Al sandwich microstrip lines for on-chip interconnects up to 400 GHz 1383
von Kanel, H. *see* Muller, E. 42561
Von Kanel, H. *see* Sutter, P. 31219
von Kanel, H. *see* Weber, A. 33718
von Klitzing, K. *see* Hirayama, Y. 10700
von Klitzing, K. *see* Muller, W. 10727
Von Kohn, K. Imbiber beads used for oil containment in substations 8678
Von Lensa, W. *see* Von Theenhaus, R. 39868
Von Lohneysen, H. *see* Stupp, H. 1828
von Marx, H. *see* Appelmann, W. 5309
von Montigny, C. *see* Thompson, D.J. 7145
von Munch, W. *see* Crazzolara, H. 14990
von Neida, A. *see* Peters, D.W. 2323
von Olshausen, R. *see* Gochlich, L. 24950
von Pfeil, D., Seidel, H. Long-distance comprehension echo cancellation 22688
von Przewoski, B. Optimum luminosity of polarized gas targets in storage rings 31649
von Przewoski, B. *see* Phelps, R.A. 38798
von Przewoski, B. *see* Ross, M.A. 31615
von Puttkamer, E. Sensor integration for geometric world models 38437
von Puttkamer, E. *see* Jorg, K.-W. 13775
von Ramm, O.T. *see* Robinson, M.T. 39014
von Rappard, A. *see* van der Linden, S. 8200
von Raumer, T., Dion, J.M., Dugard, L. Adaptive non-linear speed control of induction motors 32861
von Roedern, B. *see* Tang, Y. 1864
von Roijen, R. *see* Tiemeijer, L.F. 43935
Von Ruden, W. *see* Butler, H. 46326
Von Salisch, M. *see* Lutz, Y. 35726
von Schau, P. Development of telecommunications networks: marketing and technical aspects 45403
von Schickfus, M. *see* Bender, F. 46517
von Schickfus, M. *see* Stanzel, R. 39421
Von Seelen, W. *see* Zielke, T. 13615
von Seggern, H. *see* Zhang, C. 20557
von Spakovsky, M.R. Application of engineering functional analysis to the analysis and optimization of the CGAM problem 39992
Von Spakovsky, M.R. *see* Valero, A. 39954
von Stein, H.D. *see* Meier, W. 22199
Von Theenhaus, R., Von Lensa, W. Status and perspectives of German nuclear energy research 39868
von Wendorff, W. *see* Jager, D. 43522
von Wendorff, W. *see* Safrankova, J. 38510
von Windheim, J.A. *see* Maynard, L. 19674
von Winterfeld, C. *see* Schmid, O. 6121
Von Zuben, A.A.G. *see* Morosini, M.B.Z. 12204
Von Zuben, A.A.G. *see* Patel, N.B. 20869
Vonach, H. *see* Loschner, H. 27920
Voncina, D., Cajhen, R., Nastran, J., Zevnik, C., Hudnik, D. A microcomputer controlled current source 17092
Vonder Haar, T.H. *see* Greenwald, T.J. 15988
Vondrasek, F. *see* Bernat, F. 40163
Vong, C.Y., Cheung, S.W. Resolving the phase ambiguities for coherent demodulation of $\pi/4$-DEQPSK 21493
Vonwiller, J., Eggins, S. What is a communication difficulty? 13063
Vonwiller, J. *see* Rowles, C. 4579
Vonwiller, J.P. *see* Dowling, A.R. 4566
Vonwiller, J.P. *see* King, R.W. 9157
Voo, L. *see* Nador, L. 7974
Vook, R.W., Chang, C.Y., Park, C.W. The role of surface diffusion in electromigration phenomena 2209
Voon-Fee Yong, Naughton, J.F., Jie-Bing Yu Storage reclamation and reorganization in client-server persistent object stores 45539
Vooren, E.Van *see* Van Vooren, E.
Voorhees, C. *see* Chionchio, J.A. 24393
Voorhees, D. *see* Mansfield, J.P. 31893
Voorhees, J.W., Zaklad, A.L., Weiland, M.Z., Zachary, W.W., Fry, C.A. The fourth dimensional cockpit 39263
Voorma, H.-J. *see* Louis, E. 26510
Voos, M. *see* Guldner, Y. 10726
Vopilkin, A.K. *see* Badalyan, V.G. 18346
Vopilkin, A.Kh. *see* Badalyan, V.G. 18388
Vopilkin, A.Kh. *see* Badalyan, V.G. 41521
Vora, K.H. Application of acoustic techniques for exploration of submerged area in connection with hydro-projects 25260
Vora, P.L., Trussell, H.J., Iwan, L. A mathematical method for designing a set of colour scanning filters 150?1
Voran, S. *see* Seitz, N.B. 37267
Voran, S.D. *see* Webster, A.A. 23297
Vorgert, J.J. Quantify critical-timing risks with statistical analysis 41726
Vorob'ev, A.P. *see* Babintsev, V.V. 7210
Vorob'ev, A.P. *see* Batalov, A.A. 46920
Vorobev, V.S., Dyakov, O.P., Norkin, G.A. Problems of developing a specialized inertial navigation system for satellite radio communications stations on mobile facilities 37957
Vorob'ev, V.V., Krasilnikova, T.G. An estimation of accuracy of the atmospheric refractive index recovery from measurements of Doppler shifts at frequencies used in the NAVSTAR system 47249
Vorob'ev, V.V. *see* Agrovskii, B.S. 38728
Vorobiev, A.P. *see* Chmill, V.B. 31762
Vorobiev, L.G. *see* Koshkarev, D.G. 7008
Vorobjev, L.E., Danilov, S.N., Donetsky, D.V., Firsov, D.A., Kochegarov, Yu.V., Stafeev, V.I. Narrowband tunable sub-millimetre hot hole injectionless semiconductor laser and its use for cyclotron resonance investigation 12246
Vorobjev, V.K. *see* Brouk, V.L. 15456
Vorobkalo, F.M. *see* Vainberg, V.V. 15233
Vorob'yov, B.V. *see* Kudinov, V.A. 18310
Vorobyov, I.B. *see* Nikolaev, V.A. 39128
Vorogushin, M.F. *see* Strokach, A.P. 46701
Vorohkovsky, Y.L., Petrosian, I.G., Drakhlis, B.G., Volkov, A.A. The further development of internally heated quartz resonators and the oscillators on their basis for use in up-to-date search-and-rescue and communication systems 20090
Vorokhovsky, Y.L. *see* Bauer, S.M. 20063
Voronenko, V.P., Kerzhentseva, N.P. Investigation of high-speed fiber-optic communication lines (FOCL) by mathematical modeling method 14585
Voronin, E.N. Conformity between impedance and covariance matrices 44620
Voronin, V. *see* Bogdanova, N. 23516
Voronin, V.E., Prokhorov, Yu.A. Role of prototype ground-test stands in developing transportable nuclear power installations 17827
Voronin, V.I., Dedkova, N.D. Estimating the potential accuracy of one method of space-time coding in direction-finding systems 45226
Voronina, T.I., Lagunova, T.S., Moiseev, K.D., Sipovskaya, M.A., Timchenko, I.N., Yakovlev, Yu.P. Investigation of the structure of the conduction band of InAsSbP solid solutions 42416
Voronko, A. *see* Stiens, J. 3141
Voron'ko, Yu.K., Gessen, S.B., Es'kov, N.A., Kirykukhin, A.A., Ryabochkina, P.A., Sobol, A.A., Tatarintsev, V.M., Ushakov, S.N., Tsymbal, L.I. Interaction of Tm^{3+} ions in calcium-niobium-gallium and yttrium-aluminum garnet laser crystals 28786
Voronkov, V.A., Danilov, V.N., Petushkova, A.M. Possibilities of evaluating the size of surface cracks by the ultrasound time-of-flight method 41522
Voronkov, V.Yu. The generation of an AM oscillation with low nonlinear envelope distortion and low attendant angle modulation 12826
Voronov, B.I. *see* Anan'ev, V.D. 47677
Voronov, V.I., Bol'shakov, S.S., Lyapakhin, A.B., Pol'skii, Yu.E., Sitenkov, Yu.L., Uryvaev, V.E., Khokhlov, M.Yu. CO_2 laser whose active volume is circular in cross-section 12022
Voronov, V.I. *see* Berkovskiy, A.G. 10633
Voronova, A.S. *see* Antyufeev, V.I. 29739
Vorontsov, M.A., Koryabin, A.V., Polezhaev, V.I., Schmalhausen, V.I. Intracavity adaptive correction of pulsed YAG laser radiation 3757
Voropai, V.I., Trishechkin, A.M. Problems of coordinated development of electrical systems in the Commonwealth of Independent States under new conditions 47389
Vorotilov, K.A. *see* Petrovsky, V.I. 34638
Vorotnev, P.A. *see* Abramenko, M.E. 3470
Vorotyntseva, I.I. *see* Bondarenko, B.N. 27436
Vorst, A.Vander *see* Vander Vorst, A.
Vorst, H.A.van Der *see* van Der Vorst, H.A.
Vorwerk, J., Steger, R., Teufel, M., Brunn, P.O. Use of an optical meter to measure the flow rate and apparent viscosity of non-Newtonian fluids 31515
Vos, A.De *see* De Vos, A.
Vos, F. *see* Tagare, H.D. 37034
Vos, H.J. Applications of general systems theory to the development of an adjustable tutorial software machine 33271
Vos, M. *see* Simpson, P.J. 10835
Vos, R.C.J.de *see* de Vos, R.C.J.
Vosburg, V.L. International standardization for printed board manufacturing 34446
Vose, M.D. A closer look at mutation in genetic algorithms 26321
Voshchenkov, A.M. *see* Liu, T.M. 20025
Voskovtsova, L.M., Davletshina, Z.Yu., Kamardin, Yu.B., Lukin, A.V., Plotnikova, T.P., Sattarov, F.A., Chugunov, Yu.P. Features of hologram diffraction-grating replicas made from vitreous chalcogenide semiconductors 12452
Voss, A., Kurths, J., Fiehring, H. Frequency analysis of the highly amplified ST-segment by means of maximum entropy spectral estimation 15855
Voss, D.E. *see* Miner, L.M. 46301
Voss, F. *see* Bijkerk, F. 11999
Voss, F. *see* Shmaenok, L. 28026
Voss, G.A. *see* Balewski, K. 46775
Voss, G.M. *see* Putley, D. 47313
Voss, K. *see* Stahl, W. 25943
Voss, M. *see* Karpov, A. 30939
Voss, M. *see* Klehr, A. 35768
Voss, S. Worst-case performance of some heuristics for Steiner's problem in directed graphs 9400
Voss, W.A.G. *see* Jain, R.C. 33156
Vossenberg, E.B. *see* Gyr, M. 15402
Vosylius, J. *see* Abraitis, V. 10939
Vosylius, J. *see* Galdikas, A. 2135
Votano, L. *see* Bianco, S. 31711
Votano, L. *see* Sarwar, S. 31698
Votava, M., Kent, S., Oleynik, G., Pordes, R., Pangburn, J., Patrick, J., Heyes, G., Watson, W.A., III FASTBUS standard routines implementation for Fermilab embedded processor boards 46324

Votaw, A. *see* Lumpkin, A.H. 15341
Votaw, A.J. Preliminary design of the BPM electronics memory scanner for the Advanced Photon Source 15351
Voti, R.Li *see* Li Voti, R.
Votsis, P.P. *see* Tassou, S.A. 39957
Voudouris, K., Noras, J.M. Effects of amplitude, phase, and frequency imperfections on the performance of a direct conversion receiver (DCR) for personal communication systems 5812
Vouk, M.A. *see* Dholakia, A. 45284
Voulgaris, G. *see* Adam, W. 46929
Voumard, P., Lianhui Chen Expert system techniques in the condition monitoring of high voltage circuit breakers 32963
Voumard, P. *see* Chen, L. 8696
Voumard, P.R. Teaching 'electrical machine design' 40821
Vounckx, R. *see* Fobelets, K. 18824
Vounckx, R. *see* Fobelets, K. 19733
Vounckx, R. *see* Kuijk, M. 11773
Vounckx, R. *see* Peiffer, W. 20479
Vounckx, R. *see* Stiens, J. 3141
Vourdas, A. *see* Cosgrave, J.A. 48028
Vournas, C.D., Daskalakis, N. Governor tuning and regulating capacity of hydroelectric units 32785
Vournas, C.D., Zaharakis, A. Hydro turbine transfer functions with hydraulic coupling 25245
Voutilainen, O. *see* Heikkila, T. 21986
Voutsas, A.T., Hatalis, M.K. Crystallized mixed-phase silicon films for thin film transistors on glass substrates 841
Voutsas, A.T., Hatalis, M.K. Structural characteristics of as-deposited and crystallized mixed-phase silicon films 41460
Vouzas, P., Garth, S.J. Theory of third harmonic generation in single-mode optical fibers 35358
Vovna, V.A. *see* Sobenin, N.P. 15323
Vovos, N.A. *see* Georgantzis, G.J. 7922
Voyles, R.W. *see* Zierold, D. 32637
Voytas, P.A., Schewe, J.E., Quin, P.A., Anderson, L.W., Miers, R.E. Target for producing polarized ^{21}Na by optical pumping 31641
Voytik, M.S. Analysis of the processes in a magnetic amplifier under self-saturation conditions 11509
Voytovich, N.I., Voytovich, N.N., Zamorskaya, O.F., Katsenelenbaum, B.Z. Calculation of directivity pattern of flat resonator antenna with variable transmittance and height 44542
Voytovich, N.N. *see* Voytovich, N.I. 44542
Vozel, B. *see* Le Carpentier, E. 13429
Voznesenski, V. *see* Svechnikov, G. 28492
Voznitskii, M.V. *see* Ermakov, B.A. 12504
Voznyuk, M.A. *see* Bortnikov, V.V. 4630
Vrabelova, M. *see* Riecan, B. 9481
Vranesic, Z.G. *see* Brown, S.D. 26800
Vranic, D. *see* Bachler, J. 46915
Vranic, D. *see* Bachler, J. 46934
Vranic, D. *see* Baechler, J. 46909
Vranic, D. *see* Di Mauro, A. 46917
Vray, D., Berchouz, D., Delachartre, P., Gimenez, G. Speed of sound in sulfuric acid solution: Application to density measurement 16090
Vray, D. *see* Dalachartre, P. 14720
Vray, D. *see* Gimenez, G. 14730
Vrbanec, J., Svecko, R., Bele-Tominc, L., Donlagic, D. Real time control using nonparametric model 36701
Vredenberg, A.M. *see* Gossmann, H.-J. 19507
Vredenberg, A.M. *see* Gossmann, H.-J. 19529
Vreede, J.de *see* de Vreede, J.
Vreede, J.P.M.de *see* de Vreede, J.P.M.
Vreeswijk, C.Van *see* Van Vreeswijk, C.
Vrehen, J.J. *see* de Kort, K. 43056
Vrehen, Q.H.F. *see* Eliel, E.R. 44081
Vretenar, M. *see* Amendola, G. 15300
Vretenar, M. *see* Cervellera, F. 15397
Vretenar, M. *see* Lombardi, A. 15304
Vretenar, M. *see* Tanke, E. 15396
Vreven, A.A. Open systems 37414
Vrhel, M.J., Trussell, H.J. Optimal scanning filters using spectral reflectance information 28577
Vriendt, J.De *see* De Vriendt, J.
Vries, B.De *see* De Vries, B.
Vries, C.de *see* de Vries, C.
Vries, D.K.De *see* De Vries, D.K.
Vries, G.de *see* de Vries, G.
Vries, H.de *see* de Vries, H.
Vries, J.P.P.M.de *see* de Vries, J.P.P.M.
Vries, J.S.de *see* de Vries, J.S.
Vries, M.J.de *see* de Vries, M.J.
Vries, P.M.J.M.de *see* de Vries, P.M.J.M.
Vrisk, G. *see* Biro, O. 3980
Vrotopopov, Y. *see* Kistenev, E. 31694
Vrotsos, T., Walker, J.H. Electrical modeling challenges for the '90s 40857
Vrotsos, T.A., Thornton, B.W., Machala, C.F., III The SPICE modeling test chip 43080
Vrotsos, T.A. *see* Thornton, B.W. 42831
Vrtacnik, D. *see* Resnik, D. 10946
Vrudhula, S.B.K. *see* Ho, K.C. 19940
Vrudhula, S.B.K. *see* Majumdar, A. 34030
Vtorov, E.P., Didyk, L.S., Didyk, S.L. Design of optimum algorithms for the diagnostics of radio-frequency systems 29583
Vu, R.Q. *see* McFee, J.E. 7692
Vu, T.B. Side-lobe control in circular ring array 21441
Vu Dinh, T. *see* Cabon, B. 26564
Vu Dinh, T. *see* Cabon, B. 33408
Vu Duy, C. Discrete time open queueing networks with feedback, bulk arrivals and services 37104
Vu Hoa *see* Hoa Vu
Vu Thien Binh, Garcia, N., Levanyuk, A.L. A mechanical nanosensor in the gigahertz range: where mechanics meets electronics 31168
Vu-Dinh, T. *see* Lampard, G. 5779
Vuarchex, P. *see* Duart, J.C. 35161
Vucetic, B. *see* Du, J. 12838
Vucetic, J. A hardware implementation of channel allocation algorithms based on a space-bandwidth model of a cellular network 22837
Vucetic, J. *see* Dimitrijevic, D.D. 22843
Vucetic, J. *see* Kheradpir, S. 30332
Vucetic, J.F. *see* Dimitrijevic, D.D. 45811
Vuckovic, V. *see* Katic, V. 17084
Vuckovic, V. *see* Katic, V. 40537
Vuckovic, V. *see* Levi, E. 25420
Vuckovic, V.S. *see* Katic, V.A. 8573
Vuik, C. *see* van Der Vorst, H.A. 18059
Vuillemin, J. *see* Bertin, P. 1235
Vuillon, J. *see* Zeitoun, D. 11979
Vujic, D.R. *see* Dominey, L.A. 48090
Vujovic, M. *see* Sabanovic, A. 16771
Vuk, B. *see* Granic, G. 25132
Vukovic, R., Jensz, J., Lew, K. The development of an exchange management system 14052
Vukusic, P.S. *see* Jory, M.J. 31336
Vul', A.Ya., Dideikin, A.T. Photodetectors based on metal-tunnel insulator-semiconductor structures 15008
Vulcu, I., Geambasu, N., Murgu, B.A. Electronic relay for one-phase grounding protection 39672
Vulk, C. Further experiences with GMRESR 9453
Vulterini, A. *see* Campisi, D. 45385
Vuntesmeri, V.S., Gura, K.N. Experimental research of J^2-component of the transformed field in thin ferromagnetic films 43289
Vuong, H.H. *see* Reynolds, C.L., Jr. 19416
Vuong, S.T., Janssen, H., Lu, Y., Mathieson, C., Do, B. TESTGEN: an environment for protocol test suite generation and selection 37139
Vuong, S.T., Loureriro, A.A.F., Chanson, S.T. A framework for the design for testability of communication protocols 30505
Vuong, S.T. *see* Alilovic-Curgus, J. 13891
Vuong, T. *see* Kenkare, P.U. 35081
Vuong, T.H.H., Reynolds, C.L., Jr., Singleton, J. Comment on "Buffer-induced modulation of carrier density and mobility in a selectively doped heterostructure" [Appl. Phys. Lett. 61, 2308 (1992)] 27518
Vuong Huu-Nghia *see* Huu-Nghia Vuong
Vuong Son *see* Son Vuong
Vuori, J., Skytta, J. Communication using spread spectrum modulation on electric power distribution circuits 22750
Vuoskoski, J. *see* Ferran, P.M. 38887
Vural, K. *see* Kozlowski, L.J. 31285
Vural, K. *see* Kozlowski, L.J. 46502
Vurgaftman, I., Singh, J. Theoretical optimization of quantum wire array lasers for low threshold current density and high modulation frequency 12093
Vurgaftman, I., Singh, J. A self-consistent approach to spectral hole burning in quantum wire lasers 20777
Vurgaftman, I., Singh, J. Steady-state performance of microcavity surface-emitting lasers with quantum confinement of electrons and photons 43833
Vurgaftman, I., Singh, J. Optoelectronic properties of (001) and (111) lattice-matched and strained quantum wire lasers—comparison with quantum well lasers 43896
Vutetakis, D.G. Current status of aircraft batteries in the U.S. Air Force 39309
Vutetakis, D.G., Wu, H. The effect of charge rate and depth of discharge on the cycle life of sealed lead-acid aircraft batteries 17233
Vutova, K., Mladenov, G. Modeling of exposure and development processes in electron and ion lithography 42803
Vuuren, P.van *see* van Vuuren, P.
Vuye, S. *see* Wang, H. 2447
Vvedenskaya, N.D., Arnbak, J.C., Tsybakov, B.S. Improved performance of mobile data networks using stack algorithms and receiver capture 45850
Vvedensky, D.D. *see* Shitara, T. 9610
Vyas, A.L., Prasad, S. Direction sensitive broadband detection of Doppler shifted signals in white Gaussian noise 14728
Vyas, K.L. *see* Kaushik Fiete, O.P. 27280
Vyas, P.D. *see* Thakur, D.K. 2468
Vyasa, A.L.Veda *see* Veda Vyasa, A.L.
Vyatchanin, S.P. *see* Ilchenko, V.S. 46385
Vyatkin, I.V. *see* Berdonosov, V.A. 18341
Vyazigin, A.S. *see* Skobelev, S.P. 29393
Vyborny, C.J. *see* Giger, M.L. 24235
Vyborny, C.J. *see* Nishikawa, R.M. 24237
Vydai, A.V., Soshelev, S.B., Reznikov, G.V., Kharitonov, V.V., Cheremushkin, S.V. Thermophysical design of the parameters of a computer board with a microchannel cooling system 26191
Vydai, Yu.T. *see* Avdeev, S.P. 7198
Vydai, Yu.T. *see* Zagarii, L.B. 31766
Vyden, B. A software-implemented baseband processor for digital communications 30569
Vydyanath, H.R., Ellsworth, J.A., Parkinson, J.B., Kennedy, J.J., Dean, B., Johnson, C.J., Neugebauer, G.T., Sepich, J., Pok-Kai Liao Thermomigration of Te precipitates and improvement of (Cd,Zn)Te substrate characteristics for the fabrication of LWIR (Hg,Cd)Te photodiodes 10791
Vylegzhanin, D.N. *see* Vlasov, G.K. 46434
Vylet, V. *see* Pellegrini, C. 44002
Vylet, V. *see* Ruth, R.D. 46776
Vyne, R.L., Petty, T.D., Koda, R., Susak, D.M. A quad low voltage rail-to-rail operational amplifier 9995
Vyparina, V., Kinder, R. The use of a mercury probe for measuring the surface carrier concentration in InP 23844
Vyrodov, N.I. *see* Vyzulin, S.A. 11503
Vyrostko, P. Non-Utility Generation connection issues at Ontario Hydro 24758
Vyroubal, D., Zele, D. Experimental optimization of the probe for eddy-current displacement transducer 23548
Vyshenskii, S.V. *see* Krupenin, V.A. 27891
Vysloukh, V.A., Marti-Panameno, E. Solitary shaping of ultrashort pulses in actively mode-locked fiber lasers 20707
Vysloukh, V.A., Marti-Panameno, E. Soliton mechanisms of ultrashort pulse formation in actively mode-locked fiber lasers 43790
Vysloukh, V.A. *see* Marti-Panameno, E. 28747
Vysogorets, M.V., Mitrofanova, N.N., Nenashev, A.V., Serov, R.V. Optical measurements with the aid of a one-dimensional CCD detector 46457
Vysotsky, V.S. *see* Pukhov, A.A. 35262
V'yurkov, V. *see* Fredichkin, L. 46449
V'yurkov, V.V. *see* Fedichkin, L.E. 15022
Vyvolokin, A.E., Dotsenko, V.P. Method for the calculation of electromagnetic fields propagating along perfect conductors 12708
Vyvre, P.Vande *see* Vande Vyvre, P.
Vyzhigin, Yu.V. *see* Sobolev, N.A. 42625
Vyzulin, S.A., Rosenson, A.E., Shekh, S.A. The magnetostatic waves in ferrite film with losses 20139
Vyzulin, S.A., Zaporozhets, G.V., Vyrodov, N.I., Zaporozhets, V.V. On the question of the deformation of microwave pulses as they propagate through MSW devices 11503

Wa, P.S. *see* Fairhurst, G. 22947
Wa Wong Yin *see* Yin Wa Wong
Waag, A., Fischer, F., Gerschutz, J., Scholl, S., Landwehr, G. *n*-type doping of the wide gap ternary alloy (CdMg)Te during molecular beam epitaxy 34692
Waag, A. *see* Bacher, G. 43921
Waag, R.C. *see* Dong-Lai Liu 31896
Waag, R.C. *see* Hinkelman, L.M. 31895
Waag, W.L. *see* Thomas, G.S. 7695
Waagen, D.E. *see* McDonnell, J.R. 29865
Waanders, P. *see* Piepho, J. 8122
Waard, E.De *see* De Waard, E.
Waarts, R., Sanders, S., Parke, R., Mehuys, D., Lang, R., O'Brien, S., Dzurko, K., Welch, D., Scifres, D. Frequency-doubled monolithic master oscillator power amplifier laser diode 29019
Waarts, R. *see* O'Brien, S. 12198
Waarts, R. *see* Sanders, S. 43835
Waarts, R.G., Nam, D.W., Welch, D.F., Scifres, D.R., Ehlert, J.C., Cassarly, W., Finlan, J.M., Flood, K.M. Phased 2D semiconductor laser array for high coherent output power 20845
Waarts, R.G. *see* Dzurko, K.M. 12181
Waarts, R.G. *see* Liau, Z.L. 43836
Waas, T., Eisenmann, H., Hartmann, H., Henke, W. Automatic generation of phase shift mask layouts 28010
Waas, T. *see* Eisenmann, H. 27949
Wabnitz, S. Suppression of soliton interactions by phase modulation 5976
Wabnitz, S. *see* Aceves, A.B. 36032
Wabnitz, S. *see* Akhmediev, N.N. 23079
Wabnitz, S. *see* de Angelis, C. 5864
Wabnitz, S. *see* Ferro, P. 36023
Wabnitz, S. *see* Fontana, F. 35740
Wabnitz, S. *see* Kodama, Y. 28467
Wabnitz, S. *see* Kodama, Y. 30829
Wabnitz, S. *see* Kodama, Y. 35967
Wabnitz, S. *see* Romagnoli, M. 23078
Wacey, G. *see* Soloff, J.M. 45159
Wach, K., Riede, R. Acceptance and constancy testing according to the Rontgenverordnung (X ray ordinance) of the Federal Republic of Germany 24169

Wachholz, G. Euro-ISDN—the European version of ISDN for telecommunications 30535
Wachholz, G., Falkenburg, W., Fingerholz, J., Gemmricher, R., Griebl, L., Grohs, K.-D., Gross, M., Nuchter, G., Offenwanger, R., Pfaffin, H., Wehder, C., Wittig, R. The broadband ISDN pilot project of the German Telekom authority. I 22658
Wachholz, G., Falkenburg, W., Fingerholz, J., Gemmricher, R., Griebl, L., Grohs, K.-D., Gross, M., Nuchter, G., Offenwanger, R., Pfaffin, H., Wehder, C., Wittig, R. Broadband-ISDN—pilot project for telecommunications. II 30534
Wachi, T. *see* Mikazuki, Y. 20108
Wachlowski, A. *see* Tooley, F.A.P. 20398
Wachlowski, A.J., Tooley, F.A.P., Rhein, D. Concepts for fully integrated FET SEED circuits and their applications for optical computing 20489
Wachnik, R.A. *see* Rathore, H.S. 2211
Wachsmann, K.-P. *see* Cochlorius, E. 18794
Wachspress, E.L. Three-variable Alternating-Direction-Implicit iteration 18084
Wachtel, J. *see* Zhang, X. 15408
Wachtel, J.A. *see* Carter, R.J. 16621
Wachtel, J.A. *see* Parsons, S.O. 33289
Wachter, Ch. *see* Brauer, A. 43545
Wachter, J.De *see* De Wachter, J.
Wachters, A.J.H. *see* Du Cloux, R. 34335
Wachters, A.J.H. *see* du Cloux, R. 34340
Wachtman, J.B. *see* Chi-Hsien Lin 9790
Wachutka, G. *see* Riccobene, C. 34928
Wachutka, G.K.M. *see* Wolbert, P.B.M. 35091
Wack, K. *see* Mertins, V. 15860
Wacker, A., Scholl, E. Spiking in an activator-inhibitor model for elements with S-shaped negative differential conductivity 35039
Wacker, G. *see* Billinton, R. 32412
Wacker, T. *see* Eckel, M. 33591
Waczulik, J. *see* Ruzicka, P. 33479
Wada, A., Horii, H. Characteristics of lightning impulse flashover of rod-to-rod gap and suspension insulator in thundercloud in winter 7976
Wada, A., Tanaka, D., Yamauchi, R. Loss-compensation characteristics and noise performance of distributed erbium-doped optical fibers 11587
Wada, A. *see* Kutsuna, K. 38736
Wada, A. *see* Shindo, T. 32466
Wada, A. *see* Yamasaki, Y. 34040
Wada, H., Yozawa, T., Ohnishi, T., Tanaka, Y. Mobile computing environment based on Internet packet forwarding 22554
Wada, H. *see* Dudley, J.J. 20828
Wada, H. *see* Hattori, K. 27910
Wada, H. *see* Katoh, Y. 20769
Wada, H. *see* Konno, K.-i. 1609
Wada, J., Suguro, K., Hayasaka, N., Okano, H. New method for making Al single crystal interconnections on amorphous insulators 34854
Wada, K., Nakanishi, H., Yamada, K. Low temperature annealing of ion-implantation-induced defects in GaAs by minority carrier injection 10820
Wada, K. *see* Kawaguchi, K. 5475
Wada, K. *see* Kohda, H. 42648
Wada, K. *see* Koshiba, S. 18209
Wada, K. *see* Koshiba, S. 41349
Wada, K. *see* Nakanishi, H. 27719
Wada, K. *see* Sabanovic, A. 16771
Wada, M. Velocity distribution of surface produced negative ions 15602
Wada, M. Silicon disks employ flash memories for large-capacity audio files 34077
Wada, M., Fudo, H., Iwanari, A., Nishimura, S., Tanifuzi, S., Tokumaru, K., Tanaka, T., Hasegawa, T. Construction of optical fiber cable network utilizing existing power distribution lines 24908
Wada, M., Hosomatsu, H. Wide wavelength and low dark current lattice-mismatched InGaAs/InAsP photodiodes grown by metalorganic vapor-phase epitaxy 35578
Wada, M., Sasao, M., Yamaoko, H. Development of an alkali-metal negative ion source 15601
Wada, M., Tsuda, H. Energy distributions of H^- extracted from a low converter voltage surface H^- source 46738
Wada, M., Tsuda, H., Sasao, M. Compact Li^- ion source for plasma diagnostics 46823
Wada, M. *see* Kodama, R. 14351
Wada, M. *see* Kunieda, H. 15683
Wada, M. *see* Shimizu, M. 28788
Wada, M. *see* Takagi, K. 2387
Wada, M. *see* Takishima, Y. 6196
Wada, M. *see* Takishima, Y. 22272
Wada, M. *see* Takishima, Y. 46207
Wada, M. *see* Taniike, A. 15610
Wada, M. *see* Yamazaki, K. 5588
Wada, N. *see* Sakai, S. 20546
Wada, R. *see* He Zhiyong 46884
Wada, S. Filter banks derived from orthogonalization on positive frequency range 13280
Wada, S., Takahashi, S. On the synthesis of non-symmetric and nonuniform filter banks 13298
Wada, S., Tashiro, H., Urata, Y., Thi Thi, L., Kasai, A., Toyoda, K. Two-stage Raman converter covering the whole infrared spectrum with tunable solid-state lasers 35986
Wada, S., Urata, Y., Kasai, A., Tashiro, H. Application of polarization switching to sub-nanosecond pulse generation in alexandrite lasers 20682
Wada, T. Barrier metal effect on electro- and stress-migration 34851
Wada, T., Kanayama, T., Ichimura, S., Sugiyama, Y., Misawa, S., Komuro, M. Effects of electron irradiation on two-dimensional electron gas in AlGaAs/GaAs heterostructure 27537
Wada, T., Takeya, S., Shinonaga, M., Miyauchi, H., Matsumura, M., Morooka, T. Development of I/Q sampling technology [radar applications] 46079
Wada, T. *see* Ebisawa, H. 23355
Wada, T. *see* Ichimura, M. 33638
Wada, T. *see* Koden, M. 11701
Wada, T. *see* Kohiki, S. 34504
Wada, T. *see* Noguchi, Y. 27161
Wada, T. *see* Osawa, M. 34236
Wada, T. *see* Shiomi, T. 41892
Wada, T. *see* Shiraki, H. 34731
Wada, T. *see* Takeda, A. 42636
Wada, T. *see* Usami, A. 10765
Wada, T. *see* Usami, A. 10767
Wada, Y., Kure, T., Yoshimura, T., Sudo, Y., Kobayashi, T., Goto, Y., Kondo, S. Fabrication of less than a 10 nm wide polycrystalline silicon nano wire 42480
Wada, Y., Kure, T., Yoshimura, T., Sudou, Y., Kobayashi, T., Gotou, Y., Kondo, S. Polycrystalline silicon "slit nanowire" for possible quantum devices 43666
Wada, Y., Uda, T., Lutwyche, M., Kondo, S., Heike, S. A proposal of nanoscale devices based on atom/molecule switching 28231
Wada, Y. *see* Enokizono, M. 48366
Wada, Y. *see* Lutwyche, M.I. 42828
Wada, Y. *see* Miura, Y. 11313
Wada, Y. *see* Suda, R. 26895
Wadas, A. *see* Hug, H.J. 6743
Wadayama, Y. *see* Koizumi, N. 20227
Wadayama, Y. *see* Tsuji, H. 28422
Waddie, A.J. *see* McArdle, N. 11764
Wade, A.E. Distributed client-server databases 45534
Wade, J.G. *see* McCormick, S.F. 24290
Wade, K. *see* Uedono, A. 10815
Wade, R.C. Annular resonators for high-power chemical lasers 28699
Wade, S. *see* Green, T.C. 47871
Wade, V., Donnelly, W., Riley, K., Roberts, S., Harkness, D., Carr, A., Shomaly, R., Celestino, J. Telecommunication management platforms 14034
Wadekar, S.A. *see* Jain, V.K. 18776
Wadey, M.T.C. Electronic masking [EW methods] 39438
Wadhwa, S. *see* Aggarwal, A. 26146
Wadman, B. Experience with managing, operating and maintaining gas turbine powerplants 47773
Wadsworth, B. *see* Kendall, H.W. 46970
Wadsworth, B. *see* Korytov, A. 31775
Wadzita, M. New boundary scan tools bridge design and test 38377
Waechter, D., Lin, F., Hatalis, M.K. Properties of cadmium selenide thin films as a function of lateral distance from chromium contacts [TFT] 28184
Waechter, D., Westcott, M.R., Lin, F., Hatalis, M.K. Properties of cadmium selenide thin films as a function of lateral distance from chromium contacts 10657
Waeckerle, T. *see* Pera, T. 44210
Wafa, A.R.Abu'l *see* Abu'l Wafa, A.R.
Wafik, A.H., Mazen, S.A., Mansour, S.F. Composition dependence of discontinuous magnetization in Li-Ti ferrites 2801
Waganaar, W.J. *see* Rej, D.J. 6882
Wagatsuma, T. *see* Maamria, K. 36446
Wagatsuma, Y. *see* Yamanouchi, K. 11430
Wagdy, M.F., Awad, S.S. Limitations of switched-capacitor analog/digital converters with reference processing units 1290
Wagemann, E.U., Frohlich, K., Schulat, J., Schutte, H., Stojanoff, C.G. Design and optimization of a holographic concentrator for two-color PV-operation 40466
Wagemann, H.G. *see* Wildau, H.-J. 34959
Wagemans, A.G. *see* Smulders, P.F.M. 37795
Wagemans, A.G. *see* Smulders, P.F.M. 37797
Wagenaar, L.B., Schneider, J.M., Fleeman, J.A. EHV transformer dielectric specification improvements 47934
Wagenbach, W. *see* Blaum, H. 25611
Wagener, J.L., Wysocki, P.F., Digonnet, M.J.F., Shaw, H.J. Modeling of ion pairs in erbium-doped fiber amplifiers 35762
Wagener, J.L., Wysocki, P.F., Digonnet, M.J.F., Shaw, H.J., DiGiovanni, D.J. Effect of concentration on the efficiency of erbium-doped silica fiber lasers 3503
Wagener, J.L., Wysocki, P.F., Digonnet, M.J.F., Shaw, H.J., DiGiovanni, D.J. Effects of concentration and clusters in erbium-doped fiber lasers 12082
Wager, J.F. *see* Abu-Dayah, A. 20547
Wager, J.F. *see* Abu-Dayah, A. 43649
Waggener, H.A. *see* Peters, D.W. 2323
Waggoner, A.S. *see* Dow, A.I. 7370
Waggoner, R. Harmonics: a systems related problem 7915
Waggoner, R. How harmonics affect power factor. II 39459
Waggoner, R. Lightning disruption through earth 39582
Waggoner, R. Lightning strikes and traveling waves 39642
Wagh, M.D. *see* Ozbek, F.O. 45033
Wagmann, L. *see* Rajic, Z. 24906
Wagneo, R. *see* Kalra, P.K. 24811
Wagner, A., Kalz, D., Rudolph, G. Smartpower technology replaces conductors and connectors. Multifunction bridge with microcomputer-compatible interface for a serial bus system in the automobile 25911
Wagner, A. *see* Blauner, P.G. 2315
Wagner, A. *see* McCord, M.A. 27975
Wagner, A. *see* McCord, M.A. 27986
Wagner, A.J. *see* Barnes, G.T. 15808
Wagner, A.V. *see* Spaepen, F. 9574
Wagner, B. Use of cable protection tubes by the Telecom PTT made of regenerated polyethylene 19182
Wagner, B. *see* Hartiti, B. 48122
Wagner, C., Deimel, P.P. Optical radiation from tapered rib-waveguides 43466
Wagner, C., Frankenberger, J., Deimel, P.P. Optical pressure sensor based on a Mach-Zehnder interferometer integrated with a lateral a-Si:H p-i-n photodiode 38491
Wagner, C. *see* Premzel, B. 48314
Wagner, C.G. Li/SO_2 cells and $Li/SOCl_2$ cells—safe use and testing 17185
Wagner, D. Optimal routing through dense channels 18431
Wagner, D., Wagner, F. Between min cut and graph bisection 33481
Wagner, D. *see* Formann, M. 937
Wagner, D. *see* Molitor, P. 43075
Wagner, D.A., Morman, K.N., Jr. A viscoelastic analogy for solving 2-D electromagnetic problems 44206
Wagner, D.K. *see* Coullard, C.R. 533
Wagner, D.R. *see* Blue, K.J. 23481
Wagner, E. Utilisation of biomass and refuse on the part of the public electricity-supply undertakings in Germany, position in 1992 32631
Wagner, E. Utilisation of waste power by the public electricity supply utilities in Germany, position in 1992 32768
Wagner, E. Utilisation of the photovoltaic technique by the public electrical utilities in Germany, position in 1992 32790
Wagner, E. Utilisation of wind energy for the public electricity supply in Germany. Position in 1992 32803
Wagner, E. Energy recovery in the German electricity supply system—1992 47342
Wagner, E. *see* Alrutz, H. 6209
Wagner, E. *see* Fremuth, W. 39481
Wagner, E. *see* Grawe, J. 32216
Wagner, E.D. The telecommunications regulatory environment and its impact upon distance education 22625
Wagner, F. *see* Formann, M. 937
Wagner, F. *see* Wagner, D. 33481
Wagner, G. *see* Beneking, G. 41433
Wagner, H. *see* Becker, F. 28092
Wagner, H. *see* Carius, R. 27458
Wagner, H. *see* Carius, R. 42465
Wagner, H. *see* Effler, L. 24793
Wagner, H. *see* Mann, K. 3749
Wagner, H. *see* Ulrichs, C. 33068
Wagner, H.-J. A programmable 3-GHz pulse generator 23761
Wagner, H.-J. *see* Alavi, M. 6433
Wagner, H.-P., Schmitzer, H., Stanzl, H. Second harmonic generation in ZnTe waveguides 36009
Wagner, H.G., Chare, P.J., Gorten, J. Trends in containment and surveillance systems at the Euratom Safeguards Directorate 38345
Wagner, H.G. *see* Matussek, P. 38405
Wagner, H.G. *see* Otto, P. 31044
Wagner, I.A. *see* Feldman, J.A. 9901
Wagner, J., Hajek, V., Fuhrichova, R., Maga, D., Guba, R., Opaterny, J. Analysis of the magnetic field of a DC machine 47899
Wagner, J., Maga, D., Fuhrichova, R., Guba, R., Opaterny, J. Magnetic field of DC motor excited by permanent magnets 40245
Wagner, J., Maga, D., Fuhrichova, R., Guba, R., Opaterny, J. Determination of step motor parameters with magnetic field solution 47918
Wagner, J., Ramsteiner, M., Ashwin, M.J., Fahy, M.R., Newman, R.C., Braun, W., Ploog, K. Incorporation of silicon in (311)A and (111)A GaAs grown by molecular beam epitaxy 42628
Wagner, J., Schmitz, J., Alvarez, A.-L., Koidl, P., Ralston, J.D. Characterization of heterointerfaces and surfaces in InSb on GaAs and in InAs/AlSb quantum wells 9646
Wagner, J. *see* Alvarez, A.L. 42627
Wagner, J. *see* Ramsteiner, M. 41348
Wagner, J.A. The limit of magnet remanence B_r in moving coil actuators for disk drives 43311
Wagner, J.W. Breaking the sensitivity barrier: The challenge for laser-ultrasonics 9841
Wagner, J.W. *see* Deaton, J.B., Jr. 43783

Wagner, K., McCleod, R. Spatial soliton dragging gates and light bullets 28554
Wagner, K. *see* Purchase, K.G. 23080
Wagner, K. *see* Weverka, R.T. 12786
Wagner, K.C., Manner, O. Analysis of obliquely propagating SAWs in periodic arrays of metal strips 11432
Wagner, K.C. *see* Manner, O. 2751
Wagner, K.C. *see* Rinck, A. 7665
Wagner, K.C. *see* Ruppel, C.C.W. 11421
Wagner, L. *see* Diaz, C. 28258
Wagner, L.F., Kim, K.M., Nguyen, P.T., Saccamango, M.J., Cunningham, B., DeVries, K., Ratanaphanyarat, S., Fischer, S.E., Snare, J.L., Lucchese, A., Strugazow, P., Peressini, P., Chu, S.F., Knepper, R.W. Modeling the small-emitter effect in polysilicon-emitter transistors 11176
Wagner, M. LO-phonon scattering and electrical bistability in resonant tunneling diodes 2439
Wagner, M., Mizuta, H. Coherent-electron intrinsic multistability in a double-barrier tunneling diode 2441
Wagner, M. *see* Jennewein, E. 23963
Wagner, M. *see* Oasa, H. 12996
Wagner, M. *see* Sampath, S. 4548
Wagner, M.D. *see* Buzak, T.S. 23812
Wagner, P. *see* Biewald, H. 16323
Wagner, P. *see* Budinger, J.M. 14568
Wagner, P. *see* Graf, D. 34700
Wagner, P. *see* Maazouzi, C. 31746
Wagner, P. *see* Riedel, H. 16324
Wagner, R., Wolf, J. Heat recovery steam generator systems behind gas turbines. Applications today and developments for the future 40022
Wagner, R. *see* Abbott, B. 7245
Wagner, R. *see* Hardt, A. 15568
Wagner, R.G. *see* Williams, R.H. 2677
Wagner, R.J. *see* Bennett, B.R. 41350
Wagner, S. *see* Vasanth, K. 33053
Wagner, T. *see* Tauschwitz, A. 31573
Wagner, Th. *see* Mikheev, V.A. 23931
Wagner, T.M. *see* Hinkel-Lipsker, D.E. 4119
Wagner, U. *see* Catchpole, P. 17520
Wagner, W.R. Characterization of fiber damage affecting the reliability of terminated optical fiber 35374
Wagstaff, R.A. A computerized system for assessing towed array sonar functionality and detecting faults 46112
Wah, C.K.L., Iizuka, K., Freundorfer, A.P. 94-GHz phase modulation of light by organic MNA (2-methyl-4-nitroaniline) crystal 11683
Wah Lee Wing *see* Lee Wing Wah
Wah Wu Chai *see* Chai Wah Wu
Wahab, A. *see* Erdogan, S.S. 1204
Wahab, M.A., Puckey, D.J. Reconfigurable DSP systems 41962
Wahab, M.A. *see* Ahmad, S. 639
Wahab, Q., Glass, R.C., Ivanov, I.P., Birch, J., Sundgren, J.-E., Willander, M. Growth of epitaxial 3C-SiC films on (111) silicon substrates at 850°C by reactive magnetron sputtering 684
Wahed, A.K.El *see* El Wahed, A.K.
Wahi, A., Hoyer, P., Konenkamp, R. Amorphous silicon on TiO_2: charge transfer and interface structure 27606
Wahl, D.E. Towed array shape estimation using frequency-wavenumber data 44891
Wahl, D.E. *see* Jakowatz, C.V., Jr. 30888
Wahl, F.M. *see* Laloni, C. 14898
Wahl, G. *see* Gorbenko, O.Yu. 9728
Wahl, H. *see* Boggasch, E. 7018
Wahl, H. *see* Clark, E. 24010
Wahl, H. *see* Tauschwitz, A. 7017
Wahl, M.G. *see* Pyron, C. 6329
Wahl, S. *see* Phillips, H.M. 18318
Wahlberg, B. *see* Gustafsson, F. 4672
Wahlers, R., Dychala, D., Huang, C., Stein, S.J., Danner, P. Low firing temperature capacitor tape materials 17864
Wahlgren, B. *see* Dagys, M. 31404
Wahlgren, B.I. *see* Ljung, S.P.O. 44413
Wahlin, E.K. *see* Taylor, A.J. 20625
Wahlstrom, B., Norros, L., Reiman, L. Human factors research in the nuclear power field in Finland 39799
Wahlstrom, C.-G. *see* Svanberg, S. 28770
Wahlstrom, C.G. *see* Herrlin, K. 7348
Wahsh, S. *see* El-Sattar, A.A. 40503
Wahsh, S. *see* Ismail, F. 17491
Wahsh, S. *see* Ismail, F. 25406
Wahsh, S. *see* Zaki, A.M. 8449
Wai, L. *see* Wang, M.-Z. 31689
Wai, P.K.A. *see* Chen, C.-J. 28795
Wai, P.K.A. *see* Duling, I.N., III 44020
Wai, P.K.A. *see* Henesian, M.A. 35943
Wai, P.K.A. *see* Wang, Q. 20448
Wai Chun Hon *see* Hon Wai Chun
Wai Lung Loh Incorporating object-oriented concepts to circuit simulation 33962
Wai-Chi Fang, Chi-Yung Chang, Sheu, B.J., Chen, O.T.-C., Curlander, J.C. VLSI systolic binary tree-searched vector quantizer for image compression 41969
Wai-Choong Wong Dynamic allocation of packet reservation multiple access carriers 22831
Wai-Choong Wong *see* Kuek, S.S. 22842
Wai-Fan Wong, Herrick, R.C. A passive dual-frequency transmit-receive probe interface 6352
Wai-Fong Lee, Chok-Ki Chan Dynamic finite state VQ of colour images using stochastic learning 45080
Wai-Kai Chen *see* Xin Yu Wu 10357
Wai-Kai Chen *see* Xin-Yu Wu 9936
Wai-Kai Chen *see* Yi-Sheng Zhu 9868
Wai-Kai Chen *see* Yi-Sheng Zhu 9916
Wai-Kai Chen *see* Yi-Sheng Zhu 42041
Wai-Kuen Cham *see* Kwok-Tung Lo 13803
Wai-Lung Loh, Gee-Swee Poo Object-oriented modelling and specification of the X.400 mail system 30493
Wai-Man Lam, Reibman, A.R. Design of quantizers for decentralized estimation systems 21840
Wai-Shing Choi *see* Smits, J.G. 28305
Wai-Sum Lai *see* Bondi, A.B. 30522
Wai-Yeung Yip, Chi-Taou Tsai Electrical performance of an overmolded pad array carrier (OMPAC) 401
Waider, G., Pitz, V. Impedance correction factors for high power network transformers under short circuit conditions 8481
WaiFan Yau *see* Werner, P. 34511
Waikar, D.L. Design of fault tolerant logic for digital relaying 7991
Wailes, T.S., Meyer, D.G., Weber, J.P. Using CSMA-CD arbitration in multiple channel architectures 30394
Wainright, N. *see* Dawson, J.F. 36245
Wainwright, N. Cordless communications in the appliance office 22561
Wainwright, P.R. Calculation of absorbed power density in the human arm due to induced currents at 1-30 MHz 47134
Wainwright, S.P., Hall, S. Interpretation of high-field current-voltage and breakdown characteristics in SOI substrates formed using SIMOX technology 19444
Wait, J.R. Comments on "The EM field of an improved lightning return stroke representation" 36106
Wait, J.R. On Harmuth's 'correction' of Maxwell's equations for pulse transmission in lossy media 36138
Wait, J.R., Nabulsi, K.A. Preforming an electromagnetic field of the axis of a conducting cylinder 36095
Wait, P.C., Newson, T.P., Pannell, C.N., Russell, P.St.J. Multiple Brillouin Stokes orders in a 60 m erbium-doped fibre amplifier under pulsed excitation 35994
Waite, J.W. A multirate bank of digital bandpass filters for acoustic applications [frequency analyzer] 23769
Waite, P.P., Pace, G. Performance benefits of resolving current in open-loop AC drives 17462
Waitkus, P.E. The pros and cons of no-clean solder pastes 34440
Waits, R.K. Residual gases: the invisible process variables [semiconductor processing] 34666
Wajda, K. *see* Hughes, D. 45461
Wajda, W. *see* Sugerman, A. 18296
Wajer, F.T.A.W. *see* de Beer, R. 38991
Wakabayashi, H., Kominami, M., Kusaka, H., Nakashima, H. Spectral domain analysis for scattering properties of periodic arrays on dielectric substrates 29391
Wakabayashi, H. *see* Horiuchi, Y. 30845
Wakabayashi, H. *see* Suzuki, M. 6084
Wakabayashi, H. *see* Taga, H. 45951
Wakabayashi, I. *see* Miyauchi, K. 1302
Wakabayashi, K. *see* Haneda, T. 43059
Wakabayashi, K. *see* Takizawa, T. 20273
Wakabayashi, N. *see* Hayashi, Y. 45115
Wakabayashi, O. *see* Kowaka, M. 3414
Wakabayashi, S., Iijima, T., Nakazawa, M., Kaneko, N., Nezu, H. Diffusion behavior of copper through electroplated silver leadframes 33395
Wakabayashi, S. *see* Isomoto, K. 19932
Wakabayashi, S. *see* Koide, T. 19955
Wakabayashi, T., Nakazawa, Y., Uno, T. Spectrum analyzer with built-in tracking generator 38426
Wakabayashi, T., Tofuku, K., Fukushima, K. Fluorescent indicator panel (FIP) module for media window 23829
Wakabayashi, Y. *see* Minami, K. 19598
Wakagi, M. *see* Kaneko, T. 9748
Wakagi, M. *see* Kaneko, T. 41465
Wakagi, M. *see* Lu, Y. 9698
Wakahara, A. *see* Sasaki, A. 43625
Wakahara, T. *see* Kushibiki, J. 16028
Wakahara, Y. *see* Yamazaki, K. 5588
Wakai, K. *see* Mizokami, T. 38232
Wakai, T. *see* Segawa, E. 24941
Wakami, T., Okamoto, K., Tanaka, S. Accuracy of fiber optic distributed temperature sensor 38529
Wakamiya, N., Baba, K., Murata, M., Miyahara, H. Performance evaluation of burst-based bandwidth reservation method in ATM networks 22320
Wakana, H. *see* Ikegami, T. 37932
Wakana, H. *see* Morikawa, E. 14535
Wakana, H. *see* Obara, N. 37746
Wakana, H. *see* Sato, M. 37944
Wakana, H. *see* Tanaka, K. 5854
Wakana, S. *see* Kim, J. 1651
Wakano, M. *see* Yamamuro, M. 45453
Wakao, K. *see* Horimatsu, T. 35639
Wakao, K. *see* Nobuhara, H. 20796
Wakao, K. *see* Odagawa, T. 12136
Wakao, K. *see* Odagawa, T. 12153
Wakao, K. *see* Yamamoto, T. 12110
Wakao, M. *see* Morikawa, E. 14535
Wakao, S. *see* Onuki, T. 44246
Wakasa, T. *see* Okamura, H. 31623
Wakashima, K. *see* Ishido, K. 10564
Wakasugi, K. *see* Inaba, H. 44741
Wakata, H. *see* Nagai, H. 43715
Wakatsuki, N. *see* Tanimoto, M. 30056
Wakatsuki, N. *see* Ueda, M. 11408
Wakaya, F., Nozawa, A., Yanagisawa, J., Yuba, Y., Takaoka, S., Murase, K., Gamo, K. Low energy focused ion beam and buried electron waveguides fabrication 28224
Wakaya, F., Yuba, Y., Takaoka, S., Murase, K., Gamo, K. Transport properties of coupled electron waveguides buried in heterostructure 27533
Wakayama, H. *see* Yamamoto, T. 42952
Wakayama, K. *see* Iwata, A. 16262
Wakayama, N., Miyamoto, Y., Shimizu, S., Hino, R., Hada, K., Tadokoro, Y. Present status of R&D on heat utilization systems in Japan 39838
Wakayama, N. *see* Ara, K. 38745
Wakayama, T., Sato, T., Kimura, I. High-resolution radar image reconstruction using an arbitrary array 23151
Wake, D., Newson, D.J., Harlow, M.J., Henning, I.D. Optically-biased, edge-coupled InP/InGaAs heterojunction phototransistors 20522
Wake, D., Walker, N.G., Smith, I.C. Zero-bias edge-coupled InGaAs photodiodes in millimetre-wave radio-fibre systems 5985
Wake, D., Walker, N.G., Smith, I.C. A fibre-fed millimetre-wave radio transmitter with zero electrical power requirement 23272
Wake, D. *see* Urey, Z. 2442
Wake, M., Bossert, R., Butteris, J., Carson, J., Delchamps, S., Jaffery, T.S., Kinney, W., Koska, W., Lamm, M.J., Sims, R., Strait, J., Winters, M. Magnetic field properties of SSC model dipole magnets 15366
Wake, S. *see* Muto, H. 42925
Wakeda, Y. *see* Kanno, R. 48076
Wakefield, G. Powers and functions of Austel under the Telecommunications Act 1991 30276
Wakefield, G.H. *see* Pielemeier, W.J. 13371
Wakejima, A. *see* Shimomura, S. 9619
Wakeley, J. *see* Dunn, D. 36997
Wakeley, J. *see* Dunn, D.F. 36786
Wakelin, S., Tooley, F.A.P. Design and construction of looped parallel processors 20493
Wakelin, S., Tooley, F.A.P., Smith, G.R. Design and construction of a S-SEED cellular logic image processor 11760
Wakelin, S. *see* Tooley, F.A.P. 20398
Wakelin, S. *see* Tooley, F.A.P. 43568
Wakeling, J. System design constraints for a Ka-band satellite personal communications system 22921
Waker, A.J. Microdosimetric radiation field characterisation and dosimetry in a heavy water moderated reactor environment 47143
Waki, M. *see* Kikuyama, H. 42699
Wakihara, M. *see* Ikuta, H. 40404
Wakihara, M. *see* Uchida, T. 48065
Wakimoto, H. *see* Oku, T. 34603
Wakimoto, T., Harada, T., Kashiwagi, Y. Errors and their correction in impulse voltage measurements due to internal noise of digital recorders 39682
Wakimoto, T. *see* Kashiwagi, Y. 39683
Wakimoto, T. *see* Saito, S. 38616
Wakino, K., Sunahara, H., Yoneda, Y., Sakabe, Y., Sugo, K. Thick films for multilayer substrates 42328
Wakisaka, K. *see* Ninomiya, K. 8780
Wakisaka, K. *see* Tsuda, S. 33064
Wakita, K., Kotaka, I. Multiple-quantum-well optical modulators and their monolithic integration with DFB lasers for optical-fiber communications 28518
Wakita, K., Sato, K., Kotaka, I., Yamamoto, M., Asobe, M. Transform-limited 7-ps optical pulse generation using a sinusoidally driven InGaAsP/InGaAsP strained multiple-quantum-well DFB laser/modulator monolithically integrated light source 20791
Wakita, K., Sato, K., Kotaka, I., Yamamoto, M., Kataoka, T. 20 Gbit/s, 1.55 μm strained-InGaAsP MQW modulator integrated DFB laser module 35456
Wakita, K. *see* Kawai, S. 37972
Wakita, K. *see* Mitomi, O. 43532
Wakita, K. *see* Naganuma, M. 30734
Wakita, K. *see* Sato, K. 35626
Wakita, K. *see* Sugiura, H. 43872
Wakita, K. *see* Suzuki, K. 5977
Wakita, K. *see* Zhang, M. 33712
Wakita, Y. *see* Naito, Y. 21231
Wakitani, M. Color reproduction in PDP 38626
Wakiwaka, H., Umezawa, T., Yamada, H., Kobayashi, K., Yoshikawa, T. Improvement of flux density uniformity in giant magnetostrictive material for acoustic vibration element 44271
Wakiwaka, H. *see* Mizuno, T. 25622

Wakiwaka, H. *see* Yamada, H. 15921
Wakiyama, T. *see* Shimatsu, T. 28357
Wakker, K.F. *see* Overgaauw, B. 39349
Waksberg, M. Axe 10 and the intelligent network 22727
Waku, J., Chassery, J.M. Wavelet and multiscale analysis of discrete contour 36889
Waku, J. *see* Chassery, J.M. 4859
Wakui, G. *see* Kurihara, K. 25408
Wakui, G. *see* Tomita, M. 8311
Wakui, H. *see* Browne-Marke, D.D. 14062
Wakui, Y. The fiber-optic subscriber network in Japan 45925
Wakui, Y. Optical fiber network structure 46010
Wakui, Y. *see* Sankawa, I. 11622
Wakuta, Y. *see* Maehata, K. 31624
Wal, A.Van de *see* Van de Wal, A.
Walachova, J., Sroubek, Z., Zelinka, J., Kot, M., Pittroff, W. From InP/GaInAsP interface study to nanometer range heterostructure detection with probe method 42458
Walbran, S. *see* Wang, E.M. 24104
Walch, M., Wolisz, A., Wolf-Gunther, J. Visualization and performance analysis of formally specified communication protocols 37152
Walcher, Th. *see* Muller, U. 46907
Walchli, N. *see* Pipoz, P. 43612
Walchli, T. Consumers. energy, bill preparation, technology, KEFTOS online system 7752
Walckiers, L. *see* Lebrun, P. 6939
Walcott, B.L. *see* Famouri, P. 25455
Walcutt, J. Thermal imaging critical for today's complex circuits 34441
Walczyk, F., Lage, C., Kaushik, V., Blackwell, M. Tailoring interfacial oxide for polysilicon bit-cell contacts and emitters with in situ vapor HF interface cleaning and polysilicon deposition in a 4 Mbit BiCMOS fast static RAM 11330
Walczyna, A. A simple method for reduction of current distortions of induction motor fed from two- and three-level inverter and controlled by direct self-control 8425
Walczyna, A.M. Reduction of current and flux distortions of VSI-fed induction motors with direct self-control 8429
Walczyna, A.M. Reduction of current distortions of VSI-fed induction machine controlled by DSC method--generalized approach 16876
Walczyna, A.M., Hill, R.J. Novel PWM strategy for direct self-control of inverter-fed induction motors 16878
Walczyna, A.M., Hill, R.J. Space vector PWM strategy for 3-level inverters with direct self-control 17428
Wald, L. *see* Ranchin, T. 22110
Wald, M. *see* Cassell, J. 24687
Walden, A.T., McCoy, E., Percival, D.B. The variance of multitaper spectrum estimates for real Gaussian processes 45017
Walden, M.C., Pollard, R.D. On the processing gain and pulse compression ratio of frequency hopping spread spectrum waveforms 45765
Walder, B. Telephony Services 45475
Walder, G. *see* Martens, K. 46914
Walder, G. *see* Muller, U. 46916
Walder, G. *see* Siebert, H.-W. 46896
Waldhausl, R., Dannberg, P., Kley, E.B., Brauer, A., Karthe, W. Highly efficient blazed grating couplers in planar polymer waveguides 35430
Waldhausl, R. *see* Dannberg, P. 35473
Waldman, J. *see* Woskov, P.P. 38661
Waldman, R.W. *see* Tuttle, B.A. 28323
Waldo, D.J., Chitrapu, P.R. Crossterm reduction by a nonlinear combination of time-frequency signal representations 13339
Waldo, D.J. *see* Chitrapu, P.R. 15875
Waldo, R.E. Advanced CW hydrogen fluoride chemical laser performance 28717
Waldo, R.E., Sentman, L.H., Theodoropoulos, P.T., Carroll, D.L. Hydrogen fluoride chemical laser multiple-pass amplifier performance 28730
Waldo, R.E. *see* Swain, D.M. 29069
Waldo, W.G. *see* Wells, G.M. 27996
Waldorf, A.J., Dobrowolski, J.A., Sullivan, B.T., Plante, L.M. Optical coatings deposited by reactive ion plating 11804
Waldron, R. *see* Chen, D.-L. 30833
Waldron, R. *see* Lacey, G. 40995
Waldrop, J. *see* Ho, W.J. 43090
Waldrop, J.R. *see* Sullivan, G.J. 2464
Waldschmidt, H. The significance of EMC for manufacturers and users of industrial automation equipment 29212
Waldschmidt, K. *see* Kottsieper, J. 1126
Waldvogel, C.P., Massey, J.L. The probability distribution of the Diffie-Hellman key 21574
Wale, M.J. Current developments in RF and microwave fibre optics 30839
Wale, M.J., Birkmayer, W. Coherent optical beamforming techniques 29374
Waleffe, D.de *see* de Waleffe, D.
Wales, S.W. An object oriented approach to radio link simulation 5745
Wales, S.W., Rickard, D.C. Wideband propagation measurements of short range millimetric radio channels 4104
Walf, G. *see* Baack, C. 23032
Walf, G. *see* Baack, C. 30743
Walinsky, P. *see* Rosenbaum, R.M. 7462
Walke, B., Deckar, P. Mobile radio communications—an overview 5752
Walke, B. *see* Decker, P. 22903
Walke, B.H. Traffic problems in mobile radio networks 5802
Walke, P.J., New, R., Care, C.M. Behaviour of a steered cathodic arc as a function of steering magnetic field 27396
Walkenhorst, A., Schmitt, M., Adrian, H., Petersen, K. CeO_2: an alternative insulator material for superconducting field effect devices 43357
Walkenhorst, K. *see* Petry, H. 17124
Walker, A.C., Redmond, I.R., McKnight, D.J., Craig, R.G.A., Buller, G.S., Meredith, P., Taghizadeh, M.R. Construction of an optical cellular logic image processor 11744
Walker, A.C., Taghizadeh, M.R., Robertson, B., McKnight, D.J., Redmond, I.R., Barrett, C.P., Blair, P., White, H.J., Brownjohn, N.A., Stace, C., Proudley, G.M., Birch, M.J., Crossland, W.A. Construction of a matrix-matrix crossbar optical interconnect employing diffractive fan-out and fan-in elements 11904
Walker, A.C. *see* Ehrlich, J.E. 3790
Walker, A.C. *see* Ehrlich, J.E. 3872
Walker, A.C. *see* Goodwill, D.J. 35490
Walker, A.C. *see* McArdle, N. 11764
Walker, A.C. *see* Ryvkin, B.S. 43512
Walker, A.C. *see* Smith, S.D. 3261
Walker, A.C. *see* White, H.J. 11795
Walker, A.H. *see* Thompson, D.J. 7145
Walker, A.J. *see* van Dort, M.J. 28138
Walker, A.T., Silverman, L.A., Hang, K.W., Pfeiffer, T., Siuta, V.P., Slak, L.H., Bouchard, R.J. A new hybrid resistor system for TCR control and process insensitivity 19153
Walker, B. *see* Gilgen, H.H. 3079
Walker, C.K. *see* Kooi, J.W. 43360
Walker, D.G. The clean burning of coal to electricity 8218
Walker, D.M.H. *see* Giles, M.D. 28245
Walker, D.M.H. *see* Khare, J. 10176
Walker, E. *see* Milster, T.D. 20429
Walker, E.C. *see* Zhou, G.X. 15768
Walker, E.L., Hivnor, T. Knowledge-based 3D reconstruction from multiple segmented images 36799
Walker, E.P. *see* Milster, T.D. 6831
Walker, F. E., Goodman, S.H. Nonlinear effects errors encountered in performing interference analysis using an RF circuit analysis code 42228
Walker, G. *see* Beaman, B. 10585
Walker, J. *see* Kin Man Yu 34519
Walker, J.A. *see* Hromadka, T.V. 33548
Walker, J.B., Thorne, G.C., Halliwell, M. Quality assurance of ultrasound imaging instruments by monitoring the monitor 15816
Walker, J.D. *see* Ho, K.P. 20789
Walker, J.D. *see* Wilson, G.C. 28825
Walker, J.F. *see* Gmachl, C. 35863
Walker, J.H. *see* Vrotsos, T. 40857
Walker, J.L.B. A survey of European activity on coplanar waveguide 1385
Walker, J.R., Jr., Huddleston, D.G., Trott, K.D., Britt, P.P. RASER millimeter wave radar testbed 24566
Walker, J.R., Jr. *see* Trott, K.D. 23119
Walker, J.S., Williams, M.G. Effects of the crystal's non-zero electrical conductivity on the rotationally driven melt motion during Czochralski silicon growth with a uniform, transverse magnetic field 636
Walker, J.S., Williams, M.G. Centrifugal pumping during Czochralski silicon growth with a strong transverse magnetic field 41232
Walker, K. Understanding Type 2 motor starter protection 40091
Walker, M. *see* Adams, W.A. 48387
Walker, M.D. *see* Deslattes, R.D. 38998
Walker, M.J. *see* Atkinson, R. 35220
Walker, M.L. *see* Humphreys, J.C. 23967
Walker, N.G. *see* Wake, D. 5985
Walker, N.G. *see* Wake, D. 23272
Walker, P. Payloads and overheads—data communications and kanban 37274
Walker, P.C. *see* Dickey, T.D. 7636
Walker, P.J. *see* Aindow, M. 9560
Walker, P.J. *see* Graham, R.M. 18157
Walker, P.J. *see* Khan-Cheema, U.M. 42852
Walker, Q. *see* Dehnel, M. 7395
Walker, R. *see* Wupperman, B. 33937
Walker, R.A. *see* Chang, C.-T. 18789
Walker, R.A. *see* Chaudhuri, S. 41784
Walker, R.K. Innovate test strategies 33327
Walker, R.L. Groupware: a quasi-experimental design for the study of electronic mail 37381
Walker, R.P., Bracco, R., Diviacco, B., Millo, D., Poloni, C., Zangrando, D. Status of the development of insertion devices for ELETTRA 7111
Walker, R.P., Tommasini, D., Zangrando, D., Einfeld, D. Magnetic measurement of the ELETTRA transfer line magnets 15531
Walker, R.P. *see* Bocchetta, C.J. 7031
Walker, R.P. *see* Gnidica, F. 15530
Walker, R.P. *see* Zangrando, D. 15529
Walker, S. A low phase shift attenuator 42162
Walker, S. *see* Guy, C.N. 31946
Walker, S.D. *see* Zhou, J. 5956
Walker, S.D. *see* Zhou, J. 45935
Walker, S.D. *see* Zhou, J. 46005
Walker, S.G. *see* Tong, F. 38105
Walker, S.L. *see* McCormick, F.B. 43584
Walker, S.L. *see* Morrison, R.L. 20496
Walkup, J.F. *see* Timucin, D.A. 36893
Wall, B. *see* Eckert, D. 43286
Wall, B. *see* Schneider, K. 24171
Wall, G.A., Hanko, J.G., Northcutt, J.D. Bus bandwidth management in a high resolution video workstation 5381
Wall, J. *see* Li, M. 31493
Wall, J. *see* Salinas, J. 41988
Wall, K.F., Schulz, P.A., Aggarwal, R.L., Lacovara, P., Sanchez, A. A $Ti:Al_2O_3$ master-oscillator/power-amplifier system 12050
Wall, L., Ferens, K., Kinsner, W. Real-time dynamic arithmetic coding for low bit-rate channels 29452
Wall, L., Kinsner, W. A fractal block coding technique employing frequency sensitive competitive learning 29916
Wall, S. *see* Standstrom, M. 15931
Wall, S.R., Jackson, R.D. Large signal models and control design for high power-factor preconditioners 8667
Wall, T. *see* Munukutla, S. 32694
Wallace, A. Instrumentation for a contemporary energy conversion laboratory 126
Wallace, A., Zhang, G., Austin, B. Fusion of intensity and range data 45163
Wallace, A. *see* Zhang, G. 13616
Wallace, A.K., Spee, R., Alexander, G.C. The brushless doubly-fed machine: its advantages, applications and design methods 8287
Wallace, A.K., Spee, R., Alexander, G.C. The commercial and educational benefits of variable-speed drive testing facilities 8862
Wallace, A.K., Spee, R., Alexander, G.C. Adjustable speed drive and variable speed generation systems with reduced power converter requirements 16789
Wallace, A.K., Spee, R., Alexander, G.C. The brushless doubly-fed motor as a limited-speed-range pump drive 17644
Wallace, A.K. *see* Saifkhani, F. 17543
Wallace, A.M. *see* Zhang, G. 45168
Wallace, A.R. Mini-hydro generation: applications, regulations, and economics 47805
Wallace, B. *see* Lennig, M. 36594
Wallace, B. *see* Nickel, J.R. 7763
Wallace, D. *see* Swartz, M. 16109
Wallace, D. *see* Swartz, M. 36946
Wallace, E.W. *see* Leemans, W.P. 28891
Wallace, G.L. *see* Blatt, J.H. 6790
Wallace, H.B. *see* Crowley, J.D. 42208
Wallace, I.T., Novotny, D.W., Lorenz, R.D., Divan, D.M. Increasing the dynamic torque per ampere capability of induction machines 40195
Wallace, J.E. *see* Fitzsimmons, G.W. 29371
Wallace, J.J.A., Martin, K., Whittingham, T.A. An experimental single-sideband acoustical reinjection test method for Doppler systems 7376
Wallace, J.L. Broadband magnetic microwave absorbers: fundamental limitations 43328
Wallace, J.P. *see* Gong Chen 27866
Wallace, J.P. *see* Reilly, M. 27988
Wallace, J.R. Proposed commercialization plan for electric vehicle market introduction in the United States 48189
Wallace, L.N. *see* Hanna, W.A. 18569
Wallace, M. *see* Liu, Y.-J. 5766
Wallace, R. *see* Johnson, B. 46027
Wallace, R.L., Yi, J., Anderson, W.A. Si film growth by supercooling of a molten Si alloy film 9683
Wallace, R.L. *see* Shi, Z.Q. 1936
Wallace, R.S. *see* Akimoto, T. 4786
Wallace, R.S. *see* Bederson, B.B. 31308
Wallace, R.W. *see* Gerstenberg, D.C. 3815
Wallace, R.W. *see* Shannon, D.C. 20728
Wallace, W.L. *see* Todd, J.R. 39245
Walland, P.W. *see* Hood, K.J. 6052
Wallard, H.E., Fernique, J.C. Radwaste management in France 39856
Wallart, X. *see* Westphalen, R. 19740
Wallaschek, J. *see* Hagedorn, P. 16899
Walle, C.G.Van de *see* Van de Walle, C.G.
Wallenberg, A.J. *see* Jarman, R.H. 20734
Wallenberger, F.T. *see* Nordine, P.C. 640
Wallenhorst, U. High frequency connection made simple [Har-pak] 34319
Wallenstein, R. *see* Beigang, R. 29008
Wallenstein, R. *see* Fix, A. 3853
Wallenstein, R. *see* Grasser, C. 20984
Wallenstein, R. *see* Nebel, A. 20981
Waller, J.W. *see* Boreham, B.W. 3684
Waller, M.H. A tutorial on the measurement of paper stock consistency 6846
Waller, P. *see* Geissinger, L.G. 39457
Waller, R.G. *see* Jones, C.A. 35445
Waller, W.A.J., Aziz, S.M. A C-testable parallel multiplier using differential cascode voltage switch (DCVS) logic 34020
Waller, W.A.J. *see* Aziz, S.M. 41825
Wallez, C., Lemorton, J., Combes, P.F., Christophe, F. Model for the simulation of atmospheric effects on targets to background passive signatures 47289
Walliker, J.R. *see* Faulkner, A. 24360

Wallin, J. *see* Kjebon, O. 37991
Wallin, J. *see* Lourdudoss, S. 28862
Wallin, J. *see* Nilsson, S. 28864
Wallin, J. *see* Oberg, M. 28686
Wallin, J. *see* Oberg, M. 43929
Wallin, K. *see* Torronen, K. 16500
Wallinder, S. Implementation of UPT — universal personal telecommunication 45861
Walling, L., Hulsey, G., Grimm, T. Higher-order mode (HOM) damper design using HFSS 46754
Walling, L. *see* Goren, Y. 46751
Walling, L. *see* Ruiz, E. 46707
Walling, R.A., Barker, K.D., Compton, T.M., Zimmerman, L.E. Ferroresonant overvoltages in grounded wye-wye padmount transformers with low-loss silicon steel cores 25496
Walling, R.S. *see* Osterheld, A.L. 43721
Wallinga, H. *see* Liefting, R. 34929
Wallis, A.D., O'Rourke, S. Testing computer based instruments [acoustics] 39410
Wallis, E.W.G. *see* Foster, B. 31714
Wallis, R.H., Holmes, S.J., Long, A.P., Marsh, S.P., Lang, R.J., Blount, P., Bland, S.W., Watts, D.Y., Blunt, R.T. UK capability in HEMT ICs 10510
Wallis, R.H. *see* Long, A.P. 42217
Walliser, R.F., Landy, C.F. The presence and effects of interbar currents in double-cage induction motors with broken bars 8388
Wallner, W. *see* Friedrich, K. 32879
Wallraff, G. *see* Zuniga, M. 27971
Wallraff, G.M., Allen, R.D., Hinsberg, W.D., Larson, C.F., Johnson, R.D., DiPietro, R., Breyta, G., Hacker, N., Kunz, R.R. Single-layer chemically amplified photoresists for 193-nm lithography 27957
Wallraff, G.M. *see* Allen, R.D. 11069
Wallraff, G.M. *see* Allen, R.D. 11103
Wallraff, G.M. *see* Kunz, R.R. 11030
Wallraff, G.M. *see* Kunz, R.R. 11061
Wallraff, G.M. *see* McKean, D.R. 11009
Wallraff, G.M. *see* Miller, R.D. 42810
Wallraff, W. *see* Lubelsmeyer, K. 46971
Walls, F.L. Secondary standard for PM and AM noise at 5, 10, and 100 MHz 23401
Walls, F.L., Handel, P.H., Besson, R., Gagnepain, J.J. A new model of $1/f$ noise in BAW quartz resonators 20112
Walls, F.L. *see* Ferre, E.S. 10431
Walls, F.L. *see* Nelson, C.W. 23382
Walls, F.L. *see* Nelson, L.M. 23464
Walls, F.L. *see* Vanier, J. 23764
Walls, S.I. *see* Merrill, N.H. 31095
Walls, W.F. Cross-correlation phase noise measurements 23870
Walls, W.F. *see* Spiker, A. 39749
Wallstrom, E. *see* Mansson, L.G. 24378
Walmsley, I. *see* Wong, V. 20963
Walmsley, I.A. *see* Dwayne Miller, R.J. 20723
Walmsley, I.A. *see* Sweetser, J.N. 20810
Walmsley, N.P., Skodras, A.N., Curtis, K.M. A fast picture compression technique 36983
Walmsley, R.G. *see* Strom, B.D. 2819
Walnut, D. Local inversion of the Radon transform in the plane using wavelets 24230
Walpole, J.N., Kintzer, E.S., Chinn, S.R., Wang, C.A., Missaggia, L.J. Single-spatial-mode tapered amplifiers and oscillators 20824
Walpole, J.N. *see* Choi, H.K. 28861
Walpole, J.N. *see* Donnelly, J.P. 28870
Walpot, G. *see* Bosman, F. 14831
Walrand, J. *see* Kesidis, G. 22309
Walrand, J. *see* Kesidis, G. 22331
Walrand, J. *see* McKeown, N. 22305
Walrand, J. *see* Schwetman, H. *(editor)* 17662
Walser, R.M., Valanju, A.P., Win, W., Becker, M.F., Bene, R.W., Buckman, A.B. New smart materials for adaptive microwave signature control 18947
Walser, R.M. *see* Narayanan, C. 6461
Walser, R.M. *see* Woei-Yun Ho 43643
Walser, R.M. *see* Zhang, C. 6568
Walsh, A. *see* Baroth, E. 38416
Walsh, A. *see* Olson, D.W. 45927
Walsh, C.A. *see* Burland, D.M. 21067
Walsh, C.A. *see* Moylan, C.R. 44073
Walsh, C.A. *see* Silence, S.M. 21070
Walsh, C.Paton *see* Paton Walsh, C.
Walsh, D.O., Nielsen-Delaney, P.A. Direct method for superresolution 36894
Walsh, F. Storage and reduced temperature effects on Li/TCE cell performance 17184
Walsh, F. Improvements in lithium secondary cells 17252
Walsh, J., Tyra, K.P. An automated system for loading Atmoscan process tubes using intrabay material handling technologies 267
Walsh, J. *see* Doucas, G. 4003
Walsh, J. *see* Hacker, F. 27422
Walsh, J. *see* Howell, R. 7630
Walsh, J. *see* Howell, R. 7631
Walsh, J. *see* Khan, R.H. 23181
Walsh, L.H. *see* Lowry, L.E. 34807
Walsh, S. *see* Corbett, B. 20521
Walsh, S. *see* Corbett, B. 20555
Walsh, T.N. *see* Caldwell, M.T.P. 38986
Walshak, D. *see* Hashemi, H. 33379
Walski, T.M. Practical aspects of providing reliability in water distribution systems 9342
Walski, T.M. Water distribution valve topology for reliability analysis 9350
Walston, A. *see* Ng, W. 43687
Walsworth, R.L. *see* Chupp, T.E. 43703
Walt, A.J.van der *see* van der Walt, A.J.
Walt, P.W.van der *see* van der Walt, P.W.
Waltemyer, T. *see* Hadlock, D. 39116
Waltenspiel, R. *see* Staffel, B. 15804
Walter, E. Synchronized dynamic measurement of the positive-sequence voltage component in extended power systems 47597
Walter, F. *see* Sherick, J. 25308
Walter, H. *see* Hillmer, H. 28848
Walter, R. *see* Gomm, D. 18014
Walter, R. *see* Hess, W. 27212
Walter, R.F., O'Leary, R.A. Pressure recovery in supersonic gas lasers 20621
Walter, R.F., O'Leary, R.A. Pressure recovery devices for supersonic COIL lasers 35672
Walter, R.L. *see* Aksoy, A. 31674
Walter, S.P. Nuclear power performance standards: a preliminary survey of effectiveness 8058
Walter, T. *see* Kasdin, N.J. 18515
Walter, T. *see* Rockett, A. 40470
Walter, T. *see* Scheer, R. 17401
Waltermyer, T. *see* Kohlberg, I. 44442
Walters, C. *see* Ulbrich, E. 39184
Walters, C.T. Failed transformers: replace or repair? 8477
Walters, D.C., Sheble, G.B. Genetic algorithm solution of economic dispatch with valve point loading 24724
Walters, K. *see* Ming Lu 41400
Walters, P.C., Pollard, R.D., Richardson, J.R., Gatti, G. Millimetre-wave device modelling differences in microstrip and coplanar waveguide 1545
Walters, R. Computer telephone integration 26036
Walters, R.A. *see* Gillum, W.O. 34425
Walters, R.J. *see* Shaw, G.J. 3330
Walters, R.J. *see* Summers, G.P. 34884
Walters, R.R. *see* Reed, J.W. 17175
Walters, S.A. Virtual test station (VTS) 39260
Walters, S.M., Burpee, D.S., Dobrowski, G.H. Evolution of fiber access systems to ATM broadband networking 30740
Walters, W.B. *see* Davids, C.N. 24115
Waltersdorf, H.R. Automotive connectors and interconnects respond to emerging technologies 33122
Walther, B., Liemke, I. Measurement and analysis of effects of nonsinusoidal loads on electric power supply systems 25078
Walther, E. *see* Prasad, R. 37802
Walther, H. *see* Hollemann, G. 28794
Walther, H., Koroteev, N., Scully, M.O. *(editors)* Frontiers in nonlinear optics. The Sergei Akhmanov memorial volume 9123
Walther, M. *see* Rohr, T. 9632
Walther, T. *see* Ruhl, J. 23525
Walther, U., Lane, P.M., O'Reilly, J.J. Mach-Zehnder modulators as signal shaping elements for high bit-rate optical communication systems 5933
Walther-Klaus, E. *see* Lehmann, F. 30423
Waltman, S., Romanovsky, A., Wells, J., Fox, R.W., Hollberg, L., Sassi, M.P., Robinson, H.G. Precise optical frequency references and difference frequency measurements with diode lasers 6302
Walton, A. The extraction of parameters for synchronous machines from the results of frequency response tests 8334
Walton, A.J., Fallon, M., Stevenson, J.T.M., Ross, A.W.S., Reeves, C.M. Improved structure for optimisation of focus and exposure for IC production 2284
Walton, A.J. *see* Cooke, G.A. 42617
Walton, A.L. *see* Hall, T.J. 11905
Walton, A.L. *see* Russ, K.B. 11794
Walton, A.R., Burnett, J. Memory board layout considerations for the MC88110 1709
Walton, D. *see* Yeung, M. 6356
Walton, D.J. *see* Miller, L.S. 44117
Walton, E.K., Moghaddar, A. Time-frequency-distribution analysis of frequency dispersive targets 46044
Walton, L. *see* Irwin, P.G.J. 28578
Walton, P.W., O'Flaherty, M.R., Butler, M.E., Compton, P. Gravimetric biosensors based on acoustic waves in thin polymer films 46522
Walton, R., Gorden, B. Better, stronger, faster - an update on a paging format which increases channel efficiency 45790
Waltz, F.M. Fast computation of the 2D discrete wavelet transform 45230
Walukiewicz, W. *see* Dreszer, P. 42409
Walukiewicz, W. *see* Kin Man Yu 34519
Walukiewicz, W. *see* Kin Man Yu 42644
Walukiewicz, W. *see* Moll, A.J. 2045
Walukiewicz, W. *see* Moll, A.J. 19535
Walukiewicz, W. *see* Moll, A.J. 42638
Walz, H.V. *see* Fischer, G.E. 15362
Walz, J. *see* Stoltz, B. 35795
Walzel, G. *see* Bencze, G.L. 38858
Walzel, G. *see* Gasparini, F. 7223
Walzel, M. *see* Moeck, H. 46630
Wambacq, P. *see* Gielen, G. 33835
Wambacq, P. *see* Price, C.B. 4973
Wames, R.E.De *see* De Wames, R.E.
Wampler, C.W. An efficient start system for multi-homogeneous polynomial continuation 26348
Wan, A.W.L., Kjartanson, B.H., Spinney, M.H., Radhakrishna, H.S., Lau, K.-C. A system for measuring moisture transients in clay-based barrier materials 16016
Wan, E. *see* Widrow, B. 29571
Wan, E. *see* Widrow, B. 29690
Wan, J.R. *see* Baron, A.E. 23758
Wan, K.J. *see* John, K.D. 31499
Wan, K.W., Lam, W.K., Austin, J., Vilar, E., Bacon, D.F. Wideband transhorizon channel sounder at 11 GHz 30617
Wan, L. *see* Sun, L. 29226
Wan, S. An overview of telecommunications planning in China 5394
Wan, S.W.S. *see* Shoon, S.Y. 47081
Wan, T.C., Douligeris, C. Improved estimator for a discretised learning routing algorithm 30258
Wan, Y. *see* Liu, Q. 37790
Wan, Z., Yasuda, T., Lucovsky, G., Lamb, H.H. Electron cyclotron resonance plasma etching/cleaning for Si device fabrication 34738
Wan, Z.-x. *see* Johannesson, R. 21612
Wan Baolin *see* Cen Wenhui 24812
Wan Baolin *see* Baolin Wan
Wan Changchang *see* Jin Xianhe 23875
Wan De-Jun *see* Wu Shao-Ming 26251
Wan Faguan *see* Luo Huiguo 7648
Wan Faguan *see* Luo Huiguo 29866
Wan Faguan *see* You Suya 22102
Wan Faguan *see* You Suya 36800
Wan Huibing, Yang Linyao, Jia Xinzhang, Wu Dazheng An optimization technique using parametric sampling and income tradeoff in IC's statistical design 9876
Wan Jinliang The consistency theorem on normalised reflection coefficients of ladders 34145
Wan Kaiyan *see* Guo Guangsheng 18323
Wan Nianhong *see* Nianhong Wan
Wan Park Jong *see* Jong Wan Park
Wan Wei *see* Qiu Mei-De 12586
Wan Wei *see* Yin Wenyan 36150
Wan Wei *see* Yin Wenyan 44598
Wan Weishi *see* Weishi Wan
Wan Woo Lai *see* Lai Wan Woo
Wan Xiang *see* Xiang Wan
Wan Xining *see* Zhang Zigang 5320
Wan Xu *see* Fu Xunwei 1205
Wan-Chi Siu *see* Yuk-Hee Chan 21718
Wan-Chi Sui *see* Yuk-Hee Chan 45217
Wan-Guo Zhu *see* Guo-Zhong Zhou 32232
Wan-Suk Yoo *see* Sae-Kyu Nam 48428
Wanchun We *see* We Wanchun
Wanczek, K.-P. *see* Wang, Y. 4002
Wanczuk, R. *see* Jankowski, S. 4970
Wand, M.D. *see* Handschy, M.A. 3212
Wandernoth, B. *see* Franz, J. 5958
Wandinger, L. *see* Crowley, J.D. 42198
Wandinger, L. *see* Crowley, J.D. 42208
Wang, A. Error analyses for photoelastic multimode optical fiber sensors 46471
Wang, A., Gollapudi, S., May, R.G., Murphy, K.A., Claus, R.O. Sapphire optical fiber-based interferometric sensors for high temperature environmental applications 6544
Wang, A., Wang, G.Z., Vengsarkar, A.M., Murphy, K.A., Claus, R.O. Micro-device for coupling, multiplexing and demultiplexing using elliptical-core two-mode fiber 5963
Wang, A. *see* Cushman, P. 24012
Wang, A. *see* Devadas, S. 26804
Wang, A. *see* Devadas, S. 26861
Wang, A. *see* Devadas, S. 41605
Wang, A. *see* Tang, Y. 35004
Wang, A. *see* Zhao, J. 20534
Wang, A. *see* Zhao, J. 25700
Wang, A. *see* Zheng, G.F. 40494
Wang, A.C., Sanders, S.R. Programmed pulsewidth modulated waveforms for electromagnetic interference mitigation in DC-DC converters 40324
Wang, A.D. Load characterization technique simplifies wideband amp designs 9978
Wang, A.T.M. *see* Hulbert, M. 7206
Wang, B. *see* Farag, A.A. 5001
Wang, B. *see* Ghione, G. 10455
Wang, B. *see* Misra, D. 46414
Wang, B. *see* Pan, G.W. 4172
Wang, B.-J., Saka, N. Thermal analysis of electrode heating and melting due to a spark 1776
Wang, B.B. *see* Fecho, T.R. 32375
Wang, B.K., Lam, K.Y., Leong, M.S., Kooi, P.S. A new set of orthogonal polynomial functions for waveguide analysis 29238
Wang, B.P., Caldwell, S.P. An improved approximate method for computing eigenvector derivatives 9456
Wang, C., Gao, B.-Q., Deng, C.-P. Q factor of a resonator by the finite-difference time-domain method incorporating perturbation techniques 1471
Wang, C., Schwartz, M. Identification of faulty links in dynamic-routed networks 30313
Wang, C., Sessler, A.M. Three-dimensional simulation analysis of the standing-wave free-electron laser two beam accelerator 27414

Wang, C., Shahidehpour, S.M. Power generation scheduling for multi-area hydro-thermal systems with tie line constraints, cascaded reservoirs and uncertain data 24725
Wang, C., Shahidehpour, S.M. Effects of ramp-rate limits on unit commitment and economic dispatch 24726
Wang, C., Shahidehpour, S.M. Optimal generation scheduling with ramping costs 47624
Wang, C., Shahidehpour, S.M., Adapa, R. Optimal power generation scheduling—an overview 39702
Wang, C., Shealy, D.L. Design of gradient-index lens systems for laser beam reshaping 3732
Wang, C., Tomita, M., Hirano, K., Kaijiri, K. An efficient method of layering high layer protocol for ISDN applications 14275
Wang, C. *see* Abe, K. 45191
Wang, C. *see* Chang, Y.-H. 31738
Wang, C. *see* Fiorentini, G.M. 23955
Wang, C. *see* Greenberg, S. 968
Wang, C. *see* Kurz, H. 43614
Wang, C. *see* Li, X.Q. 10812
Wang, C. *see* Veprek, S. 42701
Wang, C. *see* Wang, J.L. 5175
Wang, C. *see* Wang, S.L. 42254
Wang, C. *see* Wei, Y. 20001
Wang, C. *see* Xu, Z. 17391
Wang, C.-C. *see* Denysenko, A. 15089
Wang, C.-C. *see* Horng, T.-S. 1491
Wang, C.-H. *see* Lin, W.-S. 25431
Wang, C.-J., Emnett, F. Area and performance comparison of pipelined RISC processors implementing different precise interrupt methods 11308
Wang, C.-L., Chang, Y.-T. Efficient 2-D systolic array implementation of a prime factor DFT algorithm 26971
Wang, C.-L. *see* Wang, T. 29675
Wang, C.-S. *see* Hatamian, M. 27005
Wang, C.-Y. *see* Jaw, F.-S. 47083
Wang, C.-Y. *see* Loos, J. 19941
Wang, C.A., Tracy, D.M. Adjusting trimethylgallium injection time to explore atomic layer epitaxy of GaAs between 425 and 500°C by organometallic vapor phase epitaxy 41299
Wang, C.A. *see* Donnelly, J.P. 28870
Wang, C.A. *see* Li, H.C. 35261
Wang, C.A. *see* Walpole, J.N. 20824
Wang, C.C. *see* Chang, Y.H. 42502
Wang, C.C. *see* Davidson, F.M. 43619
Wang, C.C. *see* Hsiang, T.Y. 20519
Wang, C.C. *see* Liu, M.Y. 23638
Wang, C.H., Gu, S.H., Guan, H.W. Polar order and relaxation of second order nonlinear optical susceptibility in an electric field polarized amorphous polymer 3861
Wang, C.L., Tsai, C.S. Integrated magnetooptic Bragg cell module in tapered waveguide and applications of RF spectral analysis at *X*-band and light beam scanning 3237
Wang, C.Y., Chen, Y.C., Lee, C.C. Directly deposited fluxless lead-indium-gold composite solder 42343
Wang, C.Y. *see* Win-Li Lin 31968
Wang, D., Inagaki, T. Optimization of human interface configurations and safety control policies for alarm subsystems 40872
Wang, D., Wang, Y.H., Bosman, G., Li, S.S. Noise characterization of novel quantum well infrared photodetectors 15018
Wang, D. *see* Beigang, R. 29008
Wang, D. *see* Dwayne Miller, R.J. 20723
Wang, D. *see* Grasser, C. 20984
Wang, D. *see* Letellier, P. 7012
Wang, D.N., Ning, Y.N., Grattan, K.T.V., Palmer, A.W., Weir, K. Three-wavelength combination source for white-light interferometry 46384
Wang, D.N. *see* Boyle, W.J.O. 15822
Wang, D.N. *see* Ning, Y.N. 21149
Wang, D.P., Huang, N.F., Chao, H.S., Lee, R.C.T. Plane sweep algorithms for the polygonal approximation problems with applications 41132
Wang, D.P. *see* Tzer-Hsiang Huang 43624
Wang, D.T. *see* Chao, D.Y. 37149
Wang, D.T. *see* Chao, D.Y. 37154
Wang, D.W., Papathomas, K.I. Encapsulant for fatigue life enhancement of controlled-collapse chip connection (C4) 40941
Wang, D.X. *see* Wang, J.G. 15482
Wang, D.X. *see* Wang, J.G. 46795
Wang, D.Y. *see* Johnson, R.P. 6912
Wang, E.M., Botlo, M., Dorenbosch, J., Walbran, S. Trigger and DAQ issues in low mass Higgs searches 24104
Wang, F., Li, K.K., Furman, E., Haertling, G.H. Discrete electro-optic response in lead zirconate thin films from a field-induced phase transition 3169
Wang, F., Litva, J., Lo, T. Performance of broadband adaptive digital beamforming in communication 21452
Wang, F., Reissner, M., Fischer, T., Grebner, S., Schwarz, R. Steady-state photocarrier grating technique applied to a-Si:H thin film transistors 28129
Wang, F., Schwarz, R. Characterization of optoelectronic properties of a-$Si_{1-x}C_x$:H films 28609
Wang, F. *see* Brogueira, P. 26486
Wang, F. *see* Grebner, S. 10655
Wang, F. *see* Roberts, J. 38649
Wang, F. *see* Schwarz, R. 34500
Wang, F.C. A simulation based strategy for mixed-signal testing 18901
Wang, F.C., Endres, E.A., Reynolds, M. Linking design with test for mixed-signal devices 42085
Wang, G., Lin, T.-H., Cheng, P.-C. A derivative-free noncircular fan-beam reconstruction formula 13632
Wang, G. *see* Barron, C.C. 20403
Wang, G. *see* Pedersen, H.M. 23945
Wang, G.-W. *see* Hsieh, H. 16585
Wang, G.Y., Garmire, E.M. High-efficiency generation of ultrashort second-harmonic pulses based on the Cerenkov geometry 36022
Wang, G.Z. *see* Wang, A. 5963
Wang, H., Ebbini, E., O'Donnell, M., Seip, R., Cain, C. Adaptive 2D cylindrical section phased array system for ultrasonic hyperthermia 15901
Wang, H., Fu, L.W., Shang, S.X., Yu, S.Q., Wang, X.L., Lu, Z.K., Jiang, M.H. Ferroelectric thin films of bismuth titanate prepared by MOCVD 9780
Wang, H., Jaszczak, R.J., Gilland, D.R., Greer, K.L., Coleman, R.E. Solid geometry based modelling of non-uniform attenuation and Compton scattering in objects for SPECT imaging systems 15762
Wang, H., Lai, R., Chen, S.T., Berenz, J. A monolithic 75-110 GHz balanced InP-based HEMT amplifier 19118
Wang, H., Lai, R., Chen, T.H., Chow, P.D., Velebir, J., Tan, K.L., Streit, D.C., Liu, P.H., Ponchak, G. A monolithic *W*-band three-stage LNA using 0.1 μm InAlAs/InGaAs/InP HEMT technology 1580
Wang, H., Lam, W., Ton, T.N., Low, D.C.W., Tan, K.L., Dow, G.S., Allen, B., Berenz, J. A monolithic W-band preamplified diode detector 1594
Wang, H., Pinatel, C., Tsouli, M., Plouchart, J.O., Konczykowska, A., Riet, M., Vuye, S., Berdaguer, P. GaAs/GaAlAs power HBTs for mobile communications 2447
Wang, H., Sangster, A.J. A moment method formulation for slot-coupled waveguide tee-junction 10402
Wang, H., Tan, K.L., Ton, T.N., Dow, G.S., Liu, P.H., Streit, D.C., Berenz, J., Pospieszalski, M.W., Pan, S.K. A high gain low noise 110 GHz monolithic two-stage amplifier 1606
Wang, H., Ton, T.-N., Tan, K.L., Garske, D.C., Dow, G.S., Berenz, J.B., Pospieszalski, M.W., Pan, S.-K. 110-120-GHz monolithic low-noise amplifiers 10498
Wang, H. *see* Cai, L. 46052
Wang, H. *see* Kohno, R. 37711
Wang, H. *see* Lai, R. 27284
Wang, H. *see* Lee, C.J. 46050
Wang, H. *see* Lo, D.C.W. 1638
Wang, H. *see* Pascal, F. 19766
Wang, H. *see* Plouchart, J.O. 27273
Wang, H. *see* Plouchart, J.O. 42216
Wang, H. *see* Sarkar, T. 44901
Wang, H. *see* Song, F. 36879
Wang, H. *see* Ton, T.-N. 1574
Wang, H. *see* Wicks, M. 23196
Wang, H. *see* Zhang, Q.M. 20076
Wang, H.-C. *see* Kuo, C.-C. 21591
Wang, H.B., Xu, W.W., Cheng, Q.H., Wu, P.H., Luo, Y.J., Ye, H., Zhang, J.M. Harmonic mixing at mm waveband in a high temperature superconducting grain boundary Josephson junction 34245
Wang, H.C. *see* Rippert, E.D. 23603
Wang, H.C. *see* Yi, X.J. 33637
Wang, H.F., Hao, Y.S., Hogg, B.W., Yang, Y.H. Stabilization of power systems by governor-turbine control 16208
Wang, H.O. *see* Abed, E.H. 39452
Wang, H.X. *see* Torruellas, W. 44107
Wang, H.Y. *see* Wang, S.R. 41915
Wang, H.Z. A single antenna FM/CW ground-based microwave scatterometer with changeable polarization 38656
Wang, H.Z. *see* Zhou, J.Y. 21033
Wang, I. *see* Wang, S.W. 45301
Wang, J. Spectrum of anomalous random telegraph noise 19702
Wang, J., Chen, J., Hao, Y., Lu, Y. Additional wavelength shift of peak gain due to inhomogeneous distributions of carriers inside semiconductor lasers 35783
Wang, J., Cheng, T., Beton, P.H., Harris, J.J., Bowser, E., Foxon, C.T. Sulphide passivation of (AlGa)As/GaAs modulation-doped heterostructures 19562
Wang, J., Guo, H. Time-dependent transport in two-dimensional quantum-wire structures 11118
Wang, J., Shimmin, D.W. A novel sliding mode control strategy for a variable speed permanent magnet drive system 17437
Wang, J., Trecat, J. A fault diagnosis expert system based on Petri net models in substations 8720
Wang, J. *see* Abdulhalim, I. 20444
Wang, J. *see* Arai, M. 36525
Wang, J. *see* Bauer, P.H. 18883
Wang, J. *see* Bennett, N. 8839
Wang, J. *see* Buhmann, H. 42851
Wang, J. *see* Cheng, Z. 3997
Wang, J. *see* Lee, P.C.Y. 20094
Wang, J. *see* Li, H. 22139
Wang, J. *see* McAulay, A.D. 36890
Wang, J. *see* Su, X. 25461
Wang, J. *see* Tripp, V. 44565
Wang, J. *see* Yao, Y. 5716
Wang, J. *see* Yongacoglu, A. 22970
Wang, J.-B. *see* Lee, J.-U. 42253
Wang, J.-F. *see* Chen, P.-C. 26769
Wang, J.-F. *see* Lee, L.-W. 4941
Wang, J.-F. *see* Wang, W.-L. 1185
Wang, J.D., Liu, T.S. A component behavioural model for automatic fault tree construction 9347
Wang, J.F., Giniewicz, J.R., Bhalla, A.S. Soft piezoelectric $(1-x)Pb(Sc_{1/2}Ta_{1/2})O_3$-$(x)PbTiO_3$ ceramics with high coupling factors and low Q_M 11363
Wang, J.F., Hubbard, M.A., Jin, Y., Lin, J.T., Marks, T.J., Lin, W.P., Wong, G.K. Knowledge base for the design of high performance second-order NLO materials. Architecture—relaxation correlations in new crosslinked poled polymer systems 44071
Wang, J.G., Reiser, M., Guo, W.M., Wang, D.X. Theoretical study of the longitudinal instability and proposed experiment 15482
Wang, J.G., Suk, H., Wang, D.X., Reiser, M. Determination of the geometry factor for longitudinal perturbations in space-charge dominated beams 46795
Wang, J.H., Jen, L. Shaped dipole arrays with maximum gain 44616
Wang, J.H., Jin, M.S., Ozguz, V.H., Lee, S.H. N-channel metal-oxide-semiconductor transistors fabricated in a silicon film bonded onto sapphire 28161
Wang, J.J., King, E.E., Leonov, P., Huang, D.H., Thompson, P., Godbey, D. Bonded wafer substrates for integrated detector arrays 15640
Wang, J.J.H., Chang, M., Feng, W.S. Binary-tree timing simulation with consideration of internal charges 11309
Wang, J.J.H., Tripp, V.K. Spiral microstrip antenna suits EW/ECM systems 36386
Wang, J.K., Denison, D.R. Advanced techniques for interlayer dielectric deposition and planarization 19663
Wang, J.L. A novel link set dimensioning procedure for networks supporting the load splitting link selection algorithm 5324
Wang, J.L., Silvester, J.A. Maximum number of independent paths and radio connectivity 22762
Wang, J.L., Silvester, J.A. Throughput optimization in single commodity multihop packet radio networks 30170
Wang, J.L., Silvester, J.A. Optimal adaptive multireceiver ARQ protocols 37144
Wang, J.L., Zhou, J.P., Wang, C., Fan, Y.H. Interdeparture processes of traffic from ATM networks 5175
Wang, J.M., Cheng, L., Sawchuk, A.A. Light-efficient two-dimensional perfect shuffles with DuPont photopolymer holograms 21105
Wang, J.M. *see* Cheng, L. 20447
Wang, J.R., Boncyk, W.C., Sharma, A.K. Water vapor profiling over ocean surface from airborne 90 and 183 GHz radiometric measurements under clear and cloudy conditions 24479
Wang, J.R. *see* Rao, K.S. 32064
Wang, J.R. *see* Teng, W.L. 39396
Wang, J.S., Mittra, R. Finite element analysis of MMIC structures using absorbing boundary conditions 1602
Wang, J.S., Shih, C.G., Chang, W.H., Middleton, J., Apostolakis, P.J., Feng, M. 11 GHz bandwidth GaAs MESFET/MSM OEIC receivers 3383
Wang, J.W. *see* Ruth, R.D. 46776
Wang, J.Y. *see* Kuo, J.B. 26781
Wang, J.Y. *see* Shi, L.P. 35471
Wang, J.Z. Simulation and performance analysis of dynamic channel allocation algorithms in DECT 22844
Wang, K., Han, D., Silver, M. The effect of photodegradation on electroluminescence in a-Si:H devices 35604
Wang, K. *see* Djotni, K. 23601
Wang, K. *see* Han, D. 34898
Wang, K.-C. *see* Asbeck, P.M. 28114
Wang, K.-C. *see* Brackett, C.A. 6056
Wang, K.C., Hwang, H.L., Yew, T.R. Sulfurization of SiO_2 surface for polycrystalline silicon growth on SiO_2/Si structure at 250°C 34721
Wang, K.C. *see* Hsu, Y.J. 1892
Wang, K.L. *see* Chang, P.Z. 35300
Wang, K.L. *see* Lee, C. 23634
Wang, K.L. *see* Lie, D.Y.C. 2080
Wang, K.L. *see* Nayak, D.K. 19839
Wang, K.L. *see* Wu, S.L. 2586
Wang, K.W. *see* Twu, Y. 3596
Wang, L. A bit rate control approach for hybrid DPCM/DCT video coding 30151
Wang, L., Carr, T.D. Recalibration of the Voyager PRA antenna for polarization sense measurement 38195

Wang, L., Volker, H. Improving dynamic performance of temperature sensors with fuzzy control technique 6841
Wang, L. *see* Barbier, P.R. 23578
Wang, L. *see* Gandhi, R. 30061
Wang, L. *see* Pal, S.K. 4930
Wang, L. *see* Patterson, R. 24330
Wang, L. *see* Shams El Din, A.M. 27338
Wang, L. *see* Wise, L. 2385
Wang, L.-C. *see* Zou, W.-X. 12203
Wang, L.-Q., Minhaj, M.S.M., Chen, J.T., Wenger, L.E. Construction of a simple low-field solenoid for the quantum design SQUID magnetometer 4017
Wang, L.-X., Mendel, J.M. Fuzzy adaptive filters, with application to nonlinear channel equalization 4765
Wang, L.G. *see* Barnes, J.C. 35753
Wang, L.J. *see* Diaz, J. 43923
Wang, L.M. *see* Kalpaxis, L.L. 4813
Wang, L.P., Yang, J.R., Hwang, J. Microstructural and electrical properties of epitaxial PtSi/*p*-Si(100) co-deposited under ultrahigh vacuum 19421
Wang, L.S., Barnett, S.A. Role of electrode interfacial resistances in the characteristics of sputter-deposited medium-temperature solid oxide fuel cells 17375
Wang, L.S., Dobbins, B.N., Jambunathan, K., Wu, X.P. Fibre optic shape measuring system using phase stepping speckle pattern interferometry 46615
Wang, L.S., Lin, M.S., Yoo, C.S., Huang, F.S. Improvement of oxide quality by rapid thermal annealing in N_2 2134
Wang, M., Yuan, D. On design of TCM in channels with different fading 29448
Wang, M.-J.J. *see* Wen-Yen Wu 4820
Wang, M.-S. E. *see* Gubanski, S.M. 11381
Wang, M.-S.E. *see* Gubanski, S.M. 7981
Wang, M.-X., Pouliquen, H., Grandpierro, M. Performance of an active filter using PWM current source inverter 16997
Wang, M.-Z., Bernstein, A., Bienz, T., Caldwell, A., Chen, L., Derrick, M., Gialas, I., Hamri, A., Imlay, R., Kartik, S., Kim, H.J., Kinnel, T., Kreutzmann, H., Li, C.G., Lim, J.N., Loveless, R., Lu, B., Mallik, U., McLean, K., McNeil, R., Metcalf, W., Musgrave, B., Oh, B.Y., Park, S., Parsons, J., Reeder, D., Repond, J., Ritz, S., Roco, M.T.P., Sandler, P.H., Sciulli, F., Smith, W.H., Talaga, R.L., Tzanakos, G., Wai, L., Whitmore, J., Wu, J., Yang, S.H. Beam tests of the ZEUS barrel calorimeter 31689
Wang, M.G. *see* Vandermaar, A.J. 43163
Wang, M.H., Johnson, M.R., Dutta, S.P. Design for the environment: an imperative concept in CE 40892
Wang, M.H. *see* Hsieh, W.Y. 27576
Wang, M.H. *see* Yang, Z.P. 8827
Wang, M.R., Jannson, T., Katsman, V. A novel coding technique for the implementation of an electrooptic analog-to-digital converter 3190
Wang, M.R., Jannson, T., Sonek, G.J. Substrate wavelength-demultiplexing optical interconnects based on superimposed holographic gratings and three-dimensional Bragg diffraction 11900
Wang, M.S., Aspinall, D., Ritchings, R.T. A single-pixel-wide edge detector 13736
Wang, M.S., Milster, T.D. Differential wax-wane focus servo 2947
Wang, M.S., Milster, T.D. Crosstalk cancellation using differential wax-wane focus servo technique 20263
Wang, M.S. *see* Milster, T.D. 20429
Wang, M.S. *see* Schlichting, W. 35313
Wang, M.W. *see* Feenstra, R.M. 42538
Wang, M.W. *see* Mei, Y.J. 35299
Wang, N. *see* Stockwell, W. 18495
Wang, N. *see* Yvon, D. 24035
Wang, N.Y. *see* Gao, H.L. 28935
Wang, P., Fellah, M.K., Aubry, J.F., Zanne, C. Description of digital firing circuit of an HVDC rectifier for its realization 8533
Wang, P. *see* Fellah, M.K. 8539
Wang, P. *see* Grynkewich, G.W. 19660
Wang, P. *see* Raghuram, R. 9872
Wang, P. *see* Raghuram, R. 17865
Wang, P. *see* Slocum, J. 24283
Wang, P.D. *see* Murad, S.K. 27741
Wang, P.D. *see* Sotomayor Torres, C.M. 43607
Wang, P.J. *see* Chang, T.C. 41456
Wang, P.J. *see* Goorsky, M.S. 1897
Wang, P.J. *see* Horng-Chih Lin 837
Wang, P.J. *see* Horng-Chih Lin 2052
Wang, P.J. *see* Horng-Chih Lin 9755
Wang, P.J. *see* Horng-Chih Lin 33688
Wang, P.K.U. Cost-effective MCM modeling and simulation addressing the challenges of proving MCM designs 40926
Wang, P.S.P. Recognizing 3D articulated line-drawing objects 4983
Wang, P.S.P. Parallel object pattern analysis—a syntactic approach 13752
Wang, P.S.P. 3-D articulated object recognition—a parallel approach 30011
Wang, P.S.P. *see* Arumugam, A. 45193
Wang, P.S.P. *see* Nagendraprasad, M.V. 13539
Wang, P.S.P. *see* Zhang, Y.Y. 45202
Wang, P.Y., Kozaki, S., Ohki, M., Yabe, T. Higher order formulation of absorbing boundary conditions for finite-difference time-domain method 12514
Wang, Q., Gabbouj, M., Neuvo, Y. Computing the cardinality of root signal sets of morphological filters 13466
Wang, Q., Iguchi, I. Investigation on the possible electric field effect and surface morphology of a YBCO/CeO_2/Au MIS diode 2898
Wang, Q., Wai, P.K.A., Chen, C.J., Menyuk, C.R. Numerical modeling of soliton-dragging logic gates 20448
Wang, Q. *see* Boardman, A.D. 43262
Wang, Q. *see* Boardman, A.D. 43263
Wang, Q.F. *see* Osburn, C.M. 19484
Wang, Q.F. *see* Tsai, J.Y. 42615
Wang, Q.H., Swanson, J.G. Optoelectronic modulation spectroscopy applied to the characterization of field effect transistors 19841
Wang, Q.H. *see* di Marco, M. 2388
Wang, Q.S., McDermott, D.B., Lin, A.T., Luhmann, N.C., Jr., Pretterebner, J. Development of high-power second harmonic gyro-TWT 27429
Wang, Q.S., Reisman, A., Temple, D. Selective area chemical vapor deposition of silicon by the alternating cyclic method: a thermodynamic analysis 33733
Wang, Q.Y. *see* Pedrow, P.D. 24897
Wang, R. *see* Chen, J. 18697
Wang, R. *see* Zhang, X.K. 38575
Wang, R.H. *see* Giles, M.D. 28245
Wang, R.L. *see* Li, H.C. 35261
Wang, R.T., Dick, G.J. Environmental sensitivity of the superconducting cavity maser oscillator 23396
Wang, R.T. *see* Prestage, J.D. 23381
Wang, S., Bhattacharyya, B.B., Ahmad, M.O. A novel ratio-independent cyclic multiplication D/A converter 10239
Wang, S. *see* Archer, N.P. 4589
Wang, S. *see* Ballingall, J.M. 1640
Wang, S. *see* Corman, T. 974
Wang, S. *see* Guotong Du 12247
Wang, S. *see* Zhou, J.W. 6499
Wang, S.-C. *see* Poole, C.D. 2972
Wang, S.-C. *see* Poole, C.D. 35415
Wang, S.-K. *see* Li, E.-B. 31516
Wang, S.-P.T. In-line automated inspection for semiconductor assembly 1761
Wang, S.-Q. *see* Actor, G. 10985
Wang, S.-y. *see* Chen, R.H. 24690
Wang, S.C. *see* Dziura, T.G. 43883
Wang, S.G. *see* Xiong, G.C. 35257
Wang, S.I. *see* Hsiao, J.M. 5918
Wang, S.J. *see* Dutta, N.K. 11892
Wang, S.J. *see* Wu, S.L. 2586
Wang, S.L., Gao, S.X., Li, H.F., Xu, Y.B., Wang, C., Xu, C.J., Du, Z.T., Yuan, F.L. The relation between testing waveform and energy density on ZnO varistor 42254
Wang, S.L. *see* Yan, L.G. 25331
Wang, S.M., Andersson, T.G., Chen, W.Q., Sodervall, U., Thordson, J. Growth and characterization of digital and compositionally graded AlGaAs/GaAs non-rectangular quantum wells 41260
Wang, S.M. *see* Ekenstedt, M.J. 668
Wang, S.M.-Y. *see* Hsieh, H. 16585
Wang, S.R., Yeh, A.T., Yang, R.K., Wang, H.Y., Chen, C.H., Lin, K.C. A 66 MHz PA-RISC embedded controller with 80486DX-like bus interface 41915
Wang, S.S., Lee, H.-S., Smolenski, D.J. The development of in situ electrochemical oil-condition sensors 31178
Wang, S.S., Silvester, J.A. A fast performance model for real-time multimedia communications 45287
Wang, S.W., Wang, I. Simulation results on CDMA forward link system capacity 45301
Wang, S.Y. *see* Cavenett, B.C. 12241
Wang, S.Y. *see* Hahn, K.H. 30747
Wang, S.Y. *see* Houng, Y.M. 43874
Wang, S.Y. *see* Lin, J.S. 38628
Wang, T., Clark, K.P., Spencer, G.F., Li, F., Kirk, W.P. Detecting trapped vortices using variable-range hopping in a two-dimensional system 6745
Wang, T., Wang, C.-L. A new optimum block adaptive FIR filtering algorithm 29675
Wang, T. *see* Bressler, V.E. 7106
Wang, T. *see* Hlynka, M. 17996
Wang, T. *see* Li, F. 27549
Wang, T. *see* Tz-Guei Jung 26448
Wang, T. *see* Vermeulen, F.E. 43468
Wang, T.-C., Wong, D.F., Sun, Y., Wong, C.K. Optimal channel density minimization by over-the-cell routing 19938
Wang, T.-K., Liu, H.-M. An improved method for void-fraction measurement using gamma-transmission gauge 15245
Wang, T.C. *see* Phadke, A.G. 47608
Wang, T.J. *see* Zhu, C. 44738
Wang, T.K. *see* Ardalan, S.S. 22707
Wang, T.Y. Lateral p-n junctions in metal-organic vapor-phase epitaxy of AlGaAs lasers on GaAs substrates having [011] etched ridges 33652
Wang, T.Y. *see* Meehan, K. 35811
Wang, W., Lamb, M., Busch-Vishniac, I.J. An automated loading and unloading system for a maglev wafer transport path 9216
Wang, W. *see* Deng, R.H. 30715
Wang, W. *see* Li, Z.S. 10966
Wang, W. *see* Liu, X. 23893
Wang, W. *see* Rokhlin, S.I. 15256
Wang, W. *see* Steier, W.H. 43481
Wang, W. *see* Suo, Z. 42777
Wang, W.-J., Lee, D.-L. A modified bidirectional decoding strategy based on the BAM structure 5118
Wang, W.-L., Wang, J.-F., Lee, K.-J. A fast testing method for sequential circuits at the state transition level 1185
Wang, W.-S. *see* Bhat, I. 26405
Wang, W.-S. *see* Lin, H.-B. 43454
Wang, W.-S. *see* Wei, P.-K. 28486
Wang, W.H. *see* Ting, G. 46833
Wang, W.I. *see* Freiler, M.B. 10963
Wang, W.I. *see* Li, L.K. 33628
Wang, W.I. *see* Tao, I.W. 41356
Wang, W.I. *see* van Son, P.C. 42531
Wang, W.I. *see* Wang, Y. 20535
Wang, W.I. *see* Yang, Y.F. 26783
Wang, W.I. *see* Zhang, Y. 46444
Wang, W.J., Honkanen, S., Najafi, S.I., He, Q., Wu, C.M., Rolland, C. Composite rare-earth-doped glass waveguides and amplifiers 3095
Wang, W.J., Honkanen, S., Najafi, S.I., Tervonen, A. Loss characteristics of potassium and silver double-ion-exchanged glass waveguides 3086
Wang, W.J., Honkanen, S., Najafi, S.I., Tervonen, A. Integrated optical ring resonator with a novel nonsymmetric Mach-Zehnder interferometer as input/output coupler 3156
Wang, W.J., McFadden, P.D. Early detection of gear failure by vibration analysis. I. Calculation of the time-frequency distribution 4758
Wang, W.J., McFadden, P.D. Early detection of gear failure by vibration analysis. II. Interpretation of the time-frequency distribution using image processing techniques 5113
Wang, W.W., Kwor, R. Erase process and tolerance study of pulse erasure in a high-density magneto-optical disk drive 20427
Wang, X. Design and initial tests of beam current monitoring systems for the APS transport lines 15350
Wang, X., Izatt, J.R. Diffuse reflecting surfaces for the infrared and far infrared 4039
Wang, X., Ooi, B.-T. Unity PF current-source rectifier based on dynamic trilogic PWM 8494
Wang, X., Ooi, B.-T. Real-time multi-DSP control of three-phase current-source unity power factor PWM rectifier 8495
Wang, X. *see* Ganz, A. 6027
Wang, X. *see* Li, Z.S. 10966
Wang, X. *see* Lumpkin, A.H. 15341
Wang, X. *see* Magnusson, R. 44164
Wang, X. *see* Yang, B.L. 34609
Wang, X.-S., Huang, C., Bressler-Hill, V., Maboudian, R., Weinberg, W.H. Performance of an ultrahigh-vacuum sample transfer system for investigation of molecular-beam epitaxy grown semiconductor surfaces 698
Wang, X.-S., Self, K., Bressler-Hill, V., Maboudian, R., Weinberg, W.H. Initial stages of Ge/GaAs(100) interface formation 34592
Wang, X.-S. *see* Maboudian, R. 26415
Wang, X.F., Lei, X.L. Polar-optic phonons and high-field electron transport in cylindrical GaAs/AlAs quantum wires 34593
Wang, X.F. *see* Xu, Z.Z. 35688
Wang, X.G., Dumont, G.A., Davies, M.S. Modelling and identifications of basis weight variations in paper machines 38723
Wang, X.G. *see* Pan, S.K. 33588
Wang, X.H., Cambrell, G.K. Simulation of strong nonlinear effects in optical waveguides 20342
Wang, X.L. *see* Wang, H. 9780
Wang, X.W., Noble, R.J., Finnigan, D., Spitulnik, F., McGinnis, P., Fu, L.P., Petrou, A. Laser deposition of cubic and hexagonal structured CdS thin films 865
Wang, X.X., Martoff, C.J., Kaczanowicz, E. All-thin-film GeAu thermistors for particle detection 24032
Wang, X.Y. *see* Chan, C.C. 48276
Wang, X.Z., Neuhalfen, A.J., Wessels, B.W. Photoconductive properties of the Er-doped InP 28590
Wang, Y., Chou, S.Y. Planar field-induced quantum dot transistor 2601
Wang, Y., Chou, S.Y. Observation of bias-induced resonant tunneling peak splitting in a quantum dot 19398
Wang, Y., Chou, S.Y. A new quantum dot transistor 19916
Wang, Y., Davis, F.W., Melack, J.M. Simulated and observed backscatter at P-, L-, and C-bands from ponderosa pine stands 24524
Wang, Y., Day, J.L., Davis, F.W., Melack, J.M. Modeling L-band radar backscatter of Alaskan boreal forest 39407
Wang, Y., Long Gao, Hill, D.J. On the design of a new nonlinear excitation controller for power systems 24733
Wang, Y., Mansour, N., Salem, A., Brennan, K.F., Ruden, P.P. Theoretical study of potential

ultra-low noise, confined state photodetectors 23587
Wang, Y., Mohler, R.R. Nonlinear feedback SC control of a power system 7785
Wang, Y., Nakayama, K. A combined fast adaptive filter algorithm with an automatic switching method 36779
Wang, Y., Ohwaki, J. New transparent vitroceramics codoped with Er^{3+} and Yb^{3+} for efficient frequency upconversion 11828
Wang, Y., Wanczek, K.-P., Jiang, X.Q., Hua, Z.Y. Exact two-dimensional quadrupole field and superposition of a homogeneous field 4002
Wang, Y., Yang, E.S., Wang, W.I. High gain and wide dynamic range punchthrough heterojunction phototransistors 20535
Wang, Y., Yoshikawa, T. Relations between sensitivity of moment and root in cascade form FIR filters 1329
Wang, Y., Zhou, R., Wen, C. Robust controller design for power system load frequency control 24764
Wang, Y., Zhu, Q.-F., Shaw, L. Maximally smooth image recovery in transform coding 22030
Wang, Y. *see* Banks, H.T. 11398
Wang, Y. *see* Bronikowski, M.J. 9654
Wang, Y. *see* Caussyn, D.D. 38778
Wang, Y. *see* Chikaraishi, H. 24785
Wang, Y. *see* Chou, S.Y. 2606
Wang, Y. *see* Evans, J.B. 5601
Wang, Y. *see* Feng, C. 2621
Wang, Y. *see* Hommerich, U. 35304
Wang, Y. *see* Hu, Y.Z. 34759
Wang, Y. *see* Huang, H. 23976
Wang, Y. *see* Kauffman, R.J. 30518
Wang, Y. *see* Li, D. 6973
Wang, Y. *see* Li, L.K. 33628
Wang, Y. *see* Mo, J.P.T. 14212
Wang, Y. *see* Yoshikawa, T. 1338
Wang, Y. *see* Zhu, Q.-F. 4816
Wang, Y.-F., Pollard, R. A mathematical model for CVD of tungsten from tungsten hexafluoride and silane 823
Wang, Y.-H. *see* Lin, H.-B. 43454
Wang, Y.-H. *see* Wiesenfeld, J.M. 12192
Wang, Y.-J. *see* Pierrat, L. 39462
Wang, Y.-M., Chew, W.C. A recursive T-matrix approach for the solution of electromagnetic scattering by many spheres 36154
Wang, Y.B., Teyssandier, F., Simon, J., Feurer, R. Chemical vapor deposition of silicon from disilane under reduced pressure in a circular impinging jet reactor. Simulation and experiments 41414
Wang, Y.G., Ashok, S. A study of metal/GaAs interface modification by hydrogen plasma 34762
Wang, Y.H., Houng, M.P., Chu, C.H., Chen, H.H. Self-consistent simulation of modulation-doped field-effect transistors 28193
Wang, Y.H., Li, S.S., Chu, J., Ho, P. Ultralow dark current p-type strained-layer InGaAs/InAlAs quantum well infrared photodetector with background limited performance for $T \leqslant 100$ K 38485
Wang, Y.H. *see* Houng, M.P. 19726
Wang, Y.H. *see* Liu, M.H. 19380
Wang, Y.H. *see* Liu, M.H. 34576
Wang, Y.H. *see* Wang, D. 15018
Wang, Y.J., Iwanczyk, J.S., Graham, W.R. Evaluation of HgI_2 detectors for lead detection in paint 24126
Wang, Y.J. *see* Dabrowski, A.J. 24069
Wang, Y.J. *see* Lu, S.S. 42889
Wang, Y.L., Sato, I., Toyama, S., Himeno, Y. Design of high power electron linac at PNC 38767
Wang, Y.L. *see* Sato, I. 15299
Wang, Y.L. *see* Temkin, H. 18232
Wang, Y.Q., Kline, R.A., Mignogna, R., Del Santo, P.P. Techniques for acoustic tomography in anisotropic media 9815
Wang, Y.S., Griffiths, B.J., Wilkie, B.A., Silverwood, P.A., Norgate, P. A new n-tuple colour classifier 13710
Wang, Y.S. *see* Gao, H.B. 9835
Wang, Z. An integrated SAW-based RF spectrum analyzer 6362
Wang, Z., Dunlap, R.A. Investigation of the hard magnetic properties of Sm_2Fe_{17} compounds with Ga substitution 28349
Wang, Z., Jen, C.K., Cheeke, J.D.N. Analytical solutions for sagittal plane plate waves in composites 11426
Wang, Z., Jullien, G.A., Miller, W.C. Interpolation using the discrete sine transform with increased accuracy 9446
Wang, Z., Jullien, G.A., Miller, W.C. An improved architecture for column compression multipliers 26793
Wang, Z., Jullien, G.A., Miller, W.C. The generalized discrete W transform and its application to interpolation 29715
Wang, Z., Kostinski, A.B. A random wave method for detecting phase imbalance in a coherent radar receiver 46071
Wang, Z., Rosenberg, T.J., Stauning, P., Basu, S., Crowley, G. Calculations of riometer absorption associated with F region plasma structures based on Sondre Stromfjord incoherent scatter radar observations 44345
Wang, Z. *see* Macleod, M.D. 44955
Wang, Z. *see* Tan, M. 31997
Wang, Z.-G. *see* Bronner, W. 20585
Wang, Z.G. *see* Hornung, J. 3380
Wang, Z.K. *see* Yan, L.G. 25331
Wang, Z.L., Hu, L., Lin, W.G. A modified T-matrix formulation for multiple scattering of electromagnetic waves 36169
Wang, Z.P., Hayhurst, D.R., Bilby, B.A., Howard, I.C. Vectorization and parallel processing studies using a Cray X-MP in non-linear computational solid mechanics 627
Wang Aihua *see* Aihua Wang
Wang Anbo *see* Anbo Wang
Wang Baishi *see* Baishi Wang
Wang Baisuo, Li Zhijun The $_cE_{01}$ mode in elliptic waveguide 36300
Wang Baoshu A kind of speaker recognition system based on the Euclidean distance weighted by the relation degree 13089
Wang Beijing *see* Beijing Wang
Wang Bin Analytical discussion of the resolution of scanning electron microscope 10635
Wang Bing-Le *see* Shi Jin-Fa 38693
Wang Bing-Zhong *see* Bing-Zhong Wang
Wang Bingnan Shorted electrode number calculation for coal-fired MHD channel 25720
Wang Bingnan Slag breakdown calculation model of cathode wall for coal-fired MHD generators 25721
Wang Bingnan *see* Batsyn, M.Ya. 25316
Wang Bingnan *see* Chen Yuan Li 25762
Wang Bohan *see* Xu Lixin 25599
Wang Bor-Tsuen *see* Bor-Tsuen Wang
Wang Ce *see* Ce Wang
Wang Cehuan *see* Li Guohui 42661
Wang Changan *see* Changan Wang
Wang Changbiao *see* Changbiao Wang
Wang Cheng-Bin *see* Yuan Feng 31156
Wang Cheng-Jun *see* Ma He 46606
Wang Chengdong *see* Feng Hao 12017
Wang Chengdong *see* Zhuang Qi 12003
Wang Chengdong *see* Zhuang Qi 35670
Wang Chengxun *see* Xu Shouyi 6212
Wang Chi-hsiang *see* Chi-hsiang Wang
Wang Chia-Yu *see* Chia-Yu Wang
Wang Chien-Min *see* Chien-Min Wang
Wang Chih Hsin *see* Chih Hsin Wang
Wang Chiho *see* Chiho Wang
Wang Chihping *see* Chihping Wang
Wang Chin-Fuan *see* Chin-Fuan Wang
Wang Chin-Liang *see* Chin-Liang Wang
Wang Ching-Cheng *see* Ching-Cheng Wang
Wang Ching-Sheu *see* Ching-Sheu Wang
Wang Chu-Fang *see* Chu-Fang Wang
Wang Chuanhua *see* Huang Junhuei 32667
Wang Chuanmin *see* Liu Jizhou 11708
Wang Chun, Liu Huanzhang Calculation of unsymmetrical power system 16139
Wang Chun-Hai *see* Ji Gui-Jun 46602
Wang Chun-Hai *see* Shi Wang-Yuan 38687
Wang Chung-Ching *see* Chung-Ching Wang
Wang Chunqing, Qian Yiyu, Jiang Yihong A numerical simulation model of SMT laser microsolder thermal process 3941
Wang Chunyan *see* Liang Jiben 41247
Wang Da Lun Statistical models of coal-fired MHD channel and alternatively diverging channel 25767
Wang Da-Chong *see* Qiao Rong-Qi 31084
Wang Dai-Hua *see* Liao Nian-Zhao 31423
Wang Dayong, Li Yulin, Kong Yue, Wang Zhao, Chen Fen Experimental study of recording binary phase-only filters using liquid crystal light valve 20507
Wang Dayong *see* Dayong Wang
Wang De-Jung *see* De-Jung Wang
Wang De-Ren, Huang Zhi-Jian On the convergence of the Brent method 41166
Wang Dehuang *see* Lin Wenhua 21046
Wang Dehuang *see* Wang Weili 12359
Wang Dehuang *see* Wang Weili 20972
Wang Der-Chyuan *see* Der-Chyuan Wang
Wang Dezong *see* Dezong Wang
Wang Dongjin, Li Dunfu MM-wave double varactors tuned oscillator 1512
Wang Erjian *see* Erjian Wang
Wang Fang-Wei *see* Fang-Wei Wang
Wang Fangzong, Chen Deshu, He Yangzan On-line transient stability simulation and assessment of large-scale power systems 16138
Wang Fangzong, He Yangzan, Chen Deshu Artificial neural network based estimation of power system transient security region 7698
Wang Feiling *see* Feiling Wang
Wang Feng *see* Feng Wang
Wang Fubao *see* Xu Qihua 3332
Wang Fuchen *see* Hua Peizhong 1501
Wang Fuhua *see* Fuhua Wang
Wang Furen *see* Yang Jun 1018
Wang Gan *see* Gan Wang
Wang Guang-Quan *see* Pan Yong-Dong 31304
Wang Guangsheng, Wang Pingyang, Hu Zhaoyi Fuzzy control of BP model neural network 32300
Wang Guangwei *see* Chen Chia-Erh 15500
Wang Guo-Ying The application of integral equations to the numerical solution of nonlinear singular perturbation problems 41194
Wang Guofu *see* He Yizong 35750
Wang Guoyi *see* Chen Lingbing 12318
Wang Guozhi Optical fiber holographic speckle interferometry 28450
Wang Hai *see* Gao Jiangrui 28908
Wang Hailong *see* Zhu Xiaochun 20773
Wang Hailong *see* Hailong Wang
Wang Haiming *see* Haiming Wang
Wang Haiping *see* Han Aimin 2515
Wang Haizhong, Ma Xingwang Dispatcher power flow of North China power system 7865
Wang Haizhong, Tian Mei, Zhou Jingyang The generation scheduling for North China power system 7864
Wang Hanyang *see* Hanyang Wang
Wang Hefeng *see* Hefeng Wang
Wang Heng, He Guanhu, Zhou Benlian, Chen Xin, Liu Wuming Noncontact flash method for measuring thermal expansion of foil specimens 31496
Wang Hong *see* Hong Wang
Wang Hong Ping *see* Van Muylem, H. 48288
Wang Houjun *see* Chen Guangju 38375
Wang Houshu *see* Wu Yiquan 4678
Wang Houshu *see* Wu Yiquan 4679
Wang Hsi-Huai *see* Hsi-Huai Wang
Wang Hsiu-Ping *see* Hsiu-Ping Wang
Wang Hsu-Pin *see* Hsu-Pin Wang
Wang Hua Feng *see* Hua Feng Wang
Wang Huaying *see* Huaying Wang
Wang Huei *see* Huei Wang
Wang Hui *see* Cai Tiequan 22135
Wang Hui-Ling, Jiang Zhao-Hui, Zhu Xiao-Bo Statistical method for detecting the inhomogeneity (IHGT) of a dilute magnetic copper-iron thermoelectrode at low temperatures 46362
Wang Huitian, Dong Fengzhong, Zhang Zhanxiang, Ye Peixian, Qiu Ling, Shen Jifeng, Fu Xingfa, Shen Yuquan Broadband fluorescence guided-wave in DANS/PMMA thin film waveguides 35422
Wang Hung-Yu *see* Hung-Yu Wang
Wang Huzhuang *see* Zheng Guowu 4188
Wang Hwai-Chi *see* Hwai-Chi Wang
Wang Ja-Nan *see* Ja-Nan Wang
Wang Jau-Jey *see* Jau-Jey Wang
Wang Jhing-Fa *see* Jhing-Fa Wang
Wang Ji *see* Ji Wang
Wang Ji-Tao *see* Ji-Tao Wang
Wang Jia *see* Zhao Yang 43297
Wang Jia-Shung *see* Jia-Shung Wang
Wang Jiajian *see* Jiajian Wang
Wang Jian *see* Jian Wang
Wang Jian Jun *see* Qian Wei Dong 40205
Wang Jian-Hua *see* Zhou Zin-Geng 38750
Wang Jiang *see* Zhang Li 28116
Wang Jiang *see* Jiang Wang
Wang Jianhua *see* Jianhua Wang
Wang Jianliang *see* Jianliang Wang
Wang Jianping *see* Jianping Wang
Wang Jianwei *see* Zhang Jian 11920
Wang Jianwei *see* Zhang Jian 12285
Wang Jianwei *see* Jianwei Wang
Wang Jiaxian, Zhang Wenzhen Analysis of cavity structure and choice of dye concentration for CPM unstable resonator Nd:YAG laser 28905
Wang Jiazhang *see* Feng Zhenghe 6749
Wang Jiesheng *see* Jiesheng Wang
Wang Jihua *see* Chen Chang 46880
Wang Jijie *see* Jijie Wang
Wang Jimei *see* Yuan Shun 8709
Wang Jin-De *see* Sun De-Feng 41107
Wang Jin-Song *see* Luo Zhen-Bi 23454
Wang Jin-Yinn *see* Jin-Yinn Wang
Wang Jinfeng *see* Zhang Yuancheng 22717
Wang Jing *see* Zhu Qin 28722
Wang Jing-Gang *see* Ye Miao-Yuan 31250
Wang Jingyi, He Xiaoming, Wang Yu, Chen Wei, Yin Sheng, Zhao Ning, Sun Xueli Analysis of key technology parameters of a-Si:H prepared by APCVD 18292
Wang Jinli *see* Liang Zhishan 6682
Wang Jinxiang *see* Jinxiang Wang
Wang Jiyang *see* Jiyang Wang
Wang Ju-Xiang, Li Zhu, Ni Jiang-Ming, Pei Xian-Deng Measurement and rectification of the response characteristic of piezoelectric transducers 31174
Wang Jun *see* Wang Yuezhu 28774
Wang Jun *see* Jun Wang
Wang Junmin *see* Li Ruining 20689
Wang Junmin *see* Junmin Wang
Wang Jyh-Ren *see* Jyh-Ren Wang
Wang Jyhpyng *see* Jyhpyng Wang
Wang Kai-Ying *see* Kai-Ying Wang
Wang Keda *see* Keda Wang
Wang Kexheng *see* He Fangdian 23694
Wang Kuanchih *see* Kuanchih Wang
Wang Kun-Chih *see* Kun-Chih Wang
Wang Kuo-Hua *see* Kuo-Hua Wang
Wang Kuochen *see* Kuochen Wang
Wang Kuohsu *see* Kuohsu Wang
Wang Lei *see* Chen Yiqing 20975
Wang Lei *see* Lei Wang
Wang Li *see* Li Wang
Wang Liang-Chuang *see* Liang-Chuang Wang

Wang Liangbin, Li Xiao-Guang, Xiang Xinyu, Chen Chun, Zhang Yuheng Preparation of zinc oxide seed grains 33757
Wang Lichen *see* Zhou Zhigang 19148
Wang Lie-Heng A note on convergence of TRUNC plate element 622
Wang Lifang *see* Chen Chia-Erh 15500
Wang Lifeng *see* Lifeng Wang
Wang Likarn *see* Likarn Wang
Wang Limin *see* Limin Wang
Wang Lin-Sen *see* Lin-Sen Wang
Wang Lingqin *see* Lingqin Wang
Wang Linlin *see* Zhou Zhigang 19148
Wang Linzhou *see* Wang Yunyong 46879
Wang Liqiong *see* Li Huifeng 15170
Wang Lishan *see* Chen Chia-Erh 15520
Wang Liwa *see* Liwa Wang
Wang Longji, Peng Sixian The communication network design of the first CIMS application project of China 5532
Wang Mang *see* Mang Wang
Wang Ming L^{∞} convergence of conforming finite elements for the biharmonic equation 9488
Wang Ming The generalized Korn inequality on nonconforming finite element spaces 41210
Wang Ming-Hong *see* Ming-Hong Wang
Wang Mingchang *see* Mingchang Wang
Wang Minghua *see* Feng Hao 20400
Wang Minghua *see* Feng Hao 20483
Wang Mingjun Problems on EMS open system architecture 32298
Wang Mingyi *see* Liu Chengze 25740
Wang Na-Xin *see* Chen Zhong-Min 11469
Wang Na-Xin *see* Na-Xin Wang
Wang Nai-Que *see* Nai-Que Wang
Wang Naining *see* Zheng Gang 21145
Wang Ning *see* Ning Wang
Wang PeChang *see* PeChang Wang
Wang Pei-Jih *see* Pei-Jih Wang
Wang Peida *see* Peida Wang
Wang Peng-Ye *see* Peng-Ye Wang
Wang Ping-Wei *see* Ping-Wei Wang
Wang Pingyang *see* Wang Guangsheng 32300
Wang Pu-Qun *see* Zhang Zhi-Chuan 23455
Wang Qi *see* Wang Yuezhu 28774
Wang Qi-Shan *see* Yuan Feng 31156
Wang Qiang *see* Qiang Wang
Wang Qianghua *see* Qianghua Wang
Wang Qiaofei *see* Qiaofei Wang
Wang Qijie *see* Qijie Wang
Wang Qiming Developments in semiconductor quantum optoelectronics 20582
Wang Qiming, Xiong Feike, Gao Wenzhi, Wu Ronghan, Lin Shiming, Zhang Quansheng Novel monolithic MQW modulator/co-cavity two-section optical bistable laser light source 43819
Wang Qiming *see* Qian Yi 19377
Wang Qingkang, Shi Changxin Investigation on photo-electronic response time of $In_{0.53}Ga_{0.47}As$ MSM photodetector 46423
Wang Qingyuan *see* Qingyuan Wang
Wang Qinhua *see* Qinhua Wang
Wang Qiping *see* Liu Yafang 11351
Wang Qiping *see* Rong Mingzhe 17117
Wang Qun *see* Liu Wei 43260
Wang Qun *see* Qun Wang
Wang Ququan, Da Xiaoyi Rainbow achromatic image holography of strip-distribution generated by grating 21095
Wang Ququan, Da Xiaoyi Double-slit aperture image plane intensity holography and its application 21114
Wang Ququan, Da Xiaoyi Theoretical analysis of synthetic slit in rainbow holography 29043
Wang Riwen *see* Tong Xiangqian 32508
Wang Ruey-Lue *see* Ruey-Lue Wang
Wang Ruo Peng *see* Ruo Peng Wang
Wang Ruopeng *see* Xing Qijiang 18211
Wang Ruozhen *see* Ruozhen Wang
Wang Shan *see* Borisov, L.A. 42137
Wang Shao-Ming *see* Shao-Ming Wang
Wang Shaoqing, Lin Weigan, Xue Lianjing Broadband and nonlinear characteristics of IMPATT amplifier 10436
Wang Shengbo *see* Guo Dahao 12074
Wang Shi-Fu *see* Shi-Fu Wang
Wang Shi-Kai, Liang Hong Elimination of helicoid silhouette double-value 31421
Wang Shi-Min, Liang Jian-Cheng, Chen Ji-Hong Development of an automatic measuring system for precision servovalve control-edge 31104
Wang Shiguang *see* Shiguang Wang
Wang Shih-Jen *see* Shih-Jen Wang
Wang Shikui, Tie Manxia Distributed multiplexing transmission bus communication simulation systems 45695
Wang Shiliang *see* Li Huifeng 15170
Wang Shimin *see* Shimin Wang
Wang Shitong Backward heuristic search algorithm BFAO for general AND/OR graph 33478
Wang Shiying *see* Deng Youman 24817
Wang Shiying *see* Li Bo 24779
Wang Show-Ru *see* Show-Ru Wang
Wang Shuhe *see* Liu Gengquan 46160
Wang Shui Jinn *see* Shui Jinn Wang
Wang Shui-Lai, Ma Yuan-Hao, Zhu Long-Bi Dynamic data processing system of engine moving parts 31137
Wang Shuicai *see* Shuicai Wang
Wang Shumin *see* Xing Qijiang 18211
Wang Shun-Yuan *see* Shun-Yuan Wang
Wang Shungquan *see* Lan Jixiang 25820
Wang Shuoqin, Zhu Zuhua Analysis and measurement on distribution of electric field in GaAs/AlGaAs lasers under different bias 28845
Wang Shutang *see* Yang Zhihong 15015
Wang Siming, Lu Zhaoyi The discussion of conservation law for token ring LAN with priority 22591
Wang Sing-Ping *see* Sing-Ping Wang
Wang Sitinh *see* Sitinh Wang
Wang Song *see* Song Wang
Wang Song, Q., Lee, M.C., Talbot, P., Cheng, L. Matrix-vector multiplication by using pinhole holograms 35533
Wang Song, Q., Talbot, P.J., Maurice, J.H. PLZT based high-efficiency electro-optic grating for optical switching 43547
Wang Su-Fua *see* Su-Fua Wang
Wang Sung-Yuen *see* Sung-Yuen Wang
Wang Sup Kim *see* Kyung Yong Kim 28293
Wang Suzhen *see* Suzhen Wang
Wang Tahui *see* Tahui Wang
Wang Tai-Ho *see* Tai-Ho Wang
Wang Tao *see* Zheng Fang 18309
Wang Tao *see* Tao Wang
Wang Tien-Ko *see* Tien-Ko Wang
Wang Ting-Chi *see* Ting-Chi Wang
Wang Tongbo *see* Tongbo Wang
Wang Way-Seen *see* Way-Seen Wang
Wang Wei-Jian *see* Wei-Jian Wang
Wang Wei-Ming *see* Wei-Ming Wang
Wang Weibing *see* Weibing Wang
Wang Weiguo *see* Weiguo Wang
Wang Weihang, Ye Runtao, Guo Miaoquan, Yu Zhiping Monte Carlo simulation of carrier nonsteady-state transport of GaAs device 28070
Wang Weijie *see* Guo Guangsheng 18323
Wang Weili, Wang Dehuang $KNbO_3$:Fe passive ring cavity phase conjugator 12359
Wang Weili, Wang Dehuang, Zheng Yinjan, Shen Dezhong, Tong Xiaolin Self-induced coherent light oscillations in $KNbO_3$:Fe 20972
Wang Weiyuan *see* Su Yi 27666
Wang Wen *see* Zhang Xiaobo 20884
Wang Wen-Cheng *see* Wen-Cheng Wang
Wang Wen-Chun *see* Wen-Chun Wang
Wang Wen-Yi *see* Ding Zhen-Liang 31087
Wang Wen-Yi *see* Zhou Yan-Zhou 31507
Wang Wen-Yi *see* Wen-Yi Wang
Wang Wen-zheng *see* Wen-zheng Wang
Wang Wenbing *see* Yin Wenyan 29237
Wang Wenbing *see* Yin Wenyan 44195
Wang Wenbing *see* Yin Wenyan 44329
Wang Wenbing *see* Yin Wenyan 44578
Wang Wenjie *see* Wenjie Wang
Wang Wenliang *see* Yu Wei 40085
Wang Wenlu *see* Wenlu Wang
Wang Wenwei Reliability design of electronic systems in EVs 48342
Wang Wenxiang *see* Wenxiang Wang
Wang Wenxin *see* Wenxin Wang
Wang Wenyao *see* Qiu Peihua 12319
Wang Wenyao *see* Wenyao Wang
Wang Xan *see* Xan Wang
Wang Xi-Wen, Chen Da-Xiu Development of online measurement system for grinding machining 31103
Wang Xian *see* Xian Wang
Wang Xiangming *see* Huang Dading 26442
Wang Xiangwu, Lu Chunyi, Zhao Zhongyong, Sun Jingshan, Wei Guangfu An investigation of the epitaxial material for 3 mm waveband Si DDR IMPATT diodes 10441
Wang Xianrong, Bao Liming, Liu Zhuo The study of ill-conditioned load flow using quasi-optimal factor in polar coordinates 47382
Wang Xianyi, Jiang Changyin Distribution of multipath time delay and Doppler shift for HF communication on ionospheric channels 36171
Wang Xiao-fang *see* Xiao-fang Wang
Wang Xiao-Tian *see* Chen Zhong-Min 11469
Wang Xiaohui, Tang Tingao, Zheng Dawei, Huang Yiping, Paz de Araujo, C.A. Simulation and analysis of kink effect in SOI/MOSFET 11197
Wang Xiaohui *see* Xiaohui Wang
Wang Xiaolu *see* Gan Deqiang 47404
Wang Xiaoping *see* Xiaoping Wang
Wang Xiaowei, Fu Chunbao, Zhang Jiangyuan, Liang Shuang, Wu Xuepu, Zhang Zhizhong Technique of CVL pulse broadening and influence of broadened pulse on amplification efficiency 28703
Wang Xifan *see* Gan Deqiang 47404
Wang Xifan *see* Xifan Wang
Wang Xin Mei *see* Xin Mei Wang
Wang Xinbang *see* Lan Ge 11921
Wang Xinbang *see* Xinbang Wang
Wang Xing *see* Li Xiaofeng 7738
Wang Xinglong *see* Ning Jiping 20705
Wang Xingren *see* Xingren Wang
Wang Xinmei *see* Li Yuanxing 12904
Wang Xinmei *see* Wu Chuankun 12903
Wang Xinshen *see* Tu Demin 16335
Wang Xinsheng, Tu Demin, Yang Huizhong Experimental verification of breakdown critical state for electrical ageing of polymer 11342
Wang Xinsheng *see* Tu Demin 11343
Wang Xiping *see* Xiping Wang
Wang Xue-Lun *see* Xue-Lun Wang
Wang Xue-Mei *see* Liao Nian-Zhao 38678
Wang Xue-Ping *see* Mo Zhi-Wen 528
Wang Xue-Sen *see* Xue-Sen Wang
Wang Xuemei *see* Wu Mingfang 1974
Wang Xuezhong *see* Liu Jizhou 11708
Wang Xuming *see* Qiu Xiaodong 29042
Wang Xun *see* Gong Dawei 23629
Wang Xun *see* Xun Wang
Wang Ya-Wei *see* Ya-Wei Wang
Wang Yafei, Yuan Jinghong, Chen Ruizheng, Mo Huade Harmonic technique analysis of scanning laser acoustic microscope 39416
Wang Yafei, Yuan Jinghong, Cheng Ruizheng 300 MHz scanning laser acoustic microscope 47292
Wang Yafei *see* Yafei Wang
Wang Yan *see* Yan Wang
Wang Yang *see* Gu Hui-Ping 38447
Wang Yang *see* Yang Wang
Wang Yangsheng, Malcolm, C. Recognition and localization of a cubically modular part with laser-stripe-based range data 29881
Wang Yangyuan *see* Cheng Yuhua 19723
Wang Yangyuan *see* Cheng Yuhua 19819
Wang Yangyuan *see* Cheng Yuhua 34942
Wang Yangyuan *see* Ma Pingxi 2473
Wang Yangyuan *see* Qian Gang 42741
Wang Yangyuan *see* Zhang Lichun 27562
Wang Yangyuan *see* Yangyuan Wang
Wang Yao *see* Yao Wang
Wang Yao-De, Peng Yan-Tai, Wei Wei The instantaneous harmonic compensation for magnetohydrodynamic power generation system 17407
Wang Yaoyu *see* Yu Yixin 7725
Wang Yaw-Juen *see* Yaw-Juen Wang
Wang Ye Heng *see* Ye Heng Wang
Wang Yeong-Cheng *see* Yeong-Cheng Wang
Wang Yeong-Her *see* Yeong-Her Wang
Wang Yi *see* Yuan Shun 8709
Wang Yi-Zhong *see* Yi-Zhong Wang
Wang Yicheng *see* Yicheng Wang
Wang Yingming *see* Zhang Guoqiang 1960
Wang Yingming *see* Zhang Guoqiang 42987
Wang Yinguan Switch-mode ultrasonic wave RF burst emission circuit 47304
Wang Yinming *see* Zhang Guoqiang 2527
Wang Yinsheng *see* Zhang Zhudan 1510
Wang Yiping *see* Huang Jiying 36172
Wang Yongbin *see* Shi Hongtao 11858
Wang Yongjiang *see* Yongjiang Wang
Wang Yongliang *see* Bao Zheng 14700
Wang Yongmei *see* Qian Gang 42741
Wang Yongrong, Sun Guongsheng, Feng Rongquing, Yan Ping Physical design of extinguishing arc fashion in HVDC breakers 17119
Wang Yongrong *see* Feng Rongqiong 17121
Wang Yongrong *see* Sun Guangshen 17120
Wang Yongrong *see* Yan Ping 17118
Wang Yu *see* Liu Yan-Bing 31190
Wang Yu *see* Pan Qijing 5556
Wang Yu *see* Pan Qijing 5559
Wang Yu *see* Wang Jingyi 18292
Wang Yu-Rong *see* Yan Yong 6773
Wang Yu-Zhi *see* Yu-Zhi Wang
Wang Yuan Small solutions of congruences 18033
Wang Yue *see* Yue Wang
Wang Yueming, Xu Jiasheng High speed pipelined multiplier using a modified domino adder 26773
Wang Yueming, Xu Jiasheng Radar moving target detection (MTD) ASIC design 46097
Wang Yuezhu, Cheng Deying, Ju Youlun, Wang Jun, Wang Qi, Ma Zuguang Experimental investigation of the backward coupling Raman cleanup 28774
Wang Yujun *see* Han Aimin 2515
Wang Yumin, Ma Fulong Hardware implementation of two-key scheme 12906
Wang Yun-Zhen *see* Yun-Zhen Wang
Wang YunYi *see* YunYi Wang
Wang Yunyong, Wang Linzhou, Sun Hansheng, Hu Tao, Xu Zhiqing, Xie Dong A new method of gas mixture preparation for nuclear detector use 46879
Wang Yuzhi *see* Huang Biao 11918
Wang Yuzhu *see* Yin Jianping 11866
Wang Zezhong *see* Yuan Zhiyong 47853
Wang Zhangqi, Sun Min Simulation of dynamic pressure and temperature in SF_6 self-blast-circuit-breaker 8710
Wang Zhanguo *see* Liang Jiben 41247
Wang Zhao *see* Wang Dayong 20507
Wang Zhao *see* Zhao Wang
Wang Zhaoan *see* Yang Jun 1018
Wang Zhaohua *see* Guo Chengming 41922
Wang Zhaomin, Li Cheng, Chen Hongfang, Xu Zizong Research on properties of localization in inclined MWPC with radial cathode strips using the induced charge center-of-gravity read-out 7262
Wang Zhen *see* Zhen Wang
Wang Zhen Hua *see* Zhen Hua Wang
Wang Zhencai An implementation of SCADA system based on Unix/Xenix environment in power system 16189

Wang Zheng, Li Deyu The modelling of large turbogenerator rotor for torsional vibration and its experimental verification 47828
Wang Zheng *see* Zheng Wang
Wang Zhenxi *see* Zhenxi Wang
Wang Zhi-Jian, Ye Miao-Yuan, Zhang Zhi-Peng Research of fiber-optic hydrogen sensor 38578
Wang Zhi-Liang *see* Zhi-Liang Wang
Wang Zhihua *see* Zhihua Wang
Wang Zhijiang *see* Qiu Peihua 12319
Wang Zhijiang *see* Xiao Gangyao 12031
Wang Zhijiang *see* Zhijiang Wang
Wang Zhijing *see* He Huijuan 21031
Wang Zhiquan, Li Jun The implementation of fuzzy control in high-speed, high-accuracy digital servo-system 8463
Wang Zhishan *see* Mao Yu 10634
Wang Zhiyan *see* Zhiyan Wang
Wang Zhong Highest transmission tower built in China 24979
Wang Zhong *see* Zhong Wang
Wang Zhongde *see* Zhongde Wang
Wang Zhongdong *see* Jin Xianhe 23875
Wang Zi Qian *see* Zi Qian Wang
Wang Zijiang *see* Xiao Gangyao 20392
Wang Zongchang *see* Ma Xiaocui 31327
Wang Zongpei *see* Tong Huai 47908
Wang Zongxin *see* Chu Youling 42456
Wang Zuguang Microprocessor-based feeder earth fault selecting device 47569
Wang Zuoying *see* Zhan Puming 21643
Wang Zuoying *see* Zhan Puming 44751
Wang-Chuang Kuo *see* Jih-Chen Chiang 10701
Wang-Daub Tseng *see* Kuochen Wang 41739
Wang-Yuan Shi *see* Shi Wang-Yuan
Wangler, R.J. *see* Goldstein, D.H. 32168
Wangler, T.P. High-brightness injectors for hadron colliders 31608
Wangler, T.P. Beam halo in high-intensity beams 46740
Wanhammar, L. *see* Nilsson, P. 42062
Wani, M.A., Batchelor, B.G. Acquisition of range images in an integrated vision system environment 6353
Wanke, E. Paths and cycles in finite periodic graphs 33482
Wanke, M. *see* Scott, J.S. 42854
Wankowicz, J.G., Pohl, Z. Self cleaning of long rod ceramic insulators applied to HV transmission lines under natural conditions 16400
Wann, H., Ko, P.K., Hu, C. A channel field model of SOI MOSFET 19880
Wann Chin-Der *see* Chin-Der Wann
Wann Ker-Chung *see* Ker-Chung Wann
Wann-Yih Guo *see* Yung-Kuang Chen 43430
Wannasuphoprasit, W. *see* Colgate, J.E. 29110
Wanninkhof, R.H. *see* Bliven, L.F. 7633
Wanman, H. *see* Agnelli, S. 14544
Wannow, K. Disturbances in medium-voltage networks with different neutral handling 16436
Wannow, K. Electromagnetic fields i indoor switchgear installations 25614
Wanru, Z. *see* Shiqiao, Z. 12103
Wanru Zhuang *see* Zhuang Wanru
Wansheng Liu *see* Liu Wansheng
Wansheng Su, Besieris, I.M., Riad, S.M. Supplement to "Velocity of an RF pulse signal propagating in a waveguide" 34215
Wanuga, S. *see* Ackerman, E. 5949
Wanuga, S. *see* Ackerman, E. 23033
Wanyong Juang, Qiyun Yin, Xiaomeng Lei General overview of electric power system operation and planning practices and problems in China 7801
Wanzenberg, R. *see* Balewski, K. 46775
Wanzenberg, R. *see* Weiland, T. 38772
Wanzenried, R. Structured board level simulation using Verilog 34032
Wanzhen Geng *see* Geng Wanzhen
Wanzhi Qiu *see* Qiu Wanzhi
Warabisako, M. *see* Nishinoiri, K. 48136
Warabisako, T. *see* Yamaguchi, M. 48137
Warashina, T. *see* Tanaka, K. 150
Warber, C.R., Field, E.C., Jr. A long wave TE/TM noise prediction model 4136
Warbrick, K. *see* Gibbon, M. 35489
Warbrick, K.J. *see* Wright, A.P. 3666
Warburton, P.A., Blamire, M.G. The role of epitaxy in superconducting tunnel junction detectors 20195
Warburton, P.A. *see* van Vechten, D. 24131
Warburton, R. *see* Merrett, R.P. 14085
Warchol, J. *see* Abbott, B. 7245
Warchter, D., Billard, T., Gogna, P. Properties of oxide-nitride-oxide staked films for gate insulation in active matrix displays 11231
Ward, B. *see* Stewart, D. 2316
Ward, C. *see* Abrahams, M. 33952
Ward, D.A. Measurement of current using Rogowski coils 16474
Ward, D.A. Do we need advanced humans? 39732
Ward, D.D. Mobile communications: compatibility with the vehicle environment 22888
Ward, J.R. The reality of object oriented solutions for ATE 6317
Ward, J.W. *see* Allery, M.N. 22954
Ward, K. The business dimension of engineering [telecommunications operating company] 5267
Ward, K.D. *see* Porter, N.J. 23129
Ward, M.O. *see* Wells, S.W. 5065
Ward, P. *see* O'Leary, A. 804
Ward, R.B. *see* Gregorwich, W. 47324
Ward, R.K. *see* Qiaobing Xie 29887
Ward, R.K. *see* Shi, P. 14811
Ward, R.L. Weight enumerators of more irreducible cyclic binary codes 36514
Ward, S. Standards: their relevance to scientific and technical information 22619
Ward, S. *see* Price, D.A. 5964
Ward, S. *see* Watson, R.M. 22624
Ward, S.M. A simplified financial model for automatic meter reading 32510
Ward, T. Frame relay: a new realism 30405
Ward, T.H. *see* Nettleton, D.H. 23626
Ward, V. *see* Thakur, R.P.S. 2671
Ward Seitz, C. Industrial battery technologies and markets 40442
Wardak, A.A., King, G.A., Rhodes, R.L. A microprogram-based 3-D image generation system using the Am29300 family 34106
Warde, C., Hubbard, J.E., Jr., Genetti, G., Lerman, L., Loizides, W. Membrane-mirror light valve for high-definition projection display 38618
Warde, C. *see* Mitchell, P.V. 3279
Wardeberg, J., Nyaas, K. The flexible tubular splice—a technique for manufacturing very long continuous submarine fibre optic cable, without diameter increase at the splice 6010
Wardenga, W. *see* Petersohn, U. 29684
Warder, M. *see* Chang, F.C. 9297
Wardi, Y. *see* Masood Ahmad, M. 32372
Wardlaw, M.J., Vanderlugt, A. Detection of short pulses by Fresnel preprocessing 36925
Wardle, D.G., Gibson, J.P., McGlynn, R.F. The present status of the Severn Barrage project studies 25264
Ware, K. *see* Zhang, X.-C. 28986
Ware, W.H. Policy considerations for data networks 45425
Warembourg, D.W. *see* Simon, W.A. 47667
Wargotz, W.B. Development of an alternate undersea armored cable protective coating compound 6009
Wargowski, D.A. *see* Beuhler, A.J. 3085
Waring, L.C., Rooney, N., Stewart, A., Fusco, V.F. The parallel computation of solutions to electrostatic problems using multigrid techniques 29261
Waring, T. *see* Herman, P. 28013
Waris, V.P. *see* Bialkowski, M.E. 18996
Waris, V.P. *see* Bialkowski, M.E. 27182
Wark, J.S., Key, M.H. High power laser physics in the United Kingdom 35644
Warke, N. *see* Khaparde, S.A. 16452
Warkup, C. *see* Swatland, H.J. 15045
Warlaumont, J. *see* Viswanathan, R. 26943
Warlaumont, J. *see* Viswanathan, R. 28274
Warm, A. *see* Adam, W. 7259
Warm, A. *see* Adam, W. 31715
Warm, A. *see* Adam, W. 46929
Warmack, R.J. *see* Lee, I. 19688
Warn, C. *see* Humphries, S., Jr. 46774
Warncke, H.H. Applications of the Philips PCA82C200 controller 30396
Warne, D. Power electronics R&D funded in the UK by SERC and DTI 33886
Warne, L.K. Eddy current power dissipation at sharp corners 42252
Warne, L.K. Eddy current power dissipation at sharp corners: transmission lines and local partition of the internal impedance of conductors 44478
Warne, L.K. *see* Chen, K.C. 4251
Warnecke, E. Disposal of radioactive waste - a complete overview 39866
Warnecke, H.-J. *see* Hummel, R. 426
Warnecke, H.-J. *see* Hummel, R. 428
Warner, D. *see* Amendola, G. 15300
Warner, E.S., Last, J.D., Everett, D., Linsdall, D.K. Split spread-spectrum technique for flexible use of frequency bands 46133
Warner, E.S., Mulgrew, B., Grant, P.M. Triple correlation analysis of *m*-sequences 12841
Warner, E.S., Mulgrew, B., Grant, P.M. Spread-spectrum PN-coded waveform detection for communications ESM 39442
Warner, H. *see* Georgeson, S. 24313
Warner, J. Engagement and speaker identification in communication support for synchronous teleworking: a potential use for GUIs 37614
Warner, J., Nielsen, H. A selection method for optimum combined cycle design 8209
Warner, K. *see* Zavracky, P.M. 19464
Warner, P. Electric motor management 16783
Warner, W.D., Leung, C. OFDM/FM frame synchronization for mobile radio data communication 5778
Warneryd, K. Cheap talk, coordination, and evolutionary stability 482
Warnock, J. *see* Chou, W.C. 42472
Warnock, J. *see* Coane, P. 2321
Warnock, J. *see* Cressler, J.D. 19982
Warnock, J. *see* Shahidi, G.G. 11305
Warnock, J.D. *see* Chuang, C.T. 10061
Warnock, J.D. *see* Kobeda, E. 11291
Warnock, J.D. *see* Shin, H.J. 34045
Warnock, J.D. *see* Toh, K.Y. 10138
Warnock, R.L. An integro-algebraic equation for high frequency wake fields in a tube with smoothly varying radius 46705
Warnock, R.L. *see* Berg, J.S. 46780
Warrant, J.C., Lepiece, M., Litka, T., Defloor, J. Return to upper plenum injection in Doel-1/-2 47663
Warren, G. *see* Rybacki, T. 14755
Warren, H.R. *see* Moore, J.E. 32038
Warren, J. *see* Hornung, S. 5629
Warren, J.W. *see* Huting, W.A. 1397
Warren, J.W. *see* Huting, W.A. 18951
Warren, J.W. *see* Besmann, T.M. *(editor)* 26020
Warren, P. Increasing reliability of flexing cables 34300
Warren, P. *see* Guldner, Y. 10726
Warren, R.E. Telephone service center call duration improvement 5414
Warren, R.E. *see* Gale, A.A. 6578
Warren, R.W. *see* Nguyen, D.C. 43972
Warren, R.W. *see* O'Shea, P.G. 12263
Warren, R.W. *see* O'Shea, P.G. 43968
Warren, S.W., Phifer, L.A. Enabling OSI CMISE via X/Open management APIs 45434
Warren, W.L., Shaneyfelt, M.R., Schwank, J.R., Fleetwood, D.M., Winokur, P.S., Devine, R.A.B., Maszara, W.P., McKitterick, J.B. Paramagnetic defect centers in BESOI and SIMOX buried oxides 34633
Warren, W.L. *see* Brinker, C.J. 11389
Warren, W.L. *see* Devine, R.A.B. 34645
Warren, W.L. *see* Gerrardi, G.J. 10884
Warren, W.L. *see* Tuttle, B.A. 28323
Warren, W.L. *see* Kanicki, J. *(editor)* 9152
Warrier, K.G.K. *see* Varma, H.K. 41498
Warrington, E.M., Jones, T.B. Studies of the propagation of low frequency (LF) radio waves 4132
Warris, J., Suleman, M., Mahmood, F., Ahmed, H. Kinetics of the formation of cobalt disilicide at high temperature under rapid electron beam heating 27796
Warschat, J., Marcial, F., Matthes, J. Optimization of sequences in indirect areas 7793
Warth, P.F. Implementation of a large digital routing system at the CBC broadcast centre 46186
Warthmann, W., Haschka, F., Benczur-Urmossy, G. FNC-Recom: new sealed, maintenance-free nickel-cadmium traction—batteries for electric vehicle applications 48249
Warwar, G. *see* Fattaruso, J.W. 33934
Warwar, G. *see* Fattaruso, J.W. 42004
Warwick, C.A. Toward giga-scale silicon integrated circuits 28247
Warwick, C.A., Ourmazd, A. Trends and limits in monolithic integration by increasing the die area 10794
Warwick, K., Yong Ho Kang Genetic algorithms for on-line system identification 41104
Wasaki, K., Fuwa, Y., Eguchi, M., Nakamura, Y. A self-recovering communication buffer based on the concept of cellular automaton 37246
Waschke, C., Leisching, P., Bolivar, P.H., Schwedler, R., Bruggemann, F., Roskos, H.G., Leo, K., Kurz, H., Kohler, K. Detection of Bloch oscillations in a semiconductor superlattice by time-resolved terahertz spectroscopy and degenerate four-wave mixing 44119
Wasem, O.J., Tsong-Ho Wu, Cardwell, R.H. Survivable SONET networks—design methodology 37174
Waser, R. *see* Klee, M. 9694
Washabaugh, A.P., Zahn, M. Charge density enhancement due to recirculatory flow 44228
Washabaugh, P.D. A precision six-load-component transducer: a design incorporating finite-length measurement paths 31483
Washburn, C. *see* Chen, B. 20026
Washburn, J. *see* Im, S. 766
Washburn, J. *see* Im, S. 10872
Washburn, J. *see* Lin, X.W. 19423
Washburn, J. *see* Lin, X.W. 27785
Washburn, J. *see* Piotrowska, A. 34846
Washburn, J. *see* Seongil Im 18137
Washima, M. *see* Kudo, M. 26408
Washino, F. *see* Kurano, M. 19169
Washino, S. *see* Shima, K. 33138
Washio, H. *see* Katsu, T. 24442
Washio, S. *see* Shinozaki, K. 16742
Washio, T., Kitamura, M. Adaptive microphone array technique for remote monitoring of components in nuclear power plants 47648
Washizawa, T. Application of Hopfield network to saccades 45132
Washizu, T. *see* Sakai, K. 25383
Washizuka, S. *see* Saito, Y. 2605
Washler, A. *see* Dowling, D. 39206
Wasierski, R.F. *see* Fazio, M.V. 19303
Wasik, D. *see* Dreszer, P. 42409
Wasilewski, Z. *see* Lu, Z.H. 27730
Wasilewski, Z.R. *see* Jianmeng Li 34591
Wasilewski, Z.R. *see* Liu, H.C. 23635
Wasilewski, Z.R. *see* Liu, H.C. 31211
Wasilewski, Z.R. *see* Liu, H.C. 46442
Wasilewski, Z.R. *see* Wilson, P.H. 6501
Wasinger, K. *see* Banck, J. 39848
Wasiucionek, M. *see* Momot, I. 42445
Waskiewicz, W.K. *see* Early, K. 27980
Waskiewicz, W.K. *see* MacDowell, A.A. 27832

Waskiewicz, W.K. *see* Tennant, D.M. 27823
Waskiewicz, W.K. *see* Tichenor, D.A. 27831
Wasko, K. *see* Becher, C. 384
Wasko, K. *see* Brooks, R. 10599
Wasse, F. *see* Fischer, K. 35465
Wassel, W.W. *see* Werner, C.L. 8047
Wassenaar, R.F. *see* Hogervorst, R. 41686
Wassener, H.-J. A small package integrated two band mixer-oscillator SI-IC 10022
Wassenhove, L.N.Van *see* Van Wassenhove, L.N.
Wasserman, E. *see* Fagan, P.J. 9804
Wasserman, P.D. Advanced methods in neural computing 40726
Wassink, R.J.Klein *see* Klein Wassink, R.J.
Wastie, R.L. *see* Foster, B. 31714
Wastling, M.A., Quarton, D.C., Schellin, T.E. Dynamic response of offshore wind turbines 40066
Wasywich, K.M. *see* Carter, T.J. 8087
Wasz, J.S. *see* Laribee, J.F. 30273
Watabe, A., Shimada, J., Sawada, R., Nakada, H. Mechaphotonics device technology 11890
Watabe, A., Tanabe, T., Murata, S., Katoh, K. Multi-beam read-verifying optical head for parallel recording 20277
Watabe, A. *see* Murata, S. 20873
Watabe, S. *see* Tadatomo, K. 26402
Watabu, K., Banba, N., Someya, J., Inamura, M., Iwanaga, H. Digital signal processing for color video printers 6194
Watada, M., Yanashima, K., Oishi, Y., Ebihara, D., Imachi, K. Improvement on dynamic characteristics of linear oscillatory actuator with exciting current control 39108
Watada, M. *see* Ebihara, D. 8724
Watada, M. *see* Ebihara, D. 21187
Watada, M. *see* Ebihara, D. 25620
Watada, M. *see* Ebihara, D. 39107
Watada, M. *see* Ebihara, D. 40274
Watada, M. *see* Ebihara, D. 47916
Watada, M. *see* Ebihara, D. 48368
Watada, M. *see* Ebihara, D. 48489
Watada, M. *see* Kim, H.J. 40630
Watakabe, Y. *see* Aoyama, S. 2360
Watakabe, Y. *see* Chiba, A. 27884
Watakabe, Y. *see* Fujino, T. 27955
Watakabe, Y. *see* Marumoto, K. 27856
Watanabe, A., Tanaka, A., Sukegawa, T. Growth of GaSb and GaInSb bulk alloy by solute-feeding CZ method 647
Watanabe, A. *see* Kawasaki, S. 44000
Watanabe, A. *see* Mori, H. 3139
Watanabe, A. *see* Negishi, H. 6555
Watanabe, A. *see* Sakamoto, K. 20930
Watanabe, A. *see* Sakamoto, K. 43982
Watanabe, D., Fukui, C., Nakata, Y. An expert system building tool for power systems 32362
Watanabe, D. *see* Haba, T. 7893
Watanabe, E., Ito, M., Murakoshi, N., Nishihara, A. A synthesis of variable wave digital filters 34181
Watanabe, E., Nakajima, N., Saito, T. Interpolated digital sinusoidal oscillators 1296
Watanabe, E., Nishihara, A. A synthesis of separable-denominator multidimensional digital lattice filters 18889
Watanabe, E., Tanahashi, T., Sugiyama, Y., Sugita, K., Seiriki, M. A 750 m/min elevator for the Landmark Tower Yokohama Building 8896
Watanabe, E. *see* Murakoshi, N. 1323
Watanabe, E. *see* Murakoshi, N. 18846
Watanabe, E. *see* Murakoshi, N. 27087
Watanabe, E. *see* Sugimoto, H. 40101
Watanabe, E. *see* Sugimoto, H. 40169
Watanabe, E.H. *see* Alves, J.E.R. 32390
Watanabe, G. *see* Tomita, M. 8311
Watanabe, H. Overview of cast multicrystalline silicon solar cells 25687
Watanabe, H., Matsui, S. Electron beam irradiation effects on Cl_2/GaAs 27697
Watanabe, H., Matsui, S. Low-damage electron-beam-assisted dry etching of GaAs and AlGaAs using electron cyclotron resonance plasma electron source 27747
Watanabe, H., Ochiai, Y., Matsui, S. Effects of electron-beam-assisted dry etching on optical and electrical properties 3319
Watanabe, H., Sugiura, E., Imoriya, T., Todokoro, Y., Inoue, M. Repair technique for phase-shifting masks using silicon-containing resist 34861
Watanabe, H., Todokoro, Y. Phase-shifting lithography: maskmaking and its application 27937
Watanabe, H. *see* Arimoto, S. 12177
Watanabe, H. *see* Arimoto, S. 20844
Watanabe, H. *see* Aritome, S. 41883
Watanabe, H. *see* Asahi, H. 33599
Watanabe, H. *see* Ida, S. 33343
Watanabe, H. *see* Ishitani, A. 18727
Watanabe, H. *see* Jozawa, H. 13491
Watanabe, H. *see* Jozawa, H. 36531
Watanabe, H. *see* Kageyama, K. 46873
Watanabe, H. *see* Kamikura, K. 29979
Watanabe, H. *see* Kawano, M. 30825
Watanabe, H. *see* Mihara, T. 19161
Watanabe, H. *see* Ochiai, Y. 27834
Watanabe, H. *see* Ogawa, Y. 48147
Watanabe, H. *see* Sugiura, E. 2269
Watanabe, H. *see* Sugiyama, M. 29552
Watanabe, H. *see* Takahashi, S. 38344
Watanabe, I. Communication status analysis method 14579
Watanabe, I., Kobayashi, H. Study on circuit quality degradation caused by optical fiber cable switching 5947
Watanabe, I. *see* Ishikawa, H. 5983
Watanabe, I. *see* Sakuyama, S. 34383
Watanabe, I. *see* Tsuji, M. 20537
Watanabe, I. *see* Tsuji, M. 35577
Watanabe, I. *see* Tsujino, J. 16088
Watanabe, I. *see* Umehara, T. 20145
Watanabe, I. *see* Yasui, Y. 6977
Watanabe, J.K. *see* Loechelt, G.H. 19515
Watanabe, K. Digital cellular systems technologies 5761
Watanabe, K. Increase in effective carrier lifetime of silicon at low carrier injection levels 42399
Watanabe, K. Performance characteristics of a slab RF-excited CO_2 laser 43712
Watanabe, K., Hanada, M., Okumura, Y., Fumelli, M., Jequier, F., Pamela, J. Cs effects in a large multi-ampere D^- ion source 38831
Watanabe, K., Hou, L. Incipient fault diagnosis of process with multiple causes via the macro-architecture of neural networks 26256
Watanabe, K., Iwamura, H., Yamamoto, Y. Effect of additive-pulse mode locking on an external-cavity surface-emitting InGaAs semiconductor laser 3585
Watanabe, K., Kaneko, T., Ohnuma, S. Temperature dependence of magnetic properties in Co-Pt, Fe-Pt and Cr-Pt permanent magnet alloys 35221
Watanabe, K., Yamazaki, H. Characterization of annealed heavily C-doped p^+-AlGaAs 19342
Watanabe, K. *see* Inoue, T. 38830
Watanabe, K. *see* Ishizaki, A. 25404
Watanabe, K. *see* Izawa, T. 18633
Watanabe, K. *see* Kobayashi, K. 31479
Watanabe, K. *see* Matsuno, M. 14928
Watanabe, K. *see* Minami, K. 19598
Watanabe, K. *see* Mizuno, M. 46699
Watanabe, K. *see* Ogawa, S. 1279
Watanabe, K. *see* Ogawa, S. 10218
Watanabe, K. *see* Ohhata, K. 10171
Watanabe, K. *see* Ohhata, K. 18731
Watanabe, K. *see* Okamoto, H. 46227
Watanabe, K. *see* Otani, K. 8966
Watanabe, K. *see* Pamela, J. 46734
Watanabe, K. *see* Saita, M. 34149
Watanabe, K. *see* Takamori, T. 12201
Watanabe, K. *see* Takinami, N. 16318
Watanabe, K. *see* Tamba, N. 34046
Watanabe, K. *see* Tomitori, M. 26414
Watanabe, K. *see* Xu, C.Q. 3782
Watanabe, K. *see* Yamaguchi, R. 17380
Watanabe, M. Improvement of the performance and durability of anode for direct methanol fuel cells 17291
Watanabe, M., Mukai, S., Matsubara, K., Yajima, H. Influence of interstripe gain on crosscoupled-mode operation in twin-stripe lasers 43842
Watanabe, M., Oshida, Y., Nakayama, Y., Funatsu, R., Inagaki, A., Fujii, A., Ninomiya, T. Shot leveling and focusing with interferometry for optical lithography of sub-half-micron LSI 27847
Watanabe, M., Rennie, J., Okajima, M., Hatakoshi, G. High temperature (77°C) operation of 634 nm InGaAlP multiquantum-well laser diodes with tensile-strained quantum wells 3627
Watanabe, M., Tanaka, T., Kato, T. Measures to prevent lightning faults on insulated 6.6 kV distribution lines 25031
Watanabe, M., Uchida, H., Shibata, M., Mochizuki, N., Amikura, K. High performance catalyzed-reaction layer for medium temperature operating solid oxide fuel cells 48104
Watanabe, M. *see* Dods, S.R.A. 35878
Watanabe, M. *see* Fujita, S. 33843
Watanabe, M. *see* Hatanaka, K. 46259
Watanabe, M. *see* Itoh, H. 5968
Watanabe, M. *see* Itoh, H. 11743
Watanabe, M. *see* Itoh, H. 11793
Watanabe, M. *see* Koops, H.W.P. 31470
Watanabe, M. *see* Mizushima, I. 42647
Watanabe, M. *see* Nadahara, S. 2009
Watanabe, M. *see* Nagata, T. 46488
Watanabe, M. *see* Nakai, T. 31836
Watanabe, M. *see* Otoki, Y. 2568
Watanabe, M. *see* Rennie, J. 12174
Watanabe, M. *see* Ryan, T. 20311
Watanabe, M. *see* Sadoh, T. 42675
Watanabe, M. *see* Saito, Y. 2605
Watanabe, M. *see* Seino, T. 20405
Watanabe, M. *see* Suemasu, T. 28086
Watanabe, M. *see* Takahashi, M. 8275
Watanabe, N. *see* Ishibashi, M. 15252
Watanabe, N. *see* Nakajima, J. 6165
Watanabe, N. *see* Takamoto, M. 6429
Watanabe, R., Kurosaki, M. Robust control of jet engines 7562
Watanabe, R. *see* Miura, O. 42316
Watanabe, S., Chikama, T. Highly efficient conversion and parametric gain of nondegenerate forward four-wave mixing in a singlemode fibre 28998
Watanabe, S., Chikama, T., Ishikawa, G., Terahara, T., Kuwahara, H. Compensation of pulse shape distortion due to chromatic dispersion and Kerr effect by optical phase conjugation 35331
Watanabe, S., Horiuchi, K., Ito, T. Stable hydride-structures on Si(111) surface in pure water 34716
Watanabe, S., Yoneyama, M. An ultrasonic 3D object recognition method based on the unified neural network theory 16082
Watanabe, S. *see* Hasegawa, T. 26920
Watanabe, S. *see* Hasegawa, T. 26952
Watanabe, S. *see* Katayama, T. 6901
Watanabe, S. *see* Motegi, K. 18421
Watanabe, S. *see* Nabekawa, Y. 20678
Watanabe, S. *see* Okada, T. 346
Watanabe, S. *see* Tanabe, T. 7062
Watanabe, S. *see* Watanabe, Y. 41898
Watanabe, S.-I. *see* Katayama, T. 15317
Watanabe, T. Computer aided design for LSI layout 19975
Watanabe, T. Continuous speech recognition 44781
Watanabe, T., Izaki, Y., Mugikura, Y., Abe, T., Saito, H., Matsuyama, T., Shimizu, T., Sato, S., Ogoshi, M. Molten carbonate fuel cell stack performance with gas recycling 25665
Watanabe, T., Kondou, K., Terauchi, N., Yamamoto, T. Control method of linear generator for Maglev vehicle 17539
Watanabe, T., Makino, Y., Ohtsuka, U., Akita, S., Hattori, T. A CMOS time-to-digital converter LSI with half-nanosecond resolution using a ring gate delay line 33135
Watanabe, T., Ogasa, M. Improvement of readhesive characteristics of electric motor vehicles by slip velocity feedback torque control 8920
Watanabe, T., Ogasa, M. Realization of anti-slip/slide control in railway motor vehicles by slip velocity feedback torque control 8953
Watanabe, T., Suzuki, K., Yokoyama, R., Tanba, S. Piecewise-linear approximation of discontinuous contour images based on clustering procedure 45036
Watanabe, T., Tao, X.T., Zhou, D., Shimoda, S., Usui, H., Sato, H., Miyata, S., Claude, C., Okamoto, Y. A novel phase-matching concept for polymer waveguides 44110
Watanabe, T., Utsumi, A., Mizoguchi, T., Takeuchi, K., Kuno, K., Akai, Y., Mizuno, K., Arai, T., Kikuchi, M. Development of laser angioplasty systems 31965
Watanabe, T. *see* Aizawa, T. 35439
Watanabe, T. *see* Anoda, Y. 16615
Watanabe, T. *see* Ebihara, D. 40274
Watanabe, T. *see* Ebihara, D. 47916
Watanabe, T. *see* Ebisu, T. 24041
Watanabe, T. *see* Fujiwara, S. 2314
Watanabe, T. *see* Hirai, K. 16576
Watanabe, T. *see* Hirasawa, S. 9215
Watanabe, T. *see* Inai, M. 9618
Watanabe, T. *see* Itoh, S. 6688
Watanabe, T. *see* Katayama, T. 6901
Watanabe, T. *see* Katayama, T. 15317
Watanabe, T. *see* Katsumata, M. 30355
Watanabe, T. *see* Kusaba, R. 2662
Watanabe, T. *see* Kuwata, T. 33758
Watanabe, T. *see* Lovell, D.R. 10750
Watanabe, T. *see* Makishi, Y. 31837
Watanabe, T. *see* Matsuura, I. 35336
Watanabe, T. *see* Nagata, H. 27885
Watanabe, T. *see* Nakahara, H. 31838
Watanabe, T. *see* Nakajima, K. 10056
Watanabe, T. *see* Ohsawa, M. 38256
Watanabe, T. *see* Oizumi, H. 27855
Watanabe, T. *see* Okuno, S. 31839
Watanabe, T. *see* Shimomura, S. 41347
Watanabe, T. *see* Shinoda, K. 44788
Watanabe, T. *see* Takanami, I. 41987
Watanabe, T. *see* Tanabe, T. 7062
Watanabe, T. *see* Tanaka, T. 11099
Watanabe, T. *see* Yamamoto, T. 10686
Watanabe, W. *see* Tomeoka, H. 24642
Watanabe, Y. Sliding contact characteristics between self-lubricating composite materials and copper 1674
Watanabe, Y. Fiber optic field bus system FFI 15044
Watanabe, Y. Analysis of lead-peaked ballast characteristics by the equivalent circuit model 17590
Watanabe, Y., Maeda, F., Oshima, M. Initial stages of InAs deposition on SrF_2-coated $EuBa_2Cu_3O_{7-\delta}$ thin-film superconductors 9624
Watanabe, Y., Murayama, S. Cathode fall characteristics of fluorescent lamps under high-frequency operation 8962
Watanabe, Y., Nakamura, N., Watanabe, S. Offset compensating bit-line sensing scheme for high density DRAM's 41898
Watanabe, Y., Nakasha, Y., Kato, Y., Odani, K., Abe, M. A 9.6-Gb/s HEMT ATM switch LSI with event-controlled FIFO 5664
Watanabe, Y., Scimeca, T., Maeda, F., Oshima, M. Selective, maskless growth of InSb on selenium-treated GaAs by molecular beam epitaxy 41315
Watanabe, Y. *see* Endo, F. 11191
Watanabe, Y. *see* Gao, Y. 6847
Watanabe, Y. *see* Harada, N. 10097
Watanabe, Y. *see* Kawamoto, S. 23718
Watanabe, Y. *see* Morita, T. 2763

Watanabe, Y. *see* Muramatsu, Y. 46714
Watanabe, Y. *see* Prabhakaran, K. 42729
Watanabe, Y. *see* Scimeca, T. 2144
Watanabe, Y. *see* Sekimoto, H. 20093
Watanabe, Y. *see* Yoshikawa, T. 1338
Watanabe, Y. *see* Yoshino, K. 34207
Watanabe, Y.C. *see* Kamejima, K. 4957
Watanuki, N. *see* Tsukada, Y. 19276
Watanuki, T. *see* Mizobuchi, Y. 11984
Watarai, A. *see* Yamada, H. 15921
Watarai, K. *see* Yonemoto, R. 18710
Watase, Y. *see* Fukushima, Y. 15662
Watase, Y. *see* Korhonen, T. 15644
Watase, Y. *see* Korhonen, T. 38925
Watauchi, S. *see* Kametani, H. 10764
Watauchi, S. *see* Uedono, A. 19471
Wataya, Y. *see* Ohki, H. 15075
Waterhouse, R.B. A novel technique for increasing the scanning range of infinite arrays of microstrip patches 29372
Waterhouse, R.B., Shuley, N.V. Tunable probe-fed microstrip rectangular patch antennas using Schottky-barrier diodes 12760
Waterhouse, R.B., Shuley, N.V. Scan performance of infinite arrays of microstrip patch elements loaded with varactor diodes 29387
Waterman, J.R. *see* Bennett, B.R. 41350
Waterman, M.G., Hartanto, V.F., Sirisena, H.R. Voice traffic control in B-ISDN 37574
Waterman Foss, E. Yellow pages on CD-ROM: a survey of three contemporary products 22463
Waters, A.K. Low cost of EMC measurement during design 4155
Waters, M., Sandler, M.B. Digital filter design using weighted least squares techniques 42052
Waters, R., Dickson, B., Branst, L. Today's laser technology enhances failure analysis 36081
Waters, R. *see* Baumann, J. 20839
Waters, R.G. *see* Baumann, J.A. 41303
Waters, R.G. *see* Yellen, S.L. 12199
Waters, R.T. *see* Bouziane, A. 46342
Waters, W. *see* Martin, E.A. 34971
Waterson, C., Jenkins, B.K. Shared-memory optical/electronic computer: architecture and control 43581
Waterson, C., Jenkins, B.K. Passive optical interconnection network employing a shuffle-exchange topology 43582
Waterworth, M.D. *see* Critchley, S. 47039
Waterworth, M.D. *see* Mal'tsev, V.A. 43367
Watke, C.M. *see* Gerth, W.A. 15844
Watkins, B. *see* Davison, D. 31709
Watkins, C. *see* Clippingdale, A.J. 31964
Watkins, C.M. *see* Grover, R.L. 8170
Watkins, D.C., Bramer, L.M. Evaluation of the error in automatic measurement of interlevel alignment 15207
Watkins, D.S. *see* Haag, J.B. 597
Watkins, D.S. *see* Huff, J.R. 40071
Watkins, J. *see* Karacaoglu, U. 29330
Watkins, K.M. The integration of AC drive technology to Amtrak's passenger locomotives 48371
Watkins, L.R., Zhou, Y.R. Modelling and anaylsis of propagation in optical fibres using wavelets 29263
Watkins, L.R. *see* Le Bihan, J. 13268
Watkins, L.R. *see* Zhou, Y.R. 5935
Watkins, M.J. *see* Hattangady, S. 2174
Watkins, M.J. *see* Hattangady, S. 27690
Watkins, R.D. *see* Hardy, C.J. 7372
Watkins, S.P., Ares, R., Masut, R.A., Tran, C.A., Brebner, J.L. Strain effects in high-purity InP epilayers grown on slightly mismatched substrates 33645
Watkins, T.W. *see* Murakami, L.W. 25074
Watkins, W.R., Bean, B.L., Munding, P.D. Large area thermal target board: a new design 38522
Watnick, M., Ianniello, J.W. Airport Movement Area Safety System 39325
Watson, A., Nelson, B. LADDIS: a multi-vendor and vendor-neutral SPEC NFS benchmark 5551
Watson, A. *see* Eisenhandler, E. 15665
Watson, A. *see* Ellis, N. 38927
Watson, A.A. *see* Beaman, J. 15641
Watson, A.B. Visually optimal DCT quantization matrices for individual images 4840
Watson, A.B. DCT quantization matrices visually optimized for individual images 22082
Watson, A.B. *see* Peterson, H.A. 22081
Watson, A.P., Attenborough, K., Heap, N.W. Assessing the subjective impact of loudspeaker response errors 47294
Watson, B., Ah Chung Tsoi Second order Hidden markov models for speech recognition 4564
Watson, B. *see* Booth, I. 13044
Watson, B. *see* Booth, I. 29519
Watson, B. *see* Downs, T. 4552
Watson, B.D. *see* Shrimpton, D. 13040
Watson, C.D., Humphreys, D.A., Wilson, M.G.F. Calibration of optical modulators by optical down-conversion 11669
Watson, C.I., Andreae, J.H. A test to assess the remedial worth of a computer-based speech therapy aid 7491
Watson, D.M., Guptill, M.T., Huffman, J.E., Krabach, T.N., Raines, S.N., Satyapal, S. Germanium blocked-impurity-band detector arrays: unpassivated devices with bulk substrates 15025
Watson, D.P. *see* Ries, M.D. 34386
Watson, E.A. Analysis of beam steering with decentered microlens arrays 14708
Watson, E.A. *see* McManamon, P.F. 11699
Watson, E.J. *see* Bee, C.P. 38899
Watson, G., Horton, W., Staples, E. Portable detection system for illicit materials based on SAW resonators 15103
Watson, G. *see* Dalton, C. 5473
Watson, G. *see* Gray, J.E. 13378
Watson, G.A., Blair, W.D. Interacting acceleration compensation algorithm for tracking maneuvering targets 23133
Watson, G.A., Blair, W.D. Tracking maneuvering targets with multiple sensors using the interacting multiple model algorithm 29633
Watson, G.A., Blair, W.D. Multiple model estimation for control of a phased array radar 30878
Watson, G.A. *see* Blair, W.D. 29637
Watson, G.P., Fitzgerald, E.A., Jalali, B., Xie, Y.-H., Weir, B., Feldman, L.C. Correlation between defect density and process variables in step-graded, relaxed $Si_{0.7}Ge_{0.3}$ grown on Si by RTCVD 711
Watson, G.P., Fitzgerald, E.A., Ya-Hong Xie, Monroe, D. Relaxed, low threading defect density $Si_{0.7}Ge_{0.3}$ epitaxial layers grown on Si by rapid thermal chemical vapor deposition 18222
Watson, G.P. *see* Xie, Y.H. 1915
Watson, G.W., Ketchpel, R.D., Staples, E.J. Thermal conductivity gas sensor based on $LiNbO_3$ SAW resonators 6671
Watson, J. High-precision measurement by holograммetry 12417
Watson, J. *see* Binfield, P. 12473
Watson, J.G. *see* Prewett, P.D. 19682
Watson, J.G. *see* Prewett, P.D. 27921
Watson, J.G. *see* Prewett, P.D. 28008
Watson, J.M., Hu, F.Q., Page, M., Payne, P.A. A fast opto-acoustic-pneumatic converter for benign and immune actuation 43565
Watson, K. *see* Fernando, S. 16429
Watson, L.T. *see* McQuain, W.D. 41573
Watson, N. Fiber optic return transmitters for CATV applications 14809
Watson, N.R. *see* Arrillaga, J. 32907
Watson, N.R. *see* Zavahir, J.M. 24898
Watson, N.R. *see* Zavahir, J.M. 47479
Watson, P.A., Hu, Y.F. Prediction of attenuation on Earth-space path links for millimetre-wave satellite communications systems operating with low fade-margins 36192
Watson, P.A. *see* Jones, S.M.R. 22792
Watson, P.A. *see* Jones, S.M.R. 22920
Watson, P.A. *see* Papatsoris, A.D. 12595
Watson, P.A. *see* Papatsoris, A.D. 21243
Watson, R.M., Ward, S. Prioritization in FDDI networks 22624
Watson, S. *see* Arrillaga, J. 32907
Watson, S. *see* Gesley, M. 27869
Watson, T., Bershad, B.N. Local area mobile computing on stock hardware and mostly stock software 22568
Watson, W.A., III *see* Votava, M. 46324
Watt, B. *see* Knight, D.G. 18152
Watt, D.E. *see* Saion, E.A. 47148
Watt, D.W. *see* Gross, T.S. 42286
Watt, G.C., Evans, P.J. A trigger power supply for vacuum arc ion sources 40346
Watt, L.J. *see* Middleton, P.B. 98
Watt, M. *see* Sotomayor Torres, C.M. 42487
Watt, R. *see* Abe, K. 15619
Watt, R.C., Maslana, E.S., Mylrea, K.C. Alarms and anesthesia: challenges in design of intelligent systems for patient monitoring 39084
Watt, R.G. *see* Harris, D.B. 3422
Watt, V.H.C. *see* Soderstrand, M.A. 42045
Watte, J., Wuyts, K., Silverans, R.E., Van Hove, M., Van Rossum, M. A combined X-ray diffraction and Raman analysis of Ni/Au/Te-ohmic contacts to n-GaAs 34597
Watte, J. *see* Silverans, R.E. 19438
Wattenbarger, B.L., Garberg, R.B., Halpern, E.S., Lively, B.L. Serving customers with automatic speech recognition—human-factors 21666
Watterson, J.L. *see* Chu, M.T. 592
Watterson, P.A. Comparison of first and second harmonic drive in high pole number permanent magnet motors 40565
Wattinne, P. *see* Meauzoone, L. 47719
Watton, R., Dennis, P.N.J., Gillham, J.P., Manning, P.A., Perkins, M.C.J., Todd, M.A. IR bolometer arrays; the route to uncooled, affordable thermal imaging 31282
Watts, B., Van Dyke, J., Sr. An automated vibration-based expert diagnostic system 23419
Watts, B.E. *see* Vazquez, M. 43283
Watts, D.Y. *see* Wallis, R.H. 10510
Watts, G. *see* Amidei, D. 46890
Watts, G. *see* Tkaczyk, S. 46989
Watts, P.M. *see* Rowe, D.P. 43705
Watts, R. *see* Gutman, G. 28582
Watts, R.K., Lee, J.T.C. Tenth-micron polysilicon thin-film transistors 19838
Watts, S.J. *see* Robbins, M.S. 38864
Watts, W. *see* Alarie, J.P. 6681
Watts, W.Dan *see* Dan Watts, W.
Waud, K. *see* Brandenburger, G. 7405
Waudby, P. *see* Pettigrew, R.D. 32515
Waugh, A., Lloyd, M. ArchieDSA: accessing networked resources via X.500 14240
Waugh, R.M. *see* Waugh, R.W. 30647
Waugh, R.W., Waugh, R.M. SPDT switch serves PCN applications 30647
Waurick, G. *see* Bencze, G.L. 38858
Wauters, N., Vercauteren, D., Demeester, P., Lagasse, P., Depovere, G., Hooijmans, P. Introduction in SDH-networks of reconfigurable nodes using optical frequency division multiplexing 38098
Wauters, N. *see* Depovere, G. 30858
Wautier, A., Dany, J.-C., Mourot, C. Phase-correcting filter for sub-optimal equalizers 45838
Waveren, A.van *see* van Waveren, A.
Wavering, A.J., Lumia, R. Predictive visual tracking 4981
Wavre, J.J. *see* Kraehenbuehl, F. 7957
Wawer, W. *see* Klessmann, H. 47010
Waxer, L. *see* Sweetser, J.N. 20810
Waxman, A.M., Seibert, M., Bernardon, A.M., Fay, D.A. Neural systems for automatic target learning and recognition 7684
Waxman, S. *see* Cory, H. 12679
Way, J. *see* Schier, M. 47236
Way, W.I. Optical fiber-based microcellular systems: an overview 14509
Way Kuo *see* Jackman, J. 38715
Way-Seen Wang *see* Pei-Kuen Wei 43458
Way-Seen Wang *see* Pei-Kuen Wei 43459
Way-Seen Wang *see* Pei-Kuen Wei 43503
Way-Seen Wang *see* Wei-Ching Chuang 3120
Wayman, J.L., Libert, J.M., Tien-Ren Tsao Target detection using image motion error measure 5086
Wayman, J.L., Munno, C.J., Libert, J.M., Tien-Ren Tsao A rapid method for target motion detection using the spatio-temporal constraint equation 5089
Wayne, M. *see* Abbott, B. 7245
Wayne, M. *see* Abbott, B. 31776
Wayner, P.C. Content-addressable search engines and DES-like systems 21547
Waysand, G. *see* Collar, J.I. 24047
Waysand, G. *see* Girard, T.A. 24043
Waysand, G. *see* Girard, T.A. 24045
Waysand, G. *see* Heres, O. 24040
Waysand, G. *see* Jeudy, V. 20187
Waysand, G. *see* Limagne, D. 24044
We Wanchun *see* Zeng Xuegang 34234
Weager, B. NAMAS-approved flowmetering 23514
Weaire, D. *see* Morgan, G.J. 34536
Wearden, T. *see* Smith, D. 14817
Weatherford, T. *see* McMorrow, D. 34924
Weatherford, T.R., McDonald, P.T., Campbell, A.B., Langworthy, J.B. SEU rate prediction and measurement of GaAs SRAMs onboard the CRRES satellite 39239
Weatherford, T.R., McMorrow, D., Curtice, W.R., Campbell, A.B., Knudson, A.R. Examination of the SEU sensitivity of GaAs MESFETs via 2-D computer simulation and picosecond charge collection experiments 43005
Weatherford, T.R., McMorrow, D., Curtice, W.R., Knudson, A.R., Campbell, A.B. Single event induced charge transport modeling of GaAs MESFETs 35030
Weatherford, T.R. *see* Cutchin, J.H. 34064
Weatherford, T.R. *see* Xapsos, M.A. 34068
Weatherley, J.W. *see* MacDonald, D.S. 16416
Weatherley, L.R. Electrically enhanced mass transfer 25954
Weatherly, G.C. *see* Dynna, M. 33656
Weaver, A.C. The Xpress transfer protocol 22356
Weaver, A.C. High speed communication for distributed applications 37486
Weaver, A.C., Simoncic, R. Computer communications for factory automation 14245
Weaver, B.D. *see* Shaw, G.J. 35029
Weaver, E.T., Ahmad, R., Halsall, F. Performance evaluation of DQDB with bandwidth balancing and multi-priority traffic 5502
Weaver, J. *see* Olson, T. 24229
Weaver, J.B. *see* Healy, D.M., Jr. 15828
Weaver, J.B. *see* Lu, J. 13329
Weaver, J.B. *see* Lu, J. 13666
Weaver, J.H. *see* Luo, Y.S. 34849
Weaver, J.H. *see* Patrin, J.C. 27710
Weaver, L.S. *see* Anderson, G. 38901
Weaver, M.J. In-situ infrared spectroscopy as a probe of adsorption and electrocatalytic oxidation at transition metals in [fuel cells] 17300
Weaver, R. *see* Magotra, N. 31980
Weaver, T.L., Clemans, C.L., Clark, C.F., Myers, W.E. United States research initiatives on enhancing the nation's transmission capacity 47456
Weaving, J.S. *see* Orchard, S.W. 33005
Webb, A. Value engineering. II 9202
Webb, A.P. *see* Sahafi, H.F. 42722
Webb, C. *see* La Rue, R.A. 34272
Webb, C.E. *see* Fletcher, J.H. 35698
Webb, D.B., Michielssen, E., Mittra, R. Single and double square-loop frequency-selective surfaces with thick metallization 21227
Webb, D.C. Status of ferrite technology in the United States 2855
Webb, D.J. *see* Bao, X. 6516
Webb, D.J. *see* Bao, X. 23687

Webb, D.J. *see* Bao, X. 31248
Webb, D.J. *see* Risk, W.P. 12220
Webb, D.J. *see* Tang, W.C. 28827
Webb, D.J. *see* Unger, P. 12178
Webb, D.J. *see* Vettiger, P. 3641
Webb, D.P. *see* Main, C. 35561
Webb, G.A.M. *see* Clarke, R.H. 7506
Webb, J. Measurements around the world [cable TV instrumentation] 38313
Webb, J.B., Yousefi, G.H., Khanna, S.M. Structure of the U-band in neutron irradiated MOVPE grown N-GaAs epilayers 10663
Webb, J.B. *see* Landheer, D. 42717
Webb, J.E. *see* Hill, A.V. 2352
Webb, J.P., Forghani, B. The low-frequency performance of H-ϕ and T-Ω methods using edge elements for 3D eddy current problems 44247
Webb, J.P. *see* Dillon, B.M. 44534
Webb, J.P. *see* Dillon, M.B. 4217
Webb, J.S. *see* Chhiu-Tsu Lin 33686
Webb, K.J. *see* Carin, L. 4208
Webb, K.J. *see* Lyle, R.P. 35495
Webb, M. *see* Crook, D. 35051
Webb, P. *see* Wykes, C. 47301
Webb, P.J. *see* Stones, R.H. 46662
Webb, R. *see* David, A. 31691
Webb, R.H., Hughes, G.W. Detectors for scanning video imagers 23573
Webb, R.L. *see* Jaber, M.H. 32732
Webb, R.P. *see* Geatches, R.M. 34614
Webb, R.P. *see* Hammiche, A. 14996
Webb, S. Broadcast graphics for the BBC 23257
Webb, S. The effect on tumour control probability of varying the setting of a multileaf collimator with respect to the planning target volume 31978
Webb, W. *see* Hanzo, L. 22803
Webb, W.T., Williams, J.E.B., Steele, R. Microcellular teletraffic levels 22893
Webb, W.T. *see* Lin, X. 45792
Webb, W.W. *see* Strickler, J.H. 11572
Webber, D. *see* Dumlugol, D. 41580
Webber, M. *see* Ashton, C. 14552
Webber, R.C. *see* Mestha, L.K. 7093
Weber, A., Bringmann, U., Schiffmann, K., Klages, C.-P. Influence of a RF plasma on the nucleation of aluminium using N-trimethylamine-alane (TMAA) as precursor 41476
Weber, A., Nikulski, R., Klages, C.-P., Gross, M.E., Brown, W.L., Dons, E., Charatan, R.M. Low temperature deposition of TiN using tetrakis (dimethylamido)-Titanium in an electron cyclotron resonance plasma process 42754
Weber, A., Sutter, P., von Kanel, H. Amorphous Zn_3P_2 thin films grown by reactive RF sputtering 33718
Weber, B.L., Wuertz, D.B., Welsh, D.C., McPeek, R. Quality controls for profiler measurements of winds and RASS temperatures 7615
Weber, C.R. *see* Pandit, S.M. 45213
Weber, D.M. A cost effective fingerprint verification algorithm for commercial applications 13831
Weber, E., Hubner, K., Pavone, D., Schulz, R., Wiggers, H. Development results from pressurized pulverized fuel firing 39916
Weber, E. *see* Piotrowska, A. 34846
Weber, E. *see* Witt, G.L. *(editor)* 68
Weber, E.R., Bailey, J. Transition metal gettering in poly-silicon for photovoltaic applications 19483
Weber, E.R. *see* Claverie, A. 19517
Weber, E.R. *see* Dreszer, P. 42409
Weber, E.R. *see* Fujioka, H. 34892
Weber, E.R. *see* Jager, N.D. 34891
Weber, E.R. *see* Kirscht, F.-G. 2006
Weber, E.R. *see* Lin, X.W. 19423
Weber, E.R. *see* Namavar, F. 34675
Weber, E.R. *see* Phatak, P. 1935
Weber, E.R. *see* Werner, P. 34511
Weber, E.V. *see* Pfeiffer, H.C. 27908
Weber, G., de Paula, A.M. Carrier capture processes in GaAs-AlGaAs quantum wells due to emission of confined phonons 10661
Weber, G.F. *see* Claussen, R.L. 8127
Weber, G.R. *see* Boone, T. 34708
Weber, H. *see* Hodgson, N. 12274
Weber, H. *see* Hodgson, N. 28776
Weber, H.G. *see* Ehrhardt, A. 22306
Weber, H.G. *see* Eiselt, M. 3846
Weber, H.G. *see* Eiselt, M. 5668
Weber, H.G. *see* Eiselt, M. 28875
Weber, H.G. *see* Pieper, W. 43377
Weber, H.G. *see* Schnabel, R. 11769
Weber, H.G. *see* Schnabel, R. 29022
Weber, H.G. *see* Schnabel, R. 38076
Weber, H.G. *see* Schnabel, R. 38128
Weber, H.P. *see* Frauchiger, J. 20720
Weber, H.P. *see* Konz, F. 3570
Weber, H.P. *see* Morris, P.J. 3618
Weber, H.P. *see* Morris, P.J. 20693
Weber, H.P. *see* Schutz, J. 43420
Weber, H.P. *see* Schutz, J. 44133
Weber, J. *see* Bever, T. 19509
Weber, J. *see* Bohne, D.I. 10646
Weber, J. *see* Brandt, M.S. 3367
Weber, J. *see* Dutz, H. 31657
Weber, J. *see* Gladkov, P. 9621
Weber, J. *see* Hartmann, K. 46505
Weber, J. *see* Scholz, F. 9588
Weber, J.-P. Spectral characteristics of coupled-waveguide Bragg-reflection tunable optical filter 3285
Weber, J.-P., Stoltz, B., Dasler, M., Koek, B. Four-channel tunable optical notch filter using InGaAsP/InP reflection gratings 38077
Weber, J.H., Abdel-Ghaffer, K.A.S. Cascading runlength-limited sequences 44682
Weber, J.H., Kaag, G.H. A construction method for systematic codes correcting/detecting asymmetric errors 12873
Weber, J.H. *see* Barnard, H.J. 30081
Weber, J.H. *see* van der Vleuten, R.J. 12879
Weber, J.H. *see* van der Vleuten, R.J. 22008
Weber, J.H. *see* van der Vleuten, R.J. 36585
Weber, J.K.R., Hampton, D.S., Merkley, D.R., Rey, C.A., Zatarski, M.M., Nordine, P.C. Aero-acoustic levitation: a method for containerless liquid-phase processing at high temperatures 39426
Weber, J.P. *see* Wailes, T.S. 30394
Weber, M. *see* Asoka-kumar, P. 23994
Weber, M. *see* Koops, H.W.P. 27916
Weber, M. *see* Kretz, J. 33692
Weber, M. *see* Sarstedt, M. 15329
Weber, M.E. *see* Nguyen, D.C. 43972
Weber, M.E. *see* St Pierre, R.J. 20712
Weber, N. *see* Carlson, P. 46906
Weber, N. *see* Mayer-Kress, G. 31082
Weber, P., Scarlett, P., Eatock, B. ECCM signal processor for space-based radar 23198
Weber, P. *see* Oldendorf, M. 24246
Weber, P.M. *see* Kyunghwan Oh 35761
Weber, R. The sodium 'steam engine', a clean source of electricity. Sodium concentration cell converts solar or fuel heat directly into electricity 8783
Weber, R. Air/water heat pumps improved by speed regulation 8984
Weber, R. Towards comfortable office air conditioning 33152
Weber, R., Fidorra, F., Hamacher, M., Heidrich, H., Jacumeit, G. Multi fiber/chip coupling and optoelectronic integrated circuit packaging based on flip chip bonding techniques 3376
Weber, R., Kelly, J. Business reengineering—with the customer in mind 22436
Weber, R., Muller, R., Skorupa, W. Precipitation studies in oxygen- and nitrogen-rich silicon formed by high dose implantation 34674
Weber, R. *see* Wysocki, T., Jr. 21509
Weber, R.A. *see* Shor, J.S. 10747
Weber, R.A. *see* Shor, J.S. 34848
Weber, R.J., Huisinga, R., Ripley, D. A microwave oscillator S-parameter design procedure for loop oscillators 19044
Weber, R.J. *see* Campbell, C.F. 11402
Weber, R.J. *see* Sandage, R.W. 22807
Weber, T. *see* Abe, K. 15619
Weber, Th. *see* Stenzel, J. 32889
Weber, W. *see* Frohlingsdorf, G. 22866
Weber, W.H. *see* Rimai, L. 864
Weber, W.J., III, Gray, V.W., Jackson, B., Steele, L.C. A systems approach to the commercialization of space communications technology: the NASA/JPL Mobile Satellite Program 30686
Webers, G.A., Delhez, J.L., Botman, J.I.M., Hagedoorn, H.L., Kleeven, W.J.G.M., Timmermans, C.J. Overview of the magnet design for the TEUFEL microtron 15537
Webers, G.A. *see* Boling Xi 15556
Webers, G.A. *see* Kleeven, W.J.G.M. 7057
Webster, A. *see* O'Shaughnessy, K. 47008
Webster, A. *see* Ziock, H.-J. 46885
Webster, A.A., Jones, C.T., Pinson, M.H., Voran, S.D., Wolf, S. An objective video quality assessment system based on human perception 23297
Webster, A.R. *see* Rana, D. 36195
Webster, D.R. *see* Anand, V. 41569
Webster, G.R. *see* Knight, R.H. 8384
Webster, J.G. Instructional objectives and bench examinations in circuits laboratories 33284
Webster, J.G. *see* Pallas-Areny, R. 24271
Webster, J.G. *see* Pallas-Areny, R. 24272
Webster, K., Haben, M., Dowell, J., Homer, J., Hattersley, P., Kenyon, I. Evaluation of $LiNbO_3$ optical amplitude modulators for use in analogue electro-optic readout links from HEP particle detectors 31792
Webster, M. *see* Grajew, G. 37613
Webster, M.A., Austin, M.W. Fabrication of high-speed intensity modulators in lithium niobate 35496
Webster, M.N., Tuinhout, A., Lochel, B., Verbruggen, A.H., Romijn, J., van der Drift, E., Radelaar, S., Jos, H.F.F., Moors, P.M.A. Metallization of submicron microwave bipolar transistors by electroplating 27257
Webster, R. *see* Ngo, K.D.T. 26698
Webster, R.T. *see* Slobodnik, A.J., Jr. 33906
Webster, S., Fankhauser, E., Chen, K., Francis, J., Ioszef, E., Rosati, T., Ridpath, I., Moore, P. A new chip set for proposed SMPTE standard SMPTE 259M—serial digital interface 1297
Webster, S. *see* Saraby-Reintjes, A. 9673
Wechsler, B.A. *see* Kukhtarev, N. 21101
Wechsler, H. *see* Bala, J. 22129
Wecht, K.W. *see* Chen, Y.K. 28487
Weck, J.P.De *see* De Weck, J.P.
Weck, K.-H. Reliability of overvoltage surge arresters 8007
Weck, K.-H. *see* Klockhaus, H. 24959
Weck, W. *see* Baechler, J. 46909
Weckenmann, A., Grutzeck, H. Quality assurance for forging dies by way of coordinate measuring equipment 17943
Wecker, J. *see* Bardal, A. 41275
Weckesser, J., Salkind, A.J., Kelly, J.J. Metal hydrides—characterization of common sample materials 17237
Wedberg, R. *see* Bergmark, T. 31594
Wedderburn-Bisshop, T., McNaull, J., Reed, J. The evolutionary path from low-rate applications 5341
Wedding, B. Analysis of fibre transfer function and determination of receiver frequency response for dispersion supported transmission 30719
Wedding, B., Franz, B., Junginger, B. Dispersion supported transmission at 10 Gbit/s via up to 253 km of standard singlemode fibre 30852
Wedding, B., Schlag, E. Novel 10Gbit/s integrated silicon bipolar decision circuit for dispersion supported transmission 45913
Wedding, B. *see* Heidemann, R. 30737
Wedding, B. *see* Pohlmann, W. 14635
Wedding, D.K. *see* Stoller, R.A. 38621
Wedekind, M. *see* Derenchuk, V. 31620
Wedgewood, J. *see* Vojir, W. 39248
Wedler, H., Wesner, F., Becker, W., Fritsch, R. Vacuum insulated antenna feeding lines for ICRH at ASDEX Upgrade 44599
Wedlock, J. *see* Craig, P. 5375
Wee, A.T.S. *see* Foord, J.S. 42782
Wee, G.J.M.van *see* van Wee, G.J.M.
Wee, H.E. *see* Gooi, H.B. 7799
Wee, L.K. *see* Teoh, E.K. 33424
Wee Li Kwang *see* Tong Loong Cheong 5419
Weed, J. *see* Ferguson, R. 26942
Weegels, L.M., Haverkort, J.E.M., Wolter, J.H. Light-activated switching based on light-induced band-structure modifications 21076
Week, K.-H. *see* Mombauer, W. 24907
Week, M., Ostendarp, H., Sellhorst, M. Analysis of vibration forms with holographic interferometry and modal analysis 3940
Weeks, A.R., Myler, H.R., Lewis, M.D. Adaptive thresholding algorithm that maximizes edge features within an image 21973
Weeks, A.R. *see* Lewis, M.D. 5095
Weeks, A.R. *see* Yoo, H.J. 5094
Weeks, D.A. *see* Simpson, T.R. 103
Weerackody, V. *see* Seshadri, N. 22857
Weerahandi, S. *see* Lee, J.J. 30301
Weerden, H.J.van *see* van Weerden, H.J.
Weerdt, R.De *see* De Weerdt, R.
Wefers, M.M., Nelson, K.A. Programmable phase and amplitude femtosecond pulse shaping 11706
Weg, W.F.Van Der *see* Van Der Weg, W.F.
Wegener, A.R. *see* Massig, J.H. 39004
Wegener, W., D'Hooghe, P., De Boeck, W. Data acquisition and control system for the neutron time-of-flight spectrometer MIBEMOL 31129
Weger, A. *see* Anderson, R.J. 6911
Weger, P. *see* Treitinger, L. 30837
Weglein, R.D. *see* Vig, J.R. 20100
Wegman, E.J. *see* Le, H.T. 13233
Wegmann, B., Zetzsche, C. Perceptually-based multi-channel representation for image sequence coding 13816
Wegner, C.A. *see* Rostamkolai, N. 24900
Wegscheider, W., Pfeiffer, L.N., Dignam, M.M., Pinczuk, A., West, K.W., McCall, S.L., Hull, R. Lasing from excitons in quantum wires 12250
Wehder, C. *see* Wachholz, G. 22658
Wehder, C. *see* Wachholz, G. 30534
Wehe, D.K. *see* Jordanov, V.T. 46329
Wehe, D.K. *see* Martin, J.B. 15721
Wehe, D.K. *see* Valentine, J.D. 11836
Wehenkel, L., Akella, V.B. A hybrid decision tree—neural network approach for power system dynamic security assessment 24656
Wehmann, H.-H. *see* Zwinge, G. 18175
Wehn, N., Glesner, M., Vielhauer, C. Estimating lower hardware bounds in high-level synthesis 33831
Wehn, N. *see* Biesenack, J. 33836
Wehr, M. Protection of synchronous transmission networks 22368
Wehr, M., Monich, G. Detection of radiation leaks by spherically scanned field data 44391
Wehrend, B.H. *see* Funk, G. 39513
Wehrend, H., Oswald, B.R. Network investigation with the aid of the ATP/EMTP digital program: network impedances with different line models 32210
Wehring, B.W. *see* Kim, J.-Y. 23965
Wehrli, W., Kuhn, E. Supercritical 600 MW units at Shidongkou 32665
Wehrung, F. Boolean universes above Boolean models 26303
Wei, A. *see* Kosier, S.L. 34922
Wei, B. A generalization of a result of Bauer and Schmeichel [hamiltonian graphs] 26296
Wei, B.W.Y. *see* Xiaoping Huang 34023
Wei, C. *see* Cochran, D. 12924
Wei, C.-H. *see* Liu, G.-S. 5709
Wei, C.J., Tkachenko, Y.A., Hwang, J.C.M. Non-invasive waveform probing for nonlinear network analysis 6763

Wei, C.J., Tkachenko, Y.A., Hwang, J.C.M. Noninvasive waveform probing for nonlinear network analysis 38657
Wei, D.S.L. *see* Palis, M.A. 30180
Wei, J. Stochastic cooling with a double RF system 7063
Wei, J., Hawley, M., Asmussen, J. Microwave power absorption model for composite processing in a tunable resonant cavity 40663
Wei, J. *see* Ruggiero, A.G. 7015
Wei, J.C. *see* Chen, K. 35296
Wei, L. Q^2DPSK pulse shaping pair in the satellite mobile channel 14473
Wei, L., FongChing Liaw, Estrin, D., Romanow, A., Lyon, T. Analysis of a resequencer model for multicast over ATM networks 13973
Wei, L. *see* Fujii, S. 10816
Wei, L. *see* Kametani, H. 10764
Wei, L. *see* Ohji, Y. 10766
Wei, L. *see* Tanigawa, S. 10732
Wei, L. *see* Uedono, A. 10815
Wei, L. *see* Uedono, A. 19471
Wei, L. *see* Xingliang, H. 15034
Wei, L.-F. Coded modulation with unequal error protection 21491
Wei, M., Duval, F., Fontaine, R., Mouine, J., Sawan, M., Elhilali, M., Hassouna, M. A dedicated microprocessor for urinary incontinence stimulator 47126
Wei, M.S. *see* Fischer, P.B. 27448
Wei, P.-K., Wang, W.-S. Novel TE-TM mode splitter on lithium niobate using nickel indiffusion and proton exchange techniques 28486
Wei, P.S., Shian, M.D. Three-dimensional analytical temperature field around the welding cavity produced by a moving distributed high-intensity beam 33348
Wei, S., Nakamura, K., Sone, M., Fujita, H. Neural network based power system transient stability criterion using DSP-PC system 24631
Wei, T., Devlin, B.T., Yuce, H.H. Analysis of optical fiber splices by the nondestructive X-ray imaging technique 2989
Wei, T. *see* Chirravuri, J. 3513
Wei, T. *see* Yuce, H.H. 5875
Wei, T. *see* Yuce, H.H. 5922
Wei, T.-S. *see* Chyi, J.-I. 38509
Wei, V.K., Kyeongcheol Yang On the generalized Hamming weights of product codes 36515
Wei, X. *see* Honig, A. 31618
Wei, X. *see* Sumic, Z. 32363
Wei, Y., Loh, Y., Wang, C., Hu, C. I/O device drain engineering for a 5 V 0.6 μm CMOS technology 20001
Wei Cai *see* Cai Wei
Wei Cao *see* Cao Wei
Wei Che-Ho *see* Che-Ho Wei
Wei Chen, Ahmed, H. Fabrication of sub-10 nm structures by lift-off and by etching after electron-beam exposure of poly(methylmethacrylate) resist on solid substrates 27930
Wei Chen, Kai-Fong Lee, Dahele, J.S., Lee, R.Q. CAD formulas for resonant frequencies of TM_{01} and TM_{10} modes of rectangular patch antenna with superstrate 21407
Wei Chen *see* Kai-Fong Lee 44567
Wei Chen *see* Chen Wei
Wei Ching-Ling *see* Ching-Ling Wei
Wei Chung-Chuang *see* Chung-Chuang Wei
Wei Cui *see* McCammon, D. 19924
Wei Dao Zheng *see* Zhang Zhong 10043
Wei Dao-Zheng *see* Dao-Zheng Wei
Wei Daozheng *see* Xiang Dong 41762
Wei Dong Qian *see* Qian Wei Dong
Wei Feng *see* Chon, J.C. 35442
Wei Feng *see* Jianhua Li 10714
Wei Fu *see* Fu Wei
Wei Gong, Rao, K.R., Manry, M.T. Progressive image transmission 22044
Wei Guang-Yu, Peng Rui-Wu Growth kinetics of GaSb by metalorganic vapor phase epitaxy 41304
Wei Guang-Yu *see* Ding Yong-Qing 41305
Wei Guangfu *see* Wang Xiangwu 10441
Wei Guanghui *see* Xin Jianguo 11919
Wei Guangpu Amorphous silicon and its application in sensor technology 19705
Wei Guo A study of atomic time scale stability 23395
Wei Heli *see* Heli Wei
Wei Hong *see* Kai Liu 21194
Wei Hong *see* Hong Wei
Wei Hsieh Shou *see* Shou Wei Hsieh
Wei Jeng-Hua *see* Jeng-Hua Wei
Wei Jian *see* Jian Wei
Wei Jie *see* Jie Wei
Wei Jingqian *see* Jingqian Wei
Wei Kuo-Hua *see* Kuo-Hua Wei
Wei Lee-Fang *see* Lee-Fang Wei
Wei Li, Dufaux, F. Image sequence coding by multigrid motion estimation and segmentation based coding of prediction errors 29966
Wei Li, Hall, F.R., Davis, E.J., Stout, K.J. Finite element analysis of the working accuracy of length standards 31438
Wei Lin *see* Shou-Zen Chang 678
Wei Lin Chiung *see* Chiung Wei Lin
Wei Liu, Stephens, B., Park, E.K. An analytical model for the binary feedback scheme 37279
Wei Liu, Yaohui Zhang, Desheng Jiang, Ruozhen Wang, Junming Zhou, Xiaobing Mei Wannier-Stark localization in InGaAs/GaAs superlattices and its application to electro-optical devices 3181
Wei Liu *see* Porter, W.A. 45134
Wei Liu *see* Liu Wei
Wei Nan Jiang, Mishra, U.K. Current flow mechanisms in GaAs planar-doped-barrier diodes with high built-in fields 19737
Wei Ning Zhao *see* Damarla, T.R. 36697
Wei Pei-Kuen *see* Pei-Kuen Wei
Wei Qidong, Cai Song, Cheng Yongyuan, Chen Aizhu, Yuan You-Sheng Feasibility study for 10 MWe MHD coal-fired combustor and its auxiliary system 25326
Wei Qidong *see* Cai Song 25322
Wei Qidong *see* Cheng Yongyuan 25324
Wei Qidong *see* Cheng Yongyuan 25744
Wei Qidong *see* Qiao Hongbin 25741
Wei Qu *see* Qu Wei
Wei Shi *see* Qinghai Miao 398
Wei Shih-Long *see* Shih-Long Wei
Wei Shyue-Win *see* Shyue-Win Wei
Wei Sun Modeling of flexible piezoelectric laminates 35182
Wei Tai *see* Tai Wei
Wei Tongli *see* Zheng Jiang 11145
Wei Wan *see* Wan Wei
Wei Wei *see* Wang Yao-De 17407
Wei Wei *see* Wei Wei
Wei Wen, Lozzi, A. Recognition and inspection of manufactured parts using line moments of their boundaries 4817
Wei Wenyuan *see* Zhang Xiaomiao 21428
Wei Xia *see* Shaw, A.K. 36720
Wei Xin *see* Xin Wei
Wei Xing *see* Gong Dawei 23629
Wei Xing *see* Xing Wei
Wei Xiwen *see* Zhou Changsheng 11158
Wei Xu *see* Xu Wei
Wei Yan, Dawson, F.P. Design of a Cockcroft-Walton cascade rectifier for triggering flashlamps 8547
Wei Yang, Gopinath, A. Study of passive mode locking of semiconductor lasers using time-domain modeling 3646
Wei Yayi *see* Jiang Ruolian 34560
Wei Yu *see* Xie Xiaohua 13559
Wei Yu *see* Xie Xiaohua 21921
Wei Yu *see* Xie Xiaohua 45052
Wei Yu *see* Zhu Yangming 45054
Wei Yu *see* Yu Wei
Wei Yung Hsu *see* Strasser, T.A. 11637
Wei Zhang, Vargas, R., Goto, T., Someno, Y., Hirai, T. Preparation of epitaxial AlN films by electron cyclotron resonance plasma-assisted chemical vapor deposition on Ir-and Pt-coated sapphire substrates 33651
Wei Zhao *see* Malcolm, N. 45362
Wei Zhenqian *see* Zhenqian Wei
Wei Zhinong, Ju Ping On-line modelling of electric load—hardware, software and functions 8024
Wei-Bao Zhang *see* Zhang Wei-Bao
Wei-Ching Chuang, Wen-Chung Chang, Wei-Yu Le, Janq-Hwa Leu, Way-Seen Wang A comparison of the performance of $LiNbO_3$ traveling-wave phase modulators with various dielectric buffer layers 3120
Wei-Chou Hsu *see* Hir-Ming Shieh 43014
Wei-Chou Hsu *see* Ming-Jer Kao 2602
Wei-Chung Lin *see* Liwa Wang 36775
Wei-Chung Lin *see* Shiuh-Yung Chen 31847
Wei-Cun Zhang, Qing-Quan Li A new method of designing speed controller for hydro power stations and its field test 8231
Wei-Gan Lin *see* Zhi-Liang Wang 21019
Wei-Guo Shen *see* Shen Wei-Guo
Wei-Jian Wang *see* Honkanen, S. 3155
Wei-Jian Zheng *see* Zheng Wei-Jian
Wei-Jou Duh, Ja-Ling Wu, Jau-Hsiung Huang A multiprocessor system for visual communications using distributed transputer arrays 38360
Wei-Jou Duh *see* Guey-Shya Chen 4779
Wei-Jou Duh *see* Guey-Shya Chen 21808
Wei-Jun Zhang *see* Zhang Wei-Jun
Wei-Lin Huang *see* Kin-Lu Wong 4299
Wei-lou Cao, YuanQun Liu, Lee, C.H., Mao, S.N., Xi, X.X., Venkatesan, T. High T_c superconductor opening switches for picosecond pulsed power system 28406
Wei-Mei Chen *see* Chau-Yun Hsu 9494
Wei-Min Chen *see* Chen Wei-Min
Wei-Min Liu *see* Liu Wei-Min
Wei-Ming Chen *see* Shirafuji, T. 9749
Wei-Ming Hong *see* Wen-An Loong 2382
Wei-Ming Ren *see* Ren Wei-Ming
Wei-Ming Wang, Jiann-Fuh Chen, Ching-Lien Huang Analysis fo stability and uniqueness of load flow solution of radial distribution systems 7934
Wei-Ming Wang *see* Jiann-Fuh Chen 16305
Wei-Ning Huang *see* Ping Liu 685
Wei-Ning Xiang *see* Miller, R. 16390
Wei-Ping Huang Coupled-mode theory for optical waveguides: an overview 44501
Wei-Qing Tang *see* Tang Wei-Qing
Wei-Shang Du *see* Du Wei-Shang
Wei-Song Lin, Ying-Shuo Tsai, Chi-hsiang Wang Parameter estimation of squirrel-cage induction motor considering variable operating condition 8376
Wei-Tou Ni *see* Mio, N. 11934
Wei-Tzen Yang *see* Shun-Yuan Wang 16820
Wei-Wei Chan *see* Lai, J.Z.C. 23351
Wei-Xiong Zou *see* Helkev, R. 20870
Wei-Yu Le *see* Wei-Ching Chuang 3120
Wei-Yu Lee *see* Shug-June Hwang 3088
Wei-Yu Lee *see* Sung-Yuen Wang 43435
Wei-Zhen Ni *see* Fu-Wen Liu 13148
Wei'an Ding *see* Ding Wei'an
Weibin Zhang *see* Zhang Weibin
Weibing Wang *see* Songyuan Xu 17134
Weible, K.J., Herzig, H.P. Optical optimization of binary phase fan-out elements 12474
Weible, K.J. *see* Collings, N. 11765
Weibler, J. Properties of metals used for RF shielding 29217
Weichold, M.H. *see* Lee, S. 19742
Weich, K., Patzak, E., Horer, J. Fast all-optical switching using two-section injection-locked semiconductor lasers 43950
Weich, K. *see* Horer, J. 43884
Weichert, C. *see* Huang, J.C. 1566
Weichi Chang *see* Ching-Cherng Sun 11755
Weichold, M.H. *see* Andrews, C.C. 19920
Weichold, M.H. *see* Andrews, C.C. 42992
Weichold, M.H. *see* Gopalakrishnan, G.K. 27228
Weichold, M.H. *see* Kwark, B. 35968
Weichold, M.H. *see* Lee, C. 19741
Weicht, U., Viereck, D., Rohrer, A. Advanced combined cycle power plant concepts with GT13E2 gas turbines 40016
Weiczorek, H. Measurement and simulation of the dynamic performance of a-Si:H image sensors 31311
Weid, J.P.von der *see* von der Weid, J.P.
Weidberg, A. *see* Bates, S. 24057
Weidberg, A.R. *see* Borer, K. 7221
Weide, D.W.Van Der *see* Van Der Weide, D.W.
Weide Chen *see* Chen Weide
Weidenbruch, H.-U. *see* Spoer, P. 38284
Weidenbrug, R., Dawson, F.P., Bonert, R. New synchronization method for thyristor power converters to weak AC-systems 16943
Weidenfeller, A. *see* Bachem, E. 3445
Weidenheimer, D.M. *see* Stricklett, K.L. 43187
Weidman, D.J., Rhee, M.J., Schneider, R.F. Fast-rise, large-volume, 1.7-kG magnetic-field coil 21190
Weidman, T.W., Joshi, A.M. Plasma deposition, characterization, and photochemistry of organosilicon hydride network polymers: versatile resists for all-dry mid-deep UV photolithography 11058
Weidman, T.W. *see* Joshi, A.M. 11094
Weidmann, R. *see* Eversheim, P.D. 31625
Weidner, J.W., Timmerman, P. Effect of proton diffusion, electron conductivity, and charge-transfer resistance on nickel hydroxide discharge curves 48080
Weidner, M. *see* Kuo, C. 18714
Weidner, R.J. *see* Lee, M. 37049
Weidong Liu *see* Liu Weidong
Weidong Sheng *see* Sheng Weidong
Weidong Tan *see* Tan Weidong
Weidong Zhou *see* Songyuan Xu 25986
Weiershausen, W. *see* Zengerle, R. 28683
Weiershausen, W. *see* Zengerle, R. 35451
Weigan Lin, Olyslager, F., De Zutter, D. Comments on "Analytical behavior of the surface charge density on a conductor with two consecutive edges with right angles" by F. Olyslager and D. De Zutter [and reply] 36292
Weigan Lin *see* Dajun Cheng 4037
Weigan Lin *see* Lin Weigan
Weigand, R., Guerra, J.M. Pyrazino[2,3-c]-1,2,6-thiadiazine 2,2-dioxides: a new family of widely tunable, acid-base dye lasers 43747
Weigang Zhu *see* WeiKai Sun 4223
Weigel, L. *see* Winter, H. 40505
Weigel, R., Bader, B., Fischerauer, G., Russer, P. Design and performance of wide-band IIDT-type SAW filters with low loss and improved sidelobe suppression 1301
Weigel, R., Nalezinski, M., Valenzuela, A.A., Russer, P. Narrow-band YBCO superconducting parallel-coupled coplanar waveguide bandpass filters at 10 GHz 1484
Weigel, R., Scholl, G., Russer, P. Coupling-of-modes analysis of SAW-multistrip coupler 43235
Weigel, R. *see* Holm, A. 43236
Weigel, R. *see* Machui, J. 1300
Weigel, R. *see* Muller, G. 42031
Weigel, R. *see* Thomann, W. 1440
Weigel, R. *see* Vanselow, M. 12709
Weigelt, G. *see* Hofmann, K.-H. 6169
Weight, J.P. *see* Ikpe, E.S. 6857
Weight, J.P. *see* Stacey, R. 9816
Weight, J.P. *see* Yong Zhu 33791
Weigl, B. *see* Wipiejewski, T. 35355
Weiglhofer, W.S. Analytic methods and free-space dyadic Green's functions 3968
Weiglhofer, W.S. Analytic techniques for Green's functions [EM theory] 3972

Weiglhofer, W.S., Lakhtakia, A., Monzon, J.C. Maxwell-Garnett model for composites of electrically small uniaxial objects 4033
Weiglhofer, W.S., Lindell, I.V. Fields and potentials in general uniaxial bianisotropic media. I. Axial sources 36099
Weiglhofer, W.S., Lindell, I.V. Analytic solution for the dyadic Green function of a nonreciprocal uniaxial bianisotropic medium 44286
Weiglhofer, W.S. *see* Lakhtakia, A. 4080
Weiguo Li *see* Li Weiguo
Weiguo Mo *see* Mo Weiguo
Weiguo Wang *see* Jingwu Qiu 38477
Weihan Wu *see* Wu Weihan
Weihang Wang *see* Wang Weihang
Weihnacht, M., Martin, G. A study of fast surface bounded plate modes with high coupling efficiency in ZnO/Si structures 11428
Weihong Zheng *see* Zheng Weihong
Weihreter, E. Review of compact synchrotron light sources 15277
Weihreter, E. *see* Burkmann, K. 15463
Weihua Zhu *see* Zhu Weihua
Weihua Zhuang, Sundara Murthy, K.M. Modelling and performance analysis of digital baseband processor of the GPS receiver 38185
Weihun Zhang *see* Zhang Weihun
Weijiang Feng *see* Feng Weijiang
Weijie Wang *see* Wang Weijie
Weijs, P.J.W. *see* Reader, A.H. 34816
Weijun Teng *see* Teng Weijun
WeiKai Sun, YunYi Wang, Weigang Zhu Analysis of waveguide inserted by a metallic sheet of arbitrary shape with the method of lines 4223
Weikang Huang *see* Huang Weikang
Weikert, C. *see* Staupendahl, G. 11940
Weikle, R., II *see* Ekstrom, H. 27237
Weikle, R.M., II *see* Angelov, I. 1607
Weil, L., Pecht, M., Hakim, E. Reliability evaluation of plastic encapsulated parts 40958
Weil, M. *see* Gopher, D. 7693
Weiland, M.Z. *see* Voorhees, J.W. 39263
Weiland, M.Zubritzky *see* Zubritzky Weiland, M.
Weiland, T. Maxwell's grid equations 12512
Weiland, T., Wanzenberg, R. Wake fields and impedances 38772
Weiland, T., Zhang, M. ACAO of cavities 46743
Weiland, T. *see* Balewski, K. 46775
Weiland, T. *see* Dohlus, M. 4152
Weiland, T. *see* Thoma, P. 46704
Weiland, T. *see* Wolter, H. 46745
Weiland, T.L. *see* Pennington, D.M. 35976
Weile, D.S. *see* Berger, H. 21313
Weile Yan *see* Yan Weile
Weiler, M. *see* Amaratunga, G.A.J. 27662
Weiler, M. *see* Veerasamy, V.S. 27455
Weiler, M. *see* Veerasamy, V.S. 27647
Weiler, W. *see* Bolle, S. 47441
Weilhammer, P. Double-sided Si strip sensors for LEP vertex detectors 46837
Weilhammer, P. *see* Toker, O. 38910
Weili Cai *see* Beifang Yang 33681
Weili Wang *see* Wang Weili
Weill, A., Paniez, P., Joubert, O., Debaene, F., Sage, D., Amblard, G., Pons, M. The role of surface tension in silylation processes 11070
Weill, A.P. *see* Amblard, G.R. 11081
Weimann, G. *see* Baumgartner, P. 28197
Weimann, G. *see* Bernhard, K. 43538
Weimann, G. *see* Berthold, G. 42536
Weimann, G. *see* Kiener, C. 27558
Weimann, G. *see* Kiesel, P. 35492
Weimann, G. *see* Knupfer, B. 43528
Weimann, G. *see* Lettau, C. 42517
Weimann, G. *see* Rohr, T. 9632
Weimann, G. *see* Rothfritz, H. 43875
Weimann, G. *see* Suski, T. 42503
Weimann, T. *see* Dintner, H. 6282
Weimann, T. *see* Lemke, S. 20198
Weimann, T. *see* Quenter, D. 11551
Weimar, U. *see* Moore, S.W. 6634
Weimer, J. *see* Hwa-Liang Chiou 41649
Weimer, J.A. Electrical power technology for the more electric aircraft 39308
Weimer, R. *see* Snail, K.A. 41378
Weimin Li *see* Li Weimin
Weimin Liu *see* Liu Weimin
Weimin Si *see* Yi Luo 35885
Weimin Sun, Balanis, C.A. MFIE analysis and design of ridged waveguides 36339
Weimin Wu *see* Wu Weimin
Wein, B. *see* Kelch, J. 31859
Wein, L.M. Sequential screening in semiconductor manufacturing: exploiting lot-to-lot variability and spatial dependence 238
Weinberg, W.H. *see* Maboudian, R. 26415
Weinberg, W.H. *see* Mitchell, W.J. 14959
Weinberg, W.H. *see* Wang, X.-S. 698
Weinberg, W.H. *see* Wang, X.-S. 34592
Weinberg, W.H. *see* Xue-Sen Wang 34763
Weinberger, D.A. *see* Feldman, S.F. 28899
Weinberger, D.R. *see* Kulynych, J.J. 24240
Weinberger, M. *see* Detlefsen, J.B. 4257
Weinberger, M. *see* Kees, N. 6128
Weiner, A.M., Leaird, D.E. Femtosecond signal processing by second-order spectral holography 29030
Weiner, A.M. *see* Fermann, M.E. 3240
Weiner, D. *see* Slamani, M. 14689
Weiner, D. *see* Tsao, T. 14688
Weiner, D.D. Nonlinear interference effects in EMC 44451
Weiner, D.D. *see* Chakravarthi, P.R. 23109
Weiner, D.D. *see* Chakravarthi, P.R. 23126
Weiner, D.D. *see* Michels, J.H. 44995
Weiner, D.D. *see* Moyer, L.R. 23121
Weiner, D.D. *see* Moyer, L.R. 30877
Weiner, D.D. *see* Rangaswamy, M. 4750
Weiner, D.D. *see* Slamani, M.A. 23162
Weiner, G., Gyarmathy, S., Marko, J. Open communication for drives having a conventional RS232 interface 14248
Weiner, K.H. *see* Ishida, E. 42624
Weiner, K.H. *see* Kramer, K.-J. 1882
Weiner, M., Cellier, F.E. Modeling and simulation of a solar energy system by use of bond graphs 25944
Weiner, M., Kingsley, L., Kim, A., Youmans, R. Simple model of electromagnetic wave induced avalanching in semiconductors. [Photoconductive switching] 28637
Weiner, M. *see* Kim, A. 3335
Weiner, M. *see* Zhang, X.-C. 44182
Weiner, M. *see* Zhao, J.H. 2508
Weiner, M. *see* Zhao, J.H. 2509
Weiner, M. *see* Zhao, J.H. 11895
Weiner, M.M. Addendum to "Noise factor and antenna gains in the signal/noise equation for over-the-horizon radar" 46041
Weiner, M.M. Influence of nonhomogeneous Earth on the rms phase error and beam-pointing errors of large, sparse high-frequency receiving arrays 46072
Weiner, N., Reid, J., Milne, D. Attention to detail needed in GaAs ASIC design process 10057
Weiner, S. *see* Ciaccio, E.J. 47103
Weiner, S.M. *see* Merenda, J.L. 1460
Weinert, C.M. *see* Venghaus, H. 35448
Weinert, C.M. *see* Venghaus, H. 35452
Weinert, H.L. *see* Chen, J. 9394
Weinert, R.W. *see* Driscoll, M.M. 19049
Weingandt, H. *see* Vaughan, A.S. 38091
Weingart, P. *see* Preissner, J. 1264
Weingarten, A.B. *see* Woody, C.L. 7253
Weingarten, F.W. NREN and the national infrastructure: a personal vision 14129
Weingarten, W. *see* Arnaud, C. 15506
Weingarten, W. *see* Bernard, Ph. 15504
Weinheimer, C. *see* Backe, H. 47013
Weinhold, M. *see* Marschalko, R. 17001
Weinman, J.A. *see* Kalmykov, A.I. 16010
Weinmann, R. Special precautions in predetermination of the stator flux for the high-power control of a traction motor 25898
Weinmann, R. *see* Haisch, H. 12164
Weinrib, A. *see* Arango, M. 13971
Weinrichter, H. *see* Mayr, B. 44695
Weinstein, E., Feder, M., Oppenheim, A.V. Multichannel signal separation by decorrelation 44828
Weinstein, E. *see* Yellin, D. 4733
Weinstein, L. LIFENET/Internet and the health science librarian 37376
Weinstein, L.F., Ercoline, W.R., Foster Bitton, D. The utility of a ghost horizon and climb/dive ladder tapering on a head-up display 7528
Weinstein, R.E. *see* Owens, W.R. 25309
Weinstein, S.B. *see* Aidarous, S. 37342
Weinsziehr, D. *see* Preissner, J. 1264
Weintraub, B.L. *see* Sturrock, J.C. 15671
Weintraub, M. *see* Erell, A. 36604
Weinzierl, K. Coal-fired power stations of the future—the start of new forms of construction or adherence to the established principle? 47729
Weinzierl, S. *see* Osse, A.L.M. 42566
Weinzierl, S.R., Hillard, R.J., Heddleson, J.M., Rai-Choudhury, P., Mazur, R.G., Osburn, C.M. Detection of anomalous defect-enhanced diffusion using advanced spreading resistance measurements and analysis 42909
Weinzierl, S.R. *see* Heddleson, J.M. 42543
Weinzierl, S.R. *see* Le Dudal, R. 43120
Weipin Zhou *see* Limin Dai 25840
Weiping Huang *see* Young, A.M. 6459
Weiping Li *see* Xixian Chen 45684
Weiping Lu *see* Harrison, R.G. 44125
Weiping Yang Design of electronical signal processing units with help of the convolution theory 13206
Weiping Zang *see* Zang Weiping
Weiping Zhang *see* Xue, Y.L. 2951
Weiping Zhou *see* Xiuhua Chen 25841
Weippert, W. The evolution of the access network in Germany 45678
Weiqi Jin *see* Jin Weiqi
Weiqing Zhang *see* Zhang Weiqing
Weir, B. *see* Watson, G.P. 711
Weir, D.G. *see* Hoke, W.E. 19528
Weir, G.B. *see* Johnson, R.W. 18472
Weir, K. *see* Boyle, W.J.O. 15822
Weir, K. *see* Ning, Y.N. 21149
Weir, K. *see* Ning, Y.N. 46476
Weir, K. *see* Wang, D.N. 46384
Weir, R., Eccles, M. Modular standard finds strength in numbers 1257
Weir, S.T., Nellis, W.J., Seaman, C.L., Early, E.A., Maple, M.B., Kramer, M.J., Liu, J.Z., Shelton, R.N. Shock-wave processing of high-temperature superconductors 28395
Weiren Liu *see* Jialin Xie 43973
Weis, G. *see* Steinmetz, D. 8195
Weis, G. *see* Steinmetz, D. 32726
Weis, J. *see* Haug, R.J. 43030
Weis, O. *see* Heider, U. 28319
Weis, R. *see* Fromherz, P. 10594
Weis, T., Dolling, R., Gross, P., Pozimski, J., Riehl, G., Wiegand, J., Klein, H. Techniques for high current ion beam diagnostics 23981
Weis, T. *see* Gross, P. 31566
Weis, T. *see* Pozimski, J. 15410
Weisbuch, C. *see* Stanley, R.P. 12121
Weisbuch, C. *see* Zhang, Z.L. 35923
Weise, C. *see* Steffen, B. 33472
Weise, E. *see* Vieth, J. 31943
Weise, H. *see* Auerhammer, J. 43978
Weise, H. *see* Genz, H. 15271
Weise, R. *see* Jordan, K. 24187
Weise, W. *see* Bilitewski, U. 6609
Weisenberger, A., Day, A., Houck, J., Kross, B., Majewski, S., Piller, M., Wojcik, R., Zorn, C. Low cross-talk fiber readout of scintillating detectors 1815
Weisenberger, A.G. *see* Wojcik, R. 7244
Weisenberger, A.G. *see* Wojcik, R. 31687
Weisenberger, A.G. *see* Wojcik, R. 46866
Weisener, T., Vogele, G., Holzapfel, C. Assembly and interconnection for hybrid microsystem circuits 27388
Weiser, K. *see* Haridim, M. 34540
Weiser, M. *see* Kantarjiev, C.K. 22569
Weiser, P.S., Prawer, S., Hoffman, A., Manory, R., Paterson, P.J.K. An investigation into the use of a diffusion barrier in the microwave plasma assisted chemical vapor deposition of diamond on iron based substrates 861
Weisfield, R. *see* Hack, M. 28143
Weisfield, R. *see* Hack, M. 28158
Weisfield, R. *see* Street, R.A. 31306
Weisfield, R.L. a-Si:H linear and 2-D image sensors 38558
Weisgerber, V. Double-pulse inverter feeds 6-phase asynchronous motor for harmonic loss reduction 8569
Weishart, H., Bauser, E., Konuma, M., Queisser, H.-J. Monomolecular steps of ultra-low density on (100) growth faces of liquid phase epitaxial GaAs 41372
Weishart, H. *see* Mohling, W. 9545
Weishi Wan, Goldmann, E., Berz, M. The design of a four cell order achromat 46750
Weishu Wu *see* Shaomin Zhou 43577
Weiske, J. *see* Lindberg, C. 32678
Weisman, M.J. *see* Clark, J.J. 30041
Weisman, P.T. *see* Kumar, B. 17207
Weismann, B. *see* Schneider, J. 2683
Weismuller, P. *see* Schlang, M.F. 7349
Weiss, A. *see* Aebi, V.W. 19281
Weiss, A.J. Array manifold interpolation for diversely polarized arrays 29712
Weiss, A.J., Friedlander, B. Maximum likelihood signal estimation for polarization sensitive arrays 4331
Weiss, A.J., Friedlander, B. Analysis of a signal estimation algorithm for diversely polarized arrays 4621
Weiss, A.J., Friedlander, B. Maximum likelihood signal estimation using polarized arrays 29713
Weiss, A.J., Friedlander, B. Manifold interpolation for diversely polarised arrays 36660
Weiss, A.J. *see* Friedlander, B. 36761
Weiss, B. *see* Acklin, B. 35484
Weiss, B. *see* Gfeller, F.R. 45977
Weiss, B.L. *see* Choo, A.G. 2075
Weiss, B.L. *see* Zuoya, Y. 11642
Weiss, C.O. *see* Brambilla, M. 35917
Weiss, C.O. *see* Coates, A.B. 35650
Weiss, C.O. *see* Kramer, G. 23379
Weiss, C.O. *see* Staliunas, K. 3411
Weiss, C.O. *see* Tang, D.Y. 35649
Weiss, C.O. *see* Tang, D.Y. 35651
Weiss, C.O. *see* Tin Win 3466
Weiss, D., Richter, K., Vasiliadou, E., Lutjering, G. Magnetotransport in antidot arrays 42530
Weiss, D. *see* Spencer, T. 41917
Weiss, G. Network theorems for transistor circuits 33916
Weiss, G. *see* Kannai, Y. 13285
Weiss, G. *see* Kreitmair-Steck, W. 30913
Weiss, H. Electrical measurement and instrumentation—today and tomorrow 23406
Weiss, I. Noise-resistant invariants of curves 4791
Weiss, I.M. *see* Kantrowitz, F. 23179
Weiss, J. Sensors: toward the next generation 32519
Weiss, J.A. *see* Lax, B. 1433
Weiss, J.A. *see* Lax, B. 42179
Weiss, J.M. *see* Moore, P.J. 8194
Weiss, L.G. Wavelets and wideband correlation processing 29729
Weiss, L.G., Young, R.K. Wideband nearfield array processing and wavelet transforms 13377
Weiss, M. The RFQ2 complex: the future injector to CERN Linac 2 15395
Weiss, M. Spectral and inner-outer factorizations through the constrained Riccati equation 41037
Weiss, M., Henke, W., Ronse, K. Edge location errors in Cr-less and rim-type phase-shifting lithography 27935

Weiss, M., Zeyer, F. Redesign of local area networks using similarity-based adaptation 37547
Weiss, M. *see* Amendola, G. 15300
Weiss, M. *see* Amendola, G. 15445
Weiss, M. *see* Cervellera, F. 15397
Weiss, M. *see* Dampz, J. 22708
Weiss, M. *see* Kohlmann-von Platen, K.T. 26508
Weiss, M. *see* Levitt, H. 24352
Weiss, M. *see* Oertel, H.K. 27864
Weiss, M. *see* Tanke, E. 15396
Weiss, M.A., Allan, D.W., Howe, D.A. Confidence on the second difference estimation of frequency drift: a study based on simulation 18517
Weiss, R. RISC chips muscle into embedded applications 26970
Weiss, R. *see* Schmeiser, C. 2420
Weiss, R.E. *see* La Rue, R.A. 34272
Weiss, R.H. Selecting and specifying a large AC motor rewind system 8265
Weiss, S.C., Edberg, T.K., Sadoulet, B. A high pressure gas scintillation drift chamber to search for evidence of a massive neutrino in the beta decay spectrum of ^{14}C 15634
Weiss, S.M. *see* Sasisekharan, R. 37356
Weiss, V., Friesem, A.A., Krongauz, V.A. Recording of mid-infrared radiation in photochromic polymers 3918
Weiss, W.J. *see* Snyder, A.J. 15924
Weisse, A. *see* Gronau, G. 38659
Weisse, E. *see* Ferrari, A. 15308
Weisser, S. *see* Ralston, J.D. 12149
Weisser, S. *see* Ralston, J.D. 12243
Weisser, S. *see* Schofelder, A. 3606
Weisshaar, A. *see* Wu, J.C. 1877
Weissler, W. *see* Brune, R. 33100
Weissman, M. *see* Jakobson, G. 45443
Weissman, Z., Hardy, A. Modes of periodically segmented waveguides 43467
Weitzel, P. Dynamic packet allocation [teletext service improvement] 38222
Weitzen, J.A., Carroll, J.V., Dao, B.T. Use of simulated atmospheric noise in the calibration and characterization of Loran-C receivers for aircraft navigation 46136
Weitzen, J.A. *see* Ralston, W.T. 5860
Weitzman, A., Mitchell, H.B. An adaptive BTC-VQ image compression algorithm operating at a fixed bit-rate 4869
Weitzner, D.J. *see* Kapor, M. 5598
Weixi Chen *see* Chen Weixi
Weixiao Zhang *see* Zhang Weixiao
Weixin Duan *see* Duan Weixin
Weixin Zhang *see* Zhang Weixin
Weixiu Du *see* Zhen-Liang Shi 36699
Weixue Zhang *see* Cantao Zhuang 15973
Weixun Lin *see* Xiangning He 8536
Weiye Ma *see* Le Cerf, P. 36623
Weiying Cheng *see* Cheng Weiying
Weiyuan Wang *see* Wang Weiyuan
Weizai Zhang *see* Zhang Weizai
Weizer, V.G. *see* Fatemi, N.S. 19434
Weizhong, Y. *see* Pennock, S.R. 29378
Weizhong Tang *see* Tang Weizhong
Weizhuo Zhong *see* Huicong Hong 18131
Wekenborg, H. *see* Buckner, W.F. 16394
Welbourne, L.A. *see* Clarke, J.A. 7130
Welbourne, L.A. *see* Clarke, J.A. 15361
Welbourne, M.C. *see* Allen, J.W. 8159
Welch, A.J. *see* Barrett, S.F. 47121
Welch, A.J. *see* Markow, M.S. 31892
Welch, D. *see* Lang, R.J. 12197
Welch, D. *see* Sanders, S. 43835
Welch, D. *see* Waarts, R. 29019
Welch, D.F. *see* Bour, D.P. 43922
Welch, D.F. *see* Dzurko, K.M. 12181
Welch, D.F. *see* Major, J.S., Jr. 12233
Welch, D.F. *see* Major, J.S., Jr. 20765
Welch, D.F. *see* Major, J.S., Jr. 43952
Welch, D.F. *see* Mehuys, D. 20820
Welch, D.F. *see* Mehuys, D. 20826
Welch, D.F. *see* Mehuys, D. 35786
Welch, D.F. *see* O'Brien, S. 12198
Welch, D.F. *see* O'Brien, S. 12232
Welch, D.F. *see* Waarts, R.G. 20845
Welch, D.L. *see* Malone, T.B. 16113
Welch, D.R. *see* Sanford, T.W.L. 38800
Welch, K.M. *see* Hobson, J.P. 6898
Welch, L.R. *see* Peile, R.E. 22975
Welch, W.H. *see* Morris, J.E. 3370
Welch Taylor, J. *see* Calvert, J.M. 11036
Weldingh, H. The future evolution of the distribution network. Distribution automation systems 24919
Weldingh, H., Poulsen, S.H., Ursin, C. Measurement of watertightness of XLPE-cables, a new technique for accelerated low level water permeation testing 24964
Weldl, S.M. *see* Li, Y. 13530
Weldon, W.F. *see* Murthy, S.K. 44269
Welfonder, E., Hall, B., Glaunsinger, W., Heueck, R. Study of frequency- and voltage dependent load absorption of electric power user networks, applied to linked operation of power systems 47407
Weling, A.S., Hu, B.B., Froberg, N.M., Auston, D.H. Generation of tunable narrow-band THz radiation from large aperture photoconducting antennas 18958
Welke, H. *see* Pfeiffer, W. 43167
Welker, D.J., Kuzyk, M.G. Photomechanical stabilization in a polymer fiber-based all-optical circuit 35323
Welker, G. *see* Frank, H.-P. 42626
Welland, M.E., Murrell, M.P. Characterisation of electronic and structural properties of thin silicon dioxide films by scanned probe microscopy 27591
Welland, M.E. *see* Rosolen, G.C. 2305
Wellekens, D., Groeseneken, G., Van Houdt, J., Maes, H.E. Single poly cell as the best choice for radiation-hard floating gate EEPROM technology 34063
Wellekens, D. *see* Van Houdt, J. 34060
Wellems, L.D. *see* Zimmerman, W.R. 36227
Wellens, F. *see* Lienart, F. 16426
Weller, D. *see* Farrow, R.F.C. 9525
Weller, D. *see* Kleinefeld, T. 28359
Weller, G.C., Caunce, B.R.J. New distance relays reduce life cycle costs 8003
Weller, H. *see* Kornowski, A. 26390
Weller, M.B. *see* Hershey, R.R. 23876
Weller, R.D., Cirbo, L.E. Interference to consumer electronics 21287
Weller, S.R., Feuer, A., Goodwin, G.C., Poor, H.V. Interrelations between continuous and discrete lattice filter structures 29697
Weller, T.M., Katehi, P.B. Theoretical analysis of microshield transmission lines with dual-plane discontinuities 42131
Weller, T.M., Rebeiz, G.M., Katehi, L.P. Experimental results on microshield transmission line circuits 1438
Weller, T.M. *see* Katehi, L.P.B. 19102
Wellflow, W.H. *see* Freund, H. 16270
Wellhausen, W., Heuser, S. Effective utilization of existing copper local subscriber exchange network 5630
Welling, H. *see* Steinmeyer, G. 3486
Wellinghoff, J. Winning the lighting retrofit game 8975
Wellman, R.J., Hutchins, D.R., Silvious, J.L., Dropkin, H., Goldman, G., Nemarich, J., Wikner, D.A., Dahlstrom, R.K. Radar cross sections of ground clutter at 95 GHz for summer and fall conditions 46096
Wells, B.M. Magnetic components in UPS 47954
Wells, D. Planning for an ATM based backbone 37176
Wells, G. *see* Baroth, E. 38416
Wells, G.M., Brodsky, E.L., Cerrina, F., Waldo, W.G. Evaluation of beryllium foils for X-ray lithography beamlines 27996
Wells, G.M. *see* Reilly, M. 27988
Wells, I. Digital filter bank multiplier block implementation 18890
Wells, I. *see* Moulsley, T.J. 30655
Wells, J., Saltat, R., Lamb, C.M., Fiechtl, M.D. Unintentional thermal battery activation due to missile system power application to battery outputs; cause and corrective actions 17180
Wells, J. *see* Waltman, S. 6302
Wells, J.A., Cronin, N.J. Theoretical analysis of air bridging and back etching techniques on the shunt capacitance of planar subharmonic mixer diodes 19038
Wells, L.H. APPN to sprout in late 1994 [advanced peer-to-peer networking] 45520
Wells, N.D., Tudor, P.N. Standardisation of scalable coding schemes HDTV 31028
Wells, N.D. *see* Cotton, A.D.R. 31006
Wells, P., Redfern, S., Hardie, G., Bowey, A. 150 W SSPA for military satcoms applications at 8 GHz 1511
Wells, P., Smith, A.C., Holloway, M.W., Robinson, D.P. MILPICO terminals—military personal satcom 22959
Wells, P. *see* Davies, R.M. 22939
Wells, P.D. *see* Hill, P.C.J. 39440
Wells, R.P. *see* Kwan, J.W. 38828
Wells, R.T. *see* Steinhaus, B.M. 39061
Wells, S., Clay, D. Flash solid-state drive with 6 MB/s read/write channel and data compression 26955
Wells, S.W., Ward, M.O. Interaction between different types of domain constraint knowledge in image segmentation 5065
Wells, V.L., Huang, W. Parametric evaluation of transmission characteristics in aircraft-like structures 32019
Wellssow, W.H. *see* Boffo, W. 47448
Wellssow, W.H. *see* Demuth, S. 47410
Wellssow, W.H. *see* Fass, R. 47412
Wellssow, W.H. *see* Freund, H. 24870
Wellstood, F.C., Kingston, J.J., Clarke, J. Thin-film multilayer interconnect technology for $YBa_2Cu_3O_{7-x}$ 28409
Wellstood, F.C. *see* Black, R.C. 23854
Welnak, J.T. *see* Liang, S. 34840
Welser, J., Hoyt, J.L., Gibbons, J.F. Temperature and scaling behavior of strained-Si N-MOSFET's 19864
Welser, J., Hoyt, J.L., Gibbons, J.F. Electron mobility enhancement in strained-Si n-type metal-oxide-semiconductor field-effect transistors 42989
Welser, W. *see* Bosch, D. 8725
Welsh, B.M. *see* Fielding, K.H. 29863
Welsh, D. *see* Dawson, J.F. 36245
Welsh, D. *see* McDermott, J.A. 36241
Welsh, D.C. *see* Weber, B.L. 7615
Welsh, D.J. *see* Sagdeev, I.R. 24100
Welsh, G., Bergmann, K., Retzmann, D., Schmidt, M. Transient AC/DC simulator and field tests of the closed loop control of the Pelham SVCs 16243
Welsh, J. *see* Babi, J. 32977
Welsh, J. *see* Schmode, P. 17157
Welsh, K. *see* Lyons, C. 2365
Welsh, R. Sizewell B PPS passes its dynamic tests 47681
Welsher, T.L. *see* Jon, M.-C. 40927
Welsher, T.L. *see* Lin, D.L. 29100
Welt, B., Tong, C. Effect of microwave radiation on thiamin degradation kinetics 40660
Welti, A.L., Bernhard, U.P. Third-order delay-locked loop: mean time to lose lock and optimal parameters 37962
Welzel, R. Personal computers in broadcasting PC quo vadis? 38216
Welzl, E. *see* Matousek, J. 26313
Wen, C. *see* Wang, Y. 24764
Wen, D.D. *see* Abedini, Y.S. 31271
Wen, H., Sheikh, K.A. IGCC syngas treating systems 40023
Wen, H. *see* Fieguth, T. 15555
Wen, J. *see* Ko, G.C. 21432
Wen, J. *see* Saedi, R. 4326
Wen, J.Q. *see* Zhang, J.P. 33597
Wen, M. *see* Yu, F.T.S. 6784
Wen, Q., Ritcey, J.A. Spatial diversity equalization for underwater acoustic communications 30863
Wen, S.J., Campet, G. The textural effect of Cu doping and the electronic effect of Ti, Zr and Ge dopings upon the physical properties of In_2O_3 and Sn-doped In_2O_3 ceramics 1858
Wen, S.J., Campet, G., Manaud, J.P. Physical properties of sputtered germanium-doped indium tin oxide films (ITO:Ge) obtained at low deposition temperature 1857
Wen, S.J. *see* Campet, G. 27489
Wen, X. *see* Milanesi, S. 17142
Wen, Y.Q. *see* Tan, M. 31997
Wen, Z., Farhat, N.H., Zhao, Z.J. Dynamics of electron-trapping materials for use in optoelectronic neurocomputing 20458
Wen An *see* Sanderson, J.V.H. 47584
Wen Bin Zhu *see* Ru Tong Hong 5040
Wen Chia-Hsien *see* Chia-Hsien Wen
Wen Chih Tai *see* Ming Chang 46621
Wen Daigang *see* Jiang Zejia 3994
Wen De Zhong, Onozato, Y., Kaniyil, J. Performance enhancement in recursive copy networks for multicast ATM switching: a simple flow control scheme 37604
Wen Fangru The correction model of groundwave propagation of loran-C chain and its experimental determination 14737
Wen Fushuan, Song Wennan A modified three-phase model of transformers with delta-connected windings 32891
Wen Fushuan *see* Han Zhenxiang 7700
Wen Fushuan *see* Han Zhenxiang 7727
Wen Ho Chen *see* Tien Sheng Chao 2157
Wen Huang Li *see* Huang Li Wen
Wen Junding, Xiong Yongzhong, Shi Meijuan, Chen Guofong, Yu Mingde Twin ferrite toroidal phase shifter in back-ridged waveguide 10410
Wen Kuang-Pu *see* Kuang-Pu Wen
Wen Li Jiin *see* Jiin Wen Li
Wen Qing Gao *see* Lei Jian Liu 24227
Wen Senfar *see* Senfar Wen
Wen Tan *see* Xin Yu Wu 10357
Wen Wang *see* Wang Wen
Wen Wei *see* Wei Wen
Wen Xia *see* Xia Wen
Wen Xiaoqing, Itazaki, N., Kinoshita, K. Efficient methods for guided-probe diagnosis 11280
Wen Xiu-Mei *see* Na Xiao-Feng 31459
Wen Yen Po *see* Po Wen Yen
Wen Yen-Cheng *see* Yen-Cheng Wen
Wen Youxian *see* Youxian Wen
Wen Yu *see* Yu Wen
Wen Zheng Phase-stepping DSPI and its applications 902
Wen Zheng Quantitative evaluation of vibration information 3912
Wen Zheng The effects of detector characteristics on the phase measurement in quasi-heterodyne reference-beam ESPI 29035
Wen Zheng Statistical theory for quasi-heterodyne ESPI with reference-beam 31434
Wen Zhiqing *see* Zhiqing Wen
Wen Zhou *see* Zhou Wen
Wen Zhoubin, Feng Haihong, Hui Junying A new underwater acoustic communication system 4434
Wen-An Loong, Jiunn-Shyong Hwang, Chin-Fuan Wang, Wei-Ming Hong Deep UV negative-tone bi-layer resist processes 2382
Wen-An Loong, Shyi-Long Shy, Guey-Chi Guo, Ming-Tzong Yang, Shyang Su Cross shaped pattern on chrome mask for 0.5 μm contact hole fabrication 28019
Wen-Ben Jone *see* Das, S.R. 41836
Wen-Chau Liu *see* Der-Feng Guo 28220
Wen-Chen Chu, Bin-Kwie Chen, Chun-Kuei Fu Scheduling of direct load control to minimize

load reduction for a utility suffering from generation shortage 32294
Wen-Chen Huang, Goldgof, D.B. Analysis of intensity and range image sequences using adaptive-size meshes 31843
Wen-Chen Huang *see* Lin, C.-T.D. 29880
Wen-Cheng Wang *see* Jian Wang 28661
Wen-Chin Tsay *see* Tean-Sen Jen 43661
Wen-Ching Shih, Mu-Shiang Wu Growth of ZnO films on GaAs substrates with a SiO_2 buffer layer by RF planar magnetron sputtering for surface acoustic wave applications 41407
Wen-Chun Chen, Yan-Pei Wu A phase digitizer for digital radio frequency memory 1292
Wen-Chun Wang, Tzong-Sheng Chang, Fon-Shan Huang Study of tantalum-based diffusion barriers between Al and Si 19436
Wen-Chun Wang, Tzong-Sheng Chang, Fon-Shan Huang, Jiann-Ruey Chen Diffusion barrier study on $TaSi_x$ and $TaSi_xN_y$ 2256
Wen-Chung Chang *see* Wei-Ching Chuang 3120
Wen-Chung Kao, Tai-Ming Parng A midway router for general architecture designs 18423
Wen-Chung Tsai *see* Tz-Guei Jung 26448
Wen-Fa Wu *see* Bi-Shiou Chiou 41454
Wen-Guo Yang *see* Yang Wen-Guo
Wen-Hao Cheng, Gluckstern, R.L., Okamoto, H. Synchrobetatron-coupling effects in alternating-phase-focusing linacs 23977
Wen-Hsiang Tsai *see* Ling-Hwei Chen 21959
Wen-Hsien Fang, Yagle, A.E. A systolic architecture for new split algorithms for arbitrary Toeplitz-plus-Hankel matrices 42077
Wen-Hsing Hsu *see* Shin-Wen Lee 4775
Wen-Inne Tsai, Ming-Tsung Tsai, York-Yih Sun Effects of voltage unbalance and harmonics on three-phase SPWM AC-to-DC converters with instantaneous power feedback 8626
Wen-Inne Tsai, York-Yih Sun, Jia-You Lee Design of a high performance three-phase UPS with unity input power factor and high DC-voltage conversion ratio 8632
Wen-Jen Liang, Der-Ming Hou The effects of turbulent diffusion modeling on the estimation of collection efficiency for electrostatic precipitator 21179
Wen-Jiang Shi *see* Shi Wen-Jiang
Wen-Jie Chang *see* Chong-Yung Chi 4709
Wen-Jun Zhang *see* Zhang Wen-Jun
Wen-Jung Liu *see* Xiaoping Huang 34023
Wen-Kai Kuo *see* Chung-Yu Wu 18937
Wen-Lin Chiou, Yau, S.S.-T. Finite-dimensional filters with nonlinear drift. II. Brockett's problem on classification of finite-dimensional estimation algebras 29741
Wen-Ming Yao *see* Yao Wen-Ming
Wen-qui Gu *see* Gu Wen-qui
Wen-Rong Wu, Ming-Jenq Hsieh Blind equalization using a fast self-orthogonalizing algorithm 22302
Wen-Shyang Chen, Kin-Lu Wong, Jeen-Sheen Row Superstrate loading effects on the circular polarization and crosspolarization characteristics of a rectangular microstrip patch antenna 44573
Wen-Tao Chang *see* Cheng-Hong Chang 8395
Wen-Teng Lo, Tzuang, C.-K.C., Peng, S.-T., Ching-Cheng Tien, Chung-Chi Chang, Jenq-Wen Huang Resonant phenomena in conductor-backed coplanar waveguides (CBCPW's) 42142
Wen-Thong Chang, Chi-Wai Chang Rule-based system for Chinese newspaper segmentation 13795
Wen-Thong Chang *see* Shiang-Whea Lin 36843
Wen-Tong Chang *see* Hsun-Chang Hsieh 26352
Wen-Tsuen Chen, Chia-Hsien Wen, Chin-Wen Yang Fast two-dimensional entropic thresholding algorithm 30094
Wen-Xian Chen *see* Chen Wen-Xian
Wen-Yeau Chang *see* Hong-Tzer Yang 47606
Wen-Yen Hwang *see* Zhang, K. 676
Wen-Yen Wu, Wang, M.-J.J. Elliptical object detection by using its geometric properties 4820
Wen-Yi Chen *see* Chen Wen-Yi
Wen-Yi Wang, Harrap, M.J. Condition monitoring of rolling element bearings by using cone kernel time-frequency distribution 31101
Wen-Yi Wang *see* Wang Wen-Yi
Wen-zheng Wang *see* Shan-liang Liu 23022
Wenas, W.W. *see* Tabuchi, K. 8751
Wenbin Jiang, Shimizu, M., Mirin, R.P., Reynolds, T.E., Bowers, J.E. Electrically pumped mode-locked vertical-cavity semiconductor lasers 20804
Wenbin Jiang *see* Jiang Wenbin
Wenbing Wang *see* Wang Wenbing
Wenbo Hou *see* Hou Wenbo
Wencheng Niu *see* Niu Wencheng
Wencheng Su *see* Su Wencheng
Wenckebach, W.Th. *see* Burghoorn, J. 20654
Wende, B. *see* Stock, M. 23921
Wende Zheng *see* Zheng Wende
Wendel, C. *see* Hartleben, B. 47715
Wendel, M. *see* Lettau, C. 42517
Wendel, S. *see* Randall, B. 391
Wender, S.A., Balestrini, S., Brown, A., Haight, R.C., Laymon, C.M., Lee, T.M., Lisowski, P.W., McCorkle, W., Nelson, R.O., Parker, W., Hill, N.W. A fission ionization detector for neutron flux measurements at a spallation source 7232
Wender, S.A. *see* Gossett, C.A. 34070
Wendlandt, R.F. *see* Penn, B.S. 22076
Wendler, E., Bachmann, T., Wesch, W. Differences of damage production in GaAs and InP after MeV and low energy ion implantation 27634
Wendler, H. *see* Bee, C.P. 38899
Wendling, D. *see* Daryanani, S.L. 23597
Wendong Xu *see* Xu Wendong
Wendong Zhang *see* Zhang Wendong
Wendorff, E., Kallenbach, E. Direct drives for positioning tasks based on hybrid stepper motors 40531
Wendorff, W.von *see* von Wendorff, W.
Wendt, A. Structuring the sensor image process with respect to assembly technology 23708
Wendt, D.O. *see* Kruse, K.-D. 44448
Wendt, D.O. *see* ter Haseborg, J.L. 36295
Wendt, H. *see* Bohme, O. 40460
Wendt, J.R., Vawter, G.A., Gourley, P.L., Brennan, T.M., Hammons, B.E. Nanofabrication of photonic lattice structures in GaAs/AlGaAs 27551
Wendt, J.R. *see* Martens, J.S. 28414
Wendt, J.R. *see* Martens, J.S. 41855
Wendt, M. Beam position signal processing 13237
Wendt, R. *see* Hebert, T. 15720
Weng, C. *see* Astrachan, P. 1263
Weng, C.-M. *see* Li, J.-J. 37062
Weng, S., Cocivera, M. Preparation of copper indium diselenide by selenization of copper indium oxide 9672
Weng, S., Cocivera, M. Preparation and properties of cadmium telluride prepared by a three-step process 18236
Weng, W.T. *see* Mane, S.R. 38787
Weng, W.W., Leachman, R.C. An improved methodology for real-time production decisions at batch-process work stations 9214
Weng, Y., Zeng, G.L., Gullberg, G.T. A reconstruction algorithm for helical cone-beam SPECT 15741
Weng Cho Chew, Cai-Cheng Lu NEPAL — the use of Huygens' equivalence principle for solving the volume integral equation of scattering 44321
Weng Cho Chew *see* Cai-Cheng Lu 4030
Weng Cho Chew *see* Otto, G.P. 36976
Weng Juyang *see* Juyang Weng
Weng Pao-Shan *see* Pao-Shan Weng
Weng Ping Kuo *see* Ping Kuo Weng
Weng Ping-Kuo *see* Ping-Kuo Weng
Weng Rui *see* Hua Peizhong 1501
Weng Xinguang, Guo Zhuanyun, Wu Zhongkang, Niu Kongzhen, Chen Xiaojun, Jiang Yandao Measurements of refractive index of lithium niobate integrated optical substrate 11658
Weng Yih-Shin *see* Yih-Shin Weng
Weng Yizhi *see* Deng Bihe 28700
Weng Zhao-Heng *see* Zhao-Heng Weng
Wengenroth, H. *see* Roschert, H. 11047
Wenger, A. *see* Fenner, D. 22699
Wenger, G. *see* Muller, G. 35476
Wenger, G.M. *see* Munie, G.C. 34437
Wenger, J. *see* Guttich, U. 27264
Wenger, L.E. *see* Wang, L.-Q. 4017
Wenging Li *see* Li Wenging
Wengxing Zhang *see* Zhang Wengxing
Wenham, S.R. 'Wild ideas': radiation-resistant silicon solar cells 48128
Wenham, S.R. *see* Aberle, A.G. 33018
Wenham, S.R. *see* Campbell, P. 17387
Wenham, S.R. *see* Ebong, A.U. 33026
Wenham, S.R. *see* Shi, Z. 48124
Wenham, S.R. *see* Zhao, J. 20534
Wenham, S.R. *see* Zhao, J. 25700
Wenhsing Wu *see* Sjogren, L.B. 34280
Wenhua Dou, Haitang Chen, Kaiyu Cai, Yiqun Chen An Integrated Simulation Environment ISENET for computer communication networks: design and implementation 5534
Wenhua Du *see* Qinghai Miao 398
Wenhua Lin *see* Lin Wenhua
Wenhua Zhu *see* Zuoyu Shi 34611
Wenhua Zhu *see* Zhu Wenhua
Wenhui Cen, Wenxiang Dai, Baolin Wan, Xinhong Qiu Power system fault diagnosis based on a new feed forward neural networks 7996
Wenhui Cen *see* Cen Wenhui
Wenig, E. *see* Dohmen, A. 5367
Wenig, S. *see* Bachler, J. 46934
Weniger, R. *see* Magee, M. 5048
Wenin, J. *see* Sevenhans, J. 22870
Wenji Chen *see* Chen Wenji
Wenjie Ren *see* Ren Wenjie
Wenjie Wang New approached to induction machine air gap flux and torque measurement 40209
Wenjin Dai Performance analysis of an isolated small wind power supply system with single-phase induction generator 8248
Wenke, L. *see* Kiessling, A. 36063
Wenkel, J., Klausnitzer, S. Field test try-out of traction motor carbon brushes 17549
Wenli Xu, Kai Xia, Tao Hong Optimal solutions of PNP problem in computer vision 13705
Wenli Xu, Kai Xia, Tao Hong Optimal 3-D motion estimation based on stereo vision 13719
Wenliang Gao Displaying the energy distribution of Airy disk on oscilloscope 3737
Wenliang Qian *see* Qian Wenliang
Wenliang Wang *see* Wang Wenliang
Wenlong Qu *see* Qu Wenlong
Wenlu Wang *see* Guofan Jin 22122
Wenmu He, Celik-Butler, Z. 1/f noise in HgCdTe metal-insulator-semiconductor infrared detectors 6493
Wennan Song *see* Song Wennan
Wenner, V. *see* Lowell, J. 34749
Wennink, G.E. *see* Boom, W. 37676
Wennmacher, G., Yamada, H. Prototype of a dynamic fast-switching value with piezoelectrical operation 2740
Wenqi Wu *see* Wu Wenqi
Wenqi Zhang *see* Zhang Wenqi
Wensheng Du *see* Du Wensheng
Wensink, H.E. *see* Broersen, P.M.T. 13427
Wensu Cao *see* Cao Wensu
Wensveen, M. *see* Bachler, J. 46915
Wensveen, M. *see* Townsend, D.W. 15764
Wentao Yu *see* Yu Wentao
Wentao Zheng *see* Zheng Wentao
Wentink, M.J.E. *see* Pfaff, C.L. 24759
Wentorf, R.H. *see* Do-Heyoung Kim 2253
Wentorf, R.H. *see* Do-Heyoung Kim 26505
Wentworth, R.H. Large-scale longitudinal spatial-hole burning contribution to laser gain compression 3672
Wenwei Wang *see* Wang Wenwei
Wenxia Sima *see* Sima Wenxia
Wenxiang Dai *see* Wenhui Cen 7996
Wenxiang Dai *see* Dai Wenxiang
Wenxiang Wang Improved design of a high power mode selective directional coupler 27177
Wenxin Wang *see* Qinghai Miao 398
Wenxin Xu, Campbell, G. A distributed queueing random access protocol for a broadcast channel 30208
Wenxing Li *see* Li Wenxing
Wenxing Zhang *see* Siyuan Han 35289
Wenxiu Feng *see* Feng Wenxiu
Wenxong Lin *see* Lin Wenxong
Wenyan Yin *see* Yin Wenyan
Wenyan Zhang, Asplund, G. Active DC filter for HVDC systems 39578
Wenyao Wang *see* Kunji Chen 12332
Wenyao Wang *see* Wang Wenyao
Wenyu Gao *see* Gao Wenyu
Wenyu Hua *see* Hua Wenyu
Wenyuan Wei *see* Wei Wenyuan
Wenzbauer, D. *see* Hoang, L. 18712
Wenzel, H. *see* Amidei, D. 46890
Wenzel, H. *see* Bandelow, U. 35785
Wenzel, H. *see* Piprek, J. 43924
Wenzel, H. *see* Tkaczyk, S. 46989
Wenzel, H. *see* Wunsche, H.J. 12162
Wenzel, L. Personal computer employed for ultrasonic testing 38390
Wenzel, R.J. *see* Keezer, D.C. 6287
Wenzhe Luo *see* Luo Wenzhe
Wenzhen Zhang *see* Zhang Wenzhen
Wenzhi Gao *see* Gao Wenzhi
Wenzl, H. *see* Koai, K. 41233
Weppner, W. *see* Bredikhin, S. 6650
Weppner, W. *see* Schettler, H. 6649
Werby, M.F., Norton, G.V., White, E. The decomposition of guided waves into spherical representations and near-field effects on target scattering 23222
Werby, M.F. *see* Bottcher, C. 23225
Werby, M.F. *see* Dean, C.E. 23220
Werby, M.F. *see* Norton, G.V. 23221
Werby, M.F. *see* White, E. 23223
Wercinski, P.F. *see* McMurray, R.E., Jr. 15633
Werelius, P., Eriksson, R., Braun, J.M., Sedding, H.G. Temporal characteristics of partial discharge in voids under DC excitation 2692
Werf, A.van der *see* van der Werf, A.
Werf, C.H.M.Van Der *see* Van Der Werf, C.H.M.
werf, K.O.van der *see* van der werf, K.O.
Werkhoven, C., Granneman, E., Kwakman, L., Hendriks, M., Verhaverbeke, S., Heyns, M., Bender, H. Cluster-tool integrated HF vapor etching for native oxide free processing 34736
Werkhoven, G.H.C.van *see* van Werkhoven, G.H.C.
Werle, D. *see* Ahern, F.J. 32120
Werlen, K., Glavitsch, H. Computation of transients by parallel processing 24600
Werman, M. *see* Keren, D. 21941
Werman, M. *see* Sprinzak, J. 45178
Wernekinck, E., Valenzuela, H., Anfossi, I. On the analysis of power electronics circuits waveforms with wavelets 16959
Werner, C. *see* Kersch, A. 33705
Werner, C.L., Wassel, W.W., Novak, V. Modernising the Temelin VVER power plant 8047
Werner, C.L. *see* Gangloff, W.C. 25153
Werner, D.H. An exact formulation for the vector potential of a cylindrical antenna with uniformly distributed current and arbitrary radius 21372
Werner, D.H., Werner, P.L. An exact expression for the vector potential of a uniform current cylindrical antenna 44552
Werner, D.H., Werner, P.L., Huffman, J.A., Ferraro, A.J., Breakall, J.K. An exact solution of

the generalized exponential integral and its application to moment method formulations 36354
Werner, J. Towards second-generation R&D consortia 184
Werner, J. *see* Adam, W. 7259
Werner, J. *see* Adam, W. 31715
Werner, J. *see* Adam, W. 46929
Werner, J. *see* Lenzen, G. 46932
Werner, J.H., Spadaccini, U., Banhart, F. Low-temperature ohmic Au/Sb contacts to n-type Si 27579
Werner, J.H. *see* Kolodinski, S. 8761
Werner, K. Emissive flat-panel displays 38254
Werner, K., Butzke, S., Radelaar, S., Balk, P. Evidence for non-hydrogen desorption limited growth of Si from disilane at very low temperatures in gas source molecular beam epitaxy? 41365
Werner, K. *see* Cheung, R. 27739
Werner, K. *see* van der Drift, E. 27753
Werner, K.I. The flat panel's future 31350
Werner, L.L. *see* Chang, J.T. 19977
Werner, M. Influence of the signal bandwidth on bit error rates in frequency-selective mobile radio channels 30191
Werner, M. *see* Balewski, K. 46775
Werner, M. *see* Bottcher, A. 45895
Werner, M. *see* DiSessa, P. 265
Werner, M.J., Drummond, P.D. Simulton solutions for the parametric amplifier 21042
Werner, P., Jager, W., Schuppen, A. Interface structure and Schottky barrier height of buried $CoSi_2$/Si(001) layers 10737
Werner, P., Liliental-Weber, Z., Swider, W., Sohn, H., WaiFan Yau, Baranowski, J., Weber, E.R. Defects in GaAs bulk crystals and multi-layers caused by In diffusion 34511
Werner, P. *see* Claverie, A. 749
Werner, P.L. *see* Werner, D.H. 36354
Werner, P.L. *see* Werner, D.H. 44552
Werner, U. *see* Becker, J. 31672
Werner, Z. *see* Piekoszewski, J. 48115
Werneth, R. *see* Pullen, J.L. 47163
Wernick, M.N. *see* Wu, C. 39027
Wernik, A.W., Yeh, K.C. Chaotic behavior of ionospheric scintillation: modeling and observations 44343
Wernisch, L. *see* Matousek, J. 26313
Wernli, C. *see* Aroua, A. 32001
Wernsdorf, R. *see* Hornauer, G. 36546
Werrett, S.T. *see* Calcutt, S.B. 24493
Wersing, W. *see* Ivers-Tiffee, E. 17371
Wert, D.A. Application of fluidized bed combustion for use of low grade and waste fuels in power plants 39942
Werth, A.v.d. *see* v.d. Werth, A.
Wertheimer, M.R. *see* Guenther, P. 35123
Wertheizer, G. *see* Berger, S. 37359
Werthen, M. *see* Becks, T. 42230
Werthenbach, U. *see* Schmidt, S. 31669
Werther, K. The complexity of sparse polynomial interpolation over finite fields 33525
Werthmann, J.R. *see* Hong, L. 29847
Werthof, A., van Raay, F., Kompa, G. Direct nonlinear power MESFET parameter extraction and consistent modeling 2580
Werthof, A. *see* Macho Cacho, L. 27222
Werthschutzky, R. *see* Penzold, A. 46354
Wertman, W. *see* Gaunaurd, G.C. 23215
Wertz, J. *see* Frank, R. 40638
Weruaga-Prieto, L., Cid-Sueiro, J., Figueiras-Vidal, A.R. A fast RLS look-up-table plus FIR adaptive echo canceller 18891
Weruaga-Prieto, L. *see* Cid-Sueiro, J. 30282
Werwa, E., Seraphin, A.A., Chiu, L.A., Chuxin Zhou, Kolenbrander, K.D. Synthesis and processing of silicon nanocrystallites using a pulsed laser ablation supersonic expansion method 41462
Wery, B. Medium and low bit rate vocoders: the code excited linear predictive vocoder and the multi-band excited vocoder 22682
Wery, B. *see* de Mateo, M.L. 37935
Wery, B. *see* Deketelaere, S. 13145
Wesch, W. Modification of $A_{III}B_V$ semiconductor layers by ion implantation 27632
Wesch, W. *see* Wendler, E. 27634
Wesche, R., Fuchs, A.M. Design of superconducting current leads 20230
Weschta, A. Power converters with IGBTs for the new light rail vehicle for the City of Frankfurt 8922
Weschta, A. *see* Rohlig, S. 25886
Wesenbeeck, M.P.N.van *see* van Wesenbeeck, M.P.N.
Wesfphal, V. *see* Dahme, R. 47169
Wesfreid, E., Wickerhauser, M.V. Adapted local trigonometric transforms and speech processing 44802
Wesner, F. *see* Wedler, H. 44599
Wesolowski, K. Adaptive channel estimation for maximum likelihood sequence estimation 4360
Wesolowski, K. *see* Bogucka, H. 22679
Wesp, T. *see* Auerhammer, J. 43978
Wessel, L.F. Co-op designs 'mini-SCADA' system for lowest cost 32341
Wesselborg, C.B. *see* Govaert, K. 31556
Wesselman, E., Prasad, R., Kegel, A. Bit error probability of MDPSK in a Rician faded microcellular radio network with diversity reception 30645
Wessels, B.W. *see* Wang, X.Z. 28590
Wessels, J. *see* Adan, I.J.B.F. 5195
Wessenmayer, S. *see* Frank, H.-P. 42626
Wesson, T.R. *see* Amidei, D. 46890
Wesson, T.R. *see* Tkaczyk, S. 46989
West, A. *see* Kwan, J.W. 38828
West, B.O. *see* Bell, J.M. 35480
West, G. *see* Robey, M. 4964
West, G.A.W., Rosin, P.L. Using symmetry, ellipses and perceptual groups for detecting generic surfaces of revolution in 2D images 29746
West, G.A.W. *see* Rosin, P.L. 13685
West, J.C. Comparison of modeled backscatter from slightly rough curved surfaces with numerical predictions 24506
West, J.E. *see* Elko, G.W. 47306
West, J.L. Liquid-crystal displays 35503
West, J.L., Akins, R.B., Francl, J., Doane, J.W. Cholesteric/polymer dispersed light shutters 3835
West, J.N., Knight, J.D. A high-resolution direct-drive diffraction grating rotation system 23487
West, J.N. *see* Knight, J.D. 23488
West, J.P., Fry, H.W., Poon, S., Boeck, B.A., Yu, C.C. The application of APCVD TEOS/ozone thin films in $\leqslant 0.5\ \mu m$ IC fabrication: trench and intermetal dielectric isolation and gap fill 19665
West, J.P. *see* Fry, H.W. 43109
West, J.R. A template for a computerized plant electrical distribution system documentation tool 48492
West, K. *see* Zachau-Christiansen, B. 17335
West, K.W. *see* Dykaar, D.R. 744
West, K.W. *see* Kane, B.E. 10708
West, K.W. *see* Schuppler, S. 2020
West, K.W. *see* Wegscheider, W. 12250
West, L. *see* Ang, S.S. 42587
West, L.C. *see* Henderson, G.N. 20905
West, N.D., Clarke-Gayther, M.A. Optimisation of ISIS injector linac RF settings by use of a beam phase monitoring system 7087
West, N.D. *see* Sidlow, R. 7133
West, P. Corrosion of switchgear 17129
West, P.J. *see* Narula, R.G. 40017
West, R.H., Dowling, S., Lewis, R.B.J., Sikora, E.S.R., Wright, J.V. The effects of ionising radiation and hydrogen on erbium doped fibre amplifiers 3540
West, R.J., Shamblin, D.L., Farr, R.J. Constructability of design: partnership, measurement and feedback for total quality 39501
Westall, J.M., Narasimha, M.S. Vertex directed segmentation of handwritten numerals 4818
Westberg, H., Boman, M., Carlsson, J.O. Laser-assisted chemical vapour deposition of $TiSi_2$: aspects of deposition and etching 10992
Westbrook, G. *see* Begay, M.J. 338
Westbrook, L.D. *see* Tatham, M.C. 6050
Westbrook, L.D. *see* Tatham, M.C. 35419
Westbrook, L.D. *see* Tatham, M.C. 44090
Westbrook, S. *see* Chang, F.C. 9297
Westcott, B.S., Zaporozhets, A.A. Fast synthesis of aperture distributions for contoured beam reflector antennas 12735
Westcott, M. *see* Smith, B.W. 2379
Westcott, M.R. *see* Waechter, D. 10657
Westdorp, A.F. *see* Nunez, P.L. 39040
Weste, N. *see* Brinthaupt, D. 30972
Westelius, C. *see* Granlund, G.H. 36937
Westenskow, G.A. *see* Houck, T.L. 23954
Westenskow, G.A. *see* Sampayan, S.E. 34469
Wester, W. *see* Tkaczyk, S. 46989
Wester, W.C., III *see* Amidei, D. 46890
Westerberg, A.W. *see* Subrahmanian, E. 9208
Westerberg, L. *see* Avdeichikov, V.V. 7239
Westerberg, L. *see* Bergmark, T. 31594
Westerfield, P.L. *see* Tipton, G.D. 42672
Westergren, U. *see* Kjebon, O. 37991
Westerhoff, T., Wiedemann, K. Production-oriented design of electronic systems; analytical device characterisation 26147
Westerhuijs, P. *see* Carlile, C.J. 47001
Westerkamp, D. *see* Amor, H. 30992
Westermann, D. *see* Handschin, E. 47424
Westermann, M. *see* Fichtner, W. 2639
Westermann, T. Numerical modelling of the stationary Maxwell-Lorentz system in technical devices 29108
Westervelt, R.M. *see* Mar, D.J. 28199
Westervelt, R.M. *see* Marcus, C.M. 42490
Westfall, G.D. *see* Maier, M. 31783
Westfall, W.B. *see* DeVeau, G.F. 6006
Westkamper, E. *see* Jeschke, K. 9319
Westkamper, E. *see* Jutting, K. 26232
Westlake, W. *see* Heintze, M. 27763
Westman, A. *see* Huth-Fehre, T. 35961
Westmancoat, J. SOLSTICE: training for online systems via satellite 14541
Weston, D., Sellers, J., Duffin, B. Via fill processing for submicron multilevel metal systems 2226
Weston, H.T., Lee, V.W., Stanik, T.D. A newly observed high frequency effect on the ESD protection utilized in a gigahertz NMOS technology 28283
Weston, J. *see* Perry, M.D. 20743
Weston, J.S. *see* Stuart, E.J. 41155
Weston, K.C. Interacting with turbine velocity diagrams using a PC engineering workstation 8145
Weston, R.H. *see* Jing Bing Zhang 9235
Weston, V.H. *see* He, S. 29157
Weston, W.J. National and Scottish vocational qualifications: the implications for engineering institutions and higher education 9162
Westphal, A.J. *see* He, Y.D. 24088
Westphal, B.R. *see* Krieger, C.D. 23474
Westphal, D. *see* Barber, D.P. 31578
Westphal, F.-J. *see* Hermes, T. 14632
Westphal, F.-J. *see* Hermes, T. 38106
Westphal, F.J. *see* Schnabel, R. 38076
Westphal, F.J. *see* Schnabel, R. 38128
Westphal, H., Popovic, D. Latency and bandwidth evaluation of distributed transputer networks based on FDDI, and HIPPI T9000 links 37489
Westphalen, R., Boudart, B., Theron, D., Wallart, X., Druelle, Y., Crosnier, Y. Temperature measurements of LT GaAs diodes 19740
Westphall, C.B. *see* Assoul, S. 14038
Westphall, C.B. *see* Assoul, S. 14057
Westwig, E. *see* Proctor, B. 3491
Wesztergom, V. Geomagnetic induction hazard—a review 22746
Wetherbee, T. SMT manual repair: new techniques and directions 42304
Wetherhold, R.C., Panthalingal, N. Piezoelectric PZT/epoxy composites for sensing and actuating torsional motion 20045
Wets, J.F. Thomson-CSF and Ada for ATC. An experience of eight years 32051
Wetsel, A.E. *see* Bernstein, J.B. 20031
Wetsel, A.E. *see* Paul, W. 35556
Wetsel, G.C., Jr. *see* McBride, S.E. 11436
Wetter, M. *see* Peier, D. 23664
Wetter, N.U., Maldonado, E.P., Vieira, N.D., Jr. Enhanced efficiency of a continuous-wave mode locked Nd:YAG laser by compensation of the thermally induced, polarization-dependent bifocal lens 3538
Wettergreen, D., Thorpe, C., Whittaker, R. Exploring Mount Erebus by walking robot 24462
Wettling, W. *see* Sterk, S. 33019
Wetzel, R.C. *see* Choquette, K.D. 3605
Wetzel, R.C. *see* Choquette, K.D. 27729
Wetzer, J.M., Wouters, P.A.A.F. The effect of insulator charging on breakdown and conditioning 1801
Wetzler, H. *see* Tauschwitz, A. 31573
Wetzlinger, H. *see* Buchacher, E. 47798
Wever, U. *see* Schneider, M. 26574
Wever, U. *see* Schneider, M. 33830
Weverka, R.T., Sarto, A.W., Wagner, K. Photorefractive phased-array-radar processor dynamics 12786
Wevers, M., de Meester, P., Lodewijckx, M., Ni, Y., Marchal, G., Jiang, Y., Dequeker, J., Geusens, P., Vandeursen, H., de Ridder, D., Baert, L., Pittomvils, G., Boving, R. Application of microfocus X-ray radiography in materials and medical research 18370
Wexler, A. Transmission-line modelling for large systems 10558
Wey, A.C., Kessler, L.W. Ultrasonic imaging of damage progression in composite laminates 9838
Wey, C.-L. *see* Kang, J.-W. 10128
Wey, C.-L. *see* Kang, J.-W. 33969
Wey, C.-L. *see* Krishnan, S. 1282
Wey, C.-L. *see* Lai, C.-S. 18549
Wey, C.-L. *see* Shieh, M.-D. 10050
Wey, C.-L. *see* Shieh, M.-D. 10132
Wey Yih-Guei *see* Yih-Guei Wey
Wey-Wen Jiang, Meadows, H.E. Classification and compression of digital newspaper images 29937
Weyer, G., Kringhoj, P., Freitag, K. The lattice location and electrical activity of ion-implanted Sn in InP 42629
Weyer, G. *see* Thomsen, E.V. 42632
Weyer, H. *see* Feilcke, F. 8097
Weyers, M. Some theoretical aspects of carbon incorporation into III-V's 42650
Weyers, M., Sato, M. Growth of GaAs and GaP from TMG: a comparison 777
Weygand, D.P. *see* Bar-Yam, Z. 46864
Weyh, T. *see* Schmid, M. 47032
Weymann, M. *see* Beer, A. 31662
Weymann, M. *see* Dufey, J.-P. 38940
Weyrauch, T., Willner, R., Jakob, E., Haase, W. Relaxation of piezoelectricity and nonlinear optical properties of poled polymers 44074
Wezelenburg, M.G. *see* Kreuger, F.H. 32423
Wezelman, J.J. *see* Dierichs, M.M.Th.M. 35264
Wezelman, J.J. *see* Honingh, C.E. 2885
Wgdeven, T. *see* Wood, P.C. 34863
Wha Chong Jong *see* Jong Wha Chong
Whalen, M.S. *see* Heismann, F. 14593
Whalen, M.S. *see* Heismann, F. 38093
Whalen, M.S. *see* Heismann, F. 45723
Whaley, J.S. Case studies of Technical Construction Files [EMC compliance] 36239
Whalley, D.C. *see* Goward, J.M. 19236
Whang, H. *see* Bae, M. 29540

Whang, I.H., Sung, T., Lee, J.G. Stability of a decoupled tracking filter with pseudomeasurements in line-of-sight Cartesian co-ordinate system 38140
Whang Ick Ho *see* Ick Ho Whang
Whang Ki-Woong *see* Ki-Woong Whang
Whapshott, G.F., Vaezi-Nejad, S.M., Lidgate, D. A critical review of the HND course in electronic engineering at the University of Greenwich 17763
Wharmby, D.O. Electrodeless lamps for lighting: a review 8973
Wharton, C.B. *see* Barreto, G. 42370
Whatmore, R.W., Stringfellow, S.B., Shorrocks, N.M. Ferroelectric materials for uncooled thermal imaging 28303
Whatmore, R.W. *see* Patel, A. 11448
Whatmore, R.W. *see* Patel, A. 28341
Whatmore, R.W. *see* Tossell, D.A. 35201
Wheadon, R. *see* Masciocchi, S. 7182
Whealton, J.H. *see* Cowan, R.G. 46728
Wheatley, C.E. *see* Shapira, J. 37782
Wheatley, C.F. *see* Brews, J.R. 34987
Wheatley, C.T. Drives 17455
Wheatley, R. *see* Chen, R.H. 32470
Wheatley, R.J., Hedgecock, J.J. Waste to energy in South East London 25210
Wheatley, S.E. Tracker—stolen vehicle recovery system 22987
Wheeldon, J.M., Drenker, S.G., Booras, G.S., McKinsey, R.R. Further assessment of the economics and environmental performance of pressurized fluidized-bed combustion power plants 32640
Wheeler, D.J., Lesieur, R.R. Requirements for the direct methanol/air fuel cell 17304
Wheeler, D.J. *see* Landgrebe, A.R. *(editor)* 9085
Wheeler, D.R., Hutton, S., Stein, S., Baiocchi, F., Cheng, M., Taylor, G. New silicon-rich silylating reagents for dry-developed positive-tone deep-ultraviolet lithography 27958
Wheeler, D.R. *see* Taylor, G.N. 28037
Wheeler, F.S. *see* Filaseta, M. 26351
Wheeler, G. *see* Kritzinger, P.S. 13889
Wheeler, P. Permanent magnets update 8300
Wheeler, P.W., Grant, D.A. A low loss matrix converter for AC variable-speed drives 8568
Wheeler, R.G. *see* Anderson, W.R. 19470
Wheeler, S. *see* Gibbon, M. 35489
Wheeler, W.B. *see* Fujita, Y. 39744
Whelan, M.A. *see* Gunsch, G.H. 24576
Whelan, P.F., Batchelor, B.G. Flexible packing of arbitrary two-dimensional shapes 29981
Whelan, P.F. *see* Batchelor, B.G. 45229
Whelen, C. *see* Dowell, D.H. 12255
Wheless, W.P., Jr. *see* Wurtz, L.T. 23953
Wheless, W.P., Jr. *see* Wurtz, L.T. 24099
Wherrett, B.S., Snowdon, J.F., Bowman, S., Kashko, A. Digital output circuits for 2-D data processing 11740
Wherrett, B.S. *see* Desmulliez, M.P.Y. 20399
Wherrett, B.S. *see* Desmulliez, M.P.Y. 43511
Wherrett, B.S. *see* McArdle, N. 11764
Whilde, N.J., Conway, J., Bomford, C.K. The development of quality assurance for Sheffield's radiotherapy treatment planning systems 24336
Whinnett, N.W. Tetra high speed performance for police and rail applications 22889
Whinston, A.B. *see* Butterfield, J. 30363
Whinston, A.B. *see* Chang, A.-M. 17771
Whipple, D.P. North American cellular CDMA 22325
Whisnant, J.K. *see* Smith, S.D. 20784
Whitaker, H. *see* Hagopian, V. 24019
Whitaker, J. *see* Ballingall, J.M. 33604
Whitaker, J. *see* Kim, J. 1651
Whitaker, J.F. Optoelectronic applications of LTMBE III-V materials 20393
Whitaker, J.F. *see* Cheng, H. 6764
Whitaker, J.F. *see* Gupta, S. 38488
Whitaker, J.F. *see* Joo-Hiuk Son 18966
Whitaker, J.F. *see* Katehi, L.P.B. 19102
Whitaker, J.S. *see* Abe, K. 7260
Whitaker, J.S. *see* Abe, K. 15619
Whitaker, J.S. *see* Abe, K. 46930
Whitaker, L.A., Peters, L.J., Mitchell, J. Measuring human performance as a function of speech communication using the close combat test bed (CCTB) facility 4583
Whitaker, R.T. Characterizing first and second-order patches using geometry-limited diffusion 37035
Whitaker, S. *see* Cameron, K. 18784
Whitaker, S.R. *see* Bobin, V. 12911
Whitaker, S.R. *see* Liu, M.N. 18595
Whitaker, T.J. *see* Foord, J.S. 697
Whitaker, T.J. *see* Foord, J.S. 42782
Whitbourn, L.B. *see* Macfarlane, J.C. 38492
Whitbread, N.D., Roberts, J.S., Robson, P.N., Pate, M.A. Green second-harmonic surface emission from (211)B GaAs/AlGaAs waveguides 12371
Whitbread, N.D., Robson, P.N. Theoretical analysis of passive visible surface-emitting second-harmonic generators 44114
Whitby, B. Analysis of a half-rate invertible Type-II hybrid protocol for meteor burst communication 14559
White, A. *see* Boardman, R. 16695
White, A. *see* Jairath, R. 19606
White, A.E. *see* Liddle, J.A. 11001
White, A.E. *see* Miller, B. 42658
White, A.E. *see* Radermacher, K. 10741
White, A.L. Simplifying semi-Markov fault recovery models 33438
White, A.L. A simulated-life validation experiment for fault-tolerant systems 33451
White, B., Wygant, R. Ergonomic analysis of lifting tasks using computerized cinematography 6248
White, B.A. *see* Ahmed, M. 13722
White, B.A. *see* El-Mahy, M. 47323
White, B.E. *see* Eckstein, B. 37863
White, C.J., Coyle, M.R., Paxton, A.H., O'Shea, P.G., Bender, S.C., Byrd, D.A., Feldman, D.W., Goldstein, J.C., Pitcher, E.J., Zaugg, T.J. Experiments in sideband suppression on the Los Alamos National Laboratory free-electron laser 28893
White, C.J. *see* Paxton, A.H. 28917
White, C.W. *see* Erokhin, Yu.N. 10749
White, C.W. *see* Fulin Xiong 21023
White, C.W. *see* Haglund, R.F., Jr. 21065
White, D.H. *see* Anderson, G. 38901
White, D.J. *see* Foster, B. 31714
White, D.L. *see* MacDowell, A.A. 27832
White, D.L. *see* Murphy, J.B. 27813
White, D.L. *see* Tichenor, D.A. 27831
White, D.R. The design and manufacture of anthropomorphic phantoms 24194
White, D.R. The specification of 25 phantoms presented at the Wurzburg Workshop (June, 1992) 24195
White, E., Werby, M.F., Norton, G.V. The classification of elastic shell resonances on curved bounded surfaces to very high frequencies 23223
White, E. *see* Norton, G.V. 23221
White, E. *see* Werby, M.F. 23222
White, F. *see* Shann, R. 36934
White, F.H., Campbell, R.D., Hiddleston, H.R., Lyman, D.D., Schafer, E.L. Ray redistribution optics for high-feedback annular resonators. II. Resonator analysis with wave optics 28904
White, F.H. *see* Feiock, F.D. 28903
White, G. *see* Perfecto, E. 9307
White, G. *see* Perfecto, E.D. 9255
White, G.L. Operational life testing of power transistors switching unclamped inductive loads 28115
White, H. *see* Proudley, G.M. 43437
White, H. *see* Vaughan, A.S. 38091
White, H.J., Brocklehurst, J.R., Crossland, W.A., McLaren, I.M., Monro, D.M., Walker, A.C. Optically connected parallel machines 11795
White, H.J. *see* Walker, A.C. 11904
White, H.L. Membrane separations in the electronics industry 33346
White, H.S. *see* Shulong Li 18316
White, I.A. *see* Smith, G.E. 38539
White, I.H., Williams, K.A., Burns, D., Sibbett, W., Vasil'ev, P.P., Fice, M.J. Picosecond pulse generation in multisection diode lasers by gain-switching and Q-switching 12254
White, I.H. *see* Clements, S.J. 14670
White, I.H. *see* Constable, J.A. 12147
White, I.H. *see* Constable, J.A. 20865
White, I.H. *see* Constable, J.A. 28942
White, I.H. *see* Tsang, H.K. 3804
White, I.H. *see* Williams, K.A. 20781
White, I.H. *see* Williams, K.A. 35822
White, I.H. *see* Williams, K.A. 35838
White, J. Advanced relay testing 16466
White, J. *see* Holly, D. 14158
White, J. *see* Kamon, M. 26612
White, J. *see* Kim, S. 1652
White, J. *see* Neaves, G. 11184
White, J.A. *see* Todd, J.R. 39286
White, J.B. Ruling span concept is reexamined for sagging techniques [power overhead lines] 16385
White, J.D. An ultra high resolution displacement transducer using the Coulomb blockade electrometer 6462
White, J.D. The steam generator repair project of the Donald C. Cook nuclear plant, Unit 2 32612
White, J.D. *see* Williams, D.A. 2600
White, J.D.H. *see* Wilkinson, G.P. 46316
White, J.F. *see* Kobeda, E. 11291
White, J.K. *see* Lumsdaine, A. 26568
White, J.M. *see* Heitzinger, J.M. 26462
White, J.M. *see* Kelly, P.M. 21922
White, J.M. *see* Yan, J. 34781
White, J.O., Hulin, D., Joffre, M., Migus, A., Antonetti, A., Toussaere, E., Hierle, R., Zyss, J. Ultrabroadband second-harmonic generation in organic and inorganic thin crystals 21044
White, J.R. *see* Vidrine, D.W. 16653
White, J.T., Gui, M., Huson, F.R., Li, Z., Ostrovsky, T., Pope, R., Reese, D., Suson, D. Liquid scintillating fiber calorimetry: some recent R&D results 31751
White, J.T. *see* Gui, M. 24021
White, J.T. *see* Gui, M. 24075
White, K.P., Jr., Hutchinson, T.E., Carley, J.M. Spatially dynamic calibration of an eye-tracking system 24324
White, L.B. A fast recursive algorithm for the maximum likelihood estimation of the parameters of a periodic signal 21727
White, M. *see* Drake, S. 9877
White, M.D., Chattot, J.J. Investigation of the use of Chimera for solving Maxwell's equations for electromagnetic propagation in the time domain 41225
White, M.G., Bittar, A. Uniformity of quantum efficiency of single and trap-configured silicon photodiodes 23615
White, M.H. *see* Ma, Z. 18521
White, M.P. *see* Andrasic, G. 12762
White, M.S. *see* Flockton, S.J. 29691
White, N.M., Ko, V.T.K. Thick-film acoustic wave sensor structure 6376
White, N.M. *see* Shi, W.J. 6399
White, N.R. Comments, with reply, on 'Dose perturbation by wafer charging during ion implantation' by Y. Sato et al 10825
White, O. *see* O'Kane, M. 4580
White, P. *see* Head, M. 13947
White, P. *see* Wu, Z. 42153
White, P.M., Healy, R.M. Improved equivalent circuit for determination of MESFET and HEMT parasitic capacitances from "Coldfet" measurements 27229
White, R., Reza Taherian, M. Measuring the dielectric permittivity of filter cakes 6735
White, R.C. *see* Jiang, J.C. 31192
White, R.E. *see* Kim, J. 48079
White, R.E. *see* Mao, Z. 25659
White, R.E. *see* Popov, B.N. 8737
White, R.G. Cross-section estimation and image segmentation by simulated annealing 38152
White, R.G. *see* Blacknell, D. 37046
White, R.G. *see* Blacknell, D. 38148
White, S. *see* Aubourg, E. 19925
White, S. *see* Kistenev, E. 31694
White, S. *see* Lenarcic, J. 37235
White, S. *see* Stockwell, W. 18495
White, S. *see* Young, B.A. 24033
White, S.A. A design approach for a decimation filter 27063
White, S.R., Reese, K., Sato, S., Kaler, S.G. Spectrum of EEG findings in Menkes disease 7423
White, S.R. *see* Shen, C.Y. 4094
White, S.W., Hester, P.D., Kemp, J.W., McWilliams, G.J. How does processor MHz relate to end-user performance? II. Memory subsystem and instruction set 10196
White, T.K., Cassidy, S.A. Optical 'leaky feeder' for broadcast applications based on D-fibre 30751
White, T.R., Ciosek, W.J., Prinz, E.J., King, C.F., Blumenthal, R., Stager, C.W., Somero, B.M., Woo, M.P., Sharma, U., Fiordalice, R.W., Klein, J.L. Extending resist etch back planarization to 0.5 μm logic and ASIC circuits 19664
White, T.S. *see* Adler, R.B. 47543
White, W., Holden, P. Marginal programming triggers failures in EPROM memories 34036
Whiteaway, J.E.A. *see* Ring, W.S. 35864
Whitefield, A. *see* Hill, B. 37569
Whitefield, P.D., Hager D.E., Trueblood, M.B., Barnett, W.M., Helms, C. Experimental investigations of homogeneous and heterogeneous nucleation condensation processes and products in COIL 35683
Whitehead, A.J. *see* Sussmann, R.S. 42395
Whitehead, A.M. *see* Johnson, P.C. 41442
Whitehead, M. Positive charging—health checks for batteries 25528
Whitehead, M. *see* Law, K.-K. 3145
Whiteborn, M. Expert systems: a new approach to network fault diagnosis 14148
Whitehouse, C.R. *see* Emeny, M.T. 656
Whitehouse, C.R. *see* Thompson, J.H. 2017
Whitehouse, D. *see* Anderson, G. 38901
Whitehouse, D.J. Trends in instrumentation for roughness and form measurement 46611
Whitehouse, D.R. The divergence and Strehl ratios of L-G multi-mode beams 3739
Whitehouse, N.R. Powder coating hazards 33770
Whitehouse, R.S. Protecting a HVDC link against accidental isolation from its receiving AC system 25023
Whiteley, J.S. Elevated temperature operation of laser diodes for pumping 20725
Whiteley, S. *see* Robinson, G.A. 46520
Whiteley, S.R. *see* Martens, J.S. 28414
Whiteley, S.R. *see* Martens, J.S. 41855
Whiteman, D.A. *see* Eskeldson, D.D. 38596
Whites, K. *see* Michielssen, E. 21229
Whites, K.W. *see* Jerse, T.A. 36271
Whiteway, J.A. *see* Donovan, D.P. 24492
Whitfield, D.J.C. Human factors in the UK nuclear industry 39726
Whitfield, K. *see* Beckman, P. 6843
Whitford, B.G. Uncertainty in frequency measurements at 88 THz made with the NRC frequency chain: frequency of the NRC HeNe/CH_4 laser 6722
Whitford, B.G. *see* Siemsen, K.J. 23384
Whiting, J.M.W. *see* Faddoul, R.Y. 8927
Whiting, P.A. *see* McDonald, J.R. 32285
Whiting, P.A. *see* McDonald, J.R. 32286
Whitlatch, W.F., Jr. *see* Seppa, T.O. 24938
Whitley, S. *see* Krist, P. 43338
Whitley, T. *see* Davey, S.T. 3546
Whitley, T. *see* Wyatt, R. 3509

Whitley, T.J., Wyatt, R. Alternative Gaussian spot size polynomial for use with doped fiber amplifiers 43777
Whitlock, J. *see* Ross, W.E. 28533
Whitlock, J.B., Panayotatos, P., Sharma, G.D., Cox, M.D., Sauers, R.R., Bird, G.R. Investigations of materials and device structures for organic semiconductor solar cells 8771
Whitlow, H.J. *see* Avdeichikov, V.V. 7239
Whitlow, H.J. *see* Hult, M. 27578
Whitman, I. Shedding 22 lb from a portable computer 33388
Whitman, J.W.E., Ramsay, B., Hirose, T., McCully, P.K., Lapp, D., Zilinskas, V. Simulation of ice applications requirements and ground segment performance [RADARSAT] 32105
Whitman, N.M. Improved project planning for a new gas turbine 16683
Whitman, N.M. Planning and scheduling a schedule's performance 39504
Whitmarsh-Everiss, M.J. The mathematical modelling of plant behaviour: an evolutionary history and forward projection. Part 3 8061
Whitmer, J. *see* Bidwell, P. 32674
Whitmore, G.M. *see* Ashkenazi, V. 32102
Whitmore, J. *see* Abbott, B. 7245
Whitmore, J. *see* Wang, M.-Z. 31689
Whitmore, L.C. *see* Puttick, K.E. 27668
Whitney, D.K., Jr. *see* Jung, T. 14894
Whitney, S. PFBC applications in utility systems 8162
Whitney, W. *see* Bowman, S.R. 3492
Whitney, W. *see* Bowman, S.R. 20727
Whitt, W. Tail probabilities with statistical multiplexing and effective bandwidths in multi-class queues 22333
Whitt, W. Towards better multi-class parametric-decomposition approximations for open queueing networks 26274
Whitt, W. *see* Abate, J. 5206
Whittaker, D. *see* Lee, R. 18604
Whittaker, D.M. *see* Harrison, P.A. 42857
Whittaker, D.M. *see* Turner, T.S. 42505
Whittaker, R. *see* Wettergreen, D. 24462
Whittaker, S., Geelhoed, E., Robinson, E. Shared workspaces: how do they work and when are they useful? 31070
Whittaker, S. *see* O'Conaill, B. 45656
Whittaker, T.J.T. The development of shoreline wavepower in the UK 25258
Whittingham, K. The European scene [digital broadcasting projects] 30955
Whittingham, T.A. *see* Henderson, I. 15817
Whittingham, T.A. *see* Jago, J.R. 47066
Whittingham, T.A. *see* Wallace, J.J.A. 7376
Whittington, G., Spracklen, T., Haugh, J., Faulkner, H. Automated radar behaviour analysis using neural network architectures 30867
Whittington, G., Spracklen, T., Haugh, J., Faulkner, H. Automated radar behaviour analysis using neural network architectures 30887
Whittle, G. *see* Oxley, J. 26314
Whittum, D.H. *see* Sessler, A.M. 7120
Whittum, D.H. *see* Wurtele, J.S. 6873
Whitworth, P. *see* Berruto, E. 45360
Whyborn, N.D. *see* Greve, A. 38197
Whynot, T. *see* Manzer, A.M. 8084
Wiak, S., Pelikant, A., Turowski, J. Solution of TEAM Workshop Problem 7 by reluctance network method (asymmetrical conductor with a hole) 44251
Wiak, S. *see* Komeza, K. 47940
Wiart, A.C. *see* Bonal, J. 8296
Wiatr, W. Concepts of deembedding and unterminating based on the noise power measurements 6759
Wichart, S. *see* Burdge, G. 3215
Wichert, B. *see* Lawrance, W.B. 33070
Wichert, T. *see* Wolf, H. 42631
Wichman, R., Lilleberg, J., Neuvo, Y. Matched median detectors for synchronous direct-sequence multiple-access communications 45303
Wichmann, R. *see* Barberis, E. 46846
Wichmann, R. *see* Ziock, H.-J. 46885
Wick, D.T., Shehad, N.M., Hajare, A.R. A real-time simulation facility for testing the telerobotic assembly of the Space Station 24390
Wick, J. Numerical approaches to the kinetic semiconductor equation 27454
Wickboldt, P. *see* Drusedau, T. 27496
Wickboldt, P. *see* Drusedau, T. 34528
Wickboldt, P. *see* Paul, W. 35556
Wickenden, A.E., Wickenden, D.K., Kistenmacher, T.J., Ecelberger, S.A., Poehler, T.O. A study of MOCVD-grown gallium nitride nucleation layers on sapphire 33661
Wickenden, D.K. *see* Wickenden, A.E. 33661
Wickens, C.D. *see* Emerson, R.M. 15960
Wickens, C.D. *see* Seidler, K.S. 15142
Wicker, S.B. *see* Rasmussen, L.K. 21511
Wickerhauser, M.V. *see* Wesfreid, E. 44802
Wickham, M.G. *see* St Pierre, R.J. 20712
Wickham, P.J. *see* Betts, R.A. 38012
Wickline, S.A., Recchia, D., Shepard, R.K., Verdonk, E.D., Miller, J.G. Quantification of ultrasonic anisotropy of scattering from myocardium in vitro and in vivo 7404
Wickramasinghe, H.K. *see* Vaez-Iravani, M. 6535
Wicks, G.W. Molecular Beam Epitaxy of III-V Semiconductors 9568
Wicks, G.W. *see* Johnson, F.G. 677
Wicks, G.W. *see* Johnson, F.G. 9579
Wicks, G.W. *see* Sweetser, J.N. 20810
Wicks, G.W. *see* Xie, K. 745
Wicks, G.W. *see* Xie, K. 3645
Wicks, G.W. *see* Xie, K. 35819
Wicks, M., Wang, H. Adaptive array technology for clutter rejection in airborne radar 23196
Wicks, M. *see* Baldygo, W. 23204
Wicks, M. *see* Sarkar, T. 44467
Wicks, M. *see* Sarkar, T. 44901
Wicks, M.C., Antonik, P. Polarization diverse ultra-wideband antenna technology 44562
Wicks, M.C. *see* Baldygo, W.J. 30905
Wicks, M.C. *see* Moyer, L.R. 23121
Wicks, M.C. *see* Moyer, L.R. 30877
Wicks, T. *see* Harris-Dowsett, D. 42055
Widden, M.B. *see* French, M.J. 25433
Widdowson, T. *see* Shan, X. 3525
Widelov, A. *see* Larsson, R. 17295
Widen, K.C., Tansey, R.J. Strehl ratio meter 28941
Widen, K.C. *see* Hunt, J.H. 3451
Widener, E.L. Unconventional impact-toughness experiments 133
Widjaja, I. *see* Callegati, F. 37096
Widjaja, J., Uozumi, J., Asakura, T. Wigner distribution function in optical permutation networks 4950
Widman, F.W., Jr., North, D.M., Choong, P.T., Teofilo, V.L. Mission analysis for hybrid thermionic nuclear reactor LEO-to-GEO transfer applications 7560
Widman, L.E. *see* Cannon, S.R. 24314
Widman, L.E. *see* Tong, D.A. 15887
Widmer, H.M. *see* Fettinger, J.C. 14966
Widmer, N.S. Learning and teaching programmable logic devices 143
Widmer, R. *see* Arnot, H.E.G. 27684
Widom, A. *see* How, H. 28419
Widom, A. *see* Prance, H. 20205
Widrow, B., Lehr, M., Beaufays, F., Wan, E., Bilello, M. Stanford neural network research 29571
Widrow, B., Lehr, M., Beaufays, F., Wan, E., Bilello, M. Stanford neural network research 29690
Widrow, B. *see* Beaufays, F. 47383
Widya, I., van der Heijden, G.-J. Towards an implementation-oriented specification of TP protocol in LOTOS 30214
Wie, B.J.Van *see* Van Wie, B.J.
Wie, C.R. *see* Chand, N. 18204
Wie, C.R. *see* Choi, Y.W. 1909
Wie, C.R. *see* Xie, K. 745
Wie, C.R. *see* Xie, K. 3645
Wie, C.R. *see* Xie, K. 35819
Wie, C.R. *see* Yu, L.Z. 15032
Wie Byung-Wook *see* Byung-Wook Wie
Wieberneit, M., Lackmann, R. New results of field-induced deformation of nematic liquid crystals for testing of digital integrated circuits 41728
Wiebusch, C. *see* Grajew, G. 37613
Wiechmann, E. *see* Rodriguez, J. 8426
Wiechmann, E.P., Garcia, A.R., Rodriguez, J.R., Amthauer, E.O., Sanchez, R.W. Waveform supervision of power phase controlled rectifiers: a real time converter operation surveillance 16992
Wiechmann, K., Arnold, C., Baumann, D., Heep, W. Steam generator replacement at Beznau-1 47664
Wiechmann, W. *see* Liu, L.Y. 28793
Wieck, A.D. *see* Bever, T. 19509
Wieck, A.D. *see* De Vries, D.K. 42657
Wieck, A.D. *see* de Vries, D.K. 42792
Wieck, A.D. *see* Hirayama, Y. 10700
Wieckowski, A. *see* Horanyi, G. 17294
Wieckowski, S. Fundamentals of measuring technology 23369
Wieczorek, C.J. *see* Schick, G. 6021
Wieczorek, C.J. *see* Yuce, H.H. 5875
Wieczorek, W. *see* Borkowska, R. 8735
Wiedeman, R.A., Viterbi, A.J. The Globalstar mobile satellite system for worldwide personal communications 37744
Wiedeman, S. *see* Hou, J.-Y. 23577
Wiedemann, H. Beam physics and diagnostics 6967
Wiedemann, K. *see* Westerhoff, T. 26147
Wiedemann, W. *see* Sydnor, R.L. 23839
Wiedemeier, H., Guangheng Wu Fast vapor growth of cadmium telluride single crystals 637
Wiedensohler, A. *see* Samuelson, L. 10956
Wieder, H.H. *see* Fan, C. 43527
Wieder, H.H. *see* Fawcett, P.N. 19348
Wieder, H.H. *see* Hou, H.Q. 3189
Wiedermann, P. *see* Dutting, K. 11894
Wiedmaier, M. *see* Eberl, G. 29066
Wiedman, T.E. Relay protection interface requirements for independent power producers and electric utilities 32476
Wiedmann, L. *see* Storm, W. 42671
Wiedner, B.G. *see* Morrison, G.L. 31514
Wiedner, C.A. *see* Hardt, A. 15568
Wiegand, J. *see* Weis, T. 23981
Wiegand, M., Davison, R., O'Brien, P., Reeder, T., Alexander, D. An architecture for developing decision support systems for service management 37296
Wiegartner, G. *see* Hamann, J. 33167
Wiegerink, R.J. MOS translinear circuits 2529
Wiegerink, R.J. *see* Hogervorst, R. 41686
Wiegleb, G., Heitbaum, J. Semiconductor gas sensor for detecting NO and CO traces in ambient air of road traffic 23752
Wiegmann, W. *see* Stormer, H.L. 27514
Wiegner, M., Echle, G. Lidar multiple scattering: improvement of Bissonnette's paraxial approximation 24494
Wiel, A.J.van der *see* van der Wiel, A.J.
Wiel, M.J.van der *see* van der Wiel, M.J.
Wiel, S.A.V., Vardeman, S.B. A discussion of all-or-none inspection policies 26231
Wieland, J., Duran, H., Felder, A. Two-channel 5 Gbit/s silicon bipolar monolithic receiver for parallel optical interconnects 35630
Wieland, J. *see* Karstensen, H. 38117
Wieland, J. *see* Treitinger, L. 30837
Wieland, P., Tiziani, H.J. Computer synchronized 3D-triangulation-sensor for robot vision 6591
Wiele, F.Van de *see* Van de Wiele, F.
Wieler, J.G., Hu, S.-C. Elimination of Doppler ambiguities in weather radar data 23185
Wieler, J.G. *see* Glass, J.M. 23168
Wielgorz, T. Budget splicing: long term investment or false economy? 23019
Wiemer, A.G. *see* Kreuger, F.H. 32423
Wiemhofer, H.D. *see* Shuk, P. 6644
Wienands, U. *see* Huang, H. 7044
Wienberg, I. *see* Eran, Y. 17932
Wiencken, M. *see* Auerhammer, J. 43978
Wiendahl, H.-P., Penz, T. Quality management for logistics operations 41001
Wiener, G. *see* Dixon, M. 47248
Wiener, G. *see* Jing, Z. 47234
Wiener, M.J. *see* Campbell, K.W. 21542
Wiener-Avnear, E. Laser cut microscopic paths with major potential 21151
Wienhard, K., Dahlbom, M., Eriksson, L., Michel, C., Bruckbauer, T., Pietrzyk, U., Heiss, W.-D. The ECAT EXACT HR: performance of a new high resolution positron scanner 47046
Wienhard, K. *see* Dahlbom, M. 15735
Wiercienski, W. *see* Hsieh, T.-C. 6586
Wiercx, F.K.A.M. *see* Paulissen, L.M.M. 25091
Wieringa, H.J., Peters, M.J. Processing MRI data for electromagnetic source imaging 31900
Wieringa, R.H. *see* Malliaras, G.G. 28611
Wieringa, R.H. *see* Malliaras, G.G. 43652
Wierzba, G.M. A programmable Boyle Op-Amp macromodel 18503
Wierzba, G.M. *see* Noren, K.V. 18465
Wierzba, G.M. *see* Svoboda, J.A. 18852
Wierzejski, M. Place of power engineering electronics in electrotechnics, power engineering and the industry of electric machines 41640
Wiesbeck, W. *see* Geng, N. 14423
Wiesbeck, W. *see* Geng, N. 36186
Wiesbeck, W. *see* Heidrich, E. 29320
Wiesbeck, W. *see* Hollmann, D. 4221
Wiesbeck, W. *see* Jha, R.M. 4047
Wiesbeck, W. *see* Kurner, T. 4103
Wiesbeck, W. *see* Rostan, F. 29382
Wiese, A. *see* Kaltschmitt, M. 39707
Wieselthier, J.E., Barnhart, C.M., Ephremides, A. Modeling, performance evaluation, and ordinal optimization of integrated voice/data networks 37277
Wieselthier, J.E., Ephremides, A. Performance analysis of fixed- and movable-boundary channel-access schemes for integrated voice/data wireless networks 5740
Wiesener, K. *see* Dietz, H. 17214
Wiesenfeld, J.M., Glance, B., Perino, J.S., Gnauck, A.H. Wavelength conversion at 10 Gb/s using a semiconductor optical amplifier 45964
Wiesenfeld, J.M., Hasnain, G., Perino, J.S., Wynn, J.D., Leibenguth, R.E., Wang, Y.-H., Cho, A.Y. Gain-switched GaAs vertical-cavity surface-emitting lasers 12192
Wiesenfeld, J.M. *see* Glance, B.S. 6067
Wiesenfeld, K. *see* Nichols, S. 43359
Wiesenfield, J.M. *see* Perino, J.S. 37976
Wieser, C.U. *see* Antreich, K.J. 26622
Wieser, E. Use of accelerators in material research 6914
Wieser, E. *see* Panknin, D. 27505
Wieser, J., Ulrich, A., Busch, B., Gernhauser, R., Krotz, W., Ribitzki, G., Salvermoser, M., Murnick, D.E. Heavy-ion beam-pumped lasers: optical gain on the 476.5-nm AR II transition 20644
Wieser, J. *see* Gorlich, S. 39001
Wieser, J. *see* Ulrich, A. 20591
Wieser, J. *see* Ulrich, A. 20602
Wieser, J. *see* Ulrich, A. 43726
Wieser, W. A strategic network planning instrument for cost and volume estimation of B-ISDN introduction scenarios 5258
Wiesing, J., Grotstollen, H. Field oriented control of an asynchronous motor with a very wide region of flux weakening 8401
Wiesinger, J. *see* Heidler, F. 36288
Wiesman, T., Hemphill, H. The influence of motor cable parameters on conducted EMI and motor reliability 47839
Wiesner, J.R. Gap filling of multilevel metal interconnects with 0.25-μm geometries 2233

Wiessner, A., Staerk, H. Optical design considerations and performance of a spectro-streak apparatus for time-resolved fluorescence spectroscopy 23730
Wieting, R. *see* Demesmaeker, E. 8748
Wietschel, M. *see* Rentz, A. 47706
Wigderson, A. *see* Ostrovsky, R. 4408
Wiget, R., Burte, E.P., Gyulai, J., Ryssel, H. Silicon to silicon direct bonding-characterization of the interface and manufacture of p-i-n diodes 2168
Wiggers, H. *see* Weber, E. 39916
Wiggers, L.W. *see* Smith, W.H. 38930
Wiggins, C.M. *see* Thomas, D.E. 47585
Wiggins, D.S. *see* Cirillo, A.J. 32697
Wight, D.K. *see* Berry, G.M. 11640
Wight, D.R. *see* Jenkins, R.M. 28516
Wight, G. *see* Levy, C.D.P. 31636
Wight, J.S. *see* Drolet, D. 27299
Wightman, W.E. *see* Kaufman, A.A. 47230
Wigley, N.M. *see* Jullien, G.A. 10215
Wigley, N.M. *see* Jullien, G.A. 26969
Wigley, P.G.J. *see* Dumais, P. 12384
Wigmans, R. A high resolution electromagnetic calorimeter based on plastic scintillator 31690
Wigmore, K.W.M. *see* Danson, C.N. 3569
Wignot, L. *see* Badger, D. 14771
Wigren, R. *see* Jansson, R. 20291
Wiig, L.G. *see* Halbig, J.K. 38913
Wiitanen, D.O. *see* Bohmann, L.J. 32426
Wijaranakula, W. A real-time simulation of point defect reaction near the solid and melt interface of a 200 mm diameter Czochralski silicon crystal 648
Wijayasuriya, S.S.H., Norton, G.H., McGeehan, J.P. A near-far resistant algorithm to combat effects of fast fading in multi-user DS-CDMA systems 37825
Wijbrans, K.C.J. *see* Broenink, J.F. 18029
Wijburg, R.C.M. *see* Liefting, R. 34929
Wijdemans, L.J.M. *see* de Maagt, P.J.I. 21238
Wijesinghe, R.S. A method to localize source activity in neocortex using measured scalp potential 7435
Wijesinghe, R.S. *see* Nunez, P.L. 39040
Wijewarnasuriya, P.S., Lange, M.D., Sivananthan, S., Faurie, J.P. Carrier recombination in indium-doped HgCdTe(211)B epitaxial layers grown by molecular beam epitaxy 27483
Wijffels, C.A.F.J., Misser, H.S., Prasad, R. A micro-cellular CDMA system over slow and fast Rician fading radio channels with forward error correcting coding and diversity 22845
Wijffels, J.-B. *see* Richards, P.C. 40028
Wijk, R.F.van *see* van Wijk, R.F.
Wijlaars, A.J.M. *see* Janssen, J.G.W.M. 38228
Wijnands, H. *see* Sitzmann, R. 36255
Wijngaarden, A.de Lind van *see* de Lind van Wijngaarden, A.
Wijntjens, J.A.A., Duarte, J.L., Rozenboom, J. A microprocessor-based controlled boost convertor to obtain good input and output performance parameters 17073
Wijntjens, J.A.A. *see* Duarte, J.L. 17599
Wikander, D. Standards talk: automated identification/ "2D" symbologies 40993
Wikler, G., Faruqui, A., Gellings, C.W., Seiden, K. The potential for energy efficiency in electric end use technologies 25854
Wiklund, J. *see* Granlund, G.H. 36937
Wikner, D.A. *see* Wellman, R.J. 46096
Wikstrom, D. *see* Lampe, W. 16403
Wikswo, J.P., Jr., Sepulveda, N.G., Yu Pei Ma, Henry, W.P., Staton, D.J., Crum, D. An improved method for magnetic identification and localization of cracks in conductors 911
Wiktorczyk, T. Complex impedance study for $Al/Dy_2O_3/Al$ thin film capacitors 1970
Wilamowski, B.M., Lindholm, F.A., Torvik, L.M. Current gain degradation in narrow base bipolar transistors due to the carrier velocity limitation 42867
Wilamowski, B.M. *see* Chowdhury, B.H. 24730
Wilamowski, B.M. *see* Koller, R.D. 10261
Wilamowski, Z. *see* Ostermayer, G. 42411
Wilber, W.D. *see* Gualtieri, J.G. 20048
Wilbur, S. *see* O'Conaill, B. 45656
Wilburn, V.C., Alexander, W.E. A parallel implementation of the discrete wavelet transform 44911
Wilby, M. *see* Tandon, V. 5500
Wilcock, B.A. *see* Helszajn, J. 34229
Wilcocks, J. Local area network expansion at WITS 5509
Wilcox, G.L. *see* Budai, D. 7426
Wilcox, R.B., Behrendt, W., Browning, D.F., Speck, D.R., Van Wonterghem, B.M. Fusion laser oscillator and pulse-forming system using integrated optics 35715
Wilcox, R.B. *see* Van Wonterghem, B.M. 35946
Wilcox, S.J. *see* McBride, R. 15257
Wilcoxen, D.T. *see* Dunlop, J.A. 842
Wilczewski, F., Krahn, F. Elimination of 'humps' in methods for measuring the cutoff wavelength of single mode fibres 11612
Wilczynski, W. *see* Cymbrykiewicz, Z. 11474
Wild, A., Fischer, H. Modeling metastable states in ASICs 1151
Wild, J.M. *see* Hudson, C. 7356
Wild, P. *see* Sazhin, S. 3463
Wild, P. *see* Sazhin, S. 35696
Wild, S. *see* Parsons, J.D. 728
Wild, U. *see* Mervart, L. 39350
Wild, U.P., Bernet, S., Altner, S., Maniloff, E.S., Renn, A. Spectral hole-burning, holographic storage and processing 20279
Wild, U.P. *see* Kohler, B. 21125
Wild, U.P. *see* Renn, A. 20283
Wildau, H.-J., Bernt, H., Friedrich, D., Seifert, W., Staudt-Fischbach, P., Wagemann, H.G., Windbracke, W. The inversion layer of subhalf-micrometer n- and p-channel MOSFET's in the temperature range 208-403 K 34959
Wilde, A., Schnell, M. Adaptive resource sharing for satellite TDMA 22967
Wilde, D.J. Product quality in optimization models 9332
Wilde, E. A performance control system 9173
Wilde, E. Multimedia joint editing based on reservations 37241
Wilde, W.R.De *see* De Wilde, W.R.
Wildeman, J. *see* Malliaras, G.G. 28611
Wildeman, J. *see* Malliaras, G.G. 43652
Wilder, K. *see* Jiang, C.-L. 35813
Wilder, M. *see* Barberis, E. 24093
Wilder, M. *see* O'Shaughnessy, K. 47008
Wilder, M. *see* Ziock, H.-J. 46885
Wilder, M. *see* Ziock, H.J. 7184
Wilder, P., Cannon, M. Advantages of a computerized maintenance management system in managing plant operations 204
Wildermuth, D. *see* Cho, G. 7181
Wildermuth, D. *see* Gyuseong Cho 31791
Wildermuth, D. *see* Lee, H. 31232
Wildes, P.D. *see* Kirscht, F.G. 2011
Wildes, R.P. On the qualitative structure of temporally evolving visual motion fields 45223
Wildi, E.J. *see* Adler, M.S. 33398
Wilding, C. Modern DSOs trade off bandwidth against sampling rate 46538
Wildnauer, K.R., Azary, Z. A double-pass monochromator for wavelength selection in an optical spectrum analyzer 23486
Wile, D. *see* Braun, C. 24563
Wileman, S. *see* Saiedian, H. 5570
Wilemski, G. *see* Anderson, E.B. 33010
Wiles, A. *see* Ek, A. 30232
Wiley, A.J. *see* Fulchignoni, P. 5545
Wiley, P. *see* Stefanakos, E. 48289
Wilfried, H., Michael, K. Fuzzy logic-based control of flux and torque in AC-drives 25873
Wilhelm, B. *see* Chen, T. 13899
Wilhelm, D. *see* Forster, G. 23528
Wilhelm, R.V. *see* Auzins, J. 40632
Wilhelm, U. ISDN communications in EVU networks [electricity supply industry] 24827
Wilhelm Heuser, F., Kelm, P., Mattei, J.-M., Milhem, J.-L. Safety improvements at the Kozloduy nuclear power station 25140
Wilhelms, H. *see* Hillman, W. 6802
Wilhelmsen, C.A., Gertman, D.I., Ostrom, L.T., Nelson, W.R., Galyean, W.J., Byers, J.C. Reviewing the impact of advanced control room technology 39757
Wilhjelm, J.E. Bandwidth expressions of Gaussian weighted chirp 23097
Wilhoyte, M.E. *see* Rice, B.F. 23083
Wiliamson, F. *see* Nathanson, F. 23175
Wilinski, J. *see* Adams, W.A. 48386
Wilisch, W.C.A. *see* Kumar, A. 42546
Wilk, H. *see* Grell, R. 25914
Wilke, I., Herrmann, W., Kneubuhl, F.K. Integrated nanostrip dipole antennas for coherent 30 THz infrared radiation 35444
Wilke, M.D. *see* Lumpkin, A.H. 6972
Wilken, K.D. An optimal graph-construction approach to placing program signatures for signature monitoring 18679
Wilkening, E.-D., Glinkowski, M. Spatial and time characteristics of short gap, high di/dt discharges 40366
Wilkens, B. *see* Ramesh, R. 11372
Wilkens, N.L. *see* Goldsmith, C.L. 10401
Wilkens, P. *see* Perfecto, E. 9307
Wilkens, W. *see* Stolzel, C. 11529
Wilker, C. *see* Holstein, W.L. 11513
Wilker, C. *see* Shen, Z.-Y. 1576
Wilkes, D., Deffrennes, M. Co-operation with the former communist countries in nuclear technology - the need for standardisation and quality management 25159
Wilkes, D.M. *see* Cadzow, J.A. 22023
Wilkes, D.M. *see* Kara, A. 13709
Wilkes, D.M. *see* Liang, G. 13176
Wilkes, D.M. *see* Sztipanovits, J. 4625
Wilkes, R. *see* Moinpour, M. 853
Wilkes, R.J. *see* Grajew, G. 37613
Wilkie, B.A. *see* Gao, H.B. 9835
Wilkie, B.A. *see* Wang, Y.S. 13710
Wilkins, B.R. A structure for board-level mixed-signal testability (panel) 1730
Wilkins, B.R., Suparjo, B.S. A structure for interconnect testing on mixed-signal boards 10574
Wilkins, B.R., Suparjo, B.S. A structure for interconnect testing on mixed-signal boards 10579
Wilkins, B.R., Suparjo, B.S. Testability structure for mixed-signal boards 27091
Wilkins, B.R. *see* Suparjo, B.S. 42081
Wilkins, E. Long-term performance of a rechargeable glucose electrode in vitro 7324
Wilkins, E. *see* Sheng Luo Xie 23739
Wilkins, G. *see* Grajew, G. 37613
Wilkins, G.M. *see* Jin-Fa Lee 34230
Wilkins, J.A. Heat transfer control for hot bar soldering 33332
Wilkins, J.A. *see* Peeples, J.W. 370
Wilkins, M.L. *see* Nantz, K.S. 30357
Wilkins, S.W. *see* Chapman, H.N. 19288
Wilkins, S.W. *see* Chapman, H.N. 19289
Wilkins, S.W. *see* Davis, T.J. 9627
Wilkinson, A.J., Pulko, S.H. Image processing—an example of the TLM-state space analogy 5027
Wilkinson, C.D.W. *see* Clements, S.J. 14670
Wilkinson, C.D.W. *see* Murad, S.K. 27741
Wilkinson, C.D.W. *see* Murad, S.K. 27756
Wilkinson, C.D.W. *see* Ooi, B.S. 27674
Wilkinson, C.D.W. *see* Parkes, W. 35617
Wilkinson, C.D.W. *see* Rahman, M. 19618
Wilkinson, C.D.W. *see* Sotomayor Torres, C.M. 42487
Wilkinson, C.D.W. *see* Tsutsui, K. 27698
Wilkinson, C.D.W. *see* Tsutsui, K.I. 27740
Wilkinson, C.D.W. *see* Turunen, J. 12460
Wilkinson, G.A., Saliga, J.J., Siegfriedt, W.E. Five ways the Clean Air Act Amendments can affect existing precipitators 32684
Wilkinson, G.P., White, J.D.H., Challis, R.E. The design and test of a novel wide bandwidth ultrasonic signal acquisition instrument 46316
Wilkinson, J.H., Stone, J.J. Cascading different types of video compression systems 46203
Wilkinson, J.S. *see* Lavers, C.R. 28484
Wilkinson, J.S. *see* Mwarania, E.K. 43765
Wilkinson, P.R. The qualification of military aircraft cockpits 39432
Wilkinson, R.J. *see* Bennett, D.W. 23282
Wilkinson, R.J. *see* Bennett, D.W. 41692
Wilkinson, T. *see* Xue, H. 14258
Wilkinson, T.A., Johnson, I.R., Barton, S.K. Performance of direct sequence spread spectrum ISM band radio LANs in a multipath time dispersive channel 14397
Wilkinson, T.D. *see* O'Brien, D.C. 12486
Wilkosz, K. *see* Cegielski, M. 16153
Wilks, S.P. *see* Clark, S.A. 34602
Will, C.F. Factors that affect your plant power bill 9014
Willand, C.S. *see* Beecher, J.E. 28960
Willander, M. *see* Chen, Q. 19906
Willander, M. *see* Grahn, K. 2460
Willander, M. *see* Ivchenko, E.L. 42506
Willander, M. *see* Nanzhi Zou 34903
Willander, M. *see* Nur, O. 11157
Willander, M. *see* Ouacha, A. 19784
Willander, M. *see* Petrauskas, M. 36011
Willander, M. *see* Quacha, A. 19773
Willander, M. *see* Radamson, H.H. 42401
Willander, M. *see* Rydberg, A. 36376
Willander, M. *see* Wahab, Q. 684
Willander, M. *see* Xu, W. 46435
Willander, M. *see* Ying Fu 34556
Willard, C., Rochefolle, T., Baden, C.C.E., Cheung, J.C.S., Chard, S.G., Beach, M.A., Constantinou, P., Cupido, L. Planning tools for mobile networks 5821
Willard, S. *see* Gopi, P.K. 2448
Willars, P. *see* Lindell, F. 5773
Willars, P. *see* Lindell, F. 45863
Willatzen, M., Mark, J., Mork, J., Seltzer, C.P. Carrier temperature and spectral holeburning dynamics in InGaAsP quantum well laser amplifiers 20857
Wille, H. *see* Bertholdt, H.-O. 39853
Wille, K. *see* Blokesch, G. 31577
Wille, R. *see* Bolding, K. 34121
Willebeek-LeMair, M. *see* Patel, B. 14254
Willeboer, W. IGCC Buggenum almost ready for the demonstration 40027
Willebrand, H., Astrov, Y., Portsel, L., Purwins, H.G. Speed properties of a gas-discharge gap IR-visible converter studied with a streak camera system 31291
Willebrand, H. *see* Niedernostheide, F.-J. 28073
Willeke, F. Beam dynamics work at HERA 38774
Willeke, G., Fath, P. Mechanical wafer engineering for semitransparent polycrystalline silicon solar cells 40473
Willeke, G. *see* Dasbach, R. 20528
Willeke, G. *see* Fath, P. 19614
Willeke, G. *see* Kellermann, K. 42707
Willems, D., Bahl, I. A MMIC compatible coupled line structure that uses embedded microstrip to achieve extremely tight couplings 1407
Willems, D. *see* Sadhir, V. 19096
Willems, F.M.J., Shtarkov, Y.M., Tjalkens, T.J. Context weighting: general finite context sources 12876
Willems, F.M.J., Wuijts, J.J. A pragmatic approach to shaped coded modulation 36584
Willems, F.M.J. *see* Tjalkens, T.J. 12877
Willems, F.W., Muys, W. Suppression of interferometric noise in externally modulated lightwave AM-CATV systems by phase modulation 14812
Willems, F.W., van der Plaats, J.C., Muys, W. Harmonic distortion caused by stimulated Brillouin scattering suppression in externally modulated lightwave AM-CATV systems 38330
Willems, F.W. *see* Muys, W. 5897

Willems, F.W. *see* van Heijningen, P.H. 30827
Willems, G. *see* Dierickx, B. 24001
Willems, G.C., Knouse, D.R. A simple step procedure finds the time response of filtered digital data 23504
Willems, J.L. The compensation of non-active currents for three-phase power systems in sinusoidal steady state 24665
Willems, J.L. *see* Fayn, J. 39079
Willems, J.L. *see* Rubel, P. 15859
Willems, J.L. *see* Scherer, J.A. 15862
Willems, M. Profit optimization by solving business dilemmas through telecommunications 30274
Willems, W.P.M. *see* Van Swaaij, R.A.C.M.M. 27673
Willems, W.P.M. *see* van Swaaij, R.A.C.M.M. 42437
Willemsen, S. *see* Grabandt, O. 5915
Willer, B., Knorr, R. Advanced management for lead acid batteries for electric vehicles 48304
Willer, B. *see* Fuhrer, O. 40459
Willers, M.J., Egan, M.G., Murphy, J.M.D., Daly, S. An AC-DC converter with low input distortion and near unity power factor 8655
Willets, C. *see* Chen, B. 20026
Willett, D. On-line temperature measurement of optical fiber and telephone wire 5695
Willett, J.E., Aktas, Y., Maraghechi, B., Mehdian, H. Magnetic field effects in a free electron laser with longitudinal electric wiggler 28894
Willett, M.J. *see* Mousa-Bahia, A.A. 6658
Willett, P., Alford, M., Vannicola, V. Pre-detection fusion with similar sensors 4749
Willett, P., Tober, B., Swaszek, P. Fully-connected non-hierarchical decentralized detection networks 21742
Willett, P. *see* Javidi, B. 4812
Willett, P. *see* Lops, M. 30894
Willey, R.R. Predicting achievable design performance of broadband antireflection coatings 3288
Willi, O. *see* Pepler, D.A. 35947
Williams, A., Argiri, M. Developments in fossil fuel electricity generation 25231
Williams, A. *see* Siedel, D.J. 23383
Williams, A.A. *see* Elsonbaty, N. 25253
Williams, A.E. *see* Bonetti, R.R. 27145
Williams, A.E. *see* Shih-Jih Yao 42178
Williams, B. *see* Begay, M.J. 338
Williams, B.E. *see* Alexeff, I. 11375
Williams, B.L. *see* Bassous, E. 1891
Williams, B.R., Krause, R. Reducing energy consumption 47591
Williams, B.W. *see* Finney, S.J. 40322
Williams, B.W. *see* Green, T.C. 40520
Williams, B.W. *see* Green, T.C. 47871
Williams, B.W. *see* He, X. 1057
Williams, B.W. *see* Reay, D.S. 8347
Williams, B.W. *see* Reay, D.S. 16824
Williams, C.C. *see* Huang, Y. 46570
Williams, C.W. *see* Moses, W.W. 15732
Williams, D. *see* Cogan, J. 44365
Williams, D. *see* Hogan, J. 14907
Williams, D. *see* Lane, P. 16648
Williams, D.-J. *see* Asseo, E. 15383
Williams, D.A. A frequency hopping microwave radio system for local area network communications 5735
Williams, D.A., Mueller, H.H., Chen, W., White, J.D., Allam, J., Nakazato, K., Cleaver, J.R.A. Multistability at the tunnelling-ballistic boundary in a mesoscopic device 2600
Williams, D.A. *see* Abe, K. 7260
Williams, D.A. *see* Abe, K. 15619
Williams, D.A. *see* Abe, K. 46930
Williams, D.B., Johnson, D.H. Robust estimation of structured covariance matrices 13222
Williams, D.C., Banyard, J.E. Comparison of long-range and interferometric laser distance instruments using multiple reflections 46612
Williams, D.E. *see* Hilsenrath, E. 24486
Williams, D.E. *see* Johnson, R.L. 6697
Williams, D.F., Marks, R.B. Reciprocity relations in waveguide junctions 18995
Williams, D.J. *see* Aindow, M. 41264
Williams, D.J. *see* Beecher, J.E. 28960
Williams, D.J. *see* Finney, A. 37199
Williams, D.J. *see* Goward, J.M. 19236
Williams, D.J. *see* Penner, T.L. 21010
Williams, D.L., Ainslie, B.J., Kashyap, R., Sherlock, G., Smith, R.P., Collins, J.V. Temperature stable 1.3 μm laser with Bragg fibre grating external cavity for access networks 35918
Williams, D.R.M. *see* Krishnamurthy, M. 9544
Williams, F. *see* Hafizi, M. 34917
Williams, F. *see* Luo, S. 27158
Williams, G., Coles, G.S.V. NO_x response of tin dioxide based gas sensors 6635
Williams, G. *see* Ford, A.E.W. 16358
Williams, G.M., Blazejewski, E.R., DeWames, R.E. Diffusion current induced 1/f noise in HgCdTe photodiodes 11844
Williams, G.M., Putnam, M.A., Askins, C.G., Gingerich, M.E., Friebele, E.J. Radiation-induced coloring of erbium-doped optical fibers 3541
Williams, G.M. *see* Arias, J.M. 11838
Williams, G.M. *see* Askins, C.G. 28456
Williams, G.M. *see* Cullis, A.G. 19568
Williams, H. *see* Lutzeback, D. 37514
Williams, H.H. *see* Newcomer, F.M. 15663
Williams, H.P. An alternative explanation of disjunctive formulations 18046
Williams, J. Techniques illuminate backlit LCDs with high efficiency 40650
Williams, J. *see* Hadlock, D. 39116
Williams, J.A., Parmar, D., Conroy, M.W. Controlled backfill optimization to achieve high ampacities on transmission cables 47529
Williams, J.E. *see* Meehan, K. 35811
Williams, J.E.B. *see* Kenyon, D.A. 30662
Williams, J.E.B. *see* Webb, W.T. 22893
Williams, J.G. *see* Shen, B. 32556
Williams, J.O. *see* Foster, D.F. 33607
Williams, J.O. *see* Hoare, R.D. 41373
Williams, J.R., Black, A.N., Montgomery, R.S. Cascaded frequency domain bandpass filters for multivernier spectra 4620
Williams, J.R. *see* Davey, S.T. 3546
Williams, J.R. *see* Nguyen, G.P. 381
Williams, J.R. *see* Nguyen, G.P. 19239
Williams, J.R. *see* Nguyen, G.P. 34422
Williams, J.R. *see* Szebesta, D. 3008
Williams, J.S. *see* Jagadish, C. 719
Williams, J.S. *see* Pearton, S.J. 2095
Williams, J.T. *see* Jackson, D.R. 21400
Williams, J.T. *see* Nghiem, D. 1395
Williams, J.T. *see* Nghiem, D. 12706
Williams, J.T. *see* Nghiem, D. 18957
Williams, J.W. *see* Miletta, J.R. 39448
Williams, K., Law, B. ISDN access signalling 45634
Williams, K., O'Neill, W., Steen, W.M. Melt-pool and keyhole dynamics during thin plate laser welding of steel 21131
Williams, K. *see* Singal, R.K. 16755
Williams, K.A., Burns, D., White, I.H., Sibbett, W., Fice, M.J. Picosecond pulse generation with ultralow jitter in 1.5-μm multicontact MQW lasers using *Q*-switching 20781
Williams, K.A., Sarma, J., White, I.H., Penty, R.V., Middlemast, I., Ryan, T., Laughton, F.R., Roberts, J.S. Q-switched bow-tie lasers for high energy picosecond pulse generation 35838
Williams, K.A., Vasil'ev, P.P., White, I.H., Burns, D., Sibbett, W., Fice, M.J. Low jitter picosecond pulses at 1.5 microns from Q-switched multicontact DFB lasers 35822
Williams, K.A. *see* White, I.H. 12254
Williams, L. *see* Rahmat-Samii, Y. 21385
Williams, L.A., Faidi, S.E., Lyon, S.B., Cottis, R.A. Non-destructive testing using electromagnetic impedance spectroscopy 18325
Williams, L.I., Rahmat-Samii, Y., Yaccarino, R.G. The bi-polar planar near-field measurement technique, part I: implementation and measurement comparisons 44570
Williams, L.I. *see* Yaccarino, R.G. 44571
Williams, L.O. A chemical fuel is required 32535
Williams, M. Making a linear difference to square law FETs 35019
Williams, M. *see* Briscoe, J.D. 17211
Williams, M. *see* Embrey, J. 17179
Williams, M.B. *see* Shepherd, J.A. 7304
Williams, M.C.S. *see* Crotty, I. 31774
Williams, M.D. *see* Kamperschroer, J.H. 7128
Williams, M.D. *see* Kwan, J.W. 38828
Williams, M.G. *see* Walker, J.S. 636
Williams, M.G. *see* Walker, J.S. 41232
Williams, M.J., Cho, S.M., He, S.S., Lucovsky, G. Hydrogenated amorphous silicon-nitrogen alloys, a-Si,N:H: A candidate alloy for the wide band gap photo-active material in tandem photovoltaic (PV) devices 35558
Williams, M.J., Cho, S.M., Lucovsky, G. Hydrogenated amorphous silicon-nitrogen, a-Si,N:H alloys: an alternative to a-Si,C:H for the wide band gap photo-active material in tandem PV cells 28598
Williams, M.J. *see* He, S.S. 34991
Williams, M.J. *see* Turner, W.A. 10656
Williams, M.T. *see* Foster, B. 31714
Williams, N. *see* Farhat, K.S. 36361
Williams, N. *see* Farhat, K.S. 36366
Williams, O.M. *see* Ong, G.T. 19245
Williams, P.C. *see* Jordan, T.J. 39094
Williams, P.F. *see* Peterkin, F.E. 28625
Williams, P.K. A distributed control system for control and protection of boiler plant 14176
Williams, P.M. Implications for signalling network development of automatic focused overload control 22433
Williams, P.M., Silady, F.A., Dunn, T.D., Noren, R.C., McEachern, D.W., Dilling, D.A., Berkoe, J.M. Homan, F.J., Mears, L.D., Penfield, S.R., Jr., Lisky, L.M., Yan, X.L., Reid, C.L. MHTGR development in the United States 47691
Williams, R. Commercial vehicle software development, diagnostics and information retrieval 23427
Williams, R., Grant, D.A., Gowar, J. Use of multielement transformers in quasiresonant convertors 1025
Williams, R., Marsh, O. Future WSI technology: stacked monolithic WSI 19962
Williams, R. *see* Garbe, G. 7691
Williams, R.D. *see* Bell, R.H., Jr. 18560
Williams, R.G. Development cost prediction 40867
Williams, R.G.C. Synchronising voiceband modems 5635
Williams, R.G.C. *see* Deliot, E. 4647
Williams, R.G.C. *see* Deliot, E. 22702
Williams, R.H., Wagner, R.G., Hawkins, C.F. Testing errors: data and calculations in an IC manufacturing process 2677
Williams, R.H. *see* Clark, S.A. 34602
Williams, R.H. *see* Henderson, C.L. 258
Williams, R.H. *see* Luo, J.K. 18202
Williams, R.J. *see* Sheppard, G.T. 25164
Williams, R.L. Engineering-to-manufacturing-to-field test strategies status report 1992 24416
Williams, R.M. *see* Vining, C.B. 17411
Williams, R.S. *see* Talin, A.A. 11141
Williams, S.H. *see* Abe, K. 7260
Williams, S.H. *see* Abe, K. 15619
Williams, S.H. *see* Abe, K. 46930
Williams, S.H. *see* Fischer, G.E. 15362
Williams, T. Response of 74XX logic circuits to ESD transients 41877
Williams, T., Selvage, J. Developing high-power fiber networks 46236
Williams, T. *see* Koenemann, B. 1186
Williams, T. *see* Slager, J. 28279
Williams, T.D., Vaughn, G.L. Personal computer based closed loop performance analyzer for visible and infrared image tracking systems 32166
Williams, T.D. *see* Braem, A. 46902
Williams, T.E. Performance of iterative computation in self-timed rings 41873
Williams, T.K. *see* Bandler, S.W. 19266
Williams, W.G. *see* Eaton, G.H. 46784
Williams, W.H., Miley, G.H. Nuclear-induced XeBr* fluorescence pumping of the atomic iodine laser 20646
Williams, W.H., Miley, G.H. Nuclear pumped XeBr* fluorescence 35678
Williams, W.J. *see* Cunningham, G.S. 13337
Williams, W.S. *see* Rybicki, G.C. 34520
Williamson, A.C. *see* Konynenberg, A.W. 13977
Williamson, A.G. *see* Keam, R.B. 12707
Williamson, A.G. *see* Keam, R.B. 36309
Williamson, A.S. *see* Yi Chen 31225
Williamson, B. *see* Kazanzides, P. 24370
Williamson, B. *see* Paul, H.A. 24369
Williamson, C.K., Knuttel, A., Knutson, J.R. A simple internally mixed photomultiplier with GHz response 1816
Williamson, C.L. Optimizing file transfer response time using the loss-load curve congestion control mechanism 30379
Williamson, C.L. *see* Syed, A. 36557
Williamson, D.L. *see* Jones, S.J. 33051
Williamson, D.L. *see* Jones, S.J. 41422
Williamson, D.T. *see* Barry, T.P. 4585
Williamson, F. *see* Higman, T.K. 2578
Williamson, F. *see* Savulescu, S.C. 32297
Williamson, F.R., Brooks, R., Greneker, E.F., Currie, N.C., Williamson, J., McGee, M.C. Radar as part of a netted surveillance system—a problem revisited 6131
Williamson, F.R., Moore, L.F., Brooks, R., Williamson, J.A., McGee, M.C. A coded radar reflector for remote identification of personnel and vehicles 23190
Williamson, G.A. Tracking properties of vector space adaptive filters 21889
Williamson, H.M. *see* Zhuang, W.Z.L. 6785
Williamson, H.M. *see* Zhuang, W.Z.L. 36039
Williamson, J. *see* Williamson, F.R. 6131
Williamson, J.A. *see* Williamson, F.R. 23190
Williamson, J.F. *see* Zuofeng Li 31977
Williamson, R.C. Transition from optical interconnections to optical computing 20465
Williamson, R.C. *see* Alexander, S.B. 6055
Williamson, R.C. *see* Liau, Z.L. 43836
Williamson, S. *see* Chen, Y. 6505
Williamson, S. *see* Flack, T.J. 8393
Williamson, S. *see* Gupta, S. 11853
Williamson, S. *see* Kim, J. 1651
Williamson, S. *see* Motet, T. 3337
Williamson, S.L. *see* Gupta, S. 38488
Williamson, T. *see* Thormahlen, J. 16388
Willick, D.L., Eager, D.L., Bunt, R.B. Disk cache replacement policies for network fileservers 45571
Willieme, J.M. *see* Pons, A. 25567
Williges, R.C. *see* Fink, R.T. 39694
Willinger, W. *see* Leland, W.E. 30381
Willingham, S.D., Martin, K.W. A BiCMOS low-distortion 8 MHz lowpass filter 30995
Willingham, S.D., Martin, K.W., Ganesan, A. A BiCMOS low-distortion 8-MHz low-pass filter 42058
Willis, A.J., De Mello Koch, R. Target classification for phase array radar using the minimum norm criteria 14695
Willis, A.P., Kane, D.M. Modulation induced coherence collapse in FM diode lasers 43889
Willis, B. Evaluating a through-hole interconnect system 10578
Willis, B., Porter, J., Wolfrum, A. Surface-mount solderability testing 34395
Willis, B. *see* Hunter, P. 34442
Willis, J.R. *see* Yeager, K.E. 25122
Willis, M.B. *see* Pearson, D.J. 39160
Willis, P.T. *see* Marks, F.D., Jr. 15998

Willis, W., Schefter, T. VXIbus system switching and fixturing 23462
Willits, D.S. *see* Gallo, M.A. 31280
Willman, B. *see* Mandl, A. 12032
Willmann, G. *see* Bafutto, M. 5256
Willmann, P. *see* Maingot, S. 8740
Willner, A.E., Chang-Hasnain, C.J., Leight, J.E. 2-D WDM optical interconnections using multiple-wavelength VCSEL's for simultaneous and reconfigurable communication among many planes 5641
Willner, A.E., Hwang, S.-M. Passive equalization of nonuniform EDFA gain by optical filtering for megameter transmission of 20 WDM channels through a cascade of EDFA's 14643
Willner, A.E. *see* Hwang, S.-M. 37982
Willner, B. *see* Kedzia, J. 47925
Willner, I., Riklin, A., Shoham, B., Rivenzon, D., Katz, E. Development of novel biosensor enzyme electrodes: glucose oxidase multilayer arrays immobilized onto self-assembled monolayers on electrodes 46521
Willner, R. *see* Weyrauch, T. 44074
Willoughby, A.F.W. *see* Conibeer, G.J. 42637
Wills, A. Technology change in the manufacture of optical fibre 43413
Willsch, R. *see* Ecke, W. 38541
Willsch, R. *see* Schroter, S. 38540
Willsky, A. *see* Miller, E. 13320
Willsky, A.S. *see* Benveniste, A. 36776
Willsky, A.S. *see* Bhatia, M. 24228
Willsky, A.S. *see* Chou, K.C. 29591
Willsky, A.S. *see* Chou, K.C. 44931
Willsky, A.S. *see* Chou, K.C. 44932
Willsky, A.S. *see* Learned, R.E. 13316
Willsky, A.S. *see* Luettgen, M.R. 36783
Willsky, A.S. *see* Luettgen, M.R. 37025
Willsky, A.S. *see* Luettgen, M.R. 44971
Willson, A.N., Jr. *see* Kwentus, A.Y. 41858
Willson, C.G., Cameron, J.F., MacDonald, S.A., Niesert, C.-P., Frechet, J.M.J., Leung, M.K., Ackman, A. Resist materials design: base-catalyzed chemical amplification 11080
Willson, J. *see* Oweis, S.M. 17255
Willson, K. *see* Henderson, I. 15817
Willson, R., Schafer, S., Borovsky, K., Kumar, S. Backfitting a distributed control system into Lambton Thermal Generating Station 32701
Willson, W. *see* Ljubicic, B. 39945
Willstaedt, E.B. *see* Pasquariello, D.M. 17197
Willums, M.F. *see* Hack, M. 28143
Willums, M.F. *see* Hack, M. 28158
Willutzki, H.J. *see* Bar-Yam, Z. 46864
Wilmot, A. *see* Fortier, S.C. 17819
Wilms, P. *see* Verlinde, P. 47331
Wilmsen, C.W. *see* Beyette, F.R., Jr. 43684
Wilmsen, C.W. *see* Fawcett, P.N. 19348
Wilmsen, C.W. *see* Mitkas, P.A. 20478
Wilmsen, C.W. *see* Mitkas, P.A. 35534
Wilmsen, C.W. *see* Mitkas, P.A. 43567
Wilmut, M.J. *see* Ozard, J.M. 4668
Wilpon, J.G. *see* Roe, D.B. 21652
Wilquet, G. *see* Konijn, J. 24087
Wilsey, P.A. *see* Palaniswamy, A.C. 33946
Wilsher, K.R. *see* Fixl, A.J. 33998
Wilson, A. Asset optimisation strategies for large transformers 47943
Wilson, A. *see* Cosgrave, J.A. 48028
Wilson, A. *see* Hodgson, E.M. 20297
Wilson, A.D. X-ray lithography in IBM, 1980-1992, the development years 2298
Wilson, A.F. *see* Hobbs, B.F. 32322
Wilson, A.F. *see* Hobbs, B.F. 47398
Wilson, A.N., Jr. *see* Horng, B.-R. 18875
Wilson, B., Ghassemlooy, F. DC to wideband modulation in fibre systems 30793
Wilson, B., Ghassemlooy, Z. Pulse time modulation techniques for optical communications: a review 23034
Wilson, B. *see* Ghassemlooy, F. 30795
Wilson, B. *see* Ghassemlooy, Z. 38073
Wilson, B. *see* Harrold, S.J. 43677
Wilson, B.A. *see* Park, J.S. 19736
Wilson, B.E. *see* Stearns, S.D. 13571
Wilson, B.H., Stein, J.L. Model-Building Assistant: an automated modeling tool for machine-tool drive systems 25874
Wilson, B.K. *see* Krawczak, A.T. 39778
Wilson, C. Building for the future [telecommunications test tools] 5990
Wilson, C. Will the broadband network ring your phone? 22416
Wilson, D. 16-bit DSP servo control with the MC68HC16Z1 34115
Wilson, D. Drives point the way to future control solutions 40525
Wilson, D., Hurley, J. Combustion modifications to reduce opacity, particulates, and fall out material from a 600 MW utility boiler 8181
Wilson, D. *see* Eby, R.K. *(editor)* 40815
Wilson, D.E. *see* Zhang, H. 15805
Wilson, D.G. The supplementary-fired exhaust-heated cycle for coal, wood and refuse-derived fuel 32735
Wilson, D.R. *see* Hughes, L.A. 10598
Wilson, D.R. *see* Kalantery, N. 13993
Wilson, D.R. *see* Kalantery, N. 45407
Wilson, D.R. *see* Magnusson, R. 44164
Wilson, D.V. *see* Leland, W.E. 30381
Wilson, D.W., Tsui, B.M.W. Noise properties of filtered-backprojection and ML-EM reconstructed emission tomographic images 15757
Wilson, E., Anspach, G. Wavelets for sign language translation 39109
Wilson, F.A., Wilson, J.N. An organizational information model and technical support for use with concurrent engineering practice 17794
Wilson, F.F. *see* Foster, B. 31714
Wilson, F.G. Power plant noise control 25238
Wilson, G., Chan, P.K. A CMOS floating resistor 2666
Wilson, G. *see* Priebe, R. 13362
Wilson, G.C., Hadley, M.A., Smith, J.S., Lau, K.Y. High single-mode output power from compact external microcavity surface-emitting laser diode 12222
Wilson, G.C., Kuchta, D.M., Walker, J.D., Smith, J.S. Spatial hole burning and self-focusing in vertical-cavity surface-emitting laser diodes 28825
Wilson, I.H. *see* Hammiche, A. 14996
Wilson, I.H. *see* Hsu, C.C. 721
Wilson, I.H. *see* Hsu, C.C. 9561
Wilson, I.H. *see* Hsu, C.C. 41359
Wilson, J., Decker, K. GaAs MMIC thermal modeling for channel temperatures in accelerated life test fixtures and microwave modules 42250
Wilson, J., Stephens, T. Defect reduction in semiconductor manufacturing: a case study of BPO_4 elimination in BPSG films 19486
Wilson, J. *see* Bub, R. 40913
Wilson, J.I.B. *see* Ibrahim, F. 27765
Wilson, J.L. Useful chaotic effects on circuits and systems 33800
Wilson, J.M. *see* Bohmann, L.J. 32426
Wilson, J.N. *see* Wilson, F.A. 17794
Wilson, J.W. *see* Lamkin, S.L. 47167
Wilson, K.E., Lesh, J.R., Yan, T.-Y. GOPEX: a laser uplink to the Galileo spacecraft on its way to Jupiter 6048
Wilson, M.G.F. *see* Liang, J.Y. 20383
Wilson, M.G.F. *see* Watson, C.D. 11669
Wilson, M.N., Smith, A.I.C., Kempson, V.C., Townsend, M.C., Schouten, J.C., Anderson, R.J., Jorden, A.R., Suller, V.P., Poole, M.W. The Helios 1 compact superconducting storage ring X-ray source 7113
Wilson, M.N. *see* Anderson, R.J. 6911
Wilson, M.P., Smith, B., Parkinson, G. Fundamental 26 GHz YIG phase locked source 27238
Wilson, M.S. *see* Springer, T.E. 25663
Wilson, N. The electrostatic behaviour of clothing fabrics containing electrically conducting threads 36114
Wilson, P., Gassmann, F., Garbe, H. Theoretical and practical investigation of the field distribution inside a loaded/unloaded GTEM cell 44437
Wilson, P.B. *see* Kroll, N.M. 15668
Wilson, P.B. *see* Ruth, R.D. 46776
Wilson, P.B. *see* Yu, D.U.L. 1786
Wilson, P.H., Lamm, M., Liu, H.C., Li, J., Buchanan, M., Wasilewski, Z.R., Simmons, J.G., Schaff, W.J. Comparison of quantum well infrared photodetectors grown on different molecular beam epitaxial systems 6501
Wilson, P.H. *see* Liu, H.C. 31211
Wilson, R., Gamble, H.S. Two dimensional numerical modelling of overvoltage protection devices 8013
Wilson, R., Hancock, E.R. Relaxation matching of road networks in aerial images using topological contraints 30051
Wilson, R., Scott, P.W.R., Moult, R.H., Gamble, H.S., Hudson, A.S. A SPICE based thermal model for the estimation of peak current capability of thyristor based devices 2489
Wilson, R. *see* Jiang, C.-L. 35813
Wilson, R. *see* Lee, R.B., III 23617
Wilson, R. *see* Roman, R. 47360
Wilson, R. *see* Sheng-Hui Yang 43916
Wilson, R. *see* Tanabe, T. 34150
Wilson, R.A. *see* Lewis, M.F. 45103
Wilson, R.A. *see* Yang, C.H. 42884
Wilson, R.D. *see* Foster, B. 31714
Wilson, R.E. An investigation of time transfer accuracies over a utility microwave communications channel 24678
Wilson, R.E., Nordstrom, J.M. EMTP transient modeling of a distance relay and a comparison with EMTP laboratory testing 25015
Wilson, R.G. *see* Metzger, R.A. 2458
Wilson, R.G. *see* Metzger, R.A. 2470
Wilson, R.G. *see* Polyakov, A.Y. 9533
Wilson, R.G. *see* Zavada, J.M. 2050
Wilson, R.G. *see* Zavada, J.M. 2074
Wilson, R.G. *see* Zavada, J.M. 42664
Wilson, R.G. *see* Zeidler, J.R. 19458
Wilson, R.J. *see* Abe, K. 7260
Wilson, R.J. *see* Abe, K. 15619
Wilson, R.J. *see* Abe, K. 46930
Wilson, R.J. *see* Gauldin, M.A. 22728
Wilson, R.J. *see* Murthy, D.N.P. 407
Wilson, R.J. *see* Zhang, J.P. 33597
Wilson, R.M. *see* Janwa, H. 12851
Wilson, R.P. *see* Rao, A.K. 47790
Wilson, R.W. *see* Alexander, S.B. 6055
Wilson, R.W. *see* Glance, B.S. 6067
Wilson, R.W. *see* Vadher, V.V. 8727
Wilson, S. How to grow a starship pilot [genetic algorithms for space probes] 15946
Wilson, S. 500-kV system is developed in Australia 16283
Wilson, S.E. *see* Sharma, A. 24292
Wilson, S.G. *see* Leung, Y.S. 21585
Wilson, S.G. *see* Powell, W.C. 22114
Wilson, S.J., Brereton, I.M., Hockings, P., Roffmann, W., Doddrell, D.M. Respiratory triggered imaging with an optical displacement sensor 7332
Wilson, S.L. *see* Carlson, B.D. 30895
Wilson, S.L. *see* Carlson, B.D. 30896
Wilson, S.L. *see* Carlson, B.D. 36875
Wilson, S.P. Modification of the lucky drift theory of impact ionisation for investigation of soft thresholds 27473
Wilson, S.P., Brand, S., Beattie, A.R., Abram, R.A. The use of realistic band structure in impact ionization calculations for wide bandgap semiconductors: thresholds, anti-thresholds and rates in GaAs and AlGaAs 1851
Wilson, S.P., Brand, S., Beattie, A.R., Abram, R.A. The use of realistic bandstructure in impact ionisation calculations for wide bandgap semiconductors : application to InP and GaAs 19345
Wilson, T.G. The evolution of power electronics 1017
Wilson, T.G., Jr. *see* Lee, E.S. 33878
Wilson, W.D. Slipring motor starters 16872
Wilson, W.D. *see* Hales, S.G. 24921
Wilson, W.J. *see* Yueh, S.H. 47262
Wilson, W.L. *see* Rothberg, L.J. 35567
Wilson, W.L., Jr. *see* Elias, J.A. 41441
Wilson, W.P. *see* Peters, D.W. 2323
Wilson, W.W. *see* Cook, R.L. 25805
Wilt, D.M., Hoffman, R.W. A technique for eliminating white phosphorus deposits in vapor phase epitaxy systems 735
Wilt, D.M. *see* Jain, R.K. 48129
Wilton, D.R., Sharpe, R.M., Montgomery, N.W. Numerical solution of integral equations for arbitrary geometries with periodic boundary conditions 12710
Wilton, D.T., Mapps, D.J. An analysis of a shielded magnetic pole for perpendicular recording 43314
Wilton, R. Supplementary algorithms for DC convergence [circuit analysis] 41563
Wiltse, J.C. *see* Kozakoff, D.J. 19122
Wiltshire, T. *see* Barrick, M. 2351
Wiltzius, P. *see* Wong, A.P.Y. 6582
Wimer, S. *see* Feldman, J.A. 9901
Wimmel, K.-H. 25 years of management techniques in load distribution 16201
Wimmer, J. *see* Derissen, W. 7065
Wimmer, M. *see* Hauser, E. 39041
Wimmer, W. *see* Brand, K.P. 24751
Wimpenny, S.J. *see* Ziock, H.-J. 46885
Wimpenny, S.J. *see* Ziock, H.J. 7184
Wimshurst, M. *see* Graham, A.D. 17026
Win, W. *see* Walser, R.M. 18947
Win Tin *see* Tin Win
Win-Li Lin, Wang, C.Y., Shieh, M.J. Control of scanned, focused ultrasound hyperthermia treatments 31968
Winchell, M. *see* Bassett, S. 41560
Wincheski, B., Fulton, J.P., Nath, S., Min Namkung, Simpson, J.W. Self-nulling eddy current probe for surface and subsurface flaw detection 26539
Wincheski, B., Namkung, M., Fulton, J.P., Clendenin, C.G. Multi-mode excitation and data reduction for fatigue crack characterization in conducting plates 9846
Wincheski, B. *see* Namkung, M. 9850
Winchester, W. *see* Ntuen, C.A. 7523
Windbracke, W. *see* Wildau, H.-J. 34959
Winde, M. *see* Henschel, H. 15623
Windell, A.C., van Brakel, P.A. Value-adding to information for the television producer 30961
Winden, J.van *see* van Winden, J.
Winder, S. Single tone intermodulation testing 15190
Winder, S. Easy path to 8-bit radio links 45771
Windgassen, R.A. *see* Hurkx, F. 34895
Windham, J.P. *see* Soltanian-Zadeh, H. 15758
Windheim, J.A.von *see* von Windheim, J.A.
Windheiser, D. *see* Chatterjee, A. 44304
Windheuser, C. *see* Kindermann, J. 4495
Windisch, B., Haberthur, B. Samicabond—a VPI-system for high voltage motors 16793
Windisch, B. *see* Allison, J. 16797
Windley, P.J. *see* Gambles, J.W. 2631
Windmar, D., Niemeyer, L., Scuka, V., Lampe, W. Discharge mechanisms at wetted hydrophobic insulator surfaces 16405
Windmar, D. *see* Gutfleisch, F. 16406
Windram, M.D., Drury, G.M., Griffiths, J. Digital video compression—the future for satellites 14547
Windt, D.L. *see* Early, K. 27980
Windt, D.L. *see* MacDowell, A.A. 27832
Windt, D.L. *see* Tennant, D.M. 27823
Windt, D.L. *see* Tichenor, D.A. 27831
Winebrenner, D.P. *see* Joughin, I.R. 32098
Wineinger, J.S. *see* Petr, D.W. 5323
Winfield, M. *see* Tyll, H. 16248

Winful, H.G., Allen, S., Rahman, L. Validity of the coupled-oscillator model for laser-array dynamics 12077
Winful, H.G. *see* Feldman, S.F. 28899
Winful, H.G. *see* Ramanujan, S. 35767
Wing, M., Gieras, J.F. Transient simulation of permanent magnet dc commutator motors using the finite element approach 47898
Wing, M. *see* Gieras, J.F. 17540
Wing, M. *see* Gieras, J.F. 40629
Wing, O. *see* Qingjian Yu 44493
Wing Ququan, Da Xiaoyi Slitless rainbow holography with one-dimensional diffuse screen 12411
Wing Wah Lee *see* Lee Wing Wah
Wing-yan Ng, Kwan-dick Chan, Ming-kong Lau Micro-method of surface roughness measurement with SEM 15204
Wingard, R.M., Herbein, J.G., Kawecki, D. Homer City Generating Station—Unit 2 low NO_x burner experience 32706
Wingen, G. *see* Knigge, S. 3802
Wingen, G. *see* Stohr, A. 28509
Wingerden, D.J.Van *see* Van Wingerden, D.J.
Wingfield, J. *see* Elleby, P. 10803
Winholtz, W.S. *see* Titze, I.R. 38980
Winiarski, B. *see* Domino, A. 8614
Winiarski, B. *see* Domino, A. 8615
Winick, H. *see* Pellegrini, C. 44002
Winje, D. Energy saving campaigns and least-cost planning of the German electricity supply utilities—alibi or corporate philosophy? 39512
Winje, R. *see* Jach, C. 15554
Wink, C. Planning for the future [asynchronous transfer mode] 37596
Winker, M. *see* Spiller, P. 31572
Winkle, J.Van *see* Van Winkle, J.
Winkleman, B.C., Lineberry, J.T. Transient phenomena in MHD experiments 25779
Winkler, C. *see* Schonfelder, V. 7146
Winkler, D. *see* Ivanov, Z.G. 35287
Winkler, D. *see* Schmitt, R. 46544
Winkler, D. *see* Zhang, Y.M. 43347
Winkler, E.R. *see* Cadogan, D.P. 47194
Winkler, F. *see* Gross, E. 34166
Winkler, G.M.R. *see* Breakiron, L.A. 23765
Winkler, K. *see* Fields, E. 32636
Winkler, K. *see* Pletschen, W. 11897
Winn, D. *see* David, A. 31691
Winnewisser, G. *see* Nitsch, R. 34246
Winnick, J. *see* Harris, D. 8732
Winnick, J. *see* Kirk, T.J. 25662
Winokur, P.S. *see* Fleetwood, D.M. 34977
Winokur, P.S. *see* Schwank, J.R. 34981
Winokur, P.S. *see* Shaneyfelt, M.R. 34982
Winokur, P.S. *see* Warren, W.L. 34633
Winquist, F., Hornsten, E.G., Sundgren, H., Lundstrom, I. Performance of an electronic nose for quality estimation of ground meat 23757
Winquist, F., Sundgren, H., Hedborg, E., Lundstrom, I. Evaluation of gas sensing surfaces with a scanned light pulse technique 6625
Winquist, F. *see* Bin Xie 6604
Winquist, F. *see* Hedborg, E. 42571
Winquist, F. *see* Lundstrom, I. 23750
Winsel, A., Bashtavelova, E. The agglomerate-of-spheres model. Theoretical considerations 17216
Winsel, A. *see* Bashtavelova, E. 17217
Winslow, T.A. *see* Trew, R.J. 2595
Winster, T. *see* Nguyen, G.P. 381
Winster, T. *see* Nguyen, G.P. 19239
Winster, T. *see* Nguyen, G.P. 34422
Winston, A.E. *see* Cala, F.R. 27382
Winston, S.A. *see* Jenkins, J.M. 24305
Winstone, T.B. *see* Danson, C.N. 3569
Wintenberg, A.L. *see* Britton, C.L., Jr. 46993
Winter, C.-J. Solar cities 32533
Winter, E.M., Schlangen, M.J. Detection of extended targets using multi-spectral infrared 32111
Winter, G. *see* Huenert, R. 34847
Winter, H., Weigel, L. Innovation from North to South. Variable-speed drives in the new German states 40505
Winter, K. *see* Konijn, J. 24087
Winter, S.C. *see* Kalantery, N. 13993
Winter, S.C. *see* Kalantery, N. 45407
Winter, T. *see* Mauw, S. 37251
Winterberger, W.J., Baird, A.M., Taylor, W.E. Infrared thermal prediction modeling 7680
Winterbottom, W.L. Converting to lead-free solders: an automotive industry perspective 282
Winterfeld, C.von *see* von Winterfeld, C.
Winternheimer, S. *see* Huth, S. 2479
Winters, J.H. Signal acquisition and tracking with adaptive arrays in the digital mobile radio system IS-54 with flat fading 22830
Winters, M. *see* Wake, M. 15366
Winters, W.E., Yue, A.S., Streit, D. Electrical and optical characterization of pseudomorphic AlGaAs/InGaAs high-electron mobility transistors 2582
Winterton, S.S., Smy, T.J., Tarr, N.G. A simple approximate representation of the electrical behaviour of metal-silicon contacts 27580
Winton, G.H., Faraone, L., Lamb, R. Correlation of X-ray photoelectron spectroscopy and Rutherford backscattering spectroscopy depth profiles an $Hg_{1-x}Cd_xTe$ native oxides 27482
Wintterlin, J., Avouris, P. Scanning tunneling microscopy (STM) studies of the chemical vapor deposition of Ge on Si(111) from Ge hydrides and a comparison with molecular beam epitaxy 26495
Winzer, S. *see* Bridger, K. 17416
Winzker, M., Gruger, K., Gehrke, W., Pirsch, P. VLSI chip set for 2D HDTV subband filtering with on-chip line memories 46223
Wipf, S. *see* Balewski, K. 46775
Wipiejewski, T., Panzlaff, K., Zeeb, E., Ebeling, K.J. Tunable extremely low threshold vertical-cavity laser diodes 20788
Wipiejewski, T., Panzlaff, K., Zeeb, E., Weigl, B., Ebeling, K.J. Efficient alignment tolerant coupling of vertical-cavity lasers to single-mode fibers 35355
Wipiejewski, T. *see* Moller, B. 38095
Wipiejewski, T. *see* Panzlaff, K. 9641
Wippermann, K., Stimming, U., Jansen, H., Stover, D. Electrochemical behavior of Perovskite cathodes made by wet powder spraying 17265
Wippermann, K. *see* Jansen, H. 33017
Wire, M.S. *see* Jackson, C.M. 1403
Wirl, K. *see* Ould Salem, S. 35429
Wirner, C., Gornik, E. Solid state klystrons as far infrared radiation source 11260
Wirner, C. *see* Kiener, C. 27558
Wirote Boonkosum, Dusit Kruangam, Somsak Panyakeow Visible-light amorphous silicon-nitride thin film light emitting diode 28660
Wirowski, R. *see* Eschenauer, M. 31817
Wirsz, E., Prior, F.W., Meredith, G.A., Anderson, K.R. Hierarchical rapid modeling of picture archiving and communication systems using LANNET II.5 and Network II.5 5519
Wirth, H. *see* Jones, R.T. 46908
Wirth, P. Mains-borne interference transients affecting EMC characteristics 47349
Wirtz, G. PASC data coding for DCC 46267
Wirtz, R.A., Mathur, A. Convective heat transfer distribution on the surface of an electronic package 40952
Wirzbicki, M.A., Lekas, J.S., Cuellar, J., Paddock, C., Seliger, M., Stan, M.W. Understanding, quantifying and reducing photospeed test error through technical partnerships and experimental design 19681
Wisch, H.H. *see* Franczak, D.F. 32711
Wischert, W., Olivier, M., Groslambert, J. Frequency instabilities in phase-locked synthesizers induced by time delays 18512
Wischert, W., Olivier, M., Groslambert, J. 1/f cycle slipping behavior in phase-locked loops with time delays 18527
Wischmann, H.-A. *see* Dossel, O. 15821
Wise, A. Essentials of Gerber and CAM: the inside view 42293
Wise, B.M. Using the PLS toolbox in PAC applications 26254
Wise, F. *see* Proctor, B. 3491
Wise, F. *see* Proctor, B. 20698
Wise, F. *see* Yanovsky, V. 3485
Wise, F.W. *see* Davidson, A.C. 36439
Wise, J.L. *see* Machala, C.F., III 42968
Wise, K.D. Integrated microinstrumentation systems: smart peripherals for distributed sensing and control 31126
Wise, L., Mahany, R., Wang, L. New ultra large field submicron i-line stepper for advanced mix-and-match applications 2385
Wise, M.L. *see* Coon, P.A. 41490
Wise, R.M. *see* Hsia, P.-W. 24328
Wise, S.A. *see* Hooker, M.W. 24489
Wise, T., Roberts, A.D., Haeberli, W. A high-brightness source for polarized atomic hydrogen and deuterium 15588
Wise, T. *see* Roberts, A.D. 31587
Wise, T. *see* Ross, M.A. 31615
Wisely, D.R. *see* McCullagh, M.J. 45915
Wisely, D.R. *see* McCullagh, M.J. 45980
Wiseman, J. *see* Cagan, M. 11003
Wisk, P., Abernathy, C.R., Pearton, S.J., Ren, F., Fullowan, T., Lothian, J. Comparison of disilane and tetraethyltin as gaseous dopants for growth of n-GaAs and n-AlGaAs by MOMBE 780
Wisk, P. *see* Abernathy, C.R. 779
Wisk, P.W., Abernathy, C.R., Pearton, S.J., Ren, R., Katz, A., Bohling, D.A. Deposition of TiN by electron cyclotron resonance-metal organic molecular beam epitaxy 26417
Wisk, P.W. *see* Abernathy, C.R. 41328
Wisk, P.W. *see* Pearton, S.J. 2023
Wisk, P.W. *see* Ren, F. 2486
Wisk, P.W. *see* Ren, F. 42549
Wisk, P.W. *see* Ren, F. 42893
Wiskin, P. *see* Kemeny, P.C. 38021
Wiskott, L., von der Malsburg, C. A neural system for the recognition of partially occluded objects in cluttered scenes: a pilot study 22142
Wisniewski, J.B., Schiavoni, R.M. Degraded-voltage protection for nuclear plant safety buses 32571
Wisniewski, P. *see* Berthold, G. 42536
Wisniewski, P. *see* Suski, T. 42503
Wisniowski, W. Model calibration of vibration sensors 14985
Wisnivesky, D., Zhao, Y.X., Remy, M.A., Farias, R.H.A. Study of high order modes for the LNLS RF cavity 15514
Wisoff, P.J. *see* Elias, J.A. 41441
Wiss, D. *see* Eisele, K. 31520
Wisseman, P. *see* Ramanujan, S. 35767
Wisser, I. *see* Averin, S.V. 46424
Wissing, J. Hysteresis-based congestion control at the B-ISDN access 30533
Wissmann, F. *see* Lohmann, D. 46810
Wiszniewski, A., Szawlis, J. Approximation of amplitude characteristics in design of FIR filters 10291
Wit, M.de *see* de Wit, M.
Wit, N.J.P.de *see* de Wit, N.J.P.
Witana, V., Seneviratne, A. Operating system support for multimedia applications 36906
Witana, V., Seneviratne, A. Operating system support for multimedia applications 37236
Witberg, H. Planning pan—European networks with CAESAR 45874
Witek, W. The selection of resistance R_0 in the voltage divider of a system for the measurement of capacitors $tg\delta_x$ opening by sinusoidal signal 1656
Witek, W. The influence of measuring the error of shift phase on the accuracy of determining the capacitors' $tg\delta_x$ by a sine signal 1657
Witek, W. The analysis of compensation of measurement results of active component U_2 of voltage U_x of capacitors 1658
Witek, W. Increase of determination accuracy of $tg\delta_x$ in capacitors at a sine signal 1659
Witek, W.. The analysis of the algorithms of operation of a system for measurement of $tg\delta_x$ at a sine signal 1660
Witek, W. The measurement of voltage (current) components of two-terminal capacitance by determination of moments measurement 6726
Witek, W. The converter with divider of voltage $Z_xR_0C_0$ for the measurement of $tg\delta_x$ of capacitors, working by a sine signal 8503
Witek, W., Pacholski, K. The system of assigning C_x and $tg\delta_x$ of capacitative two-terminal networks employing the method of double sampling 6725
With, A.de *see* de With, A.
With, G.de *see* de With, G.
With, P.H.N.de *see* de With, P.H.N.
Withers, D.E., Robertson, G., Henderson, A.J., Tang, Y., Cui, Y., Sibbett, W., Sinclair, B.D., Dunn, M.H. Comparison of lithium triborate and β-barium borate as nonlinear media for optical parametric oscillators 3852
Withers, L.P., Jr. *see* Hughes, R.D. 21890
Withers, R. *see* Martens, J.S. 6757
Withers, R.S. *see* Guo-Chun Liang 34222
Withers, R.S. *see* Lee, L.H. 1382
Withers, R.S. *see* Liang, G.-C. 6753
Witherspoon, F.D. *see* Tidman, D.A. 36127
Withey, P. *see* Broom, C. 16671
Withington, P., II, Fullerton, L.W. An impulse radio communications system 45764
Withington, S., Yassin, G. Spectral-domain analysis of submillimetre-wave microstrip filters 1476
Withington, S. *see* Murphy, J.A. 29265
Withington, S. *see* Murphy, J.A. 34213
Withman, R. *see* Fister, T. 23089
Withnall, S.G. *see* Butcher, P.M. 4147
Withrow, C.A. *see* Bents, D.J. 7547
Witkowski, D., Zygis, K. Image processing using LCA integrated circuits for sampling of camera output signals 38357
Witkowski, L.C. *see* Ikalainen, P.K. 1527
Witkowski, S. *see* Baumhacker, H. 3425
Witkowski, S. *see* Baumhacker, H. 35655
Witmer, S.B., Mittleman, S., Lehy, D., Ren, F., Fullowan, T.R., Kopf, R.F., Abernathy, C.R., Pearton, S.J., Humphrey, D.A., Montgomery, R.K., Smith, P.R., Kreskovsky, J.P., Grubin, H.L. Radiation testing of AlInAs/InGaAs and GaAs/AlGaAs HBT's 2471
Witschital, P., Harke, U., Niemoller, M., Schukat, H. Integration of speech into workstation-based applications 36631
Witt, A. *see* Hermes, L.G. 39379
Witt, G.L. LTMBE GaAs: present status and perspectives 18185
Witt, G.L., Calawa, R., Mishara, U., Weber, E. *(editors)* Low Temperature (LT) GaAs and Related Materials Symposium 68
Witt, J.-D. *see* Dietrich, J. 7097
Witt, J.D. *see* Derissen, W. 7065
Witt, T.J. *see* Geneves, G. 46565
Witt, T.J. *see* Reymann, D. 6278
Witt, W. *see* Helgeson, M. 39224
Witt Huberts, P.K.A.de *see* de Witt Huberts, P.K.A.
Wittchen, T. *see* Kolodinski, S. 8761
Witte, F.-O., Backes, R., Klumpp, M., Schidlack, E., Ullrich, M. Multipurpose audio signal compander 1255
Witte, G. An algorithm for the dimensioning of circuits for synthetic high-voltage circuit-breaker testing 40355
Witte, H.-H. Photonic multi-stage frequency-based ATM switching network allowing modular expansion 30189

Witte, H.-H. Comparison of a novel photonic frequency-based switching network with similar architectures 45727
Witte, H.H. Novel photonic switching network using optical frequency division shared-medium switching 5680
Witte, K. *see* Saez, P. 23989
Witte, K.J. *see* Baumhacker, H. 3425
Witte, K.J. *see* Baumhacker, H. 35655
Wittekoek, S. Optical lithography: present status and continuation below 0.25 μm 27999
Wittekoek, S., van den Brink, M., Poppelaars, G., Reuhman-Huisken, M., Grassmann, A., Boettiger, U. Wide field deep UV wafer stepper for 0.35 μm production 2350
Witteman, M.F., van Wuijtswinkel, R.C. ATM broadband network testing using the ferry principle 30542
Witteman, W.J. *see* Botma, H. 28707
Witteman, W.J. *see* Heeman-Ilieva, M.B. 28727
Witteman, W.J. *see* Heeman-Ilieva, M.B. 3418
Witteman, W.J. *see* Lankhorst, F.T.J.L. 11936
Witteman, W.J. *see* Timmermans, J.C.M. 35681
Witteman, W.J. *see* van Goor, F.A. 20652
Witteman, W.J. *see* Zambon, P. 43980
Witten, I.H. *see* Moffat, A. 4389
Witten, M.L. *see* Pickering, L.W. 36189
Wittenberg, D.O. Electric utility program for development and commercialization of electric vehicles 48193
Wittenbreder, E., Martin, H. New simple resonant transition topologies for high frequency multiphase parallel PWM converters 26714
Wittenbrink, C.M., Somani, A.K. Cache tiling for high performance morphological image processing 22268
Wittenburg, K. Experience with the residual gas ionisation beam profile monitors at the DESY proton accelerators 15453
Wittering, S. As a matter of fax 22487
Witternigg, N., Kubista, E., Randeu, W.L., Riedler, W., Arbesser-Rastburg, B., Allnutt, J.E. Quadruple-site diversity experiment in Austria using 12 GHz radiometers 4097
Witters, J. *see* Zhou, M.-J. 20028
Witthoft, K.-U., Schreiter, T. DC-link design for a four-quadrant PWM converter drive 40538
Wittig, J. *see* Fruhauf, J. 27702
Wittig, J.E. *see* Haglund, R.F., Jr. 21065
Wittig, M. *see* Czichy, R.H. 14672
Wittig, M. *see* Fernandez, E. 14566
Wittig, R. *see* Wachholz, G. 22658
Wittig, R. *see* Wachholz, G. 30534
Witting, P.A. A technique for the implementation of low frequency digital filters with simple FAD-based hardware 27074
Witting, P.A. *see* Sarvar, F. 1753
Wittke, P.H. *see* Smith, W.S. 36452
Wittler, M. Mobile partial discharge measurement and location in medium voltage cables 7951
Wittlinger, H.A. *see* Hawkes, C. 47986
Wittmaack, K. Secondary ion mass spectrometry depth profiling of boron and antimony deltas in silicon: comparison of the resolution functions using oxygen bombardment at different energies and impact angles 42385
Wittman, L. *see* Bonnett, A. 8793
Wittmann, C., Schmid, R.D. Application of an automated quasi-continuous immuno flow injection system to the analysis of pesticide residues in environmental water samples 7642
Wittmann, R.C. *see* Blejer, D.J. 44201
Wittmann, R.C. *see* Young, M. 2973
Witts, G., Alshahib, I. PENTAG—a Petri net based automatic test pattern generator for sequential digital circuits 41758
Wittstruck, R. *see* Schauer, S.N. 33739
Witulski, A.F. *see* Glaser, J.S. 33866
Witvrouw, A. *see* De Bosscher, W. 19633
Witzig, C. *see* Bee, C.P. 38899
Wixforth, A. *see* Simon, A. 15027
Wlczek, P. *see* deFigueiredo, R.J.P. 39144
Wlodarczyk, A.J. *see* Mallik, A. 44412
Wlodek, R. *see* Florkowska, B. 35128
Wnuk, A. 1992: nuclear power in the electricity generating industry of the Federal Republic of Germany 39808
Wnukiewicz, B. *see* Zubinski, J. 10526
Wo, Y. *see* Wu, P. 43595
Woborschil, W. Workstations and HDTV 38310
Wodicka, G.R. *see* Mansfield, J.P. 31893
Wodzinski, J. Generation of short lightning impulses of great steepness and short duration 8504
Woeginger, J. *see* Klinz, B. 33483
Woei-Yun Ho, Chunchi Ma, Bene, R.W., Buckman, A.B., Walser, R.M., Becker, M.F. Characterization of fractal Brownian process in laser damaged photodiodes 43643
Woerd, A.C.van der *see* van der Woerd, A.C.
Woerdman, J.P. *see* Kristensen, M. 18967
Woerdman, J.P. *see* Kuppens, S.J.M. 43742
Woerdman, J.P. *see* van Exter, M.P. 3615
Woerdman, J.P. *see* van Exter, M.P. 43825
Woerlee, P.H., Lifka, H., Montree, A.H., Paulzen, G.M., Pomp, H., Woltjer, R. N_2O nitrided gate dielectric technology for 0.25 μm CMOS 20007
Woerlee, P.H. *see* Montree, A.H. 20002
Woerlee, P.H. *see* van Dort, M.J. 28138
Woesik, E.T.C.van *see* van Woesik, E.T.C.
Woesik, E.Th.C.van *see* van Woesik, E.Th.C.
Woestenburg, E.E.M., Nieuwenhuis, L. Cryogenic noise performance of HEMTs and MESFETs between 300 and 700 MHz 43024
Woggon, U. *see* Langbein, W. 3844
Wohlfahrt, H. *see* Heyn, H. 3753
Wohlgemuth, J. *see* Narayanan, S. 48121
Wohlschlager, H. *see* Schuhmann, W. 31325
Wohn, F. *see* O'Brien, E. 31743
Woias, P., Koch, S., Muller, E., Barrow, D., Cefai, J., Curtis, G., Hughes, H. An ISFET-FIA system for high precision pH recording 6608
Woirhaye, R.L. 900-MHz communications resource attracts attention from all arenas [electric utility applications] 5289
Woitok, J. *see* Finders, J. 9634
Woitok, J. *see* Taudt, W. 33609
Wojak, G.W. *see* Jiang Liu 27691
Wojciechowski, J.M., Vlach, J. Ellipsoidal method for design centering and yield estimation 18393
Wojcik, M.J. *see* McCormick, F.B. 43584
Wojcik, P. *see* Feighan, P. 47158
Wojcik, R., Kross, B., Majewski, S., Seaford, B., Weisenberger, A.G., Zorn, C. Embedded waveshifting fiber readout of long scintillators 7244
Wojcik, R., Kross, B., Majewski, S., Seaford, B., Weisenberger, A.G., Zorn, C. Embedded waveshifting fiber readout of long scintillators 31687
Wojcik, R., Kross, B., Majewski, S., Weisenberger, A.G., Zorn, C. Embedded waveshifting fiber readout of long scintillators 46866
Wojcik, R. *see* Weisenberger, A. 1815
Wojcik, Z.A. Ground operation of the mobile servicing system on Space Station Freedom 47156
Wojdylak, H. *see* Motte, R.H. 38184
Wojnarowski, R. *see* Fillion, R. 25917
Wojnarowski, R. *see* Lyke, J.C. 40929
Wojszynski, T.G., Terzuoli, A.J., Stytz, M.R. Scientific visualization of 3D radar cross section data 46034
Wojtczak, K. *see* Borzemski, L. 22571
Wojtkiewicz, A. *see* Tuszynski, M. 23156
Wojtkowski, W. *see* Wojtkowski, W.G. 30436
Wojtkowski, W.G., Barrett, M., Barton, J.M., Wojtkowski, W. Planning implementation steps for co-operative processing systems 30436
Wojtowicz, M. *see* Lai, R. 19048
Wojtsekhowski, B.B. *see* Dudnikov, V.G. 46819
Wojtyna, R. *see* Borys, A. 10002
Wolak, E. *see* Tompa, G.S. 41478
Wolany, D. *see* Storm, W. 42671
Wolbank, T.M. *see* Schroedl, M. 8926
Wolbarst, A.B. *see* Marbach, J.R. 39089
Wolbert, P.B.M., Wachutka, G.K.M., Krabbenborg, B.H., Mouthaan, T.J. Nonisothermal device simulation using the 2D numerical process/device simulator TRENDY and application to SOI-devices 35091
Wolbold, G. *see* Mann, K. 3749
Wold, B. *see* He, J. 18487
Woldenga, C. *see* Rothe, H. 40987
Wolf, A. *see* Grieser, M. 6900
Wolf, B. *see* Angert, N. 6905
Wolf, B. *see* Fuest, R. 3111
Wolf, B. *see* Jennewein, E. 23963
Wolf, B.H., Emig, H., Spadtke, P., Brown, I.G. MEVVA ion source for heavy ion synchrotron injection 15590
Wolf, B.H. *see* Steck, M. 7061
Wolf, D., Kipper, U., Reininger, H. Recent trends in speech coding 13092
Wolf, D. *see* Kasper, K. 13133
Wolf, D. *see* von der Hardt, H.-J. 46617
Wolf, D.A.de *see* de Wolf, D.A.
Wolf, E. *see* Harkness, C. 37128
Wolf, E.D. *see* Porkolab, G.A. 28852
Wolf, F., ter Haseborg, J.L. Influence of the nonlinear behaviour of protective suppressor diodes on RF signals 44396
Wolf, F. *see* Mewes, H. 36285
Wolf, H., Hornauer, U., Lerman, R., Endalamaw, Y., Filz, T., Krings, T., Lauer, S., Ott, U., Singer, E., Tsige, M., Wichert, T. Metal vacancies in Li and In doped ZnSe and CdS 42631
Wolf, H. *see* LaFlame, D. 12766
Wolf, H. *see* Schulz, S.E. 19629
Wolf, H.C. *see* Fischler, M.A. 36996
Wolf, I.De *see* De Wolf, I.
Wolf, J. *see* Dodd, A.C. 7229
Wolf, J. *see* Eitel, K. 31763
Wolf, J. *see* Wagner, R. 40022
Wolf, J.K. *see* Baggen, C.P.M.J. 12804
Wolf, J.K. *see* Barbosa, L.C. 28372
Wolf, J.K. *see* Raghavan, S.A. 13271
Wolf, L. *see* Kołodziejczyk, K. 4951
Wolf, L. *see* Meguro, T. 28766
Wolf, L.C., Herrtwich, R.G. The system architecture of the Heidelberg transport system 45327
Wolf, M. *see* Eckert, D. 43286
Wolf, M. *see* Powell, W.E. 22420
Wolf, P. *see* Loschner, H. 27920
Wolf, P. *see* Vettiger, P. 3641
Wolf, P.D. *see* Eyuboglu, B.M. 24321
Wolf, P.D. *see* Rollins, D.L. 38948
Wolf, R. The electric vehicle in France 40608
Wolf, S. *see* Lohmann, D. 46810
Wolf, S. *see* Seitz, N.B. 37267
Wolf, S. *see* Webster, A.A. 23297
Wolf, T., Amann, M.C., Albrecht, H. Laser diodes and integrated optoelectronic circuits for fiber optical applications 37645
Wolf, T., Illek, S., Rieger, J., Borchert, B., Amann, M.-C. Tunable twin-guide (TTG) distributed feedback (DFB) laser with over 10 nm continuous tuning range 20766
Wolf, T. *see* Amann, M.C. 20787
Wolf, T. *see* Sieverding, T. 19021
Wolf, W. FSM decomposition for pipelined data 1208
Wolf, W., Manno, R. High-level modeling and synthesis of communicating processes using VHDL 18638
Wolf, W.H. *see* Huang, S.C.-Y. 41737
Wolf, W.H. *see* Lee, T.-C. 26888
Wolf, W.H. *see* Lipton, R.J. 9882
Wolf-Gunther, J. *see* Walch, M. 37152
Wolfbeis, O.S., Li, H. Fluorescence optical urea biosensor with an ammonium optrode as transducer 23744
Wolfe, D.E. How to lower fiber install costs 46235
Wolfe, J.C. *see* Stumbo, D.P. 27922
Wolfe, J.E. *see* Bassett, R.N. 351
Wolfe, L.B., Chein-I Chang A simple method for calculating the rate distortion function of a source with an unknown parameter 4362
Wolfe, V.F. *see* Bussiere, G. 7679
Wolfenstetter, K.-D. Data protection and data security in new communication media 22403
Wolff, A. *see* Bauch, L. 2311
Wolff, A. *see* Bauch, L. 27761
Wolff, D. *see* Goyal, R. 17892
Wolff, G.B., Haubrich, H.-J. Planning distribution systems considering thermal capacities of power cables 16275
Wolff, I. Design rules and realisation of coplanar circuits for communication applications 27287
Wolff, I. 3-D electromagnetic field simulation using finite difference time domain and/or spectral domain techniques 29089
Wolff, I. Design rules and realisation of coplanar circuits for communication applications 42233
Wolff, I. *see* Abdo-Tuko, M. 19114
Wolff, I. *see* Becks, T. 1624
Wolff, I. *see* Becks, T. 1630
Wolff, I. *see* Becks, T. 42230
Wolff, I. *see* Kosslowski, S. 19144
Wolff, I. *see* Kumpel, W. 27168
Wolff, I. *see* Kunisch, J. 1493
Wolff, I. *see* Kunisch, J. 26648
Wolff, I. *see* Nevermann, P. 11239
Wolff, I. *see* Schroeder, W. 12693
Wolff, I. *see* Schroeder, W. 27474
Wolff, L.B. A diffuse reflectance model for dielectric surfaces 5042
Wolff, L.B. Relative brightness of specular and diffuse reflection 45137
Wolff, P. *see* de Murcia, M. 10670
Wolff, R.S., Pinck, D. Internetworking satellite and local exchange networks for personal communications applications 37909
Wolff, R.S. *see* Lo, C.N. 37784
Wolff, T. *see* Eichenberger, S. 38928
Wolff-Rottke, B., Schmidt, H., Scholl, A., Ihlemann, J. Micro machining with excimer lasers: photoablation and plasma sputtering 21133
Wolffenbuttel, R.F. *see* French, P.J. 27704
Wolffenbuttel, R.F. *see* Li, Y.X. 10940
Wolffenbuttel, R.F. *see* Rutka, M.J. 14938
Wolffer, N., Gravey, P. High quality phase conjugation in a double phase conjugate mirror using InP:Fe at 1.3 μm 44094
Wolffer, N., Royer, V., Gravey, P. Self-aligned connections between single mode fibers with mutually pumped phase conjugate mirrors 12346
Wolffer, N., Vieux, V., Royer, V., Picoli, G., Gravey, P. Self-aligned holographic interconnects between single-mode fibres with mutually pumped phase conjugate mirrors 3894
Wolfle, S. *see* Dodd, A.C. 7229
Wolford, D.J., Gilliland, G.D., Kuech, T.F., Klem, J.F., Hjalmarson, H.P., Bradley, J.A., Tsang, C.F., Martinsen, J. Comparison of transport, recombination, and interfacial quality in molecular beam epitaxy and organometallic vapor-phase epitaxy GaAs/$Al_xGa_{1-x}As$ structures 34583
Wolfowicz, W. *see* Gong, G. 44649
Wolfowicz, W. *see* Gong, G. 44650
Wolframm, A.P. *see* Kreitmair-Steck, W. 30913
Wolfrum, A. *see* Willis, B. 34395
Wolfrum, J. *see* de With, A. 12498
Wolfrum, K. *see* Laenen, R. 20976
Wolfs, F.L.H. *see* Gazes, S.B. 24111
Wolfs, F.L.H. *see* Maier, M.R. 31781
Wolfs, M. *see* Lilien, J.L. 16392
Wolfs, P.J. *see* Flinders, F.M. 40327
Wolicki, E. *see* Henderson, L. 39242
Wolin, E. *see* Bellwied, R. 31684
Wolinski, W. *see* Mossakowska, A. 3501
Wolinski, W. *see* Tyszka, A. 3502
Wolinski, W. *see* Tyszka-Zawadzka, A. 43844
Wolisz, A. *see* Walch, M. 37152
Wolk, C. *see* Brugger, H. 10482
Wolk, C. *see* Kosslowski, S. 19144
Wolk, C. *see* Meiners, U. 43017

Wolk, R.H., Cohn, A. New power plant cycles utilizing air humidification and turbomachinery 32759
Wolkenberg, A., Przeslawski, T., Klamka, J., Somogyi, K. Comments on letter by K. Somogyi [Gunn diode magnetoresistance] 42213
Wolkenbauer, J. Entry made more certain. Functional system blocks (FSB) for ATM system components 14358
Wolkoff, E.A., Kraimer, W.A. Pattern measurements of US Navy ELF antennas 4313
Woll, C. *see* Ajji, Z. 33742
Wolland, S. An introduction to TMN 14019
Woller, K. *see* Bollmann, R. 46869
Wollersheim, A.H.M.L. An equivalent dynamic model for a group of induction motors 8364
Wollitzer, M., Buechler, J., Biebl, E. Subharmonic injection locking slot oscillators 10484
Wollman, D.A., Van Harlingen, D.J., Lee, W.C., Ginsberg, D.M., Leggett, A.J. Experimental determination of the superconducting pairing state in YBCO from the phase coherence of YBCO-Pb DC SQUIDs 2869
Wollner, S. *see* Gfirtner, H. 24168
Wollnik, H. *see* Spiller, P. 31572
Wollny, M. *see* Fuhrer, O. 40459
Wolny, A., Stokes, A.D., Kacprzak, B. High-voltage fuse behaviour with varistor commutation 32950
Wolowodiuk, W., van Hook, J.P., Robertson, A.S. High-efficiency integrated combined cycle 39970
Wolpert, S., Lee, L.A., Heisler, J.F. Circuits for a VLSI-based standalone backpropagation neural network 18929
Wolpert, S., Osborn, M.J., Musavi, M.T. A VLSI-based Gaussian kernel mapper for real-time RBF neural networks 18930
Wolpert, S. *see* Osborn, M.J. 39097
Wolsey, L.A. *see* de Souza, C.C. 26382
Wolski, D. *see* Moszynski, M. 15632
Wolski, G.B. Narrow passage. Not fault-free: reasonably priced test methods for SMT boards 9229
Wolstenholme, G. *see* Hoang, L. 18712
Wolter, H., Weiland, T. Calculating scattering parameters of 3-dimensional structures by broadband excitation in the time domain 46745
Wolter, H. *see* Balewski, K. 46775
Wolter, J.H. *see* Haverkort, J.E.M. 35868
Wolter, J.H. *see* Haverkort, J.E.M. 42482
Wolter, J.H. *see* Pereira, R. 10904
Wolter, J.H. *see* Ragay, F.W. 1925
Wolter, J.H. *see* Ragay, F.W. 27624
Wolter, J.H. *see* van Es, C.M. 19382
Wolter, J.H. *see* Weegels, L.M. 21076
Wolter, J.H. *see* Yoffe, G.W. 3084
Wolter, J.H. *see* Yoffe, G.W. 3187
Wolter, J.H. *see* Yoffe, G.W. 20401
Wolter, K. *see* Kohl, A. 9643
Wolter, S., Laur, R. An RNS implementation of a length-8 DCT based on a cyclic convolution algorithm 18815
Wolter, S. *see* Feng-Ming Yang 41950
Wolter, S. *see* Riege, M.W. 10090
Wolters, H. *see* Rodriguez, T. 19412
Wolters, R. *see* Schmitz, J. 42753
Wolters, R.A.M. *see* Kordic, S. 10990
Wolters, R.A.M. *see* Reader, A.H. 34816
Woltjer, R., Paulzen, G.M. Improved prediction of interface-trap generation in NMOST's 42941
Woltjer, R. *see* Woerlee, P.H. 20007
Wolverton, J. *see* Gingras, R.L. 23177
Wolz, W. *see* Arnold, R. 14880
Wolz, W. *see* Helmreich, K. 42375
Wolz, W. *see* Muller-Glaser, K.D. 40907
Wolz, W. *see* Scharf, R. 11264
Wolz, W. *see* Scharf, R. 43047
Womble, D.E. *see* Tuminaro, R.S. 604
Womersley, J. *see* Clark, E. 24010
Won, C.Y., Kim, D.H., Kim, S.C., Yoo, D.W. Position control of induction motor with a new fuzzy-sliding mode controller 16848
Won, S. *see* Namkung, W. 15292
Won, S. *see* Namkung, W. 15293
Won, S.C. *see* Huang, J.Y. 15448
Won Chel Choi *see* Suk-Ki Min 40474
Won Ham Jae *see* Jae Won Ham
Won Han Jae *see* Jae Won Han
Won Hwang Jee *see* Jee Won Hwang
Won Ick Jang *see* Doh Hoon Kim 2377
Won Kang Sang *see* Sang Won Kang
Won Kim Jong *see* Jong Won Kim
Won Kyung Cho *see* Hyun Shik Yoon 1373
Won Lee In *see* In Won Lee
Won Sik Youn, Chong Kwan Un Fast adaptive beamforming robust to array imperfections 21807
Won Soo Lim, Jae Hwan Park, Sun Young Hwang Design of a component library for high-level synthesis 33826
Won Tae Kim, Hong Goo Nho, Kwang Soo Kim Effect of heat transfer on air jet impingement of electronics components 354
Won Tai-Kyung *see* Tai-Kyung Won
Won-Chul Kim *see* Sang-Yu Lee 19748
Won-Kyu Rhim, Chung, S.K., Barber, D., Man, K.F., Gutt, G., Rulison, A., Spjut, R.E. An electrostatic levitator for high-temperature containerless materials processing in 1-g 4011
Won-Pyo Hong *see* Jung-Pyo Lee 16952
Wonchan Kim *see* Sung-Jhl Kim 28108
Wong, A. *see* Pierrat, C. 2265
Wong, A. *see* Puri, A. 30062
Wong, A.H., Cheng-Tie Chen A comparison of ISO MPEG1 and MPEG2 video coding standards 36821
Wong, A.K., Lee, S.H., Wong, M.G. Current combiner enhances active mixer performance 41719
Wong, A.K.C., Gao, Q.G. A corner detector for 3D object recognition 30020
Wong, A.K.C., Li, C.W. Visual transformation of a 3-D object in attribute hypergraph representation 5052
Wong, A.P.Y., Wiltzius, P. Dynamic light scattering with a CCD camera 6582
Wong, A.S. *see* Giles, M.D. 28245
Wong, A.W.K. *see* Huang, H.K. 37495
Wong, A.Y. *see* Bannister, P.R. 4138
Wong, B., Megerle, C.A., O'Brien, D.L., III, Elias, W.E., Gesick, W.R., McKernan, D.B. Fatigue-resistant solder 33354
Wong, B. *see* Bender, M. 22564
Wong, B. *see* Lau, J.H.K. 32624
Wong, B.C. *see* Kuczynski, M.A. 30562
Wong, B.L. *see* Stern, H.L. 5552
Wong, B.P. *see* Oyama, B.K. 28257
Wong, C., Mohan, N., He, J. Adaptive phase control for three phase PWM AC-to-DC converters with constant switching frequency 8628
Wong, C. *see* He, J. 16956
Wong, C. *see* Krishnaswami, K. 23618
Wong, C.-M.G. *see* Mainsah, E. 31418
Wong, C.J. Hurricane Andrew induced damage to Florida Power & Light's transmission system 32383
Wong, C.J., Burnham, J.T., Eby, M.R. Hurricane Andrew's challenge to Florida Power and Light 16120
Wong, C.K. *see* Chen, H.H. 17850
Wong, C.K. *see* Chen, H.H. 19967
Wong, C.K. *see* Sarrafzadeh, M. 26621
Wong, C.K. *see* Wang, T.-C. 19938
Wong, C.P., Looby-Calvert, M.M. Analyses of contaminant mobile ions in silicone encapsulants for hermetically equivalent (nonhermetic) IC packaging 17900
Wong, C.P., McBride, R. Robust titanate-modified encapsulants for high voltage potting application of multichip module/hybrid IC 40936
Wong, C.P. *see* Chang, D.D. 42339
Wong, C.P. *see* Chang, D.D. 42340
Wong, D. *see* Betts, R.A. 38012
Wong, D.F. *see* Chan, J.C. 44666
Wong, D.F. *see* Rajaraman, R. 19958
Wong, D.F. *see* Ting-Chi Wang 981
Wong, D.F. *see* Wang, T.-C. 19938
Wong, D.F. *see* Yang Cai 26565
Wong, D.F. *see* Yang Cai 26625
Wong, D.F. *see* Zhu, K. 26856
Wong, D.P., Dumin, D.J. Transient flat-band voltage shifts following high voltage stressing of thin oxides 19445
Wong, E.K.L., Richmond, G.L. Examination of the surface second harmonic response from noble metal surfaces at infrared wavelengths 3860
Wong, E.M.C. A phone-based remote controller for home and office automation 40666
Wong, E.M.C., Naik, K.R. Real time graphical monitoring and controlling of electroplating process 14897
Wong, E.M.C., Ong, J.T., Lau, S.F., Pang, C.M., McDermott, J. Digital signal processing of SINAD measurement for cordless telephone 5816
Wong, E.Q., Soderstrand, M.A., Loomis, H.H. Computer-aided design of pipelined IIR digital filters 10321
Wong, G. *see* Zhang, Z. 32896
Wong, G.K. *see* Fulin Xiong 21023
Wong, G.K. *see* Wang, J.F. 44071
Wong, G.K. *see* Yi, X.J. 33637
Wong, G.S., Kronberg, F.A., Meriwether, H.D., Wong, L.S., Grassi, C.L. Extreme Ultraviolet Explorer Science Operation Center 24455
Wong, G.T.F. *see* Ching-Ling Wei 24515
Wong, H. Implementation of CCITT ATM adaptation layers 37127
Wong, H., Cheng, Y.C. Generation of interface states at the silicon/oxide interface due to hot-electron injection 19475
Wong, H. *see* Konijn, J. 24087
Wong, H. *see* Leu, M.C. 27376
Wong, H. *see* Yang, B.L. 27594
Wong, H.K. *see* Yan, F.N. 19164
Wong, H.T. *see* Konijn, J. 24087
Wong, J., Buxton, J., Hayes, J. Optimum performance from single-supply linear circuits 1077
Wong, J., Buxton, J., Hayes, J. Optimum performance from single-supply linear circuits 9943
Wong, J.H. *see* Chen, S.N. 25742
Wong, J.K., Giles, J.A. Optimal critical values of a preliminary test for linear restrictions in a regression model with multivariate Student-t disturbances 17992
Wong, J.W., Gerber, R.L., Michalski, J.M., Graham, M.L., Halverson, K.J., Cheng, A.Y., Grigsby, P., Renna, M., Sawyer, P., Perez, C.A. On-line image verification in radiation therapy: an early USA experience 15907
Wong, J.W. *see* Friesen, V.J. 5603
Wong, J.W. *see* Ren, J.-F. 37653
Wong, J.Y. *see* Buchholz, V. 16329
Wong, K.-L., Chen, N.-C., Chen, H.-T. Analysis of a hemispherical dielectric resonator antenna with an airgap 21405
Wong, K.B., Shaw, M.J., Adderley, B.M., Corbin, E., Jaros, M. Si-SiGe and GaAs-AlAs quantum well structures for second harmonic generation 36008
Wong, K.B., Shaw, M.J., Jaros, M. Second harmonic generation via excitations between valence sub-bands in p-type GaAs-AlAs and Si-SiGe quantum well structures 12374
Wong, K.B. *see* Shaw, M.J. 44118
Wong, K.C., Kittler, J., Jones, G.A. Using intermediate geometric feature for recognising polyhedral objects 13727
Wong, K.C., Krishnamurthy, M., Brar, B., Jong Chang Yi, Kroemer, H., English, J.H. Growth and characterization of serpentine superlattices in the GaSb-AlSb system 669
Wong, K.C. *see* Yilmaz, A. 10240
Wong, K.H. *see* Chan, T.W. 6677
Wong, K.K. *see* Gooi, H.B. 7799
Wong, K.L., Cheng, Y.T., Row, J.S. Resonance in a superstrate-loaded cylindrical-rectangular microstrip structure 1474
Wong, K.P., David, A.K. A neural network approach to evaluate contractual parameters of incentive power contracts 16181
Wong, K.P., Fung, C.C. Simulated annealing based economic dispatch algorithm 7840
Wong, K.P. *see* David, A.K. 7808
Wong, K.P. *see* De Azevedo, H.R. 16802
Wong, K.Y., Gay, R. Design and implementation of a control system for GINTIC's EPCBAF 19223
Wong, K.Y., Jen, A.K.-Y. Thermally stable poled polyimides using heteroaromatic chromophores 44086
Wong, K.Y. *see* Pushkara Rao, V. 44072
Wong, L.S. *see* Wong, G.S. 24455
Wong, M. *see* Amidei, D. 46890
Wong, M. *see* Kaufmann, R. 31354
Wong, M. *see* Low, S. 30516
Wong, M. *see* Tkaczyk, S. 46989
Wong, M.F., Picon, O., Fouad Hanna, V. Spurious-free finite element analysis of multiaxial coplanar waveguide discontinuities 29245
Wong, M.G. *see* Wong, A.K. 41719
Wong, N.C., Lee, D. Optical parametric division 23378
Wong, N.C. *see* Brothers, L.R. 36019
Wong, N.C. *see* Lee, D. 3813
Wong, N.C. *see* Lee, D. 3867
Wong, P., Halsall, F. Cordless and portable computing in a wireless office environment 22563
Wong, P.-k. *see* Chan, C. 29906
Wong, P.C., To, P.T. An integrated services frame-based DQDB protocol for Gbit/s local and metropolitan area networks 5240
Wong, P.C. *see* Tong, F. 11899
Wong, P.K. *see* Eberhardt, W.H. 32673
Wong, P.P., Chow, Y.D., Khoo Hock Application of fuzzy logic in IC mark machine inspection system 9318
Wong, P.W., Gray, R.M. Comments on 'analog FIR filters with an oversampled Σ-Δ modulator' 34157
Wong, R. *see* Jain, V. 18652
Wong, R.S.K., Yung, E.K.N. Design and implementation of a small scale PABX system using DSP technology 30580
Wong, R.S.K. *see* Yung, E.K.N. 21425
Wong, S. *see* Hu, A. 9228
Wong, S. *see* Ver Ploeg, E. 19865
Wong, S.-C., Lee, Y.-S. SPICE modeling and simulation of hysteretic current-controlled Cuk converter 33884
Wong, S.-H. *see* Ong, J.T. 12156
Wong, S.A., McAlister, S.P., Zhan-Ming Li A comparison of some approximations for the Fermi-Dirac integral of order 1/2 19721
Wong, S.B. *see* Lee, T. 15217
Wong, S.H. *see* Benet, J.A. 1414
Wong, S.K., Mathieu, P., Pace, P. High-energy hybrid Raman optical parametric amplifier eye safe laser source 44062
Wong, S.K. *see* Newkerk, O. 22455
Wong, S.K.M. *see* Bollmann-Sdorra, P. 18037
Wong, S.P. *see* Chan, K.K. 11164
Wong, S.S. *see* Atwater, H.A. 33611
Wong, S.S. *see* Cho, J.S.H. 19639
Wong, S.S. *see* Nikzad, S. 673
Wong, T. A 5 volt 0.5 μm mixed BiCMOS/CMOS channelless gate array 18664
Wong, T. A 0.5 μm BiCMOS gate array for RISC applications 26831
Wong, T. Doing data in Canada: frame relay to the rescue 37630
Wong, T. Choosing capacitors 42262
Wong, T. *see* Kron, T. 47137
Wong, T.K.S. *see* Hsu, C.C. 721
Wong, T.K.S. *see* Hsu, C.C. 9561
Wong, T.T.Y. *see* Tanzi, N. 10474
Wong, T.Y.K. Current-injection ECL/CML for AlGaAs/GaAs HBTs 1201

Wong, V., Koshel, J., Beck, M., Walmsley, I. Measurement of the amplitude and phase of pulses from passively-modelocked lasers 20963
Wong, V.K. *see* Phelps, R.A. 38798
Wong, V.V., Woo-Young Choi, Carter, J.M., Fonstad, C.G., Smith, H.I. Ridge-waveguide sidewall-grating distributed feedback structures fabricated by X-ray lithography 28853
Wong, V.V. *see* Ferrera, J. 27909
Wong, W.-H. A positron camera detector design with cross-coupled scintillators and quadrant sharing photomultipliers 15719
Wong, W.C. *see* Chan, H. 21647
Wong, W.C. *see* Choung, Y.H. 44619
Wong, W.C. *see* Elliman, R.G. 41249
Wong, W.H. *see* Pan, X. 37038
Wong, W.S. *see* Chuah, M.C. 45809
Wong, W.S. *see* Kaufman, J.S. 26275
Wong, W.T.K. *see* Lewis, A.V. 22498
Wong, W.W., Liou, J.J. JFET circuit simulation using SPICE implemented with an improved model 26624
Wong, Y. Synthesis of high performance ASICs for HDTV 34092
Wong, Y.-F. Clustering data in the scale space 13757
Wong, Y.H. *see* Nykolak, G. 11650
Wong, Y.H. *see* Nykolak, G. 35447
Wong, Y.K. *see* Chan, S.C. 26991
Wong, Y.M. *see* Lee, C.H. 43878
Wong Kang Sang *see* Sang Wong Kang
Wong Kin Lu *see* Kin Lu Wong
Wong Kin-Lu *see* Kin-Lu Wong
Wong Kit Po *see* Kit Po Wong
Wong Kon Max *see* Kon Max Wong
Wong Kwo-Jyr *see* Kwo-Jyr Wong
Wong Man-Fai *see* Man-Fai Wong
Wong Ming Mao, Gay, R. Flexible PCB assembly robotic workcell 9237
Wong Wai-Choong *see* Wai-Choong Wong
Wong Wai-Fan *see* Wai-Fan Wong
Wong Yin Wa *see* Yin Wa Wong
Wong-Lam, H.E. *see* Bergmans, J.W.M. 11496
Wong-Ng, W. *see* Vaudin, M.D. 11374
Wongkittikriwon, S., Burns, S.G. An 8-bit 22-MHz recycling two-step ASIC ADC with integrating sample and hold 10243
Wonho Jhe *see* Sun-Hyun Youn 28854
Wonjong Kim *see* Hyunchul Shin 41571
Wonka, R. Data transmission made sure and easy 22704
Wonsowicz, J. Design considerations for television facilities in the CBC's Toronto Broadcast Centre 23291
Wonterghem, B.M.Van *see* Van Wonterghem, B.M.
Woo, C.-K. *see* Orans, R. 32281
Woo, D., Dermody, P., Lyon, R., Lowerre, B. Auditory model interfaces into a DTW recogniser 13065
Woo, J. *see* Ver Ploeg, E. 19865
Woo, J.C.S. *see* Hsiao, T.C. 42972
Woo, J.C.S. *see* Nayak, D.K. 19839
Woo, K. *see* Densmore, A. 36381
Woo, M.P. *see* Hayden, J.D. 11174
Woo, M.P. *see* Hayden, J.D. 34930
Woo, M.P. *see* White, T.R. 19664
Woo Deuk-Hwa *see* Deuk-Hwa Woo
Woo Jong-Chun *see* Jong-Chun Woo
Woo Kim Bo *see* Bo Woo Kim
Woo Lai Wan *see* Lai Wan Woo
Woo Lee Chan *see* Chan Woo Lee
Woo Lee Chang *see* Chang Woo Lee
Woo Lee Chul *see* Chul Woo Lee
Woo Lee Dae *see* Dae Woo Lee
Woo Lee Sang *see* Sang Woo Lee
Woo Lee Yun *see* Yun Woo Lee
Woo Miae *see* Miae Woo
Woo Moon Gun *see* Gun Woo Moon
Woo Peng-Yung *see* Peng-Yung Woo
Woo Yeol Kim *see* Byung Chul Ahn 9794
Woo-Hyeong Lee, Young-June Park, Jong Duk Lee A new recessed channel metal-oxide-semiconductor field-effect transistor with selectively halo-doped channel and deep graded source/drain 42916
Woo-Hyeong Lee, Young-June Park, Jong Duk Lee A new 0.25-μm recessed-channel MOSFET with selectively halo-doped channel and deep graded source/drain 42958
Woo-Sung Han, Joong-Hyun Lee, Jung-Chul Park, Choon-Geun Park, Ho-Young Kang, Young-Bum Koh, Moon-Yong Lee Deep UV positive tone dry development process using chemically amplified resist and its application to 256 mega bit DRAM 11074
Woo-Sung Han *see* Ho-Young Kang 2279
Woo-Young Choi *see* Wong, V.V. 28853
Wood, A.J. *see* Stagg, G.W. 47419
Wood, C. *see* Sheng-Hui Yang 43916
Wood, C.E.C., Tabatabaei, S.A. Reevaporation effects and optical properties of molecular-beam-epitaxial AlGaAs/GaAs/AlGaAs wells 1885
Wood, D., Doody, M. Improving the safety of small cars 31135
Wood, D., Tejerina, J. The EBU evaluation of the HDMAC system 30987
Wood, D. *see* Burdess, J.S. 46392
Wood, D. *see* Mckee, P. 12488
Wood, D.C.M., Coleman, S.S., Schwartz, M.F. Fremont: a system for discovering network characteristics and problems 22344
Wood, D.C.M. *see* Schwartz, M.F. 5423
Wood, D.H. *see* Smith, M.S. 8091
Wood, G.L., Sharp, E.J. Intensity dependent nonlinear material requirements for passive optical limiting 21014
Wood, H.C. *see* Broten, G.S. 15237
Wood, H.C. *see* Jainapurkar, A.D. 26582
Wood, H.C. *see* Rao, D.H. 29415
Wood, J. *see* Gutman, G. 28582
Wood, J. *see* London, A. 19156
Wood, J.F., Jr. *see* Black, Q.R. 7620
Wood, J.K. *see* Liu, W.D. 17101
Wood, K. *see* Woods, R.F. 10337
Wood, K.L. *see* Cavin, R. 34399
Wood, K.L. *see* Ratliff, R. 25956
Wood, K.S. *see* van Vechten, D. 24131
Wood, L.T. *see* Zagozdzon-Wosik, W. 2070
Wood, M., Gutierrez, P., Kalbfeisch, G., Kaplan, D., Karchin, P., Kuehler, J., Liapis, C., McClIment, E., Sinott, J., Skubic, P., Vaughan, T. Studies of a double-sided silicon microstrip system with analog VLSI readout 46891
Wood, M.D. Replicated RPC using Amoeba closed group communication 45583
Wood, M.H. *see* Filippi, R.G. 34800
Wood, O.R., II *see* Calvert, J.M. 2309
Wood, O.R., II *see* Calvert, J.M. 11036
Wood, O.R., II *see* Early, K. 27828
Wood, O.R., II *see* Early, K. 27980
Wood, O.R., II *see* MacDowell, A.A. 27832
Wood, O.R., II *see* Murphy, J.B. 27813
Wood, O.R., II *see* Taylor, G.N. 28037
Wood, O.R., II *see* Tichenor, D.A. 27831
Wood, O.R., III *see* Tennant, D.M. 27823
Wood, P. *see* Zappi, P. 41656
Wood, P.C., Wgdeven, T., Tsuji, O. Critical process variables for UV-ozone etching of photoresist 34863
Wood, R.A. Uncooled thermal imaging with monolithic silicon focal planes 31277
Wood, R.A. *see* Hong, L. 29847
Wood, R.J., Pryk, Z. A software/hardware distributed processing network supporting the Ada environment 6372
Wood, R.L. An appraisal of current process modelling technology and a structured view of its potential future progress. 2. A structured view 26181
Wood, S.A., Tozer, T.C. Coding for the arbitrarily varying channel with state knowledge at the encoder 4419
Wood, S.C., Saraswat, K.C. Configuration and management strategies for cluster-based fabs 9223
Wood, S.L., Jamali, H. Segmentation of grey scale sampled images with bimodal source models 22292
Wood, S.L. *see* Jamali, H. 21883
Wood, T.H., Shankaranarayanan, N.K. Operation of a passive optical network with subcarrier multiplexing in the presence of optical beat interference 45921
Wood, T.H. *see* Froberg, N.M. 43519
Wood, V.E. *see* Boiarski, A.A. 6612
Wood, W.B. *see* Brindhaban, S.A. 38797
Wood, W.W. *see* Reith, L.A. 2957
Woodall, D.R. *see* Lamb, J.D. 18027
Woodall, J.M. *see* Carin, L. 4303
Woodall, J.M. *see* Chang, C.L. 34676
Woodall, J.M. *see* Chin, T.P. 9539
Woodall, J.M. *see* Dodd, P.E. 19796
Woodall, J.M. *see* Harmon, E.S. 1855
Woodall, J.M. *see* Melloch, M.R. 19516
Woodall, J.M. *see* Seabury, C.W. 27207
Woodall, W.H. *see* Bullington, R.G. 421
Woodard, D. *see* Litvin, K. 1634
Woodard, F.E. *see* Larsen, T.L. 20288
Woodard, N.G., Hufstedler, E.G., Lafyatis, G.P. Photon counting using a large area avalanche photodiode cooled to 100 K 38502
Woodbridge, K. *see* Bigenwald, P. 42422
Woodbridge, K. *see* Guy, P. 11664
Woodburn, R., Murray, A.F., Reeke, H.M. On-chip learning in VLSI neural networks using hybrid analogue/digital techniques 10387
Woodburn, R.F. *see* Grynkewich, G.W. 19660
Woodcock, C., Lurshay, A. Trends in battery alloy demand from a European perspective 40411
Woodfin, G.L. *see* Byrd, D.A. 27839
Woodford, D.A. *see* Roy, A.K. 47486
Woodford, D.A. *see* Szechtman, M. 47457
Woodford, P. *see* Casasent, D. 11750
Woodford, P. *see* Casasent, D. 43576
Woodford, T. Clear highway for digital television 14762
Woodham, R.G. *see* Herbert, P.A.F. 28034
Woodham, R.J. *see* Iwahori, Y. 13694
Woodham, R.J. *see* Iwahori, Y. 13769
Woodhead, J. *see* Moloney, M.H. 10723
Woodley, M. *see* Decker, F.J. 15369
Woodley, M. *see* Krejcik, P. 15394
Woodley, N.H. *see* Shipp, D.D. 7830
Woodman, R.F. *see* Balsley, B.B. 29178
Woodruff, C.J., Newsam, G.N. Displaying undersampled imagery 45207
Woodruff, J. *see* Dilworth, I.J. 38156
Woodruff, R.L., Rudeck, P.J. Three-dimensional numerical simulation of single event upset of an SRAM cell 34066
Woods, A., Docherty, T., Koch, R. Image distortions in stereoscopic video systems 23816
Woods, B. The socio-economic impact: digital utility systems for public use 37195
Woods, B.J., Hunter, R. Facsimile—a technology in transition 22489
Woods, B.J., Hunter, R., Dixon, I. Development and future trends of the personal facsimile market in Japan 22499
Woods, B.W. *see* Lawson, J.K. 35948
Woods, C.L. *see* Gianino, P.D. 21916
Woods, C.L. *see* Gianino, P.D. 21917
Woods, C.L. *see* Khoury, J. 13607
Woods, C.L. *see* Khoury, J. 13608
Woods, C.S. *see* Smith, J.R. 24720
Woods, D. *see* Koblents, B. 37937
Woods, G.L. *see* Gordon, L. 12349
Woods, G.P. A defect density engineering strategy designed around high-throughput defect inspection systems 2003
Woods, G.S., Maskell, D.L., Mahoney, M.V. A high accuracy microwave ranging system for industrial applications 15180
Woods, J.V. *see* Furber, S.B. 34118
Woods, J.W. *see* Krishnamurthy, R. 29946
Woods, J.W. *see* Murching, A.M. 30096
Woods, J.W. *see* Yoon Yung Lee 45265
Woods, L.A., Livay, A. Connect an FDDI peripheral to the Sbus 22525
Woods, L.M. *see* Chen, C.W. 20566
Woods, L.M. *see* Kim, J.W. 20370
Woods, M. *see* Saez, P. 23989
Woods, M. *see* Schultz, D. 38807
Woods, M. *see* Schultz, D.C. 7140
Woods, M.J. *see* Hedley, R.P.L. 47138
Woods, P.T. *see* Milton, M.J.T. 36025
Woods, R.F., Floyd, G., Wood, K., McCanny, J.V., Evans, R.A. A programmable high performance IIR filter chip 10337
Woods, R.F., McQuillan, S.E., Dowling, J., McCanny, J.V. High performance DSP ASIC for multiply, divide and square root 18786
Woods, R.P., Mazziotta, J.C., Cherry, S.R. MRI-PET registration with automated algorithm 24241
Woods, S. *see* Livesay, W.R. 11002
Woods, T., Roberts, B. MPEG digital compression systems 45044
Woodtli, A. *see* Morel, J. 3480
Woodtli, A. *see* Morel, J. 3500
Woodward, M.E. Product form distributions from decompositions of Markov chains 30198
Woodward, M.E., Rodrigo, K.R.S. Equilibrium point approximations for multiple access protocols with different customer classes 13914
Woodward, P. Network evolution 14818
Woodward, S.J. Catching shaft torque data on the fly 17494
Woodward, T.K. *see* Chirovsky, L.M.F. 20491
Woody, C.L., Kierstead, J.A., Levy, P.W., Stoll, S., Weingarten, A.B., Anderson, D.F., Ramberg, E.J., Kuno, Y., Macdonald, J.A., Konaka, A., Hutcheon, D.A. A study on the use of lead fluoride for electromagnetic calorimetry 7253
Woody, C.L. *see* Anderson, D.F. 46870
Woody, J.A. *see* Herkert, R.M. 44550
Woodyatt, B.A. *see* Eustace, R.W. 47778
Wooi Boon Goh, Martin, G.R. A multiresolution region-growing technique for image motion estimation 13725
Wook Ann Hee *see* Hee Wook Ann
Wook Choi Jin *see* Jin Wook Choi
Wook Han Sung *see* Sung Wook Han
Wook Jeon Hyung *see* Hyung Wook Jeon
Wook Jung Keun *see* Keun Wook Jung
Wook Kim Don *see* Don Wook Kim
Wook Kim Dong *see* Dong Wook Kim
Wook Park Joo *see* Joo Wook Park
Wook Park Young *see* Young Wook Park
Wool, A. *see* Peleg, D. 542
Woolard, D.L., Tian, H., Littlejohn, M.A., Kim, K.W., Trew, R.J., Leong, M.K., Tang, T.W. Construction of higher-moment terms in the hydrodynamic electron-transport model 19712
Wooldridge, J.J. *see* Newberg, I.L. 6127
Wooldridge, J.R. Impact of the MIL-Spec environment on the cost and reliability of equipment produced 34431
Wooley, B.A. *see* Su, D.K. 34126
Wooley, B.A. *see* Su, D.K. 42005
Woolf, D.A. *see* Clark, S.A. 34602
Woolf, D.A. *see* Pilkington, S.J. 19738
Woolf, S. *see* Frederickson, A.R. 35151
Woolfenden, J.M. *see* Barber, H.B. 15748
Woolfenden, J.M. *see* Rogulski, M.M. 15745
Woolfson, M.S. *see* Ferrah, A. 8843
Woolfson, M.S. *see* Phoenix, R.G. 24274
Woollam, J.A. *see* Iacoponi, J. 752
Woollam, J.A. *see* Nafis, S. 10896
Woollam, J.A. *see* Nagis, S. 10961
Woollam, J.A. *see* Synowicki, R.A. 18373
Woollard, J.E. *see* Blue, T.E. 31867
Woollard, K., Crowther, M., Cookson, M. Specification quality [formal SDL and signalling] 22432
Woollons, D.J. *see* Atkinson, R.M. 46292
Woolridge, J.J. *see* Newberg, I.L. 23178

Woolsey, C.A. *see* Jacobs, L.J. 24541
Woolsey, K.G. Fast optimization method applied to inductive position transducers using the finite element method 46416
Woolston, F. *see* Slemmons, W. 9267
Woolven, J. *see* Xuejia Lai 12959
Woolven, S., Ristic, V.M., Chevrette, P. Hybrid implementation of a real-time Radon-space image-processing system 21919
Woon Hyuk Chung Congo red/polyvinyl alcohol film dosimeter for gamma rays and electrons 39118
Woong Kim Young *see* Young Woong Kim
Woong Lee Choong *see* Choong Woong Lee
Woong Ra Jung *see* Jung Woong Ra
Wooters, C., Morgan, N. Connectionist acoustic word models 4492
Wootten, M.J. *see* Esposito, J.N. 16602
Worboys, M. *see* Gourlay, J. 3210
Worcester, P.F. *see* Cornuelle, B.D. 7624
Word, G. *see* Abe, K. 7260
Word, G. *see* Abe, K. 15619
Word, G. *see* Abe, K. 46930
Wordeman, M. *see* Brunner, T. 2276
Worden, H.M. *see* Alexander, J.P. 24110
Worden, K., Ball, A.D., Tomlinson, G.R. Fault location in a framework structure using neural networks 457
Wordenweber, R. *see* Schneider, J. 2887
Workman, A., Cowen, A.R. Signal, noise and SNR transfer properties of computed radiography 31872
Worle, D. *see* Mueller, H.H. 42944
Worle, H. Effects of distributed small generating units in MV-and LV-networks 25092
Worle, H. Conversion of existing networks with regard to voltage levels and network configuration 32409
Wormald, N.C. *see* Cameron, P.J. 26310
Wormann, T. *see* Becker, E. 33513
Wormington, P. *see* Halbleib, L. 48049
Wornell, G.W. Wavelet-based representations for the $1/f$ family of fractal processes 21730
Worner, K. *see* Rein, H.-M. 11182
Worner, K.-H. *see* Fabian, H. 3029
Worobey, W. *see* Napolitano, L.M., Jr. 328
Worobey, W. *see* Napolitano, L.M., Jr. 9937
Worotynski, J., Turowski, M., Mendrela, E.A. The accuracy of calculation of magnetic fields, inductance and forces in electromagnetic devices using the reluctance network method (RNM) 47904
Worring, M., Smeulders, A.W.M., Staib, L.H., Duncan, J.S. Parameterized feasible boundaries in gradient vector fields 37031
Worstell, B. *see* Carey, R. 31749
Worstell, G. *see* Lyle, S. 27051
Worstell, W. *see* Young, K.G. 7242
Wort, C.J.H. *see* Sussmann, R.S. 42395
Wortche, R. *see* Busch, H.P. 15799
Worth, A.J., Kennedy, D.N. Segmentation of magnetic resonance brain images using analog constraint satisfaction neural networks 39022
Worth, J.P. *see* Civanlar, M.R. 37607
Worthington, A. *see* Lalonde, R.J. 15893
Wortman, J.I. *see* Hattangady, S. 27690
Wortman, J.J. *see* Grider, D.T. 2039
Wortman, J.J. *see* Grider, D.T. 9776
Wortman, J.J. *see* Hames, G.A. 34720
Wortman, J.J. *see* Hattangady, S. 2174
Wortman, J.J. *see* Johnson, F.S. 19582
Wortman, J.J. *see* Johnson, F.S. 19792
Wortman, J.J. *see* McLarty, P.K. 834
Wortman, J.J. *see* McLarty, P.K. 26499
Wortman, J.J. *see* Xu, X. 835
Wortman, J.J. *see* Xu, X.-L. 9704
Wortman, J.J. *see* Xu, X.-L. 9724
Wortman, J.J. *see* Gelpey, J.C. *(editor)* 43
Wortman, M.A. *see* Das, T.K. 17962
Woschnagg, E., Edl, E. Applications of a digital speed analyser in testing of rotating electrical machines 32836
Woschni, H.G. The influence of errors in pulse position definitions 46616
Wosinska, L. Reliability study of fault-tolerant multiwavelength nonblocking optical cross connect based on InGaAsP/InP laser-amplifier gate-switch arrays 35788
Wosinski, T. *see* Figielski, T. 10693
Woskov, P.P., Cohn, D.R., Han, S.C., Gatesman, A., Giles, R.H., Waldman, J. Precision terahertz relative reflectometry using a blackbody source and heterodyne receiver 38661
Woster, E. *see* Gill, M. 33414
Wothke, K. Morphologically based automatic phonetic transcription 4520
Woude, A.Van Der *see* Van Der Woude, A.
Woude, C.R.van der *see* van der Woude, C.R.
Woudsma, R. *see* De Loore, B.J.S. 23358
Wouk, V. 25 years of symposia on electric and hybrid vehicles: from optimism to realism 48297
Woun-Suck Yang *see* Jianxing Li 2008
Wouters, B. *see* Baenziger, M.A. 47559
Wouters, D. *see* Dierickx, B. 24001
Wouters, J. *see* De Moor, P. 24029
Wouters, J. *see* Stahle, C.K. 24036
Wouters, P. *see* Puers, B. 7337
Wouters, P. *see* Vergote, S. 7336
Wouters, P.A.A.F. *see* van Heesch, E.J.M. 39612
Wouters, P.A.A.F. *see* Wetzer, J.M. 1801
Wouwer, A.Vande *see* Vande Wouwer, A.
Wowk, B., Radcliffe, T., Leszczynski, K.W., Shalev, S., Rajapakshe, R. Optimization of metal/phosphor screens for on-line portal imaging 39087
Wowk, B., Shalev, S., Radcliffe, T. Grooved phosphor screens for on-line portal imaging 31973
Woycenko, D.M., Smart, J.P. Combustion of gaseous fuels in gas turbines 32738
Woychik, C.G. *see* Guo, Y. 33391
Wozniak, A. The electronic interlocking in Eilsleben 8941
Wozniak, J. *see* Bertin, A. 31795
Wozniak, J. *see* Konorski, J. 45343
Wozniakowski, K. *see* Niewczas, M. 2636
Woznicki, T. SMT on flex circuits 34331
Wraback, M. *see* Lu, Y. 27529
Wraback, M. *see* Pamulapati, J. 20402
Wray, T. *see* Greenwood, J. 6394
Wreathall, J., Reason, J. Human errors and disasters 39786
Wreathall, J. *see* Connelly, E. 39791
Wright, A.C. *see* Foster, D.F. 33607
Wright, A.C. *see* Peaker, A.R. 9665
Wright, A.C. *see* Singer, K.E. 26439
Wright, A.P., Briggs, A.T.R., Smith, A.D., Baulcomb, R.S., Warbrick, K.J. 22 GHz-bandwidth 1.5 μm compressively strained InGaAsP MQW ridge-waveguide DFB lasers 3666
Wright, B. Trying to keep the customer satisfied 40979
Wright, C.R., Vaz, R.F., Cyganski, D. Establishing identity and pose of objects from a library using reciprocal basis set and direction of arrival techniques 4918
Wright, C.R. *see* Cyganski, D. 5050
Wright, C.R. *see* Khurana, I.S. 5060
Wright, D. Broadband: business services, technologies, and strategic impact 26039
Wright, D. Mobile satellite communications in developing countries: the role of Inmarsat 37860
Wright, D. *see* Schultz, D.C. 7140
Wright, D.B., Cangellaris, A.C. Performance evaluation of MEI-based mesh truncation conditions for finite element modeling of electromagnetic scattering by penetrable bodies 44305
Wright, D.L. Diffracted beam measurements compared with propagation programs 3736
Wright, D.L., Guggenheimer, S. Status of ISO/TC 172/SC9/WG1 on standardization of the measurement of beam widths, beam divergence, and propagation factor 3735
Wright, E.M. *see* Knorr, A. 3584
Wright, G.A. *see* Mawston, I.G. 40414
Wright, G.T.H. *see* Anderson, J.McC. 39130
Wright, J. DSPs point the way forward for data acquisition 18803
Wright, J. Basic motor control maintenance procedures. I 40090
Wright, J., McAllister, D.F. Interactive design of rational bezier tensor product surfaces in stereo 22242
Wright, J.D., Roisin, P., Rigby, G.P., Erkizia, E., Nolte, R.J.M., Thorpe, S.C. Effects of metal salts on structural, electrical and gas-sensing properties of crown-ether-substituted phthalocyanines and related compounds 6626
Wright, J.D. *see* Krist, K. 17283
Wright, J.L. *see* Zarean, M. 45823
Wright, J.V. *see* West, R.H. 3540
Wright, J.W., Argo, P.E. Chaotic echoes on ionograms: underdense scattering or total reflections? 47263
Wright, J.W. *see* Kudeki, E. 47258
Wright, K.E. *see* Kamperschroer, J.H. 7128
Wright, M.E. *see* Forti, F. 42971
Wright, M.T. *see* Colak, I. 8411
Wright, M.T. *see* Colak, I. 16856
Wright, P., Davis, L.E. The complex permittivity of aluminum nitride substrates 6733
Wright, P. *see* Dunn, C. 34079
Wright, P.D. *see* Lu, Z.H. 2452
Wright, P.D. *see* Yang, L.W. 11167
Wright, P.E. *see* Baccelli, F. 37095
Wright, P.E. *see* Coffman, E.G., Jr. 37093
Wright, P.J., Shih, Y.-C.A. Capacitance of top leads metal - comparison between formula, simulation, and experiment 27772
Wright, P.J. *see* Dixit, G.A. 19656
Wright, P.V. A review of SAW resonator filter technology 2756
Wright, P.V. A uniformly-sampled single-phase unidirectional transducer with sub-Nyquist spatial sampling 7663
Wright, P.V. *see* Thompson, D.F. 2767
Wright, R. *see* Viveash, J.P. 47195
Wright, R.G. Knowledge and information interface standard for test and diagnosis applications of knowledge-based systems 23452
Wright, S. *see* Letheren, M. 46330
Wright, S.A., McDonald, J.D. Corrosion-resistant pulsed solenoid valve 29114
Wright, S.L., Rothwell, M.B., Souk, J.H., Kuo, J. a-Si thin film transistors using dilute-gas plasma-enhanced chemical vapor deposition 19871
Wright, S.M. *see* Famili, N. 31891
Wright, W. *see* Macfarlane, J.C. 38492
Wright, W.A. *see* Patel, A.K. 13825
Wright, W.T. Mil-Spec 'gap' with off-the-shelf SMDs 17922
Wrighton, M.S. *see* McCoy, C.H. 18504
Wrighton, P. *see* Taylor, G.E. 10352
Wrighton, P.J., Taylor, G.E., Toumazou, C. The structural testing of switched current designs 26673
Wrighton, P.L. *see* Eckersall, K.R. 10354
Wrigley, D. *see* Bub, R. 40913
Wrixon, G.T. *see* Mathewson, A. 23586
Wrobel, B. *see* Manavi, G.B. 16667
Wroble, J.R. *see* Sopocy, D.M. 39559
Wroblewski, A., Caron, J.-P., Hautier, J.-P. Modelization and control of a single-phase asynchronous motor 32864
Wroblewski, W.S. *see* Dutkiewicz, P. 17138
Wrochna, G. *see* Bencze, G.L. 38858
Wrochna, G. *see* Gasparini, F. 7223
Wronski, C.R., Dawson, R.M., Gunes, M., Li, Y.M., Collins, R.W. Photocarrier transport and recombination in amorphous silicon 27490
Wronski, C.R. *see* Collins, R.W. 2166
Wronski, C.R. *see* Fortmann, C.M. 42433
Wronski, C.R. *see* Lu, Y. 9698
Wronski, L.D., Albicki, A. 4B5B decoder for FDDI 23065
Wronski, L.D. *see* Hossain, R. 37721
Wrulich, A. *see* Bocchetta, C.J. 7031
Wrzalik, R. *see* Kocot, A. 28526
Wszolek, T. *see* Engel, Z. 24975
Wu, A., Meador, J. Measurement selection for parametric IC fault diagnosis 40983
Wu, A.C.-H., Hadley, T.S., Gajski, D.D. An efficient multi-view design model for real-time interactive synthesis 26603
Wu, A.C.-H. *see* Ramachandran, C. 26870
Wu, A.C.-H. *see* Tsing-Fa Lee 41589
Wu, B., Chu, P.L. Narrow-bandpass filter with gain by use of twin-core rare-earth-doped fiber 20504
Wu, B., Chu, P.L. A twin-core erbium-doped fibre amplifier 35733
Wu, B., Slemon, G.R., Dewan, S.B. Stability analysis of GTO-CSI induction machine drive using constant rotor frequency control 8817
Wu, B. *see* Arkwright, J. 35400
Wu, B. *see* Arkwright, J. 35965
Wu, B. *see* Guotong Du 12247
Wu, B. *see* Steier, W.H. 43481
Wu, B. *see* Xu, C. 44070
Wu, B.J., Cheng, H., Guha, S., Haase, M.A., De Puydt, J.M., Meis-Haugen, G., Qiu, J. Molecular beam epitaxial growth of CdZnS using elemental sources 9546
Wu, B.J. *see* Guha, S. 10692
Wu, B.J. *see* Haase, M.A. 3590
Wu, B.J. *see* Haase, M.A. 28812
Wu, B.S., Chuang, C.T., Lu, P.F. Non-quasi-static effects in saturated bipolar circuits 19983
Wu, B.X. *see* Wu, L.B. 30629
Wu, C. A computer code for the power analysis of a finite-time gas power plant 8197
Wu, C. Simulation analysis and optimization of a finite-time gas power plant 8204
Wu, C., Papaionnou, J., Huang, H.-Y., Kienzle, T., Stulberg, D. A CAD-based human interface for preoperative planning of total knee surgery 24368
Wu, C., Wernick, M.N., Chen, C.-T. A 3-D filtered-backprojection reconstruction algorithm for combined parallel- and cone-beam SPECT data 39027
Wu, C. *see* Beeson, K.W. 43541
Wu, C. *see* Chen, J. 4028
Wu, C. *see* Ping-Ya Zhao 33573
Wu, C. *see* Simpson, P.J. 10835
Wu, C. *see* Wu, K.-L. 10481
Wu, C.-h. *see* Kienzle, T.C., III 24367
Wu, C.-W. *see* Lu, S.-K. 26981
Wu, C.-Y. *see* Chin, S.-P. 19720
Wu, C.-Y. *see* Huang, H.-Y. 18598
Wu, C.C., Tai, K., Huang, K.F. Reliability studies of 0.85 μm vertical cavity surface emitting lasers: 50000 h MTTF at 25°C 12141
Wu, C.C., Tai, K., Huang, T.C., Huang, K.F. Reliability studies of gain-guided 0.85 μm GaAs/AlGaAs quantum well surface emitting lasers 35891
Wu, C.C. *see* Feng, M.S. 715
Wu, C.C. *see* Huang, K.F. 28818
Wu, C.C. *see* Tai, K. 12216
Wu, C.C. *see* Wu, C.H. 26420
Wu, C.E., Keller, T., Evans, K. Be^+ and BeF^+ implants in GaAs using ions produced from solid-gas reaction 2058
Wu, C.H., Eeng, M.S., Wu, C.C. Effect of doping on the growth of InGaP by low pressure metalorganic chemical vapor deposition 26420
Wu, C.H. *see* Feng, M.S. 19919
Wu, C.H. *see* Feng, M.S. 26419
Wu, C.H. *see* Huang, J.S. 11220
Wu, C.H. *see* Tang, Y.J. 11464
Wu, C.J. *see* Kwan, K.S. 7809
Wu, C.K., Swift, A.H.P., Craver, W.L., Jr., Chang, Y.C. Design and implementation of a fuzzy logic yaw controller 8252
Wu, C.K. *see* Chang, Y.-C. 1266

Wu, C.L., Hsu, W.C., Shieh, H.M. Secondary-ion mass spectrometry analysis in pseudomorphic GaAs/InGaAs/GaAs heterostructures utilizing a δ-doping superlattice 19404
Wu, C.L. *see* Shieh, H.M. 42993
Wu, C.M. *see* Knight, D.G. 18152
Wu, C.M. *see* Wang, W.J. 3095
Wu, C.S., Lan, G.L., Pao, C.K., Bar, S.X., Hu, M. Pseudomorphic HEMT devices for microwave and millimeter wave applications 19088
Wu, C.S. *see* Pearton, S.J. 43023
Wu, C.W., Rul'kov, N.F. Studying chaos via 1-D maps—a tutorial 26641
Wu, C.W. *see* Chua, L.O. 26643
Wu, C.W. *see* Chua, L.O. 26644
Wu, C.Y., Pollock, C. Time domain analysis of vibration and acoustic noise in the switched reluctance drive 8814
Wu, C.Y. *see* Chang, M.C. 19855
Wu, D., Eriksson, R. The V-I characteristics of DC corona in wire-plane gaps 2708
Wu, D. *see* Li, A. 6035
Wu, D.I. An efficient scheme for simulating large, passive microstrip layouts 10503
Wu, D.Q., Brady, J.M. A fast algorithm for morphological transformations 13681
Wu, F. *see* Cassereau, D. 13196
Wu, F. *see* Chakroun, N. 9843
Wu, F. *see* Chin-Woo Tan 39472
Wu, F. *see* Coico, P. 9283
Wu, F.F. *see* Hsiao-Dong Chiang 32288
Wu, F.F. *see* Murphy, L. 24713
Wu, G., Mukumoto, K., Fukuda, A. An integrated voice and data transmission system with idle signal multiple access—static analysis 13872
Wu, H. Synthesis of O(lg n) testable trees 19959
Wu, H., Chang, H. Mode partition in semiconductor lasers with optical feedback 3673
Wu, H., Zhuang, N., Perkowski, M.A. Synthesis for Reed-Muller directed acyclic graph network 10075
Wu, H. *see* Vutetakis, D.G. 17233
Wu, H.-H.P., Schowengerdt, R.A. Improved estimation of fraction images using partial image restoration 24523
Wu, H.-S., Barba, J. Coding of quadtree structures using run-length code 13479
Wu, H.R., Karim, S., Jian, Q.X. Fourier analysis of MC/DPCM/DCT coded full-motion pictures 30963
Wu, I.-F. *see* Yeh, P.S. 11883
Wu, I.-W. *see* Hack, M. 19870
Wu, J., Ho, P., Cuperman, V. Performance of joint trellis-coded quantisation/modulation with a Bayes receiver 36549
Wu, J., Kondo, T., Ito, R. Design of waveguide grating based on simulated annealing and narrow-band modulation 11644
Wu, J., Kondo, T., Ito, R. Computer-aided design of waveguide gratings having asymmetric reflectivity spectra 20362
Wu, J., Lin, S. Multilevel trellis MPSK modulation codes for the Rayleigh fading channel 12914
Wu, J., Young, T., Kawamoto, E., Keutgens, W. Accurate VHDL libraries for ASIC design 18572
Wu, J. *see* El-Serafi, A.M. 25398
Wu, J. *see* LaFlame, D. 12766
Wu, J. *see* Li, Q. 7632
Wu, J. *see* Parsons, J.D. 728
Wu, J. *see* Sletten, M.A. 23174
Wu, J. *see* Wang, M.-Z. 31689
Wu, J. *see* Yang, X. 18160
Wu, J.-L. *see* Huang, H.-C. 6208
Wu, J.-L. *see* Shiu, J. 12837
Wu, J.-L.C., Tien-Yu Huang Delay analysis of a dual-bus LAN with reservation 37140
Wu, J.-L.C. *see* Tien-Yu Huang 45602
Wu, J.-T. *see* Kim, E.-K. 21669
Wu, J.C., Wybourne, M.N., Weisshaar, A., Goodnick, S.M. Waveguide effects in quantum wires with double-bend discontinuities 1877
Wu, J.C. *see* Wybourne, M.N. 27899
Wu, J.G. *see* Parsons, J.D. 41310
Wu, J.H. *see* Huang, S.T. 23881
Wu, J.H. *see* Kuang-Chao Fan 23897
Wu, J.L. *see* Zhang, X.K. 38575
Wu, J.S. *see* Apostolakis, G. 39772
Wu, J.Y. Voice communication through Ethernet: study of voice packetization strategies 5497
Wu, K., Bradley, R.M. Efficient Green's-function approach to finding the currents in a random resistor network 41609
Wu, K., Maurin, D., Bosisio, R.G. An explicit design technique for wideband couplers and high quality filters using periodic topology 1458
Wu, K. *see* Brand, A. 34078
Wu, K. *see* Chin, D. 35085
Wu, K. *see* Yu, M. 18965
Wu, K.-C. *see* Ravaioli, U. 11109
Wu, K.-L., Wu, C., Litva, J. Time domain modelling of electromagnetic packaging and transition effects for microwave and high speed digital circuits 10481
Wu, K.-L. *see* Chen, J. 4028
Wu, K.T., Jaw-Huei Hou Average error probability for quadriphase modulated DS-SSMA communications through Nakagami fading channel 30610
Wu, L., Fallside, F. Pattern classification with a codebook-excited neural network 4884
Wu, L., Zielinski, A. An iterative method for array pattern synthesis 4669
Wu, L., Zielinski, A. A novel array of elliptic ring radiators 6155
Wu, L. *see* Luo, B. 43886
Wu, L.-C. *see* Huang, J.-H. 14136
Wu, L.B., Wu, B.X. Self-operating adaptive MLSE for digital mobile radio 30629
Wu, L.W. *see* Zhao, M.Z. 16643
Wu, M. *see* Cheng, Z. 3989
Wu, M.-C., Huang, D.-R., Wu, W.-S. Magnetic circuit analysis of magnetizing fixture for a ring magnet in two-axis optical gyroscope 43561
Wu, M.-C. *see* Chen, C.-W. 11864
Wu, M.-C. *see* Ho, W.-J. 28614
Wu, M.-C. *see* Lin, J.-F. 43951
Wu, M.-S. *see* Ito, K. 46185
Wu, M.-S. *see* Shih, W.-C. 20120
Wu, M.C. *see* Choa, F.S. 3134
Wu, M.C. *see* Lin, L.Y. 43488
Wu, M.F., De Wachter, J., Hendrickx, P., Pattyn, H., Van Bavel, A.M., Langouche, G., Vanhellemont, J., Bender, H., Maenhoudt, M., Bruynseraede, Y. Formation of well-separated buried and surface nickel-silicide layers in a single ion implantation step 10882
Wu, M.F., De Wachter, J., Van Bavel, A.-M., Pattyn, H., Langouche, G., Vanhellemont, J., Bender, H., Temst, K., Wuyts, B., Bruynseraede, Y. Growth and properties of ion beam synthesized $Si/Co_xNi_{1-x}Si_2/Si(111)$ structures 27642
Wu, M.F. *see* Langouche, G. 42633
Wu, M.K. Some recent developments in high-temperature superconducting oxides: a work review 11515
Wu, M.K. *see* Kao, C.H. 878
Wu, N.-J., Hashizume, T., Hasegawa, H. Formation of oxide-free nearly ideal Pt/GaAs Schottky barriers by novel in situ photopulse—assisted electrochemical process 42557
Wu, N.J., Ignatiev, A., Mesarwi, A., Shih, H.D. $Pb(Zr,Ti)O_3$ thin film growth on yttrium-treated Si(100) 33747
Wu, O.K. *see* de Lyon, T.J. 654
Wu, P., Yu, F., Wo, Y. Encoding method for the implementation of the vector complementary extended Hopfield neural network model 43595
Wu, P.H. Some aspects of the high frequency applications of high T_c superconductors 34242
Wu, P.H. *see* Wang, H.B. 34245
Wu, Q., Ramirez-Chavez, S.R. BLACK/CLAD: a layout synthesis tool for combinational blocks from behavioral HDL descriptions 10133
Wu, Q., Ramirez-Chavez, S.R. Layout synthesis of combinational blocks from behavioral hardware descriptions 18650
Wu, Q., Sloane, T.H. CMOS leaf-cell design using simulated annealing 18601
Wu, Q., Zhou, J.Y., Huang, X.G., Li, Z.X., Li, Q.X. Mode locking with linear and nonlinear phase shifts 20673
Wu, Q.H., Pugh, A.C. Reinforcement learning control of unknown dynamic systems 8270
Wu, R.-B. *see* Lin, M.-S. 12629
Wu, R.-H. *see* Ninomiya, T. 8640
Wu, R.F. *see* Shen, H.Y. 12055
Wu, R.L.C., Miyoshi, K., Miyake, S., Jackson, H.E., Choo, A.G., Korenyi-Both, A.L., Garscadden, A., Barnes, P.N. Tribological and physical properties of ion-implanted diamond films 41409
Wu, S., Frankena, H.J. Integrated optical sensors using micromechanical bridges and cantilevers 6460
Wu, S.-C. *see* Horng, T.-S. 12691
Wu, S.-L., Lee, C.-L., Lei, T.F., Chang, H.-C. Characteristics of polysilicon contacted shallow junction diode formed with a stacked-amorphous-silicon film 11129
Wu, S.-T., Chain-Shu Hsu, Yee-Nan Chen, Show-Ru Wang, Shu-Hua Lung Fluoro diphenyldiacetylene and tolane liquid crystals for display application 3218
Wu, S.D., Leon, V.J. A decision structure using generalized AND/OR trees containing CHANCE nodes 26283
Wu, S.F. *see* Chen, Y.C. 35281
Wu, S.L., Carns, T.K., Wang, S.J., Wang, K.L. Boron delta-doped Si metal semiconductor field-effect transistor grown by molecular-beam epitaxy 2586
Wu, S.M., Hu, S.J. Defect preventive quality control in manufacturing 33427
Wu, S.M. *see* Ybarra, G.A. 6102
Wu, S.T. *see* Kamiya, N. 41196
Wu, T. *see* Chen, M.-J. 35087
Wu, T.-F., Siri, K., Lee, C.Q. Current-mode control for load sharing converter systems with dynamic current distribution 25551
Wu, T.-H. Cost-effective network evolution 5294
Wu, T.-K. Low cost L-band mobile terminal antennas for helicopters 21419
Wu, T.H.Tom *see* Tom Wu, T.H.
Wu, T.K., Farazian, K., Golshan, N., Divsalar, D., Hinedi, S. L-band mobile terminal antennas for helicopters 36382
Wu, T.K. *see* Densmore, A. 36381
Wu, T.Y., Guo, Y., Chen, W.T. Thermal-mechanical strain characterization for printed wiring boards 34325
Wu, T.Y. *see* Suryanarayana, D. 40935
Wu, W., Campbell, S., Zhou, S., Yeh, P. Polarization-encoded optical logic operations in photorefractive media 3266
Wu, W., Yang, Q., Li, T. New design method for the distributed amplifier 1518
Wu, W. *see* Zhou, S. 11781
Wu, W.-C., Chen, R.-M., Chang, S. An analog architecture on parameter estimation of ARMA models 10360
Wu, W.-C.S., Helms, W.J., Kuhn, J.A., Byrkett, B.E. Digital-compatible high-performance operational amplifier with rail-to-rail input and output ranges 41694
Wu, W.-C.S. *see* Beomsup Kim 34185
Wu, W.-S. *see* Wu, M.-C. 43561
Wu, X. Globally optimal bit allocation 4382
Wu, X., Arai, I., Kusama, K., Suzuki, T. Resolution enhancement of pulse radar by inversion method 23147
Wu, X., Conn, D., Song, J., Nickerson, K. Calibration of external electron-optic sampling using field simulation and system transfer function analysis 6275
Wu, X., Fang, Y. Segmentation-based progressive image coding 4847
Wu, X. *see* Barnes, G.T. 15808
Wu, X. *see* Bates, S. 24057
Wu, X. *see* Borer, K. 7221
Wu, X. *see* Gulden, K.H. 33639
Wu, X. *see* Kiesel, P. 35492
Wu, X. *see* Shen, F. 14218
Wu, X. *see* Tsuo, Y.S. 17399
Wu, X.-D., Chang, K. Integrated active slot dipole antenna amplifier 21421
Wu, X.-D. *see* Tilley, K. 10412
Wu, X.-D. *see* Tilley, K. 36370
Wu, X.-M. *see* Liu, W.-T. 26185
Wu, X.D., Kino, G.S. New nondestructive method to measure metal film thickness 6774
Wu, X.D., Kino, G.S., Fanton, J.T., Kapitulnik, A. Photothermal microscope for high-T_c superconductors and charge density waves 14915
Wu, X.D. *see* Harshavardhan, K.S. 20170
Wu, X.D. *see* Harshavardhan, K.S. 43340
Wu, X.D. *see* Street, R.A. 31306
Wu, X.M. *see* Dabral, S. 294
Wu, X.P. *see* Wang, L.S. 46615
Wu, X.Y. *see* Asoka-kumar, P. 23994
Wu, Y., Coll, D.C. Multilevel block truncation coding using a minimax error criterion for high-fidelity compression of digital images 5107
Wu, Y., Ikeda, H., Yoshida, H. Optical fiber transmission system for audio signal with multiple frequency address by square-wave FM scheme 5987
Wu, Y., Ikeda, H., Yoshida, H., Shinohara, S. Addressed audio and video signal transmission through optical fibers 38072
Wu, Y., Ivanov, A. A minimal hardware overhead BIST data compaction scheme 17829
Wu, Y., Litvinenko, V.N., Madey, J.M.J. Study of undulator influence on the dynamic aperture for the Duke FEL storage ring 46719
Wu, Y. *see* Giger, M.L. 24235
Wu, Y. *see* Pinizzotto, R.F. 33754
Wu, Y. *see* Ravindra, N.M. 10740
Wu, Y.-J., Chau, P.M. Neural network processing to minimize quantization losses 34131
Wu, Y.-P. *see* Chen, Y.-T. 8497
Wu, Y.-T., Chang, J.-F. Collision resolution for variable-length messages 13905
Wu, Y.A., Chang-Hasnain, C.J., Li, G.S., Nabiev, R., Caneau, C., Florez, L.T., Choquette, K.D., Hasnain, G. Single-transverse mode, low threshold current vertical-cavity surface-emitting laser 28815
Wu, Y.A., Chang-Hasnain, C.J., Nabiev, R. Singlemode emission from a passive-antiguide-region vertical-cavity surface-emitting laser 3670
Wu, Y.A. *see* Chang-Hasnain, C.J. 3619
Wu, Y.A. *see* Vail, E.C. 12094
Wu, Z. MAP image reconstruction using wavelet decomposition 39026
Wu, Z., Broady, D.J. Supergain array containing only one fed element at 1.8 GHz 44613
Wu, Z., Davis, L.E., White, P. Slow-wave coplanar waveguide and resonators 42153
Wu, Z., Leahy, R. An approximate method of evaluating the joint likelihood for first-order GMRFs 13627
Wu, Z., Leahy, R. An optimal graph theoretic approach to data clustering: theory and its application to image segmentation 21949
Wu, Z. *see* Huang, C. 29135
Wu, Z. *see* Nevels, R.D. 21218
Wu, Z.Y. *see* Ko, C.C. 12777
Wu Ai-Guo *see* Zhang Li 28116
Wu Ai-Guo *see* Ai-Guo Wu
Wu Biing Sheng *see* Biing Sheng Wu
Wu Bin *see* Bin Wu
Wu Bo *see* Ma Yuan-Hao 31113
Wu Bo *see* Bo Wu
Wu Chai Wah *see* Chai Wah Wu
Wu Chang Sung *see* Sung Wu Chang
Wu Chang-Cherng *see* Chang-Cherng Wu

Wu Chang-Luen *see* Chang-Luen Wu
Wu Chen *see* Chen Wu
Wu Chen Mie *see* Chen-Mie Wu
Wu Chengjiu *see* Chengjiu Wu
Wu Chengke *see* Xu Zhengwei 13557
Wu Chi-hsin *see* Chi-hsin Wu
Wu Chi-Jui *see* Chi-Jui Wu
Wu Ching-Yuan *see* Ching-Yuan Wu
Wu Chongruo *see* Lin Hanan 2415
Wu Chongruo *see* Lin Hanan 10762
Wu Chunkun, Wang Xinmei Balanced source coding and its application in stream ciphers 12903
Wu Chung-Cheng *see* Chung-Cheng Wu
Wu Chung-Hsien *see* Chung-Hsien Wu
Wu Chung-Yu *see* Chung-Yu Wu
Wu Chunmeng *see* Chunmeng Wu
Wu Chwan-Hwa *see* Chwan-Hwa Wu
Wu Da-Jin *see* Da-Jin Wu
Wu Dazheng *see* Wan Huibing 9876
Wu Der-Woei *see* Der-Woei Wu
Wu Dong, Liu Zhi-Shen Determining surface orientation by using spherical representation of a surface 4991
Wu Dong-Bing Dual bases of a Bernstein polynomial basis on simplices 589
Wu En *see* Fu Jishi 48111
Wu Felix *see* Felix Wu
Wu Gang *see* Gang Wu
Wu Guofeng *see* Guofeng Wu
Wu Gengsheng *see* Jiang Xin 20691
Wu Guangbi, Zhu Linyu A LMS adaptive filtering algorithm with variable step size 44819
Wu Guangheng *see* Guangheng Wu
Wu Guangzhao *see* Xu Jun 18125
Wu Guangzhao *see* Xu Jun 20722
Wu Guoqing, Qian Donghong, Zhou Gang Chi square test in adaptive Kalman filter for passive tracking 4652
Wu Guoxin *see* Guoxin Wu
Wu Guoyang, Pei Changxing A new scheme for measuring non-linear distortion coefficient [in voltage measurement] 6713
Wu Guoyang *see* Yao Fujiang 10025
Wu Guoying, Huo Yilong, Xu Li, Zhang Guobing, Liu Xinohua Characteristics of Al/W/TiN/Al and Al/W/TiW/Al structures 27790
Wu Guoying *see* Lu Liwu 10729
Wu Hansheng, Zhang Duanyi An object model based control and diagnosis expert system of the total arm electrical powered prosthesis 24349
Wu Hansheng *see* Zhang Duanyi 6344
Wu Heyu, Dai Guangxi, Qian Xing On-line measurement of properties of plastic scintillator wall 23996
Wu Hong *see* Hong Wu
Wu Hong-Guan *see* Zhang Fu-Run 31529
Wu Hongxing *see* Guo Dahao 12074
Wu Huoy-Jong *see* Huoy-Jong Wu
Wu I-Fan *see* I-Fan Wu
Wu I-Wei *see* I-Wei Wu
Wu Il Lee *see* Dae Woo Lee 2557
Wu Ja-Ling *see* Ja-Ling Wu
Wu Jhy-Ping *see* Jhy-Ping Wu
Wu Ji *see* Lu Yuping 8268
Wu Jiahe *see* Shu Zongxun 25352
Wu Jianhua, Zhan Qionghua, Lin Jinming Flux waveforms in switched reluctance motor 8346
Wu Jianhua, Zhan Qionghua, Lin Jinming Pole arcs selection of switched reluctance motor 40148
Wu Jiannan *see* Jiannan Wu
Wu Jianxiong *see* Jianxiong Wu
Wu Jiazheng *see* Zhou Zhigang 19148
Wu Jie A simple method of obtaining the z-domain transfer functions of switched-current circuits 41625
Wu Jie, Hong Yi, Cai Guochang OTA-C realization of all-pole highpass ladder filters 10262
Wu Jie-Shing *see* Jie-Shing Wu
Wu Jihuai, Xu Chenghuang, Huang Miaoliang, Lin Bizhou Infrared tunable CW $NaCl(OH^-):(F_2^-)_H$ color center laser 12044
Wu Jihuai, Xu Chenghuang, Lin Bizhou, Huang Miaoliang, Lin Jianming Preparation of $NaCl(OH^-):(F_2^-)_H$ crystal and its infrared color center laser operation 12087
Wu Jin-Lei, Liu Wei-Min, Dong Yin-Wu, Shi Zi Guang, Zhao Xing-Yu, Xue Zeng-Quan, Wu Quan-De, Pang Shi-Jin Experimental study on photoemissive thin films with ultrafine particles 10609
Wu Jing *see* Zheng Jiang 11145
Wu Jingshown *see* Jingshown Wu
Wu Jiunn Shyen *see* Jiunn Shyen Wu
Wu Jun *see* Ma Xinocui 31327
Wu Jung-Shyr *see* Jung-Shyr Wu
Wu Junyong *see* Junyong Wu
Wu Jyh-Horng *see* Jyh-Horng Wu
Wu Ke *see* Ke Wu
Wu Ke-Li *see* Ke-Li Wu
Wu Ke-qin *see* Lee Xin-wan 27147
Wu Kun-Lung *see* Kun-Lung Wu
Wu Lan, Luo Bin, Chen Jianguo, Lu Yuchun Analysis of measurement results of residual reflectivity at AR coated facets of semiconductor lasers 12236
Wu Lan *see* Chen Jianguo 20670
Wu Lan *see* Lan Wu
Wu Li-De *see* Zhuang Qing 22156
Wu Lin *see* Zheng Yangshu 28259
Wu Lin-Kun *see* Lin-Kun Wu
Wu Long *see* Long Wu
Wu Lu *see* Lu Wu
Wu Meng-Chyi *see* Meng-Chyi Wu
Wu Ming-Tang, Sun Hong-Tao, Li Ping CuO-doped $ZnCr_2O_4$-$LiZnVO_4$ thick-film humidity sensor 23557
Wu Mingfang, Lai Chuxi, Yao Shude, Wang Xuemei $Si/CoSi_2/Si/SiO_2/Si(100)$ structure formed by ion beam synthesis 1974
Wu Minjin Multifractal entropy and multifractal dimension spectrum 12807
Wu Minning *see* Gao Yun 15086
Wu Minxian *see* Minxian Wu
Wu Mu-Shiang *see* Mu Shiang Wu
Wu Nianle *see* Zhang Jian 11920
Wu Nianle *see* Zhang Jian 12285
Wu Nianle *see* Nianle Wu
Wu Peiheng *see* Peiheng Wu
Wu Peiji *see* Peiji Wu
Wu Pengfei *see* Pengfei Wu
Wu Qiang *see* Qiang Wu
Wu Quan-De *see* Wu Jin-Lei 10609
Wu Renbiao *see* Bao Zheng 14700
Wu Rong-Yuang *see* Rong-Yuang Wu
Wu Ronghan *see* Wang Qiming 43819
Wu Ronghan *see* Zhang Quansheng 20885
Wu Ronghan *see* Zhang Yaohui 21047
Wu Rongjiu *see* Chen Chang 46880
Wu Ru Jun *see* Ru Jun Wu
Wu Ruey Beei *see* Ruey-Beei Wu
Wu Ruian *see* Hui Zhongxi 43693
Wu Ruifen, Zeng Zhnegdong, Xu Hao, Lin Wenxong, Sheng Hongyuan, Xu Guanfeng Critical phase matching conditions at 1079.5 nm and 1341.4 nm in $MgO:LiNbO_3$ crystal 12317
Wu Ruikun *see* Huang Yichuan 12043
Wu Rujia *see* Chen Juxin 38501
Wu Run *see* Zhang Wenzhen 29070
Wu San Lein *see* San Lein Wu
Wu Shangqing *see* Hui Zhongxi 43693
Wu Shao-Ming, Huang Ren, Wan De-Jun Reliability analysis of a repairable system without being repaired "as good as new" 26251
Wu Sheng-Jyh *see* Sheng-Jyh Wu
Wu Shin-Tson *see* Shin-Tson Wu
Wu Shousong *see* Cui Ronglong 17225
Wu Shundi *see* Liu Chengze 25740
Wu Shye Lin *see* Shye Lin Wu
Wu Songmao *see* Gao Haibin 15646
Wu Songmao *see* Wu Weimin 23997
Wu Suc Jen *see* Suc Jen Wu
Wu Tai Tsun *see* Tai Tsun Wu
Wu Tai-Kang *see* Tai-Kang Wu
Wu Te-Kao *see* Te-Kao Wu
Wu Tian *see* Tian Wu
Wu Tianfu *see* Chu Youling 42456
Wu Tien-Shou *see* Tien-Shou Wu
Wu Tsong-Ho *see* Tsong-Ho Wu
Wu Tzong-Chen *see* Tzong-Chen Wu
Wu Weihan *see* He Jinhang 10519
Wu Weimin, Gao Haibin, Wu Songmao, Lu Fuquan Test of characteristics of a channeltron 23997
Wu Weimin *see* Gao Haibin 15646
Wu Weishu *see* Weishu Wu
Wu Wen-Fa *see* Wen-Fa Wu
Wu Wen-Rong *see* Wen-Rong Wu
Wu Wen-Yen *see* Wen-Yen Wu
Wu Wenhsing *see* Wenhsing Wu
Wu Wenqi *see* Dong Dencun 1339
Wu Xian *see* Xian Wu
Wu Xiang-ying *see* Lee Xin-wan 27147
Wu Xiangbing *see* Ye Yukang 1575
Wu Xiao-Dong *see* Xiao-Dong Wu
Wu Xiaoping *see* Xiaoping Wu
Wu Xin Yu *see* Xin Yu Wu
Wu Xin-Yu *see* Xin-Yu Wu
Wu Xinghui, Li Yanfeng, Zhou Zhenlai, Tian Zihua An approach to achieve high selectivity of gas sensors 23747
Wu Xinzhang *see* Xu Shanjin 4224
Wu Xuepu *see* Wang Xinowei 28703
Wu Xunwei Switch-signal theory for guiding the design of nMOS digital circuits at element level 33943
Wu Yaming *see* Yaming Wu
Wu Yan-Pei *see* Yan-Pei Wu
Wu Yanqing *see* Yanqing Wu
Wu Ying-Ming *see* Ying-Ming Wu
Wu Yiquan, Wang Houshu A new fast Hartley transform algorithm 4678
Wu Yiquan, Wang Houshu A new fast algorithm for computing even-type discrete sine transform-IV by fast W transform-II 4679
Wu Yiquan, Zhu Zhaoda A fast interpolation algorithm for discrete signals based on FHT 44847
Wu Yong-Gie *see* Yong-Gie Wu
Wu Yong-Jun *see* Cao Mang 31466
Wu Yongjian, Xu Zhengquan Distribution of electric field in waveguide covered with planar electrodes 21300
Wu Yongjun, Li Dacheng, Cao Mang, Zhang Hanyi A research on large-scale no-guide distance measurement using external-cavity semiconductor laser 29071
Wu Youshou *see* Ding Xiaoqing 5048
Wu Youshou *see* Youshou Wu
Wu Youyang *see* Youyang Wu
Wu Yu-Bin *see* Yang Kun-Tao 38675
Wu Yu-Jen *see* Yu-Jen Wu
Wu Yu-Min *see* Yu-Min Wu
Wu Zhanghua, Gan Fuxi Scanning tunneling microscopy for the measurement of optical disk pregrooves 28431
Wu Zhaolin *see* Zhaolin Wu
Wu Zhen, Li Zhi-Yang, Zhang Ping Measurement precision and noise analysis of CCD cameras 31303
Wu Zhen *see* Zhen Wu
Wu Zhenghang *see* Luo Ting 28992
Wu Zhiwu *see* Feng Hao 20483
Wu Zhongjun, Li Xishan, Gan Baihui, Sun Jinfan Fast classification and counting of surface defects and evaluation of surface performances for optical disks 28432
Wu Zhongkang *see* Weng Xinguang 11658
Wu Zong-Min *see* Zong-Min Wu
Wu Zuoliang *see* Gong Dawei 23629
Wu-Pen Yuen On the different formulations of the coupled-mode theory for parallel dielectric waveguides 35435
Wu-Ton Chen, Chong-Yung Chi Deconvolution and vocal-tract parameter estimation of speech signals by higher-order statistics based inverse filters 4537
Wucherer, M. *see* Brandt, G.-A. 24178
Wuda Shu *see* Shu Wuda
Wudl, F. *see* Aratani, S. 3359
Wudl, F. *see* Sariciftci, N.S. 20513
Wueest, D. *see* Jenni, F. 17022
Wuertz, D.B. *see* Weber, B.L. 7615
Wuest, B., Mueller, R. High-capacity drive system for road vehicles with electrical and hybrid drive 48275
Wuesteney, J. *see* Haake, G. 37417
Wuidart, L. *see* Nicolai, J. 47987
Wuijts, J.J. *see* Willems, F.M.J. 36584
Wuijtswinkel, R.C.van *see* van Wuijtswinkel, R.C.
Wulbern, K. *see* Schrufer, E. 46665
Wulf, H.C. *see* Bech-Thomsen, N. 7492
Wulf-Mathies, C. *see* Gonzalez Soto, O. 22452
Wulf-Mathies, C. *see* Owen, H.L. 37369
Wulfinghoff, D.R. DSM—what works, what doesn't, and why 7784
Wulfmeyer, V. *see* Ottinger, C. 43746
Wulich, D., Bukris, M. Data over voice using time-warping technique 21492
Wulich, D., Bukris, M. A new technique of data over voice based on time-warping 21504
Wulich, D. *see* Goldfeld, L. 29538
Wulin Du *see* Du Wulin
Wullimann, E. *see* Telleschi, P.L. 16711
Wulbschleger, V. *see* Hundley, W. 46137
Wulz, C.-E. *see* Gasparini, F. 7223
Wulz, C.E. *see* Bencze, G.L. 38858
Wuming Liu *see* Liu Wuming
Wumpelmann, H. *see* Balewski, K. 46775
Wunder, R. Fire at the West heating power plant of VW Kraftwerk GmbH,—cause fire-fighting, effects and rehabilitation 32900
Wunderlich, A. *see* Meier, D. 8203
Wung, P. *see* Puttgen, H.B. 8861
Wunner, G. *see* Martius, S. 10467
Wunsch, F., Schlichthorl, G., Tributsch, H. Microwave-photoelectric examination of photovoltaic devices 6510
Wunsche, H.J., Bandelow, U., Wenzel, H. Calculation of combined lateral and longitudinal spatial hole burning in λ/4 shifted DFB lasers 12162
Wunsche, H.J. *see* Bandelow, U. 35785
Wunstel, K., Schilling, M., Idler, W., Eilenberger, G., Bunse, S., Rehm, W. Multidimensional optical switching with advanced key components 30577
Wunstel, K. *see* Baums, D. 3842
Wunstel, K. *see* Hildebrand, O. 45948
Wunstel, K. *see* Hofmann, M. 28866
Wunstel, K. *see* Lach, E. 28877
Wunstel, K. *see* Schilling, M. 12171
Wuorinen, J.H. *(editor)* 1993 IEEE International Solid-State Circuits Conference. Digest of Technical Papers. ISSCC. First Edition (Cat. No.93CH3272-2) 26079
Wupperman, B., Fox, B., Walker, R., Atkinson, S., Budin, D., Lanzi, C., Bleiweiss, S. A 16-PSK modulator with phase error correction 33937
Wuppermann, B. *see* Atkinson, S. 14465
Wuppermann, B. *see* Atkinson, S. 22800
Wur, D.R. *see* Davidson, J.L. 23546
Wurfl, J. *see* Fricke, K. 31182
Wurfl, J. *see* Miao, J. 2059
Wurgel, M. *see* Chevallay, E. 38810
Wurm, G. *see* Grajew, G. 37613
Wurm, J.P. *see* Baur, R. 46897
Wurman, J., Heckman, S., Boccippio, D. A bistatic multiple-Doppler radar network 47265
Wurst, J.W. *see* Laidig, M.R. 40451
Wurtele, J.S., Whittum, D.H., Sessler, A.M. Impedance-based analysis and study of phase sensitivity in slow-wave two-beam accelerators 6873
Wurtele, J.S. *see* Shvets, G. 35910
Wurtele, J.S. *see* Zhang, G. 28885
Wurthwein, F. *see* Alexander, J.P. 24110
Wurthwein, F. *see* Alexander, J.P. 46860

Wurtz, L.T. An efficient scaling procedure for domain CMOS logic 1168
Wurtz, L.T., Wheless, W.P., Jr. Design of a high-performance, low-noise charge preamplifier 23953
Wurtz, L.T., Wheless, W.P., Jr. Pulse shaping for low-noise, charge preamplifiers 24099
Wushow Chou *see* Lap Huynh 37543
Wust, P., Fahling, H., Jordan, A., Nadobny, J., Seebass, M., Felix, R. Development and testing of SAR-visualizing phantoms for quality control in RF hyperthermia 24339
Wust, R. Introduction to Z39.50—a new standard for libraries 45609
Wustefeld, G. *see* Bahrdt, J. 7032
Wustefeld, G. *see* Burkmann, K. 15463
Wustefeld, G. *see* Scheer, M. 7034
Wustefeld, K.H. *see* Kosch, H.H.J. 26900
Wusterbarth, M. *see* Atkins, A.W. 16697
Wusterbarth, M. *see* Boardman, R. 16695
Wuthrich, C. *see* Cao Sansong 12102
Wuu Lih-Chyau *see* Lih-Chyau Wuu
Wuyts, B. *see* Wu, M.F. 27642
Wuyts, K., Moeneclaey, M. Coding and multipath diversity on fading channels with random path delays 37726
Wuyts, K. *see* Silverans, R.E. 19438
Wuyts, K. *see* Watte, J. 34597
Wyatt, G. *see* Belady, C.L. 352
Wyatt, K. EMC design of the HP 54600 Series O-scopes 23780
Wyatt, K.W. *see* Chao-Pin Yeh 42292
Wyatt, P.W. *see* Bernstein, J.B. 20031
Wyatt, P.W. *see* Yount, J.T. 19550
Wyatt, R., Whitley, T., Davey, S., Szebesta, D. Recent progress in high gain, high output power praseodymium doped fluoride fibre amplifiers for the 1.3 μm spectral region 3509
Wyatt, R. *see* Davey, S.T. 3546
Wyatt, R. *see* Massicott, J.F. 20664
Wyatt, R. *see* Whitley, T.J. 43777
Wyatt, R.R. The sealed electrical connector 42282
Wyatt, R.W.W. *see* Danson, C.N. 3569
Wybourne, M.N., Wu, J.C., Mingdi Yan, Sui Xiong Cai, Keana, J.F.W. Modification of polymer surfaces and the fabrication of submicron-scale functionalized structures by deep-ultraviolet and electron-beam lithography 27899
Wybourne, M.N. *see* Wu, J.C. 1877
Wyczalek, F.A. Heating and cooling battery electric vehicles—the final barrier 25890
Wygant, R. *see* White, B. 6248
Wyk, J.D.van *see* van Wyk, J.D.
Wykes, C., Nagi, F., Webb, P. Ultrasound imaging in air 47301
Wykes, C. *see* Carr, H. 7660
Wykes, C. *see* Munro, W.S.H. 24539
Wykes, F.C. Influence of electric vehicle racing formulae on electric competition vehicle systems 17574
Wyland, C. The effect of PCB thermal conductivity on package thermal resistance 1708
Wylangowski, G. *see* Abdulhalim, I. 20444
Wylangowski, G. *see* Eason, R.W. 18260
Wylde, R.J., Martin, D.H. Gaussian beam-mode analysis and phase-centers of corrugated feed horns 36397
Wylie, F. Digital audio data compression—tandem coding 44921
Wylie, I.W., Tarr, N.G. Blanket p^+ polysilicon gates for sub-half-micron CMOS 2658
Wyman, D.J. Using satellite communications for a mobile computer network 37406
Wyman, P.R. Safety faster—developing timely new products with assured safety 26145
Wymeersch, W. *see* Jones, R. 9028
Wymeersch, W. *see* Lecocq, D. 17475
Wynands, H., Cocivera, M. Thermally stimulated current studies of electrodeposited CdSe thin films 34523
Wyndham, E. *see* Chuaqui, H. 12449
Wyndrum, R.W., Jr. Leadership for process improvement for reengineering success 26121
Wyner, E. *see* Geens, R. 8972
Wynn, H.P. *see* Karakostas, K.X. 36459
Wynn, J.D. *see* Hong, M. 28838
Wynn, J.D. *see* Huang, K.F. 28818
Wynn, J.D. *see* Tai, K. 3648
Wynn, J.D. *see* Vakhshoori, D. 20764
Wynn, J.D. *see* Wiesenfeld, J.M. 12192
Wynne, T.A. *see* Dukes, E.C. 31693
Wyns, A., Bogaerts, D., Van Eck, J.L., Mathys, P. PSPICE simulations and 3D-PCB transformers for ZVS full bridge converters 17052
Wyns, A. *see* Bertha, F. 2434
Wyntjes, G. *see* Hall, D.M. 29034
Wyon, C. *see* Souriau, J.C. 35736
Wyon, Ch. *see* Li, C. 43779
Wyrowski, F. *see* Peter, T. 12464
Wyrsch, N. *see* Beck, N. 28595
Wyrsch, N. *see* Shah, A. 34539
Wyrwinski, J. *see* Dauguet, S. 29300
Wyslouch, B. The PHOBOS experiment at RHIC and AGS 31803
Wysocka, A. *see* Izewska, J. 7472
Wysocki, P.F. *see* DiGiovanni, D.J. 20744
Wysocki, P.F. *see* Wagener, J.L. 3503
Wysocki, P.F. *see* Wagener, J.L. 12082
Wysocki, P.F. *see* Wagener, J.L. 35762
Wysocki, T., Jr. Error extension in decoding of line signal 30765
Wysocki, T., Jr., Weber, R. Triple chirp narrow band modulation 21509
Wysor, W. *see* Meshkat, S. 8472
WYSS, C. Status of the LEP energy upgrade 15285
Wyss, J. *see* Bisello, D. 15653
Wyss, R.A., Eugster, C.C., del Alamo, J.A., Qing Hu Far-infrared photon-induced current in a quantum point contact 1894
Wyss, U.P. *see* Li, J. 24199
Wyszynski, A. Low-voltage CMOS and BiCMOS triode transconductors and integrators with gain-enhanced linearity and output impedance 34153
Xan Wang *see* Dawei Gong 9531
Xapsos, M.A., Weatherford, T.R., Shapiro, R. The shape of heavy ion upset cross section curves [SRAMs] 34068
Xapsos, M.A. *see* Shaw, G.J. 35029
Xavier, M.A. *see* Phadke, A.G. 47608
Xerri, B. *see* Cavassilas, J.-F. 4609
Xhuvani, A.P. *see* Faucher, J. 17467
Xi, X.X. *see* Wei-lou Cao 28406
Xi Bin *see* Hu Yaguang 17506
Xi Boling *see* Boling Xi
Xi Chang Liang *see* Liang Xi Chang
Xi Chen *see* Chen Xi
Xi Dexun, Sha Xiangyue A discriminating method of frequency stabilization system for travelling-wave linac 46715
Xi Jiang, Meditch, J.S. A high-speed integrated services ATM/STM switch 22737
Xi Jianping *see* Jianping Xi
Xi Mao Bao, Hai-Qiang Yang Control of porous silicon luminescent pattern formation by ion implantation 3321
Xi Xie *see* Xie Xi
Xi Zhang, Iwakura, H. Design of IIR digital filters with given magnitude specifications using allpass networks 18866
Xi Zhang *see* Baishi Wang 31527
Xi-Chang Liang *see* Liang Xi-Chang
Xi-Chen Zhu *see* Zhu Xi-Chen
Xi-Fu Qiang *see* Qiang Xi-Fu
Xi-Jun Yu *see* Yu Xi-Jun
Xi-Ping Zhao *see* Zhao Xi-Ping
Xi-Qi Feng, Guan-Qin Hu, Zhi-Wen Yin, Ying-Peng Huang, Kapphan, S., Fisher, C., Fu-Zheng Zhou, Yi Yang, Ding-Yuan Fan Growth, laser and magneto-optic properties of Nd-doped $Bi_4Ge_3O_{12}$ crystals 41244
Xi-Wen Wang *see* Wang Xi-Wen
Xi-Yan Hu *see* Hu Xi-Yan
Xia, H., Bertoni, H.L., Maciel, L.R., Lindsay-Stewart, A., Rowe, R. Radio propagation characteristics for line-of-sight microcellular and personal communications 29180
Xia, H.H. *see* Maciel, L.R. 36182
Xia, J. *see* Kao, W. 14881
Xia, J. *see* Kao, W. 27092
Xia, J. *see* Zhong-Yue Ren 32867
Xia, M.Y., Chen, Z.Y. Attenuation predictions at extremely low frequencies for measurement-while-drilling electromagnetic telemetry system 39358
Xia, R., Odemuyiwa, O., Murgatroyd, F., Gill, J., Malik, M., Camm, A.J. Influence of the artefact of computerised analysis of 24-hour electrocardiograms on the measurement of spectral components of heart rate variability 24300
Xia, R. *see* Malik, M. 15852
Xia, S. *see* Maloney, C.E. 42347
Xia, T., Hagan, D.J., Sheik-Bahae, M., van Stryland, E.W. Eclipsing Z-scan measurement of $\lambda/10^4$ wave-front distortion 36027
Xia, W. *see* Tseng, W.F. 713
Xia, X.-G., Kuo, C.-C.J., Zhang, Z. Signal extrapolation based on wavelet representation 21827
Xia, X.-G., Kuo, C.-C.J., Zhang, Z. On optimal prefiltering for wavelet coefficient computation 29705
Xia, X.-G., Zhang, Z. Lower and upper bounds for the error of the Mth resolution via optimal wavelet choice for a signal 13357
Xia, X.-G., Zhang, Z., Lo, C. Error analysis of the MMSE estimator for multidimensional band-limited extrapolations from finite samples 44836
Xia, X.Q. *see* Ih, C.S. 5672
Xia, Y.Q., David, A.K., Li, K.K. High-resistance faults on a multi-terminal line: analysis, simulated studies and an adaptive distance relaying scheme 47587
Xia, Y.Q., Li, K.K., David, A.K. Adaptive relay setting for stand-alone digital distance protection 47586
Xia, Z. *see* Grahn, K. 2460
Xia, Z.P. *see* Zhu, Z.Q. 47837
Xia Chaibong *see* Yang Zhihong 15015
Xia De Shen *see* De Shen Xia
Xia Deqian *see* Li Guohui 42661
Xia Deqian *see* Xie Zili 641
Xia Jiqing *see* Jiqing Xia
Xia Kai *see* Kai Xia
Xia Liangzheng *see* Liangzheng Xia
Xia Monghua *see* Monghua Xia
Xia Ping *see* Ping Xia
Xia Ren *see* Ren Xia
Xia Wei *see* Wei Xia
Xia Wen *see* Rovetta, A. 39082
Xia Xiang-Gen *see* Xiang-Gen Xia
Xia Yiwei *see* Cao Wei 21153
Xia Yiwei *see* Cao Wei 36346
Xia Yuxing *see* Yuxing Xia
Xia Zhongfu, Gunther, P. Transport of detrapped charges in thermally wet grown SiO_2-electret 35103
Xia Zhongfu, Gunther, P. Silicondioxide electret films prepared by the sol-gel process 43139
Xia Zhongfu *see* Gerhard-Multhaupt, R. 35122
Xian Dingchang *see* Dingchang Xian
Xian Hua Yang, Shafai, L. Full wave approach for the analysis of open planar waveguides with finite width dielectric layers and ground planes 36334
Xian She Shou *see* Shou Xian She
Xian Wang, Xinggang Lin, Youshou Wu Method for vectorizing line-structured engineering drawings based on window features extraction 30091
Xian Wu *see* Liu Hongjian 30019
Xian Yang Yi *see* Yi Xian Yang
Xian-De Zhu *see* Zhu Xian-De
Xian-Deng Pei *see* Pei Xian-Deng
Xian-Mo Zhang *see* Seberry, J. 29491
Xian-Ping Cheng *see* Cheng Xian-Ping
Xianbo Liao *see* Liao Xianbo
Xianda Zhang *see* Zhang Xianda
Xiande Liu *see* Liu Xiande
Xianfeng Zhang *see* Jingwu Qiu 38477
Xiang, F., Chen, K.H., Yip, G.L. The application of an improved WKB method to the characterization of diluted silver ion-exchanged glass waveguides in the near infrared 3096
Xiang, N.-d. *see* Chen, R.H. 24690
Xiang, X.Q. *see* Li, J.S. 3954
Xiang Dong, Wei Daozheng An optimal parallel testing design of partitioned circuits 41762
Xiang Dong *see* Dong Xiang
Xiang Gao *see* Gao Xiang
Xiang Gui, Dew, S.K., Brett, M.J. Three-dimensional thermal analysis of high density triple-level interconnection structures in very large scale integrated circuits 42747
Xiang Gui, Guang-Bo Gao, Morkoc, H. The effects of surface metallization on the thermal behavior of GaAs microwave power devices 42204
Xiang Jingcheng, Liu Qiang, Qiu Wanzhi On waveform design of frequency diversity biphase coded signals 14678
Xiang Jingcheng *see* Han Chunlin 23155
Xiang Leng *see* Leng Xiang
Xiang Li *see* Li Xiang
Xiang Lin-Kui *see* Fu Pan 46603
Xiang Niande *see* Deng Youman 24817
Xiang Qing *see* Liu Yan-Bing 31190
Xiang Tao *see* Huang Qing-An 27407
Xiang Tong Li *see* Bao Xue Chen 11638
Xiang Wan, Guangyou Xu Camera pose estimation through two-view calibration 46506
Xiang Wei-Ning *see* Wei-Ning Xiang
Xiang Xinyu *see* Wang Liangbin 33757
Xiang Xun-Xian *see* Gao Li 29285
Xiang Xun-Xian *see* Zhang Xiao-Long 31833
Xiang Yuan Yun *see* Yun Xiang Yuan
Xiang Zengjun, Bi Guangguo Nonlinear mapping performance analysis of polynomial perceptron and its lattice realization 18921
Xiang Zhigang *see* Zhigang Xiang
Xiang-Chun Sun *see* Sun Xiang-Chun
Xiang-Fu Nie *see* Nie Xiang-Fu
Xiang-Gen Xia, Zhen Zhang On sampling theorem, wavelets, and wavelet transforms 44977
Xiang-Gen Xia *see* Zhen Zhang 45365
Xiang-Hui Yuan *see* Yuan Xiang-Hui
Xiang-Lin Yang *see* Yang Xiang-Lin
Xiang-Mo Zhang *see* Seberry, J. 44725
Xiang-Na Liu *see* Liu Xiang-Na
Xiang-Qian Jiang *see* Jiang Xiang-Qian
Xiang-Yang Liu *see* Liu Xiang-Yang
Xiang-ying Wu *see* Wu Xiang-ying
Xiang-Zheng Tu, Zemel, J.N. Vertical-membrane optical-fiber pressure sensor 15048
Xiangbing Wu *see* Wu Xiangbing
Xiangdong Yu *see* Yu Xiangdong
Xiangfu Huang *see* Zhihong Hu 8542
Xiangfu Huang *see* Huang Xiangfu
Xiangguang Yu *see* Chong Liu 31455
Xianghui Zeng *see* Huaming Jiang 35273
Xiangjiu Zhang *see* Qian Cui 34705
Xiangjiu Zhang *see* Zhang Xiangjiu
Xiangjun Yang *see* Yang Xiangjun
Xiangliu Jiang *see* Jiang Xiangliu
Xiangmin Zhou *see* Zhou Xiangmin
Xiangming Wang *see* Wang Xiangming
Xiangning He, Weixun Lin, Yonghuang Zeng The research on fast detecting technique for failure of network in UPS 8536
Xiangpeng Yang *see* Guo-Guang Mu 29994
Xiangqian Tong *see* Tong Xiangqian
Xiangqing Shi *see* Xizhi Li 31240

Xiangqun Cao *see* Cao Xiangqun
Xiangsheng Zhou *see* Zhou Xiangsheng
Xiangwu Wang *see* Wang Xiangwu
Xiangyang Ren *see* Qishao Zhang 34221
Xiangyin Li *see* Li Xiangyin
Xiangyue Sha *see* Sha Xiangyue
Xiangyun Tang *see* Tang Xiangyun
Xianhan Liu *see* Jing Xu 23705
Xianhe Jin *see* Jin Xianhe
Xianhuang Yu *see* Yu Xianhuang
Xianji Li *see* Li Xianji
Xianliang Shi *see* Chui, C.K. 36926
Xianlong Hong *see* Hong Xianlong
Xianming Liu *see* Beifang Yang 33681
Xianqiu Chen *see* Chen Xianqiu
Xianrong Chen *see* Chen Xianrong
Xianrong Wang *see* Wang Xianrong
Xianshu Lin *see* Lin Xianshu
Xianwen Ren *see* Ren Xianwen
Xianyi Wang *see* Wang Xianyi
Xianyi Zhang *see* Zhang Xianyi
Xiao, G. *see* Dusa, M. 6781
Xiao, H.Z. *see* Tsu, R. 18221
Xiao, J. *see* Krasnoperova, A.A. 31816
Xiao, M., Lawless, K.L., Ning-Chen Lee Prospects of solder paste application in the ultra fine pitch era 34410
Xiao, Q.F., Chen, H., Mildner, D.F.R., Downing, R.G., Benenson, R.E. A comparison of experiment and simulation for neutron guidance through glass polycapillary fibers 15486
Xiao, S., Vahldieck, R. An improved 2D-FDTD algorithm for hybrid mode analysis of quasi-planar transmission lines 4190
Xiao, X. *see* Shen, F. 14218
Xiao, X.G. *see* Srinivasan, N.S. 38732
Xiao, Y. *see* Tsuo, Y.S. 17399
Xiao Ai-Guo (θ, p, q)-algebraic stability of Runge-Kutta methods 18092
Xiao Chengshan Approximation of linear phase IIR digital filters 10308
Xiao Chengshan Coefficient sensitivity and structure optimization of 2-D digital systems 13165
Xiao Donghui, Liu Pei, Cheng Shijie Survey of fault location problem on overhead transmission lines 16472
Xiao Fang Bi *see* Tanaka, Y. 11468
Xiao Feng *see* Feng Xiao
Xiao Gangyao, He Huijuan, Liu Yupu, Zhang Yinghua, Wang Zijiang Electro-optic effect on stripline travelling wave Pockels cell 20392
Xiao Gangyao, He Huijuan, Shen Jinhui, Liu Yupu, Zhang Yinghua, Lu Peihua, Wang Zhijiang ASE of dye medium in a DLA and fs pulse amplification 12031
Xiao Guolong *see* Liu Gengquan 46160
Xiao Hu, Kawazoe, Y. Theory of the capping effect in magnetic double-film systems 35241
Xiao Jiang, Gole, A.M. An energy recovery filter for HVDC systems 47460
Xiao Jiang, Goole, A.M. Energy recovery filter for damping AC system resonance 7709
Xiao Jianwei, Yi Maobin, Dingsan, G. Design and experimental results for high speed buried semiconductor lasers 20887
Xiao Jianwei *see* Qian Yi 19377
Xiao Jianwei *see* Shen Xiaohua 20669
Xiao Jianwei *see* Yang Guowen 20815
Xiao Jianwei *see* Yang Guowen 20888
Xiao Jun Zeng *see* Zeng Xiao Jun
Xiao Ke *see* Ke Xiao
Xiao Leping *see* Leping Xiao
Xiao Manchao *see* Manchao Xiao
Xiao Ming Fang *see* Hong Koo Kim 9682
Xiao Ming Zhu *see* Gupta, K.K. 13701
Xiao Qun *see* Qun Xiao
Xiao Shao-Jun, Jiang Xiang-Qian, Xie Tie-Bang New reference line for estimating the roughness of the arbitrary curved surface 33507
Xiao Shuo *see* Shuo Xiao
Xiao Xiaomao *see* Xiaomao Xiao
Xiao Yongxin Complexity of programmable logic arrays with input decoders 41765
Xiao You Zhou An efficient model for map recognition 13764
Xiao-Bo Zhu *see* Zhu Xiao-Bo
Xiao-Dong Lu *see* Lu Xiao-Dong
Xiao-Dong Wu *see* Leverich, W.K. 21448
Xiao-fang Wang *see* Zhi-zhang Xu 3453
Xiao-Feng Na *see* Na Xiao-Feng
Xiao-Guang Li *see* Li Xiao-Guang
Xiao-Hua Cheng *see* Cheng Xiao-Hua
Xiao-Hua Xie, Xue-Qin Tian, Li-Min Luo New entropy operator for edge abstraction 5000
Xiao-Hua Xie, Zheng Qin, Li-Min Luo 3D edge orientation detection 5068
Xiao-Hui Qin *see* Sjogren, L.B. 34280
Xiao-Lei Rao *see* Kai-Ying Wang 2797
Xiao-Lian Liu *see* Liu Xiao-Lian
Xiao-Liang Cheng *see* Cheng Xiao-Liang
Xiao-Long Zhang *see* Zhang Xiao-Long
Xiao-Ming Bu *see* Bu Xiao-Ming
Xiao-Ming Lu *see* Lu Xiao-Ming
Xiao-Ming Sun *see* Sun Xiao-Ming
Xiao-Peng Liang, Zaki, K.A. Modeling of cylindrical dielectric resonators in rectangular waveguides and cavities 42177
Xiao-Peng Liang *see* Hui-Wen Yao 42176
Xiao-Ping Song *see* Song Xiao-Ping
Xiao-sheng Huang *see* Huang Xiao-sheng
Xiao-Song Zhu *see* Zhu Xiao-Song
Xiao-Tang Hu *see* Hu Xiao-Tang
Xiao-Tian Wang *see* Wang Xiao-Tian
Xiao-Yan Ye *see* Ye Xiao-Yan
Xiao-Ying Fu *see* Fu Xiao-Ying
Xiao-Yuan Hou *see* Jian Wang 28661
Xiaoben Liu *see* Liren Liu 3939
Xiaobin Fu *see* Fu Xiaobin
Xiaobing Lee, Ya-Qin Zhang, Leon-Garcia, A. Information loss recovery for block-based image coding techniques—a fuzzy logic approach 29965
Xiaobing Lee *see* Ya-Qin Zhang 36845
Xiaobing Li *see* Chunhui Yan 42523
Xiaobing Li *see* Liangzheng Xia 21930
Xiaobing Mei *see* Wei Liu 3181
Xiaobing Mei *see* Mei Xiaobing
Xiaobo Li, Lai, R., Dillon, T.S. An improved decomposition approach for reachability analysis 45361
Xiaobo Li *see* Chow, G. 22047
Xiaobo Zhang *see* Guotong Du 12247
Xiaobo Zhang *see* Zhang Xiaobo
Xiaochuan, Z. *see* Xingliang, H. 15034
Xiaochuan Dang *see* Dang Xiaochuan
Xiaochuan Zhou *see* Zhou Xiaochuan
Xiaochun Zhang *see* Zhang Xiaochun
Xiaochun Zhu *see* Zhu Xiaochun
Xiaocui Ma *see* Ma Xiaocui
Xiaodan Jin *see* Jin Xiaodan
Xiaodong, M. *see* Xuefeng, Y. 11555
Xiaodong Han, Cuifang Liang, Yuanli Chen The analysis on the seed/slag interaction in the coal-fired MHD generator 25791
Xiaodong Li *see* Li Xiaodong
Xiaodong Liu *see* Liu Xiaodong
Xiaodong Mu *see* Xuefeng Yue 44131
Xiaodong Mu *see* Mu Xiaodong
Xiaodong Qiu *see* Qiu Xiaodong
Xiaodong Yin, Germay, N. A fast genetic algorithm with sharing scheme using cluster analysis methods in multimodal function optimization 41105
Xiaoduo Chen, Kusakabe, C., Tomikawa, Y., Takano, T. Rotor displacement of the ultrasonic motor having an angular displacement self-correction function 25472
Xiaofan Shen *see* Shen Xiaofan
Xiaofeng Li *see* Li Xiaofeng
Xiaofeng Meng *see* Junqin Huang 4594
Xiaofeng Qi, Palmieri, F. Theoretical analysis of evolutionary algorithms with an infinite population size in continuous space. Part I: Basic properties of selection and mutation 33498
Xiaofeng Qi, Palmieri, F. Theoretical analysis of evolutionary algorithms with an infinite population size in continuous space. Part II: Analysis of the diversification role of crossover 33499
Xiaoguang Chen *see* Chen Xiaoguang
Xiaoguang Li *see* Li Xiaoguang
Xiaohan Sun Unified analysis of ellipsoid shaped optical fibers 3043
Xiaohong Jiang *see* Jiang Xiaohong
Xiaohong Su *see* Su Xiaohong
Xiaohua Liu *see* Liu Xiaohua
Xiaohua Shen *see* Shen Xiaohua
Xiaohua Xie *see* Xie Xiaohua
Xiaohua Yu *see* Bisong Cao 36430
Xiaohui Wang, Qianghua Wang, Xin Jin, Xixian Yao Intrinsic flux noise of high-T_c RF-SQUID in the dissipative mode 35285
Xiaohui Wang *see* Wang Xiaohui
Xiaojian Huang *see* Huang Xiaojian
Xiaojian Shu Gain analysis of a waveguide free electron laser 28887
Xiaojie, Z. *see* Hexu, S. 8571
Xiaojie Zhao *see* Zhao Xiaojie
Xiaojun Chen *see* Chen Xiaojun
Xiaojun Li *see* Li Xiaojun
Xiaokang Huang, Bazan, G., Bernstein, G.H. New technique for computation and challenges for electron-beam lithography 27932
Xiaolan Deng, Ritchie, E. Detection of broken rotor bars in induction motor rotors by investigating the flux linkages of the stator winding 40210
Xiaolan Peng *see* Peng Xiaolan
Xiaolan Song *see* Song Xiaolan
Xiaolan Xie *see* Sauer, N. 18016
Xiaolang Yan *see* Yan Xiaolang
Xiaolei Zhang Design of conical corrugated feed horns for wide-band high-frequency applications 21403
Xiaoli Kang *see* Kang Xiaoli
Xiaoli Sun *see* Hayden, W.L. 6040
Xiaoliang Xing *see* Tao Wang 13714
Xiaoliang Xing *see* Xing Xiaoliang
Xiaolin Tong *see* Tong Xiaolin
Xiaoling Zhai, Garate, E., Prohaska, R., Fisher, A., Benford, G. Electric field measurement in a plasma-filled X-band backward wave oscillator 42369
Xiaoling Zhai *see* Garate, E. 19305
Xiaolu Wang *see* Wang Xiaolu
Xiaolu Zuo *see* Zuo Xiaolu
Xiaomao Xiao *see* Junqin Huang 4594
Xiaomeng Lei *see* Wanyong Juang 7801
Xiaomiao Zhang *see* Zhang Xiaomiao
Xiaomin Tang *see* Tang Xiaomin
Xiaoming, F. *see* Xingliang, H. 15034
Xiaoming Fang *see* Fang Xiaoming
Xiaoming He *see* He Xiaoming
Xiaoming Jiang *see* Jianhua Jiang 6922
Xiaoming Xu *see* Xu Xiaoming
Xiaoneng Cao *see* Cao Xiaoneng
Xiaoning Chen *see* Jing Xu 23705
Xiaonong Ran, Friedrich, W.R. Isochronous LAN based full-motion video and image server-client system with constant distortion adaptive DCT coding 30496
Xiaopin Zhang *see* Qing Li 30799
Xiaoping, W., Qibo, Z., Minming, W., Dingbo, K. Studies on evaluating methods for staring thermal imaging systems using IR focal plane 15088
Xiaoping Huang, Wen-Jung Liu, Wei, B.W.Y. A high-performance CMOS redundant binary multiplication-and-accumulation (MAC) unit 34023
Xiaoping Wang *see* Xizhi Li 31240
Xiaoping Wu, Linyong Pang, Haibo Zhang New optical head and system of ESPI 29036
Xiaoping Yang *see* Kivshar, Y.S. 44091
Xiaoping Yang *see* Yang Xiaoping
Xiaoping Zhang *see* Zhang Xiaoping
Xiaoqi Bao *see* Aiguo Yin 23524
Xiaoqi Zhou *see* Zhou Xiaoqi
Xiaoqing, W., Kinoshita, K. Testable designs of sequential circuits under highly observable condition 1188
Xiaoqing Ding *see* Ding Xiaoqing
Xiaoqing Wen *see* Wen Xiaoqing
Xiaoqing Zhang *see* Zhang Xiaoqing
Xiaoshan Ma *see* Ma Xiaoshan
Xiaotian Zhang *see* Zhang Xiaotian
Xiaowei, W., Shuang, L., Jiangyuan, Z., Chunbao, F. Experimental investigation of influence of CVL operating parameters on optimal delay of CVL oscillator-amplifier chain 11924
Xiaowei Shi *see* Shi Xiaowei
Xiaowei Tang *see* Tang Xiaowei
Xiaowei Wang *see* Wang Xiaowei
Xiaowu Ni *see* Ni Xiaowu
Xiaoyan Han *see* Han Xiaoyan
Xiaoyan Liang *see* Ruining Li 28775
Xiaoyan Liang *see* Liang Xiaoyan
Xiaoyan Ma *see* Ma Xiaoyan
Xiaoyan Zeng *see* Zeng Xiaoyan
Xiaoyang Zhang *see* Zhang Xiaoyang
Xiaoye Li *see* Lumetta, S. 47399
Xiaoyi Da *see* Da Xiaoyi
Xiaoyi Jiang, Bunke, H. Fast segmentation of range images into planar regions by scan line grouping 45042
Xiaoyin Liang *see* Liang Xiaoyin
Xiaoying Han *see* Han Xiaoying
Xiaoying Huang *see* Huang Xiaoying
Xiaoyun Gao *see* Gao Xiaoyun
Xiaoyun Shen *see* Guoyu Yang 38245
Xiaoyun Yang *see* Yang Xiaoyun
Xiaozheng Hou *see* Hou Xiaozheng
Xiaozhong Dang *see* Dang Xiaozhong
Xibilia, M.G. *see* Carrara, R. 9923
Xichang Liang *see* Liang Xichang
Xide Zhao *see* Tsui, B.M.W. 47070
Xidis, A.L. *see* Atanasoski, R.T. 40448
Xie, B., Hedberg, U., Mecklenberg, M., Danielsson, B. Fast determination for whole blood glucose with calorimetric micro-biosensor 7328
Xie, D.H., Nakhla, M. Delay and crosstalk simulation of high-speed VLSI interconnects with nonlinear terminations 26573
Xie, H., Lee, Y.C. Thermal modeling using fuzzy logic for 1-100 Watt/cm^2 chips 314
Xie, H., Lee, Y.C. Study of an air cooling scheme for 3-D packaging 40950
Xie, H., Merakos, L.F. Rate-based head end controlled bandwidth allocation in undirectional bus metropolitan area networks 22520
Xie, H. *see* Allegretto, W. 19157
Xie, J. *see* Fowler, B. 19671
Xie, J. *see* Mitchell, W.J. 14959
Xie, K., Kim, H.M., Wie, C.R., Varriano, J.A., Wicks, G.W. Interface recombination and threshold current in GRINSCH-QW AlGaAs/GaAs laser diodes 3645
Xie, K., Wie, C.R., Varriano, J.A., Wicks, G.W. Improvement of GaAs/AlGaAs quantum well laser diodes by rapid thermal annealing 35819
Xie, K., Wie, C.R., Wicks, G.W. InP layers grown by molecular beam epitaxy at low substrate temperature 745
Xie, K. *see* Boardman, A.D. 3118
Xie, K. *see* Boardman, A.D. 4239
Xie, L. *see* Li, A. 6035
Xie, M. *see* Kim, K.-J. 43996
Xie, M. *see* Leemans, W.P. 28891
Xie, M. *see* Pellegrini, C. 44002
Xie, M. *see* Sanders, J.W. 19474
Xie, M. *see* Zhao, M. 33431
Xie, P., Rand, S.C. Continuous-wave, fourfold upconversion laser 12071
Xie, Q. *see* Hu, K. 3201
Xie, S. *see* Rochon, P. 20242
Xie, S.S. *see* Gan, Z.Z. *(editor)* 33184
Xie, W., Grillo, D.C., Kobayashi, M., Gunshor, R.L., Jeon, H., Ding, J., Nurmikko, A.V., Hua, G.C., Otsuka, N. The MBE growth of widegap II-VI injection lasers and LEDs 9536
Xie, W. *see* Hua, G.C. 9537
Xie, W.X. *see* Douay, M. 43417

Xie, X.M., Ding, F., Fang, C.Z. Tracking estimation of the time-varying parameters of dynamic systems and its application in power plants 25223
Xie, Y. *see* Kitamura, T. 29523
Xie, Y.-H. *see* Monroe, D. 10704
Xie, Y.-H. *see* Watson, G.P. 711
Xie, Y.H., Don Monroe, Fitzgerald, E.A., Silverman, P.J., Thiel, F.A., Watson, G.P. Very high mobility two-dimensional hole gas in $Si/Ge_xSi_{1-x}/Ge$ structures grown by molecular beam epitaxy 1915
Xie, Y.H. *see* Fitzgerald, E.A. 26440
Xie, Z., Rushforth, C.K., Short, R.T., Moon, T.K. Joint signal detection and parameter estimation in multiuser communications 5192
Xie Bin *see* Bin Xie
Xie Chang-Sheng, Hu Yi-Ming, Pei Xian-Deng Instrument for the on-line measurement of dynamic parameters for hard disk drives 31118
Xie Changde *see* Li Ruining 20689
Xie Changde *see* Changde Xie
Xie Chenggang *see* Chenggang Xie
Xie Chu-Fang *see* Zhang Wen-Jun 31117
Xie Da *see* Li Shijie 21037
Xie Da-Lin *see* Lu Jian-Qin 15496
Xie Dexin, Li Jinbiao, Bai Baodong, Fei Zengyao The separate-region solution of magnetic vector potential in 3-D eddy current analysis 3990
Xie Dong *see* Wang Yunyong 46879
Xie Feng Chao *see* Feng Chao Xie
Xie Huanghai, Zhang Weizai, Zhang Lianying, Fang Zujie A 1.5 μm InGaAsP mode-locked laser emitting ps light pulse 3581
Xie Jialin *see* Huang Yongzhang 2849
Xie Jialin *see* Jialin Xie
Xie Liang-Fu, Zhang Hong-Hai, Li Shang-Ping, Zhu Feng, Chen Ri-Yao, Huang Qi-Kui Measurement and evaluation of the damaged layer on a surface ground at ultra-thin depth 32140
Xie Liang-Fu *see* Li Shang-Ping 46601
Xie Lihua *see* Lihua Xie
Xie Linzhen *see* Shi Qing 14577
Xie Min *see* Min Xie
Xie Ming *see* Ming Xie
Xie Qiaobing *see* Qiaobing Xie
Xie Sheng Luo *see* Sheng Luo Xie
Xie Shizhong *see* Chai Yanjie 28909
Xie Shizhong *see* Shizhong Xie
Xie Tie-Bang, Yao Wen-Ming, Zheng Dong-Lian Indication of cone tolerance and its evaluation of errors 31462
Xie Tie-Bang, Zhao Bin, Zheng Dong-Lian Grating interference technology and its application 31443
Xie Tie-Bang *see* Cao Shu-Wen 31099
Xie Tie-Bang *see* Jiang Xiang-Qian 31444
Xie Tie-Bang *see* Lu Xiao-Dong 31159
Xie Tie-Bang *see* Xiao Shao-Jun 33507
Xie Tie-Bang *see* Yao Wen-Ming 31450
Xie Tu-Qiang, Tang Liang-Jing, Li Zhu Hot metal detectors and crop shear optimization 31309
Xie Xi *see* Liu Guo-Zhi 44254
Xie Xi *see* Liu Guo-Zhi 44255
Xie Xiao-Hua *see* Xiao-Hua Xie
Xie Xiaohua, Luo Limin, Wei Yu Moment-based edge detection in anisotropic image data 13559
Xie Xiaohua, Luo Limin, Wei Yu Moment-based edge detection in anisotropic image data 21921
Xie Xiaohua, Luo Limin, Wei Yu Moment-based three-dimensional image edge detection 45052
Xie Xiaolan *see* Xiaolan Xie
Xie Xiren *see* Hu Guyu 5187
Xie Xiren *see* Li Bin 4369
Xie Ya-Hong *see* Ya-Hong Xie
Xie Yingpu *see* Li Xingyuan 16754
Xie Yuanqing *see* Xie Yuezhen 8029
Xie Yucheng *see* Tan Kexiong 25517
Xie Yuezhen, Xie Yuanqing A 10 kV power line ground fault diagnosis system 8029
Xie Zhi-Yan *see* Zhi-Yan Xie
Xie Zili, Xia Deqian, Chen Hongyi, Zu Zimin Investigation for low Cr-doped SI-GaAs single crystal growth 641
Xie Zong-Ning *see* Yu Jian-Hua 31188
Xiebin Chen *see* Chen Xiebin
Xiefen Yu *see* Yu Xiefen
Xiehe Hu *see* Jian Chu 25935
Xifan Wang Electric power system in China 24787
Xifan Wang *see* Wang Xifan
Xihua Li *see* Li Xihua
Xikun Chen *see* Chen Xikun
Xilin Yi *see* Yi Xilin
Ximao Bao *see* Bao Ximao
Ximen Jiye *see* Jiye Ximen
Xin, J., Murthy, R., Li, X., Bilgutay, N.M. Detection of ultrasonic flaw signals using wavelet transform techniques 9821
Xin, J., Nagasawa, K., Sano, A. Generalized regularization in cumulant-based parameter estimation 4603
Xin, R. *see* Xinzhi, H. 11800
Xin, Y., Boekaerts, P., Bister, M., Taeymans, Y., Cornelis, J. Left ventricular boundary detection in echocardiographical images using artificial neural networks 24207
Xin Chen *see* Chen Xin
Xin Gao, Sasaki, A., Yujin Zheng Stable high-efficiency double-phase-conjugate mirror in a Cu-doped potassium sodium strontium barium niobate crystal 12366
Xin Gao, Sasaki, A., Yujin Zheng Incident beam condition dependence of ratio between two phase-conjugate transmissivities in double-phase-conjugate mirror 36014
Xin Jiang *see* Jiang Xin
Xin Jianguo, Yan Ping, Wei Guanghui Experimental investigation of RF excited all-metal waveguide CO_2 laser 11919
Xin Jin *see* Leung, S.H. 4409
Xin Jin *see* Xiaohui Wang 35285
Xin Mei Wang *see* Yuan Xing Li 44722
Xin Mi *see* Mi Xin
Xin Qiu *see* Argast, J. 36816
Xin Wei *see* Dawei Gong 9531
Xin Xu, Melngailis, J. Quasiperiodic nanostructures in focused ion beam deposited tungsten at high angles of incidence 26509
Xin Yonghe *see* Yonghe Xin
Xin Yu Wu, Hanzhou Chen, Wen Tan, Wai-Kai Chen The improvement of the hardware design of artificial CNN and a fast algorithm of CNN component detector 10357
Xin Zhou *see* Zhou Xin
Xin-Guo Luo *see* Luo Xin-Guo
Xin-Guo Zhao *see* Zhao Xin-Guo
Xin-wan Lee *see* Lee Xin-wan
Xin-Xin Li *see* Li Xin-Xin
Xin-Xiong Liu *see* Liu Xin-Xiong
Xin-Yu Wu, Chen Liu, Wai-Kai Chen A unified method for fast modelling of DC-DC switching converters 9936
Xin-Zhan Liu *see* Liu Xin-Zhan
Xinbang Wang *see* Ge Lan 43711
Xinbang Wang *see* Wang Xinbang
Xinfa Zhang *see* Zhang Xinfa
Xinfan Huang *see* Kunji Chen 12332
Xing, G.C., Ozturk, M.C. Selective deposition of $TiSi_2$ on oxide patterned wafers by RTCVD from $TiCl_4$ and SiH_4 800
Xing, G.C., Ozturk, M.C. Formation of self-aligned $TiSi_2$ contacts to Si at low temperatures using $TiCl_4$ and SiH_4 with selective in-situ predeposition of Si_xGe_{1-x} 10977
Xing, Y. *see* van Brakel, G. 18662
Xing, Y.R., Kiely, C.J., Goodhew, P.J. The structure of GaAs grown by chemical beam epitaxy on low-temperature cleaned silicon 9542
Xing Chen, Hayes, J.F. Access control in multicast packet switching 45277
Xing Kun *see* Zhang Wendong 8538
Xing Li Yuan *see* Yuan Xing Li
Xing Qian *see* Qian Xing
Xing Qijiang, Wang Shumin, Wang Ruopeng, Chen Weixi, Zhang Bei, Zhao Cangsang, Dang Xiaozhong, Yu Lisheng Study of 1.35 μm InGaAsP/InP quantum well structure grown by LPE 18211
Xing Shuiquan *see* Shuiquan Xing
Xing Wang *see* Wang Xing
Xing Wei *see* Qian Cui 34705
Xing Wei *see* Wei Xing
Xing Xiaoliang *see* Xu Dongrong 19224
Xing Xiaoliang *see* Xiaoliang Xing
Xing Zhang *see* Zhang Xing
Xing Zhiwei *see* Huo Yujing 20740
Xing Zhou Zhang *see* Ebihara, Y. 13874
Xing-hai Yiang *see* Yu-xiang Han 6853
Xing-Li Song *see* Song Xing-Li
Xing-Qi Jiang, Kitagawa, G. A time varying coefficient vector AR modeling of nonstationary covariance time series 21734
Xing-Wu Liu *see* Liu Xing-Wu
Xing-Yu Zhao *see* Zhao Xing-Yu
Xing-Zhong Deng *see* Deng Xing-Zhong
Xingbin Zhen *see* Zhen Xingbin
XingBo Yang, Okumura, Y., Endo, I. Thickness dependence of magnetic recording characteristics for C/CoCrTa/Cr thin film media 35231
Xingfa Fu *see* Fu Xingfa
Xinggang Lin *see* Jin Li 30063
Xinggang Lin *see* Xian Wang 30091
Xinghua Feng, Baiya Li, Zhanchun Li Starting parameter study of the taper brake induction motor 40223
Xinghua Zhang *see* Qinghai Miao 398
Xinghui Wu *see* Wu Xinghui
Xingjian Yi *see* Fangqiao Zhou 38500
Xingjiao Li, Jianshe Liu, Yike Zeng, Junwen Liang Low-temperature in situ preparation of ferroelectric $Pb(Zr_{0.55}\ Ti_{0.45})O_3$ thin films by reactive sputtering 811
Xingjiao Li *see* Li Xingjiao
Xingjie Fan, Younan, N.H. On a data smoothing technique using wavelet truncation 44905
Xingli Tang *see* Shuheng Bian 43748
Xingliang, H., Xiaoming, F., Wei, L., Xuechu, S., Yanjin, L., Shixin, Y., Xiaochuan, Z. Study of characteristics of GaAs/AlGaAs multiple quantum well infrared detector 15034
Xingliang Huang *see* Huang Xingliang
Xinglong Wang *see* Wang Xinglong
Xinglong Yu *see* Yu Xinglong
Xingping, C. *see* Hu, G. 36952
Xingping He *see* He Xingping
Xingqin Liu *see* Liu Xingqin
Xingren Wang *see* Jian Sun 8540
Xingrong Zhao *see* Fangqiao Zhou 31231
Xingrong Zhao *see* Fangqiao Zhou 38500
Xingshi Zheng *see* Zheng Xingshi
Xinguang Weng *see* Weng Xinguang
Xingwang Ma *see* Ma Xingwang
Xingyi Zhang *see* Zhengfu Han 42547
Xingyuan Li *see* Li Xingyuan
Xinhong Qiu *see* Wenhui Cen 7996
Xinhua Qin *see* Ladd, J. 46130
Xinhua Zhuang Decomposition of morphological structuring elements 29987
Xinhua Zhuang, Yan Huang, Yu, F.A., Peng Zhang A neural net algorithm for multidimensional minimum relative-entropy spectral analysis 45019
Xinhua Zhuang *see* Tao Wang 13714
Xining Wan *see* Wan Xining
Xinjian Yi *see* Fangqiao Zhou 31231
Xinli Hou *see* Heijenk, G.J. 37270
Xinmei Wang *see* Wang Xinmei
Xinmin Xu *see* Xu Xinmin
Xinmin Zhang *see* Zhang Xinmin
Xinming Lin *see* Lin Xinming
Xinping He *see* He Xinping
Xinshen Wang *see* Wang Xinshen
Xinsheng Liu *see* Liu Xinsheng
Xinsheng Wang *see* Wang Xinsheng
Xinwei, Y., Minegishi, S., Haga, A., Sato, R. Basic study on a measurement method of transient voltage travelling along power line systems consisting of two overhead lines 24986
Xinyu Xiang *see* Xiang Xinyu
Xinzhang Jia *see* Jia Xinzhang
Xinzhang Wu *see* Wu Xinzhang
Xinzhi, H., Aihong, Z., Xin, R. Discussion on the MODIS-N scan mode 11800
Xinzi Tao *see* Tao Xinzi
Xioaguang Ma *see* Liangzheng Xia 21930
Xiolan Cao *see* Demesmaeker, E. 8748
Xiolan Cao *see* Luque, A. 8747
Xiolan Cao *see* Morales-Acevedo, A. 8749
Xiong, G.C., Lian, G.J., Li, J., Li, Y.J., Gan, Z.Z., Zang, Q.-S., Luo, Z.X., Lu, J., Ren, X.Y., Wang, S.G., Jiang, H.M., Lin, G.T. Properties and some applications of epitaxial $YBa_2Cu_3O_7$ thin films prepared by pulsed laser ablation 35257
Xiong, G.C., Zhu, X., Lian, G.J., Li, J., Li, Y.J., Gan, Z.Z., Shao, K., Guo, H.Z., Jing, D. Superconducting $YBa_2Cu_3O_7$ thin films on $MgLaAl_{11}O_{19}$ prepared by pulsed laser ablation 33618
Xiong, G.C. *see* Qishao Zhang 34221
Xiong, N. *see* Ousten, Y. 10571
Xiong, W. *see* Sobolewski, R. 28398
Xiong, W.Z., Swietlik, C. Parallelizing the track-target model for the MIMD machine 24570
Xiong, X.-M. *see* Carragher, R.J. 19937
Xiong, Y., Petit, G., Bruneel, H. Performance study of an ATM self-routing multistage switch with bursty traffic: simulation and analytic approximation 5146
Xiong, Y., Steyaert, B. Performance analysis of an ATM switching node with three-state Markovian traffic generators and random spacing 45281
Xiong, Y. *see* Apostolakis, G. 39772
Xiong, Y. *see* Steyaert, B. 5168
Xiong Cai Sui *see* Sui Xiong Cai
Xiong Chenkun *see* Zhang Zhudan 1510
Xiong Feike *see* Wang Qiming 43819
Xiong Feike *see* Zhu Longde 18291
Xiong Fulin *see* Fulin Xiong
Xiong Gang Long-term forecasting of electric power demand using grey theory 39554
Xiong Gang *see* Chen Zhangchao 24866
Xiong Hua, Liao Xianbo, Zheng Huaide, Li Haifeng, Diao Hongwei On anomalous illuminated J-V characteristics of a-Si:H solar cells 33021
Xiong Jian Liang *see* Ting-Jie Luee 13881
Xiong Maoren *see* Maoren Xiong
Xiong Yang Bing *see* Bing Xiong Yang
Xiong Yingen *see* Yingen Xiong
Xiong Yongzhong *see* Wen Junding 10410
Xiong You-Lun Parameter optimization of robot's multidimensional force sensors 38446
Xiong Yuanxin (p+q)-port gyrator and its group character 34151
Xiong-Jun Li *see* Li Xiong-Jun
Xiongyan Tang, Peida Ye Optimal fiber dispersion and maximum transmission capacity of a soliton communication system with lumped amplifiers 3015
Xiongyan Tang, Peida Ye Effects of initial chirp of control pulse on soliton-dragging logic gates 11780
Xiongyan Tang, Ruomei Mu, Peida Ye Analysis of soliton collisions in wavelength division multiplexing systems with lumped amplifiers and frequency-guiding filters 30708
Xiping Wang, Panchanathan, S. Wavelet transform coding using NIVQ 30083
Xiqing Sun *see* Sun Xiqing
Xiren Xie *see* Xie Xiren
Xishan Li *see* Li Xishan
Xisheng Han *see* Jian Sun 8540
Xisheng Zhang *see* Zhang Xisheng
Xiu, L., Dong, L., Ohnuma, S., Meitzler, C.R. A new design of helical electrostatic quadrupole and its quasi-octupole mode of operation 15409

Xiu-Mei Wen *see* Wen Xiu-Mei
Xiu-Ping Zhuang, Koshiba, M. Analysis of nonreciprocal phase characteristics of magneto-optic channel waveguides using finite-element method 35423
Xiu-Zhen Jiang *see* Jiang Xiu-Zhen
Xiu-Zhen Jiao *see* Jiao Xiu-Zhen
Xiu-Zhen Zhang *see* Zhang Xiu-Zhen
Xiudong Song *see* Jihong Geng 28729
Xiudong Song *see* Song Xiudong
Xiufeng Zhang *see* Zhang Xiufeng
Xiuhua Chen, Yiyu Zhao, Weiping Zhou, Li Zhou A capacitive consolidation circuit [for MHD generators] 25841
Xiuhua Chen *see* Yiyu Zhao 25838
Xiuhua Hong *see* Hong Xiuhua
Xiuli Chao A priority tandem queue with no intermediate buffer 41043
Xiuling Lu *see* Lu Xiuling
Xiumiao Zhang *see* Koubao Ding 10642
Xiumiao Zhang *see* Zhang Xiumiao
Xiuqin Lu *see* Lu Xiuqin
Xiuqiong Li *see* Li Xiuqiong
Xiurong Zhang *see* Zhang Xiurong
Xiuying, G. *see* Yamada, T. 1849
Xiuying Gong *see* Suzuki, I. 34588
Xiuying Gong *see* Gong Xiuying
Xiuzhen Guo *see* Guo Xiuzhen
Xiwen Wei *see* Wei Xiwen
Xixian Chen, Weiping Li Full-duplex fast initializing digital subscriber loop echo cancellers 45684
Xixian Yao *see* Xiaohui Wang 35285
Xixiang Ding *see* Ding Xixiang
Xixing Hua *see* Hua Xixing
Xiying Hu, Lambert, J.F., Pitsillides, A. Dynamic feedback flow control for solving congestion problems in ATM networks 37099
Xizhi Li, Xiangqing Shi, Li Wang, Shuqin Li, Yizhi Qi, Bingchuan Yang, Xiaoping Wang, Dongqi Shi A small-area high-T_c superconducting bolometer with Y-Ba-Cu-O thin film 31240
Xizhong Zhang *see* Zhang Xizhong
Xizhuo Jin *see* Jin Xizhuo
Xu, B., Holdcroft, S. Structural basis for luminescence from poly(3-alkylthiophenes) 35568
Xu, B. *see* Solomonson, N. 31208
Xu, C., Becker, M.W., Wu, B., Dalton, L.R., Shi, Y., Ranon, P.M., Steier, W.H. Techniques for ultrastructure synthesis: Stabilization of large second order optical nonlinearities of poled polymers 44070
Xu, C. *see* Steier, W.H. 43481
Xu, C.J. *see* Wang, S.L. 42254
Xu, C.L. *see* Huang, W.P. 21310
Xu, C.L. *see* Huang, W.P. 35438
Xu, C.Q., Okayama, H., Kawahara, M. 1.5 μm band efficient broadband wavelength conversion by difference frequency generation in a periodically domain-inverted $LiNbO_3$ channel waveguide 36004
Xu, C.Q., Okayama, H., Shinozaki, K., Watanabe, K., Kawahara, M. Wavelength conversions $\sim$ 1.5 μm by difference frequency generation in periodically domain-inverted $LiNbO_3$ channel waveguides 3782
Xu, D. *see* Liu, M.G. 28424
Xu, F. *see* Aprile, E. 31717
Xu, F. *see* Aprile, E. 46900
Xu, F. *see* Ford, J. 28546
Xu, F. *see* Ishiyama, H. 15698
Xu, G., Cho, Y., Paulraj, A., Kailath, T. Maximum likelihood detection of co-channel communication signals via exploitation of spatial diversity 29616
Xu, G. *see* Caussyn, D.D. 7026
Xu, G. *see* Liao Jianghong 20939
Xu, G.Y. *see* Chen, G.P. 32220
Xu, H. *see* Ammons, J.C. 1728
Xu, H.J. *see* Tanabe, T. 7062
Xu, J. Analysis of newly designed phased array birefringent acousto-optic devices 11715
Xu, J. A novel two-grid method for semilinear elliptic equations 41217
Xu, J., Aoki, Y., Zheng, Z. A method for synthesizing animation to transmit sign language by intelligent communication 7489
Xu, J., Garton, A. The chemical composition of water trees in EPR cable insulation 43214
Xu, J., Grotzbach, M. Time-domain analysis of half-wave zero-current switch quasi-resonant converters by using SPICE 25522
Xu, J., Niemann, H. Generating 3D models of polyhedral objects from multiple views 13699
Xu, J., Qin, J. Some remarks on a multigrid preconditioner 41164
Xu, J., Raissanen, A.V. Whisker embedding impedance for millimeter wave diode circuits 1524
Xu, J., Tao, Y. Feynman diagram analysis of nonlinear response in Bragg cells 11714
Xu, J. *see* Atkinson, R. 28385
Xu, J. *see* Grotzbach, M. 16978
Xu, J. *see* Grotzbach, M. 40335
Xu, J. *see* Handel, P.H. 28113
Xu, J. *see* Steckl, A.J. 11830
Xu, J.B. *see* Hsu, C.C. 41359
Xu, J.D. Scattering characteristics of the anisotropic & lossy obstacle in waveguide studied by a new numerical method 4237
Xu, J.G. *see* Ni, H.L. 15679
Xu, J.H., Saadate, S., Davat, B. Compensation of AC-DC converter input current harmonics using a voltage-source active power filter 16999
Xu, J.M. *see* Hu, J. 42879
Xu, J.M. *see* Minier, V. 4227
Xu, J.M. *see* Tan, G.-L. 3681
Xu, L. *see* Tang, Y. 25297
Xu, L.Q. *see* Hall, T.J. 11905
Xu, M.G. *see* Dakin, J.P. 46478
Xu, M.L. *see* Qiu, J.E. 6827
Xu, M.Q. *see* Turner, S.J. 30583
Xu, N.S. *see* Latham, R.V. 28296
Xu, S., Capson, D.W. Image-based passive acquisition of 3D surface data 23466
Xu, S., Crilly, P.B. Application of neural networks on color error reductions in television receivers 14773
Xu, S. *see* Ma, Z. 21303
Xu, S.F. *see* Lu, H.B. 33716
Xu, W., Willander, M. Limit of normal incident absorption in quantum well detectors 46435
Xu, W. *see* Goel, A.K. 19896
Xu, W.W. *see* Wang, H.B. 34245
Xu, X., Ishizuka, M. An efficient data-path synthesis based on algorithmic description under the constraints of time and area 1171
Xu, X., Misra, V., Harris, G.S., Spanos, L., Ozturk, M.C., Wortman, J.J., Maher, D.M., Irene, E.A. Characterization of oxygen-doped and non-oxygen-doped polysilicon films prepared by rapid thermal chemical vapor deposition 835
Xu, X., Yang, J., Guha, S. Thermal annealing recovery and saturation of light-induced degradation of amorphous silicon alloy solar cells with different microvoid density 48142
Xu, X. *see* Fan, C. 5602
Xu, X. *see* Grigoropoulos, C.P. 19547
Xu, X. *see* Jones, S.J. 33051
Xu, X. *see* Rubio, A. 34007
Xu, X.-L., McLarty, P.K., Brush, H., Misra, V., Wortman, J.J., Harris, G.S. Characterization of thin silicon oxynitride films prepared by low pressure rapid thermal chemical vapor deposition 9704
Xu, X.-L., Misra, V., Ozturk, M.C., Wortman, J.J., Harris, G.S., Maher, D.M., Spanos, L., Irene, E.A. Effects of oxygen doping on properties of microcrystalline silicon film grown using rapid thermal chemical vapor deposition 9724
Xu, X.-L. *see* Hattangady, S. 2174
Xu, X.-L. *see* Hattangady, S. 27690
Xu, X.-L. *see* McLarty, P.K. 26499
Xu, X.L. *see* McLarty, P.K. 834
Xu, Y. Theoretical study and computer simulations of submicron linewidth measurement using optical phase-shifting interferometry 6777
Xu, Y., Ai, C. New realistic 3D surface microtopography visualization technique 23895
Xu, Y., Bosisio, R., Bonincontro, A., Pedone, F., Mariutti, G.F. On the measurement of microwave permittivity of biological samples using needle-type coaxial probes 15167
Xu, Y. *see* Chen, B. 8428
Xu, Y. *see* Ghannouchi, F.M. 42155
Xu, Y. *see* Lu, J. 13666
Xu, Y. *see* Messerle, H.K. 25790
Xu, Y.-P., Huang, R.-S., Rigby, G.A. A silicon-diode-based infrared thermal detector array 6490
Xu, Y.B. *see* Wang, S.L. 42254
Xu, Y.Z. *see* Shih, W.C. 34833
Xu, Z., Mochizuki, T., Tanaka, Y., Hanamoto, T. A design method of AC/DC thyristor converter current control systems by using discrete-time MRAC with deterministic disturbances 17014
Xu, Z., Zou, X., Zhou, X., Zhao, B., Wang, C., Hamakawa, Y. The optimum design for high efficiency a-Si/a-Si/a-SiGe tandem solar cells 17391
Xu, Z. *see* Chu, D.Y. 43913
Xu, Z.Z., Fan, P.Z., Lin, L.H., Li, Y.L., Wang, X.F., Li, R.X., Lu, P.X., Han, S.S., Sun, L., Qian, A.D., Zhang, Z.Q., Zhou, J.Z. Short-wavelength soft-X-ray amplification in a lithium-like calcium plasma 35688
Xu Anshi *see* Shi Qing 14577
Xu Bao-Min *see* Bao-Min Xu
Xu Baoxi, Gao Yizhi, Li Yanhe, Zhou Bingkun Generation of 1.5 μm high-repetition-rate ultrashort optical pulses 20886
Xu Bingchun *see* Feng Zhenghe 6749
Xu Bingyan *see* Li Shengtao 10521
Xu BingZhen *see* Zhan Jian 1326
Xu Bingzheng *see* Li Haizhou 21644
Xu Biwen *see* Biwen Xu
Xu Chao *see* Chao Xu
Xu Chao-Nan *see* Chao-Nan Xu
Xu Cheng Lu *see* Ru Tong Hong 5040
Xu Chenghuang *see* Wu Jihuai 12044
Xu Chenghuang *see* Wu Jihuai 12087
Xu Chenglin *see* Chenglin Xu
Xu De *see* Mbi Makungu 5499
Xu De-ming *see* Lee Xin-wan 27147
Xu Demin *see* Ren Zhang 9196
Xu Dong *see* Hou Wenbo 9501
Xu Dong *see* Zhang Nan 12320
Xu Dongrong, Xing Xiaoliang An automatic inspection model using higher-order neural networks 19224
Xu Feng *see* Feng Xu
Xu Fengzhang *see* Jiang Yinzhong 41007
Xu Gang *see* Gang Xu
Xu Gu *see* Gu Xu
Xu Guanfeng *see* Li Ruining 20689
Xu Guanfeng *see* Wu Ruifen 12317
Xu Guanfeng *see* Guanfeng Xu
Xu Guanghan *see* Guanghan Xu
Xu Guangyou *see* Guangyou Xu
Xu Guangzhao *see* Guangzhao Xu
Xu Guo-Qing, Zhao Nai-Liang, Chen Yong-Xiao An optimization method for electrical machines 40112
Xu Guozheng *see* Zhang Jierong 17123
Xu Haishui, Li Xianji, Nau, R.W. Performance of multicast communication on hypercubes 5180
Xu Hao *see* Wu Ruifen 12317
Xu Hongyuan *see* Tang Guoqing 24836
Xu Hongyuan *see* Hongyuan Xu
Xu Huanen *see* Li Zhongwei 6271
Xu Ji-Fang *see* Zhou Yao-Dong 47797
Xu Jiadong *see* Jiadong Xu
Xu Jian *see* Jian Xu
Xu Jianbo *see* Mao Yu 10634
Xu Jiande, Lu Yiqun A new scheme of sampling synchronization and communication for digital current differential relay 7986
Xu Jianming *see* Jianming Xu
Xu Jiannan *see* Chen Guangju 38375
Xu Jiasheng *see* Luo Wenzhe 18574
Xu Jiasheng *see* Ma Huainan 28094
Xu Jiasheng *see* Wang Yueming 26773
Xu Jiasheng *see* Wang Yueming 46097
Xu Jie *see* Jie Xu
Xu Jieping *see* Jieping Xu
Xu Jing *see* Jing Xu
Xu Jun, Wu Guangzhao, Ma Xiaoshan, Shen Yafang, Zhang Xinmin Growth of large-sized and high-quality $BaTiO_3$ crystals by a novel gradient transport technique 18125
Xu Jun, Wu Guangzhao, Shen Yafang, Zhang Xinmin, Zhang Xiurong, Gu Shaoting Diode pumping of $La_xNd_{1-x}MgAl_{11}O_{19}$ lasers 20722
Xu Jun, Yuan Yi-Bao, Ding Zhen-Liang, Li Hua, Chen Zhong High accuracy measurement of dimensional mini-changes of large-size components with laser interferometry 31461
Xu Jun *see* Ding Zhen-Liang 31415
Xu Jun *see* Hongpu Li 3278
Xu Jun *see* Liu Xiaodong 18129
Xu Jun *see* Yuan Feng 31436
Xu Jun *see* Yuan Yi-Bao 31498
Xu Jun *see* Jun Xu
XU Junshan *see* Junshan XU
Xu Junying *see* Qian Yi 19377
Xu Junying *see* Shen Xiaohua 20669
Xu Junying *see* Yang Guowen 20815
Xu Lei *see* Lei Xu
Xu Li, Tsien Peihsin, Li Zhijian Defect behavior in ion-implanted silicon by rapid thermal annealing 27649
Xu Li *see* Wu Guoying 27790
Xu Liang *see* Liang Xu
Xu Liu *see* Ting Mei 31292
Xu Lixin, Wang Bohan Correlation-Prony algorithm—estimation of model parameters of complex oscillating signals 25599
Xu Mai *see* Zheng Jie 29000
Xu Meigen *see* Chen Pusheng 1958
Xu Mengxia Lossless coding for the original data of multi-spectral scanner (MSS) satellite remote sensing pictures 15974
Xu Mingde *see* Mingde Xu
Xu Mingzhen *see* Mingzhen Xu
Xu Nai Ying *see* Zhang You Kun 14590
Xu Qiang-Hua *see* Qiang-Hua Xu
Xu Qihua, Zhao Guang, Wang Fubao 2D topology-finite-element analysis of a infra-red photodiode under uniform illumination 3332
Xu Shang-Ping *see* Liu Ai-Qin 5026
Xu Shanjia, Wu Xinzhang, Boege, P., Schafer, H., Becker, C.R., Geick, R. Scattering characteristics of 3-D discontinuity consisting of semiconductor sample filled in waveguide with gaps 4224
Xu Shanjia, Yin Lujun Analysis and design of broadband groove guide directional couplers 1420
Xu Shaofan *see* Shaofan Xu
Xu Shaoqing *see* Shaoqing Xu
Xu Shi-Zhang *see* Cheng Xiao-Hua 40204
Xu Shijie, Jiang Desheng, Zhang Yauhui, Luo Changping, Luo Jinsheng Photovoltaic spectra of an asymmetric coupled quantum well P-I-N structure 11821
Xu Shizhang A self-starting two-speed synchronous generator-motor for pumped-storage power station, pt. I—concept 47807
Xu Shizhang *see* Zhou Libing 47854
Xu Shouyi, Qi Ronggang, Yu Donggang, Wang Chengxun Application of computer vision control system to the second winder of kinescope filament 6212
Xu Shu-Fang *see* Shu-Fang Xu
Xu Songyuan *see* Songyuan Xu
Xu Songzu *see* Yu Changtai 11011
Xu Su *see* Su Xu
Xu Wan *see* Wan Xu
Xu Wei *see* Xu Zeng-Pu 31187
Xu Wendong *see* Liu Xingyun 15106
Xu Wenli *see* Wenli Xu

Xu Wenxin *see* Wenxin Xu
Xu Xiaoming *see* Cheng Weiying 42263
Xu Xin *see* Xin Xu
Xu Xinmin *see* Han Shubin 17128
Xu Xue-Lin Penalty function model on the automatic testing of form errors 38691
Xu Xuewu, Liao Jingying, Shen Bingfu, Chen Xianqiu, He Chongfan Polar habits of the $Bi_{12}SiO_{20}$ crystals grown by the Czochralski method 18133
Xu Xuewu, Liao Jingying, Shen Bingfu, Shao Peifa, Chen Xianqiu, He Chongfan $Bi_{12}SiO_{20}$ single crystal growth by the Bridgman method 18117
Xu Yan *see* Yan Xu
Xu Yaonian *see* Lan Jixiang 25820
Xu Yi-Bin *see* Yi-Bin Xu
Xu Yiqian *see* Cai Ningsheng 25306
Xu Yiqian *see* Su Shi 25792
Xu Yizhuang *see* Zhang Jian 11920
Xu Yizhuang *see* Zhang Jian 12285
Xu Yizhuang *see* Yizhuang Xu
Xu Yong *see* Yong Xu
Xu Yuchan *see* Li Huifeng 15170
Xu Yunying *see* Yang Guowen 20888
Xu Zeng-Pu, Yu De-Min, Miao De-Hua, Tian Lin-Lin, Xu Wei, Kong De-Yin Intelligent triaxial forces sensor used for the feet of a robot 31187
Xu Zhaoyong *see* Zhaoyong Xu
Xu Zhen-Gao, Yang Shu-Nian, Li Zhu Automatic calibration and correction for intelligent measuring instruments 23457
Xu Zhengquan *see* Wu Yongjian 21300
Xu Zhengwei, Wu Chengke Recognition of planar polygons in space based on perspective projection invariances 13557
Xu Zhi-zhang *see* Zhi-zhang Xu
Xu Zhigao *see* Lu Jianhong 25187
Xu Zhiqing *see* Wang Yunyong 46879
Xu Zhixiang *see* Zhixiang Xu
Xu Zhizhan *see* Shen Baifei 20608
Xu Zhizhan *see* Zhizhan Xu
Xu Zhongyang *see* Zhongyang Xu
Xu Zizong *see* Chen Hongfang 15624
Xu Zizong *see* Wang Zhaomin 7262
Xu Zuntu *see* Qian Yi 19377
Xu Zuntu *see* Shen Xiaohua 20669
Xu Zuntu *see* Yang Guowen 20815
Xu Zuntu *see* Yang Guowen 20888
Xu-Bin Qin *see* Qin Xu-Bin
Xu-Qiang Shen, Kishimoto, D., Nishinaga, T. Arsenic pressure dependence of surface diffusion of Ga on nonplanar GaAs substrates 26443
Xuan, N.P. *see* Er-rhaimini, S. 22039
Xuan, Y. *see* Fikart, J. 1599
Xuan, Y. *see* Fikart, J. 27296
Xuan Dong The study and implementation of MS in MHS 37399
Xuan Guorong *see* Yao Jianchao 13708
Xuan Huy Pham, Betts, R. Congestion control for intelligent networks 30549
Xuan Kong A new adaptive time delay estimation algorithm 36667
Xuan Yongnan *see* Yongnan Xuan
Xuansan Cai *see* Cai Xuansan
Xuanying Lin, Hong Wang, Kuixun Lin, Yunpeng Yu, Shiliu Fu Light-induced changes in the photoconductivity of rapidly-deposited hydrogenated amorphous silicon films 27472
Xubang Shen *see* Shen Xubang
Xudong Song, Lin Yin, Yrjo Neuvo Image sequence coding using adaptive weighted median prediction 13818
Xudong Song, Neuvo, Y. Robust edge detector based on morphological filters 5102
Xudong Song, Neuvo, Y. Image compression using nonlinear pyramid vector quantization 45133
Xue, G. *see* Lee, N.-E. 34502
Xue, G. *see* Lin, M.E. 767
Xue, H., Nix, A., Beach, M., Li, M., McGeehan, J., Wilkinson, T., Johnson, I., Barton, S. Air interface considerations for wireless LANs 14258
Xue, H. *see* El-Genk, M.S. 32046
Xue, H. *see* Mu Li 22562
Xue, K.H., Yang, H., Zhou, Y.M., Li, G., Skotheim, T.A., Lee, H.S., Yang, X.Q., McBreen, J. A study of the Zn/V_6O_{13} secondary pottery 25638
Xue, P. *see* Evans, J.B. 4613
Xue, Q. *see* Coleman, R.V. 15656
Xue, Q. *see* Hu, Y.H. 7432
Xue, S.Q., Zhang, J., Lin, H., Yang, X.M. Investigation of TlBaCaCuO RF-SQUID 35279
Xue, W. *see* Collings, N. 11765
Xue, Y., Pavella, M. Critical-cluster identification in transient stability studies [of power systems] 7728
Xue, Y.L., Chu, P.L., Weiping Zhang Resonance-enhanced refractive index and its dynamics in rare-earth-doped fibers 2951
Xue, Y.L. *see* Chu, P.L. 12396
Xue Caiguang *see* Li Jinhua 27590
Xue Chen Bao *see* Bao Xue Chen
Xue Cuiling *see* Ma Hongda 25751
Xue Jing *see* Huo Yujing 20671
Xue Jinshong *see* Jinshong Xue
Xue Jue *see* Jue Xue
Xue Lianjing *see* Wang Shaoqing 10436
Xue Qiang *see* Shen Xiaohua 20669
Xue Shi-Fu *see* Gao Hong 38682
Xue Tianxiong *see* Tianxiong Xue
Xue Tianzhu Test and research of monocular double-wave band IR tracking system 16095
Xue Yusheng A theoretical proof of DEEAC [power system transient stability] 24633
Xue Zeng-Quan *see* Wu Jin-Lei 10609
Xue-Jiao Jin *see* Jin Xue-Jiao
Xue-jin Liang *see* Liang Xue-jin
Xue-Li Luo *see* Li Cao 12034
Xue-Lin Xu *see* Xu Xue-Lin
Xue-Lun Wang *see* Sasaki, A. 43625
Xue-Mei Wang *see* Wang Xue-Mei
Xue-Neng Zhang *see* Zhang Xue-Neng
Xue-Ping Wang *see* Wang Xue-Ping
Xue-Qin Tian *see* Xiao-Hua Xie 5000
Xue-Sen Wang, Weinberg, W.H. Structural model of sulfur on GaAs(100) 34763
Xue-Yu Qian *see* Hyungcheol Shin 2107
Xue-Zeng Zhao *see* Zhao Xue-Zeng
Xuechang Yang *see* Yang Xuechang
Xuecheng Zou *see* Zhongyang Xu 25705
Xuechu, S. *see* Xingliang, H. 15034
Xuechu Shen *see* Shen Xuechu
Xuedao Gu *see* Vaman, D.R. 45694
Xuedong Huang *see* Mei-Yuh Hwang 44758
Xuefeng, L., Dexiu, H., Zaiguang, L. Study on output-coupling structure used in a semiconductor laser amplifier 20814
Xuefeng, Y., Zongshu, S., Xiaodong, M., Qiang, S., Jie, Z., Yongyuan, S., Huanchu, C. Optical oscillation inside photorefractive crystal and optical limiter 11555
Xuefeng Fang, Starzyk, J. VLSI design of a neural network based image processor 42118
Xuefeng Liu *see* Goodwin-Johansson, S. 42384
Xuefeng Yu *see* Yu Xuefeng
Xuefeng Yue, Qingcai Guan, Xiaodong Mu, Jiyang Wang, Zongshu Shao Self-pumped phase conjugation with high reflectivity by stimulated forward- and backward-scattering tetragonal potassium tantalate niobate crystal 44131
Xuefeng Yue, Zongshu Shao, Jun Chen, Yongyuan Song, Huanchu Chen Theoretical investigation of photorefractive ring passive phase-conjugate mirror in the presence of asymmetric transmission 44053
Xuefeng Yue *see* Jingqian Wei 44092
Xuefeng Yue *see* Yue Xuefeng
Xuefeng Zhang *see* Shimin Wang 25809
Xuegang Zeng *see* Zeng Xuegang
Xueguang Qiao *see* Jintao Bai 28782
Xuehua Chen *see* Chengsheng Zhang 47866
Xuejia Lai, Ruepped, R.A., Woolven, J. A fast cryptographic checksum algorithm based on stream ciphers 12959
Xuejun Zhang *see* Liren Liu 20469
Xuekun Lu *see* Qian Cui 34705
Xueli Sun *see* Sun Xueli
Xuemei Wang *see* Wang Xuemei
Xuemei Zhou *see* Zhongyang Xu 25705
Xuemin Chen, Reed, I.S., Truong, T.K. A performance comparison of the binary quadratic residue codes with the 1/2-rate convolutional codes 44703
Xuepu Wu *see* Wu Xuepu
Xueqin Li *see* Cheng, H.D. 30088
Xueqin Li *see* Zhiwei Zhao 29945
Xueqin Shen *see* Shen Xueqin
Xueqing Li *see* Li Xueqing
Xueren Du *see* Du Xueren
Xueru Zhang *see* Shifu Yuan 26165
Xueru Zhang *see* Shifu Yuan 43594
Xuesheng Chen, Di Bartolo, B. Temperature dependence of spectral linewidths and lineshifts of Nd^{3+} ions in $CaY_2Mg_2Ge_3O_{12}$ laser crystal 35754
Xuesong Zhang *see* Zitter, R.N. 19727
Xuewu Xu *see* Xu Xuewu
Xueyuan Zhang *see* Zhang Xueyuan
Xuezhong Liu *see* Liu Xuezhong
Xuezhong Wang *see* Wang Xuezhong
Xuhang Chi *see* Chi Xuhang
Xuming Wang *see* Wang Xuming
Xun Wang *see* He, Z.Q. 18206
Xun Wang *see* Jian Wang 28661
Xun Wang *see* Li, G.G. 31818
Xun Wang *see* Qian Cui 34705
Xun Wang *see* Wang Xun
Xun-Xian Xiang *see* Xiang Xun-Xian
Xunwei Fu *see* Fu Xunwei
Xunwei Wu *see* Wu Xunwei
Xuping Zhou, Oka, I., Fujiwara, C. Simulation results of time spread PPM/CDMA system 45750
Xutang Tao *see* Tao Xutang
Xydeas, C.S., So, K.K.M. A long history quantization approach to low bit rate speech coding 13146
Xypteras, J. *see* Hatziathanassiou, V. 25442
Xyroutsikos, S. *see* Adam, W. 7259
Xyroutsikos, S. *see* Adam, W. 31715
y Anton, J.L.de Miguel *see* de Miguel y Anton, J.L.
Y. Tan Teh *see* Teh Y. Tan
Ya-Fei Huang, Sheng-Li Lai Regular solution of shielded planar transmission lines 36327
Ya-Hong Xie *see* Watson, G.P. 18222
Ya-Hsiang Tai *see* Huang-Chung Cheng 2528
Ya-Jun Fan *see* Fan Ya-Jun
Ya-Min Lee *see* Jiun-Tsuen Lai 19910
Ya-Ming Sun *see* Guo-Zhong Zhou 32232
Ya-Qin Zhang, Pickholtz, R.L., Loew, M.H. Rate-distortion bound for a class of non-Gaussian sources with memory 36460
Ya-Qin Zhang, Xiaobing Lee Performance of MPEG codecs in the presence of errors 36845
Ya-Qin Zhang *see* Xiaobing Lee 29965
Ya-Wei Wang *see* Ying-Dong Liu 31433
Yabe, H. *see* Aya, S. 11096
Yabe, H. *see* Marumoto, K. 27856
Yabe, H. *see* Trube, J. 27992
Yabe, T., Ito, T., Okazaki, M. Holography machine HORN-1 for computer-aided retrieval of virtual three-dimensional image 3916
Yabe, T. *see* Wang, P.Y. 12514
Yabe, Y., Saito, H., Yoshihara, T., Kasahara, S., Mochizuki, A., Narusawa, T. A 1M-pixel full-color projection display using nematic-cholesteric phase-transition liquid crystals 31357
Yabiku, G.K. *see* Nayak, D.K. 19839
Yabiku, I. *see* Torizuka, K. 35708
Yabiku, N. *see* Aikawa, N. 27067
Yablokov, B. *see* Agafonov, A. 46721
Yablonovitch, E. *see* Ersen, A. 3390
Yablonovitch, E. *see* Ersen, A. 11891
Yablonovitch, E. *see* Schnitzer, I. 11862
Yablonovitch, E. *see* Schnitzer, I. 20563
Yabo Li *see* Langer, D.W. 9736
Yabre, G. *see* Le Bihan, J. 3604
Yabuki, H., Endo, H., Sagawa, M., Makimoto, M. Hairpin-shaped stripline split-ring resonators and their applications 10417
Yabuki, M. *see* Okada, T.K. 18237
Yabuki, S. *see* Hirai, M. 36125
Yabune, T. *see* Kikuyama, H. 42699
Yabusaki, M. Channel reassignment in TDMA systems: single-carrier transmitting, multiple-carrier hop receiving 5191
Yabuta, T. *see* Aoshima, S. 28321
Yabuta, T. *see* Yoshizawa, N. 45065
Yabuzaki, T. *see* Tanaka, U. 3716
Yabzhanov, V. *see* Akopyan, M. 15528
Yabzhanov, V. *see* Gorbunov, V. 15321
Yacamini, R. *see* Hu, L. 7839
Yaccarino, R. *see* Rahmat-Samii, Y. 21385
Yaccarino, R.G., Rahmat-Samii, Y., Williams, L.I. The bi-polar planar near-field measurement technique, part II: near-field to far-field transformation and holographic imaging methods 44571
Yaccarino, R.G. *see* Williams, L.I. 44570
Yachi, T. *see* Yamashita, N. 33875
Yachida, A.M. *see* Tsudo, A. 13488
Yachida, M. *see* Yagi, Y. 16078
Yachyang Sun, Kok-Hoo Yeap Edge covering of complex triangles in rectangular dual floorplanning 33812
Yacobi, Y. *see* Beller, M.J. 37363
Yacoub, G.Y., Soni, T., Ku, W.H. Optimization of layered self-timed interfaces 27026
Yacoub, M.D. *see* Leonardo, E.J. 22877
Yada, H., Hayashi, N., Yamakoshi, T. A novel digital signal processing bit synchronizer for a PRML recording channel 2844
Yadlowsky, M.J., Mickelson, A.R. Distributed loss and mode coupling and their effect on time-dependent propagation in multimode fibers 20314
Yadlowsky, M.J. *see* Hjelme, D.R. 19125
Yadlowsky, M.J. *see* Shao Yang 11603
Yadong Qiu *see* Qiu Yadong
Yadukumar, K. *see* Nandakumar, V.N. 16729
Yadvish, R.D. *see* Feygenson, A. 10475
Yadvish, R.D. *see* Temkin, H. 3591
Yafang Liu *see* Liu Yafang
Yafang Shen *see* Shen Yafang
Yafarov, R.K. *see* Ignat'ev, S.A. 27669
Yafei Huang *see* Huang Yafei
Yafei Wang *see* Huaying Wang 12027
Yafei Wang *see* Wang Yafei
Yaffe, H.H., Henry, C.H., Kazarinov, R.F., Milbrodt, M.A. Polarization-independent silica-on-silicon Mach-Zehnder interferometers 35463
Yaffe, M.J. Direct digital mammography using a scanned-slot CCD imaging system 15809
Yaffe, M.J. *see* Maidment, A.D.A. 31865
Yaffe, U. *see* Zafrir, H. 39122
Yaghjian, A.D. *see* Blejer, D.J. 44201
Yaghoobian, T., Blake, I.F. Two new decoding algorithms for Reed-Solomon codes 29443
Yagi, H. *see* Inoguchi, K. 43865
Yagi, K., Hoshino, T., Muta, K., Matsuura, H. Carbon coated optical fiber 3013
Yagi, K. *see* Kitazawa, M. 3046
Yagi, K. *see* Okazaki, T. 20312
Yagi, M. *see* Shibuki, K. 41410
Yagi, M. *see* Suzuki, T. 26404
Yagi, N. Real-time video signal processor and its application 38356
Yagi, N., Fukui, K., Enami, K., Sasaki, N., Saitou, H., Konno, Y. A programmable video signal processing LSI for HDTV signals 34090

Yagi, S., Kawasaki, K., Toyama, K., Matsubayashi, M., Araki, N. Surface-mount quartz crystal devices for mobile communication systems 30624
Yagi, S. *see* Doi, T. 23064
Yagi, T. *see* Kanazawa, M. 15457
Yagi, T. *see* Matsumoto, T. 18942
Yagi, T. *see* Matsumoto, T. 34206
Yagi, T. *see* Nagai, H. 43715
Yagi, T. *see* Okada, Y. 25438
Yagi, T. *see* Zhang, Z. 12057
Yagi, T. *see* Zhang, Z. 20753
Yagi, T. *see* Zumoto, N. 29079
Yagi, Y., Nishizawa, Y., Yachida, M. Obstacle avoidance for mobile robot integrating omnidirectional image sensor COPIS and ultrasonic sensor 16078
Yagi, Y. *see* Higashi, K. 27387
Yagishita, T. *see* Morohashi, S. 2903
Yagita, H. *see* Furusawa, S. 6090
Yagitani, S., Nagano, I., Miyamura, K., Kimura, I. Full wave calculation of ELF/VLF propagation from a dipole source located in the lower ionosphere 44340
Yagitani, S. *see* Kimura, I. 47250
Yagitani, S. *see* Nagano, I. 29699
Yagle, A.E. *see* Chi-Hsin Wu 45006
Yagle, A.E. *see* Connolly, F.T. 44944
Yagle, A.E. *see* Sahiner, B. 13631
Yagle, A.E. *see* Sahiner, B. 13633
Yagle, A.E. *see* Sahiner, B. 45256
Yagle, A.E. *see* Soltanian-Zadeh, H. 4776
Yagle, A.E. *see* Soltanian-Zadeh, H. 15758
Yagle, A.E. *see* Wen-Hsien Fang 42077
Yagoh, S., Kobaru, T., Suzuki, T. Unit 1 steam turbine generator of Noshiro Thermal Power Plant, Tohoku Electric Power Co. Inc 32725
Yagol'nikov, S.V., Shevchuk, V.I. Method of calculating the characteristics of detecting a burst of coherent pulses against the background of Gaussian impulse noise 21863
Yagoubi, A. *see* Harbi, A. 25250
Yaguang Hu *see* Hu Yaguang
Yaguchi, H., Ichino, M. A generalized principal component analysis for mixed measurement level data 23371
Yaguchi, H. *see* Fujita, K. 690
Yaguchi, H. *see* Kuwano, N. 26444
Yaguchi, H. *see* Miyoshi, S. 18167
Yaguchi, H. *see* Nagahara, M. 41314
Yaguchi, H. *see* Yamaba, K. 23714
Yaguchi, T. *see* Aida, T. 19284
Yaguchi, T. *see* Kusunoki, T. 10607
Yaguchi, Y. Aluminium electrolytic capacitors serve as long-life switching power supplies 1661
Yague, R.de Porrata-Doria i *see* de Porrata-Doria i Yague, R.
Yagyu, J. *see* Tsuji, H. 28422
Yahagi, K. *see* Takami, A. 8121
Yahagi, T. *see* Shimizu, S. 10310
Yahalom, R., Klein, B., Beth, T. Trust-based navigation in distributed systems 45631
Yahara, M. *see* Sasaki, H. 1352
Yahara, M. *see* Sasaki, H. 18898
Yahara, M. *see* Sasaki, H. 42101
Yahata, H. *see* Oshio, K. 11120
Yahia Messaoud, A., Scheid, E., Sarrabayrouse, G., Claverie, A., Martinez, A. A comprehensive study of thin rapid thermal oxide films 19588
Yahia Messaoud, A. *see* Campo, E. 2547
Yahyabey, N. A tuning and testing frequency synthesizer 46537
Yaji, T., Uchiyama, T., Yamada, M., Saito, M., Simazaki, T., Niijima, Y. Development of flame retardant cable for airport lighting circuit 8974
Yajima, A. *see* Nakashima, K. 23825
Yajima, H. *see* Itoh, H. 5968
Yajima, H. *see* Itoh, H. 11743
Yajima, H. *see* Itoh, H. 11793
Yajima, H. *see* Itoh, H. 37686
Yajima, H. *see* Itoh, H. 43575
Yajima, H. *see* Watanabe, M. 43842
Yajima, K. *see* Kohno, M. 2349
Yajima, K. *see* Kuragaki, T. 19425
Yajima, M. *see* Hashiguchi, S. 19883
Yajima, S. *see* Hatakeyama, S. 34041
Yajima, S. *see* Higuchi, H. 18613
Yajima, S. *see* Higuchi, H. 18644
Yajima, S. *see* Takahashi, N. 41851
Yajima, Y. *see* Takahashi, Y. 2806
Yakimenko, A.P. *see* Skolbelkin, O.K. 47118
Yakimenko, I.Yu. *see* Ber, B.Ya. 42635
Yakimov, A.I., Markov, V.A., Dvurechenskii, A.V., Pchelyakov, O.P. Conductance oscillations in Ge/Si heterostructures containing quantum dots 42489
Yakimov, E.B. *see* Kononchuk, O.V. 19544
Yakimov, S. *see* Filippov, V. 23753
Yakimovich, A.P. The technique for transfer and reconstruction of wide-aperture volumetric images in scene probing methods 30126
Yakovkin, I.B. *see* Bausk, E.V. 2774
Yakovkin, I.B. *see* Bausk, Ye.V. 6189
Yakovleff, A. *see* Moini, A. 18913
Yakovlenko, S.I. *see* Boichenko, A.M. 17589
Yakovlenko, S.I. *see* Karelin, A.V. 11938
Yakovlev, A. Eigenmodes of shielded microstrip line with finite thickness of strip conductor 12702
Yakovlev, A., Lavagno, L., Sangiovanni-Vincentelli, A. A unified signal transition graph model for asynchronous control circuit synthesis 26860
Yakovlev, E.B. *see* Veiko, V.P. 20382
Yakovlev, M.M. *see* Orlov, V.I. 40186
Yakovlev, N.V. *see* Ivanitskaya, O.I. 46857
Yakovlev, O.I. *see* Rubashkin, S.G. 16006
Yakovlev, O.I. *see* Vilkov, I.A. 29171
Yakovlev, O.S., Yakovleva, L.M. Method of construction of a set of feasible filters 21854
Yakovlev, V. *see* Chand, N. 43820
Yakovlev, V. *see* Korzhik, V. 21460
Yakovlev, V. *see* Layadi, N. 848
Yakovlev, V.A. *see* Li, M. 31493
Yakovlev, V.P. *see* Baryshev, Y.V. 31656
Yakovlev, V.P. *see* Bertolotti, M. 20898
Yakovlev, V.P. *see* Bertolotti, M. 35869
Yakovlev, V.S. *see* Ganefeld, R.W. 25728
Yakovlev, V.S. *see* Goldberg, L.S. 25747
Yakovlev, V.S. *see* Zalkind, V.I. 25725
Yakovlev, V.V. Photodetector based on a silicon avalanche photodiode for high-precision laser rangefinders 11852
Yakovlev, V.V. High-precision laser rangefinders and laser systems for industrial use 12508
Yakovlev, W.S. *see* Tshidjenko, I.M. 25835
Yakovlev, Y.P. *see* Bresler, M.S. 34587
Yakovlev, Yu.P., Baranov, A.N., Imenkov, A.N., Sherstnev, V.V., Stepanov, E.V., Ponurovskii, Ya.Ya. InAsSb/InAsSbP injection lasers for high-resolution spectroscopy 20817
Yakovlev, Yu.P. *see* Baranov, A.N. 35803
Yakovlev, Yu.P. *see* Voronina, T.I. 42416
Yakovlev, Yu.V. *see* Karkotskiy, V.L. 16097
Yakovleva, L.M. *see* Yakovlev, O.S. 21854
Yakowitz, D.S. A regularized stochastic decomposition algorithm for two-stage stochastic linear programs 41089
Yakubovich, S.D. *see* Shramenko, M.V. 12138
Yakunin, V.P. *see* Abil'siitov, G.A. 11961
Yakunin, Yu.I. *see* Tetel'baum, D.I. 34877
Yakushev, A.A. *see* Burakov, V.A. 25706
Yakushev, A.A. *see* Koroleva, L.A. 25756
Yakushev, A.A. *see* Velikhov, Ye.P. 25755
Yakushev, M.V. *see* Mullan, C.A. 2083
Yakushev, V.A. *see* Makarov, V.V. 40303
Yakushev, V.P. *see* Belov, A.S. 31627
Yakushev, V.P. *see* Dudnikov, V.G. 46819
Yakusheva, N.A. *see* Zhuravlev, K.S. 33623
Yalandin, M.I., Mesyats, G.A., Shpak, V.G., Smirnov, G.T., Shunailov, S.A. Repetitive 4-millimeter-range back-wave oscillator 27431
Yalisove, S.M. *see* Adams, D.P. 9596
Yalisove, S.M. *see* Adams, D.P. 33649
Yalisove, S.M. *see* Eaglesham, D.J. 18200
Yallup, K. SOI provides total dielectric isolation 34656
Yam, Y.-O. *see* Li, C.-H. 33905
Yam Lai Hang, Leung Hiu Kong, Lee Wing Wah, Fung Ka Fai Comparison of experimental methods for determination of dynamic properties of viscoelastic material 26531
Yamaba, K., Miyake, Y., Yaguchi, H., Tokura, N. A newly developed color vision system for robotic visual perception 23714
Yamabayashi, Y., Matsuoka, S., Uematsu, Y., Hohkawa, K., Ohhata, M. Line terminating multiplexers for SDH optical networks 6066
Yamabayashi, Y., Sato, Y., Matsuoka, S., Hohkawa, K. High-speed regenerator section terminating LSIs 14363
Yamabayashi, Y. *see* Sato, Y. 45923
Yamabayashi, Y. *see* Sato, Y. 45993
Yamabe, C., Nakamura, K., Horii, K. Fundamental studies on power transmission in space by using laser beams 25848
Yamabe, C. *see* Nakamura, K. 20647
Yamabe, K. *see* Nadahara, S. 2009
Yamabe, M., Adachi, S., Kayama, H., Noda, Y., Furukawa, Y. Process control in metalorganic chemical vapor deposition of CdTe 33647
Yamachi, M. *see* Terasaki, M. 48068
Yamada, A. A selective polishing approach for the fabrication of bonded-wafer silicon-on-insulator 2192
Yamada, A., Kurahashi, K. Error reduction in ultrasonic diffraction tomography 31840
Yamada, A., Tamada, H., Saitoh, M. Liquid phase epitaxial growth of $LiNbO_3$ thin film using Li_2O-B_2O_3 flux system. [Optical waveguide fabrication] 663
Yamada, A., Tanimoto, M. Complementary pyramid for multi-resolutional representation of images 30152
Yamada, A. *see* Alonso, J.C. 33659
Yamada, A. *see* Lee, J.-S. 9615
Yamada, A. *see* Lee, J.-S. 33601
Yamada, A. *see* Niki, S. 716
Yamada, A. *see* Oshima, T. 33626
Yamada, A. *see* Sakamoto, K. 27870
Yamada, A. *see* Sakamoto, K. 27912
Yamada, A. *see* Tabuchi, K. 8751
Yamada, A. *see* Tanimoto, M. 30056
Yamada, C. *see* Isono, H. 46214
Yamada, E. *see* Iwaki, T. 31052
Yamada, E. *see* Iwaki, T. 36565
Yamada, E. *see* Izumi, K. 9952
Yamada, E. *see* Kimura, Y. 30733
Yamada, E. *see* Kubota, H. 30731
Yamada, E. *see* Oyama, J. 8352
Yamada, E. *see* Oyama, J. 16819
Yamada, E. *see* Oyama, J. 17017
Yamada, E. *see* Oyama, J. 25537
Yamada, E. *see* Sato, H. 33726
Yamada, E. *see* Suzuki, K. 22997
Yamada, E. *see* Tanaka, K. 16946
Yamada, E. *see* Tanaka, K. 17616
Yamada, E. *see* Tsuji, M. 16869
Yamada, E. *see* Tsuji, M. 25429
Yamada, E. *see* Yoshida, E. 28764
Yamada, H. Investigations of differential non-linearity of successive approximation ADC and a proposition of avoiding procedure of its error 10223
Yamada, H. Direct view Hi-Vision TV 23316
Yamada, H. A prototype semipermanent magnet brushless motor 25386
Yamada, H., Fujiwara, T., Kimura, S. Low-noise high-response prebreakdown current measurement system 31377
Yamada, H., Murakami, T., Yamauchi, Y., Kusano, K., Tamada, K. Positive streamer development in benzene and in cyclohexane 43142
Yamada, H., Nagamoto, H. Thermal expansion coefficient and electrical conductivity of Mn-based Perovskite-type oxides 17269
Yamada, H., Okada, K. High-speed switching of LD transceivers for optical TCM transmission 38108
Yamada, H., Okuda, T., Shibutani, M., Tomida, S., Torikai, T., Uji, T. High modulation frequency low distortion 1.3 μm MQW-DFB-LDs for subcarrier multiplexed fibre-optic feeder systems 12139
Yamada, H., Okuda, T., Torikai, T., Uji, T., Shibuani, M., Tomida, S. High modulation frequency low distortion 1.3 μm MQW-DFB-LDs for subcarrier multiplexed fiber-optic feeder systems 28879
Yamada, H., Wakiwaka, H., Yano, T., Watarai, A., Karita, M., Morimoto, M. Intra-aortic balloon pump using linear pulse motor 15921
Yamada, H. *see* Fujiwara, T. 31501
Yamada, H. *see* Horiuchi, T. 45114
Yamada, H. *see* Inoue, T. 27000
Yamada, H. *see* Inoue, T. 41936
Yamada, H. *see* Kageshima, M. 27444
Yamada, H. *see* Kitamura, M. 12159
Yamada, H. *see* Komine, T. 5179
Yamada, H. *see* Magara, T. 17630
Yamada, H. *see* Masuda, T. 4803
Yamada, H. *see* Mizuno, T. 8457
Yamada, H. *see* Mizuno, T. 25622
Yamada, H. *see* Mori, K. 18566
Yamada, H. *see* Nakayama, Y. 25971
Yamada, H. *see* Ogawa, Y. 29345
Yamada, H. *see* Oizumi, T. 25961
Yamada, H. *see* Okuda, T. 35888
Yamada, H. *see* Sato, Y. 40680
Yamada, H. *see* Tabata, O. 6377
Yamada, H. *see* Ueno, T. 46101
Yamada, H. *see* Wakiwaka, H. 44271
Yamada, H. *see* Wennmacher, G. 2740
Yamada, H. *see* Yamaguchi, M. 39106
Yamada, H. *see* Yoshida, K. 5878
Yamada, H.T. *see* Shikata, M. 10101
Yamada, I. *see* Fukushima, K. 682
Yamada, J. *see* Furuhashi, H. 12499
Yamada, J. *see* Ino, M. 35096
Yamada, J. *see* Konishi, Y. 46231
Yamada, K., Motohashi, S., Sato, T. Short circuit laboratory 25589
Yamada, K., Nakajima, M., Hosokawa, T. Improvement of the dynamic characteristics in superconducting magnets for compact storage rings 46802
Yamada, K., Nakano, T., Yamamoto, S. A vision system for removal of specular reflection component using a liquid crystal 45112
Yamada, K., Shikunami, J., Shimada, H., Takahasi, S. Equalization for optical disk using neural network 28441
Yamada, K., Tasei, K., Nakamura, K. Weighted conical transducer for generation of Bessel beam ultrasound 16055
Yamada, K. *see* Itoh, K. 5788
Yamada, K. *see* Iwasaki, H. 20258
Yamada, K. *see* Makishima, H. 19293
Yamada, K. *see* Ohgaki, H. 7190
Yamada, K. *see* Okada, T. 41914
Yamada, K. *see* Tsuji, M. 16869
Yamada, K. *see* Wada, K. 10820
Yamada, K. *see* Yokoyama, M. 46720
Yamada, K.S. *see* Plaessmann, H. 20695
Yamada, M. High-sensitivity computer-controlled infrared polariscope 6311
Yamada, M. Wavelet analysis and its applications 9371
Yamada, M. High speed I/O interface 18682
Yamada, M., Kondo, K., Sasaki, T., Takazawa, A., Tamura, T. Effects of surface treatments on the photoluminescence of porous Si and a suggested mechanism for the photoluminescence 19571
Yamada, M., Shimizu, M., Ohishi, Y., Temmyo, J., Kanamori, T., Sudo, S. One-LD-pumped Pr^{3+}-doped fluoride fibre amplifier module with signal gain of 23 dB 12065

Yamada, M., Shimizu, M., Ohishi, Y., Temmyo, J., Kanamori, T., Sudo, S. Highly efficient configuration of a Pr^{3+}-doped fluoride fiber amplifier module with an optical circulator 12075
Yamada, M., Shimizu, M., Ohishi, Y., Temmyo, J., Kanamori, T., Sudo, S. Gain characteristics of Pr^{3+}-doped fluoride fiber amplifier 35757
Yamada, M., Shimizu, M., Yoshino, K., Horiguchi, M. Temperature dependence of signal gain in Er^{3+}-doped optical fiber amplifiers pumped by 0.8 μm band GaAlAs laser diodes 20683
Yamada, M., Uomori, K., Hongo, H. A multiple viewer, binocular eye-movement analyzer and sightline analysis of Hi-Vision 3D images using the analyzer 31005
Yamada, M. *see* Iwahara, H. 17261
Yamada, M. *see* Kuribayashi, M. 18614
Yamada, M. *see* Nakamori, N. 7296
Yamada, M. *see* Niyada, K. 44790
Yamada, M. *see* Ohishi, Y. 43798
Yamada, M. *see* Shimizu, M. 28788
Yamada, M. *see* Sugiura, O. 44270
Yamada, M. *see* Suhara, M. 43903
Yamada, M. *see* Takahashi, S. 38344
Yamada, M. *see* Takazawa, A. 2098
Yamada, M. *see* Tomita, N. 45995
Yamada, M. *see* Tone, K. 19586
Yamada, M. *see* Uwano, Y. 19187
Yamada, M. *see* Yaji, T. 8974
Yamada, M. *see* Yamagata, T. 18737
Yamada, M. *see* Yoshida, J. 45961
Yamada, N., Kato, T. Vibratory characteristics of newly designed fork-type piezoactuator 20057
Yamada, N. *see* Fukuda, M. 47688
Yamada, O. Error-correction and modulation-demodulation techniques 4402
Yamada, O., Takada, M., Kuroda, T., Isobe, T. Development of data radio channel ("DARC") for traffic information services 6173
Yamada, O. *see* Kuroda, T. 38226
Yamada, S., Kitao, M. Recombination radiation as possible mechanism of light emission from reverse-biased p-n junctions under breakdown condition 11676
Yamada, S., Nakayama, S. An efficient algorithm for multiple folded gate matrix layout 19956
Yamada, S. *see* Amemiya, K. 46799
Yamada, S. *see* Ezure, S. 47932
Yamada, S. *see* Hikita, M. 12354
Yamada, S. *see* Inui, A. 2706
Yamada, S. *see* Inui, A. 35155
Yamada, S. *see* Kanazawa, M. 6908
Yamada, S. *see* Mizuno, F. 9327
Yamada, S. *see* Sawada, M. 42953
Yamada, S. *see* Shimatani, T. 42924
Yamada, S. *see* Tokiguchi, K. 15328
Yamada, S. *see* Tsuchiya, K. 25287
Yamada, S.E. Board connector for small computers permits height modulations 1748
Yamada, T., Barrett, J., Doyle, R., Boetti, A. Quality optimisation of fine pitch surface mount solder joints using Taguchi experimental design techniques 42312
Yamada, T., Ferry, D.K. Monte Carlo simulation of diffusion of interacting electrons in lateral surface superlattices 10702
Yamada, T., Matsunaga, S., Kawabata, T., Shikano, K. Speech recognition using stochastic language models based on a prior probabilities of Kana and Kanji characters 44797
Yamada, T., Miyata, H., Zhou, J.-R., Ferry, D.K. Monte Carlo study of the low temperature mobility of electrons in a strained Si layer grown on a $Si_{1-x}Ge_x$ substrate 34581
Yamada, T., Nogawa, K., Nishikawa, M., Harada, Y. Maskless device fabrication technology using an integrated microwave CAD/CAM system 10489
Yamada, T., Sawada, J., Zaima, E., Irie, T., Ohashi, T., Yoshida, S., Kawamura, T. Development of suspension-type arresters for transmission lines 25041
Yamada, T., Suzuki, I., Yamaguchi, T., Xiuying, G., Kan, H., Aoyama, M., Saito, N., Hayakawa, Y., Kumagawa, M. Actual carrier mobility evaluation of GaInAsSb epilayer grown on InAs substrate 1849
Yamada, T., Yamamoto, Y., Ichioka, T., Niwa, T. Compensation for parameter variation of induction motor improved torque control characteristics in low- and high-speed regions 16868
Yamada, T. *see* Amamoto, N. 38424
Yamada, T. *see* Hasegawa, T. 26920
Yamada, T. *see* Hasegawa, T. 26952
Yamada, T. *see* Higasa, H. 25851
Yamada, T. *see* Iga, R. 33620
Yamada, T. *see* Katsuki, S. 36126
Yamada, T. *see* Kawakami, A. 33868
Yamada, T. *see* Miki, I. 17426
Yamada, T. *see* Minami, Y. 44796
Yamada, T. *see* Mitsuhara, M. 41333
Yamada, T. *see* Qi Ming 18172
Yamada, T. *see* Qi Ming 26441
Yamada, T. *see* Sato, H. 9768
Yamada, T. *see* Sugiura, H. 43872
Yamada, T. *see* Suzuki, I. 726
Yamada, T. *see* Unami, Y. 6004
Yamada, T. *see* Yamazaki, K. 10115
Yamada, T. *see* Yamazaki, K. 33992
Yamada, Y. Effective V-F characteristics in submicrometre GaAs MESFETs evaluated by ensemble Monte Carlo simulation 35026
Yamada, Y., Yamamoto, N., Mori, K., Koshoubu, N., Nakamura, K., Kawamura, I., Suzuki, Y.-I. Multicolor video-rate antiferroelectric LCD with high contrast and wide viewing angle 15127
Yamada, Y. *see* Hashimoto, K.-Y. 14953
Yamada, Y. *see* Kato, Y. 30085
Yamada, Y. *see* Ochi, H. 1321
Yamada, Y. *see* Ochi, H. 13348
Yamada, Y. *see* Ohira, H. 31151
Yamada, Y. *see* Sakata, A. 31574
Yamada, Y. *see* Taguchi, T. 3593
Yamada, Y. *see* Tazaki, S. 29454
Yamada, Y. *see* Tazaki, S. 29455
Yamada, Y. *see* Tazaki, S. 29456
Yamafuji, K. *see* Kikkawa, Y. 46357
Yamafuji, K. *see* Matsumoto, K. 20169
Yamafuji, K. *see* Matsuno, T. 42105
Yamafuji, K. *see* Miura, O. 2921
Yamagami, H. *see* Ishihara, H. 35240
Yamagami, M. *see* Okada, T. 41914
Yamagata, H. *see* Matsui, T. 46258
Yamagata, T., Mihara, M., Hamamoto, T., Murai, Y., Kobayashi, T., Yamada, M., Ozaki, H. A bitline control circuit scheme and redundancy technique for high-density dynamic content addressable memories 18737
Yamagata, T. *see* Kanno, T. 31272
Yamagata, T. *see* Ukita, M. 26922
Yamagata, T. *see* Ukita, M. 34049
Yamagata, Y., Kumagai, T., Nishiwaki, S., Toda, H., Ishikawa, M., Yokota, T. Prevention of reignition overvoltages by phase-angle-controlled switching of a gas circuit breaker at shunt reactor current interruption 40377
Yamagata, Y., Oshi, T., Katsukawa, H., Kato, S., Sakurai, Y. Development of optical current transformers and application to fault location systems for substations 16483
Yamagishi, A. *see* Kojima, T. 21521
Yamagishi, A. *see* Matsui, M. 36567
Yamagishi, C. *see* Shikata, M. 10101
Yamagishi, H. *see* Tamura, M. 1911
Yamagishi, K. *see* Sawada, M. 42953
Yamagishi, M. *see* Inoue, T. 33970
Yamagishi, T., Nanba, M., Egami, N., Okazaki, S., Tanioka, K. 1-inch high-performance HDTV HARP camera tube 30980
Yamagishi, T. *see* Kanazawa, M. 15457
Yamagishi, Y. *see* Maekawa, T. 19328
Yamagiwa, T., Endo, F., Utsumi, T., Ishikawa, T. Practical sensitivity of PD measurements with acoustic and UHF methods for GIS 48022
Yamagiwa, T., Endo, F., Utsumi, T., Ishikawa, T. Harmful defects and diagnosis method for GIS in service 48023
Yamagiwa, T. *see* Ueda, T. 32487
Yamagiwa, T. *see* Ueda, T. 40382
Yamagiwa, T. *see* Utsumi, T. 25564
Yamagiwa, T. *see* Zaima, E. 48015
Yamaguchi, A., Kishimura, S., Tsujita, K., Morimoto, H., Tsukamoto, K., Nagata, H. Insolubilization mechanism of chemically amplified negative photoresists 27972
Yamaguchi, A., Shibata, M., Hashinaga, T. Transmission electron microscopy specimen preparation technique using focused ion beam fabrication: application to GaAs metal-semiconductor field effect transistors 28284
Yamaguchi, A. *see* Grajew, G. 37613
Yamaguchi, A. *see* Miyazaki, J. 2357
Yamaguchi, A. *see* Yamakawa, S. 23756
Yamaguchi, C. *see* Ishii, K. 10137
Yamaguchi, E., Yamamoto, M., Hoshi, H., Matsumura, S. Edge shift characteristics of a magnetooptical edge detection signal 20426
Yamaguchi, E. *see* Yamamoto, M. 20420
Yamaguchi, F., Sato, K., Takayanagi, Y., Nakaguchi, M., Hirose, H., Yoshioka, O. A new single-chip video signal-processing LSI for the high-band 8 mm camcorder 14824
Yamaguchi, H. Adaptive DCT coding of video signals 22029
Yamaguchi, H. Multifocus synthesis and its application to 3-D image capturing 29947
Yamaguchi, H., Hongo, S., Takeshita, H., Iwai, K., Iwai, S. Computational models for organ doses in diagnostic nuclear medicine 24189
Yamaguchi, H., Ichihara, H., Mizumoto, H., Masaki, S. B-ISDN based multimedia communication system supporting group work 37552
Yamaguchi, H., Saitoh, T., Matsuki, M. Novel recording method employing direct ink heating: thermal rheography 23778
Yamaguchi, H., Sato, Y., Kataoka, T. Characteristics analysis of superconducting power transformer without iron core 25508
Yamaguchi, H. *see* Jourdan, N. 18173
Yamaguchi, H. *see* Murakami, A. 7247
Yamaguchi, H. *see* Sakamizu, T. 27962
Yamaguchi, H. *see* Shinmura, T. 9242
Yamaguchi, H. *see* Takayanagi, K. 34946
Yamaguchi, H. *see* Yoshida, S. 32931
Yamaguchi, H. *see* Yoshiki, H. 46960
Yamaguchi, I. *see* Kato, J. 6809
Yamaguchi, J. *see* Shimokohbe, A. 31446
Yamaguchi, J. *see* Terada, K. 45110
Yamaguchi, K. Local area network: LAN 37458
Yamaguchi, K., Kishida, S., Okamoto, K. Fabrication of AlGaAs/GaAs-light-emitting devices by selective MOCVD using dialkylmetal-chloride 3366
Yamaguchi, K., Ohnuma, S., Imagawa, T., Toriu, J., Matsuki, H., Murakami, K. Characteristics of a thin film microtransformer with circular spiral coils 1668
Yamaguchi, K., Okamoto, K. Anisotropic ridge growth by step-flow-mode metalorganic chemical vapor deposition using diethylgalliumchloride 9614
Yamaguchi, K. *see* Gohshi, S. 30150
Yamaguchi, K. *see* Jiang-Huai Zhou 10855
Yamaguchi, K. *see* Nakamura, T. 23719
Yamaguchi, K. *see* Ohhata, K. 1238
Yamaguchi, K. *see* Ohhata, K. 10171
Yamaguchi, K. *see* Ohhata, K. 18731
Yamaguchi, K. *see* Sagayama, S. 14081
Yamaguchi, K. *see* Suzuki, K. 1615
Yamaguchi, K. *see* Tamba, N. 34046
Yamaguchi, M. Power control of a terminal analog synthesizer using a glottal model 21693
Yamaguchi, M., Ando, K., Okazaki, H., Takamoto, T., Ohmori, M. Proton irradiation effects on InP solar cells fabricated from LEC-grown single crystals 8757
Yamaguchi, M., Endoh, H., Honda, T., Ohyama, N. High-quality recording of a full-parallax holographic stereogram with a digital diffuser 29031
Yamaguchi, M., Hattori, K., Iwama, N., Shimakura, S., Hayakawa, M. A new ground-based direction finding method using a linear reconstruction of wave distribution function of magnetospheric VLF/ELF radio waves 23240
Yamaguchi, M., Hoshino, H., Honda, T., Ohyama, N. Phase added stereogram: calculation of hologram using computer graphics technique 36048
Yamaguchi, M., Hosom, J.-P. Development of a rule-based speech synthesizer module for embedded use 21696
Yamaguchi, M., Ishihara, K., Ohzeki, H., Arai, K.I. An analytical consideration on an equivalent circuit of the flux distribution in thin film cores 35245
Yamaguchi, M., Katada, M. Environmental technology in production process for PWBs 19229
Yamaguchi, M., Kawamura, S., Minami, K., Esashi, M. Control of distributed electrostatic microstructures 21180
Yamaguchi, M., Matsunaga, T., Shirai, S. New free-space optical switching network based on cascaded beam shifters 5678
Yamaguchi, M., Matsunaga, T., Shirai, S., Yukimatsu, K.-I. Analog free-space optical switch structure based on cascaded beam shifters 45729
Yamaguchi, M., Warabisako, T., Sugiura, H. Chemical beam epitaxy as a breakthrough technology for photovoltaic solar energy applications 48137
Yamaguchi, M., Yamada, H. Reliability evaluation of a linear pulse motor for a total artificial heart driving 39106
Yamaguchi, M., Yamamoto, T., Yukimatsu, K., Matsuo, S., Amano, C., Nakano, Y., Kurokawa, T. Digital free-space photonic switch structure using exciton absorption reflection switch (EARS) arrays 37682
Yamaguchi, M., Yamamoto, T., Yukimatsu, K., Matsuo, S., Amano, C., Nakano, Y., Kurokawa, T. Experimental investigation of a digital free-space photonic switch that uses exciton absorption reflection switch arrays 45722
Yamaguchi, M., Yukimatsu, K. Free-space optical switching modules 20583
Yamaguchi, M., Yukimatsu, K.-I. Recent free-space photonic switches 45726
Yamaguchi, M. *see* Hashimoto, K.-Y. 14953
Yamaguchi, M. *see* Hayashi, Y. 43331
Yamaguchi, M. *see* Ishihara, K. 16963
Yamaguchi, M. *see* Kaneko, Y. 28656
Yamaguchi, M. *see* Kato, H. 33350
Yamaguchi, M. *see* Kitamura, M. 12159
Yamaguchi, M. *see* Morita, Y. 2097
Yamaguchi, M. *see* Nabae, A. 16162
Yamaguchi, M. *see* Rajendran, V. 6482
Yamaguchi, M. *see* Sasaki, T. 3402
Yamaguchi, M. *see* Shimada, M. 35292
Yamaguchi, M. *see* Shirai, S. 5674
Yamaguchi, M. *see* Suk-Ki Min 40474
Yamaguchi, M. *see* Takahashi, S. 36045
Yamaguchi, M. *see* Takeda, O. 15522
Yamaguchi, M. *see* Tsutsumi, Y. 25664
Yamaguchi, M. *see* Yamazaki, H. 3927
Yamaguchi, N. *see* Maeno, K. 11978
Yamaguchi, R., Hashimoto, K., Sakata, H., Kajiwara, H., Watanabe, K., Setoguchi, T., Eguchi, K., Arai, H. Fabrication of porous electrode supported SOFC by wet process 17380
Yamaguchi, R., Ookawara, H., Ishigame, M., Sato, S. Thermally addressed and erasable displays by polymer-dispersed nematic liquid crystals with memory properties 15137
Yamaguchi, R., Sawaya, K., Fujino, Y., Adachi, S. Effect of dimension of conducting box on radiation pattern of a monopole antenna for portable telephone 29344

Yamaguchi, R. *see* Homma, T. 18256
Yamaguchi, S., Sakanashi, Y. Analysis of stopping flow in a circular pipe by video image processing 39011
Yamaguchi, S. *see* Ebina, K. 20617
Yamaguchi, S. *see* Kadobayashi, Y. 30443
Yamaguchi, S. *see* Kotera, M. 28057
Yamaguchi, S. *see* Matsuo, H. 23072
Yamaguchi, S. *see* Matsuoka, Y. 19770
Yamaguchi, S. *see* Michizono, S. 1810
Yamaguchi, S. *see* Saito, M. 45531
Yamaguchi, S. *see* Saito, T. 27798
Yamaguchi, S. *see* Sato, I. 15299
Yamaguchi, S. *see* Sato, Y. 25544
Yamaguchi, S. *see* Takahara, H. 3372
Yamaguchi, T. Info-communications in the new era of images. An outline of the MPT communications white paper for FY 1993 22388
Yamaguchi, T., Kawata, S., Suzuki, S., Sato, T., Yu Sato New linewidth measurement system using environmental scanning electron microscope technology 27616
Yamaguchi, T. *see* Aritome, S. 41883
Yamaguchi, T. *see* Hamada, H. 12172
Yamaguchi, T. *see* Hattori, K. 27910
Yamaguchi, T. *see* Higuchi, T. 25482
Yamaguchi, T. *see* Kawase, Y. 36123
Yamaguchi, T. *see* Suzuki, I. 726
Yamaguchi, T. *see* Suzuki, I. 34588
Yamaguchi, T. *see* Tanaka, K. 30548
Yamaguchi, T. *see* Ushida, H. 45109
Yamaguchi, T. *see* Yamada, T. 1849
Yamaguchi, T. *see* Yata, K. 18326
Yamaguchi, Y. Bit error rate and power penalty in MSK coherent optical communication systems with a single interfering echo 38084
Yamaguchi, Y., Matsumoto, T. Syntactic analysis and letter-to-phoneme conversion using neural networks—an application of neural networks to an English text-to-speech system 44753
Yamaguchi, Y., Mochida, M., Boerner, W.-M., Sengoku, M., Abe, T. Effect of view angle variations in vector diffraction tomography 6754
Yamaguchi, Y., Nishikawa, T., Sengoku, M., Boerner, W.-M., Hyo Joon Eom Fundamental study on synthetic aperture FM-CW radar polarimetry 38164
Yamaguchi, Y., Sengoku, M. Detection of objects buried in sandy ground by a synthetic aperture FM-CW radar 23150
Yamaguchi, Y., Shimizu, H. Pattern recognition with figure-ground separation by generation of coherent oscillations 45072
Yamaguchi, Y., Takeda, S., Hirano, N. Bit error rate and power penalty of optical DPSK communication systems with echo 5894
Yamaguchi, Y. *see* Iyoda, M. 12303
Yamaguchi, Y. *see* Joachim, H.-O. 11202
Yamaguchi, Y. *see* Joachim, H.-O. 42919
Yamaguchi, Y. *see* Kametani, H. 10764
Yamaguchi, Y. *see* Park, K.H. 42169
Yamaguchi, Y. *see* Park, T.J. 12581
Yamaguchi, Y. *see* Uedono, A. 19471
Yamaguchi, Y. *see* Yoneda, Y. 34939
Yamaha, T., Naito, M., Hotta, T. Via electromigration characteristics in aluminum based multilevel interconnection 34852
Yamahata, S., Matsuoka, Y., Ishibashi, T. Ultrahigh-speed AlGaAs/GaAs ballistic collection transistors using carbon as p-type dopant 11154
Yamahata, S. *see* Kurishima, K. 34926
Yamahata, S. *see* Matsuoka, Y. 19770
Yamahata, S. *see* Nakajima, H. 1553
Yamai, S. *see* Iriguchi, N. 24221
Yamaji, M. *see* Kamakura, Y. 42398
Yamaji, S. *see* Iwami, T. 25967
Yamaji, T. *see* Igarashi, Y. 42760
Yamaji, T. *see* Morimoto, Y. 18203
Yamaji, Y. *see* Hiruta, Y. 43135
Yamaji, Y. *see* Okada, T. 346
Yamakage, T. *see* Oku, T. 31019
Yamakawa, H. *see* Arakawa, M. 12728
Yamakawa, K. *see* Chiu, P.H. 20701
Yamakawa, K. *see* Nakajima, K. 7013
Yamakawa, M., Kanai, A., Nishibayashi, A., Hayakawa, M., Shikama, S. Development of a field sequential color view finder for color video cameras 14827
Yamakawa, S. Optical odor sensors using potential sensitive dye coatings 23746
Yamakawa, S., Yamaguchi, A. Odor pattern recognition using gas sensor array and neural network 23756
Yamakawa, S. *see* Yoshida, M. 40577
Yamakawa, T. *see* Uchino, E. 13168
Yamakita, J. *see* Matsumoto, K. 20347
Yamakita, J. *see* Matsumoto, K. 35424
Yamakita, J. *see* Minami, K. 4060
Yamakita, J. *see* Ozaki, A. 21360
Yamakita, J. *see* Rokushima, K. 12668
Yamakoshi, I., Endo, K., Shimoda, T. Easily assembled small size electric vehicles DC brushless motor 48277
Yamakoshi, T. *see* Yada, H. 2844
Yamakoshi, Y. *see* Kenjo, T. 40456
Yamamiya, A. *see* Yamana, K. 14903
Yamamori, K. *see* Oikawa, H. 37644
Yamamoto, A. *see* Fujiwara, H. 1163
Yamamoto, A. *see* Fujiwara, H. 18581
Yamamoto, A. *see* Homma, M. 17109
Yamamoto, A. *see* Yamasaki, Y. 34040
Yamamoto, F., Ikeda, A., Iwamoto, T., Murata, N., Goto, A., Harada, K., Kobayashi, T. A boiling water reactor simulator 'TARMS' and its application to the core operating management of Hamaoka Unit 3 16575
Yamamoto, F. *see* Matsuura, T. 11645
Yamamoto, H. Coding theorems for Shannon's cipher system with correlated source outputs, and common information 44699
Yamamoto, H., Fukuda, M., Isa, I., Yoshino, K. Tantalum electrolytic capacitor employing polypyrrole as solid electrolyte 19173
Yamamoto, H., Ishii, A. Effect of CaO and SiO_2 addition on magnetic properties of anisotropic Ba-Zn system W-type hexagonal ferrite magnets 11470
Yamamoto, H., Ishii, A. Magnetic properties of Ba-Zn-system W-type hexagonal ferrite magnets 43320
Yamamoto, H., Katagiri, E. Magnetic properties of melt-spun Nd-Fe-Co-B-Cu-Nb system alloys and their bonded magnets 11457
Yamamoto, H., Kodama, I. Magnetic properties of melt-spun Nd-Pr-Fe-Co-B-V system alloys and their bonded magnets 2786
Yamamoto, H., Sekiya, T., Suzuki, T. Application of hybrid inverter controlled motor & retarder system to dust gathering vehicles 48262
Yamamoto, H., Yeshurun, Y., Levine, M.D. A foveated vision system with attentional mechanisms 36941
Yamamoto, H. *see* Alexander, J.P. 24110
Yamamoto, H. *see* Alexander, J.P. 46860
Yamamoto, H. *see* Baba, Y. 10858
Yamamoto, H. *see* Furusawa, S. 6090
Yamamoto, H. *see* Hama, H. 25042
Yamamoto, H. *see* Higashi, K. 21423
Yamamoto, H. *see* Inoue, A. 13928
Yamamoto, H. *see* Katagiri, T. 2218
Yamamoto, H. *see* Minoda, H. 23366
Yamamoto, H. *see* Mita, Y. 3344
Yamamoto, H. *see* Miwada, K. 23721
Yamamoto, H. *see* Mori, Y. 15572
Yamamoto, H. *see* Okano, Y. 23774
Yamamoto, H. *see* Osa, A. 7151
Yamamoto, H. *see* Raue, R. 20518
Yamamoto, H. *see* Saito, S. 45794
Yamamoto, H. *see* Takeyasu, N. 42758
Yamamoto, H. *see* Yurimoto, H. 15605
Yamamoto, I. *see* Grajew, G. 37613
Yamamoto, I. *see* Matsui, K. 24619
Yamamoto, J. *see* Yoshimura, T. 27881
Yamamoto, K. $LiTaO_3$ quasi-phase-matched second-harmonic-generation device 28963
Yamamoto, K., Maemura, K., Andoh, N., Mitsui, Y. A 1.9-GHz-band GaAs direct-quadrature modulator IC with a phase shifter 10027
Yamamoto, K., Muramatsu, M., Yamamura, K., Ohmura, M., Utsuyama, H., Anzai, H., Saito, K., Konmura, M., Nakamura, M., Niwa, K. Interstrip capacitance of the double-sided silicon strip detector 38866
Yamamoto, K., Sugai, T., Ohtsu, S. A high-efficiency, high-power DC-DC converter using high-voltage BSITs 8643
Yamamoto, K., Sugai, T., Tanaka, K. A compact, high-efficiency, high-power DC-DC converter 17047
Yamamoto, K., Urahama, K. Hierarchical clustering by melting 26288
Yamamoto, K. *see* Barberis, E. 46846
Yamamoto, K. *see* Fujimura, K. 29802
Yamamoto, K. *see* Hayashi, S. 10937
Yamamoto, K. *see* Hiroki, F. 9824
Yamamoto, K. *see* Horiuchi, T. 45114
Yamamoto, K. *see* Kume, T. 8762
Yamamoto, K. *see* Macmura, K. 37875
Yamamoto, K. *see* Masuda, T. 4803
Yamamoto, K. *see* Matsuda, S. 14098
Yamamoto, K. *see* Mizuuchi, F. 12370
Yamamoto, K. *see* Mizuuchi, K. 44121
Yamamoto, K. *see* Nakamura, K. 42578
Yamamoto, K. *see* Ohsugi, T. 46838
Yamamoto, K. *see* Ohsugi, T. 46839
Yamamoto, K. *see* Sekioka, S. 11346
Yamamoto, K. *see* Shimono, T. 19242
Yamamoto, K. *see* Shimono, T. 35048
Yamamoto, K. *see* Tamura, N. 46889
Yamamoto, K. *see* Tsuchida, K. 40578
Yamamoto, K. *see* Tsuji, H. 28422
Yamamoto, K. *see* Tsuji, H. 28422
Yamamoto, K. *see* Yamanouchi, K. 2768
Yamamoto, K.-i., Nakazawa, M. Studies of NH_3 thermal nitridation of ultrathin Si-oxide films on Si using photoemission spectroscopy with synchrotron radiation 27723
Yamamoto, M. Temporal-spatial image understanding 36939
Yamamoto, M. Application of two-way function on cable TV 38319
Yamamoto, M. Direct estimation of pose and 3D motion from an image sequence 45247
Yamamoto, M., Hanna, J., Miyauchi, M. New low pressure chemical vapor deposition technique for Ge crystalline thin films 9711
Yamamoto, M., Hoshi, H., Yamaguchi, E., Matsumura, S. Diffraction pattern from magnetooptical edges 20420
Yamamoto, M., Komoda, N., Fukao, S., Tsunoda, R.T., Ogawa, T., Tsuda, T. Spatial structure of the E region field-aligned irregularities revealed by the MU radar 47256
Yamamoto, M. *see* Aihara, K. 28058
Yamamoto, M. *see* Aiyama, Y. 43369
Yamamoto, M. *see* Edane, M. 16730
Yamamoto, M. *see* Fujisawa, S. 38213
Yamamoto, M. *see* Hoshikuki, A. 5730
Yamamoto, M. *see* Kano, F. 12109
Yamamoto, M. *see* Miyake, M. 9026
Yamamoto, M. *see* Mizutani, Y. 47087
Yamamoto, M. *see* Nakashima, K. 19590
Yamamoto, M. *see* Nakata, S. 27536
Yamamoto, M. *see* Sato, K. 12167
Yamamoto, M. *see* Sato, K. 35626
Yamamoto, M. *see* Sato, M. 37944
Yamamoto, M. *see* Sennenbara, N. 34938
Yamamoto, M. *see* Tode, H. 14356
Yamamoto, M. *see* Tode, H. 37178
Yamamoto, M. *see* Tohmori, Y. 12169
Yamamoto, M. *see* Tohmori, Y. 35895
Yamamoto, M. *see* Tsunoda, R.T. 47257
Yamamoto, M. *see* Uchiyama, K. 10192
Yamamoto, M. *see* Wakita, K. 20791
Yamamoto, M. *see* Wakita, K. 35456
Yamamoto, M. *see* Yamaguchi, E. 20426
Yamamoto, M. *see* Yamamoto, N. 35777
Yamamoto, N., Yokoyama, K., Yamanaka, T., Yamamoto, M. Very low threshold graded-index separate-confinement-heterostructure strained InGaAsP single-quantum-well lasers 35777
Yamamoto, N. *see* Imaide, T. 14826
Yamamoto, N. *see* Kano, F. 12109
Yamamoto, N. *see* Mawatari, H. 43862
Yamamoto, N. *see* Onozawa, S. 18677
Yamamoto, N. *see* Osawa, H. 20290
Yamamoto, N. *see* Tohmori, Y. 35895
Yamamoto, N. *see* Yamada, Y. 15127
Yamamoto, O., Hara, T., Nakanishi, I., Hayashi, M. Monte Carlo simulation of surface charge on angled insulators in vacuum 7983
Yamamoto, O., Hara, T., Shimada, M., Hayashi, M. Effect of low-temperature electrode baking on breakdown in vacuum 1771
Yamamoto, O., Takayanagi, F. Development status in fuel cells application for electric vehicles 48177
Yamamoto, O., Takeda, Y., Imanishi, N., Sakaki, Y. Electrochemical properties of $La_{1-x}Ca_xMnO_{3-\delta}$ as cathode in SOFC 17268
Yamamoto, O. *see* Imanishi, N. 40425
Yamamoto, O. *see* Imanishi, N. 48075
Yamamoto, O. *see* Yamamoto, T. 42431
Yamamoto, S. Speech synthesis from concept 44780
Yamamoto, S., Migitaka, M. Silicon surface nitrification using hydrogen and ammonia by hybrid excitation 2191
Yamamoto, S., Takahira, H., Tanaka, M. 5 Gbit/s optical transmission terminal equipment using forward error correcting code and optical amplifier 37974
Yamamoto, S., Toyooka, M., Kubo, U. Sputter etching mechanism and changes of surface structure of PTFE 893
Yamamoto, S. *see* Horiuchi, Y. 30845
Yamamoto, S. *see* Hoshimura, Y. 2728
Yamamoto, S. *see* Inoue, N. 44799
Yamamoto, S. *see* Iwaki, T. 13512
Yamamoto, S. *see* Kado, H. 2615
Yamamoto, S. *see* Kamohara, S. 10860
Yamamoto, S. *see* Kobayashi, K. 15682
Yamamoto, S. *see* Mizuno, T. 8457
Yamamoto, S. *see* Mochiji, K. 27717
Yamamoto, S. *see* Ogusu, K. 44078
Yamamoto, S. *see* Sakai, Y. 13852
Yamamoto, S. *see* Shimura, M. 2159
Yamamoto, S. *see* Suzuki, M. 5970
Yamamoto, S. *see* Taga, H. 45951
Yamamoto, S. *see* Takeda, K. 5654
Yamamoto, S. *see* Tanaka, K. 5854
Yamamoto, S. *see* Tsukada, T. 45113
Yamamoto, S. *see* Tsukada, T. 46497
Yamamoto, S. *see* Yamada, K. 45112
Yamamoto, S.-i. *see* Obara, N. 37746
Yamamoto, T. Structure and friction of amorphous carbon films of nanometer thickness 2818
Yamamoto, T. Development of train number reading device in combination with radio 8900
Yamamoto, T., Fujii, K., Teramoto, S., Tagaya, A., Nihei, E., Kinoshita, T., Koike, Y., Sasaki, K. High-bandwidth organic dye-doped polymer optical fiber amplifier 28757
Yamamoto, T., Fukuyama, T., Murao, Y., Enomoto, H. Subjective mode regions of picture and painting of 3-D picture 29935
Yamamoto, T., Inai, M., Hosoda, M., Takebe, T., Watanabe, T. Demonstration of lateral p-n subband junctions in Si delta-doped quantum wells on (111)A patterned substrates 10686
Yamamoto, T., Kanno, R., Takeda, Y., Yamamoto, O., Kawamoto, Y., Takano, M. Crystal structure and metal-semiconductor transition of the $Bi_{2-x}Ln_xRu_2O_7$ pyrochlores (Ln=Pr-Lu) 42431
Yamamoto, T., Koshiba, M. Analysis of curvature losses of whispering gallery modes in an optical dielectric disk by the finite-element method 36326

Yamamoto, T., Koshiba, M. Numerical analysis of curvature loss in optical waveguides by the finite-element method 44511
Yamamoto, T., Miyajima, Y., Komukai, T. 1.9 μm Tm-doped silica fibre laser pumped at 1.57 μm 35716
Yamamoto, T., Nobuhara, H., Tanaka, K., Odagawa, T., Sugawara, M., Fujii, T., Wakao, K. Low-threshold tensile-strained InGaAs-InGaAsP quantum-well lasers with single-step separate-confinement heterostructures 12110
Yamamoto, T., Patel, J.S., Nakagami, T. A multi-channel free-space optical switch using liquid crystal polarization control devices 5675
Yamamoto, T., Sawa, K. Study on conditions of palladium oxide formation caused by mechanochemical reaction 42270
Yamamoto, T., Wakayama, H., Kanbara, T., Sasaki, K., Tsutsui, K., Furukawa, S. Field effect transistor using vacuum deposited thin layer film of poly(thiophene-2,5-diyl) prepared by organometallic method 42952
Yamamoto, T., Yanagisawa, J., Gamo, K., Takaoka, S., Murase, K. Estimation of damage induced by focused Ga ion beam irradiation 27538
Yamamoto, T. *see* Akagi, F. 43296
Yamamoto, T. *see* Asakawa, M. 3695
Yamamoto, T. *see* Asakawa, M. 43691
Yamamoto, T. *see* Asakawa, M. 43965
Yamamoto, T. *see* Donovan, R.P. 1992
Yamamoto, T. *see* Donovan, R.P. 34699
Yamamoto, T. *see* Hatoh, H. 15132
Yamamoto, T. *see* Ikeda, H. 8546
Yamamoto, T. *see* Ikeda, S. 25354
Yamamoto, T. *see* Inai, M. 9618
Yamamoto, T. *see* Ishii, K. 27210
Yamamoto, T. *see* Ishii, K. 27295
Yamamoto, T. *see* Jogan, K. 32632
Yamamoto, T. *see* Kaya, Y. 48223
Yamamoto, T. *see* Koike, Y. 3496
Yamamoto, T. *see* Lovell, D.R. 10750
Yamamoto, T. *see* Miyoshi, K. 14159
Yamamoto, T. *see* Nishi, T. 22740
Yamamoto, T. *see* Nobuhara, H. 20796
Yamamoto, T. *see* Okuda, S. 46716
Yamamoto, T. *see* Periasamy, R. 852
Yamamoto, T. *see* Sakamoto, T. 14949
Yamamoto, T. *see* Shimizu, H. 48224
Yamamoto, T. *see* Shimomura, S. 41347
Yamamoto, T. *see* Suzuki, G. 28289
Yamamoto, T. *see* Suzuki, M. 29726
Yamamoto, T. *see* Suzuki, T. 16073
Yamamoto, T. *see* Tamai, M. 15244
Yamamoto, T. *see* Tanaka, K. 19208
Yamamoto, T. *see* Terashima, M. 40602
Yamamoto, T. *see* Watanabe, T. 17539
Yamamoto, T. *see* Yamaguchi, M. 37682
Yamamoto, T. *see* Yamaguchi, M. 45722
Yamamoto, W. *see* Awashima, T. 26592
Yamamoto, Y., Hughson, R.L. Failure in rejecting a null hypothesis of stochastic human heart rate variability with $1/f$ spectra 24297
Yamamoto, Y., Matinaga, F., Machida, S., Karlsson, A., Jacobson, J., Bjork, G., Mukai, T. Quantum electrodynamic effects in semiconductor microcavities-microlasers and coherent exciton-polariton emission 20852
Yamamoto, Y., Miura, A., Arakawa, K. Electron-beam machine technology for enhanced-reliability welding 25977
Yamamoto, Y., Miura, A., Kaneko, H., Arakawa, K., Ota, M. Highly reliable technology for electron-beam machines 25966
Yamamoto, Y., Slusher, R.E. Optical processes in microcavities 3722
Yamamoto, Y., Sugimoto, M., Miyake, K., Mori, Y. Evaluation of new micro-connection system using microbumps 17879
Yamamoto, Y., Tsai, C.S., Esteghamat, K., Nishimoto, H. Suppression of sidelobe levels for guided-wave acousto-optic tunable filters using weighted coupling 20445
Yamamoto, Y. *see* Drummond, P.D. 2953
Yamamoto, Y. *see* Funato, T. 17041
Yamamoto, Y. *see* Inoue, S. 12120
Yamamoto, Y. *see* Isshiki, H. 15853
Yamamoto, Y. *see* Jiang-Huai Zhou 10855
Yamamoto, Y. *see* Kashima, N. 37643
Yamamoto, Y. *see* Katsu, T. 24442
Yamamoto, Y. *see* Kobayashi, S. 2702
Yamamoto, Y. *see* Kodama, T. 17040
Yamamoto, Y. *see* Koshida, N. 20543
Yamamoto, Y. *see* Liu, F.T. 19255
Yamamoto, Y. *see* Nakahata, H. 28345
Yamamoto, Y. *see* Okada, M. 15575
Yamamoto, Y. *see* Okumura, K. 17354
Yamamoto, Y. *see* Takayama, R. 6598
Yamamoto, Y. *see* Toda, K. 11444
Yamamoto, Y. *see* Watanabe, K. 3585
Yamamoto, Y. *see* Yamada, T. 16868
Yamamoto, Y. *see* Yamashita, K. 14011
Yamamoto, Y. *see* Yoshikawa, M. 3281
Yamamoto, Y.B. *see* Nishiwaki, H. 17385
Yamamuka, M. *see* Shirafuji, T. 9749
Yamamura, G. *see* Seki, H. 35938
Yamamura, H., Masaki, R., Koizumi, O., Naoi, K., Naito, S., Fukino, M., Fukuyama, Y. Development of powertrain system for Nissan FEV 48322
Yamamura, I. *see* Sugino, T. 34900
Yamamura, K. A simple algorithm for finding all solutions of piecewise-linear resistive circuits 18451
Yamamura, K. Simple algorithms for tracing solution curves 18454
Yamamura, K. Finding all solutions of piecewise-linear resistive circuits using simple sign tests 18455
Yamamura, K. Piecewise-linear analysis of nonlinear resistive networks containing Gummel-Poon models or Shichman-Hodges models 41615
Yamamura, K. A sign test for finding all solutions of piecewise-linear resistive circuits 41616
Yamamura, K., Atarashi, H., Kakimoto, N., Sakota, N., Sato, H., Miyauchi, M., Naito, K., Nukii, T. Flip-chip bonding technology for GaAs-MMIC power devices 19123
Yamamura, K. *see* Mori, Y. 15202
Yamamura, K. *see* Mori, Y. 34727
Yamamura, K. *see* Ohsugi, T. 46838
Yamamura, K. *see* Ohsugi, T. 46839
Yamamura, K. *see* Tamura, N. 46889
Yamamura, K. *see* Yamamoto, K. 38866
Yamamura, M. *see* Sato, K. 18734
Yamamura, N., Aiba, K., Tsunehiro, Y. Primary flux control for induction motor drive 17421
Yamamura, S.'i., Saito, R., Yugo, S., Kimura, T., Murata, M., Kamiya, T. Defect-enhanced interdiffusion at the InGaAs/InAlAs interface due to Si ion implantation 34572
Yamamura, T., Natani, S., Kurosaka, T., Arai, T., Hickel, S.D., Marksberry, C.L., DeCoursin, D.G., Yoshikawa, K., Shioda, S. Preliminary study on next test facility for closed cycle MHD power generation (FUJI-2). IV. High temperature heat exchanger 25356
Yamamura, T. *see* Mizusaki, J. 17364
Yamamura, T. *see* Onuki, T. 44246
Yamamuro, M., Matsushita, M., Wakano, M. TMN implementation strategy based on OSI management standards 45453
Yamana, K., Ohguchi, A., Yamamiya, A. Data gathering equipment for ARGUS 14903
Yamana, M. *see* Kashiwazaki, N. 15130
Yamanaka, A. *see* Kobayashi, K. 15682
Yamanaka, C. *see* Asakawa, M. 3695
Yamanaka, C. *see* Asakawa, M. 43691
Yamanaka, C. *see* Asakawa, M. 43965
Yamanaka, C. *see* Chen, J. 47026
Yamanaka, C. *see* Kuruma, S. 43998
Yamanaka, J. *see* Saitoh, Y. 7254
Yamanaka, J. *see* Saitoh, Y. 46854
Yamanaka, K., Iwasaki, H., Nozue, H., Kasama, K. NA and σ optimization for high NA i-line lithography 2332
Yamanaka, K., Kitazono, M., Aikawa, M., Shimada, S. DL8100 sampling oscilloscope 23775
Yamanaka, K. *see* Ezure, S. 47932
Yamanaka, K. *see* Tsukada, Y. 348
Yamanaka, K. *see* Tsukada, Y. 9289
Yamanaka, M., Hayashi, Y., Sakata, I. In situ hydrogenation of amorphous silicon prepared by thermal decomposition of disilane 9752
Yamanaka, M., Ikoma, K. Preparation and characterization of 3C-SiC heteroepitaxial layers on Si(111) 764
Yamanaka, M. *see* Naito, K. 35706
Yamanaka, M. *see* Naito, K. 35735
Yamanaka, N. *see* Kasukawa, A. 35881
Yamanaka, N. *see* Takahashi, T. 24153
Yamanaka, S. *see* Tadokoro, Y. 13468
Yamanaka, T., Hashimoto, T., Hashimoto, N. A polysilicon TFT technology for high-performance SRAMs 26960
Yamanaka, T., Yoshikuni, Y., Yokoyama, K., Lui, W., Seki, S. Theoretical study on enhanced differential gain and extremely reduced linewidth enhancement factor in quantum-well lasers 12115
Yamanaka, T. *see* Kano, F. 12109
Yamanaka, T. *see* Kitamura, T. 291
Yamanaka, T. *see* Lui, W.W. 12108
Yamanaka, T. *see* Lui, W.W. 43834
Yamanaka, T. *see* Mikazuki, Y. 20108
Yamanaka, T. *see* Sasaki, K. 26924
Yamanaka, T. *see* Sasaki, K. 34048
Yamanaka, T. *see* Seki, S. 35879
Yamanaka, T. *see* Suzuki, M. 26785
Yamanaka, T. *see* Suzuki, M. 26916
Yamanaka, T. *see* Tohmori, Y. 35895
Yamanaka, T. *see* Yamamoto, N. 35777
Yamanaka, T. *see* Yokoyama, K. 12163
Yamanaka, Y., Numai, T., Kasahara, K., Kubota, K. Optical fiber loop memory using vertical to surface transmission electro-photonic device 43380
Yamanashi, A., Tanaka, K., Nagatomo, T., Omoto, O. $BaTiO_3$ films for silicon-on-insulator structure 19823
Yamanashi, H. *see* Katsumata, M. 12624
Yamanashi, H. *see* Katsumata, M. 21272
Yamane, M., Seki, H., Sasaki, K., Noya, A., Shirshige, M. Thermally stable thin-film anodized capacitor made of Ta_2N compound film 19162
Yamane, N., Morikawa, Y., Hamada, H., Fukuda, H. Channel coding performance of an adaptive DCT image coding in combination with M-Transform 13587
Yamane, S., Ohshima, K., Kohashi, Y. Sensing and fuzzy logic control of weld pools in pulsed MIG welding 9040
Yamane, S. *see* Miyawaki, T. 6238
Yamane, S. *see* Takenaka, N. 6240
Yamane, Y. *see* Iwami, T. 25967
Yamani, A., Hamiane, M. Removal of the finite-distance source effect on the Applebaum array 21438
Yamanishi, M., Lee, Y. Scheme for generation of sub-Poissonian photons: antibunching of emission events by population-dependent spontaneous-emission lifetime in semiconductor microcavities 3600
Yamanishi, M. *see* Hayashi, G. 35498
Yamanishi, S. *see* Imasaka, T. 21017
Yamanishi, T. *see* Matsuura, I. 35336
Yamanishi, Y. *see* Fukano, Y. 42574
Yamanishi, Y. *see* Morita, S. 11340
Yamano, K. *see* Jokanovic, D. 30553
Yamano, K. *see* Nakamori, N. 7296
Yamano, S. Feasibility study of high bit rate digital subscriber lines in NTT's metallic local networks 14319
Yamano, Y. *see* Ishihara, K. 16963
Yamanobe, T. *see* Igarashi, Y. 42760
Yamanouchi, K., Chang-Soo Lee Nanometer-fabrication process and GHz-range low-loss SAW filters 20122
Yamanouchi, K., Lee, C.H.S., Yamamoto, K., Meguro, T., Odagawa, H. GHz-range low-loss wide band filter using new floating electrode type unidirectional transducers 2768
Yamanouchi, K., Matsudo, T., Takeuchi, M. Wide bandwidth SAW resonators and VCO using slanted interdigital transducers 2760
Yamanouchi, K., Yasukawa, S., Meguro, T., Wagatsuma, Y. New spurious suppression cut of thin film/$LiNbO_3$ structure for GHz-range SAW filters 11430
Yamanouchi, K. *see* Hatori, M. 3242
Yamanouchi, K. *see* Takeuchi, M. 24546
Yamanouchi, K. *see* Takeuchi, M. 43238
Yamanouchi, T., Kimura, Y., Nakamura, Y., Uchiyama, A. Detection of respiratory sinus arrhythmia by using adaptive filter 15849
Yamao, Y., Saito, S. Low power quadrature modulator IC's for digital mobile communications 18539
Yamao, Y. *see* Tarusawa, Y. 18513
Yamaoka, K. *see* Imai, Y. 24985
Yamaoka, K. *see* Imai, Y. 25049
Yamaoka, S. *see* Nakajima, T. 17379
Yamaoka, S. *see* Taniguchi, T. 34554
Yamaoka, Y. *see* Fujiwara, S. 2314
Yamaoka, Y. *see* Hayashi, G. 35498
Yamaoka, Y. *see* Tanaka, T. 11099
Yamaoko, H. *see* Wada, M. 15601
Yamasaka, K. *see* Hoshihara, N. 48256
Yamasaki, H. Progress in hydrodynamic oscillator type flowmeters 6416
Yamasaki, H. Present status and future view of MHD electrical power generation 47820
Yamasaki, H., Horioka, T., Harada, N., Tsutsumi, K., Kubota, Y., Shioda, S. Studies on supersonic flow behavior in closed cycle Faraday MHD generator 25824
Yamasaki, H. *see* Arimoto, Y. 20130
Yamasaki, H. *see* Awano, A. 17177
Yamasaki, H. *see* Harada, N. 25358
Yamasaki, H. *see* Morishita, N. 48339
Yamasaki, H. *see* Ohkubo, K. 43277
Yamasaki, H. *see* Yoshikawa, K. 25353
Yamasaki, K. *see* Fujii, S. 15765
Yamasaki, M. *see* Makishi, Y. 31837
Yamasaki, S., Sugita, K., Ito, K., Kirii, K., Suzuki, T. Safety devices for the 750 m/min elevators installed in the Landmark Tower, Yokohama 40576
Yamasaki, S. *see* Hattori, K. 27910
Yamasaki, T., Hinata, T., Hosono, T. Scattering of electromagnetic waves by a conducting strip—numerical analysis by point matching method 4056
Yamasaki, T., Hinata, T., Hosono, T. Scattering of electromagnetic waves by a dielectric grating with planar slanted-fringes 12548
Yamasaki, T., Tanaka, H. Scattering of electromagnetic waves by a dielectric grating with planar slanted-fringe 21223
Yamasaki, T. *see* Ohnuki, S. 21201
Yamasaki, Y., Imanishi, S., Abe, W., Shibayama, A., Yamamoto, A., Uchida, H., Wada, A., Kajiya, A. Low-voltage 4-Mbit DRAM MN41V4400/MN41V4800 34040
Yamasaki, Y. *see* Nobuomi Imai 31835
Yamasawa, K. *see* Onodera, S. 25437
Yamasawa, K. *see* Onodera, S. 47882
Yamashina, H., Okumura, S., Mizuyama, H. A new quality design with multiobjective characteristics minimizing manufacturing costs 17955
Yamashina, M. *see* Enomoto, T. 18801
Yamashina, M. *see* Enomoto, T. 18818
Yamashina, M. *see* Inoue, T. 27000
Yamashina, M. *see* Inoue, T. 41936
Yamashina, M. *see* Matsutake, M. 17497
Yamashiro, S. *see* Nakamura, Y. 39565
Yamashiro, T. *see* Takara, T. 21645

Yamashita, A., Itoh, N., Naganawa, K., Masumoto, T., Mitoh, H., Tanaka, M., Shizawa, H., Takiguchi, O. The 2nd generation LSIs for MUSE decoder 35045
Yamashita, A. *see* Hayashi, T. 11819
Yamashita, A. *see* Ikehara, M. 27068
Yamashita, B.T., Kurii, T. Attitude control test of flexible spacecraft 15950
Yamashita, E. *see* Ma, Z. 21303
Yamashita, E. *see* Nakajima, M. 12683
Yamashita, E. *see* Qian, Y. 18949
Yamashita, H. Partial discharge measurements in dielectric liquids under impulse voltage 38639
Yamashita, H., Matsumoto, Y., Mushika, Y. Density compensating method to compensate dynamic heat accumulations for dye transfer printing 17641
Yamashita, H., Nakamae, T., Okano, T., Hammam, M.S.A.A., Burns, C., Adams, G. A color graphics display of the field intensity around the insulator on 13.2 kV distribution lines 32439
Yamashita, H., Onvural, R.O. Allocation of buffer capacities in queueing networks with arbitrary topologies 30202
Yamashita, H., Onvural, R.O. On the cell loss distribution of Protocol Data Units in ATM networks 45286
Yamashita, H. *see* Harafuji, K. 18702
Yamashita, H. *see* Hong, S. 22315
Yamashita, H. *see* Kitsukawa, G. 26921
Yamashita, H. *see* Kitsukawa, G. 26953
Yamashita, H. *see* Sasaki, M. 38563
Yamashita, H. *see* Takami, A. 8121
Yamashita, I., Jun Tang, Masuda, H., Kawamura, K. Visual display considerations of a teleoperated robot system via ISDN communication lines 37385
Yamashita, K., Endo, M., Sasago, M., Nomura, N., Nagano, H., Mizuguchi, S., Ono, T., Sato, T. Performance of 0.2 μm optical lithography using KrF and ArF excimer laser sources 27941
Yamashita, K., Hirayasu, M., Okafuji, K., Komesu, K., Miyagi, H. Multivariable self-tuning regulator for load frequency control based on dual-rate sampling with controlling delay 24663
Yamashita, K., Kahai, M.H., Nakachi, T., Miyagi, H. A design method of an adaptive multichannel IIR lattice predictor for k-step ahead prediction 1333
Yamashita, K., Kehara, S. A study of network logic for wafer-scale parallel-access memory and yield analysis 41905
Yamashita, K., Ohtsuki, F., Yamamoto, Y. A real-time configuration management system using two-pin optical fiber identification devices for optical fiber cable networks 14011
Yamashita, K. *see* Ishihara, K. 15715
Yamashita, K. *see* Kunieda, H. 15683
Yamashita, K. *see* Matsuoka, K. 27882
Yamashita, K. *see* Miyagi, H. 18006
Yamashita, K. *see* Miyagi, H. 18007
Yamashita, K. *see* Nozawa, J. 25436
Yamashita, K. *see* Ohno, S. 35590
Yamashita, K. *see* Taguchi, M. 4273
Yamashita, K. *see* Zhou, M. 29676
Yamashita, M. Nonlinear organic crystals and femtosecond laser pulse compression 12328
Yamashita, M., Higuchi, H., Takemura, H., Okuno, E. Charge/discharge behavior of metal hydride mixed with conductive binder for the anode of Ni-MH batteries. Influences of conductive binder on discharge characteristics of metal hydride electrodes 40408
Yamashita, M. *see* Kakugawa, H. 5531
Yamashita, M. *see* Kozawa, A. 40398
Yamashita, M. *see* Ohki, H. 15075
Yamashita, M. *see* Sato, N. 14739
Yamashita, M. *see* Torizuka, K. 35708
Yamashita, N., Tsukamoto, K., Yachi, T. A board-mounted power supply module using a new low power dissipation-control IC 33875
Yamashita, N. *see* Kurumada, A. 8259
Yamashita, O., Kawamura, H., Nakashima, H., Ishii, Y., Itoh, K., Kaneko, K., Usui, M. Technical development in fluorescent indicator panels 23828
Yamashita, S., Okoshi, T. Noise theory of distributed optical amplifiers and its application to fiber amplifiers 43768
Yamashita, S. *see* Endo, M. 35666
Yamashita, S. *see* Ishikawa, Y. 42173
Yamashita, S. *see* Matsunaka, T. 15709
Yamashita, S. *see* Shinoda, H. 15827
Yamashita, S. *see* Toriumi, Y. 38299
Yamashita, T., Nakashima, H., Haraguchi, N., Yasui, H., Nagano, K., Nagashima, M. Measuring method of piezoelement displacement characteristics as nanometer moving means 23903
Yamashita, T., Shibata, T., Ohmi, T. Neuron MOS winner-take-all circuit and its application to associative memory 34199
Yamashita, T. *see* Endo, H. 14320
Yamashita, T. *see* Honda, T. 3878
Yamashita, T. *see* Inoue, Y. 42779
Yamashita, T. *see* Itoh, K. 20329
Yamashita, T. *see* Mizugaki, Y. 2899
Yamashita, T. *see* Mizugaki, Y. 42124
Yamashita, T. *see* Noda, S. 12119
Yamashita, T. *see* Sugitani, K. 1280
Yamashita, T. *see* Ueno, F. 1212
Yamashita, Y., Kanai, H., Furukawa, O. Low-firing Y5P relaxor dielectric material for multilayer ceramic capacitor 11367
Yamashita, Y., Ogawa, H. Optimum image restoration and topological invariance 13581
Yamashita, Y., Tanaka, M., Amako, Y., Nomura, Y., Ohta, Y., Kitoh, A., Kakusho, O., Mizoguchi, R. Tree-based approaches to automatic generation of speech synthesis rules for prosodic parameters 21690
Yamashita, Y. *see* Ando, A. 38832
Yamashita, Y. *see* Arakawa, T. 19441
Yamashita, Y. *see* Arakawa, T. 27860
Yamashita, Y. *see* Fujiwara, S. 2314
Yamashita, Y. *see* Inoue, Y. 42779
Yamashita, Y. *see* Matsumoto, H. 13017
Yamashita, Y. *see* Nagata, H. 27885
Yamashita, Y. *see* Ohta, T. 34860
Yamashita, Y. *see* Oizumi, H. 27855
Yamashita, Y. *see* Sano, M. 18177
Yamashita, Y. *see* Uwano, Y. 19187
Yamatani, K. *see* Inoue, T. 13533
Yamato, I. *see* Tokunaga, N. 17036
Yamato, J., Ohya, J., Ishii, K. Recognizing human action in time-sequential images using hidden Markov models 29459
Yamato, K. *see* Kamiura, N. 26846
Yamato, K. *see* Noguchi, H. 40405
Yamato, S., Murata, Y., Suzuki, K.-i. Recent technology of water turbines 32778
Yamauchi, H., Sekiguchi, M., Taniguchi, T. High-speed low-voltage-operated 16-Mbit CMOS DRAM 34039
Yamauchi, H., Suzuki, T., Sawada, A., Iwata, T., Tsuji, T., Agata, M., Taniguchi, T., Odake, Y., Sawada, K., Ohnishi, T., Fukumoto, M., Fijita, T., Inoue, M. A circuit technology for high-speed battery-operated 16-Mb CMOS DRAM's 26918
Yamauchi, H., Suzuki, T., Sawada, A., Iwata, T., Tsuji, T., Agata, M., Taniguchi, T., Odake, Y., Sawada, K., Ohnishi, T., Fukumoto, M., Fujita, T., Inoue, M. A 20 ns battery-operated 16 Mb CMOS DRAM 26951
Yamauchi, H. *see* Hyatt, S.O. 10974
Yamauchi, J., Ando, T., Nakano, H. Analysis of 1×3 coupled-waveguide optical power dividers by the implicit finite-difference method 11649
Yamauchi, J., Ando, T., Nakano, H. Analysis of dielectric hollow slab waveguides using the finite-difference beam-propagation method 20367
Yamauchi, J. *see* Nakano, H. 12741
Yamauchi, J. *see* Nakano, H. 36356
Yamauchi, J. *see* Nakano, H. 36415
Yamauchi, K., Kitao, H., Higuchi, H., Maruyama, H., Maeda, M. Evaluation of a binary PSK optimum receiver for the impulsive noise of thyristors 44415
Yamauchi, K. *see* Mori, Y. 15202
Yamauchi, K. *see* Mori, Y. 34727
Yamauchi, K. *see* Yoshizawa, Y. 2785
Yamauchi, M., Kawai, N., Yoshida, A., Matsuoka, M. Recovery effect from a deposit on the anode wire of proportional counters 7162
Yamauchi, M., Takeya, N., Matsuda, K., Honma, K. Three dimensional display of MRI data using multiple exposure holograms 15811
Yamauchi, M. *see* Kanki, T. 28370
Yamauchi, N., Reif, R. Polycrystalline silicon thin films processed with silicon ion implantation and subsequent solid-phase crystallization: Theory, experiments, and thin-film transistor applications 42654
Yamauchi, N. *see* Ohira, F. 14607
Yamauchi, N. *see* Okamura, M. 43676
Yamauchi, N. *see* Otsuka, N. 3412
Yamauchi, N. *see* Shirai, S. 5674
Yamauchi, O. *see* Yoshioka, K. 5998
Yamauchi, R. *see* Aizawa, T. 35439
Yamauchi, R. *see* Himeno, K. 35416
Yamauchi, R. *see* Wada, A. 11587
Yamauchi, S. *see* Inamori, S. 38289
Yamauchi, T., Takahashi, T., Schulman, J.N., Arakawa, Y. Theoretical analysis of band structures and lasing characteristics in strained quantum wire lasers 12205
Yamauchi, T. *see* Hama, H. 25042
Yamauchi, Y., Uwai, K., Kobayashi, N. In situ spectrum observation of Ga deposition process during GaAs metal-organic chemical vapor deposition using surface photo-absorption 9751
Yamauchi, Y. *see* Taniguchi, N. 39845
Yamauchi, Y. *see* Uwai, K. 18283
Yamauchi, Y. *see* Yamada, H. 43142
Yamauchi, Y. *see* Yoneda, Y. 34939
Yamaura, S. *see* Fujii, T. 692
Yamawaki, K., Kuwashima, S., Takagi, K., Suzuki, N., Murata, K., Shirogami, T. Development of Ni-H_2 cells of individual pressure vessel for spacecraft applications. II. Evaluation of newly prepared inorganic fiber matted separator 47209
Yamawaki, K., Sakurai, T. PBX application systems by open application interface architecture 14348
Yamazaki, A. Multichannel transmission technologies on cable TV 38317
Yamazaki, A. *see* Sato, N. 24620
Yamazaki, C. *see* Kanazawa, M. 15457
Yamazaki, G. *see* Miyazawa, M. 17997
Yamazaki, H., Otake, T., Takeda, T., Maeda, N., Murakami, K. The Hf Series: new office luminaries 8978
Yamazaki, H., Yamaguchi, M., Fukushima, S. Holographic optical switching using a ferroelectric liquid crystal spatial light modulator 3927
Yamazaki, H. *see* Arai, R. 20278
Yamazaki, H. *see* Kitamura, M. 12159
Yamazaki, H. *see* Watanabe, K. 19342
Yamazaki, J. *see* Hama, H. 43969
Yamazaki, J. *see* Toyoshima, H. 655
Yamazaki, J.-i. *see* Kanaya, N. 15318
Yamazaki, K., Okuda, K., Abe, T., Uchikawa, Y., Shimura, T., Kotani, M. Development of a prefabricated-magnetically-shielded room of hexagonal shape for biomagnetic measurement 24137
Yamazaki, K., Wada, M., Takishima, Y., Wakahara, Y. ATM networking and video-coding techniques for QOS control in B-ISDN 5588
Yamazaki, K., Yamada, T. SIFLAP-G: a method of diagnosing gate-level faults in combinational circuits 10115
Yamazaki, K., Yamada, T. A method of diagnosing bridging faults between n nets in combinational circuits 33992
Yamazaki, K. *see* Sasaki, T. 30705
Yamazaki, M., Kitaoka, T. For the practical use of the very small EV 'Dream Mini' 48320
Yamazaki, M. *see* Mizutani, H. 34095
Yamazaki, N. *see* Mochimaru, M. 29997
Yamazaki, O., Nakamura, K., Sakamoto, H., Ohnishi, S., Sakiyama, K. In situ rapid thermal nitridation of collimated titanium by physical vapor deposition as a blanket tungsten barrier 42761
Yamazaki, R. *see* Numata, H. 40455
Yamazaki, S. ISDB: a layered model for Integrated Services Digital Broadcasting 46180
Yamazaki, S. *see* Moride, H. 13949
Yamazaki, S. *see* Mukai, K. 41375
Yamazaki, S. *see* Okamoto, H. 6250
Yamazaki, S. *see* Sakamoto, K. 27870
Yamazaki, S. *see* Sakamoto, K. 27912
Yamazaki, S. *see* Sugawara, M. 28855
Yamazaki, S. *see* Sumi, K. 22631
Yamazaki, T., Kawai, M., Yokoyama, K., Hada, S. High-speed photodetector 23627
Yamazaki, T., Kobayashi, T., Sawa, T., Mizukoshi, A., Shirakawa, S. Surge arresters monitoring systems in AC-DC converter stations 17130
Yamazaki, T. *see* Amano, T. 3056
Yamazaki, T. *see* Ariyoshi, K. 5427
Yamazaki, T. *see* Kunieda, H. 15683
Yamazaki, T. *see* Ohgaki, H. 7190
Yamazaki, T. *see* Sato, M. 21435
Yamazaki, T. *see* Suzuki, H. 11331
Yamazaki, T. *see* Yokoyama, M. 46720
Yamazaki, Y., Miyoshi, M. Aberration properties of the quadrupole triplet with a line source for a micro-probe optics 44262
Yamazaki, Y. *see* Kawai, N. 35226
Yamazaki, Y. *see* Suetake, M. 6993
Yamazaki, Y. *see* Tomida, K. 17332
Yamazaki, Y. *see* Tomita, N. 17376
Yamazaski, T. *see* Aoyama, T. 19829
Yamazato, T., Sasase, I., Mori, S. A new Viterbi algorithm with adaptive path reduction method 21597
Yamazoe, H. *see* Uchida, K. 8726
Yamazoe, N. *see* Anno, Y. 46529
Yamazoe, N. *see* Shimizu, Y. 48078
Yamazoe, N. *see* Yao, S. 6648
Yamazoe, T. *see* Hashizume, M. 10210
Yambiao Mei *see* Mei Yambiao
Yamdagni, N. *see* Dell'Acqua, A. 7283
Yamdagni, N. *see* Dell'Acqua, A. 46998
Yamin, H., Pallivathikal, M., Elster, E. Improvement of the voltage delay in the Li/$SOCl_2$ system—SEM and AC spectroscopy study 17169
Yamin, H. *see* Aurbach, D. 48081
Yamin, H. *see* Nimberger, A. 17188
Yaming Wu, Liren Liu, Zhijiang Wang Optical implementation of the perfect shuffle network 11734
Yaming Wu, Liren Liu, Zhijiang Wang Modified gamma network and its optical implementation 20454
Yaming Wu, Liren Liu, Zhijiang Wang Characteristics, routing algorithm, and optical implementation of two-dimensional perfect-shuffle networks 20456
Yaming Wu, Liren Liu, Zhijiang Wang Optical crossbar elements used for switching networks 37684
Yamnikov, V.S. *see* Shcheslov, A.S. 32593
Yamori, A., Yanagisawa, M., Kawasima, N., Furukawa, S. Development of railgun accelerator at the Institute of Space and Astronautical Science (ISAS) 4020
Yampol'skiy, A.V. A passive ring-shaped reradiator for a balanced electric dipole 12789
Yampol'skiy, A.V. *see* Pimenov, V.Yu. 12782
Yan, C. *see* Hexu, S. 8571
Yan, C.B. *see* Li, H.C. 35261
Yan, D. *see* Yin, Y. 2573
Yan, F.N., Wong, H.K. Force between the plates of a parallel-plate capacitor 19164

Yan, H., Luh, P.B., Guan, X., Rogan, P.M. Scheduling of hydrothermal power systems 24615
Yan, H. *see* Lam, K.-M. 29783
Yan, H. *see* Zhi, Z. 5105
Yan, H.H., Chow, J.-C., Fischl, R., Chen, R.X. On the design of a practical neural network for on-line prediction of voltage drops and line flows 39453
Yan, J., Lawlor, R., Ryan, M. Image motion detection and analysis using fuzzy logic 13721
Yan, J., Shih, S., Jung, K.H., Kwong, D.L., Kovar, M., White, J.M., Gnade, B.E., Magel, L. Study of thermal oxidation and nitrogen annealing of luminescent porous silicon 34781
Yan, J. *see* Yan, S.L. 38476
Yan, J.-T. *see* Chang, L.-D. 18579
Yan, L., Haji-Sheikh, A., Beck, J.V. Thermal characteristics of two-layered bodies with embedded thin-film heat source 322
Yan, L. *see* Chen, J. 5657
Yan, L. *see* Shih, Y.H. 20989
Yan, L. *see* Zhang, H.Y. 44129
Yan, L.G., Wang, Z.K., Gao, Z.Y., Han, B.S., Peng, S.W., Wang, S.L., Jing, B.H., Lin, L.Z. Construction of a large saddle superconducting magnet for MHD power generation 25331
Yan, M. *see* Chung, K. 34421
Yan, M. *see* Rothberg, L.J. 35567
Yan, M.C. *see* Silka, M.J. 24281
Yan, M.F. *see* Michaels, P.A. 6019
Yan, R.H., Liu, T.M., Sung, J.J., Possanza, W.A., Prozonic, M.A., LaDuca, A.J., Chiu, T.Y. Application of base drift field measurement to processing optimization of advanced bipolar transistors 11181
Yan, S.L., Fang, L., Fan, Q.Z., Feng, H.H., Cao, H.L., Song, Q.X., Yan, J., Yang, X.M. High T_c microwave detectors 38476
Yan, T.-Y. *see* Wilson, K.E. 6048
Yan, W.-M., Chung, K.-L. A fast algorithm for solving special tridiagonal systems 41153
Yan, X.G. Dynamic Levkov-Christov subtraction of mains interference 31962
Yan, X.L. *see* Lidsky, L.M. 39839
Yan, X.L. *see* Williams, P.M. 47691
Yan, Y. *see* Caussyn, D.D. 38778
Yan, Y. *see* Coulthard, J. 6850
Yan, Y. *see* Coulthard, J. 6852
Yan, Y. *see* Coulthard, J. 6856
Yan, Y. *see* Ellison, M. 38779
Yan, Y. *see* Lee, S.Y. 7040
Yan, Y.H., Chung, F.C., Chen, C.S. Effect of mutual coupling to the reactive power placement of power systems 32260
Yan, Y.T. Success in one-turn maps for dynamic aperture studies—a brief review [circular particle accelerators] 38780
Yan, Y.T. *see* Huang, H. 23976
Yan, Y.T. *see* Li, D. 6973
Yan, Z., Lin, Z. Analysis of sandwich transducer consisting of multi-pair of piezoelectric ceramics with losses 11401
Yan Bolin *see* Bolin Yan
Yan Chen *see* Li Zhichang 7293
Yan Chunhui *see* Chunhui Yan
Yan Cui, Dunjie Cui, Jiuhua Tang Study on the characteristics of an imaging spectrum system by means of an acousto-optic tunable filter 11718
Yan Dapen *see* Dapen Yan
Yan Dawei *see* Ma Xiaocui 31327
Yan Fang Equivalent step-index-fiber method for multicladding fibers 43392
Yan Guizhen *see* Qian Gang 42741
Yan Guo, Gang Xu, Tsuji, S. Tracking human body motion based on a stick figure model 45209
Yan Hai *see* Bao Ximao 27623
Yan Heping *see* Fang Zhihao 19858
Yan Heqing *see* Heqing Yan
Yan Huang *see* Xinhua Zhuang 45019
Yan Huo, Schreiber, R. Efficient, massively parallel eigenvalue computation 26361
Yan Jianping *see* Jianping Yan
Yan Kuin Su *see* Jiin Wen Li 20549
Yan Li *see* Li Yan
Yan Liu *see* Liu Yan
Yan Min-Zhoung *see* Min-Zhoung Yan
Yan Mingdi *see* Mingdi Yan
Yan Mingzhen *see* Lan Jixiang 25820
Yan Pei-yang *see* Pei-yang Yan
Yan Ping, Wang Yongrong, Sun Guangsheng, Feng Rongqiong Simulating calculation of DC interrupting 17118
Yan Ping *see* Feng Rongqiong 17121
Yan Ping *see* Sun Guangshen 17120
Yan Ping *see* Wang Yongrong 17119
Yan Ping *see* Xin Jianguo 11919
Yan Ping *see* Ping Yan
Yan Pu-Qiang *see* Gao Hong 38682
Yan Qihua *see* Zou Haizing 2280
Yan Rongliang *see* Ren Diyuan 9984
Yan Rongliang *see* Zhang Guoqiang 1960
Yan Rongliang *see* Zhang Guoqiang 2527
Yan Rongliang *see* Zhang Guoqiang 42987
Yan Shao Lin *see* Shao, K. 33997
Yan Shenghui *see* Shenghui Yan
Yan Tu *see* Tu Yan
Yan Wang, Chudgar, M.H., Jackson, H.W., Miller, J.S., De Brabander, G.N., Boyd, J.T. Characterization of Si_3N_4/SiO_2 optical channel waveguides by photon scanning tunneling microscopy 3147
Yan Wei *see* Wei Yan
Yan Weile *see* Gu Junhua 44193
Yan Xiaolang *see* Zheng Ning 28244
Yan Xu *see* Chen Juxin 38501
Yan Yang *see* Yang Yan
Yan Yangguang *see* Zhao Yu 8544
Yan Ye, Liu, B.Y.H., Pui, D.Y.H. Condensation induced particle formation during vacuum pump down 1991
Yan Yi, Lu Baohua The rain induced attenuation calculated by the particle-tracking method at millimeter wave band 12605
Yan Yi *see* Yi Yan
Yan Yinbai *see* Yinbai Yan
Yan Yixun *see* Cheng Shiping 43606
Yan Yixun *see* Yixun Yan
Yan Yong A distributed mutual exclusion algorithm based on token chasing 5557
Yan Yong, Wang Yu-Rong Computer network of precision measurement 6773
Yan Yong *see* Yong Yan
Yan Yu *see* Zou Haizing 2280
Yan Zhou *see* Zhou Yan
Yan Zhounan, Zhou Rujing A new approach for AC drive design and analysis 17508
Yan-Bin Liu *see* Liu Yan-Bin
Yan-Bing Liu *see* Liu Yan-Bing
Yan-Da Li *see* Li Yan-Da
Yan-Fen Zang *see* Zang Yan-Fen
Yan-Kuin Su, Ruey-Lue Wang, Hann-Huei Tsai Delta-doping interband tunneling diode by metal-organic chemical vapor deposition 34894
Yan-Kuin Su *see* Chin-Tsar Hsu 3347
Yan-Ming Liu, Prucnal, P.R. Slow amplitude modulation in the pulse train of a self-mode-locked Ti:sapphire laser 35751
Yan-Pei Wu *see* Wen-Chun Chen 1292
Yan-Quan Liu *see* Hong-Bo Zu 7995
Yan-Shou Zhou *see* Zhou Yan-Shou
Yan-Tai Peng *see* Peng Yan-Tai
Yan-Yun Zhou *see* Zhou Yan-Yun
Yan-Zhou Zhou *see* Zhou Yan-Zhou
Yana, K. *see* Mizuta, H. 36749
Yana, K. *see* Yoshida, H. 38959
Yanabe, J. *see* Ishida, Y. 14854
Yanabe, S. Optical vibration measurement of mechatronics devices 38751
Yanabu, S., Yokota, T. Recent technical trend high voltage gas circuit breaker 17107
Yanabu, S. *see* Suzuki, K. 25568
Yanagawa, S., Miki, I. PID auto-tuning controller using a single neuron for DC servomotor 8436
Yanagawa, T. *see* Ogihara, T. 18324
Yanagawa, T. *see* Ogihara, T. 48058
Yanagi, H., Imamura, M., Ashida, M. Electrical and photoconductive properties of orientation-controlled chloroaluminumphthalocyanine thin films 35555
Yanagi, H., Kataura, H., Ueda, Y. Improved photovoltaic properties for Au/AlPcCl/n-Si solar cells with morphology-controlled AlPcCl deposition 25703
Yanagi, J. *see* Kozaki, T. 22732
Yanagi, S. *see* Satoh, N. 17968
Yanagi, S. *see* Yuge, T. 33444
Yanagi, T. *see* Furuta, T. 40654
Yanagi, T. *see* Mochizuki, K. 35335
Yanagi, T. *see* Shiraishi, K. 43393
Yanagida, H. *see* Mori, N. 23647
Yanagida, H. *see* Traversa, E. 31340
Yanagida, H. *see* Ushio, Y. 31338
Yanagida, K. *see* Youyang Wu 46957
Yanagibara, K. *see* Manabe, Y. 19690
Yanagihara, M., Ota, Y., Tamura, A. AlGaAs/GaAs heterojunction bipolar transistor operating at low voltages for communication systems 34240
Yanagihara, N., Siu, C., Kanota, K., Kubota, Y. A video coding scheme with a high compression ratio for consumer digital VCRs 4938
Yanagihara, N. *see* Morishita, N. 48339
Yanagihara, Y., Sugahara, T., Sugimoto, N. Extraction of vessels in brain using ultra fast X-ray CT images 47050
Yanagihara, Y. *see* Sugimoto, N. 24233
Yanagimoto, Y. A fast-switching, high-isolation multiplexer 37659
Yanagimoto, Y., Nukiyama, A. Receiver design for a combined RF network and spectrum analyzer 38423
Yanagisawa, C. *see* McNeil, R.R. 24014
Yanagisawa, H. *see* Tanaka, T. 3616
Yanagisawa, H. *see* Tanaka, T. 3671
Yanagisawa, J. *see* Wakaya, F. 28224
Yanagisawa, J. *see* Yamamoto, T. 27538
Yanagisawa, K. *see* Hosaka, H. 27340
Yanagisawa, K. *see* Ohkubo, T. 11495
Yanagisawa, M. Adsorption and configuration of lubricant molecules on overcoat materials 2808
Yanagisawa, M. *see* Yamori, A. 4020
Yanagisawa, T., Nakagawa, Y. Determination of optimum dimensions for unimorph type piezoelectric loudspeaker 31066
Yanagisawa, T., Nakagawa, Y. Piezoelectric type loudspeaker driven by 16 bit digital signal and its acoustic responses 31067
Yanagisawa, T. *see* Furuya, S. 16717
Yanagisawa, T. *see* Kimura, S. 7393
Yanagisawa, T. *see* Koike, N. 38762
Yanagita, Y., Hanajima, N., Eisaka, T., Tsuchiya, T., Tagawa, R. A design of fuel injection servo system based on robust model matching 25913
Yanai, D. *see* Hayashi, Y. 22995
Yanai, D. *see* Hayashi, Y. 30813
Yanai, D. *see* Ichihashi, Y. 38112
Yanai, H. *see* Okumoto, Y. 17636
Yanai, Y. *see* Sato, Y. 3986
Yanai, Y. *see* Shishido, A. 23827
Yanaka, K. *see* Ando, D. 29891
Yanase, T. *see* Nakayama, T. 8653
Yanashima, K. *see* Ebihara, D. 39107
Yanashima, K. *see* Watada, M. 39108
Yanbei Li *see* Li Yanbei
Yanbin Gang Zhang *see* Gang Zhang Yanbin
Yanda Li *see* Li Yanda
Yandao Jiang *see* Jiang Yandao
Yandong He *see* Mingzhen Xu 19465
Yanfei Zheng *see* Zheng Yanfei
Yanfeng Li *see* Li Yanfeng
Yang, A.T., Yu Liu, Yao, J.T. An efficient non-quasi-static diode model for circuit simulation 28085
Yang, A.T. *see* Chang, Y.-H. 26594
Yang, A.T. *see* Daniels, R.R. 11243
Yang, A.T. *see* Kipp, R. 1641
Yang, B. Gradient based subspace tracking algorithms and systolic implementation 29686
Yang, B., Chen, H. Reduced-order shaft system models of turbogenerators 25376
Yang, B., Ciullo, G., Guidi, V., Tecchio, L. Analytical calculation of space charge current of high-voltage plane diode electron gun 12528
Yang, B. *see* Aleksandrov, A.V. 31655
Yang, B. *see* Aleksandrov, A.V. 38805
Yang, B. *see* Calabrese, R. 34473
Yang, B. *see* Calabrese, R. 38804
Yang, B.H., Gislason, H.P., Linnarsson, M. Lithium passivation of Zn and Cd acceptors in *p*-type GaAs 10857
Yang, B.J. *see* Lu, Y.M. 44120
Yang, B.L., Wang, X., Cheng, Y.C. Leakage current characteristics of metal-oxynitride-silicon capacitors before intrinsic dielectric breakdown 34609
Yang, B.L., Wong, H., Cheng, Y.C. Study of process-dependent electron-trapping characteristics of thin nitrided oxides 27594
Yang, C., Yokoyama, A., Sekine, Y. Fault section estimation of power system using color time Petri nets 25080
Yang, C.-L. *see* Reinhardt, K. 34743
Yang, C.C., Nelson, B.L., Allen, B.R., Jones, W.L., Horton, J.B. Cryogenic characteristics of wide-band pseudomorphic HEMT MMIC low-noise amplifiers 19100
Yang, C.C., Pan, D.-S. Millimeter-wave simulation of a series-integrated resonant tunneling diode including transit time effect 1523
Yang, C.C., Villeneuve, A., Stegeman, G.I., Cheng-Hui Lin, Hao-Hsiung Lin Anisotropic two-photon transitions in GaAs/AlGaAs multiple quantum well waveguides 43456
Yang, C.C., Villeneuve, A., Stegeman, G.I., Cheng-Hui Lin, Hao-Hsiung Lin, I-Peng Chiou Nonlinear polarization switching near half the band gap in semiconductors 3772
Yang, C.C., Villeneuve, A., Stegeman, G.I., Lin, C.-H., Lin, H.-H. Effects of dispersive two-photon transitions on femtosecond pulse propagation in semiconductor waveguides 3093
Yang, C.C. *see* Miau, J.J. 6384
Yang, C.H., Wilson, R.A. Realization of a novel resonant-tunneling hot-electron transistor: competition of ultrafast resonant-tunneling and energy relaxation 42884
Yang, C.Q., Bhargava, V.K. Optimum selection of error control coding using neural networks 21779
Yang, C.Y., Qiao, J., Ajimine, E.M., Patel, P.P. Fabrication and electrical characterization of superconductor-on-silicon devices 35288
Yang, C.Y. *see* Jianmin Qiao 43351
Yang, D. *see* Sharma, A.K. 1649
Yang, D.H.-Y. *see* Pozar, D.M. 44568
Yang, D.K., Doane, J.W., Yaniv, Z., Glasser, J. Cholesteric reflective display: drive scheme and contrast 43554
Yang, D.R. *see* Chen, C.S. 19482
Yang, E.S. *see* Li, P.W. 10912
Yang, E.S. *see* Liou, H.-K. 1945
Yang, E.S. *see* Wang, Y. 20535
Yang, E.S. *see* Yang, Y.F. 26783
Yang, F., Fuoss, D., Lane, E., Archer, T., Yang, K.-W. Characterization of collector-emitter leakage in self-aligned double-poly bipolar junction transistors 11147
Yang, G., Chin, T.-H. MRAS-based speed sensorless control scheme with stator resistance identification function for vector-controlled induction motor drives 8360
Yang, G., Chin, T.-H. Hyperstability of the full-order observer for vector-controlled induction motor drive without speed sensor 8361

Yang, G., Chin, T.-H. Adaptive-speed identification scheme for a vector-controlled speed sensorless inverter-induction motor drive 8796
Yang, G., Leich, H. Dynamic scalar quantization of LSP (line spectral pair) 4571
Yang, G., Pahlavan, K., Holt, T. Model based performance evaluation of sector antenna and DFE systems in indoor radio channels 37811
Yang, G., Tomioka, R., Nakano, M., Chin, T.-H. Position and speed sensorless control of brushless DC motor based on an adaptive observer 16886
Yang, G., Zanellato, G., Leich, H. A fast CELP vocoder with efficient computation of pitch 14312
Yang, G. *see* Fay, B. 16052
Yang, G.-C. *see* Kwong, W.C. 44739
Yang, G.-R. *see* Dabral, S. 294
Yang, G.Z. *see* Lu, H.B. 33716
Yang, H. *see* Morris, J.E. 3370
Yang, H. *see* Namavar, F. 20558
Yang, H. *see* Richards, G.G. 24846
Yang, H. *see* Xue, K.H. 25638
Yang, H.-Y., Uslenghi, P.L.E. Planar bianisotropic waveguides 4231
Yang, H.-Y. *see* Horng, T.-S. 12691
Yang, H.C. *see* Beomsup Kim 34185
Yang, H.S. *see* Kim, I.Y. 13641
Yang, J., Kim, W. Analogue to digital convertor architecture with a signal level detector 27007
Yang, J. *see* Banerjee, A. 48113
Yang, J. *see* Butler, H. 46326
Yang, J. *see* Jones, S.J. 33051
Yang, J. *see* Li, H.Q. 35278
Yang, J. *see* Li, X.Q. 10812
Yang, J. *see* Liu, T. 14796
Yang, J. *see* Raaijmakers, I.J. 18247
Yang, J. *see* Suzuki, H. 28659
Yang, J. *see* Teoh, H. 386
Yang, J. *see* Xu, X. 48142
Yang, J.-F. *see* Ma, D.-S. 14781
Yang, J.-F. *see* Sung, Y.-C. 4660
Yang, J.-F. *see* Tsai, C.-J. 36662
Yang, J.-J., Chou, P.-C., Chung, S.S., Chen, C.-S., Lin, M.-S. Suppression of the hot carrier effect in designing LATID MOS devices based on a new substrate current model 20017
Yang, J.-W. *see* Nordell, N. 41449
Yang, J.G., Choi, J.W., Choi, J.H., Chang, H.Y., Choi, D.I., Bengtson, R.D. Simplified large current crowbar switch using thyristors 8618
Yang, J.J. *see* Bowler, D.P. 20937
Yang, J.J. *see* Faraji-Dana, R. 27132
Yang, J.J. *see* Jansen, M. 20847
Yang, J.J. *see* Mawst, L.J. 12182
Yang, J.J. *see* Ou, S.S. 12221
Yang, J.J. *see* Ou, S.S. 20861
Yang, J.L. *see* Jouppi, N.P. 26965
Yang, J.R. *see* Wang, L.P. 19421
Yang, J.S. *see* Lee, P.C.Y. 18978
Yang, J.W. *see* Choi, S.W. 2072
Yang, J.W. *see* Choi, S.W. 28205
Yang, J.Y. *see* Liu, L.J. 5077
Yang, K., Scholwater, L.J., Laurich, B.K., Smith, D.L. Growth of GaAs, $In_xGa_{1-x}As$ and $Al_xGa_{1-x}As$ on GaAs(111)B substrates by molecular beam epitaxy 718
Yang, K. *see* Rao, A. 29958
Yang, K.-W. *see* Yang, F. 11147
Yang, K.C. *see* Gao, H.B. 9835
Yang, K.T. *see* Liao, Q.D. 40923
Yang, L., Dorsinville, R., Alfano, R.R. Optical nonlinearity of iron ions in glass matrices 21011
Yang, L., Prasad, R. Online recognition of handwritten characters using differential angles and structural descriptors 22133
Yang, L. *see* Dudley, J.J. 28819
Yang, L. *see* Dudley, J.J. 43830
Yang, L. *see* Haglund, R.F., Jr. 21065
Yang, L. *see* Houng, Y.M. 43874
Yang, L. *see* Jouppi, N.P. 27001
Yang, L.-C., Rockett, A. Cu-Mo contacts to $CuInSe_2$ for improved adhesion in photovoltaic devices 28647
Yang, L.-M. *see* Fermann, M.E. 20756
Yang, L.-M. *see* Stock, M.L. 3483
Yang, L.W., Wright, P.D., Shen, H., Lu, Y., Brusenback, P.R., Ko, S.K., Calderon, L., Hartzler, W.D., Han, W.Y., Dutta, M., Chang, W.H. Effects of heavily carbon-doped base layers on performance of submicron AlGaAs/GaAs heterojunction bipolar transistors 11167
Yang, L.W. *see* Han, W.Y. 19427
Yang, L.W. *see* Komiak, J.J. 1618
Yang, L.W. *see* Lee, H.S. 1937
Yang, L.W. *see* Lu, Z.H. 2452
Yang, L.Y. *see* Hou, J.-Y. 23577
Yang, M., Talke, F.E. Surface roughness investigation of magnetic recording disks using STM and profilometry measurements 20148
Yang, M., Umeno, M., Jimbo, T., Shimizu, H., Soga, T., Egawa, T., Azuma, Y. Integrated wavelength-division photosensor using GaAs on Si 46427
Yang, M. *see* Johnston, R.H. 18979
Yang, M. *see* Moore, C.D. 15401
Yang, M. *see* Suo, Z. 42777
Yang, M.-J. *see* Thompson, P.E. 19523
Yang, M.-T. *see* Chan, Y.-J. 19892
Yang, M.H., Flynn, C.P. Epitaxial growth of MgO single crystal thin film in oxygen atmosphere 9670
Yang, P. *see* Burch, R. 26589
Yang, Q. *see* He, Y. 10414
Yang, Q. *see* Qi, S. 12655
Yang, Q. *see* Wu, W. 1518
Yang, R., Omar, A.S. Investigation of multiple rectangular aperture irises in rectangular waveguide using TE_{mn}^{x}-modes 18960
Yang, R., Omar, A.S. Analysis of thin inclined rectangular aperture with arbitrary location in rectangular waveguide 21343
Yang, R.K. *see* Wang, S.R. 41915
Yang, R.Q. Wave interference and electron tunneling in electron waveguide couplers 2397
Yang, S. Circular, variable, broad-bandpass filters with induced transmission at 200-1100 nm 3301
Yang, S. *see* Harn, L. 21562
Yang, S. *see* Prasad, S. 20009
Yang, S. *see* Takagi, K. 2387
Yang, S.-H. *see* Tasch, A.F. 42613
Yang, S.-M., Pizzorni, P.R., Kavi, K.M., Mei, H. A protocol for real-time message scheduling in LAN/MAN 30417
Yang, S.-Y., Maley, N., Abelson, J.R. The relation between microstructure and electronic properties of magnetron sputtered a-$Si_{1-x}C_x$:H 27494
Yang, S.H. *see* Wang, M.-Z. 31689
Yang, S.J. *see* So, E.C.T. 47914
Yang, S.J.E. *see* Milne, N.G. 8470
Yang, S.T., Eckardt, R.C., Byer, R. L. Power and spectral characteristics of continuous-wave parametric oscillators: the doubly to singly resonant transition 3816
Yang, S.T., Eckardt, R.C., Byer, R.L. 1.9-W cw ring-cavity KTP singly resonant optical parametric oscillator 44137
Yang, S.Z. *see* Gao, H.B. 9835
Yang, T.J. *see* Chen, K. 35296
Yang, W. *see* Gottardi, M. 31318
Yang, W. *see* Pregla, R. 12678
Yang, W. *see* Verma, S.P. 40141
Yang, W.-L. *see* Owens, R.M. 36683
Yang, W.-P. *see* Hwang, M.-S. 12909
Yang, W.-T. *see* Chang, Y.-C. 39654
Yang, W.H. *see* Lo, K.W. 29401
Yang, X., Athale, R.A., Caviris, N.P. Prototype optical neural network system for automatic target recognition 11722
Yang, X., Cao, R., Li, J., Terry, I., Wu, J., Pianetta, P. The epitaxial growth of Ge on Si(100) using Te as a surfactant 18160
Yang, X., Luther-Davies, B., Krolikowski, W. On the properties of waveguide X-junctions written by spatial solitons 12395
Yang, X. *see* Andersen, D.R. 36002
Yang, X. *see* Arodzero, A. 7256
Yang, X. *see* Kivshar, Y.S. 35998
Yang, X. *see* Krolikowski, W. 28995
Yang, X. *see* McKinley, J.T. 44082
Yang, X. *see* Nuns, J. 8995
Yang, X. *see* Yu, F.T.S. 11724
Yang, X. *see* Yu, F.T.S. 11736
Yang, X.H. *see* Shafai, L. 4282
Yang, X.M. *see* Xue, S.Q. 35279
Yang, X.M. *see* Yan, S.L. 38476
Yang, X.Q. *see* Xue, K.H. 25638
Yang, Y., Galatsanos, N.P., Katsaggelos, A.K. Regularized reconstruction to remove blocking artifacts from block discrete cosine transform compressed images 29963
Yang, Y., Heeger, A.J. Polyaniline as a transparent electrode for polymer light-emitting diodes: lower operating voltage and higher efficiency 35610
Yang, Y., Knessl, C. Conditional sojourn time moments in the finite capacity GI/M/1 queue with processor-sharing service 5196
Yang, Y.-N. *see* Luo, Y.S. 34849
Yang, Y.F., Wang, W.I., Yang, E.S. State holding circuit using heterojunction bipolar transistors and resonant tunnelling diodes 26783
Yang, Y.H. *see* Feng, G.F. 9784
Yang, Y.H. *see* Gu, X.P. 25081
Yang, Y.H. *see* Wang, H.F. 16208
Yang, Y.J. *see* Dziura, T.G. 43883
Yang, Y.Y., Sankar, R. Automatic failure isolation and reconfiguration [ring networks] 5444
Yang, Z. *see* Liu, P. 11910
Yang, Z.P., Wang, M.H., Liu, C.L., Hou, Y.B., Cai, W.H., Li, K.S. Variable structure control with sliding mode for self-controlled synchronous motor drive speed regulation 8827
Yang Aihua *see* Cai Song 25322
Yang Bailing *see* Duo Liping 28720
Yang Beifang *see* Beifang Yang
Yang Bin A parallel image processing system which is composed of single-chip processors 36873
Yang Bing Xiong *see* Bing Xiong Yang
Yang Bingchuan *see* Bingchuan Yang
Yang Bingfan *see* Jiang Shan 47007
Yang Cai, Wong, D.F. Efficient via shifting algorithms in channel compaction 26565
Yang Cai, Wong, D.F. On shifting blocks and terminals to minimize channel density 26625
Yang Caibing *see* Chen Juxin 38501
Yang Chengda *see* Chengda Yang
Yang Chin-Wen *see* Chin-Wen Yang
Yang Chuan-hou, Kung Gang-Feng An architecture design of a gateway interconnecting LANs to the packet switched data communication networks 5498
Yang Chuen-Huei *see* Chuen-Huei Yang
Yang Dali, Liu Zemin The SMLMS algorithm with stochastic momentum factor and analysis 10309
Yang Fann-Mei *see* Fann-Mei Yang
Yang Feng-Ming *see* Feng-Ming Yang
Yang Fuming *see* Guo Guangsheng 18323
Yang Fuming *see* Fuming Yang
Yang Gao, Durrant-Whyte, H.F. An architectural analysis of decentralized data fusion systems 21985
Yang Gengxing *see* Gengxing Yang
Yang Guo-Zhen *see* Guo-Zhen Yang
Yang Guomao *see* Gerhard-Multhaupt, R. 35122
Yang Guowen, Xiao Jianwei, Xu Zuntu, Xu Junying, Zhang Jingming, Chen Lianghui Low threshold buried-heterostructure AlGaAs lasers 20815
Yang Guowen, Xiao Jianwei, Xu Zuntu, Xu Yunying, Zhang Jingming, Chen Lianghui Epitaxial research on GaAs/GaAlAs buried-heterostructure diode lasers 20888
Yang Guoyu *see* Guoyu Yang
Yang Guozhen *see* Guozhen Yang
Yang Hai-Qiang *see* Hai-Qiang Yang
Yang Hong-Sheng *see* Hong Wu 44577
Yang Hong-Sheng *see* Jun Qian 4222
Yang Hong-Sheng *see* Ma Jianglei 21359
Yang Hong-Tzer *see* Hong-Tzer Yang
Yang Hongchuan *see* Hongchuan Yang
Yang Hongmo *see* Chen Guangju 38375
Yang Hsiu-Tsung *see* Hsiu-Tsung Yang
Yang Huizhong *see* Wang Xinsheng 11342
Yang Hung-Yu *see* Hung-Yu Yang
Yang Hung-Zi *see* Hung-Zi Yang
Yang Jaesoo *see* Jaesoo Yang
Yang Jar Forr *see* Jar Forr Yang
Yang Jar-Ferr *see* Jar-Ferr Yang
Yang Jian *see* Jian Yang
Yang Jianyu *see* Ding Yiyuan 14680
Yang Jiaxing *see* Zhang Zigang 5320
Yang Jichun *see* Jichun Yang
Yang Jie *see* Chen Guoliang 35277
Yang Jie *see* Jie Yang
Yang Jing Yu *see* Jing Yu Yang
Yang Jing-Yu *see* Jing-Yu Yang
Yang Jingang *see* Li Zhichang 7293
Yang Joon-Eon *see* Joon-Eon Yang
Yang Jun, Wang Zhaoan, Chang Qian, Wang Furen Simulation of power electronic circuit automatic control system 1018
Yang Jun-Hui *see* Jun-Hui Yang
Yang Junshan *see* Yu Silc 30998
Yang Junyou *see* Chen Yongbin 47942
Yang Kai-Ping *see* Kai-Ping Yang
Yang Kangshu *see* Chen Chang 46880
Yang Ke-Chong *see* Gao Hong-Bing 30053
Yang Ke-Chong *see* Zhao Ying-Jun 31186
Yang Kun *see* Si Jinhai 28999
Yang Kun-Tao, Liao Zhao-Shu, Tao Jing-Guang, Wu Yu-Bin, Huang He-Tian New application of lateral moire fringe 38675
Yang Kyeong Ho *see* Kyeong Ho Yang
Yang Kyeongcheol *see* Kyeongcheol Yang
Yang Kyounghoon *see* Kyounghoon Yang
Yang Li *see* Li Yang
Yang Linyao *see* Wan Huibing 9876
Yang Long *see* Long Yang
Yang Miao *see* Si Jinhai 28999
Yang Min *see* Min Yang
Yang Ming Jiang Design and realization of intelligent measurement system for differential pressure, fluid velocity and transient flow 14896
Yang Ming-Chwen *see* Ming-Chwen Yang
Yang Ming-Tzong *see* Ming-Tzong Yang
Yang Mohua Realization of a 1300 V and a 1600 V IGBT 34943
Yang Muh-rong *see* Muh-rong Yang
Yang Nianfu *see* Nianfu Yang
Yang Pan *see* Pan Yang
Yang Peisheng *see* Zhuang Wanru 28668
Yang Ping *see* Ping Yang
Yang Qing *see* Li Xiangyin 28702
Yang Qing-Hao *see* Liu Xin-Xiong 38686
Yang Quan-Rang *see* Quan-Rang Yang
Yang Quanmei *see* Chen Juxin 38501
Yang Quanrang *see* He Yijun 12694
Yang Quanrang *see* Qi Songxin 10477
Yang Senzu *see* Senzu Yang
Yang Seung Hak *see* Seung Hak Yang
Yang Seung Kee *see* Seung Kee Yang
Yang Shao *see* Shao Yang
Yang Sheng-Hui *see* Sheng-Hui Yang
Yang Sheng-Jehn *see* Sheng-Jehn Yang
Yang Sheng-Jenn *see* Sheng-Jenn Yang
Yang Sheng-Xiang *see* Ye Xiao-Yan 38525
Yang Shi-lin *see* Shi-lin Yang
Yang Shibai, Li Yangxu, Yi Changqing A study of improving accuracy of short-term load forecasting 7897
Yang Shih-Tsung *see* Shih-Tsung Yang
Yang Shizhong, Zhou Xiangsheng, Peng Gang, Cheng Aimin The large step fast acquisition of delay locked loop 10026
Yang Shoubao *see* Shoubao Yang

Yang Shu-Nian *see* Xu Zhen-Gao 23457
Yang Shu-Zi *see* Gao Hong-Bing 30053
Yang Shu-Zi *see* Liang Jian-Cheng 38694
Yang Shu-Zi *see* Ma Yuan-Hao 31113
Yang Shu-Zi *see* Zhao Ying-Jun 31186
Yang Shubing *see* Huang Yichuan 12043
Yang Shucheng *see* Yuan Renkuan 42906
Yang Shuren *see* Zhang Xiaobo 20884
Yang Shuyao Raising output signal to noise ratio of correlator using IF recirculation summation loop 14392
Yang Sun *see* Hongping Guo 43771
Yang Tae-Hyun *see* Tae-Hyun Yang
Yang Tzung-Zu *see* Tzung-Zu Yang
Yang Wang, Brennan, K.F. Semiclassical study of the wave vector dependence of the interband impact ionization rate in bulk silicon 19334
Yang Wang *see* Celenk, M. 45594
Yang Wang *see* Wang Yang
Yang Wei *see* Wei Yang
Yang Wei-Tzen *see* Wei-Tzen Yang
Yang Weiping *see* Weiping Yang
Yang Wen-Guo *see* Li Dong-Sheng 23901
Yang Wen-Guo *see* Li Dong-Sheng 31157
Yang Wen-Guo *see* Tan Jiu-Bin 31422
Yang Wen-Guo *see* Tan Jiu-Bin 46600
Yang Woun-Suck *see* Woun-Suck Yang
Yang Xian Hua *see* Xian Hua Yang
Yang Xiang-Lin *see* Chen Jian 23069
Yang Xiangjun *see* Gong Linghua 15336
Yang Xiangpeng *see* Xiangpeng Yang
Yang Xiaoping *see* Gong Dawei 23629
Yang Xiaoping *see* Xiaoping Yang
Yang Xiaoyun *see* Ye Zongyuan 24135
Yang XingBo *see* XingBo Yang
Yang Xuechang The exponential wave response of impulse measuring systems 25077
Yang Yan *see* Hongfu Li 27425
Yang Yang *see* Chengyuan Shun 35363
Yang Yang *see* Yang Yang
Yang Yaoxin *see* Zhou Shuquan 15043
Yang Yee-Hong *see* Yee-Hong Yang
Yang Yeon-Sheng *see* Yeon-Sheng Yang
Yang Yi *see* Yi Yang
Yang Yi Xian *see* Yi Xian Yang
Yang Yibing *see* Yibing Yang
Yang Yihe *see* Liu Shangqian 15087
Yang Yixian On the structure of unextendable code with constant weight and distance 12905
Yang Yong-Hua *see* Liu Yan-Bing 38743
Yang Yong-Hua *see* Sun Yu 46462
Yang Yonggao *see* Pan Qijing 5556
Yang Yonggao *see* Pan Qijing 5559
Yang Yongyi *see* Yongyi Yang
Yang Yongyuan *see* Yongyuan Yang
Yang Yu *see* Mu De-Qiang 28393
Yang Yu-Chi *see* Yu-Chi Yang
Yang Yuchang *see* Hua Peizhong 1501
Yang Zeming *see* Zhong Ming 28723
Yang Zhankun *see* Zhankun Yang
Yang Zhao *see* Beijing Wang 43559
Yang Zhao *see* Lin, G.H. 43316
Yang Zhao *see* Zhao Yang
Yang Zhenhua *see* Hui Zhongxi 43693
Yang Zhihao *see* Zhao Yunhui 25822
Yang Zhihong, Wang Shutang, Zhen Jin, Zhu Longde, Shun Jie, Xia Chaihong, Shen Rong, Gui Qiang Planar InGaAs/InP pin photodetectors grown by MOCVD 15015
Yang Zhimin *see* Zhimin Yang
Yang Zhong-Hai *see* Zhong-Hai Yang
Yang Zhonghai *see* Peng Liangfu 12266
Yang Zi-Fang *see* Deng Xing-Zhong 46432
Yang-Han Lee *see* Ching-Chih Kuo 14624
Yang-Han Lee *see* Jingshown Wu 14622
Yang-Hua Chang, Li, G.P. Cascaded collector current formulations of abrupt heterojunction bipolar transistors and their applications to graded HBTs with base dopant outdiffusion 42892
Yang-Tung Huang, Yeong-Her Chen Magnetooptic head using substrate-mode grating pairs for polarization and leaky beam splitting 20421
Yangawa, H., Takahashi, T. MS2602A spectrum analyzer 38425
Yangguang Yan *see* Yan Yangguang
Yanghee Choi *see* Seungchul Park 37436
Yangming Zhu *see* Zhu Yangming
Yangpin Zhao *see* Zhao Yangpin
Yangqing Liu *see* Kinzy Jones, W. 18301
Yangsheng Wang *see* Wang Yangsheng
Yangshu Zheng *see* Zheng Yangshu
Yangxu Li *see* Li Yangxu
Yangyuan Wang *see* Mingzhen Xu 19465
Yangyuan Wang *see* Wang Yangyuan
Yangzan He *see* He Yangzan
Yanhe Li *see* Li Yanhe
Yanikoglu, B.A., Sandon, P.A. Off-line cursive handwriting recognition using neural networks 29931
Yaniv, G., Zimmermann, B., Lou, K.A. Development of an optical fiber time domain sensor for monitoring static and fatigue strains in composite laminates 23675
Yaniv, U. Single-module synthesizer serves VSAT applications 14532
Yaniv, Z. *see* Yang, D.K. 43554
Yanjie Chai, Hanyi Zhang, Bo Sun, Shizhong Xie, Bingkun Zhou Frequency locking of multiple external-cavity semiconductor lasers with equal frequency span [for B-ISDN] 3718
Yanjie Chai *see* Bo Sun 3659
Yanjie Chai *see* Hanyi Zhang 3717
Yanjie Chai *see* Chai Yanjie
Yanjin, L. *see* Xingliang, H. 15034
Yankelovich, N. *see* Jackson, S. 37380
Yan'kov, G.B. *see* Avdeev, S.P. 7198
Yankov, G.B. *see* Avdeyev, S.P. 7149
Yankov, R.A., Gribkovskii, R.V., Komarov, F.F. Rutherford backscattering and channelling studies of buried nitride structures directly produced by high intensity ion implantation of nitrogen into silicon 19542
Yankov, R.A., Komarov, F.F., Petrov, S.A. RBS, RHEED and THEED studies of SIMOX and SIMNI structures formed by ion beam synthesis 27596
Yankov, Y. *see* Spassov, L. 46673
Yankowski, M. *see* Hardin, R. 23400
Yanling Ke *see* Yongping Dou 13879
Yanlong Che *see* Haosheng Fei 44159
Yanmei Han *see* Han Yanmei
Yannacopoulos, S. *see* Randall, T.D. 2995
Yannakakis, M. Recent developments on the approximability of combinatorial problems 41077
Yannakakis, M. *see* Lee, D. 45336
Yannakopoulou, K. *see* Gogolides, E. 28035
Yannan Yao *see* Yao Yannan
Yannopoulos-Lascaratos, P.P., Tegopoulos, J.A. End component of stator leakage reactance of squirrel cage induction motors. 1. General analysis. 2. Flux densities 47886
Yano, H. *see* Hayashi, H. 35638
Yano, J., Kai, S., Ogura, K. Poly(o-phenylenediamine)-Prussian blue composite film for a three-colour-expressible electrochromic display material 3166
Yano, K., Kim, C.-W., Kimura, M., Tanaka, A., Motoyama, S.-I., Sukegawa, T. Influence of majority carrier accumulation in the SIT with a high-purity channel on voltage amplification factor 19913
Yano, K., Kimura, M., Tanaka, A., Sukegawa, T. Investigation of the backgate-region effects in the MOSSIT by numerical analysis 2535
Yano, K. *see* Yoshida, T. 43099
Yano, M., Okuizumi, M., Iwai, Y., Inoue, M. Molecular-beam-epitaxy growth and optical analysis of InAs/AlSb strained-layer superlattices 18219
Yano, M. *see* Horimatsu, T. 35639
Yano, M. *see* Kim, S.G. 42524
Yano, M. *see* Matsushima, I. 3427
Yano, M. *see* Nakagawa, G. 20374
Yano, M. *see* Owadano, Y. 3424
Yano, M. *see* Takehisa, K. 35707
Yano, N. *see* Ohnuma, S. 2859
Yano, S. *see* Matsumoto, N. 35898
Yano, S. *see* Tanaka, T. 3616
Yano, T. *see* Hirata, M. 40644
Yano, T. *see* Yamada, H. 15921
Yano, Y., Takai, Y., Morooka, H. Interface states in ZnO varistor with Mn, Co, and Cu impurities 34646
Yano, Y. *see* Nakagawa, T. 7112
Yano, Y. *see* Okamura, H. 31623
Yanof, A.W., Zipfel, G.L., Moon, E.E. X-ray mask membrane motion in narrow gap lithography: hydrodynamic model and experiment 27979
Yanof, A.W. *see* Dauksher, W.J. 26471
Yanovsky, V., Pang, Y., Wise, F., Minkov, B.I. Generation of 25-fs pulses from a self-mode-locked Cr:forsterite laser with optimized group-delay dispersion 3485
Yanovsky, V.P. *see* Richardson, M. 27811
Yanping Chen *see* Chen Yanping
Yanping Mang *see* Bingjun Zhang 28901
Yanqing Wu *see* Jihong Geng 28729
Yanshin, V.V. Multiply-connected Markov chains and their properties 29411
Yanshin, V.V. Generalisation of median filters for the ease of filtering of binary images 45263
Yanshin, V.V., Vizil'ter, Yu.V. Mathematical models of truncated multistep procedures in vector partial decisions 4651
Yantovskii, E.I. Coal-fired MHD generator without exhaust gases 25315
Yanushkhevich, S.N. *see* Shmerko, V.P. 36854
Yanwen Zhang *see* Zhang Yanwen
Yanxin Zhang *see* Guo-Guang Mu 29994
Yanzhu Liu *see* Liu Yanzhu
Yao, A.C. *see* Ting, H.F. 41051
Yao, C.G., Chang, C.R., Raparia, D., Swenson, D., Funk, W. CCL design improvements at SSC linac 15296
Yao, H.-W., Abdelmonem, A., Liang, J.-F., Liang, X.-P., Zaki, K.A., Martin, A. Waveguide and ridge waveguide T-junctions for wide band applications 1412
Yao, J. The Gabor transform: theory and computations 17987
Yao, J., O'Mahony, M., Shan, X. Impact of intersymbol interference on the bit error rate performance of optically preamplified receivers 5930
Yao, J. *see* Simeonidou, D. 45936
Yao, J.J., Arney, S.C., MacDonald, N.C. A fully suspended, movable, single-crystal silicon, deep submicron MOSFET for nanoelectromechanical applications 28169
Yao, J.T. *see* Yang, A.T. 28085
Yao, J.T.W. *see* Kipp, R. 1641
Yao, K. *see* Duvillier, J. 35527
Yao, M., Petrenko, A., Bochmann, G.V. Conformance testing of protocol machines without reset 13890
Yao, S., Shimizu, Y., Miura, N., Yamazoe, N. Solid electrolyte carbon dioxide sensor using sodium ionic conductor and lithium carbonate-based auxiliary phase 6648
Yao, S.-Z., Chou, N.-C., Cheng, C.-K., Hu, T.C. An optimal probe testing algorithm for the connectivity verification of MCM substrates 27392
Yao, T. *see* Konishi, T. 2096
Yao, T. *see* Uesugi, K. 33666
Yao, T. *see* Ziqiang Zhu 41355
Yao, W. *see* Amidei, D. 46890
Yao, W. *see* Tkaczyk, S. 46989
Yao, X.S., Feinberg, J., Logan, R., Maleki, L. Limitations on peak pulse power, pulse width, and coding mask misalignment in a fiber-optic code-division multiple-access system 6062
Yao, Y., Cao, Z., Wang, J. R&D activities on wireless systems in China 5716
Yao, Y.F. *see* Zhang, X.K. 38575
Yao, Y.H., Lin, H.T. Virtual Hopf precursor of period-doubling route in directly modulated semiconductor lasers 12116
Yao, Y.Y. *see* Bollmann-Sdorra, P. 18037
Yao Cai-Xian *see* Jiang Xiang-Qian 31444
Yao Fujiang, Zhang Juesheng, Wu Guoyang, Du Wulin Research on LL-DPLL with high speed and high precision 10025
Yao Guizhi *see* Chen Zhonggan 9965
Yao Hejun *see* Zhang Baozheng 20704
Yao Helai *see* Helai Yao
Yao Hui-Wen *see* Hui-Wen Yao
Yao Jianchao, Xuan Guorong Recovery of 3D information of a polyhedron from two perspective views with great variation of viewpoint 13708
Yao Jianquan *see* Ning Jiping 12046
Yao Jianquan *see* Ning Jiping 20705
Yao Li *see* Li Yao
Yao Linsheng *see* Shen Tao 18436
Yao Meng *see* Meng Yao
Yao Shih-Jih *see* Shih-Jih Yao
Yao Shude *see* Wu Mingfang 1974
Yao So-Zen *see* So-Zen Yao
Yao Tianren *see* Hu Ruimin 29696
Yao Wang, Ouseb Lee Active mesh—a video representation scheme for feature seeking and tracking 36830
Yao Wang *see* Jian-Hong Hu 31887
Yao Wen-Ming, Cao Shu-Wen, Li Zhu, Xie Tie-Bang Method using optical needle to measure the complex surface roughness and the form errors 31450
Yao Wen-Ming *see* Cao Shu-Wen 31099
Yao Wen-Ming *see* Xie Tie-Bang 31462
Yao Xixian *see* Xixian Yao
Yao Yannan *see* Li Cuiwei 5661
Yao Yu-Dong *see* Yu-Dong Yao
Yao Zhang *see* Zhang Yao
Yao Zhenga *see* Huang Dading 26442
Yao-De Wang *see* Wang Yao-De
Yao-Dong Zhou *see* Zhou Yao-Dong
Yao-Huang Kao, Ching-Sheu Wang Analog study of bifurcation structures in a Van der Pol oscillator with a nonlinear restoring force 10012
Yao-Huang Kao, Hung-Tser Lin Influences of noise on the occurrence of period doubling in distributed-feedback laser diodes under direct-current modulation 12129
Yao-Ke Zhang *see* Zhang Yao-Ke
Yao-ling Li *see* Zhi-zhang Xu 3453
Yao-Tze Kao, Yung-Chang Luo, Chang-Huan Liu Design and implementation of a self-tuning adaptive controller for vector-controlled induction motor drives 8831
Yaogang Liu *see* Jingqian Wei 44092
Yaoguo Li, Oldenburg, D.W. Inversion of 3-D DC resistivity data using an approximate inverse mapping 39361
Yaohui Zhang *see* Wei Liu 3181
Yaohui Zhang *see* Zhang Yaohui
Yaolan Feng *see* Feng Yaolan
Yaolin Li *see* Li Yaolin
Yaolin Tan *see* Tan Yaolin
Yaonan Zhang Integration of segmentation and stereo matching 30073
Yaonian Xu *see* Xu Yaonian
Yaoqun Huang *see* Huang Yaoqun
Yaosaka, M., Kanaya, T., Minagawa, A. Super-low-power 4-bit microcontroller MN170350 34085
Yaoting Zhu *see* Zhu Yaoting
Yaou, M.-H., Chang, W.-T. Wavelet transform in scattering data interpolation 4355
Yaowang Lin *see* Lin Yaowang
Yaowu Shi *see* Shi Yaowu
Yaoxian Fu *see* Jingwu Qiu 38477
Yaoxian Fu *see* Fu Yaoxian
Yaoxin Yang *see* Yang Yaoxin
Yaoyu Wang *see* Wang Yaoyu

Yaozhong Liu, Tatsuo Itoh Leakage phenomena in multilayered conductor-backed coplanar waveguides 21331
Yaozhong Ruan *see* Beifang Yang 33681
Yaozong Zheng *see* Zheng Yaozong
Yap, D. *see* Lui, M. 9664
Yap, D. *see* Ng, W. 43687
Yap, M. *see* Motiwalla, J. 22534
Yap, M.K.S. *see* Sng, D.C.H. 14163
Yap Kian Tiong *see* Ang Gim Ching, J. 9236
Yapin Gu *see* Gu Yapin
Yapo, T.C. *see* Embrechts, M. 32618
Yaprak, E. *see* Chakraborty, R.N. 14206
Yaprak, E. *see* Chakraborty, R.N. 30407
Yarborough, R., Saunier, P., Tserng, H.Q., Salzman, K., Smith, B., Heston, D. Four-watt 20 GHz partial monolithic amplifier 1613
Yarbrough, L., Sharbutt, A. Westinghouse W-501 gas turbine controls upgrade 47770
Yarden, A.L., Tam, C.W., Benes, J.D., Arnold, W.E. MSR redesign and reconstruction at Indiana Michigan Power Company's Donald C. Cook Nuclear Power Plant, Unit 1 32576
Yardim, A. *see* Cain, G.D. 13259
Yardimci, Y., Cadzow, J.A., Zhu, M. Comparative study of high resolution algorithms for multiple point source location via infrared focal plane arrays 29834
Yardley, J.T. *see* Beeson, K.W. 3157
Yardley, J.T. *see* Beeson, K.W. 43541
Yarema, R.J., Foster, G.W., Hoff, J., Sarraj, M., Zimmerman, T. A fast, wide range charge integrator and encoder ASIC for photomultiplier tubes 18546
Yarema, R.J. *see* Britton, C.L., Jr. 46993
Yarema, R.J. *see* Zimmerman, T. 24092
Yaremenko, V.A. *see* Pravda, V.I. 20124
Yaremenko, V.A. *see* Pravda, V.I. 21451
Yaremenko, V.A. *see* Pravda, V.I. 42223
Yaremenko, V.Ya. *see* Pravda, V.I. 19083
Yariv, A. *see* Chen, T.R. 12215
Yariv, A. *see* Griffel, G. 43905
Yariv, A. *see* Iannelli, J.M. 3625
Yariv, A. *see* Kewitsch, A. 21119
Yariv, A. *see* Kitching, J. 43841
Yariv, A. *see* Rosen, J. 12448
Yariv, A. *see* Rosen, J. 12454
Yarkin, D.G. *see* Kazanskii, A.G. 34531
Yarkosky, E.F. *see* Hajdu, J.B. 2827
Yarlykov, M.S., Bazarov, A.A. Integrated user equipment for satellite and hyperbolic radio-navigation systems 14740
Yarmakhov, I.G. *see* Bakhrakh, L.D. 12558
Yarmakhov, I.G. *see* Sokolov, A.V. 29170
Yarmoff, J.A. *see* Shuh, D.K. 34697
Yarmolik, V.N., Murashko, I.A. Pseudo random sequence generator construction using cellular automata 34000
Yarmolik, V.N., Nicolaidis, M. Exact aliasing computation and/or aliasing free design for RAM BIST 10154
Yarn Kao-Feng *see* Kao-Feng Yarn
Yaron, O., Sidi, M. Performance and stability of communication networks via robust exponential bounds 5300
Yaroshetskii, I.D. *see* Ganichev, S.D. 38517
Yaroshetskii, I.D. *see* Ganichev, S.D. 38518
Yaroshetskii, I.D. *see* Kasherininov, P.G. 11558
Yaroshetskii, I.D. *see* Kasherininov, P.G. 11832
Yaroshetskii, I.D. *see* Kasherininov, P.G. 15002
Yaroshetskii, I.D. *see* Kasherininov, P.G. 34644
Yaroshetskii, I.D. *see* Kichaev, A.V. 38519
Yaroshetskiy, I.D. *see* Belyakov, L.V. 30759
Yaroshevich, A.S. *see* Bolkhovityanov, Yu.B. 27486
Yaroshevich, O.I. *see* Zhuk, I.V. 38877
Yaroshevskaya, K.S. *see* Korolev, A.N. 21737
Yaroshevskaya, K.Sh. *see* Korolev, A.N. 13291
Yaroslavsky, L.P. Reliability threshold of optical correlators in object localization and pattern recognition 13517
Yaroslavsky, L.P. *see* Campos, J. 13531
Yaroslavsky, L.P. *see* Kober, V. 13532
Yarovoy, A.G. Scattering from an internal penetrable inhomogeneity of a dielectric slab waveguide 36323
Yarovoy, A.G. *see* Zhuck, N.P. 44322
Yarovoy, A.G. *see* Zhuk, N.P. 29130
Yarzhou, L. *see* Masse, G. 9758
Yasaka, H., Ishii, H., Takahata, K., Oe, K., Yoshikuni, Y., Tsuchiya, H. Broad-range wavelength conversion of 10 Gbit/s signal using a superstructure grating distributed Bragg reflector laser 28997
Yasaka, H., Takahata, K., Kasaya, K., Oe, K. Frequency response of a unidirectional-output optical frequency conversion device with an asymmetrical-s DBR laser structure 45965
Yasaka, T. *see* Hirose, M. 34709
Yasaka, T. *see* Hiroshima, M. 42577
Yasaka, Y. *see* Ide, K. 8343
Yasaka, Y. *see* Nishi, M. 25266
Yasaki, T., Ehara, Y., Asai, K., Takahashi, J., Matsumoto, K., Kubotani, S. Ten minutes-rechargeable, valve-regulated, lead/acid battery after deep discharge and stand 25641
Yasar, O., Tautges, T., Corradini, M., Moses, G. Multi-component flows in finite difference and control volume approximations on parallel computer architectures 25185
Yaseen, M., Henk, T. Synthesis methods for wave digital filters exhibiting arbitrary amplitude characteristics 10328
Yashchuk, V.V. *see* Ezhov, V.F. 15117
Yashihara, S. *see* Tsuboyama, A. 6698
Yashiki, T. *see* Hashizume, K. 39985
Yashima, H. *see* Itoh, K. 27059
Yashima, H. *see* Ogawa, T. 11373
Yashima, K. *see* Ishii, H. 37215
Yashima, M., Fujinami, H., Takuma, T. Capacitive voltage sensor for measuring very fast transient overvoltages in GIS 40357
Yashima, S. Japanese wrestle with tube problems [PWR steam generators] 8104
Yashin, A.N. *see* Tchernyshyov, O.V. 12347
Yashin, S.F. Application of quartz piezoresonators to determine material mass loss in vacuum 6822
Yashiro, H. *see* Aigo, T. 19902
Yashiro, O. *see* Teruyama, H. 40107
Yashiro, S. *see* Saito, Y. 2605
Yas'ko, A.V. *see* Matvienko, A.N. 19216
Yaskovets, I.I. *see* Shakhovtsova, S.I. 1865
Yasnov, G.I. *see* Arapov, L.N. 15283
Yasrebi, M. Implementations and performances of two RPC-based LAN gateway applications 45504
Yassievich, I.N. *see* Bresler, M.S. 788
Yassievich, I.N. *see* Bresler, M.S. 34587
Yassin, G. *see* Withington, S. 1476
Yassin, Y.M. *see* Fahmy, M.F. 42076
Yastrebkov, A.B. *see* Shatalov, A.A. 36686
Yastremsky, A. *see* Bychkov, Yu. 28744
Yasu, M. *see* Sugita, A. 3143
Yasuda, A. *see* Okuda, K. 6161
Yasuda, A.K. *see* Denison, D.R. 851
Yasuda, H., Arai, S., Kai, J., Ooae, Y., Abe, T., Takahashi, Y., Hueki, S., Maruyama, S., Sago, S., Betsui, K. Fast electron beam lithography system with 1024 beams individually controlled by blanking aperture array 27871
Yasuda, H. *see* Horie, H. 48284
Yasuda, H. *see* Kujuro, A. 22398
Yasuda, H. *see* Natori, K. 48227
Yasuda, H. *see* Sakamoto, K. 27870
Yasuda, H. *see* Sakamoto, K. 27912
Yasuda, H. *see* Sasaki, H. 48250
Yasuda, H.K. *see* Burkett, S.L. 35106
Yasuda, I., Hikita, T. Oxygen potential profile and ionic leak current in $LaCrO_3$-based interconnector materials [solid oxide fuel cells] 17345
Yasuda, I. *see* Hikita, T. 17275
Yasuda, K., Ono, M., Aratani, K., Fukumoto, A., Kaneko, M. Premastered optical disk by super-resolution 20250
Yasuda, K., Uchimoto, Y., Ogumi, Z., Takehara, Z.-I. Preparation of thin cation-exchange membranes for redox-flow battery using glow-discharge plasma process 48073
Yasuda, K. *see* Hiraoka, K. 34853
Yasuda, K. *see* Iwase, N. 7788
Yasuda, K. *see* Maekawa, T. 7824
Yasuda, K. *see* Mino, Z. 39538
Yasuda, K. *see* Nakamura, S. 32356
Yasuda, K. *see* Tanabe, R. 7705
Yasuda, K. *see* Tanabe, R. 25087
Yasuda, K. *see* Yoshimoto, K. 9186
Yasuda, K. *see* Yoshimoto, K. 16494
Yasuda, K. *see* Yoshimoto, K. 25217
Yasuda, M. *see* Arimoto, S. 12177
Yasuda, M. *see* Arimoto, S. 20844
Yasuda, M. *see* Isono, H. 38614
Yasuda, M. *see* Isono, H. 46214
Yasuda, M. *see* Nakai, T. 31903
Yasuda, N. *see* Deen, Q. 42584
Yasuda, N. *see* Kanno, T. 31272
Yasuda, S., Hara, Y., Hasegawa, A., Ryu, K. A video ADC macro for A&D mixed cell-based IC 18833
Yasuda, S. *see* Fujimoto, T. 16293
Yasuda, T., Lee, D.R., Bjorkman, C.H., Mu, Y., Lucovsky, G., Emmerichs, U., Meyer, C., Leo, K., Kurz, H. A low-temperature process for device quality Si/SiO_2 interfaces on Si(111) 34618
Yasuda, T., Lucovsky, G. Dual-function remote plasma etching/cleaning system applied to selective etching of SiO_2 and removal of polymeric residues 2150
Yasuda, T. *see* Cushman, P. 24012
Yasuda, T. *see* Emmerichs, U. 21015
Yasuda, T. *see* Furukawa, S. 11431
Yasuda, T. *see* Furukawa, S. 14952
Yasuda, T. *see* He, S.S. 10774
Yasuda, T. *see* Hulbert, M. 7206
Yasuda, T. *see* Lucovsky, G. 27601
Yasuda, T. *see* Ma, Y. 2172
Yasuda, T. *see* Ma, Y. 27597
Yasuda, T. *see* Mochizuki, K. 26397
Yasuda, T. *see* Nomura, T. 14951
Yasuda, T. *see* Nomura, T. 23509
Yasuda, T. *see* Soyama, Y. 45239
Yasuda, T. *see* Wan, Z. 34738
Yasuda, Y. *see* Hoh, K. 42899
Yasuda, Y. *see* Inoue, N. 13645
Yasuda, Y. *see* Kimoto, T. 29910
Yasuda, Y. *see* Komatsu, K. 30002
Yasuda, Y. *see* Lucovsky, G. 9792
Yasuda, Y. *see* Ohashi, M. 21520
Yasuda, Y. *see* Sezaki, K. 30184
Yasuda, Y.Ma., Chen, Y.L., Lucovsky, G., Maher, D.M. Electrical properties of oxide-nitride-oxide, ONO, heterostructures fabricated by low temperature remote PECVD 19456
Yasufuku, S. Application of glass fiber-reinforced plastics to electrical and electronic apparatus in Japan 35158
Yasuhara, T., Tamai, M., Okimoto, K. Fuji Electric's measuring instrument and sensor technology 14926
Yasuhira, M. *see* Kato, Y. 35067
Yasuhira, N. *see* Shingu, K. 28573
Yasui, H. *see* Osawa, H. 20162
Yasui, H. *see* Yamashita, T. 23903
Yasui, J., Sato, S., Machino, T., Yoshida, Y., Sano, K., Jyochi, S. Application of a variable speed pump-turbine generating system at the Takami hydroelectric power station 8236
Yasui, J. *see* Koga, K. 27895
Yasui, K. *see* Hosono, T. 26156
Yasui, K. *see* Nakagawa, T. 13906
Yasui, T. Business communications towards ISDN era 22661
Yasui, T., Uemura, A. A proposal of a new photonic FDM switching system FAPS - frequency assign photonic switching system 45730
Yasui, T. *see* Tahara, H. 44561
Yasui, Y., Watanabe, I., Kodaira, J., Endo, I. Measuring the beam polarizations and the luminosity at photon-photon colliders 6977
Yasukawa, A. Closed-form solution for thermo-elasto-plastic strains in semiconductor chip bonding structures 19927
Yasukawa, H. Design of high speed 8×8-port self-routing switch on multi-chip module 22734
Yasukawa, S., Ito, J. High-speed electric railways 48243
Yasukawa, S., Sato, O., Tadokoro, Y., Konta, M. Potential of CO_2 emission reduction by high temperature nuclear heat 39819
Yasukawa, S. *see* Minemura, H. 20271
Yasukawa, S. *see* Yamanouchi, K. 11430
Yasukawa, Y. *see* Koizumi, N. 20227
Yasukawa, Y. *see* Tsuji, H. 28422
Yasuma, T. *see* Fukuhara, H. 23210
Yasumoto, K. Coupled-mode analysis of two-parallel circular dielectric waveguides using a singular perturbation technique 35434
Yasumoto, K. *see* Maeda, H. 3890
Yasumoto, K. *see* Yokota, M. 4238
Yasumoto, M. *see* Toda, K. 35570
Yasumura, M. Electronic components mount application by all-round mini robot 42323
Yasunaga, M. Genetic algorithms implemented by wafer scale integration - wafer scale integration by LDA (leaving defects alone) approach 41982
Yasunaga, S. *see* Hasegawa, A. 14076
Yasuno, T., Suzuki, S. Surface reconstruction using occlusion analysis of spatiotemporal images 36904
Yasuno, T. *see* Hamano, T. 22265
Yasuo, K. *see* Yuan Chang-Liang 31451
Yasuo, T. *see* Akiyama, Y. 17276
Yasuoka, K., Hara, K., Kim, S., Miyamoto, Y., Nakano, I., Okabe, M., Suzuki, J., Takano, T., Takikawa, K. Radiation damage in scintillating tile/fiber calorimeters 24018
Yasuoka, K. *see* Hara, K. 31683
Yasuoka, K. *see* Imada, G. 20637
Yasuoka, T., Fujita, K., Nakamura, F. Receiving system of low-frequency radio controlled watch 23277
Yasuoka, T. *see* Umemoto, T. 23276
Yasutake, J.Y. Maintenance proficiency assessment: background and overview 39775
Yasutake, K., Chen, Z., Pang, S.K., Rohatgi, A. Modeling and characterization of interface state parameters and surface recombination velocity at plasma enhanced chemical vapor deposited SiO_2-Si interface 34624
Yasuura, H. *see* Akaboshi, H. 18766
Yata, K., Enokido, Y., Yamaguchi, T. A method of adhesion strength test for thick film 18326
Yata, S. *see* Eguchi, K. 18259
Yatagai, T. *see* Hayasaki, Y. 20472
Yatagai, T. *see* Hayasaki, Y. 43574
Yatagai, T. *see* Tohyama, I. 11737
Yatagai, T. *see* Yoshikawa, N. 36072
Yataki, M.S. *see* Morishita, K. 20309
Yatchev, I.S. *see* Alexandrov, A.K. 21166
Yates, D., Kurose, J., Towsley, D., Hluchyj, M.G. On per-session end-to-end delay distributions and the call admission problem for real-time applications with QOS requirements 30164
Yates, H.M. *see* Foster, D.F. 33607
Yates, J.T., Jr. *see* John, K.D. 31499
Yates, J.T., Jr. *see* Smentkowski, V.S. 9506
Yates, R. *see* Evans, S. 10198
Yatim, A.H.M. *see* Azli, N.A. 8513
Yatlinko, I.I. *see* Kazakova, L.P. 19353
Yatomi, T., Tanaka, M., Suzuki, T., Magara, T. Advanced technology for wire-cut electrical discharge machines 25960
Yatomi, T. *see* Magara, T. 17630
Yatsenko, N.A. Slot-gas lasers 11951
Yatsenko, N.A. Frequency characteristics of RF capacitative discharges used for pumping gas lasers 35654

Yatsenko, N.A., Masyukov, I.V. Glow discharge in a transverse magnetic field for pumping thin-channel gas lasers 28735
Yatsenko, Yu.P. *see* Dianov, E.M. 44135
Yatsiv, S., Gabay, A., Sintov, Y. Diffusively cooled thin sheath high repetition rate TEA and TEMA lasers 11977
Yatskevich, S.V. *see* Leyzerovich, A.Sh. 32688
Yatsu, S. *see* Kayukawa, N. 25782
Yatsu, S. *see* Nishimura, R. 25766
Yatsuda, H., Inaoka, T., Takeuchi, Y., Horishima, T. IIDT type low-loss SAW filters with improved stopband rejection in the range of 1 to 2 GHz 2761
Yatsui, K., Masugata, K., Kurihara, K., Satoh, I., Igawa, H., Imada, G., Sakugawa, T., Kataoka, Y., Shibata, K., Shigeta, M. All-solid-state excitation circuit using saturable transformer for excimer laser excitation 20952
Yatsui, K. *see* Imada, G. 3443
Yatsui, K. *see* Imada, G. 20637
Yatsuk, L.P., Blinova, N.K., Zhironkina, A.V. A mathematical model of a linear system of slots in a waveguide with an arbitrary reflecting load 12725
Yatsuk, L.P. *see* Zhironkina, A.V. 36316
Yatsuka, K. *see* Hara, T. 16319
Yatsuka, K. *see* Tsuboi, H. 12524
Yatsun Hwang *see* Huei Wang 34274
Yatsunenko, Y.A. *see* Selunin, S.Y. 46963
Yatsuzuka, K. *see* Asano, K. 46670
Yatsuzuka, M. *see* Hashimoto, Y. 15576
Yatsyuk, F.M. *see* Zherdienko, V.V. 44101
Yau, C.W. *see* Jarwala, N. 10570
Yau, S.S.-T. *see* Wen-Lin Chiou 29741
Yau, V., Pawlikowski, K. Improved nested-threshold-cell-discard buffer management mechanisms 30318
Yau Hon-Fai *see* Hon-Fai Yau
Yau WaiFan *see* WaiFan Yau
Yau-Hwang Kuo *see* Jiahn Jung Chen 18946
Yau-Wen Hu *see* Chang-Shu Lee 19155
Yauch, D.W. *see* DeShazer, J.K. 41647
Yauhui Zhang *see* Zhang Yauhui
Yavagkar, R. *see* Narten, T. 22548
Yavdak, Yu.K. *see* Borodenko, E.I. 30511
Yavich, B.S. *see* Belov, A.V. 38002
Yavich, B.S. *see* Garbuzov, D.Z. 35827
Yavich, B.S. *see* Sobolev, M.M. 43822
Yavich, B.S. *see* Venus, G.B. 20760
Yavin, Y. Recursive estimation of a discrete-time Markov chain 9396
Yavin, Y. Suboptimal nonlinear filtering of the rate of an observed point process 13283
Yavin, Y., Frangos, C. Control of dynamic routing in networks with Markov jump parameters 22375
Yavneh, I. A method for devising efficient multigrid smoothers for complicated PDE systems 617
Yavor, M.I. Transformation of charged particle trajectories by a narrow gap between two magnetic prisms 23973
Yavors'ka, M.I. *see* Stakhiv, P.G. 18457
Yaw-Juen Wang, Pierrat, L. Probabilistic modelling of current harmonics produced by an AC/DC converter under voltage unbalance 32186
Yawen Gao A bus system controlled 10 kW battery charger with IGBT 48397
Yaxi Zhang, El Nokali, M. A hydrodynamic transport model and its applications in semiconductor device simulation 11115
Yaxiong Lu *see* Lu Yaxiong
Yaxuan Lu *see* Lu Yaxuan
Yayi Wei *see* Wei Yayi
Yayun Lin, Van Rheenen, A.D., Chang-Lee Chen, Smith, F.W. Low-frequency noise and phase noise in MESFETs with LTG-GaAs passivation 35018
Yazaki, A.P. *see* Shiozawa, T. 45566
Yazawa, M., Koguchi, M., Muto, A., Hiruma, K. Semiconductor nanowhiskers 18158
Yazawa, M. *see* Hiruma, K. 18150
Yazawa, M. *see* Kasi Viswanath, A. 26458
Yazawa, N. *see* Mizuno, H. 14801
Yazawa, N. *see* Suzuki, K. 1615
Yazawa, T., Nakajima, C. Recognizing the handwritten drawings of the distribution facilities utilizing the Master DB 39494
Yazawa, Y. *see* Minemura, T. 3364
Yazdi, N., Ahmadi, M., Soltis, J.J. A modified design technique for linear phase 2D FIR filter using singular value decomposition 10319
Yazgan, E. *see* Saka, B. 12768
Ybarra, G.A., Bilbro, G.L., Wu, S.M., Ardalan, S.H., Hearn, C.P., Neece, R.T. High resolution target range estimation using frequency-stepped CW radar 6102
Ybema, W. A cost comparison of structures for optical primary access networks 30804
Ycart, B. *see* Arcangeli, R. 26340
Yde-Andersen, S. *see* Lundsgaard, J.S. 17298
Ye, A. *see* Schaefer, R. 30035
Ye, C., Tamagawa, T., Lin, Y., Polla, D.L. Pyroelectric microsensors by sol-gel derived $PbTiO_3$ and La-$PbTiO_3$ thin films 11447
Ye, C. *see* Baude, P.F. 28310
Ye, C. *see* Cheng, Z. 3989
Ye, C. *see* Cheng, Z. 3997
Ye, C. *see* Hsueh, C.-C. 35135
Ye, C. *see* Polla, D.L. 11410
Ye, C.C., Morkel, P.R., Taylor, E.R., Payne, D.N. Direct observation of cooperative upconversion mechanisms in erbium-doped fibre amplifiers 28801
Ye, H. *see* Wang, H.B. 34245
Ye, J. *see* Li, H. 28830
Ye, J.Z., Chung Chan, MacGregor, R., Ruden, T.E. An experimental investigation of the end-hat effects in a crossed-field amplifier via three-dimensional electron density measurements 42362
Ye, L., Armstrong, B.M., Gamble, H.S. Low pressure silicon selective epitaxial growth and its thermodynamic considerations 9565
Ye, L.B. *see* Lu, W. 46496
Ye, M. *see* Milnes, A.G. 19435
Ye, P., Ren, X. Status of R&D on optical fiber communications systems in China 5890
Ye, P.-D. *see* Guo, J.-E. 38045
Ye, Q.J. *see* Shen, H.Y. 12055
Ye, S. *see* Bandler, J.W. 1449
Ye, S.G., Harasiewicz, K.A., Pavlin, C.J., Foster, F.S. Ultrasound characterization of ocular tissue in the frequency range from 50 MHz to 100 MHz 7409
Ye, T. *see* Ozasa, K. 9520
Ye, X. Subgradient projection algorithms for constrained nonsmooth optimization. II. Nonlinear constraints 574
Ye, Y. *see* Tishler, A. 7823
Ye Bing *see* Li Guo-Chun 38688
Ye Cheng *see* Cheng Ye
Ye Chicai *see* Lin Shiying 13483
Ye Feng *see* Shen Guorong 47570
Ye Heng Wang Scalar analysis of arbitrarily shaped optical waveguides by full guided mode expansion method and optimized sine method 20364
Ye Liu *see* Liu Ye
Ye Mao *see* Mao Ye
Ye Miao-Yuan, Nie De-Xin, Li Yan, Peng Yu, Lin Qi-Qing, Wang Jing-Gang Fiber-optic voltage measuring system 31250
Ye Miao-Yuan *see* Wang Zhi-Jian 38578
Ye Ming, Cooray, V. Propagation effects caused by a rough ocean surface on the electromagnetic fields generated by lightning return strokes 44341
Ye Peida *see* Peida Ye
Ye Peixian *see* Wang Huitian 35422
Ye Peixian *see* Peixian Ye
Ye Ren *see* Ren Hong 28701
Ye Runtao *see* Wang Weihang 28070
Ye Runtao *see* Zheng Haidong 2488
Ye Shen *see* Shen Ye
Ye Sheng-Hua *see* Zhang Ji-Hua 31440
Ye Shu-Hua *see* Zheng Yong 14747
Ye Tenfeng *see* Zhang Wenzhen 29070
Ye Tianchun *see* Tianchun Ye
Ye Xiao-Yan, Yang Sheng-Xiang New type of electric field probe with optical fibers 38525
Ye Yan *see* Yan Ye
Ye Yilin *see* Chen Qing 7998
Ye Yinyu *see* Yinyu Ye
Ye Yukang, Mao Jinghual, Pan Yang, Wu Xiangbing S-band GaAs monolithic variable gain amplifier 1575
Ye Yutang, Peng Yuanwang, Lei Zhaodi, Chen Mei Signal processing of single-mode optical fiber phase-modulated temperature sensors 23662
Ye Yutang, Peng Yuanwang, Lei Zhaodi, Chen Mei Direction-distinguishing circuits of the Mach-Zehnder interference stripes and signal processing 38523
Ye Zongyuan, Li Yubing, Ding Shengyao, Bao Zongyu, Yang Xiaoyun, Rong Chaofan, Ding Xixiang, Zheng Jinmei Modified method for efficiency calibration of high energy γ detector 24135
Yeadon, N., Hutchinson, D. A multimedia enhancement network device 5501
Yeager, E. *see* Feddrix, F. 17297
Yeager, K. *see* Fleischer, K.R. 39454
Yeager, K.E., Willis, J.R. Modeling of emergency diesel generators in an 800 megawatt nuclear power plant 25122
Yeager, R. Program analyzes mixer spurious products 1112
Yeal Nam Jae *see* Jae Yeal Nam
Yeal Oh Eui *see* Eui Yeal Oh
Yean-Shiang Leu, Du, D.H.C. Cycle compensation protocol: a fair protocol for the unidirectional twin-bus architecture 30224
Yeandel, J. *see* Preissner, J. 1264
Yeap, G.K.-H., Sarrafzadeh, M. A unified approach to floorplan sizing and enumeration 26566
Yeap, Y.-P. *see* Farag, A.A. 22185
Yeap, Y.-P. *see* Sahoo, P.K. 22176
Yeap Kok-Hoo *see* Kok-Hoo Yeap
Yeap Yuen-Pin *see* Yuen-Pin Yeap
Yearn-Ik Choi *see* Byeong-Hoon Lee 42920
Yearn-Ik Choi *see* Seong-Kyu Hwang 34948
Yearn-Ik Choi *see* Tae-Hun Moon 19396
Yechiali, U. Analysis and control of polling systems 5228
Yechiali, U. *see* Rosenberg, E. 9379
Yeck, M.M. *see* Holling, G.H. 41673
Yeddou, D. *see* Giovannini, H.R. 15069
Yee, A.C. *see* Cox, C.H., III 23067
Yee, B.H. *see* Presnak, R.G. 39923
Yee, H. *see* Farrugia, S. 15925
Yee, H. *see* Huang, K. 24806
Yee, H. *see* Ypsilantis, J. 32500
Yee, J., Varaiya, P. An analytical model for real-time multimedia disk scheduling 5331
Yee, J. *see* Low, S. 30516
Yee, J. *see* Sato, A.H. 31221
Yee, J.R. *see* Lee, M.-J. 5254
Yee, J.R. *see* Lee, M.-J. 30265
Yee, L., Brownlee, D.C. Protection and telecommunications interface problems for digital transfer relays 32491
Yee, M., Kast, B.A., Dickey, F.M., Stalker, K.T. Application of normalized gray-scale correlation 30108
Yee, S.O. *see* Chow, M.-y. 25059
Yee, S.R., Griffin, P.M. Range data acquisition from an encoded structured light pattern 4987
Yee, Y.P., Sutherland, R.A., Cogan, J.L. Multispectral transmittance measurements through man-made water fogs 44374
Yee Kwok Chee *see* Chee Yee Kwok
Yee Lee Chong *see* Chong Yee Lee
Yee Lee Chong *see* Lee Chong Yee
Yee Youngjoo *see* Youngjoo Yee
Yee-Hong Yang *see* Muzzolini, R. 45096
Yee-Ming Ting *see* Radke, C.E. 9254
Yee-Nan Chen *see* Wu, S.-T. 3218
Yefimenko, K.E. *see* Garmash, V.N. 14675
Yeganeh, M.S., Qi, J., Yodh, A.G., Tamargo, M.C. Interfacial electronic trap lifetimes studied by the photomodulation of second-harmonic generation processes 19370
Yegenoglu, F., Jabbari, B. Performance evaluation of MMPP/D/1/K queues for aggregate ATM traffic models 5172
Yegenoglu, F. *see* Jabbari, B. 4814
Yegorov, N.V. *see* Zhukov, V.M. 10602
Yeh, A.T. *see* Wang, S.R. 41915
Yeh, C.-C. *see* Chang, L. 21439
Yeh, C.-L. *see* Kwark, B. 35968
Yeh, C.-P. Cyclopean stereo vision for depth perception 4986
Yeh, C.-W., Cheng, C.-K., Lin, T.-T.Y. A probabilistic multicommodity-flow solution to circuit clustering problems 26610
Yeh, E.-C. *see* Sumic, Z. 32363
Yeh, E.-C. *see* Sumic, Z. 32366
Yeh, G.K., Bagchi, K., Burr, J.B., Peterson, A.M. OPERAS—an object-oriented signal processing system architecture simulator 36781
Yeh, H.-J. Highly pipelined VLSI architecture for computation of fast Fourier transforms 34008
Yeh, H.-J.J., Smith, J.S. Integration of GaAs vertical-cavity surface emitting laser an Si by substrate removal 43831
Yeh, H.L. *see* Tong, H.-M. 17919
Yeh, H.Y.M. *see* Lure, Y.M.F. 27114
Yeh, J.J. *see* Chang, Y.H. 42502
Yeh, J.J. *see* Kirscht, F.G. 2011
Yeh, J.L. *see* Chen, J. 18697
Yeh, J.T.C. *see* Holber, W.M. 10979
Yeh, K.C. *see* Wernik, A.W. 44343
Yeh, M.Y., Guo, S.J., Huang, H.D., Lee, M.K. Characterization of Al-doped n-type ZnSe prepared under a zinc-rich growth condition by low-pressure organometallic chemical vapor deposition 42643
Yeh, P., Campbell, S., Zhou, S. Multiwavelength optical half adder 11786
Yeh, P. *see* Chau-Jern Cheng 11753
Yeh, P. *see* Chiou, A. 3252
Yeh, P. *see* Gu, C. 20366
Yeh, P. *see* Gu, C. 20461
Yeh, P. *see* Hsu, K.Y. 11771
Yeh, P. *see* Hsu, K.Y. 20485
Yeh, P. *see* Nabiev, R.F. 3778
Yeh, P. *see* Nabiev, R.F. 20822
Yeh, P. *see* Wu, W. 3266
Yeh, P. *see* Zhou, S. 11781
Yeh, P. *see* Zhou, S. 28556
Yeh, P.S., Wu, I.-F., Jiang, S., Dagenais, M. High-power high-gain monolithically integrated preamplifier/power amplifier 11883
Yeh, R.H. *see* Lam, C.T. 41009
Yeh, S.C., Su, S., Lu, J.P. Capacitively coupled Si strip detectors on a 100 mm wafer 46843
Yeh, S.D., Gray, W.J., Nagata, R. Performance of Westinghouse Mihama-2 Compact Engineering Simulator 16616
Yeh, S.S.-H. *see* Chiou, C.-Y. 25084
Yeh, T.F., Reiser, A., Dammel, R.R., Pawlowski, G., Roeschert, H. A scaling law for the dissolution of phenolic resins in aqueous base 11016
Yeh, W.-J. *see* Labroo, S. 12539
Yeh, Z. *see* Khoshnevis, B. 6323
Yeh Chao-Pin *see* Chao-Pin Yeh
Yeh Chien-Chung *see* Chien-Chung Yeh
Yeh Chih-Ping *see* Chih-Ping Yeh
Yeh Ching-Fa *see* Ching-Fa Yeh
Yeh Ching-Wei *see* Ching-Wei Yeh
Yeh Ding-Kuen *see* Ding-Kuen Yeh
Yeh Fengji *see* Fengji Yeh
Yeh Kai-Yuan *see* Zhou You-He 38480
Yeh Ming-Hua *see* Ming-Hua Yeh
Yeh Pochi *see* Pochi Yeh

Yeh Tung-Feng *see* Tung-Feng Yeh
Yehao Cheng *see* Cheng Yehao
Yehia, M. *see* Chedid, R. 8281
Yekutieli, O. *see* Mizrach, A. 44188
Yeliseyev, N.I., Soldatkin, V.Yu. Some features of the synthesis of parallel-coupled strip-line resonator filters 1463
Yeliseyeva, N.P. *see* Gorobets, N.N. 12720
Yelland, C. The thermal kVA maximum demand tariff—dead or alive? 39674
Yelland, C.P. Surge protection of MV motors and dry type transformers 16780
Yellen, S. *see* Baumann, J. 20839
Yellen, S.L., Shepard, A.H., Dalby, R.J., Baumann, J.A., Serreze, H.B., Guido, T.S., Soltz, R., Bystrom, K.J., Harding, C.M., Waters, R.G. Reliability of GaAs-based semiconductor diode lasers: 0.6-1.1 μm 12199
Yellen, S.L. *see* Baumann, J.A. 41303
Yellin, D., Weinstein, E. Multi-channel signal separation based on cross-bispectra 4733
Yellin, S. *see* Abe, K. 7260
Yellin, S. *see* Abe, K. 15619
Yellin, S. *see* Abe, K. 46930
Yelmo, J.C. *see* Leon, G. 30578
Yelon, A. *see* Chenite, A. 2250
Yelon, A. *see* Chenite, A. 42778
Yelon, A. *see* Ivanov, D. 46402
Yelon, A. *see* Tabbal, M. 42785
Yelon, A. *see* Tao, Y. 34509
Yemelyanov, S.Y., Skovoroda, A.R., Lubinski, M.A., Shapo, B.M., O'Donnell, M. Ultrasound elasticity imaging using Fourier based speckle tracking algorithm 7400
Yemez, Y., Anarim, E., Istefanopulos, Y. Causal and semicausal AR image model identification using the EM algorithm 13628
Yen, A., Partlo, W.N., Palmer, S.R., Hanratty, M.A., Tipton, M.C. Quarter-micron lithography using a deep-UV stepper with modified illumination 2274
Yen, H., Kvam, E.P., Bashir, R., Neudeck, G.W. Microstructural examination of extended crystal defects in silicon selective epitaxial growth 9564
Yen, H. *see* Bashir, R. 2033
Yen, H.C. *see* Chen, C.H. 1612
Yen, H.C. *see* Lai, R. 19048
Yen, J.Y., Chao, W.C., Lu, S.S. A fuzzy cell mapping method for a sub-optimal control implementation 40240
Yen, S. *see* Chen, J. 18697
Yen, S.-M., Laih, C.-S. Common-multiplicand multiplication and its applications to public key cryptography 4376
Yen, S.-M., Laih, C.-S. Server-aided honest computation for cryptographic applications 4427
Yen, S.-M. *see* Laih, C.-S. 4438
Yen, S.-M. *see* Matsumoto, T. 12956
Yen, S.P.S., Lewis, C.R., Cygan, P.J., Jow, T.R. High dielectric constant material development 17148
Yen, S.P.S., Lewis, C.R., Jow, T.R., Cygan, P.J. Development of high temperature polyimide dielectric film for leaded and surface mount capacitor application 10534
Yen, S.T., Tsai, C.M., Lee, C.P., Liu, D.C. Enhancement of electron-wave reflection by superlattices with multiple stacks of multiquantum barriers 34582
Yen, W.M. *see* Eilers, H. 28777
Yen, W.M. *see* Hommerich, U. 35304
Yen, W.M. *see* Jaffe, S.M. 3728
Yen Chang Chun *see* Chun Yen Chang
Yen Huan-Wun *see* Huan-Wun Yen
Yen Mao-Song *see* Mao-Song Yen
Yen Nai-Chyuan *see* Nai-Chyuan Yen
Yen Pan Davies *see* Davies Yen Pan
Yen Po Wen *see* Po Wen Yen
Yen Sung-Ming *see* Sung-Ming Yen
Yen-Cheng Wen *see* Gih-Guang Hung 26571
Yen-Min Chen *see* Chung-Ching Wang 46325
Yenchek, M.R., Kovalchik, P.G. The impact of current load on mine-trailing cable thermal life 9066
Yeneng Sun Some properties of uniformly distributed sequences 496
Yeng Chai Soh *see* Lihua Xie 29716
Yentekakis, I.V., Neophytides, S.G., Kaloyiannis, A.C., Vayenas, C.G. Kinetics of internal steam reforming of CH_4 and their effect on SOFC performance 17320
Yentekakis, I.V. *see* Bebelis, S. 16738
Yeo, I.-S. *see* Anderson, S.G.H. 19666
Yeo, K.L. *see* Foster, B. 31714
Yeo, M. Practical applications of CPW in radar and electronic warfare sub systems 42235
Yeo, S.P. *see* Bannister, D.J. 23857
Yeo, T.E., Baulcomb, R.S., Clements, S.J. Reflectance-based non-destructive assessment of distributed feedback gratings 12140
Yeo, T.E., Phillips, N.J., Clements, S.J., Ojha, S. Photopolymer replication—a new technique for 0.25 μm phase shifted DFB-LD grating manufacture? 12483
Yeo, T.S., Ng, C.S., Leong, M.S., Kooi, P.S. Interline coupling of ultra-high-speed pulse propagating on PCB 12648
Yeo, T.S. *see* Hum, P.J. 21355
Yeo, T.S. *see* Li, L.W. 36200
Yeo, T.S. *see* Li, L.W. 44351
Yeo, T.S. *see* Tan, K.S. 23120
Yeo Hwan Kim *see* Sang Jik Kwon 42653
Yeo Jeong Mo *see* Jeong Mo Yeo
Yeo Swee Hock *see* de Souza, R. 10581
Yeo-Song Seol, Jae-Hee Ha, Chul-Kyu Bok, Hee-Kook Park, Kye-Hwan Oh Magnetically enhanced reactive ion etching of photoresist in O_2/Ar mixtures during a tri-level resist process 10889
Yeoh, L.W. *see* Ong, J.T. 21257
Yeol Kim Woo *see* Woo Yeol Kim
Yeom, G.Y. *see* Park, H.H. 34740
Yeom, T.H. *see* Lee, Y.H. 35603
Yeomans, K. *see* Stephen, R.G. 47539
Yeon Choi Boo *see* Boo Yeon Choi
Yeon Kim Cha *see* Cha Yeon Kim
Yeon Moon Byeong *see* Byeong Yeon Moon
Yeon Park Seo *see* Seo Yeon Park
Yeon Seol Koo *see* Seung Jo Han 29427
Yeon-seuk Kim *see* Kuo, C. 18714
Yeon-Sheng Yang *see* Fu-Ming Juang 29024
Yeon-Sik Yoo *see* Yoon-Ho Kim 16887
Yeong Shyang Lee *see* Shou Wei Hsieh 2511
Yeong-Ah Soh, Snider, G.L., Skvarla, M.J., Craighead, H.G. Focused ion beam interaction with a shallow two-dimensional electron gas 27653
Yeong-Cheng Wang, Li, S.S. Design of a two-dimensional square mesh metal grating coupler for a miniband transport GaAs quantum-well infrared photodetector 23641
Yeong-Her Chen *see* Yang-Tung Huang 20421
Yeong-Her Wang *see* Kao-Feng Yarn 34941
Yeong-Ho Ha *see* Jeong-Yeop Kim 4992
Yeong-Ho Ha *see* Jeong-Yeop Kim 30031
Yeong-Lin Lai *see* Chang, E.Y. 19420
Yeong-lin Lai *see* Chang, E.Y. 27572
Yeop Majlis, B., Morant, M.J. Geometrical effects in SRO-MISS switching devices 19876
Yeow Meng Chee *see* Lim, A. 941
Yepanechnikov, V.Yu. A family of compatible television picture coding methods for digital picture transmission systems 14763
Yephimov, B.P. *see* Yeremka, V.D. 33147
Yeramosu, V.G. *see* Schgal, C.M. 7399
Yeremenko, T.Yu. *see* Babin, S.A. 12014
Yeremian, A. *see* Ruth, R.D. 46776
Yeremian, D. *see* Clendenin, J. 38808
Yeremian, D. *see* Schultz, D. 38807
Yeremka, V.D., Yephimov, B.P., Mil'cho, M.V., Litvinenko, V.I., Popova, T.P. Application of SHF energy in pharmaceutics and food industry 33147
Yeremy, M.I. *see* Dosso, S.E. 4665
Yeresko, S.A. *see* Pulychev, Yu.G. 12578
Yeric, G.M. *see* Yue, C. 19822
Yermak, G.P. *see* Shestopalov, V.P. 14374
Yermuratskii, R.V., Netushil, A.V. Energy processes in circuits with an electric arc 9950
Yernaux, M. *see* Bavay, J. 24797
Yerokhovets, V.K., Larchenko, Yu.V., Leonov, A.M., Tkachenko, V.V. Laser recording of pictures on a metal-polymer carrier 28438
Yerokhovets, V.K., Larchenko, Y.V., Leonov, A.M. The speed of an X-Y piezoceramic light deflector 11801
Yesha, Y. *see* Sidhu, D. 22350
Yeshurun, Y. *see* Yamamoto, H. 36941
Yetter, J. *see* Slager, J. 28279
Yeu-Jent Hu *see* Rong-Seng Chang 3931
Yeu-Jent Hu *see* Rong-Seng Chang 29051
Yeu-Shen Jehng *see* Liang-Gee Chen 38304
Yeung, A. *see* Lane, P. 16648
Yeung, C.P., Squire, L.C. Numerical calibration and verification tests of an orthogonal triple-hot-wire probe 23937
Yeung, C.T. *see* Cheung, K.W. 30711
Yeung, D. *see* Agarwal, A. 18772
Yeung, F. *see* Chan, Y.C. 27325
Yeung, H.C., Herne-Smith, R.S., Sanderson, M.L. Quality in the UK water industry-insertion metering 46690
Yeung, K.S. *see* Mestha, L.K. 7084
Yeung, M., Walton, D. Data point reduction for NC tool path generation on over-determined data set 6356
Yeung, M.S., Lee, D., Lee, R., Neureuther, A.R. Extension of the Hopkins theory of partially coherent imaging to include thin-film interference effects 2341
Yeung, M.S., Neureuther, A.R. Improvement of the physical-optics approximation for topography simulation in optical lithography 2372
Yeung, N., Zivkov, B., Ezer, G. Unified datapath: an innovative approach to the design of a low-cost, low-power, high-performance microprocessor 41913
Yeung, P.S. Lossy transmission lines: time domain formulation and simulation model 21291
Yeung, S.S. *see* Abedini, Y.S. 31271
Yeung, T.K., Gregg, H., Morgan, I. Lightweight low noise space qualified L-band LNA/filter assemblies 21446
Yevdokimov, D.P. *see* Annenkov, Yu.Z. 34189
Yevstratov, E.F. *see* Abramovich, Yu.I. 24500
Yevtushenko, A.V. *see* Danilychev, M.V. 12590
Yevtushenko, N. *see* Petrenko, A. 30241
Yew, K.T., Boon, H.Y., Sung, L.B., Keong, L.K. Teleview server [public videotext] 30371
Yew, T.L. *see* Lu, G. 29784
Yew, T.R. *see* Wang, K.C. 34721
Yew Tai Chieng, Minasian, R.A. Tunable erbium-doped fiber laser with a reflection Mach-Zehnder interferometer 43801
Yew Tri-Rung *see* Tri-Rung Yew
Yi, B. *see* Lust, D. 23110
Yi, G.-J. *see* Padmapani, N.C. 2087
Yi, J. *see* Jia, Q.X. 10539
Yi, J. *see* Jia, Q.X. 35185
Yi, J. *see* Wallace, R.L. 9683
Yi, J.-H. *see* Hsu, Y.-Y. 24845
Yi, J.C. *see* Hu, S.Y. 12091
Yi, J.H., Chelberg, D.M. Discontinuity-preserving and viewpoint invariant reconstruction of visible surfaces from sparse data using a first order regularization 13691
Yi, K. *see* Tattersall, G.D. 45060
Yi, S., Haralick, R.M., Shapiro, L.G. Error propagation in machine vision 45041
Yi, X. *see* Nabiev, R.F. 20822
Yi, X.J., Wang, H.C., DiVencre, A., Hou, C.L., Chen, J., Ketterson, J.B., Wong, G.K. $Bi_{1-x}Sb_x$/Bi superlattice grown by molecular beam epitaxy 33637
Yi Byungho *see* Byungho Yi
Yi Cai Hao *see* Hao Yi Cai
Yi Chang Hong *see* Hong Yi Chang
Yi Changqing *see* Yang Shibai 7897
Yi Chen, Williamson, A.S., Brock, T. 1.9 picosecond high-sensitivity sampling optical temporal analyzer 31225
Yi Chen *see* Chen Yi
Yi Cheon-Hee *see* Cheon-Hee Yi
Yi Han Kim, Seong Dae Kim Motion boundary detection and motion vector estimation by spatio-temporal gradient method using a new spatial gradient 5115
Yi Hong *see* Hong Yi
Yi Jiang *see* Jiang Yi
Yi Jin *see* Jin Yi
Yi Jingrong *see* Jingrong Yi
Yi Jong Chang *see* Jong Chang Yi
Yi Kechu, Cheng Jun Generalized time-frequency representation of signals 12808
Yi Kyung-Woo *see* Kyung-Woo Yi
Yi Liang Jia *see* Jia Yi Liang
Yi Luo, Weimin Si, Shengzhong Zhang, Di Chen, Jianhua Wang Fabrication of GaAlAs/GaAs gain-coupled distributed feedback lasers using the nature of MBE 35885
Yi Maobin *see* Xiao Jianwei 20887
Yi Pan *see* Pan Yi
Yi Qi *see* Contreras, M. 8769
Yi Qian *see* Qian Yi
Yi Su *see* Su Yi
Yi Wang *see* Wang Yi
Yi Xian Yang Period distribution for error-correcting codes 4426
Yi Xilin *see* Huo Yujing 20671
Yi Xingjian *see* Xingjian Yi
Yi Xinjian *see* Xinjian Yi
Yi Yan A fast boundary element method for the two-dimensional Helmholtz equation 26377
Yi Yan *see* Yan Yi
Yi Yang *see* Xi-Qi Feng 41244
Yi Yuan *see* Bagby, J.S. 34214
Yi Zhe-Zhi Optimum control of quality engineering capability 33415
Yi Zheng *see* Zheng Yi
Yi-Bao Yuan *see* Yuan Yi-Bao
Yi-Bin Xu, Shi-Ji Fan Accelerated crucible rotation technique: Bridgman growth of $Li_2B_4O_7$ single crystal and simulation of the flows in the crucible 9502
Yi-Chang Liu *see* Maw-Shang Chang 26339
Yi-Chuan Lu *see* Stewart, C. 23091
Yi-Fu Zhang *see* Zhang Yi-Fu
Yi-Gao Sha, Volz, M.P., Lehoczky, S.L. Electrical properties and compositional distributions of CVT and PVT grown $Hg_{1-x}Cd_xTe$ epilayers 34507
Yi-Jun He, Si-Fan Li Analysis of arbitrary cross-section microstrip using the method of lines 36336
Yi-Jun He *see* Hongchen Yin 10415
Yi-Min Hua, Qu Li, Ying-Li Chen, Yi-Xin Chen New features of 977 nm anti-Stokes stimulated four-photon mixing pulses emitted from an Er^{3+} doped silica fiber 3786
Yi-Ming Hu *see* Hu Yi-Ming
Yi-Ping Hung *see* Jih-Jian Leu 13700
Yi-Ping Hung *see* Sheng-Wen Shih 30038
Yi-Qun He, Mao-Song Yen Time-of-day electricity pricing using stochastic optimal mix of generation units 7835
Yi-Sheng Zhu, Wai-Kai Chen On real and complex normalizations 9868
Yi-Sheng Zhu, Wai-Kai Chen A useful identity in circuit theory 9916
Yi-Sheng Zhu, Wai-Kai Chen A real-frequency approach to the design of a low-pass high-pass reactance-ladder diplexer 42041
Yi-Xin Chen *see* Yi-Min Hua 3786
Yi-Yeh Lee, Long Wu The effect of PbO content on the properties of modified lead titanate ceramic resonator 11405
Yi-Yeh Lee *see* Long Wu 11412
Yi-Zhong Wang *see* Kai-Ying Wang 2797
Yiang Xing-hai *see* Xing-hai Yiang

Yibing Yang, Zhenya He An adaptive direction filtering and continuous variable threshold image segmentation method for speckle pattern 4999
Yibing Zhao *see* Zhao Yibing
Yicheng Wang Slow decay of space-charge-limited current in CdS 19349
Yichuan Huang *see* Huang Yichuan
Yichuang Sun, Fidler, J.K. Versatile active biquad based on second-generation current conveyors 27048
Yidong Huang, Komori, K., Arai, S. Reduction of noise figure in semiconductor laser amplifiers with $Ga_{1-x}In_xAs/GaInAsP/InP$ strained quantum well structures 43850
Yidong Huang *see* Chaoyang Tu 41238
Yidong Huang *see* Huang Yidong
Yie, H., Zhimeng, T. Nonoscillatory streamline upwind formulations for drift-diffusion equation 19709
Yie He *see* He Yie
Yifan Gu *see* Gu Yifan
Yifei Hu *see* Huaming Jiang 35273
Yigit, I., Kiper, A. Remote access to transputers over Internet 37453
Yigong Zhang, Norum, L. A new active filter for power factor compensation 7848
Yigui He *see* He Yigui
Yih, Y. An algorithm for hoist scheduling problems [PCB electroplating] 33330
Yih Fang *see* Show-An Chen 10754
Yih Shiuh-Ren *see* Shiuh-Ren Yih
Yih-Guei Wey, Giboney, K.S., Bowers, J.E., Rodwell, M.J.W., Silvestre, P., Thiagarajan, P., Robinson, G.Y. 108-GHz GaInAs/InP p-i-n photodiodes with integrated bias tees and matched resistors 43638
Yih-Shin Weng *see* Meng-Hui Chen 18838
Yihe Yang *see* Yang Yihe
Yihong Chen *see* Chen Yihong
Yihong Jiang *see* Jiang Yihong
Yihong Qi *see* Qi Yihong
Yijia Cao *see* Cao Yijia
Yijun He *see* He Yijun
Yike Zeng *see* Xingjiao Li 811
Yikun Lin *see* Lin Yikun
Yilbas, B.S. *see* Gorur, A. 30771
Yildirim, M.Uctug *see* Uctug Yildirim, M.
Yildirim, S. *see* Cantile, M. 34893
Yilin Ye *see* Ye Yilin
Yillbyung Lee *see* Jaechul Yoo 36598
Yilmaz, A., Wong, K.C., Chao, K.S. A switched capacitor subranging A/D conversion technique 10240
Yilmaz, C.M. *see* Tuncay, R.N. 17527
Yilmaz, M., Ozcalik, H.R. Dimension measurement based laser diffraction 31419
Yilong Hao *see* Hao Yilong
Yim, C., Kohno, R., Imai, H. Adaptive array antenna based on estimation of arrival angles using DFT on spatial domain 44618
Yim, W. *see* Singh, S.N. 31477
Yim, W.H., Coakley, F.P. On-board processing for Ka-band applications 22953
Yim Jae-Hong *see* Jae-Hong Yim
Yim Kul Lee Directional information processing using optical rotating kernel operations 5116
Yim Kul Lee *see* Dong Hwan Son 3873
Yimei Hu *see* Hu Yimei
Yimen Zhang *see* Zhang Yimen
Yimin Huang, Chenhsin Lien, Tan-Fu Lei The enhanced Stark effects of coupled quantum wells and their application to tunable IR photodetectors 6500
Yiming Chu *see* Chu Yiming
Yiming Jiao *see* Jiao Yiming
Yiming Pi *see* Pi Yiming
Yin, A.G. *see* Liu, G. 28174
Yin, F.-F. *see* Giger, M.L. 24235
Yin, G. Sinc-collocation method with orthogonalization for singular Poisson-like problems 41180
Yin, J., Silio, C.B., Jr. A unified formula for *K*-terminal reliability analysis in ring networks 14161
Yin, L.-W., Ibbetson, J., Hashemi, M.M., Jiang, W., Hu, S.-Y., Gossard, A.C., Mishra, U.K. Study of modulation in GaAs MISFETs with LT-GaAs as a gate insulator 2548
Yin, L.-W., Nguyen, N.X., Hwang, Y., Ibbetson, J.P., Kolbas, R.M., Gossard, A.C., Mishra, U.K. Temperature investigation of the gate-drain diode of power GaAs MESFET with low-temperature-grown (Al)GaAs passivation 35017
Yin, L.-W. *see* Ibbetson, J.P. 2438
Yin, M.R., Leondes, C.T. Assignment algorithm for tracking multiple maneuvering targets with position measurements from distant sensors 29636
Yin, S. *see* Yu, F.T.S. 3892
Yin, S. *see* Yu, F.T.S. 3932
Yin, S. *see* Yu, F.T.S. 6514
Yin, S. *see* Yu, F.T.S. 6784
Yin, S. *see* Yu, F.T.S. 12446
Yin, S. *see* Yu, F.T.S. 23671
Yin, S. *see* Yu, F.T.S. 35309
Yin, S. *see* Yu, F.T.S. 35521
Yin, S. *see* Yu, F.T.S. 43381
Yin, S. *see* Zhao, F. 2940
Yin, W., Tanaka, J., Damon, D.H. Thermally stimulated discharge in filled LDPE films 43143
Yin, X. *see* Chen, X. 36547
Yin, X.J. *see* Faria, R.N. 35216
Yin, Y., Qiang, H., Yan, D., Pollak, F.H., Noble, T.F. Room-temperature photoreflectance characterization of pseudomorphic GaAlAs/InGaAs/GaAs high electron mobility transistor structures including the two-dimensional electron gas density 2573
Yin, Y. *see* McKenzie, D.R. 27502
Yin Aiguo *see* Aiguo Yin
Yin Cheng-Zhong *see* He Yu-Liang 26501
Yin Guanxi, Huang Jiying The effects of rain clutter on millimeter radar performance 6112
Yin Hongchen *see* Hongchen Yin
Yin Huajie, Jin Zhenrong, Lin Jinming Comparative study on characteristics of PMSMS with different parameters operating in flux-weakening mode 40145
Yin Jianping, Wang Yuzhu Generation of sub-Poissonian light in an open-loop LED system by the quantum correlation 11866
Yin Liming, Guo Yongji Application of polymer membrane to extract gases from oil for diagnosis of oil-filled electrical equipment 25516
Yin Lin *see* Lin Yin
Yin Lujun *see* Xu Shanjia 1420
Yin Peng-Yeng *see* Peng-Yeng Yin
Yin Qiyun *see* Qiyun Yin
Yin Rong *see* Rong Yin
Yin Sheng *see* Wang Jingyi 18292
Yin Shizhuo *see* Shizhuo Yin
Yin Wa Wong *see* Kit Po Wong 16184
Yin Wa Wong *see* Kit Po Wong 16185
Yin Wenyan, Li Pao The analysis of propagation characteristics in planar gyrotropic chirowaveguides 4186
Yin Wenyan, Li Pao The field distributions and dispersion characteristics in chiroferrite central-loaded waveguide 44514
Yin Wenyan, Li Pao, Wan Wei Spectral-domain decoupling method of electromagnetic waves propagating and radiating in bianisotropic gyroelectromagnetic chiral media 36150
Yin Wenyan, Li Pao, Wang Wenbing Guided electromagnetic waves in a parallel-plate gyroelectromagnetic biaxial chirowaveguide 29237
Yin Wenyan, Wan Wei Radiation from a dipole in the presence of a grounded arbitrary magnetized chiroferrite slab 44598
Yin Wenyan, Wang Wenbing Spectral dyadic Green's function formulation for uniaxial bianisotropic superstrate-substrate structure 44195
Yin Wenyan, Wang Wenbing The transmission properties of stratified chiroferrite media with obliquely incident plane wave 44329
Yin Wenyan, Wang Wenbing Radiation characteristics of dipole antenna in a grounded composite magnetized semiconductor plasma 44578
Yin Wenyan *see* Li Pao 44544
Yin Xiaodong *see* Xiaodong Yin
Yin Zhi-Wen *see* Zhi-Wen Yin
Yin Zhongyang *see* Tu Demin 16335
Yin-Chen Lu *see* Bo Lu 45734
Yin-Wu Dong *see* Dong Yin-Wu
Yin-Yu Lee *see* Jiun-Horng Tsai 7644
Yinbai Yan *see* Guofan Jin 22122
Yinbiao Huang *see* Huang Yinbiao
Yinchao Chen, Beker, B. Spectral-domain analysis of open and shielded slotlines printed on various anisotropic substrates 36337
Yinchun Hou, Hongbin Zhu, Shenghui Yan, Sitinh Wang, Bin Hu Growth of $Cr^{4+}:Mg_2SiO_4$ crystal by Czochralski method [and lasing performance] 18128
Ying, C., Gu, J. Automated pin grid array package routing on multilayer ceramic substrates 33369
Ying, C.-H.J. *see* Pierson, W.E., Jr. 23093
Ying, C.-H.J. *see* Steedly, W.M. 21822
Ying, J.Y., McMahon, G. Quantum size effects in zinc oxide nanoclusters synthesized by reactive sublimation 889
Ying, R. *see* Pai, M.-L. 22675
Ying, R.L. *see* Pai, M.-L.M. 45056
Ying, T.-F., Chen, C.-M., Huang, D.-R. Dynamic characteristics of a polygon motor affected by profiles of rotor magnet 47915
Ying Fu, Grahn, K.J., Willander, M. Valence band structure of Ge_xSi_{1-x} for hole transport calculation 34556
Ying Jun Pan *see* Pan Ying Jun
Ying Li Shu *see* Li Shu Ying
Ying Liu Image compression using Boltzmann machines 29859
Ying Liu Image compression and SANN equations 29932
Ying Liu Pattern recognition using stochastic cellular automata 30044
Ying Liu Continuous-tone image recognition using fractal theory 36868
Ying Lu *see* Chanson, S.T. 30234
Ying Peng *see* Jingwu Qiu 38477
Ying Peng *see* Peng Ying
Ying Robin *see* Robin Ying
Ying Runjie *see* Runjie Ying
Ying Sun *see* Guo-Guang Mu 29994
Ying Xu Nai *see* Xu Nai Ying
Ying Zhang, Oehrlein, G.S., de Fresart, E., Corbett, J.W. Reactive ion etching of SiGe alloys using fluorine-containing plasmas 2149
Ying-Chun Chuang, Ping-Her Tsai, Chung-Chuang Wei, Jiann-Fuh Chen, Yu-Min Wu Study and implementation of double hysteresis-controlled inverter on vector control for induction motor drives 8830
Ying-Chun Li *see* Li Ying-Chun
Ying-Dar Jason Lin, Tzu-Chieh Tsai, San-Chiao Huang, Gerla, M. HAP: a new model for packet arrivals 30196
Ying-Dar Lin, Gerla, M. Induction and deduction for autonomous networks 30311
Ying-Dong Liu, Ya-Wei Wang A new measurement of metal surface roughness r_q and s_m by using dynamic speckle 31433
Ying-guang Shi *see* Shi Ying-guang
Ying-Jun Zhao *see* Zhao Ying-Jun
Ying-Li Chen *see* Yi-Min Hua 3786
Ying-Ming Li, Jabri, M.A. Global routing using a neural network strategy 9913
Ying-Ming Wu *see* Ching-Chir Shyur 45972
Ying-Peng Huang *see* Xi-Qi Feng 41244
Ying-Shuo Tsai *see* Wei-Song Lin 8376
Ying-Wai Ho *see* Burgess, B. 41930
Ying-Wei Jan *see* Starzyk, J.A. 45153
Ying-Wen Bai, Zukowski, C.A. Delay-time bounds and waveform bounds for RLCG ladder networks 34144
Ying-Yi Hong, Shan-Yu Lin Integration of fuzzy set theory and expert systems to solve multicase VAr planning 24842
Yingbo Hua High resolution imaging of continuously moving object using stepped frequency radar 30881
Yingen Xiong, Dezong Wang The technology of image processing for air vehicle and its property research 7526
Yingen Xiong *see* Dezong Wang 4990
Yinghua Min, Yutang Zhou, Zhongcheng Li, Cheng Ye, Yuqi Pan Behavioral design and prototyping of a fail-safe system 48344
Yinghua Zhang *see* Zhang Yinghua
Yingjiang Hu *see* Hu Yingjiang
Yingjie Li *see* Chu, B. 47023
Yingjie Zhao *see* Zhong, J. 20866
Yingkua Zhang *see* Zhang Yingkua
Yingming Wang *see* Wang Yingming
Yingpu Xie *see* Xie Yingpu
Yingsuo, Z. On several important problems of thermogravimetric point slope (TPS) method 43184
Yinguan Sun *see* Huaying Wang 12027
Yinguan Wang *see* Wang Yinguan
Yingwu Lian, Hong Gao, Peixian Ye, Qingcai Guan, Jiyang Wang Self-pumped phase conjugation with a new mechanism in $KTa_{1-x}Nb_xO_3$:Fe crystals 3837
Yingxin Bai, Shisheng Chen, Zhijiang Wang, Guoqing Zhang Novel self-mode-locking mechanism in narrow-band lasers 11913
Yingying Zhao *see* Haosheng Fei 44159
Yingzheng Ruan *see* Ruan Yingzheng
Yinhua Zhang *see* Zhang Yinhua
Yinjan Zheng *see* Zheng Yinjan
Yinming Wang *see* Wang Yinming
Yinqing Zhou *see* Zhou Yinqing
Yinsheng Wang *see* Wang Yinsheng
Yinyu Ye *see* Chi-Guen Han 565
Yinzhong Jiang *see* Jiang Yinzhong
Yinzi Zhang *see* Zhang Yinzi
Yiourgalis, N., Epitropakis, G., Kokkinakis, G. Some important cues on improving the quality of a TTS system 13050
Yiourgalis, N. *see* Epitropakis, G. 13051
Yip, G.L. *see* Allard, P.G. 3042
Yip, G.L. *see* Kan, D. 3094
Yip, G.L. *see* Mounier, E. 3123
Yip, G.L. *see* Sun, L. 3082
Yip, G.L. *see* Xiang, F. 3096
Yip, P. *see* Zhou, Y. 21911
Yip, P.C. *see* Zhou, Y. 36723
Yip, P.C.L., Leung, C.K., Lund, T. Upper limit estimation on the conversion gain of a mixer 26753
Yip, P.C.L., Leung, C.K., Lund, T. An emitter-injected mixer with improved conversion gain, efficiency 26754
Yip, S.W. *see* Young, S.T. 47069
Yip Gar Lam *see* Gar Lam Yip
Yip Kwok-leung *see* Kwok-leung Yip
Yip Wai-Yeung *see* Wai-Yeung Yip
Yiping Huang *see* Huang Yiping
Yiping Wang *see* Wang Yiping
Yiping Zeng *see* Zeng Yiping
Yiping Zheng *see* Chunhui Yan 42523
Yiqian Xu *see* Xu Yiqian
Yiqing Chen *see* Chen Yiqing
Yiquan Wu *see* Wu Yiquan
Yiqun Chen *see* Wenhua Dou 5534
Yiqun Lu *see* Lu Yiqun
Yira, J. *see* Olson, R. 19218
Yisong Dai A dynamic noise measurement technique used to estimate activation energies for failure mechanisms of a transistor 11150
Yisong Dai *see* Dai Yisong
Yisong Li *see* Tamil, L.S. 43603

Yiu Tong-Shun The characteristic difference method for nonlinear convection-diffusion problems in two space variables 18094
Yiu-Kwong Man On computing closed forms for indefinite summations 33519
Yiu-Wing Leung Optimal life testing schedule for multiple types of integrated circuits 33437
Yiwei Xia *see* Xia Yiwei
Yixian Yang *see* Yang Yixian
Yixin Ni *see* Ni Yixin
Yixin Yu *see* Yu Yixin
Yixing Shi *see* Shi Yixing
Yixing Tang *see* Tang Yixing
Yixiong Shen *see* Shen Yixiong
Yixun Yan, Keqi Zhang Optical coatings for the FY-1 Meteorological Satellite and airborne remote sensing instruments 47270
Yixun Yan *see* Keqi Zhang 11803
Yixun Yan *see* Yan Yixun
Yiyu Qian *see* Qian Yiyu
Yiyu Zhao, Xiuhua Chen, Youchang Lu, Bin Zhou Design criteria of the consolidated circuit from the point of raising the enthalpy extraction [MHD generators] 25838
Yiyu Zhao *see* Limin Dai 25840
Yiyu Zhao *see* Xiuhua Chen 25841
Yiyu Zhao *see* Zhao Yiyu
Yiyuan Ding *see* Ding Yiyuan
Yizhi Gao *see* Shouhua Huang 30782
Yizhi Gao *see* Gao Yizhi
Yizhi Qi *see* Xizhi Li 31240
Yizhi Weng *see* Weng Yizhi
Yizhuang Xu *see* Jian Zhang 43743
Yizhuang Xu *see* Xu Yizhuang
Yizong He *see* He Yizong
Yli-Hankala, A., Jantti, V., Pyykko, I., Lindgren, L. Vibration stimulus induced EEG bursts in isoflurane anaesthesia 31916
Yli-Hankala, A. *see* Lipping, T. 39067
Yli-Hankala, A. *see* Loula, P. 39070
Yli-Hankala, A.M. *see* Annila, P.A. 47090
Yli-Juuti, E. *see* Prieur, E. 644
Ylilammi, M. *see* Kattelus, H. 9671
Yliopisto, O. *see* Juuma, T. 9359
Ylitalo, J., Ermert, H. A synthetic aperture ultrasonic imaging method: experiment 15711
Ylostalo, J. *see* Huhtinen, M. 7183
Ymeri, H.M. The use of multipole expansions for far-field calculations 44220
Ymeri, H.M. A general solution of the Dirichlet problem for a charged nonconducting disk and a metal sphere 44230
Yngvesson, K.S. *see* Ekstrom, H. 27237
Yngvesson, K.S. *see* Gingras, R.L. 23177
Yngvesson, K.S. *see* Grammer, W. 19003
Yo-Sung Ho, Basile, C., Miron, A. MPEG-based video coding for digital simulcasting 30990
Yo-Sung Ho *see* Coppisetti, N. 38288
Yoda, H. *see* Kawano, M. 27907
Yoda, M., Ofuchi, M., Tsuzuki, K. Water environment and water preservation technology 47286
Yoda, M., Suzuki, K., Miyachi, I. Portable digital systems for lightning current measurement and their applications 39387
Yoda, S. *see* Okuyama, T. 23338
Yoder, M.D. *see* Popov, O.A. 41451
Yoder, M.N. Diamond: its impact on electronics 42391
Yodh, A.G. *see* Yeganeh, M.S. 19370
Yodo, S., Ohta, I., Hayakawa, H., Hasemi, A., Shimizu, M. Miniature optical filter 3284
Yodoshi, K. *see* Hamada, H. 12172
Yoffe, G.W., Brubach, J., Karouta, F., van der Vleuten, W.C., Kaufmann, L.M.F., Wolter, J.H. Low-voltage hetero-nipi waveguide modulators with GaAs/AlAs quantum wells 3187
Yoffe, G.W., Brubach, J., Karouta, F., Wolter, J.H. Single-wavelength all-optical phase modulation in a GaAs/AlAs hetero-nipi waveguide: towards an optical transistor 3084
Yoffe, G.W., Brubach, J., van der Vleuten, W.C., Karouta, F., Wolter, J.H. Low voltage hetero-nipi wavelength modulators 20401
Yogi, T. *see* Tsang, C. 11479
Yogo, Y. *see* Baba, T. 20855
Yogo, Y. *see* Baba, T. 20908
Yoh, K., Nishida, A., Inoue, M. Split-gate InGaAs quantum wire device operated at 80 K 19401
Yoh, K., Nishida, A., Inoue, M. Quantized conductance and its effects on non-linear current-voltage characteristics at 80 K in mesa-etched InAs/AlGaSb quantum wires with split-gate 42497
Yoh, K., Nishida, A., Kunitomo, H., Ogura, T., Inoue, M. Fabrication of InAs single-crystal free-standing wires for the study of electron and thermal transport 27532
Yokayama, Y., Miyamoto, Y., Ohta, M. Very low bit-rate video coding with object-based motion compensation and orthogonal transform 29933
Yokogawa, M. *see* Kaminaka, K. 2684
Yokogawa, T., Floyd, P.D., Hashemi, M.M., Merz, J.L. Impurity induced disordering of OMVPE-grown ZnSe/ZnS strained layer superlattices by germanium diffusion 42473
Yokohama, I., Yokoo, A., Sudo, S., Kubodera, K. Optical wavelength conversion in $LiNbO_3$ single-crystal fibers 12326
Yokohira, T. *see* Michinishi, H. 10113
Yokohira, T. *see* Michinishi, H. 41871
Yokohira, T. *see* Sugano, M. 30460
Yokoi, K. *see* Kobayashi, S. 34301
Yokoi, K. *see* Yokoyama, H. 48085
Yokoi, S. *see* Soyama, Y. 45239
Yokoi, T. *see* Azuma, M. 33708
Yokoi, T. *see* Koseki, T. 48361
Yokoi, T. *see* Osawa, S. 17535
Yokoi, Y. *see* Isaka, K. 48027
Yokokawa, H., Horita, T., Sakai, N., van Hassel, B.A., Kawada, T., Dokiya, M. Oxygen permeation and related phenomena of lanthanum calcium chromites as SOFC interconnects 17346
Yokokawa, H. *see* Dokiya, M. 16737
Yokokawa, H. *see* Horita, T. 40457
Yokokawa, H. *see* Ota, K. 48106
Yokokawa, S. *see* Chang, Y. 34232
Yokokawa, S. *see* Nakamura, T. 12652
Yokokura, K. *see* Homma, M. 17109
Yokomine, K. *see* Satonaka, S. 928
Yokomizu, Y., Ito, K., Matsumura, T., Okubo, H., Kite, Y. Current distribution in parallel-connected YBCO high-temperature superconducting elements with different critical currents 11553
Yokomizu, Y., Ito, K., Matsumura, T., Okubo, H., Kito, Y. Recovery characteristics of YBCO high-temperature superconducting current limiting element for low-voltage distribution systems 16464
Yokomizu, Y. *see* Kito, Y. 25592
Yokoo, A. *see* Yokohama, I. 12326
Yokoo, H. Application of AVL trees to adaptive compression of numerical data 4396
Yokoo, K. *see* Shimawaki, H. 27434
Yokoo, M. *see* Nishibe, Y. 22447
Yokosawa, A. *see* Huang, H. 7044
Yokoshima, I. *see* Ishigami, S. 33852
Yokosuka, H. *see* Furukawa, H. 5913
Yokota, A. *see* Morishita, N. 48339
Yokota, H. *see* Tei, K. 44093
Yokota, K., Nishida, K., Yutani, A., Tamura, S., Horino, Y., Chayahara, A., Satho, M., Hirai, K., Takano, H., Kumagaya, M. Annealing of Se^+-implanted GaAs encapsulated with As-doped a-Si:H 10805
Yokota, K., Sakaguchi, M., Inohara, H., Nakanishi, H., Tamura, S., Horino, Y., Chayahara, A., Satho, M., Hirai, K., Takano, H., Kumagaya, M. Dependence of the activity efficiency of Mg-implanted into GaAs on the concentration of As doped into a-Si:H encapsulants 19780
Yokota, M., Yasumoto, K. Guided TM waves supported by a weakly nonlinear slab waveguide 4238
Yokota, M. *see* Maeda, H. 3890
Yokota, M. *see* Nakamura, M. 12357
Yokota, S., Morimoto, S., Toratani, T. Control of electro-hydraulic manipulators for electric distributed power line task using disturbance observer 39621
Yokota, S. *see* Igaki, M. 43306
Yokota, S. *see* Nakano, H. 12741
Yokota, T. *see* Ando, H. 20262
Yokota, T. *see* Haginomori, E. 16298
Yokota, T. *see* Yamagata, Y. 40377
Yokota, T. *see* Yanabu, S. 17107
Yokotani, A. *see* Naito, K. 35706
Yokote, H., Uno, M. Measurement method of impulse peak voltage by means of feedback pulse-lengthener circuit 38636
Yokouchi, N. *see* Miyamoto, T. 43873
Yokouchi, N. *see* Uchida, T. 12190
Yokouchi, N. *see* Uchida, T. 18226
Yokoya, K., Chen, P. Beam-beam phenomena in linear colliders 31603
Yokoya, K. *see* Huang, H. 7044
Yokoya, N. *see* Fujimura, K. 29802
Yokoya, N. *see* Masuda, T. 37045
Yokoyama, A. Electromagnetic fields of dipoles effected by a semi-infinite media 36406
Yokoyama, A. *see* Kinugasa, N. 38341
Yokoyama, A. *see* Morioka, Y. 16260
Yokoyama, A. *see* Okamoto, H. 7795
Yokoyama, A. *see* Okamoto, H. 24821
Yokoyama, A. *see* Yang, C. 25080
Yokoyama, E., Nagasawa, M., Sige-Eda, T., Mori, K. Precision tension control system for VCR using moving tape guide actuator 23339
Yokoyama, E. *see* Mori, K. 6252
Yokoyama, E. *see* Mori, K. 23337
Yokoyama, E. *see* Nagasawa, M. 23335
Yokoyama, E. *see* Nagasawa, M. 40265
Yokoyama, H., Brorson, S.D., Ippen, E.P., Nishi, K., Anan, T., Suzuki, M., Nambu, Y. Spontaneous and stimulated emissions from optical microcavity structures 3710
Yokoyama, H., Ikuta, K., Inoue, N. Impurity and stoichiometry control in atomic layer epitaxy 9532
Yokoyama, H., Inoue, N. Hydrogen passivation of carbon acceptors in AlAs grown by atomic layer epitaxy 34512
Yokoyama, H., Jeffery, M.J., Inoue, T. Heterodyne force-detection for high frequency local dielectric spectroscopy by scanning Maxwell stress microscopy 23849
Yokoyama, H., Tamamoto, H., Narita, Y. A current testing for CMOS static RAMs 10185
Yokoyama, H., Tamamoto, H., Narita, Y. Built-in current testing for CMOS logic circuits using random patterns 20015
Yokoyama, H., Tokoi, H., Yokoi, K. Large-scale secondary batteries for power utility load leveling 48085
Yokoyama, H. *see* Imai, Y. 24985
Yokoyama, H. *see* Imai, Y. 25049
Yokoyama, H. *see* Numai, T. 3665
Yokoyama, K., Ebisawa, F. Artificial olfactory sensor 23735
Yokoyama, K., Sato, T., Kaizu, H. Experimental study on back swing phenomena of synchronous machine in single machine infinite bus system—examination on the equivalent resistance for an arcing fault 40137
Yokoyama, K., Yamanaka, T., Seki, S., Lui, W. Static wavelength shift for multielectrode DFB lasers with longitudinal mode spatial hole burning using a two-dimensional numerical simulator 12163
Yokoyama, K. *see* Kado, H. 2615
Yokoyama, K. *see* Kano, F. 12109
Yokoyama, K. *see* Lui, W.W. 12108
Yokoyama, K. *see* Lui, W.W. 43834
Yokoyama, K. *see* Seki, S. 3613
Yokoyama, K. *see* Seki, S. 35879
Yokoyama, K. *see* Tohmori, Y. 35895
Yokoyama, K. *see* Yamamoto, N. 35777
Yokoyama, K. *see* Yamanaka, T. 12115
Yokoyama, K. *see* Yamazaki, T. 23627
Yokoyama, M., Kawai, M., Hamada, S., Owaki, K., Yamazaki, T., Mikado, T., Yamada, K., Sei, N., Sugiyama, S., Ohgaki, H., Noguchi, T., Suzuki, R., Chiwaki, M., Tomimasu, T. Single bunch injection of the storage ring NIJI-IV for FEL 46720
Yokoyama, M. *see* Hiramoto, M. 35607
Yokoyama, M. *see* Hiramoto, M. 38499
Yokoyama, M. *see* Itoh, S. 6688
Yokoyama, M. *see* Jiin Wen Li 20549
Yokoyama, M. *see* Lin, J.D. 27699
Yokoyama, N. Current status and prospect of quantum effect devices 19703
Yokoyama, N. *see* Fujii, T. 692
Yokoyama, N. *see* Hayashi, S. 24646
Yokoyama, N. *see* Imamura, K. 42866
Yokoyama, N. *see* Kitsukawa, G. 26921
Yokoyama, N. *see* Kitsukawa, G. 26953
Yokoyama, N. *see* Maekawa, T. 7824
Yokoyama, N. *see* Mori, T. 41888
Yokoyama, R., Ito, K., Matsumoto, Y. Optimal sizing of a gas turbine cogeneration plant in consideration of its operational strategy 47775
Yokoyama, R. *see* Iwase, N. 7788
Yokoyama, R. *see* Kubokawa, J. 7826
Yokoyama, R. *see* Maekawa, T. 7824
Yokoyama, R. *see* Matsumoto, Y. 47818
Yokoyama, R. *see* Miao, Z. 39538
Yokoyama, R. *see* Nakamura, S. 32356
Yokoyama, R. *see* Tanabe, R. 7705
Yokoyama, R. *see* Tanabe, R. 25087
Yokoyama, R. *see* Watanabe, T. 45036
Yokoyama, R. *see* Yoshimoto, K. 9186
Yokoyama, R. *see* Yoshimoto, K. 16494
Yokoyama, R. *see* Yoshimoto, K. 25217
Yokoyama, S., Araki, T., Suzuki, N. Intermode beat stabilized laser with frequency pulling 35679
Yokoyama, S., Ichikawa, H., Ichikawa, Y., Koyanagi, M. Effects of hydrogen and bias on single-crystal Al growth on vicinal Si by DC magnetron sputtering 41434
Yokoyama, S. *see* Higasa, H. 25851
Yokoyama, S. *see* Iji, M. 17826
Yokoyama, S. *see* Kojima, S. 24994
Yokoyama, S. *see* Koyanagi, M. 1224
Yokoyama, S. *see* Miyake, K. 43682
Yokoyama, S. *see* Nagata, T. 43680
Yokoyama, T., Kawamura, A. Disturbance observer based digitally controlled PWM inverter for UPS application 8649
Yokoyama, T., Kawamura, A. Digital control of three phase PWM inverter for UPS application based on disturbance observer and deadbeat control 17013
Yokoyama, T. *see* Kamiya, K. 23331
Yokoyama, T. *see* Seno, K. 34047
Yokoyama Meiso *see* Meiso Yokoyama
Yokozawa, T. *see* Ebina, K. 20617
Yokozeki, S. *see* Iida, T. 20286
Yomezawa, H. *see* Sato, Y. 19443
Yon Su *see* Su Yon
Yon-Tack Chung, Young-Soo Seo, Dae-Young Sung, Young-Bae Lim, Young-Chun Kim, Moon-Teak Cho, Sung-Kyun Kim A study on circuit simulation using GTO thyristor modeling 11185
Yonah, Z.O., El-Serafi, A.M., Krause, A.E. Performance of a computer-based two-phase excitation system for a variable-speed dual-excited synchronous generator 32847
Yoneama, M.-L. *see* Govaert, K. 31556
Yonechi, S. Analysis on shift phenomena between cable constructing elements under external force 5999
Yoneda, E. *see* Matsui, S. 14659
Yoneda, K., Todokoro, Y., Inoue, M. Top-oxidation effects on the reliability of oxide-nitride-oxide stacked film 10893

Yoneda, K. *see* Chiba, T. 16473
Yoneda, K. *see* Fujihara, M. 257
Yoneda, K. *see* Inoue, Y. 42779
Yoneda, K. *see* Kido, M. 39685
Yoneda, K. *see* Mameno, K. 19527
Yoneda, K. *see* Morimoto, Y. 18203
Yoneda, M., Nakamura, Y., Tsushi, A., Ichimura, K. Effect of Zn diffusion on the properties of AlGaAs double-hetero light-emitting diodes 3354
Yoneda, T., Matsushita, Y. An integrated service LAN using variable length packet circulation scheme 5530
Yoneda, T. *see* Hayashi, S. 24639
Yoneda, T. *see* Nakagawa, Y. 28346
Yoneda, Y., Niwayama, K., Yamauchi, Y., Obi, H., Yamaguchi, Y. A GTO power brick 34939
Yoneda, Y. *see* Wakino, K. 42328
Yoneda, Y. *see* Yoshimoto, H. 20144
Yonehara, G.N. *see* Duncan, W.A. 28715
Yonehara, H., Kang, W.-B., Shimizu, M., Kawara, T., Pac, C., Tachikawa, Y., Maki, H. Crystal structure and molecular orbital calculations for nonlinear optical properties of 2′-carboxymethoxy-4,4′-bis(3-methyl-2-butenyloxy)-chalcone 12392
Yonehara, S., Takano, T. Diffraction control and improvement of interference characteristics by beam shaping 11802
Yonehara, T. *see* Kumomi, H. 41235
Yonei, K., Omoto, O. Computer numerical analysis of the high-speed performance of a two-phase Schottky barrier CCD with a metal shielding layer 43131
Yonekawa, K. *see* Ohtomo, A. 42914
Yonekura, T., Tsutsumi, Y., Sigiyama, S., Kikuchi, T. Piecewise linear factor analysis by four layer neural networks and its application for modeling the partial discharge data 16378
Yonekura, T. *see* Tsutsumi, Y. 2697
Yonekura, T. *see* Uehara, K. 12770
Yonemori, H. *see* Miyagawa, K. 32917
Yonemoto, R., Enomoto, Y., Watarai, K. 16 Kbit BiCMOS compilable gate array RAM with 2.5 ns access time 18710
Yonemura, R. *see* Sawai, T. 37989
Yonenaga, K., Takachio, N. A fiber chromatic dispersion compensation technique with an optical SSB transmission in optical homodyne detection systems 23009
Yonetani, H., Kamite, K., Ushijima, I. DFB laser diode and module for analog application 35840
Yonetsuka, N., Izumi, T., Takahashi, Y. On improvement of the *f*-function of FEAL cipher 29468
Yoneyama, H. *see* Kuwabata, S. 18314
Yoneyama, M. *see* Hamamoto, Y. 38301
Yoneyama, M. *see* Watanabe, S. 16082
Yoneyama, T. *see* Artuzi, W.A., Jr 34212
Yoneyama, T. *see* Fukuno, A. 11460
Yoneyama, T. *see* Maamria, K. 36446
Yoneyama, T. *see* Niu, D.-C. 1462
Yoneyama, T. *see* Niu, D.-C. 42172
Yonezawa, N. *see* Kim, T. 41588
Yonezawa, S. *see* Ogihara, T. 18324
Yonezawa, S. *see* Ogihara, T. 48058
Yonezawa, T. *see* Inoue, T. 26905
Yonezawa, Y. *see* Okamoto, H. 23463
Yonezu, H. *see* Maruyama, H. 674
Yonezu, H. *see* Tsuji, K. 1353
Yong, Y.-K., Stewart, J.T., Ballato, A. A laminated plate theory for high frequency, piezoelectric thin-film resonators 20060
Yong, Y.-K., Zhang, Z. A perturbation method for finite element modeling of piezoelectric vibrations in quartz plate resonators 11395
Yong, Y.-K., Zhang, Z. On straight crested waves in a third overtone SC-cut quartz resonator 20097
Yong Bai Son *see* Kyung Yong Kim 28293
Yong Chen *see* Tianjue Zhang 15532
Yong Ching Lim *see* Yong Lian 6266
Yong Deok Noh *see* Noh Yong Deok
Yong Eui Lee, Hyeong Joon Kim, Young Jin Kim, Ki-Kang Lee, Byung Ho Choi, Kyung Hoon Yoon, Jin Soo Song Preparation of homogeneous polycrystalline $CuInSe_2$ thin films by a two-step chemical-vapor-transport process 33731
Yong Han *see* Jianhua Jiang 6922
Yong Han Kim *see* Chieteuk Ahn 30988
Yong Hee Lee *see* Hyeon Soo Kim 20137
Yong Ho Kang *see* Warwick, K. 41104
Yong Ho Lee *see* Se Ii Park 2892
Yong Hong Sung *see* Sung Yong Hong
Yong Jae Lee, In Ho Moon, Sun Young Hwang Design of a logic/timing extraction system for higher-level-design verification 1214
Yong Jin Song, Joo Wook Park, Seung Ki Joo A study on the double-layered dielectric films of tantalum oxide and silicon nitride formed by in situ process 2106
Yong Ki Park *see* Soon-Gul Lee 43358
Yong Kim *see* Min-Suk Lee 9715
Yong Kim Dae *see* Dae Yong Kim
Yong Kim Ho *see* Ho Yong Kim
Yong Kim Kyung *see* Kyung Yong Kim
Yong Kim Sun *see* Sun Yong Kim
Yong Le Chen *see* Chen Yong Le
Yong Lee Jeong *see* Jeong Yong Lee
Yong Li *see* Murthy, K.A. 567
Yong Lian, Yong Ching Lim Linear-phase digital audio tone control using multiplication-free FIR filter 6266
Yong Lim Kia *see* Lim Kia Yong
Yong Liu, Zakhor, A. Computer aided phase shift mask design with reduced complexity 2343
Yong Ohk Chin *see* Ok Hwan Byeon 5572
Yong Park In *see* In Yong Park
Yong Seong Pyong *see* Pyong Yong Seong
Yong Siong Kiat, Tan Li Li, Soong Boon Hee A real-time PC-based CCITT common channel signalling No.7 protocol simulator 13909
Yong Sun Oh *see* Hyoung Rae Cho 37706
Yong Tae Kim, Chang Woo Lee, Suk-Ki Min Performance of the plasma-deposited tungsten nitride diffusion barrier for Al and Au metallization 27793
Yong Tae Kim *see* Chang Woo Lee 27771
Yong Tee Kim *see* Chang Woo Lee 42749
Yong Voon-Fee *see* Voon-Fee Yong
Yong Xu *see* Shi-Chang Zhang 20926
Yong Yan, Byrne, B., Coulthard, J. Radiometric determination of dilute inhomogeneous solids loading in pneumatic conveying systems 31517
Yong Yan *see* Jun Zhang 30071
Yong Yan *see* Yan Yong
Yong Zheng *see* Zheng Yong
Yong Zhu, Weight, J.P. Ultrasonic nondestructive evaluation of highly scattering materials using adaptive filtering and detection 33791
Yong-Chao Shi *see* Shi Yong-Chao
Yong-Chien Ling *see* Ming-Kaan Liang 10983
Yong-Dong Pan *see* Pan Yong-Dong
Yong-En Chen *see* Mehlan, R. 22836
Yong-Feng Lu Comment on 'steady-state temperature profile for a thin-film resistor under bias' [J. Appl. Phys. 72, 3862 (1992)] 10516
Yong-Ge Wu *see* Yong-Qing Cheng 30016
Yong-Ge Wu *see* Yong-Qing Cheng 44925
Yong-Ho Oh, Hyung Joun Yoo, Byung-Sun Park, Zion Cah, Hyo-Joong Kim, Young-Jin Jeon A new mask technique for optical lithography—dummy diffraction mask 2278
Yong-Ho Oh *see* Hyung Joun Yoo 27853
Yong-Hoon Yun *see* Kai Zhang 653
Yong-Hua Yang *see* Yang Yong-Hua
Yong-Jin Park *see* Jae-Hong Yim 37497
Yong-Jun Wu *see* Wu Yong-Jun
Yong-Kwan Park *see* Mizrahi, V. 45946
Yong-Le Chen *see* Chen Yong-Le
Yong-Min Ha, Seong-Hoon Lee, Chul-Hi Han, Choong-Ki Kim Effects of oxygen on crystallization of amorphous silicon films and polysilicon TFT characteristics 34945
Yong-Qing Cheng, Yong-Ge Wu, Ke Liu, Jing-Yu Yang A novel approach to object recognition by the fusion method 30016
Yong-Qing Cheng, Yong-Ge Wu, Ke Liu, Jing-Yu Yang A generalized integration method of evidences with dependency information 44925
Yong-Qing Cheng *see* Ke Liu 23698
Yong-Qing Cheng *see* Ke Liu 46281
Yong-Qing Ding *see* Ding Yong-Qing
Yong-Sang Kim, Kwon-Young Choi, Seong-Kyu Lee, Byung-Hyuk Min, Min-Koo Han Structural dimension effects of plasma hydrogenation on low-temperature poly-Si thin film transistors 42930
Yong-Su Han *see* Han Yong-Su
Yong-Tak Lee *see* Ji-Beom Yoo 662
Yong-Woo Lee, Chung-Ho Choi EXPO 1993 meeting hall communication network system: complex LAN systems applied to various client server modes 30408
Yong-Woo Lee, Seog-Joong Kim, In-Chul Yoo, Chung-Ho Choi Simulation for the efficient construction of the EXPO 1993 meeting hall computer 30409
Yong-Xiao Chen *see* Chen Yong-Xiao
Yong-Yuan Zhu, Nai-Ben Ming A possible application of a periodic optical superlattice 43183
Yongacoglu, A., Wang, J. A spread-spectrum system employing permutation modulation 22970
Yongacoglu, A. *see* Ghareeb, I. 45834
Yongacoglu, A. *see* Trabelsi, C. 22969
Yongacoglu, A. *see* Zhuang, W. 37943
Yongbin Chen *see* Chen Yongbin
Yongbin Wang *see* Wang Yongbin
Yongchang Jiao *see* Jiao Yongchang
Yongcheng Miao *see* Miao Yongcheng
Yonggao Yang *see* Yang Yonggao
Yonggui Li *see* Jialin Xie 43973
Yonggui Li *see* Li Yonggui
Yonggui Liu *see* Liu Yonggui
Yonghe Xin, Suzhen Wang An investigation of sulfonated polysulfone humidity-sensitive materials 46351
Yonghuang Zeng *see* Xiangning He 8536
Yongji, H., Deheng, L. A new method for optimal output of a solar cell array 8774
Yongji Guo *see* Guo Yongji
Yongjian Wu *see* Wu Yongjian
Yongjiang Wang *see* Jian Wang 34577
Yongjiu Yuan *see* Yuan Yongjiu
Yongjun Lian *see* Lian Yongjun
Yongjun Wu *see* Wu Yongjun
Yongkang Guo *see* Guo Yongkang
Yongliang Fan *see* Qian Cui 34705
Yongliang Wang *see* Wang Yongliang
Yonglu Deng, Bihai Tang Comparing of system reliabilities of repairable coherent systems in a changing environment 26249
Yongmei Wang *see* Wang Yongmei
Yongmin Zhang *see* Zhang Yongmin
Yongmo Zhuo *see* Zhuo Yongmo
Yongnan Xuan, Fikart, J.I. Computer-aided design of microwave frequency doublers using a new circuit structure 42246
Yongping Dou, Yanling Ke Some performance formulae for the integrated traffic transmission models 13879
Yongquan Shi *see* Shi Yongquan
Yongrong Wang *see* Wang Yongrong
Yongsheng Chen *see* Chen Yongsheng
Yonguan Cheng *see* Cheng Yonguan
Yongxiang Hu *see* Jingwu Qiu 38477
Yongxiang Hu *see* Hu Yongxiang
Yongxin Xiao *see* Xiao Yongxin
Yongyi Yang, Galatsanos, N.P., Katsaggelos, A.K. Regularized reconstruction to reduce blocking artifacts of block discrete cosine transform compressed images 37015
Yongyuan, S. *see* Xuefeng, Y. 11555
Yongyuan Cheng *see* Cheng Yongyuan
Yongyuan Song *see* Xuefeng Yue 44053
Yongyuan Yang *see* Cunlin Zhang 29046
Yongzhang Huang *see* Jialin Xie 43973
Yongzhang Huang *see* Huang Yongzhang
Yongzhong Xiong *see* Xiong Yongzhong
Yonhong Jhung, Swain, P.H. Bayesian classification of multivariate image after MAP reconstruction of noisy channels 45152
Yonkoski, R.K., Soane, D.S. A mathematical model for planarization of microelectronic topographies 34887
Yonnet, J.-P., Hemmerlin, S., Rulliere, E., Lemarquand, G. Analytical calculation of permanent magnet couplings 43323
Yonnet, J.P. *see* Teixeira, J.C. 8329
Yoo, C.S. *see* Wang, L.S. 2134
Yoo, D.W. *see* Won, C.Y. 16848
Yoo, H.J., Myler, H.R., Weeks, A.R. Surface extraction using spatial position from line drawings 5094
Yoo, I.K., Desu, S.B. Fatigue and hysteresis modeling of ferroelectric materials 11355
Yoo, I.K. *see* Desu, S.B. 2695
Yoo, I.K. *see* Desu, S.B. 35119
Yoo, J.S., Fang, S., Lee, H.H. Condition for no thermal runaway in CW semiconductor lasers 20879
Yoo, J.S., Lee, S.H., Park, G.T., Ko, Y.T., Taeil Kim Peculiarities of catastrophic optical damage in single quantum well InGaAsP/InGaP buried-heterostructure lasers 35842
Yoo, J.Y. *see* Song, J.I. 20792
Yoo, P. RISC in real time: VMEbus and Futurebus+ boards 41925
Yoo, S.H. *see* Szymanski, J.J. 38862
Yoo, Y.K. *see* Park, K.S. 40881
Yoo Byueng-Su *see* Byueng-Su Yoo
Yoo Hyung Joun *see* Hyung Joun Yoo
Yoo In-Chul *see* In-Chul Yoo
Yoo Jae S. *see* Jae S. Yoo
Yoo Jaechul *see* Jaechul Yoo
Yoo Ji-Beom *see* Ji-Beom Yoo
Yoo Kwang Soo *see* Kwang Soo Yoo
Yoo Moonhyun *see* Moonhyun Yoo
Yoo Soon Sung *see* Soon Sung Yoo
Yoo Tae-Kyung *see* Tae-Kyung Yoo
Yoo Wan-Suk *see* Wan-Suk Yoo
Yoo Yeon-Sik *see* Yeon-Sik Yoo
Yoom, T. *see* Lerch, E. 25981
Yoon, D.Y. *see* Ito, H. 11051
Yoon, E. *see* Gregus, J.A. 10914
Yoon, E. *see* Gregus, J.A. 29060
Yoon, G.W., Joshi, A.B., Kim, J., Kwong, D.L. High quality ultra-thin tunneling N_2O oxides fabricated by RTP 2698
Yoon, G.W. *see* Kim, J. 19599
Yoon, H.N. *see* Mortazavi, M.A. 11648
Yoon, J.K., Jang, Y.H., Kim, B.K., Choi, H.S., Ahn, B.C., Lee, C. Voltage dependence of off current in a-Si:H TFT under backlight illumination 34995
Yoon, M., Lee, T., Choi, J., Kim, G.H. Closed orbit distortion and correction of the PLS 2 GeV storage ring 7024
Yoon, M., Lee, T., Choi, J., Kim, G.H. Injection dynamics of the Pohang Light Source storage ring 15563
Yoon, P.A. *see* Barlow, J.L. 33501
Yoon, S.F., Li, H.M., Radhakrishnan, K., Zhang, D.H. Photoluminescence from strained GaAs/$In_{0.12}Ga_{0.88}As$ multiple quantum-wells grown with and without growth interruption by molecular beam epitaxy 699
Yoon, S.F. *see* Zhang, D.H. 41258
Yoon, S.Y. *see* Hong, S.-E. 22917
Yoon, T.H. *see* Suh, H.S. 11917
Yoon, Y.C., Kohno, R., Imai, H. A spread-spectrum multiaccess system with cochannel interference cancellation for multipath fading channels 5714
Yoon, Y.R., Ersoy, O.K. A probabilistic spectral feature extraction technique for neural networks 29858
Yoon Euijoon *see* Euijoon Yoon
Yoon Hyun Shik *see* Hyun Shik Yoon

Yoon Hyunsoo *see* Hyunsoo Yoon
Yoon Jae-Heung *see* Jae-Heung Yoon
Yoon Jong-Kyu *see* Jong-Kyu Yoon
Yoon Ki Jang *see* Joong Eon Seo 23347
Yoon Kyoo Jhee *see* Jae Cheol Son 13242
Yoon Kyoo Jhee *see* Jae Cheol Son 21732
Yoon Kyoo Jhee *see* Jinho Choi 45012
Yoon Kyung Hoon *see* Kyung Hoon Yoon
Yoon Sang Ok *see* Sang Ok Yoon
Yoon Sang-Joon *see* Sang-Joon Yoon
Yoon Seok Jin *see* Seok Jin Yoon
Yoon Soon Fatt *see* Soon Fatt Yoon
Yoon Young Chul *see* Young Chul Yoon
Yoon Young Joong *see* Young Joong Yoon
Yoon Young-Gi *see* Young-Gi Yoon
Yoon Yung Lee, Woods, J.W. Video post-production with compressed images 45265
Yoon-Ho Kim, Baek-Haeng Lee, Tae-Wook Eum A new phase energization strategy for the minimization of torque ripples in hybrid step motors 16904
Yoon-Ho Kim, Yeon-Sik Yoo, Ki-Hong Oh Self-tuning adaptive controllers using state observers 16887
Yoon-Ho Song, Jong-Tae Baek, Kee-Soo Nam, Sang-Won Kang A new annealing method to obtain high quality poly-Si 9742
Yoonkee Kim *see* Hunt, W.D. 11445
Yordanov, B., Yordanov, R., Fragiacomo, S., Doughty, K. Low-Cost radiated emissions analysis 29215
Yordanov, R. *see* Yordanov, B. 29215
Yorino, N. *see* Kubokawa, J. 7826
York, B.R. *see* Favreau, C.R. 39748
York, G. *see* Bigio, I.J. 20634
York, P.K. *see* Abeles, J.H. 20863
York, R.A. Nonlinear analysis of phase relationships in quasi-optical oscillator arrays 34254
York, R.A. *see* Liao, P. 36435
York, R.A. *see* Liao, P. 36444
York, R.A. *see* Tsai, H.S. 10496
York, R.L., Tupa, D., Swenson, D.R., McNaughton, M.W., van Dyck, O.B. Performance of the LAMPF optically pumped polarized ion source 31638
York, R.L. *see* Swenson, D.R. 31639
York, S. *see* Quinn, P.D. 15454
York, T. *see* Haycock, R. 42119
York-Yih Sun *see* Wen-Inne Tsai 8626
York-Yih Sun *see* Wen-Inne Tsai 8632
Yorkston, J., Antonuk, L.E., Boudry, J., Huang, W., Morton, E.J., Street, R.A. Selection of a-Si:H array operating parameters for medical imaging applications 31321
Yorkston, J., Antonuk, L.E., Huang, W., Street, R.A. Photoresponse linearity of a-Si:H imaging pixels 31301
Yorkston, J. *see* Antonuk, L.E. 31300
Yorkston, J. *see* Antonuk, L.E. 31909
Yorkston, J. *see* Morton, E.J. 15731
Yoroizawa, I. *see* Kawamura, H. 30100
Yorozu, T. *see* Hu, X. 20152
Yorozuya, T., Takasu, N., Isaka, S., Suzuki, T., Hashimoto, Y., Ishioka, Y. Diagnosis of oil-immersed transformers by colorimetry of insulating paper 40275
Yoshida, A., Asakura, T. Crosstalk-limited transmission distance in bidirectional fibre optic systems 14581
Yoshida, A., Ikeda, S., Tsuchimoto, H. Hydrogenated amorphous silicon films prepared from trisilane by windowless hydrogen discharge lamp 41416
Yoshida, A. *see* Ikejiri, M. 41322
Yoshida, A. *see* Nagata, K. 3307
Yoshida, A. *see* Yamauchi, M. 7162
Yoshida, E., Kimura, Y., Nakazawa, M. Femtosecond erbium-doped fiber lasers and a soliton compression technique 3520
Yoshida, E., Kimura, Y., Nakazawa, M. A femtosecond erbium-doped fiber laser with a nonlinear amplifying loop mirror pumped by laser diodes and with repetition rate control of its output pulses 3567
Yoshida, E., Yamada, E., Kimura, Y. Femtosecond erbium-doped fiber laser using nonlinear switching 28764
Yoshida, H., Katada, F., Sakamoto, Y., Iwasa, A., Endo, T. Use of the Josephson junction array voltage standard in industry 6274
Yoshida, H., Nakamura, K., Ninomiya, H., Horiguchi, S. Experimental study of excimer formation kinetics in a discharge-pumped KrF excimer laser 28694
Yoshida, H., Ninomiya, H. Output characteristics of a KrF-laser-pumped Fe vapor laser 43722
Yoshida, H., Sakamoto, Y., Klein, U., Endo, T. Improvements in the millimeter-wave system for Josephson junction array voltage standard systems 6752
Yoshida, H., Tsuda, H., Nakamura, K., Ohashi, M. A full-color TFT-LCD with a polymer-dispersed structure 31358
Yoshida, H., Yana, K., Okuyama, E., Tokoro, T. Time-varying properties of respiratory fluctuations in pupil diameter of human eyes 38959
Yoshida, H. *see* Horie, M. 33730
Yoshida, H. *see* Ikeda, H. 8546
Yoshida, H. *see* Ikeda, H. 14615
Yoshida, H. *see* Ikeda, H. 23024
Yoshida, H. *see* Kishino, S. 10792
Yoshida, H. *see* Kojima, T. 21521
Yoshida, H. *see* Li, J. 23052
Yoshida, H. *see* Matsubara, Y.-I. 14666
Yoshida, H. *see* Motokoshi, S. 12290
Yoshida, H. *see* Murata, K. 30541
Yoshida, H. *see* Nagashima, Y. 23149
Yoshida, H. *see* Rabou, N.A. 14604
Yoshida, H. *see* Shinohara, S. 15263
Yoshida, H. *see* Suzuki, T. 8521
Yoshida, H. *see* Suzuki, T. 16073
Yoshida, H. *see* Tanada, Y. 4452
Yoshida, H. *see* Terasaki, M. 48068
Yoshida, H. *see* Uchino, K. 20270
Yoshida, H. *see* Ueno, S. 39038
Yoshida, H. *see* Ueno, T. 46101
Yoshida, H. *see* Wu, Y. 5987
Yoshida, H. *see* Wu, Y. 38072
Yoshida, I., Katsueda, M., Ohtaka, S., Maruyama, Y., Okabe, T. Highly efficient UHF-band Si power MOSFET for RF power amplifiers 19077
Yoshida, I. *see* Hashimoto, J. 12175
Yoshida, J., Yamada, M., Terui, H. Packaging and reliability of photonic components for subscriber network systems 45961
Yoshida, J. *see* Hirayama, H. 43910
Yoshida, J.-I. *see* Fukuda, M. 5889
Yoshida, K., Hara, M., Uesaka, Y., Nakatani, Y., Hayashi, N. Computer simulation of thin-film media noise using an autocorrelation function along the track direction 28383
Yoshida, K., Horiguchi, N., Kanda, Y. Microwave characteristics of a traveling-wave type $LiNbO_3$ optical modulator with superconducting electrodes 3183
Yoshida, K., Jinushi, H., Sakaniwa, K. A decoding algorithm and some properties of Boinck and Tilborg's t-EC/AUED code 21603
Yoshida, K., Ohta, T., Sueki, H., Yamada, H., Shigematsu, T., Kimura, T. Mechanical-type optical switch for DSF 5878
Yoshida, K. *see* Akagi, F. 43296
Yoshida, K. *see* Ebiike, Y. 25902
Yoshida, K. *see* Ishikawa, C. 11492
Yoshida, K. *see* Ishikawa, C. 28382
Yoshida, K. *see* Iwata, Y. 7312
Yoshida, K. *see* Koizumi, N. 20227
Yoshida, K. *see* Motokoshi, S. 12290
Yoshida, K. *see* Nagura, N. 28262
Yoshida, K. *see* Ogata, T. 17229
Yoshida, K. *see* Ogihara, T. 18324
Yoshida, K. *see* Ogihara, T. 48058
Yoshida, K. *see* Tsuji, H. 28422
Yoshida, M., Frechet, J.M.J. Cationic chemistry and chemically amplified resist materials for microlithography: synthesis and applications of copolymers of 4-(1-hydroxy-1-methylethyl)styrene and styrene or 4-hydroxystyrene 42817
Yoshida, M., Kirisawa, K. Compression of the different signal of stereopairs 36945
Yoshida, M., Okazaki, H. A study on ATM network planning based on evaluation of design items 22321
Yoshida, M., Shigemori, K., sugimura, M., Matano, M. Sensitivity enhancement of evanescent wave immunoassay 15100
Yoshida, M., Soebagia, H., Murai, Y., Lipo, T.A. Series resonant DC link dual converter as a DC motor drive 8575
Yoshida, M., Tamada, M., Asano, M., Omichi, H., Kubota, H., Katakai, R., Spohr, R., Vetter, J. Stimulus-responsive track pores 7267
Yoshida, M., Yamakawa, S., Araki, H., Suzuki, S. Low-noise inverter drives for elevators 40577
Yoshida, M. *see* Isagawa, S. 10619
Yoshida, M. *see* Ishii, H. 40347
Yoshida, M. *see* Minami, K. 19598
Yoshida, M. *see* Nakamura, M. 18274
Yoshida, M. *see* Naoi, S. 4945
Yoshida, M. *see* Schweppe, E.-G. 10621
Yoshida, M. *see* Youyang Wu 46957
Yoshida, N. Time-dependent formulation of scalar potential field with Lorentz gauge condition for lossive field 3973
Yoshida, N. Unified treatment of scalar and vector potential fields with Lorentz gauge condition by spatial network expression 12517
Yoshida, N., Chichibu, S., Akane, T., Totsuka, M., Uji, H., Matsumoto, S., Higuchi, H. Surface passivation of GaAs using ArF excimer laser in a H_2S gas ambient 10913
Yoshida, N. *see* Isomoto, K. 19932
Yoshida, N. *see* Izumi, S. 11246
Yoshida, N. *see* Katoh, T. 1525
Yoshida, N. *see* Koide, T. 19955
Yoshida, N. *see* Matsubara, M. 20256
Yoshida, N. *see* Rokugo, Y. 30175
Yoshida, R. ZEUS uranium calorimeter 31747
Yoshida, R. *see* Behrens, U. 31736
Yoshida, S. A pattern jitter free AFC scheme for mobile satellite systems 37939
Yoshida, S. Recent trends of cable TV in USA 38315
Yoshida, S., Sasaki, M. New damage-free patterning method of a GaAs oxide mask and GaAs selective growth using the metalorganic molecular beam epitaxy method 9625
Yoshida, S., Sasaki, M. Catalytic decomposition of ammonia gas using aluminium oxide for GaN formation 41283
Yoshida, S., Shimizu, K., Tahil, H., Tanaka, I. Application of a telescopic resonator to high-power chemical oxygen-iodine lasers 44019
Yoshida, S., Yu, Y., Yamaguchi, H., Thal, E. 3rd generation high performance intelligent power module series 32931
Yoshida, S. *see* Kurosawa, K. 32503
Yoshida, S. *see* Matsuda, S. 40495
Yoshida, S. *see* Okumura, H. 41367
Yoshida, S. *see* Saka, Y. 38342
Yoshida, S. *see* Takachio, N. 30844
Yoshida, S. *see* Takinami, N. 16318
Yoshida, S. *see* Yamada, T. 25041
Yoshida, S. *see* Yoshikawa, M. 19454
Yoshida, T., Nishihara, A., Fujii, N. A design method for 3-dimensional band-limiting FIR filters using McClellan transformation 1332
Yoshida, T., Ogawa, S., Miyajima, A., Yano, K. A low parasitic capacitance scheme by thermally stable titanium silicide technology for high speed complementary-metal-oxide-semiconductor 43099
Yoshida, T., Seto, H., Someya, Y., Koide, H., Tsunoda, A., Sakurada, S. Discharge characteristics of planar SOFC 17281
Yoshida, T., Takeshita, T. A new CNC series and its technologies 25976
Yoshida, T. *see* Cooklev, T. 27079
Yoshida, T. *see* Eguchi, K. 18259
Yoshida, T. *see* Fujii, Y. 9605
Yoshida, T. *see* Hashimoto, O. 44585
Yoshida, T. *see* Hosoe, S. 38705
Yoshida, T. *see* Kadoya, Y. 2188
Yoshida, T. *see* Masaki, N. 25005
Yoshida, T. *see* Matsuda, N. 22747
Yoshida, T. *see* Miya, S. 2143
Yoshida, T. *see* Murota, J. 9651
Yoshida, T. *see* Ohki, T. 8247
Yoshida, T. *see* Ohsawa, M. 38256
Yoshida, T. *see* Ohtsuki, Y. 23510
Yoshida, T. *see* Seto, H. 17352
Yoshida, T. *see* Sichanugrist, P. 26515
Yoshida, T. *see* Sugawara, S. 43231
Yoshida, T. *see* Tosaka, H. 9754
Yoshida, Y., Ueda, T., Kobayashi, T., Miya, K., Nakanishi, H., Nakajima, K., Kobayashi, H., Ogata, A., Yugami, N., Nishida, Y., Shibata, H., Tagawa, S. Observation of the plasma lens effect 6954
Yoshida, Y. *see* Arai, T. 27055
Yoshida, Y. *see* Higasa, H. 25851
Yoshida, Y. *see* Imano, K. 47296
Yoshida, Y. *see* Koyama, M. 42042
Yoshida, Y. *see* Kozawa, T. 27878
Yoshida, Y. *see* Kuwata, T. 33758
Yoshida, Y. *see* Liu, X. 4795
Yoshida, Y. *see* Nishimura, E. 43974
Yoshida, Y. *see* Ogata, A. 6952
Yoshida, Y. *see* Taga, H. 45951
Yoshida, Y. *see* Taguchi, A. 21664
Yoshida, Y. *see* Yasui, J. 8236
Yoshie, N., Natsume, A., Mizutani, I., Harada, H., Taniguchi, M., Tsuchiya, H., Takahashi, H. Dr Net integrated network management system 37282
Yoshie, T. *see* Saita, M. 34149
Yoshihara, H. *see* Ohki, S. 27859
Yoshihara, K. *see* Agnesi, A. 20983
Yoshihara, K. *see* Harada, T. 38042
Yoshihara, K. *see* Ikeda, S. 6273
Yoshihara, T. *see* Fujii, K. 28165
Yoshihara, T. *see* Ishida, Y. 14854
Yoshihara, T. *see* Yabe, Y. 31357
Yoshihiro, M., Shimazaki, K., Ohta, N., Toda, T., Awano, H., Ojima, M. Write/erase cyclability of TbFeCo for mark-edge recording 20432
Yoshihisa, M. *see* Katsuta, G. 24969
Yoshii, H. *see* Yoshikawa, T. 3608
Yoshii, I. Radiation effects on MOS devices and radiation-hard CMOS technologies 43095
Yoshii, K., Miya, K. A study on the development of a fast neutron television converter 3349
Yoshii, K., Miya, K., Katoh, N. Television imaging system for fast neutron radiography using baby cyclotron 38359
Yoshii, K. *see* Ishihara, K. 15715
Yoshii, K. *see* Mori, Y. 34727
Yoshii, K. *see* Sunaga, M. 32779
Yoshii, S., Hayashi, S., Tsujimura, A., Ohkawa, K., Mitsuyu, T., Takeishi, H., Takahashi, Y., Narusawa, T. ZnSe-based diode lasers with stripe-geometry fabricated by ion bombardment 12231
Yoshii, S. *see* Tsujimura, A. 12230
Yoshii, S. *see* Tsujimura, A. 35830
Yoshii, T. *see* Fukuzawa, S. 18738
Yoshii, Y. Improvement of electrically driven scroll compressor for ZEV and LEV air conditioning systems 48328
Yoshiike, N., Morinaka, K., Yukimasa, T., Morimoto, A., Arita, K., Tsuruta, T. Two-dimensional infrared sensor 'Pana-Eye' 6511
Yoshikai, N. *see* Fujii, H. 37262
Yoshikawa, A. *see* Nagai, H. 20694
Yoshikawa, A. *see* Tokita, S. 41370
Yoshikawa, A. *see* Tosaka, H. 9754

Yoshikawa, H., Sasaki, K. Information reduction by limited resolution for electro-holographic display 29055
Yoshikawa, H., Tanji, E. Method of holographic 3-D image compression with a standard coding 45241
Yoshikawa, H. *see* Sasaki, K. 21110
Yoshikawa, K., Aoike, N. New method for reducing arc instability of HID lamps on high frequency operation 17592
Yoshikawa, K., Okamura, T., Harada, N., Yamasaki, H., Kabashima, S., Shioda, S., Hasegawa, Y., Dozono, Y., Ishimura, M., Matsutani, K., Natani, S., Arai, T. Preliminary study on next test facility for closed cycle MHD power generation (FUJI-2). I. Outline of the plan 25353
Yoshikawa, K., Shioda, S. System optimization for closed cycle MHD power generation 25363
Yoshikawa, K. *see* Harada, N. 25358
Yoshikawa, K. *see* Okada, M. 15575
Yoshikawa, K. *see* Suekane, T. 8782
Yoshikawa, K. *see* Suekane, T. 17408
Yoshikawa, K. *see* Suekane, T. 25829
Yoshikawa, K. *see* Yamamura, T. 25356
Yoshikawa, M., Morita, Y., Itoh, H., Nashiyama, I., Okumura, H., Misawa, S., Yoshida, S. Effects of gamma-ray irradiation and thermal annealing on characteristics of 3C-SiC MOS structure 19454
Yoshikawa, M., Yamamoto, Y., Nakamura, S., Shirafuji, Y., Nakashima, H. Optical scanning unit with bi-anamorphic lens for beam shaping 3281
Yoshikawa, M. *see* Murakami, A. 33736
Yoshikawa, M. *see* Ohsugi, T. 46839
Yoshikawa, N., Yatagai, T. Phase optimization of a kinoform by simulated annealing 36072
Yoshikawa, R. *see* Hattori, K. 27910
Yoshikawa, S. *see* Suzuki, K. 1615
Yoshikawa, T., Sugimoto, Y., Hotta, H., Tada, K., Kobayashi, H., Yoshii, H., Kawano, H., Kohmoto, S., Asakawa, K. GaInP/AlGaInP index waveguide-type visible laser diodes with dry-etched mesa stripes 3608
Yoshikawa, T., Tsutsui, Y. Definition of spectral moments and their relations [digital filters] 34173
Yoshikawa, T., Watanabe, Y., Khare, A., Wang, Y. Low sensitivity realization of FIR filters with 2-stage cascade structure 1338
Yoshikawa, T. *see* Kajita, M. 43683
Yoshikawa, T. *see* Khare, A. 13467
Yoshikawa, T. *see* Khare, A. 27080
Yoshikawa, T. *see* Numai, T. 3665
Yoshikawa, T. *see* Tahara, H. 44561
Yoshikawa, T. *see* Wakiwaka, H. 44271
Yoshikawa, T. *see* Wang, Y. 1329
Yoshikawa, Y. *see* Ishizaki, T. 22864
Yoshiki, H., Yamaguchi, H., Ishimoto, S. A flat-type ^{3}He proportional counter for ultracold neutron (UCN) detection 46960
Yoshiki, M. *see* Mizushima, I. 42647
Yoshikoshi, M. *see* Hosokawa, K. 31055
Yoshikuni, N. *see* Goromaru, T. 38434
Yoshikuni, Y. *see* Ishii, H. 20911
Yoshikuni, Y. *see* Kano, F. 12109
Yoshikuni, Y. *see* Lui, W.W. 12108
Yoshikuni, Y. *see* Lui, W.W. 43834
Yoshikuni, Y. *see* Mawatari, H. 43862
Yoshikuni, Y. *see* Tohmori, Y. 12169
Yoshikuni, Y. *see* Tohmori, Y. 35895
Yoshikuni, Y. *see* Yamanaka, T. 12115
Yoshikuni, Y. *see* Yasaka, H. 28997
Yoshimaru, M. *see* Inoue, N. 33703
Yoshimaru, M. *see* Usami, T. 42756
Yoshimaru, T. *see* Matsubara, M. 20256
Yoshimi, K. *see* Esashi, M. 46366
Yoshimi, M., Koizumi, H., Ogihara, Y., Kumekawa, H. Development of surge sensor using optical VT-CT 39680
Yoshimi, M., Swarup, K.S., Izui, Y. Optimal economic power dispatch using genetic algorithms 24771
Yoshimine, Y. *see* Maruyama, E. 33052
Yoshimori, S. *see* Hirose, N. 14980
Yoshimoto, H., Kuga, K., Yoneda, Y., Numazawa, J. Recording characteristics of Co-Cr/Ni-Fe double-layered tape 20144
Yoshimoto, K., Sasaki, T., Sasaki, K., Noya, A. Films of the intermetallic compound $CuTi_2$ and their applications in $Cu/CuTi_2/Si$ contact structures 2232
Yoshimoto, K., Yasuda, K., Yokoyama, R. A practical method for solving maintenance scheduling problem based on neurocomputing 9186
Yoshimoto, K., Yasuda, K., Yokoyama, R., Cory, B.J. Decentralized Hopfield neural network applied to maintenance scheduling of generating units in power systems 16494
Yoshimoto, K., Yasuda, K., Yokoyama, R., Tanaka, H., Akimoto, Y. Extended Hopfield neural network applied to maintenance scheduling of generating units based on decomposition 25217
Yoshimoto, K. *see* Sasaki, T. 27775
Yoshimoto, M., Ohtsuki, T., Takubo, K., Komoda, M., Matsunami, H. Electrical properties of silicon nitride films prepared by photo-assisted chemical vapor deposition under controlled decomposition of ammonia 27598
Yoshimoto, M., Takine, T., Takahashi, Y., Hasegawa, T. Waiting time and queue length distributions for go-back-N and selective-repeat ARQ protocols 22353
Yoshimoto, M., Tsuji, T., Kajimoto, A., Matsunami, H. MOMBE growth of GaP and its efficient photoenhancement at low temperatures 761
Yoshimoto, M. *see* Hashimoto, T. 9606
Yoshimoto, M. *see* Kawai, H. 18763
Yoshimoto, M. *see* Kawamoto, S. 24803
Yoshimoto, M. *see* Komiya, H. 17783
Yoshimoto, M. *see* Takeda, J. 36780
Yoshimoto, M. *see* Vaccaro, P. 26437
Yoshimoto, N., Kawano, K., Hasumi, Y., Takeuchi, H., Kondo, S., Noguchi, Y. InGaAlAs/InAlAs multiple quantum well phase modulator integrated with spot size conversion structure 43533
Yoshimoto, N. *see* Kawano, K. 35458
Yoshimoto, S. *see* Isagawa, S. 10619
Yoshimoto, S. *see* Sato, I. 15299
Yoshimoto, S. *see* Suetake, M. 6993
Yoshimoto, T. Electrical properties of Si metal insulator semiconductor tunnel emitter transistor (Si MIS TET) 34934
Yoshimoto, W.T. Double-density logic: the fast, flexible logic family 26824
Yoshimoto, Y. *see* Fujishima, T. 18263
Yoshimura, E.M. *see* Sunta, C.M. 43626
Yoshimura, H. *see* Ueda, A. 16763
Yoshimura, K., Shimogama, M. New technology for Shinkansen air-conditioning systems 8906
Yoshimura, K. *see* Haginomori, E. 16298
Yoshimura, K. *see* Hiroi, T. 17950
Yoshimura, M. *see* Konishi, T. 2096
Yoshimura, M. *see* Koshishiba, H. 31815
Yoshimura, M. *see* Nagaoka, M. 42194
Yoshimura, M. *see* Ogusu, K. 21091
Yoshimura, M. *see* Uesugi, K. 33666
Yoshimura, N. *see* Mishida, M. 13504
Yoshimura, R., Nakagome, H., Imamura, S., Izawa, T. Output intensity control of polymeric planar lightwave circuits by bending 3126
Yoshimura, R. *see* Hikita, M. 3170
Yoshimura, R. *see* Imamura, S. 28477
Yoshimura, S. *see* Tokumaru, H. 20430
Yoshimura, T., Shiraishi, H., Yamamoto, J., Okazaki, S. Correlation of nano edge roughness in resist patterns with base polymers 27881
Yoshimura, T. *see* Matsuoka, H. 2549
Yoshimura, T. *see* Matsuoka, H. 28130
Yoshimura, T. *see* Miyazaki, E. 46335
Yoshimura, T. *see* Nakagawa, K. 6804
Yoshimura, T. *see* Nishikawa, O. 42380
Yoshimura, T. *see* Sotoyama, W. 28502
Yoshimura, T. *see* Wada, Y. 42480
Yoshimura, T. *see* Wada, Y. 43666
Yoshimura, Y. *see* Minami, K. 15826
Yoshimuro, M. *see* Osawa, S. 17535
Yoshinaga, H. Influence of stimulated Brillouin scattering on nonlinear distortion in SCM video transmission 5973
Yoshinaga, H., Masuda, K., Takagi, S., Abe, B., Shibata, K., Kawasaki, H., Tokuda, H., Tokaji, I. A 94 GHz-band low noise downconverter 1605
Yoshinaga, T., Kawakami, H. Synchronized quasi-periodic oscillations in a ring of coupled oscillators with hard characteristics 26740
Yoshinaka, H. *see* Murakami, A. 7247
Yoshinaka, H. *see* Murakami, A. 7248
Yoshino, C. *see* Inou, K. 11299
Yoshino, C. *see* Itoh, N. 11298
Yoshino, F. *see* Maekawa, Y. 7597
Yoshino, H., Fukawa, K., Suzuki, H. Adaptive interference canceller based upon RLS-MLSE 44464
Yoshino, H. *see* Fukuzawa, S. 18738
Yoshino, H. *see* Higashiki, T. 42802
Yoshino, H. *see* Kuwabara, S. 11024
Yoshino, H. *see* Matsumoto, S. 42915
Yoshino, H. *see* Uchida, N. 27994
Yoshino, K., Watanabe, Y., Kakeshita, T. Hopfield neural networks using oscillatory units with sigmoidal input-average output characteristics 34207
Yoshino, K. *see* Ohmori, Y. 3345
Yoshino, K. *see* Ohmori, Y. 11872
Yoshino, K. *see* Ohmori, Y. 20550
Yoshino, K. *see* Ohmori, Y. 35599
Yoshino, K. *see* Ohmori, Y. 43646
Yoshino, K. *see* Onoda, M. 3343
Yoshino, K. *see* Uchiyama, Y. 43550
Yoshino, K. *see* Yamada, M. 20683
Yoshino, K. *see* Yamamoto, H. 19173
Yoshino, M. *see* Inoue, K. 44055
Yoshino, N. *see* Nagaya, K. 8205
Yoshino, S. *see* Miura, N. 12012
Yoshino, T. Trend of digital technology and its future in the broadcasting 6178
Yoshino, T. *see* Mieda, H. 14647
Yoshino, T. *see* Tanaka, T. 38532
Yoshino, T. *see* Tomizawa, I. 24997
Yoshino, Y. *see* Haneda, T. 43059
Yoshino, Y. *see* Tanaka, K. 21333
Yoshinobu, T., Iwamoto, A., Iwasaki, H. Scaling analysis of SiO_2/Si interface roughness by atomic force microscopy 42575
Yoshinobu, T. *see* Hatayama, T. 41364
Yoshinouchi, A. *see* Ohno, E. 42927
Yoshinuma, M. *see* Ohzawa, K. 11594
Yoshio, M., Murakami, T., Kurimoto, H., Noguchi, H., Kozawa, A. Synthesis of EMD for primary and secondary lithium batteries 48048
Yoshio, M. *see* Noguchi, H. 40405
Yoshioka, K., Ohno, N., Sato, K., Yamauchi, O. High count trunk optical fiber cable and related technology development 5998
Yoshioka, K. *see* Kawasaki, S. 17348
Yoshioka, K. *see* Suzuki, S. 1812
Yoshioka, K. *see* Thomas, S.L. 46987
Yoshioka, M. *see* Clendenin, J. 38808
Yoshioka, M. *see* Ogawa, K. 28428
Yoshioka, M. *see* Okawa, K. 19199
Yoshioka, N. *see* Aoyama, S. 2360
Yoshioka, N. *see* Miyazaki, J. 2357
Yoshioka, N. *see* Mizutani, A. 2975
Yoshioka, O. *see* Yamaguchi, F. 14824
Yoshioka, R.T. *see* Shirakashi, J. 41332
Yoshioka, S., Hiraoka, T., Sakata, T., Sasaki, T. Low voltage operation 3 Mbit field memory 34052
Yoshioka, S. *see* Kamimura, H. 35078
Yoshioka, T. *see* Furuta, M. 19860
Yoshitake, H. *see* Ota, K. 40454
Yoshitake, H. *see* Ota, K. 48106
Yoshitake, S., Akiyama, K., Iritani, M., Murayama, H. 1.55-μm band practical frequency stabilized semiconductor laser using C_2H_2 or HCN absorption lines 3654
Yoshitama, H. *see* Otsubo, M. 16460
Yoshitome, T. Hierarchical analysis system for VLSI power supply network 18467
Yoshitomi, K. *see* Park, T.J. 4066
Yoshitomi, T. *see* Saito, M. 34957
Yoshiura, T. Distribution automation at Kyushu Electric Power Co., Inc 16221
Yoshiyama, M. *see* Ishibai, Y. 12493
Yoshizaki, S. *see* Kitao, Y. 33960
Yoshizato, T. *see* Koyanagi, T. 38971
Yoshizawa, A., Iwasaki, T. Discrete frequency sweeping of a semiconductor laser by temperature change and electrical feedback 3638
Yoshizawa, H. *see* Asakawa, K. 42112
Yoshizawa, H. *see* Masumoto, D. 18933
Yoshizawa, J., Muto, S., Ueda, T., Nishida, S. A hypersimulation-based learning environment for operator understanding of complex phenomena in power systems 24820
Yoshizawa, J., Ogi, H., Takano, T., Matsumoto, K. HCL (hierarchical concept based learning) and its application to automatic acquisition of switching operational knowledge 7825
Yoshizawa, J., Ogi, H., Takano, T., Matsumoto, K. An approach to knowledge acquisition for switching sequences based on HCL (Hierarchical Concept based Learning) 32271
Yoshizawa, J., Ogi, H., Takano, T., Matsumoto, K. An automatic knowledge acquisition method for switching sequences and its evaluation 47426
Yoshizawa, J. *see* Hagihara, J. 39492
Yoshizawa, J. *see* Klapper, D.B. 16152
Yoshizawa, J. *see* Tanabe, T. 7062
Yoshizawa, J. *see* Tomizawa, M. 15571
Yoshizawa, K. *see* Hosokawa, K. 31055
Yoshizawa, K. *see* Takenaka, Y. 12276
Yoshizawa, M. *see* Katayama, T. 6901
Yoshizawa, M. *see* Katayama, T. 15317
Yoshizawa, M. *see* Tanabe, T. 7062
Yoshizawa, M. *see* Tomizawa, M. 15571
Yoshizawa, N., Imai, T. Stimulated Brillouin scattering suppression by means of applying strain distribution to fiber with cabling 43391
Yoshizawa, N., Tada, H., Yabuta, T. Object recognition by neural network using thickness data from acoustic image 45065
Yoshizawa, T. *see* Arai, R. 20278
Yoshizawa, T. *see* Mizukami, M. 20284
Yoshizawa, T. *see* Otani, Y. 15174
Yoshizawa, T. *see* Tokunaga, T. 11810
Yoshizawa, Y., Bizen, Y., Yamauchi, K., Sugihara, H. Improvement of magnetic properties in Fe-based nanocrystalline alloys by addition of Si, Ge, C, Ga, P, Al elements and their applications 2785
Yoshizawa, Y. *see* Morikawa, T. 7208
Yoshizawa, Y. *see* Suzuki, S. 1812
Yoshizumi, K., Kubo, K. Ultrahigh-accuracy 3-D profilometer using atomic force probe 28574
Yosomiya, R. *see* An, H. 17404
Yost, B., McGroarty, J., Borgesen, P., Li, C.-Y. Shape of a nonaxisymmetric liquid solder drop constrained by parallel plates 17917
Yost, B. *see* McGroarty, J. 17918
Yost, D.J. *see* May, J.S. 2213
Yost, G. *see* Kendall, H.W. 46970
Yota, J., Burrows, V.A. Electrochemical sulfur treatments of GaAs using Na_2S and $(NH_4)_2S$ solutions: a surface chemical study 42735
Yota, J., Burrows, V.A., Guha, S. Passivation of GaAs by electrochemical sulfur treatments 34730
Yotsuyanagi, M. *see* Sone, K. 27022
You, H.M., Tan, T.Y., Gosele, U.M., Hofler, G.E., Hsieh, K.C., Holonak, N., Jr., Lee, S.-T. Layer

disordering and carrier concentration in heavily carbon-doped AlGaAs/GaAs superlattices 27526
You, L. *see* Dabral, S. 294
You Jaehee *see* Jaehee You
You Kun Zhang *see* Zhang You Kun
You Suya, Liu Jian, Wan Faguan Stereo matching by an image-directional decomposition process 22102
You Suya, Liu Jian, Wan Faguan A stereo vision technique using neighborhood support criterion 36800
You Young gap *see* Young gap You
You Young Gou *see* Young Gou You
You Zheng, Ren Wei-Ming, Liang Jin-Wen Infrared multiwavelength He-Ne laser absolute distance interferometer for diameter measurement of large scale workpiece 31463
You Zhou Xiao *see* Xiao You Zhou
You-He Zhou *see* Zhou You-He
You-Li Chen, Bor-Sen Chen Minimax robust deconvolution filters under stochastic parametric and noise uncertainties 34176
You-Lun Xiong *see* Xiong You-Lun
You-Sheng Yuan *see* Yuan You-Sheng
Youchang Lu *see* Yiyu Zhao 25838
Youchang Lu *see* Lu Youchang
Youchison, D.L. *see* Eddy, C.R., Jr. 41312
Youden, D.H. Capstans or lead screws? Comparing the performance of diamond turning machines under operating conditions 33331
Youden, K.E. *see* Eason, R.W. 18260
Youden, K.E. *see* James, S.W. 3830
Youdou Zheng *see* Zheng Youdou
Yougchang Zhu *see* Zhu Yougchang
Youguong Guo *see* Chengsheng Zhang 47866
Youheng Liu *see* Liu Youheng
Youl Youm Heung *see* Heung Youl Youm
Youla, D.C. *see* Pillai, S.U. 26634
Youlal, H., Janati, M., Najim, M. A 2-D joint process lattice filter for adaptive change detection in image sequence 22004
Youlal, H. *see* Liu, X. 4696
Youling Chu *see* Chu Youling
Youlun Ju *see* Ju Youlun
Youm, A. Adhesive attachment of tantalum capacitors: solutions to persistent problems 19165
Youm Heung Youl *see* Heung Youl Youm
Youman Deng *see* Deng Youman
Youmans, R. *see* Kim, A. 3335
Youmans, R. *see* Weiner, M. 28637
Youmin Zhang *see* Zhang Youmin
Youn, D.H. *see* Kwak, B.J. 29693
Youn, J. *see* Kim, C. 14124
Youn, L.T., Chen, J.-S., Bollini, R. Planning model for small power producing facilities based on the Gaussian distribution function 8036
Youn, M.-J. *see* Ko, J.-S. 40246
Youn, M.J. *see* Ko, J.S. 16883
Youn Jong Sung *see* Jong Sung Youn
Youn Myung Joong *see* Myung Joong Youn
Youn Myung-Joong *see* Myung-Joong Youn
Youn Sun-Hyun *see* Sun-Hyun Youn
Youn Tae Kim *see* Doh Hoon Kim 2377
Youn Won Sik *see* Won Sik Youn
Youn-Long Lin *see* Tsing-Fa Lee 41589
Younan, N.H., Shearin, C.M., Nash, T.F. Natural frequencies extraction of a radar target from a measured response using the Prony method 23123
Younan, N.H. *see* Cox, B.L. 12645
Younan, N.H. *see* Xingjie Fan 44905
Youness, E.A. *see* El-Banna, A.-Z. H. 540
Young, A.C. *see* Batechlor, R.A. 5733
Young, A.H. *see* Coad, J.N.O. 47466
Young, A.M., Chenglin Xu, Weiping Huang, Senturia, S.D. Design and analysis of an ARROW-waveguide-based silicon pressure transducer 6459
Young, A.T., Bachman, D.A., Chen, P., Leung, K.N., Li, C.Y., McDonald, D.S., Pan, L., Ponce, D., Dobele, H.F. Laser, spectroscopic, and Langmuir probe diagnostics of an inductively-coupled RF discharge H^- ion source 46825
Young, A.T., Li, C.Y., Chan, C.F., Leung, K.N. Development and application of a C^- ion source and extraction system to a high resolution mass spectrometer system 46820
Young, B. *see* Przybylski, M. 28748
Young, B.A., Shutt, T., Akerib, D., Aubourg, E., Barnes, P.D., Jr., Cummings, A., Da Silva, A., Emes, J., Haller, E.E., Margulies, S., Ross, R.R., Sadoulet, B., Smith, G., Stockwell, W., White, S. A study of incomplete charge collection in cryogenic detectors using a segmented 60 gram germanium phonon and ionization detector 24033
Young, B.A. *see* Aubourg, E. 19925
Young, B.A. *see* Dougherty, B.L. 24034
Young, B.A. *see* Stockwell, W. 18495
Young, B.K.F. *see* Osterheld, A.L. 43721
Young, B.R. *see* Allen, R.M. 39706
Young, C. *see* Humphries, S., Jr. 46774
Young, C.S. Warning system concepts to prevent controlled flight into terrain (CFIT) 39295
Young, D.B., Kapila, A., Scott, J.W., Malhotra, V., Coldren, L.A. Reduced threshold vertical-cavity surface-emitting lasers 35915
Young, D.B., Scott, J.W., Peters, F.H., Peters, M.G., Majewski, M.L., Thibeault, B.J., Corzine, S.W., Coldren, L.A. Enhanced performance of offset-gain high-barrier vertical-cavity surface-emitting lasers 12194
Young, D.B. *see* Chuang, Z.-M. 20579
Young, D.B. *see* Helkev, R. 20870
Young, D.B. *see* Helkey, R. 20896
Young, D.B. *see* Hu, S.Y. 12091
Young, D.B. *see* Khare, R. 19617
Young, D.B. *see* Peters, F.H. 35814
Young, D.B. *see* Peters, M.G. 20807
Young, D.B. *see* Peters, M.G. 35889
Young, D.B. *see* Thibeault, B.J. 20770
Young, D.R. *see* Jenn Gwo Huang 34637
Young, E.T. Review of low background Ge photoconductors 23631
Young, E.T. *see* Barber, H.B. 15748
Young, G. *see* Ebringer, L. 22700
Young, I., Bell, R.K., Hennessy, J.L., Iwamura, J., Mansfield, R.L., Pollack, F.J., Supnik, R.M. Microprocessors in the year 2000 27004
Young, I.R. An estimate of the Geosat altimeter wind speed algorithm at high wind speeds 24481
Young, I.T. *see* Starink, J.P.P. 5103
Young, J. *see* Chien, H.-C. 23237
Young, J.F. *see* Toth, Cs. 20657
Young, J.P. *see* Taylor, S. 30659
Young, J.W. *see* Newport, D.F. 15729
Young, K.C., Ramsdale, M.L. Evaluation of mammography image quality phantoms 15791
Young, K.C., Ramsdale, M.L. Image quality and dose measurement phantoms in the UK breast screening programme 15792
Young, K.G., Bauer, M.L., Cohn, H., Efremenko, Y., Gordeev, A., Kamyshkov, Y., Onopienko, D., Savin, S., Shmakov, K., Tarkovsky, E., Carey, R., Rothman, M., Sulak, L., Worstell, W., Paar, H. Effects of radiation on scintillating fiber performance 7242
Young, K.K. *see* Grajew, G. 37613
Young, L. *see* Frainier, R. 47173
Young, L. *see* Poelker, M. 31631
Young, M., Wittmann, R.C. Vector theory of diffraction by a single-mode fiber: application to mode-field diameter measurements 2973
Young, M. *see* Reichmann, K.C. 22714
Young, M.G., Koren, U., Miller, B.I., Newkirk, M.A., Chien, M., Zirngibl, M., Dragone, C., Tell, B., Presby, H.M., Raybon, G. A 16×1 wavelength division multiplexer with integrated distributed Bragg reflector lasers and electroabsorption modulators 23005
Young, M.G. *see* Alferness, R.C. 45985
Young, M.G. *see* Hansen, P.B. 37985
Young, M.G. *see* Heismann, F. 35440
Young, M.G. *see* Kim, I. 43888
Young, M.G. *see* Tennant, D.M. 28851
Young, M.J. *see* Landis, G.A. 19551
Young, M.R., Tatoulis, J., Hunt, D., Larkins, R. A real-time data acquisition system for the display of three dimensional cardiac activation maps 24302
Young, N.D. *see* Ayres, J.R. 34968
Young, P.G., Alterovitz, S.A., Mena, R.A., Smith, E.D. RF properties of epitaxial lift-off HEMT devices 19069
Young, P.G. *see* Tabory, C.N. 42907
Young, P.J. A reformulation of the partial least squares regression algorithm 41145
Young, P.M., Grein, C.H., Ehrenreich, H., Miles, R.H. Temperature limits on infrared detectivities of $InAs/In_xGa_{1-x}Sb$ superlattices and bulk $Hg_xCd_{1-x}Te$ 6487
Young, R. *see* Carkner, D. 19282
Young, R.C.D., Chatwin, C.R., Scott, B.F. High-speed hybrid optical/digital correlator system 13596
Young, R.E. *see* Murrell, D.L. 3599
Young, R.J., Crozier, S.N. Implementation of a simple delay-multiply-average technique for frequency estimation on a fixed point DSP 34104
Young, R.J. *see* Lodge, J.H. 36528
Young, R.K. *see* Weiss, L.G. 13377
Young, R.Y. *see* Germer, T.A. 15650
Young, S. *see* Hood, T.I. 40351
Young, S. *see* Shoucri, M. 47189
Young, S.T., Yip, S.W., Cheng, H.C., Shieh, D.B. Three-dimensional surface digitizer for facial contour capture 47069
Young, T. *see* Hawley, M. 36278
Young, T. *see* Wu, J. 18572
Young, T.L. *see* Shi, Z. 790
Young, T.P. *see* Hood, K.J. 6052
Young Cho Hoon *see* Hoon Young Cho
Young Chul Park *see* Gyu Chang Lee 26534
Young Chul Yoon, Ik Soo Chang DC ~7 GHz ultrabroadband GaAs MESFET amplifiers 1644
Young Duk Kim *see* Min-Suk Lee 9715
Young gap You *see* Dae Hwan Kim 1219
Young Gou You *see* Sun Bok Lee 1705
Young Ha Jin *see* Jin Young Ha
Young Hwan Lim *see* Baker, R. 13970
Young Hwang Sun *see* Sun Young Hwang
Young Jin Jeon *see* Hyung Joun Yoo 27853
Young Jin Kim *see* Yong Eui Lee 33731
Young Jin Song, Ho Jung Hwang Calculation of electron concentration and electrostatic potential profile for $Al_xGa_{1-x}As/Ga_xIn_{1-x}As/GaAs$ HEMT device by 2-dimensional quantum mechanical analysis 2604
Young Joong Yoon, Han Kyu Park A study on an ultrasonic transducer with a spherical liquid lens 7661
Young Jun Lee *see* Moon Key Lee 14998
Young June Park *see* Jong Ho Lee 34931
Young June-Park *see* Myong Seob Kim 2558
Young Kim Sun *see* Sun Young Kim
Young Kwon Oh *see* Oh Young Kwon
Young Lee Jae *see* Jae Young Lee
Young Nam Ki *see* Ki Young Nam
Young Nam Oh *see* Joong Eon Seo 23347
Young Rhee Man *see* Man Young Rhee
Young Shin Lee *see* Sugoong Koh 47629
Young Son Jung *see* Jung Young Son
Young T. Ko. *see* Jae S. Yoo 20916
Young Wook Park *see* Chang Woo Lee 42749
Young Woong Kim *see* Chul Woo Lee 20433
Young-Bae Lim *see* Yon-Tack Chung 11185
Young-Bum Koh *see* Ho-Young Kang 2279
Young-Bum Koh *see* Woo-Sung Han 11074
Young-Chun Kim *see* Yon-Tack Chung 11185
Young-Gi Yoon *see* Su-Il Pyun 42598
Young-Han Kim Trends in physical standards (26- and 50-pole interface connectors) 30410
Young-Ho Cho, Kwak, B.M., Pisano, A.P., Howe, R.T. Slide film damping in laterally driven microstructures 31198
Young-Hwan Lim *see* Rennison, E. 37239
Young-Jin Jeon *see* Yong-Ho Oh 2278
Young-June Park *see* Desouki, A.S. 43136
Young-June Park *see* Woo-Hyeong Lee 42916
Young-June Park *see* Woo-Hyeong Lee 42958
Young-Keun Lee *see* Eui-Young Chung 18563
Young-Se Kwon *see* Hyun-Ryong Cho 43008
Young-Seek Sun *see* Noh-Hoon Myung 21235
Young-Seok Kim, Beom-Seok Seo, Dong-Seok Hyun A novel structure of multi-level high voltage source inverter 8590
Young-Shying Chen *see* Ping-Chen Chang 28100
Young-Soo Seo *see* Yon-Tack Chung 11185
Young-Wan Choi, O-Kyun Kwon, El-Hang Lee Improved performances of a S-SEED using extremely shallow quantum-wells and asymmetric Fabry-Perot cavity structure 43531
Young-Wug Kim *see* Nae-In Lee 42773
Youngblood, A. *see* Joiner, B. 380
Youngblood, G.E., Rupaal, A.S., Pederson, L.R., Bates, J.L. Oxygen reduction at a stabilized zirconia interface with $Y_{1-x}Ca_xMnO_3$ or $La_{1-x}Sr_xMnO_3$ cathode materials 17369
Youngdahl, A. *see* Birkhahn, R. 11524
Youngdale, E.R. *see* Hoffman, C.A. 10683
Youngdale, E.R. *see* Hoffman, C.A. 42516
Younger, E.J., Bennett, K.H., Hartley-Davies, R. A model for a broadband cellular wireless network for digital communications 22815
Youngjoo Yee, Sanggi Yu, Kukjin Chun, Jong Duk Lee The novel capacitor structure with polysilicon grain hole for advanced dynamic random access memory 41884
Youngkuan Liu *see* Liu Youngkuan
Youngman, B. *see* Ruth, R.D. 46776
Youngman, C. The ZEUS data acquisition system 38915
Youngman, R. *see* Vartanian, M. 27995
Younis, F.A. *see* Quadrini, E.F. 14097
Younis, F.A. *see* Quadrini, E.M. 15991
Younis, H. *see* Muller, J.-C. 10817
Younse, J.M. Mirrors on a chip 31351
Yount, J.T., Lenahan, P.M., Wyatt, P.W. An electron spin resonance study of the effects of thermal nitridation and reoxidation on P_b centers at (111) Si/SiO_2 interfaces 19550
Yourukova, L. *see* Beshkov, G. 33671
Yousef, H.A. *see* Gaber, S.E. 17511
Yousefi, G.H., Agarwal, M.K. Hall effect measurements of $Mo_{1-x}W_xSe_2$ ($0 \leqslant x \leqslant 1$) dichalcogenide single crystals [for solar cells] 1863
Yousefi, G.H. *see* Landheer, D. 42717
Yousefi, G.H. *see* Webb, J.B. 10663
Yousefi, M., Chaudhuri, S.K., Safavi-Naeini, S. GIBC formulation for the resonant frequencies and field distribution of a substrate-mounted dielectric resonator 43242
Yousefi, M.H., Aiyer, R.C., Karekar, R.N. Two-lobe pattern from rectangular patch by electromagnetic coupling 29298
Yousheng Yuan *see* Yuan Yousheng
Youshou Wu *see* Jin Li 30063
Youshou Wu *see* Xian Wang 30091
Youshou Wu *see* Wu Youshou
Yousif, F. *see* Zebda, Y. 28077
Youssef, A. Randomized self-routing algorithms for Clos networks 936
Youssef, A.-B.M. *see* Kadah, Y.M. 7353
Youssef, E.A. *see* Alim, O.A. 4569
Youssef, M. Header type feedwater heaters as retrofits for cycling units [thermal power plants] 47724
Youssef, N., Munakata, T., Mimaki, T. Level crossings of phase of sine wave plus Gaussian noise 18004
Youxian Wen, Jianyin Liu, Liming Yu, Gunasekaran, S. A control system for detecting cut-time of milk coagulation using ultrasonic method 24552
Youyang Wu, Mori, C., Uritani, A., Yanagida, K., Miyahara, H., Aoyama, T., Yoshida, M.

Optimization of counting time in the radioactivity measurement of gaseous samples with inner counting method 46957
Youyi Lin, Keli Hu, Jiannan Wu Rotating prism multiplex holography and its application 44158
Youyuan Zhao *see* Zhao Youyuan
Youzhu Zhang, Dai, P., Kam, I., Sarachik, M.P. Empirical relation between longitudinal and transverse transport in insulating n-CdSe 34522
Yovanovich, M.M. *see* Huang, Y. 353
Yovanovitch, D. *see* Auchincloss, P.S. 46953
Yovanovitch, D.D. *see* Kinnel, T.S. 38880
Yovchev, I.G., Spassovsky, I.P., Nikolov, N.A., Kostov, K.G., Spassov, V.A. Numerical study of relativistic electron-beam electrostatic pumping by anode aperture 21176
Yow, H.K., Lee, T.-W., Houston, P.A., Lee, H.Y., Button, C.C., Roberts, J.S. Double heterojunction bipolar transistors using AlGaInP/GaAs/GaInP 28105
Yow, S.C. *see* Furukawa, H. 5913
Yow-Jong Liu Soft decision decoding of a bit-interleaved convolutionally encoded code division multiple access system over Rayleigh fading channels 37775
Yozawa, T. *see* Wada, H. 22554
Ypsilantis, J., Yee, H. Genetic learning applied to distribution system fault diagnosis and alarm processing 32500
Ypsilantis, T., Seguinot, J. Theory of ring imaging Cherenkov counters 46895
Ypsilantis, T. *see* French, M. 46990
Ypsilantis, T. *see* Guyonnet, J.L. 46904
Ypsilantis, T. *see* Seguinot, J. 46894
Yrjo Neuvo *see* Xudong Song 13818
Ytrehus, O. *see* Hamada, N. 21625
Yu, A., Siddiqui, A.S. Optical modulators using fibreoptic Sagnac interferometers 35486
Yu, A. *see* Hill, G.R. 6051
Yu, A. *see* Simeonidou, D. 45936
Yu, A.W. *see* Hayden, W.L. 6040
Yu, C. *see* Cheung, N.W. 10875
Yu, C.-G., Geiger, R.L. Analysis of random common-mode rejection ratio in op-amps 18501
Yu, C.C. *see* Fry, H.W. 43109
Yu, C.C. *see* West, J.P. 19665
Yu, C.C.-W. *see* Huang, C.-J. 11177
Yu, C.F. *see* Su, Y.K. 34570
Yu, C.H.D., Lee, K.H., Liu, C.T., Kornblit, A., Steiner, K.G., Nagy, W.J., Molloy, S.J. Device fabrication and characteristics of surface-channel PMOSFET with WSi_x polycide gate using dopant drive-out technique 19851
Yu, D., Ho, C., Yu, X., Mori, S. On the application of cellular automata to image thinning with cellular neural network 4971
Yu, D., Hsieh, H.Y., Zemel, J.N. Microchannel pyroelectric anemometer 14941
Yu, D. *see* Yu, L. 44075
Yu, D.-C., Huang, S.-C. Study of reprojection methods in terms of their resolution loss and sampling errors 15754
Yu, D.U.L., Jin Soo Kim, Wilson, P.B. Design of a high power sheet beam klystron 1786
Yu, F. *see* Chen, T. 13899
Yu, F. *see* Maracas, G.N. 746
Yu, F. *see* Wu, P. 43595
Yu, F.-K. *see* Hariri, S. 13896
Yu, F.A. *see* Xinhua Zhuang 45019
Yu, F.T.S., Kun Pan, Chii-Maw Uang, Ruffin, P.B. Fiber specklegram sensing by means of an adaptive joint transform correlator 15067
Yu, F.T.S., Shizhuo Yin, Bhalla, A.S. Wavelength-multiplexed holographic construction using a Ce: Fe: doped PR fiber with a tunable visible-light laser diode 36041
Yu, F.T.S., Uang, C.-M., Yang, X., Matsushita, K. A polychromatic neural net using color LCTV panels 11724
Yu, F.T.S., Uang, C.M., Yin, S. Shift and rotation invariant interpattern heteroassociation (IHA) model 35521
Yu, F.T.S., Wen, M., Yin, S., Uang, C.-M. Submicrometer displacement sensing using inner-product multimode fiber speckle fields 6784
Yu, F.T.S., Yang, X., Geogory, D.A. Polychromatic neuro-computing 11736
Yu, F.T.S., Yin, S. Applications of photorefractive crystals to signal processing 3892
Yu, F.T.S., Yin, S. Holographic storage and interconnection using a (Ce:Fe:doped $LiNbO_3$) photorefractive crystal fiber with a tunable visible-light diode laser 3932
Yu, F.T.S., Yin, S., Ruffin, P.B. Application of Hadamard transform to fiber-optic smart-skin sensing 6514
Yu, F.T.S., Yin, S., Ruffin, P.B. Application of Hadamard transform to fiber-optic smart-skin sensing 23671
Yu, F.T.S., Yin, S., Uang, C.-M. A content-addressable polychromatic neural net using a specially doped $LiNbO_3$ photorefractive crystal 35309
Yu, F.T.S., Yin, S., Uang, C.-M. A content-addressable polychromatic neural net using a (Ce:Fe)-doped $LiNbO_3$ photorefractive crystal 43381
Yu, F.T.S., Zhao, F., Zhou, H., Yin, S. Cross-talk noise in a wavelength-multiplexed reflection-type photorefractive fiber hologram 12446
Yu, F.T.S. *see* Chii-Maw Uang 20292
Yu, F.T.S. *see* Chii-Maw Uang 20486
Yu, F.T.S. *see* Hanying Zhou 13602
Yu, F.T.S. *see* Kun Pan 46484
Yu, F.T.S. *see* Mayers, A.W. 36040
Yu, F.T.S. *see* Tanone, A. 43553
Yu, F.T.S. *see* Zhao, F. 2940
Yu, G., Zhang, C., Heeger, A.J. Dual-function semiconducting polymer devices: light-emitting and photodetecting diodes 43656
Yu, G.F. *see* Shen, H.Y. 12055
Yu, J. *see* Fang, W.-C. 23723
Yu, J. *see* Langenbacher, H. 38431
Yu, J. *see* Tarof, L.E. 20524
Yu, J.D. *see* Lee, P.C.Y. 12685
Yu, J.E., Jones, K.S., Holloway, P.H., Pathangey, B., Bretschneider, E., Anderson, T.J., Sun, S.S., King, C.N. Temperature and flow modulation doping of manganese in ZnS electroluminescent films by low pressure metalorganic chemical vapor deposition 42655
Yu, J.I. Overview of EIA/TIA IS-41 [cellular radio standard] 37786
Yu, K. *see* Tsai, Z. 22653
Yu, K.-B. Application of eigenstructured-based techniques for tracking low angle targets in multipath 23200
Yu, K.-B. Adaptive antenna beamforming using orthogonal decomposition 36353
Yu, K.M., Liliental-Weber, Z. An investigation on the lattice site location of the excess arsenic atoms in GaAs layers grown by low temperature molecular beam epitaxy 742
Yu, K.M. *see* Im, S. 766
Yu, K.M. *see* Im, S. 10872
Yu, K.M. *see* Moll, A.J. 2045
Yu, L., Chan, W., Chen, Y., Peng, Z., Bao, Z., Yu, D. Novel photorefractive polymers-structure design and property characterization 44075
Yu, L.S., Liu, Q.Z., Pappert, S.A., Yu, P.K.L., Lau, S.S. Laser spectral linewidth dependence on waveguide loss measurements using the Fabry-Perot method 28823
Yu, L.Z., Wie, C.R. Study of MSM photodetector fabricated on porous silicon 15032
Yu, M., Gopinath, A. A slow-wave resonant electrode design for optical modulators 3178
Yu, M., Vahldieck, R., Huang, J. Comparing coax launcher and wafer probe excitation for 10 mil conductor backed CPW with via holes and air-bridges 1626
Yu, M., Vahldieck, R., Wu, K. Theoretical and experimental characterization of coplanar waveguide discontinuities 18965
Yu, M. *see* Vladimirov, S.V. 11909
Yu, M.L. *see* Kim, H.S. 27404
Yu, M.Y. *see* Popel, S.I. 35642
Yu, N. *see* Frey, E.C. 2102
Yu, P., Venetsanopoulos, A.N. Hierarchical finite state vector quantization for image coding 13801
Yu, P.C., Hae-Seung Lee A high-swing 2-V CMOS operational amplifier with replica-amp gain enhancement 41689
Yu, P.C., Lee, H.-S. A high-swing 2 V CMOS operational amplifier with gain enhancement using a replica amplifier 26735
Yu, P.K.L. *see* Costa, J.M. 30704
Yu, P.K.L. *see* Lam, B.C. 20776
Yu, P.K.L. *see* Yu, L.S. 28823
Yu, P.S., Mon-Song Chen, Kandlur, D.D. Design and analysis of a grouped sweeping scheme for multimedia storage management 13964
Yu, P.S. *see* Ming-Syan Chen 45581
Yu, P.W. *see* Jogai, B. 42471
Yu, Q., Zongo, P.-H., Facq, P. Refractive-index profile influences on mode coupling effects at optical fiber splices and connectors 20298
Yu, Q. *see* Andresen, K. 4946
Yu, R., Reddy, M., Pusl, J., Allen, S., Case, M., Rodwell, M. Full two-port on-wafer vector network analysis to 120 GHz using active probes 6364
Yu, R. *see* Rodwell, M.J.W. 27285
Yu, R. *see* She, Q. 5266
Yu, S. *see* Celata, C.M. 31562
Yu, S. *see* Eylon, S. 31558
Yu, S. *see* Eylon, S. 31613
Yu, S. *see* Grote, D.P. 46756
Yu, S. *see* Tao, J. 40117
Yu, S.-C. *see* Kim, K.-S. 43281
Yu, S.Q. *see* Wang, H. 9780
Yu, S.S., Barnard, J.J., Caporaso, G.J., Friedman, A., Hewett, D.W., Kirbie, H., Newton, M.A., Neil, V.K., Paul, A.C., Reginato, L.L., Sharp, W.M., Godlove, T.F., Bangerter, R.O., Fong, C.G., Judd, D.L. Preliminary design for a recirculating induction accelerator for heavy ion fusion 15339
Yu, S.S., Galatsanos, N.P. A new approach for applying high-order entropy coding to image data 36834
Yu, S.S. *see* Barnard, J.J. 23964
Yu, S.S. *see* Barnard, J.J. 31535
Yu, S.S. *see* Lauer, E.J. 23987
Yu, S.S. *see* Newton, M.A. 6930
Yu, S.S. *see* Newton, M.A. 23958
Yu, S.S. *see* Reginato, L. 23962
Yu, S.S. *see* Sharp, W.M. 15484
Yu, T. *see* Ballingall, J.M. 1640
Yu, T. *see* Ho, P. 11242
Yu, T.-H. *see* Zhao, J.H. 2508
Yu, T.H. *see* Fu, S.T. 1534
Yu, T.S. *see* Cheng, F. 21915
Yu, W.D. Verifying software requirements: a requirement tracing methodology and its software tool—RADIX 45706
Yu, W.Y. *see* Chou, W.C. 42472
Yu, X., Reed, I.S., Stocker, A.D. Comparative performance analysis of adaptive multispectral detectors 4874
Yu, X. *see* Yu, D. 4971
Yu, Y. *see* Yoshida, S. 32931
Yu, Y.H., Schork, R., Pichler, P., Ryssel, H. Diffusion and activation of arsenic implanted at high temperature in silicon 10807
Yu, Y.Y. *see* Honig, A. 31618
Yu, Z. A new method in power systems control and economic operation 24762
Yu, Z., Boseck, S. Some considerations in layer-thickness measurement for semiconductor technology by acoustic microscopy 47312
Yu, Z., Ren, J., Lansari, Y., Gossett, K.J., Sneed, B., Bowers, K.A., Cook, J.W., Jr., Schetzina, J.F. Blue lasers based on II-VI semiconductor heterostructures 12252
Yu, Z. *see* Chen, D. 18701
Yu, Z. *see* Lansari, Y. 11675
Yu, Z. *see* Lowney, J.R. 15013
Yu, Z. *see* Ren, J. 11886
Yu, Z.J. *see* Sywe, B.S. 760
Yu, Z.J. *see* Sywe, B.S. 18266
Yu, Z.J. *see* Sywe, B.S. 33646
Yu, Z.Q. *see* Vermeire, G. 41290
Yu, Z.X. *see* Zhou, J.Y. 21033
Yu, Z.Y. *see* Li, J.S. 3954
Yu Bingli *see* Tu Demin 16335
Yu Changtai, Guo Fengzhen, Yu Hua, Xu Songzu, Qi Zhaongfu, Yu Xiangdong, Liu Youngkuan, Peng Li, Zhang Zhongyi Composition of inorganic photoresist and its EBE experiment 11011
Yu Chen *see* Chen Yu
Yu Chien-Chih *see* Chien-Chih Yu
Yu Crid *see* Crid Yu
Yu Daren *see* Cao Quanxi 16488
Yu De-Hao *see* De-Hao Yu
Yu De-Min *see* Xu Zeng-Pu 31187
Yu Dejin *see* Dejin Yu
Yu Donggang *see* Xu Shouyi 6212
Yu Dunhe *see* Gan Baihui 12286
Yu Gang *see* Gang Yu
Yu Guoqin *see* Lin Xianshu 8274
Yu Hainian *see* Chen Yongbin 47942
Yu Hong-Lin Study on a new measuring method by metering grating 46494
Yu Hua *see* Yu Changtai 11011
Yu Huaizhi, Lu Yulin, Liu Jianping, Feng Deshen Epitaxial growth of GaAs on Si by ionized cluster beam 41390
Yu Insuk *see* Insuk Yu
Yu Jian-Hua, Xie Zong-Ning, Guo Qing-Chen, Jin Xue-Jiao Laser rotating angle sensor and applications 31188
Yu Jian-Hun *see* Ma He 46606
Yu Jianming *see* Tong Xiangqian 32508
Yu Jie-Bing *see* Jie-Bing Yu
Yu Jilai, Liu Zhuo, Luo Yuanyu Pattern analysis of power system 24780
Yu Jilai *see* Guo Zhizhong 16142
Yu Kai-Bor *see* Kai-Bor Yu
Yu Kin Man *see* Kin Man Yu
Yu Lei *see* Lei Yu
Yu Liang *see* Khoo, I.C. 44058
Yu Ligang *see* Ligang Yu
Yu Liming *see* Liming Yu
Yu Lisheng *see* Xing Qijiang 18211
Yu Liu *see* Yang, A.T. 28085
Yu Long Cao *see* Lei Jian Liu 24226
Yu Loskutov, A., Tereshko, V.M. Processing information encoded in chaotic sets of dynamic systems 36466
Yu Mao *see* Mao Yu
Yu Maolin *see* Chen Chia-Erh 15520
Yu Meifang *see* Shen Keqiang 10643
Yu Meiwen *see* Meiwen Yu
Yu Meng-Lin *see* Meng-Lin Yu
Yu Ming *see* Ming Yu
Yu Mingde *see* Wen Junding 10410
Yu Pei Ma *see* Wikswo, J.P., Jr. 911
Yu Peijun *see* Peijun Yu
Yu Peng *see* Peng Yu
Yu Qingchang Transformation groups in beam optics. I. General theory 23969
Yu Qingjian *see* Qingjian Yu
Yu Quan *see* Quan Yu
Yu Rong The modified equivalent surface current for biisotropic media 36140
Yu Rongjin Photonics 43384
Yu Ruan *see* Ruan Yu
Yu San, Zou Guangtian, Jin Zengsun Preparation of high quality boron doped p-type semiconducting diamond films and investigation of doping behavior 18293
Yu Sanggi *see* Sanggi Yu
Yu Sato *see* Yamaguchi, T. 27616
Yu Shan *see* Shan Yu
Yu Shenjun *see* Shenjun Yu
Yu Shi Ji *see* Ji Yu Shi

Yu Shusheng, Li Qingguo, Du Longlong, Zhang Lei Research of structure and technology for multi-wavelength He-Ne laser 28705
Yu Si-Ryong *see* Si-Ryong Yu
Yu Sile, Yang Junshan, Li Hua A first study of MC technique in HDTV systems 30998
Yu Song *see* Song Yu
Yu Songyu *see* Chen Jing 45129
Yu Sonyu, Zhou Minhua New reconstructing algorithm of binary section from few projections 5018
Yu Sun *see* Sun Yu
Yu Sung-Sik *see* Sung-Sik Yu
Yu Wang *see* Wang Yu
Yu Wei, Wang Wenliang, Tang Guaon Finite element model of large generator stator's end-winding 40085
Yu Wei *see* Wei Yu
Yu Wen, Zhao Hai Intelligent reading of dial instruments 31364
Yu Wentao *see* Hou Wenbo 9501
Yu Wu Xin *see* Xin Yu Wu
Yu Xi-Jun The multigrid method of nonconforming finite elements for solving the biharmonic equation 41175
Yu Xiangdong *see* Yu Changtai 11011
Yu Xiangguang *see* Xiangguang Yu
Yu Xianhuang *see* Zheng Gang 21145
Yu Xiaohua *see* Xiaohua Yu
Yu Xiefen *see* Zhang Guoqiang 2527
Yu Xinglong *see* Zhu Zimin 24154
Yu Xinglong *see* Zhu Zimin 24155
Yu Xuefeng *see* Ren Diyuan 9984
Yu Xuefeng *see* Zhang Guoqiang 1960
Yu Xuefeng *see* Zhang Guoqiang 42987
Yu Yan *see* Yan Yu
Yu Yang *see* Yang Yu
Yu Yang Jing *see* Jing Yu Yang
Yu Yixin, Wang Yaoyu, Chen Desheng, Zhao Guogang, Zheng Weihong A superior electric power system state estimation method: HACHTEL method and its implementation 7725
Yu Yuehui *see* Yuehui Yu
Yu Yuhong *see* Yuhong Yu
Yu Yunbei *see* Yunbei Yu
Yu Yunpeng *see* Yunpeng Yu
Yu Zhang *see* Zhang Yu
Yu Zhao *see* Zhao Yu
Yu Zheng Jiang *see* Jiang Yu Zheng
Yu Zhenggang *see* Gao Jiangrui 28908
Yu Zhiping *see* Wang Weihang 28070
Yu Zhiping *see* Zhiping Yu
Yu Zuhe *see* Zhang Zhiguo 12372
Yu-Bin Wu *see* Wu Yu-Bin
Yu-Chi Yang *see* Ching-Fa Yeh 11193
Yu-Chi Yang *see* Ching-Fa Yeh 42934
Yu-Chin Hsu *see* Ting-Hai Chao 33803
Yu-Chin Hsu *see* Yunn-Yen Chen 41968
Yu-Chiu Chao A technique for aligning sextupole systems using beam optics 6936
Yu-Chue Fong, Armour, E.A., Hersee, S.D., Brueck, S.R.J. A confocal photoluminescence study of metalorganic chemical vapor deposition growth on patterned GaAs substrates 41279
Yu-De Ni *see* Ni Yu-De
Yu-Dong Yao, Sheikh, A.U.H. Cochannel interference modelling and performance analysis of microcell systems for wireless personal communications 37843
Yu-Fu Chang *see* Huang, J.S. 21958
Yu-Hai Zhang *see* Zhang Yu-Hai
Yu-Jen Wu, Goldsman, N. An efficient solution of the multi-band Boltzmann transport equation in silicon 19324
Yu-Jian Fan *see* Fan Yu-Jian
Yu-Kun Ho *see* Liang Feng 46781
Yu-Liang He *see* He Yu-Liang
Yu-Min Wu *see* Ying-Chun Chuang 8830
Yu-Ming Sung, Min-Chio Kung Lower finite word-length effect on state space digital filter by δ operator realization 18865
Yu-Qing Zhou *see* Zhou Yu-Qing
Yu-Rong Wang *see* Wang Yu-Rong
Yu-Tai Chang *see* Chin-Liang Wang 18620
Yu-xiang Han, Jian-hui Zhou, Jian-zhong Kang, Xing-hai Yiang High precision intelligent apparatus driven by a step motor for measuring liquid level 6853
Yu-Ying Liu *see* Liu Yu-Ying
Yu-Zhi Wang Variation of the gas components of a TEA CO_2 laser during its lifetime 20614
Yuabov, I.Yu. *see* Oksengendler, B.L. 40488
Yuabov, Yu.M., Kabulov, R.R., Usmanov, Sh.N. Thin-film variable-band heterophotovoltaic cells based on amorphous hydrogenated semiconductors 33035
Yuabov, Yu.M. *see* Aronov, D.A. 3328
Yuabov, Yu.M. *see* Kabulov, R.R. 33034
Yuan, B. *see* Dawes, N.W. 37529
Yuan, B. *see* Zhao, Y. 45234
Yuan, B.-z. *see* Zheng, Y.-c. 29908
Yuan, C. *see* Steckl, A.J. 18243
Yuan, D. *see* Wang, M. 29448
Yuan, D.R. *see* Liu, M.G. 28424
Yuan, F.L. *see* Wang, S.L. 42254
Yuan, G. *see* Tsunemi, H. 11939
Yuan, H.J., Lin, H., Li, L., Palffy-Muhoray, P. Optical power limiting by liquid crystals in glass capillary arrays 20411
Yuan, J., Chen, C.S., Ma, S. Two-level decoding of (32, 16, 8) quadratic residue code 21590
Yuan, J. *see* Amaratunga, G.A.J. 27662
Yuan, J. *see* Dell'Acqua, A. 7283
Yuan, J. *see* Dell'Acqua, A. 46998
Yuan, J. *see* Jane, C.-C. 17961
Yuan, J. *see* Svensson, C. 28266
Yuan, J. *see* Svensson, C. 34022
Yuan, J. *see* Veerasamy, V.S. 27647
Yuan, J.-R., Svensson, C., Larsson, P. New domino logic precharged by clock and data 18584
Yuan, J.S. Low-temperature BiCMOS gate pull-down delay analysis 33973
Yuan, J.S. Effect of base profile on the base transit time of the bipolar transistor for all levels of injection 42871
Yuan, J.S. *see* Blanchard, J.A. 33921
Yuan, L., Cheng, C. Electrical design of a 383PPGA for low voltage swing CMOS transceiver (GTL) 395
Yuan, L. *see* Chai, W.P. 41284
Yuan, L. *see* Chai, W.P. 41358
Yuan, R., Zhou, L., Gao, Y. Intelligent control system design of draft machine drivers by linear DC motor 8462
Yuan, S. *see* Chou, K.C. 17353
Yuan, S.W., Bertram, H.N. Eddy current damping of thin film domain walls 43274
Yuan, V. *see* Johnson, K.F. 23986
Yuan, V.W. *see* Szymanski, J.J. 38862
Yuan, Y., Durrani, T.S. 2-D maximum entropy spectrum estimation in computerized tomography—an approach of closed form solution 22002
Yuan, Y. *see* Sandham, W. 47122
Yuan, Z., Michaelides, E.E. Binary-flashing geothermal power plants 16702
Yuan Baozing *see* Mo Qingyuan 14188
Yuan Baozong *see* Chen Yongsheng 13117
Yuan Baozong *see* Zhou Xiaoqi 45053
Yuan Chang-Liang, Liu Jian-Cheng, Motoyoshi, H., Yasuo, K. Micro-convexity isotropy evaluation of the surface topography processed by precision rolling 31451
Yuan Chi-Min *see* Chi-Min Yuan
Yuan Duorong *see* Hou Wenbo 9501
Yuan Duorong *see* Zhang Nan 12320
Yuan Feng, Ding Zhen-Liang, Xu Jun, Jiang Zuo-Min, Qiang Xi-Fu Fast position measurement using CCD 31436
Yuan Feng, Wang Qi-Shan, Wang Cheng-Bin, Cao Mao-Sheng Capacitive inclination sensor made of quartz 31156
Yuan Feng *see* Cao Mao-Sheng 29025
Yuan Feng *see* Ding Zhen-Liang 31415
Yuan Feng *see* Yuan Yi-Bao 31498
Yuan Gongying *see* Ren Mingrong 459
Yuan Guo-Ying, Zhao Zhuo-Xian, Zhang Jie-Hong, Zhou Qing-Fen Evaluation of position errors and feature countenance parameters of hole-group 31424
Yuan Han-Tzong *see* Han-Tzong Yuan
Yuan Hong *see* Yuan Renkuan 42906
Yuan Hongbing *see* Hongbing Yuan
Yuan Jiansheng *see* Jiansheng Yuan
Yuan Jianzhong *see* Jianzhong Yuan
Yuan Jinghong *see* Wang Yafei 39416
Yuan Jinghong *see* Wang Yafei 47292
Yuan Li Chen *see* Chen Yuan Li
Yuan Li-Pen *see* Li-Pen Yuan
Yuan Libo, Ruan Shunling Properties of output optical field produced by upside-down taper lens fiber end 28451
Yuan Lixiang, Fan Zhengxiu Design of soft X-ray laser reflective output multilayer mirror using an asymptotic theory 12291
Yuan Mei *see* Zhuang Qing 22156
Yuan Renkuan, Yang Shucheng, Yuan Hong, Jiang Ruolian, Zheng Youdou, Qian Huizuo, Gui Decheng Polyaniline surface field effect transistor 42906
Yuan Renkuan *see* Shi Hongtao 11858
Yuan Ruixi *see* Ruixi Yuan
Yuan Shifu *see* Shifu Yuan
Yuan Shixin *see* Huang Xingliang 46459
Yuan Shu *see* Shu Yuan
Yuan Shun, Wang Yi, Wang Jimei Effects of separating moment of electrodes on interruption ability in vacuum circuit breaker 8709
Yuan Shuzhong *see* Lu Kecheng 28721
Yuan Shyan-Ming *see* Shyan-Ming Yuan
Yuan Wang *see* Wang Yuan
Yuan Xiang-Hui, Lu Guo-Lin, Zhao Ting-Chao Precision grating displacement transducer with an image sensor 38548
Yuan Xiang-Hui *see* Lin Peng 31414
Yuan Xing Li, Deng, R.H., Xin Mei Wang On the equivalence of McEliece's and Niederreiter's public-key cryptosystems 44722
Yuan Yi *see* Yi Yuan
Yuan Yi-Bao, Ding Zhen-Liang, Xu Jun, Chen Zhong, Yuan Feng High-precision measurement of the large-size gauge block's thermal expansion coefficient 31498
Yuan Yi-Bao *see* Ding Zhen-Liang 31415
Yuan Yi-Bao *see* Xu Jun 31461
Yuan Yongjiu *see* Shu Zongxun 25352
Yuan You-Sheng *see* Wei Qidong 25326
Yuan Yousheng *see* Cai Song 25322
Yuan Yousheng *see* Cheng Yongyuan 25324
Yuan Yun Xiang *see* Yun Xiang Yuan
Yuan Zhi-Min, Zhang Jiang-Ling, Jia Lian-Xing Controller design criteria for the dual-stage disk actuator system 28318
Yuan Zhiyong, Wang Zezhong, Shao Hanguang Analysis and calculation of inverse electromagnetic field problem 47853
Yuan Zhuguo *see* Zhuguo Yuan
Yuan-Boon Chen, Jar Forr Yang, Chuang, H.R. Fast implementations of quadrature mirror filter for subband coding 30149
Yuan-Chen Liu *see* Liang-Gee Chen 38304
Yuan-Hao Ma *see* Ma Yuan-Hao
Yuan-Hua Chu, Charng-Der Jia, Geeng-Tyng Shaw, Jun-Ren Chang, Mely Chen Chi Fast turn-around ASIC design environment with design assistant tools 19978
Yuan-Hwang Chen, Ching-Tai Chiang Adaptive beamforming using the constrained Kalman filter 36640
Yuan-Kuang Tu *see* Meng-Chyi Wu 9523
Yuan-Kuang Tu *see* Sham-Tsong Shiue 28462
Yuan-Kuang Tu *see* Shou-Zen Chang 678
Yuan-Min Li Amorphous silicon-carbon alloys for solar cells 33061
Yuan-Yih Hsu *see* Chuan-Shen Liu 25265
Yuan-Yih Hsu *see* Han-Ching Kuo 32364
Yuancheng Zhang *see* Zhang Yuancheng
Yuanda Cheng *see* Rosen, R.S. 28581
Yuandong Dai *see* Huaming Jiang 35273
Yuandong Ji *see* Hua Li 40990
Yuanfu Zhao *see* Zhao Yuanfu
Yuang Lou Partial response adaptive blind equalization using channel estimation standard (CES) 36698
Yuanheng, Q. *see* Ronghong, J. 4249
Yuanheng Qiu *see* Qiu Yuanheng
Yuanije Chen, Nikias, C.L. Identifiability of a band-limited system from its cyclostationary output autocorrelation 45018
Yuanjing Li *see* Demesmaeker, E. 8748
Yuanjing Li *see* Luque, A. 8747
Yuanjing Li *see* Morales-Acevedo, A. 8749
Yuanli Chen *see* Xiaodong Han 25791
Yuanling Zhan *see* Zhan Yuanling
Yuanqing Xie *see* Xie Yuanqing
YuanQun Liu *see* Wei-lou Cao 28406
Yuanrong Lu *see* Lu Yuanrong
Yuanwang Peng *see* Peng Yuanwang
Yuanxin Xiong *see* Xiong Yuanxin
Yuanxing Li *see* Li Yuanxing
Yuanyu Luo *see* Luo Yuanyu
Yuanyuan Zhong *see* Jialin Xie 43973
Yuasa, D. *see* Saka, M. 33781
Yuasa, H. *see* Ito, S. 45047
Yuasa, K. Detection of small amount of oxygen content in filling gas of incandescent lamps for general lighting use 8964
Yuasa, K. *see* Hachiya, S. 15128
Yuasa, R. *see* Fujiwara, S. 2314
Yuasa, T., Arimoto, S. Application of K-M algorithm to vector quantization 4456
Yuasa, T., Nagashima, Y., Egawa, T., Jimbo, T., Umeno, M. GaAs/AlGaAs SQW optical switch on Si 11775
Yuasa, T., Nagashima, Y., Murase, T., Jimbo, T., Umeno, M. GaAs/AlGaAs single quantum well optical switch fabricated on Si substrate 3167
Yuba, Y. *see* Hirai, H. 22150
Yuba, Y. *see* Wakaya, F. 27533
Yuba, Y. *see* Wakaya, F. 28224
Yubin Zhu *see* Zhu Yubin
Yubing Li *see* Li Yubing
Yuce, H. *see* Volotinen, T. 35371
Yuce, H.H. Aging behavior of optical fibers 3061
Yuce, H.H., Varachi, J.P., Jr., Pellegrino, A., Key, P.L., Wei, T. Mechanical reliability of multi-fiber fusion splices 5922
Yuce, H.H., Wei, T., Estes, R., Wieczorek, C.J., Devlin, B.T., Kilmer, J.P., Varachi, J.P., Jr. Fiber reliability study of field aged optical cables 5875
Yuce, H.H. *see* Biswas, D.R. 2990
Yuce, H.H. *see* Frantz, R.A. 2980
Yuce, H.H. *see* Reith, L.A. 2957
Yuce, H.H. *see* Reith, L.A. 35382
Yuce, H.H. *see* Volotinen, T.T. 35368
Yuce, H.H. *see* Wei, T. 2989
Yuchan Xu *see* Xu Yuchan
Yuchang Qiu *see* Qiu Yuchang
Yuchang Yang *see* Yang Yuchang
Yuchao Fan, Hautier, J.P. Optimized control of converter-synchronous machine system operating in two-phase remedial strategy 47855
Yucheng Xie *see* Xie Yucheng
Yuchun Lu *see* Lu Yuchun
Yucun Lu *see* Jianguo Chen 35784
Yudasaka, I. *see* Miyasaka, M. 42913
Yude Li *see* Li Yude
Yudelev, M. *see* Maughan, R.L. 31979
Yudin, L.I. *see* Mikhailov, V.G. 46793
Yudong Zhang *see* Zhang Yudong
Yue, A.S. *see* Winters, W.E. 2582
Yue, C., Agostinelli, V.M., Jr., Yeric, G.M., Tasch, A.F. Improved universal MOSFET electron mobility degradation models for circuit simulation 19822
Yue, L., Sewell, J.I. A comparison study of SC biquads in the realisation of SC filters 42036
Yue, M. *see* Erdal, A. 18559

Yue Chen, Lijun Jin A new algorithm of joint adjustment of adaptive equalizer and carrier synchronization in communications 5321
Yue Du, Crisman, J.D. Generic target tracking using color 4979
Yue Guangqi, Nie Yungang Experimental study on thermal-wave detection and imaging system 23726
Yue Guangxin *see* Chen Li 4412
Yue Kong *see* Kong Yue
Yue Kuo Thin film transistors with graded SiN_x gate dielectrics 42978
Yue Ling, Zhang Weixiao A preamplifier with input and output filters 1072
Yue Ma *see* Ma Yue
Yue Wang, Morris, J.M. Exact scattered field generation for time-domain approach of ultrasound tomography 24196
Yue Xuefeng *see* Mu Xiaodong 20379
Yue Xuefeng *see* Xuefeng Yue
Yue Zhou *see* Beifang Yang 33681
Yue-E She *see* She Yue-E
Yue-Sheng Lu, Shu-Yi Zhang, Zhong-Ling Qian Second-harmonic responses of modulated photoreflectance in semiconductors 3766
Yuefeng Liao, Lipo, T.A. Sizing and optimal design of doubly salient permanent magnet motors 8283
Yuefeng Liao, Lipo, T.A. Effect of saturation third harmonic on the performance of squirrel-cage induction machines 47865
Yuefeng Liao, Lipo, T.A. A new doubly salient permanent magnet motor for adjustable speed drives 48152
Yueh, F.Y. *see* Cook, R.L. 25805
Yueh, S.H., Nghiem, S.V., Kwok, R. Symmetrization of cross-polarized responses in polarimetric radar images using reciprocity 39356
Yueh, S.H., Nghiem, S.V., Kwok, R., Wilson, W.J., Li, F.K., Johnson, J.T., Kong, J.A. Polarimetric thermal emission from periodic water surfaces 47262
Yueh, S.H. *see* Johnson, J.T. 24508
Yueh, S.H. *see* Johnson, J.T. 47287
Yueh, S.H. *see* Nghiem, S.V. 24509
Yueh Ho Jiunn *see* Jiunn Yueh Ho
Yueh-Chang Chen *see* Meng-Hui Chen 18838
Yuehui Yu, Shichang Zou, Zhuyin Zhou, Guoqin Zhao Optical effects of buried conductive layers formed by MeV ion implantation 27646
Yuelan Lu *see* Lu Yuelan
Yueli Tang *see* Tang Yueli
Yueming Ge *see* Shuheng Bian 43748
Yueming Wang *see* Wang Yueming
Yueming Zhou, Peifu Gu, Jinfa Tang Electrochromic devices with a polymer ionic conductor 35482
Yueming Zhou *see* Zhou Yueming
Yuen, A. Your own token-ring network manager 30307
Yuen, C., Pao, Y.C., Chiang, N., Bechtel, N.G. High gain, low noise InP HEMT for millimeter-wave application 19089
Yuen, C. *see* La Rue, R.A. 34272
Yuen, K.S.Y., Chan, W.W. Two methods for detecting symmetries 36974
Yuen, P. *see* Horowitz, Y.S. 31798
Yuen, P.C. Dominant point matching algorithm 13523
Yuen, P.C. *see* Tsang, P.W.M. 45092
Yuen, W.-P. A simple numerical analysis of planar optical waveguides using wave impedance transformation 21307
Yuen, W.T. *see* Tan Le 42528
Yuen Wu-Pen *see* Wu-Pen Yuen
Yuen-Pin Yeap *see* Farag, A.A. 30029
Yuen-Sum Liu *see* Fu-Ming Juang 29024
Yuezhen Xie *see* Xie Yuezhen
Yuezhu Wang *see* Wang Yuezhu
Yufang Mao *see* Mao Yufang
Yuferev, S.V. *see* Drobyshevskii, E.M. 12537
Yugami, H., Arai, Y., Kaneuji, T., Koyama, Y., Kawamoto, K., Ishimura, M., Dozono, Y. A basic study of seed recovery heat exchanger for closed cycle MHD power generation system 25357
Yugami, H., Onihashi, H., Otsuka, K., Taura, T., Nishida, Y. Electron linear accelerator based on the crossed-wave electric and static magnetic field 23952
Yugami, N. *see* Nakajima, K. 7013
Yugami, N. *see* Ogata, A. 6952
Yugami, N. *see* Yoshida, Y. 6954
Yuge, T., Sasaki, M., Yanagi, S. Reliability of a 3-state system subject to flow quantity constraint 33444
Yuge, T. *see* Satoh, N. 17968
Yugo, S. *see* Katsumata, S. 33741
Yugo, S. *see* Yamamura, S.'i. 34572
Yugova, T.G. *see* Vdovin, V.I. 729
Yuguang Ma *see* Ma Yuguang
Yuh, P. A 512-bit shift register using compact two-phase single flux quantum clock generators with large margins and low power 26848
Yuh Hsu Ken *see* Ken Yuh Hsu
Yuh Jan Ching *see* Ching Yuh Jan
Yuh-Ga Gong *see* Jia-Shyong Cheng 6704
Yuh-Jier Mii *see* Taur, Y. 20000
Yuh-Jong Hu The strategic planning for open systems environments 30420
Yuh-Ming Huang, Sheng-Uei Guan A refined cut-through buffer management scheme for layered protocol stacks 37341
Yuh-Ping Tong, Hon-Fai Yau, Chi-Ching Chang, Nen-Wen Puh, Tung-Sheng Chen Induced phase conjugate wave with a barium-titanate crystal 3827
Yuhaku, S. *see* Itagaki, M. 17862
Yuhas, C.M. *see* Bernstein, L. 45439
Yuheng Zhang *see* Zhang Yuheng
Yuhong Hu *see* Hu Yuhong
Yuhong Yu, Samal, A., Seth, S. Automatic segmentation of engineering drawings with symbols and connections 22016
Yuhong Zhang *see* Zhang Yuhong
Yuhua Cen *see* Barnwell, P. 19252
Yuhua Cheng *see* Cheng Yuhua
Yuhua Shen *see* Hailong Wang 751
Yui Kaye Ho Advanced Symmetric Superscalar RISC microprocessor 41941
Yui-Sheng Tsuei, Cangellaris, A.C., Prince, J.L. Rigorous electromagnetic modeling of chip-to-package (first-level) interconnections 40937
Yuijn Liang *see* Liang Yuijn
Yuille, A.L. *see* Clark, J.J. 30041
Yujie Ning *see* Ning Yujie
Yujin Liang *see* Liang Yujin
Yujin Zheng *see* Xin Gao 12366
Yujin Zheng *see* Xin Gao 36014
Yujing Huo *see* Huo Yujing
Yujiri, L. *see* Shoucri, M. 47189
Yujun Wang *see* Wang Yujun
Yuk Seong-Won *see* Seong-Won Yuk
Yuk-Hee Chan, Wan-Chi Siu Mixed-radix discrete cosine transform 21718
Yuk-Hee Chan, Wan-Chi Sui An approach to subband DCT image coding 45217
Yukaev, A.N. *see* Gavrishchuk, O.P. 31765
Yukang Ye *see* Ye Yukang
Yukawa, A., Okamoto, T., Maruyama, Y. Signal source quality improvement using oversampling 14916
Yukawa, A. *see* Maruyama, Y. 1285
Yukawa, H. *see* Higaki, N. 34086
Yukawa, T., Tsutsumi, M. Magnetoelastic waves in the yttrium iron garnet film 20141
Yuke Tian *see* Bisong Cao 36430
Yuki, K., Murakami, T., Ohnishi, K. Vibration control of a 2 mass resonant system by the resonance ratio control 25378
Yuki, M., Masumo, K., Iwasaki, A., Nakamura, N., Endo, Y., Kunigita, M. CMOS poly Si TFT process for LCDs at low temperature below 450 C 28280
Yukimasa, T. *see* Yoshiike, N. 6511
Yukimatsu, K., Shimazu, Y. Optical interconnections in switching system 35636
Yukimatsu, K. *see* De Zhong, W. 45731
Yukimatsu, K. *see* Sasayama, K. 5866
Yukimatsu, K. *see* Yamaguchi, M. 20583
Yukimatsu, K. *see* Yamaguchi, M. 37682
Yukimatsu, K. *see* Yamaguchi, M. 45722
Yukimatsu, K.-I. *see* Yamaguchi, M. 45726
Yukimatsu, K.-I. *see* Yamaguchi, M. 45729
Yukimura, A. *see* Suzuki, T. 16679
Yukimura, K. *see* Kawakami, H. 20598
Yukimura, K. *see* Kawakami, H. 20599
Yukimura, K. *see* Kawakami, H. 20600
Yukimura, K. *see* Nakagawa, N. 3441
Yukishita, M. *see* Nakamura, Y. 18432
Yul Kim Shi *see* Shi Yul Kim
Yuldashev, A.A. *see* Konyshev, A.N. 31492
Yuldashev, A.K. *see* Islamova, V.I. 39669
Yulian Pan *see* Pan Yulian
Yulian Tian *see* Jianhua Jiang 6922
Yuliang Chen *see* Hailong Wang 751
Yuliang He *see* He Yuliang
Yuliang Liu *see* Liu Yuliang
Yuliang Zheng, Hardjono, T., Pieprzyk, J. Sibling intractable function families and their applications 12970
Yuliang Zheng *see* Seberry, J. 29491
Yuliang Zheng *see* Seberry, J. 44725
Yuliasto, T.T., Nevin, J.H., Henderson, H.T. Accelerated hot electron effects in DRAMs 26927
Yulin Li *see* Zhao Wang 43557
Yulin Li *see* Li Yulin
Yulin Lu *see* Lu Yulin
Yum Bong-Jin *see* Bong-Jin Yum
Yum Tak-Shing *see* Tak-Shing Yum
Yum Tak-Shing Peter *see* Tak-Shing Peter Yum
Yumashev, K.V., Mikhailov, V.P., Bondar', I.V., Demchuk, M.I., Prokoshin, P.V., Dashyan, R.S. Passive mode locking of neodymium lasers using glasses with $CuInS_{2x}Se_{2(1-x)}$ microcrystallites 20685
Yumashev, K.V., Mikhailov, V.P., Bondar', I.V., Demchuk, M.I., Prokoshin, P.V., Gurin, V.S., Zhmako, S.P. Kinetics of bleaching and induced absorption in glasses with $CuInS_{2x}Se_{2(1-x)}$ microcrystallites under picosecond excitation 21004
Yumashev, K.V. *see* Mikhailov, V.P. 21043
Yumin Wang *see* Wang Yumin
Yuminaka, T. *see* Kawano, S. 33116
Yumita, N. *see* Umemura, S. 15897
Yumoto, J. *see* Lee, S.G. 28984
Yumoto, K. *see* Hatakeyama, T. 26994
Yumoto, M. *see* Ieyasu, A. 17113
Yumoto, M. *see* Unami, Y. 6004
Yun, D.I. *see* Premkumar, M.K. 368
Yun, D.I. *see* Premkumar, M.K. 18313
Yun, G., Kavehrad, M. Indoor infrared wireless communications using spot diffusing and fly-eye receivers 23014
Yun, G. *see* Hashemi, H. 45978
Yun, J.S., Song, I., Park, S.I., Son, J.C., Lee, K.Y. Analysis of DS/SSMA system with hard-limiting correlator over fading channels with impulsive noise 22785
Yun, K.Y., Dill, D.L. Automatic synthesis of 3D asynchronous state machines 26884
Yun, L.H. *see* Cho, Y.K. 12742
Yun, T.Y. *see* Park, M.S. 38051
Yun, W. *see* Krasnoperova, A.A. 31816
Yun Chong-Man *see* Chong-Man Yun
Yun Du *see* Du Yun
Yun Gao *see* Gao Yun
Yun Jin Seon *see* Jin Seon Yun
Yun Kim Se *see* Se Yun Kim
Yun Kim Tai *see* Tai Yun Kim
Yun Liu, Ohtsubo, J. Experimental control of chaos in a laser-diode interferometer with delayed feedback 43954
Yun Myung Hwan *see* Myung Hwan Yun
Yun Sik Lee *see* Maurer, P.M. 34003
Yun Tian *see* Tian Yun
Yun Woo Lee, Hyun Mo Cho, In Won Lee Half-aperture shearing interferometer for collimation testing 12311
Yun Xiang Yuan, Salt, J.E. Range and depth estimation using a vertical array in a correlated multipath environment 44884
Yun Yong-Hoon *see* Yong-Hoon Yun
Yun Zeng *see* Zeng Yun
Yun-Bo Park *see* Chan-Ik Park 28230
Yun-De Li *see* Li Zhang 28118
Yun-De Li *see* Li Yun-De
Yun-Huei Ju *see* Pole-Shang Lin 19497
Yun-Kang Sui *see* Sui Yun-Kang
Yun-Ok Cho, Hee-Suk Ryoo, Chong-Ho Sun, Ja-Yoon Koo, Dong-Won Chung, Sang-Joon Kim An experimental investigations on the degradation characteristics of 22.9 kV XLPE insulated power cables installed in Korea 7961
Yun-Peng Liu *see* Liu Yun-Peng
Yun-Qing Jiang *see* Jiang Yun-Qing
Yun-Zhen Wang, Bi-Lin Huang, De-Xin Cao, Jian-Qin Cao, De-Zhang Zhu, Kang-Long Shen Analysis of hydrogen in oxygen-doped polysilicon by $^4He^+$-H elastic recoil detection 19533
Yunbei Yu *see* Kit Po Wong 16184
Yundev, D.N. *see* Bityurin, V.A. 25712
Yundev, D.N. *see* Maslov, V.A. 43706
Yung, E. *see* Morris, J.E. 3370
Yung, E.K.N., Lee, W.W.S., Luk, K.M. Microstrip antenna top-loaded by a dielectric resonator 36377
Yung, E.K.N., Wong, R.S.K. Analysis of an array of circular loops 21425
Yung, E.K.N. *see* Wong, R.S.K. 30580
Yung, K.L., Cheng, K.W., Liu, H., Kwan, K.H. Simulation analysis of a novel precision motor drive to improve servo performance 17425
Yung, M. *see* Bellare, M. 21537
Yung, M. *see* Blundo, C. 21539
Yung, M. *see* Garay, J.A. 5156
Yung, M. *see* Naor, M. 21535
Yung, Y. *see* Norton, T.R. 26829
Yung, Y.S. A tutorial on GaAs vs silicon 19351
Yung Hsu Wei *see* Wei Yung Hsu
Yung Kwon Sung *see* Kwang Ho Kwon 2105
Yung Lee Yoon *see* Yoon Yung Lee
Yung Moti *see* Moti Yung
Yung-Chang Chen, Hsin-Hung Shen VLSI architectures for high-speed motion estimator 36884
Yung-Chang Chen *see* Jia-Wen Lin 34164
Yung-Chang chen *see* Jung-Yuan Kung 13169
Yung-Chang Luo *see* Yao-Tze Kao 8831
Yung-Dar Huang Maximum-likelihood localization of closely-spaced sources by MSLUM algorithm 21712
Yung-Ho Chuang, Kessler, T.J., Skupsky, S. Laser-beam pulse shaping using dispersive spectral filtering 35945
Yung-Joon Hah *see* Sung-Sik Yu 39860
Yung-Jung Jan A high speed variable length decoder for digital HDTV system 38305
Yung-Kuang Chen, Sien Chi, Wann-Yih Guo High-flexibility configurations of amplified star coupler for optical networks 43430
Yung-Kwon Sung *see* Cheol-Jin Lee 2231
Yung-Nien Sun *see* Pau-Choo Chung 42092
Yung-Shiuan Shyu *see* Yung-Yuan Chen 41989
Yung-Song Lou, Ching-Yuan Wu A characterization technique for the degradation characteristics of Ti/Si Schottky-barrier diodes and ohmic contacts after thermal silicidation 28075
Yung-Yuan Chen, Yung-Shiuan Shyu, Ching-Hwa Cheng An effective framework for fault-tolerant VLSI/WSI arrays based on hybrid redundancy approach 41989
Yungang Nie *see* Nie Yungang
Yungfu Zhao *see* Zhao Yungfu
Yungui Gao *see* Gao Yungui
Yungzhong Chen *see* Chen Yungzhong
Yunheng Huang *see* Chunhui Yan 42523
Yunhua Jiang *see* Jiang Yunhua
Yunhui Zhao *see* Zhao Yunhui

Yunibhand, K., Kinoshita, H., Sakai, Y. Hand gesture recognition using a stick figure model 30099
Yunkin, V.A., Fischer, D., Voges, E. Highly anisotropic selective reactive ion etching of deep trenches in silicon 27760
Yunkin, V.A., Rangelow, I.W., Schaefer, J.A., Fischer, D., Voges, E., Sloboshanin, S. Experimental study of anisotropy mechanisms during reactive ion etching of silicon in a $SF_6C_2Cl_3F_3$ plasma 27757
Yunkin, V.A. *see* Neyer, A. 35426
Yunlan Huang *see* Beifang Yang 33681
Yunn, B. *see* Liu, H. 31579
Yunn-Yen Chen, Yu-Chin Hsu, Chung-Ta King MULTIPAR: behavioral partition for synthesizing multiprocessor architectures 41968
Yunoki, A. *see* Hitachi, A. 7238
Yunokuchi, K., Ueno, S. Measurements of induced currents near the boundary of simulated vertebra in magnetic nerve stimulation 15891
Yunpeng Yu *see* Xuanying Lin 27472
Yunping Feng *see* Feng Yunping
Yunqi Liu *see* Peiheng Wu 35272
Yunqiang Zhang *see* Zhang Yunqiang
Yunqing Li *see* Li Yunqing
Yunrong Lu *see* Jiyong Ma 35286
Yunseok Ko, Hoyong Kim, Kyung-Hee Jung, Daeseok Rho Artifical neural network based online real time control strategies for the ULTC (under load tap changer) of substation transformers 32268
Yunseok Ko *see* Kyung-Hee Jung 32254
Yuntian Pei *see* Pei Yuntian
Yunusov, M.S., Karimov, M., Oksengendler, B.L., Khakimov, M. Formation of radiation defects in neutron-transmutation-doped silicon 10849
YunYi Wang *see* WeiKai Sun 4223
Yunying Xu *see* Xu Yunying
Yunyong Wang *see* Wang Yunyong
Yuong-Wei Lei, Ming Ouhyoung A new architecture for a TV graphics animation module 38247
Yupapin, P.V.P., Kusamran, S. Photoelastic material characteristics based on the stress-induced effect for sensor application 910
Yupapin, P.V.P. *see* Kusamran, S. 23682
Yuping Lu *see* Lu Yuping
Yupu Li, Kilner, J.A., Chater, R.J., Nejim, A., Hemment, P.L.F., Marsh, C.D., Booker, G.R. Oxygen isotopic exchange between an $^{18}O^+$ implanted Si layer and a natural SiO_2 capping layer during high-temperature annealing 2091
Yupu Liu *see* Liu Yupu
Yuqi Pan *see* Yinghua Min 48344
Yuqing Gao *see* Gao Yuqing
Yuquan Shen *see* Shen Yuquan
Yuquan Zhang *see* Zhang Yuquan
Yura, T. *see* Ishii, H. 37215
Yurchenko, Yu.S. Suboptimal nonlinear discrete filtering of continuous signals 13295
Yurchik, F.D. *see* Kikhney, G.P. 30366
Yurchuk, E.F. *see* Arsayev, I.Ye. 44574
Yur'ev, M.S. Instability of transverse laser beam profile in pulsed CO_2 lasers (review) 12302
Yur'ev, M.S. *see* Fedorov, S.V. 12363
Yurevich, V.A. *see* Chernov, S.M. 12316
Yurgenson, T.S. *see* Orlov, V.I. 40186
Yuri, M. *see* Imafuji, O. 12180
Yuri, T., Ohki, T. Effect of two-step annealing on magnetic properties of Pr-Fe-B base hot-rolled magnet 43285
Yurimoto, H., Mori, Y., Yamamoto, H. Negative metal-ion source for secondary ion mass spectrometry 15605
Yurkanin, T., Goel, N., Sambrano, G., Bhattacharya, G. Combined cycle plant for cycling duty 8212
Yurkas, J.J. *see* Seidler, P.F. 41485
Yurkevich, V.V. *see* Belozerov, V.V. 27322
Yurkin, V.A. *see* Zubtzov, V.M. 25823
Yurkov, M.V. *see* Saldin, E.L. 12268
Yurkov, M.V. *see* Saldin, E.L. 12269
Yurkov, M.V. *see* Saldin, E.L. 31538
Yurkov, M.V. *see* Saldin, E.L. 35906
Yurkov, S.N. *see* Kuzmin, V.A. 2405
Yurkov, S.N. *see* Kuzmin, V.A. 2477
Yurov, V.N. *see* Kotov, Yu.D. 31769
Yurovskii, Yu.F. Apparatus and observing procedure for millisecond pulsations in the Sun's radioemission 46152
Yurre, T.A. *see* Ber, B.Ya. 42635
Yuryevich, N.M. *see* Nazarov, A.A. 37133
Yuryshev, N.N. Pulsed COIL review 35667
Yusa, K. *see* Fukunaga, C. 46852
Yusa, K. *see* Saitoh, Y. 7254
Yusa, K. *see* Saitoh, Y. 46854
Yusa, K. *see* Tanaka, M. 46975
Yusa, Y. WAN utilization and network system integration 5477
Yushen Zhao *see* Dajun Cheng 4037
Yusheng Dai *see* Dai Yusheng
Yusheng He *see* He Yusheng
Yusheng Ji *see* Maruta, T. 30300
Yusheng Lu *see* Lu Yusheng
Yusheng Shen *see* Shen Yusheng
Yusheng Xue *see* Xue Yusheng
Yushi Sun *see* Sun Yushi
Yushin, A.I. *see* Zagoruiko, V.V. 19085
Yushin, N.K., Smirnova, E.P., Sotnikov, A.V., Tarakanov, E.A., Maksimov, Yu.A. Electrostrictive devices: concepts of design and realization 11417
Yushin, N.K. *see* Maksimov, A.Yu. 11880
Yushkaitis, R. *see* Mamedov, A.M. 15039
Yushkaitis, R. *see* Mamedov, A.M. 31254
Yushkaitis, R.V. *see* Potapov, V.T. 23658
Yushko, E.G. *see* Britvich, G.I. 7165
Yushkov, Yu.G. *see* Artemenko, S.N. 40307
Yusof, S.B., Rogers, G.J., Alden, R.T.H. Slow coherency based network partitioning including load buses 24616
Yusupova, R.D. *see* Mirzabaev, M. 40478
Yuta, H. *see* Abe, K. 7260
Yuta, H. *see* Abe, K. 15619
Yuta, H. *see* Abe, K. 46930
Yuta, S. *see* Terada, K. 23693
Yutang Ye *see* Ye Yutang
Yutang Zhou *see* Yinghua Min 48344
Yutani, A. *see* Yokota, K. 10805
Yutani, N. *see* Akiyama, A. 46503
Yutani, N. *see* Seto, T. 31283
Yutao Chen *see* Chen Yutao
Yutoh, H. *see* Nashiyama, I. 34902
Yuuki, F. *see* Kato, T. 3053
Yuvarajan, S. *see* Hwa-Liang Chiou 41649
Yuwen Zhang, Zhongqi Chen, Qijie Wang Analysis of melting in an enclosure with discrete heating at constant rate 33394
Yuxing Xia *see* Shangqing Liu 39393
Yuyama, I. *see* Motoki, T. 46196
Yuyama, K. *see* Suzuki, G. 28289
Yuyama, Y. *see* Saito, T. 27798
Yuyan Liu *see* Davies, P.B. 20650
Yuyi Zao *see* Zao Yuyi
Yuzhen Cui *see* Cui Yuzhen
Yuzhen Zhang *see* Jialin Xie 43973
Yuzheng Ding *see* Cong, J. 26892
Yuzhi Gao *see* Gao Yuzhi
Yuzhi Wang *see* Wang Yuzhi
Yuzhu Wang *see* Wang Yuzhu
Yvedensky, D.D., Shitara, T., Smilauer, P., Kaneko, T., Zangwill, A. From adatom migration to chemical kinetics: models for MBE, MOMBE and MOCVD 9593
Yvon, D., Wang, N., Chapellier, M., Chardin, G., Leveque, P., L'Hote, D., Pari, P., Soudee, J., Guerrier, G. Bolometer's development, with simultaneous measurement of heat and ionisation signals, at Saclay 24035
Yvon, D. *see* Aubourg, E. 19925
Yvon, D. *see* Stockwell, W. 18495
Ywanne, F., Martinerie, F., Rabadan, C. Target tracking from distributed sensors and simultaneous sensor field calibration 21879
Yzuel, M.J. *see* Ahouzi, E. 29896
Yzuel, M.J. *see* Campos, J. 12413
Yzuel, M.J. *see* Campos, J. 13516
Yzuel, M.J. *see* Campos, J. 13531
Yzuel, M.J. *see* Campos, J. 36943
Yzuel, M.J. *see* Corbalan, M. 29897
Yzuel, M.J. *see* Escalera, J.C. 35547
Yzuel, M.J. *see* Pladellorens, J. 31849
Yzuel, M.J. *see* Pladellorens, J. 31873
Yzuel, M.J. *see* Vila, N. 29900

Za Son Li *see* Li Za Son
Zaage, S., Groteluschen, E. Characterization of the broadband transmission behavior of interconnections on silicon substrates 19963
Zaage, S. *see* Groteluschen, E. 11262
Zaage, S. *see* Uffmann, D. 10468
Zabala, E., De la Puerta, J. The application of the HDK-20 video sensor to intruder detection in restricted access zones 6565
Zabala, R.J. *see* Benz, M.G. 11517
Zabalkanskiy, E.S., Levin, M.E. Spectrum conversion in amplifiers with a complex nonlinearity 36691
Zabaznov, A.M. *see* Antipenko, B.M. 35747
Zabelin, A.M. *see* Galushkin, M.G. 11962
Zabierowski, J. High power LED pulser for gain monitoring in a multicounter experiment 31730
Zablotskii, V.V., Ivanov, N.A., Leonov, N.N., Morozov, V.F., Petrenko, V.V. Surface-barrier detectors based on high-resistivity *n*-type silicon obtained by photonuclear transmutation doping 15612
Zablotskiy, V.V., Ivanov, N.A., Leonov, N.N., Petrenko, V.V. The homogeneity of the photonuclear transmutation doping of silicon 19512
Zabotina, N.P. On the regularity of stochastic processes that are functions of stationary Gaussian processes 44648
Zabrodin, K. *see* Penin, A. 21118
Zabrodskii, A.G., Alekseenko, M.V. The kinetics of neutron-transmission doping of germanium: characterization of the material and determination of the nuclear physical constants 42645
Zabrodskii, A.G., Alekseenko, M.V. Effect of the spectrum of fission-reactor neutrons on the kinetics of neutron transmutation doping and on the dopant yield in germanium 42646
Zaccarin, A., Liu, B. A novel approach for coding color quantized images 13621
Zaccarin, A., Liu, B. Block motion compensated coding of interlaced sequences using adaptively deinterlaced fields 45074
Zaccarin, D., Kavehrad, M. Performance evaluation of optical CDMA systems using non-coherent detection and bipolar codes 37090
Zaccarin, D., Kavehrad, M. New architecture for incoherent optical CDMA to achieve bipolar capacity 37977
Zacek, J. Modelling of power semiconductor converters 1046
Zacek, V. *see* Artamonov, A. 31697
Zach, F.C. *see* Erhartt, L. 32899
Zach, F.C. *see* Erhartt, L.L. 16975
Zach, F.C. *see* Himmelstoss, F.A. 17099
Zach, F.C. *see* Himmelstoss, F.A. 26706
Zach, F.C. *see* Kolar, J.W. 32926
Zach, F.C. *see* Kolar, J.W. 40339
Zachai, R. *see* Jiang, X. 9611
Zacharian, A.G. *see* Babaian, A.Z. 15398
Zacharias, R.A., Avalle, C.A., Kunz, K.S., Molau, N.E., Pennock, S.T., Poggio, A.J., Sharpe, R.M. A methodology for assessing high intensity RF effects in aircraft 39293
Zachary, L. *see* Cappa, P. 23924
Zachary, L. *see* Cappa, P. 31162
Zachary, W.W. *see* Voorhees, J.W. 39263
Zachau-Christiansen, B., Jacobsen, T., West, K., Skaarup, S. Electrochemical determination of the oxygen stoichiometry in doped ceria [for SOFCs] 17335
Zacher, A.R. A wide-range logarithmic charge digitizer 1278
Zacher, R. *see* van Vechten, D. 24131
Zacher, R.A., Saulnier, G., Fritz, G.G., Van Vechten, D., Kang, J. $Nb/Al/AlO_x/Nb$ superconducting tunnel junctions as X-ray detectors 20193
Zacher, R.A. *see* Saulnier, G.G. 20203
Zack, M.H. Electronic messaging and shared context in an ongoing work group 30360
Zadehgol, H. *see* Christie, R.D. 32401
Zadnik, M.G. *see* Blair, D.G. 14746
Zadravec, D., Filipitsch, R., Mihalic, F., Krischan, K., Milanovic, M., Jezernik, K., Rentmeister, M. ZVS HF resonant converter with bidirectional switches 16973
Zadrozny, W. *see* Bellegarda, J. 13122
Zaengl, W.S., Lehmann, K. A critique of present calibration procedures for partial discharge measurements 38372
Zafar, N. Computer-aided prototyping for ASIC-based systems 26766
Zafar, S. *see* Jabbari, B. 4814
Zaffanella, L.E. *see* Dunlap, J.H. 38653
Zafiropulo, P. *see* Zurfluh, E.A. 5466
Zafirova, B.S. *see* Andreev, A.T. 35347
Zafirova, B.S. *see* Panajotov, K.P. 35348
Zafran, J.B., Sandor, B.I. Influence of substrate deformations on the thermal fatigue life of SMT solder joints 299
Zafrir, H., Pernick, A., Steinitz, G., Yaffe, U., Grushka, A. Unmanned airborne system in real-time radiological monitoring 39122
Zagainova, L.I. *see* Iljin, A.G. 3228
Zagar, P. *see* Lowrey, T. 1236
Zagarii, L.B., Vydai, Yu.T. Ionizing radiation detectors based on paraterphenyl films 31766
Zagba, S. *see* Buvry, M. 13696
Zaghloul, H. *see* Bultitude, R.J.C. 4101
Zaghloul, H. *see* Fattouche, M. 4107
Zaghloul, H. *see* Fattouche, M. 13853
Zaghloul, H. *see* Fattouche, M. 36700
Zaghloul, M. *see* Berkovich, S. 13654
Zaghloul, M. *see* Gaitan, M. 19988
Zaghloul, M.E. *see* Ali, H.H. 10368
Zaghloul, M.E. *see* Ali, H.H. 18932
Zagidullin, M.V., Nikolaev, V.D., Svistun, M.I. Compact oxygen-iodine laser with a thermally insulated jet singlet-oxygen generator 43735
Zaglia, M.R. *see* Cecchi, M.M. 26338
Zagliani, F. *see* Akbar, A. 47551
Zagorskii, A.E., Prokhorova, G.A. Time harmonics of the voltages, currents, and energy losses of a double-supply generator with a nonsinusoidal rotor converter 40166
Zagorskii, A.V. *see* Zheleznyi, V.B. 21185
Zagoruiko, V.V., Koval, V.P., Narbut, V.P., Yushin, A.I. Analysis of energy characteristics of a cascade connection of dissipative microwave quadripoles 19085
Zagozdzon-Wosik, W., Grabiec, P., Romero-Borja, F., Wood, L.T., Lux, G. Investigation of proximity RTD for submicron junctions in VLSI Si devices 2070
Zagozdzon-Wosik, W., Grabiec, P.B., Lux, G. Silicon doping from phosphorus spin-on dopant sources in proximity rapid thermal diffusion 19537
Zagranichny, S.I. *see* Glazkov, A.A. 15592
Zagrodnik, J., Jones, K. Nickel-hydrogen battery—common pressure vessel 17239

Zagrouba, E., Krey, C. A cooperative algorithm for 2-D facets extraction using contours and regions 30024
Zagrouba, E., Krey, C., Hamrouni, Z. Region matching by adjacency propagation in stereovision 13712
Zagumennyi, A.I., Nikol'skii, M.Yu., Prokhorov, A.M., Shcherbakov, I.A., Kravtsov, N.V., Nanii, O.E., Firsov, V.V. Laser based on a Nd:$GdVO_4$ with crystal semiconductor pumping 35748
Zagurskii, V.Ya., Semenova, N.Ya. Use of histogram method of testing analog/digital converters to calculate dynamic error in the spectral domain 1288
Zagurskii, V.Ya., Semenova, N.Ya., Gulyashko, A.A. Heteroscedastic model of dynamic operation of an analog-to-digital converter 6368
Zagzebski, J.A. *see* Chen, J.-F. 15703
Zagzebski, J.A. *see* Madsen, E.L. 47064
Zah, C.E. *see* Eskildsen, L. 12066
Zah, C.E. *see* Kikuchi, K. 28985
Zahalka, D. *see* Samal, M. 39028
Zaharakis, A. *see* Vournas, C.D. 25245
Zaharia, I. *see* Popescu, I. 33893
Zaharia, I. *see* Popescu, I. 39575
Zahidi, M. *see* Assoul, M. 47071
Zahin, A.Z. *see* Gorur, A. 30771
Zahirniak, D. *see* Calvin, J. 27115
Zahka, J. *see* Parekh, B. 9211
Zahn, D.R.T. Controlling the interface between II-VI and III-V semiconductors 34563
Zahn, M. *see* Washabaugh, A.P. 44228
Zahni, A.H.el *see* el Zahni, A.H.
Zahorski, D., Mariani, J.L., Escadafals, L., Gilles, J. Spectroscopic ellipsometry: a new tool for 'on line' quality control [IC manufacture] 11282
Zahradnik, P. Digital filtering improves picture definition 10292
Zahrai, A., Zrnic, D.S. The 10-cm-wavelength polarimetric weather radar at NOAA's National Severe Storms Laboratory 39375
Zahringer, G. *see* Hutter, G. 9976
Zahringer, M. Quality control of environmental radioactivity measurements 39123
Zahzah, E.-H., Desachy, J., Zehana, M. Interpretation of satellite images by a fuzzy neural system 13555
Zahzouh, M., Hincelin, G., Mellet, R., Pougnet, A.M. Chemical beam epitaxy of high purity InP using tertiarybutylphosphine and 1,2 bisphosphinoethane 9635
Zaid, A.Abo *see* Abo Zaid, A.
Zaidi, S. *see* Elrefaie, A.F. 14644
Zaidi, S.H. *see* Chu, A.-S. 2183
Zaidi, Z.H. *see* Singh, Y.P. 46655
Zaifu Zhang, McLeod, R.D., Pedrycz, W. A neural network algorithm for testing stuck-open faults in CMOS combinational circuits 1143
Zaiguang, L. *see* Xuefeng, L. 20814
Zaiguang Li *see* Jun Ali 28541
Zaiguang Li *see* Li Zaiguang
Zaikovski, I. *see* Akopyan, M. 15528
Zailer, I. *see* Simpson, P.J. 10712
Zailu Huang *see* Huang Zailu
Zaim, M. *see* Peyrin, F. 15830
Zaima, E., Okabe, S., Nishiwaki, S., Ishikawa, M., Suzuki, K., Toda, H. Application of dynamic arc equations to high frequency arc extinctions in SF_6 gas circuit breakers 25570
Zaima, E., Okabe, S., Yamagiwa, T. Effective on-site test with low AC with PD [GIS testing] 48015
Zaima, E. *see* Yamada, T. 25041
Zain, A.F.M. In-class demonstration using amateur radio satellites for the teaching of communications engineering at the Universiti Kebangsaan Malaysia 33283
Zainabidinov, S.Z. *see* Abduraimov, A. 11139
Zainud-Deen, S.H. *see* Sharsher, H.A. 12727
Zaitong Lu *see* Mingchang Wang 20921
Zaitsev, A. *see* Benvenuti, A. 7252
Zaitsev, A.M. *see* Ulyashin, A.G. 34503
Zaitsev, B.D., Kalinin, B.Yu., Magda, I.I., Ermolenko, A.B., Prokopenko, Yu.B., Gadetskii, H.P. Meter for measuring the electric field of single microwave pulses 14982
Zaitsev, K.N. *see* Bykovskii, Yu.A. 38438
Zaitsev, S.V. *see* Gordeev, N.Yu. 20761
Zaitsev, V.A. *see* Aubin, J. 25519
Zaitsev, V.I., Kartashov, A.V., Oleinik, G.M. Reconstruction of signals passing through a long cable 4657
Zaitsev, V.V. *see* Berestnev, D.P. 12659
Zaitseva, N.A. Historical developments in radiosonde systems in the former Soviet Union 39371
Zaitseva, N.P. *see* Paraschuk, D.Yu. 21057
Zaitsu, T. *see* Ohnishi, O. 9940
Zajaczkowski, A.M. *see* Mielczarski, W. 16822
Zajaczkowski, A.M. *see* Mielczarski, W. 40135
Zajc, B. *see* Gruden, S. 42046
Zajfman, D. *see* Shchemelinin, S. 47016
Zak, S.H. *see* Lillo, W.E. 42115
Zakamskaya, L.T. *see* Grachev, A.O. 15595
Zakarauskas, P. *see* Ozard, J.M. 4668
Zakaria, G., Beex, A.A. Switching adaptive filter structures for improved performance 42067
Zakaria, G., Beex, A.A. Using DFT and interpolation to reconstruct narrowband signals buried in noise 44915
Zakel, E., Kloeser, J., Distler, H., Reichl, H. Flip-chip bonding on Green tape ceramic substrates 27389
Zakel, E. *see* Eldring, J. 1765
Zakhalyavko, A.V., Sukhanov, A.V. Resistive model of a Schottky gated transistor for microwave control devices 19081
Zakharenko, V.V. *see* Bruk, Yu.M. 29211
Zakharenkov, L. Rare-earths applications in III-V crystal growth technology 9507
Zakharenkov, L., Golubev, V., Kozlovskii, V. Microelectronic devices: prospects for rare-earths 10756
Zakharov, A.A. Experience in operation and maintenance of individual hydraulic turbine components 40039
Zakharov, A.I. *see* Rubashkin, S.G. 16006
Zakharov, N.D., Liliental-Weber, Z., Swider, W., Brown, A.S., Metzger, R. Structure of $Ga_{0.47}In_{0.53}As$ epitaxial layers grown on InP substrates at different temperatures 768
Zakharov, N.D. *see* Artyushenko, V.G. 20317
Zakharov, S. *see* Agafonov, A. 46721
Zakharov, S. *see* Goryachev, V. 3841
Zakharov, S. *see* Manykin, E. 12345
Zakharov, S.I. Least-squares estimates for a two-sided autoregression mode and their use in spectral analysis 29621
Zakharov, S.M. Polarization switching and multistability in a nonlinear Fabry-Perot etalon 3800
Zakharov, S.M., Goryachev, V.A. All-optical logic gates for high-speed supercomputers. II. Design and physical peculiarities 43591
Zakharov, S.M., Manykin, E.A. Simultaneous optical image processing by photon echoes 35977
Zakharov, V.A. *see* Chulkova, A.A. 41528
Zakharov, V.P. *see* Barykin, A.A. 12339
Zakharov, V.V. Estimates of word length of digital devices in adaptive spatial processors 4629
Zakharova, N.B. *see* Kazakova, L.P. 19353
Zakharova, V.I. *see* Mescheryakov, V.I. 37956
Zakhem, W. *see* Botros, N. 18783
Zakhidov, R.A., Kiseleva, E.I., Orlova, N.I., Tadzhiev, U.A. On the operation of some types of wind electric installations in Uzbekistan regions with different natural conditions 40068
Zakhidov, R.A. *see* Al-Oran, B.F. 40477
Zakhleniuk, N.A. *see* Kochelap, V.A. 10640
Zakhleniuk, N.A. *see* Sokolov, V.N. 19364
Zakhor, A., Lari, F. Edge-based 3-D camera motion estimation with application to video coding 13624
Zakhor, A., Lin, S., Eskafi, F. A new class of B/W halftoning algorithms 13625
Zakhor, A. *see* Hein, S. 29757
Zakhor, A. *see* Lari, F. 14732
Zakhor, A. *see* Lari, F. 29921
Zakhor, A. *see* Yong Liu 2343
Zakhozhii, V.O., Kolesnik, E.S., Sorokoput, V.L. Interface linking an Elektronika MK-52 calculator with a digital metering device 31122
Zakhvatova, M.B. *see* Nikonorov, N.V. 20350
Zaki, A.M., El-Sattar, A.A., Wahsh, S., Amer, S. Microprocessor-based speed control of DC motor fed from semiconverter supply 8449
Zaki, A.M. *see* Ahmed, F.I. 40227
Zaki, K.A., Liang, X.-P. Higher order modes, high Q dielectric resonators for oscillator applications 18991
Zaki, K.A. *see* Hui-Wen Yao 42176
Zaki, K.A. *see* Liang, J.-F. 1428
Zaki, K.A. *see* Liang, X.-P. 1411
Zaki, K.A. *see* Xiao-Peng Liang 42177
Zaki, K.A. *see* Yao, H.-W. 1412
Zakirova, E.A. *see* Man'ko, V.S. 10753
Zaklad, A.L. *see* Voorhees, J.W. 39263
Zako, B. *see* Cosgrove, M. 22902
Zakosarenko, V.M. *see* Laiho, R. 43361
Zakrevsky, L.A. The test sequence length minimization using scan methods 10042
Zakrewski, K., Tomczuk, B. 3-D calculation of zero-component flux in three-phase three-column transformer 47939
Zakrzewski, K., Lukaniszyn, M. Application of 3-D finite difference method for inductance calculation of air-core coils system 47938
Zakrzewski, Z. *see* Bartosiewicz, L. 47963
Zakrzewski, Z. *see* Jasinski, A. 47964
Zakrzewski, Z. *see* Sauve, G. 10388
Zaks, C. *see* Allnut, R.M. 37933
Zaks, S. *see* Gerstel, O. 22370
Zaks, S. *see* Kozen, D. 41074
Zaks, S. *see* Malka, Y. 13884
Zakurdayev, A.D. *see* Lopin, M.I. 1795
Zakurenko, O.E., Kuz'michev, V.M. Optical low-radiation-level power meter 31491
Zaky, S.G. *see* Laurin, J.-J. 36260
Zakzewski, C.A., Li, J.K.-J., Amory, D.W., Kalatzis-Manolakis, E. Design of a novel constant current pulsed iontophoretic stimulation device 24325
Zalar, A., Pimentel, F., Hofmann, S., Panjan, P., Kohl, D., Pracek, B. A study of thermally formed reaction products in a Ni/Cr/Si multilayer structure 10991
Zalesak, Z. Technical recommendations for improving the mechanical reliability of EHV and SHV overhead transmission lines 32450
Zalesny, M.D., Salas, E. Measuring process in team performance and training 151
Zalesskii, V.B., Kashevarov, V.L., Sokol, G.A., Shunevich, S.A. Silicon microstrip detector with internal amplification 31682
Zalessky, V.B., Leonova, T.R., Malyshev, S.A., Pan, V.R., Rakhley, S.Yu., Shunevich, S.A. Avalanche photodetector array based on metal-resistive layer-semiconductor structures 6498
Zaleta, D., Fan, J., Cheng, C.K., Lee, S.H. Simulated annealing applied to placement of processing elements in optoelectronic multichip modules interconnected by computer generated holograms 20488
Zaleta, D., Jiao Fan, Kress, B.C., Lee, S.H., Chung-Kuan Cheng Optimum placement for optoelectronic multichip modules and the synthesis of diffractive optics for multichip module interconnects 43570
Zaleta, D. *see* Takahashi, H. 20497
Zalevsky, Z. *see* Mendlovic, D. 45249
Zalewski, D. *see* Laplante, P.A. 5031
Zalewski, J. *see* Botlo, M. 46321
Zalewski, J. *see* Ker-Chung Wann 45629
Zalilova, N.E. *see* Andrianov, S.N. 11651
Zaljubovsky, I. *see* Bellamy, E.H. 46956
Zalkind, V.I., Krapivni, V.E., Schigel, S.S., Korchevoi, Yu.P., Ganefeld, R.W., Kazakevich, O.Ja., Rudenko, L.N., Simonenko, L.S., Yakovlev, V.S. The development and investigation of carcase electrodes for MHD generators on gas and gaseous fuel 25725
Zalkind, V.I., Povelitsin, V.A., Schigel, S.S. Development of open cycle MHD generator's fire walls: problems of replenishment of fire surfaces and analysis of heat transfer regime 25726
Zalkind, V.I., Povelitsyn, V.A., Shikov, V.K., Shchigel', S.S. Fire walls for open-cycle MHD generators: fire-surface reconditioning and the choice of thermal operating conditions 48145
Zalkind, V.I. *see* Lukin, E.S. 25796
Zalkind, V.I. *see* Tikhotski, A.S. 25718
Zallo, A. *see* Bianco, S. 31711
Zallo, A. *see* Sarwar, S. 31698
Zalm, P.C. The application of dynamic SIMS in silicon semiconductor technology 1983
Zalogin, N.N., Kalinkevich, A.A., Kirillin, K.L. Calculation of the signal/noise ratio for a radar, operating on the basis of the double spectral analysis of a noise signal 14674
Zaltsman, I.G. *see* Brykin, M.V. 25735
Zalubas, E.J., Amin, M. The design of signal dependent time-frequency kernels by McClellan transformation 13314
Zalucki, Z. Interrupting capacity of vacuum interrupters depending on the frequency of current 40367
Zaluzny, M. Saturation of intersubband absorption and optical rectification in asymmetric quantum wells 3767
Zalyubovskii, I.I., Lomako, A.A., Morgun, O.N., Chernyi, V.V. Method for active remote detection of nuclear warheads 24586
Zaman, A. *see* Benet, J.A. 1414
Zaman, N. *see* Ahsan, J. 527
Zaman, S. *see* David, A. 31691
Zamanillo, J.M. *see* Fernandez, T. 27223
Zamanillo, J.M. *see* Fernandez, T. 28195
Zamarro, J.M. *see* Molla, J. 15166
Zambon, A. *see* Bonollo, F. 21141
Zambon, A. *see* Bonollo, F. 44177
Zambon, P., Witteman, W.J., van der Slot, P.J.M. Comparison between a FEL amplifier and oscillator 43980
Zambrano, R. Improved structures for power MOSFETs with on-chip full protection 2539
Zambre, Y. *see* Corbett, W.J. 7045
Zamerowski, T. *see* Abeles, J.H. 20863
Zamidra, A.I., Demidenko, S.K., Romashev, L.N. Theoretical and experimental study of magnetic systems with a force-free winding 4016
Zamir, R., Feder, M. A generalization of the entropy power inequality with applications 36462
Zamora, S. *see* Aguilera, S. 11850
Zamora, Y. *see* O'Shaughnessy, K. 47008
Zamore, A. Successful applications of electron beam processing 34299
Zamorskaya, O.F. *see* Voytovich, N.I. 44542
Zamorskii, M.K., Lipskii, V.V., Privalov, V.E. Temporal characteristics of He-Ne laser 2.39-μm radiation 35699
Zampa, N. *see* Bocciolini, M. 24082
Zampa, V. *see* Cavalcanti, E.S.C. 24989
Zampardi, P. *see* Ho, W.J. 28255
Zampardi, P. *see* Ho, W.J. 43090
Zamperoni, P. *see* Amiri, H. 22200
Zampieri, A. *see* O'Shaughnessy, K. 47008
Zampieron, L.V. *see* Ferrante, M. 43252
Zampolin, R. *see* Haven, D. 6692
Zamula, A.A. *see* Gorbienko, I.D. 29581
Zamyatin, A.A. *see* Botvich, D.D. 45321
Zamyatin, A.G. *see* Solodovnichenko, M.B. 12867
Zamzow, P.E. *see* Delage, P. 6011
Zanazzi, P.F. *see* Comodi, P. 15240
Zanca, M. *see* Cauvin, J.C. 15864
Zanchini, E. *see* Barletta, A. 12523

Zandbergen, P., Dijkstra, H.J. Evaluation of a positive tone chemically amplified deep UV resist for E-beam applications 28042
Zander, H. Multimedia formats for optical discs 43378
Zander, J. Transmitter power control for co-channel interference management in cellular radio systems—an overview and some recent results 37888
Zander, J. Transmitter power control for co-channel interference management in cellular radio systems 45807
Zander, J. *see* Grandhi, S.A. 22839
Zander, J. *see* Rebhan, R. 46169
Zandi, A., Iyer, B., Langdon, G. Sort order preserving data compression for extended alphabets 4398
Zandian, M. *see* Arias, J.M. 11838
Zandian, M. *see* Shin, S.H. 10790
Zandler, G. *see* Lugli, P. 35601
Zandolin, S. *see* Calabrese, R. 38804
Zane, D. *see* Passerini, S. 8743
Zanella, F., Gailus, M. Optimizing signal integrity in high speed PCB connectors 1747
Zanella, P. *see* Sberveglieri, G. 6632
Zanellato, G. *see* Yang, G. 14312
Zanello, D. *see* Asmone, A. 31692
Zanello, D. *see* Asmone, A. 31721
Zanello, L. *see* Beer, A. 31662
Zanello, L. *see* Benczc, G.L. 38858
Zanetta, P., Facchini, M. Local correlation of laser speckle applied to the study of salt efflorescence on stone surfaces 21143
Zanetta, P. *see* Facchini, M. 899
Zanetta, P. *see* Paoletti, D. 23649
Zanetta, P. *see* Paoletti, D. 41545
Zanettin, A. The LMX 506 multi-protocol router of the COMPAC range 37466
Zanettin, A. *see* Lecluse, J.-L. 37465
Zang, Q.-S. *see* Xiong, G.C. 35257
Zang Liangzu *see* Li Cuiwei 5661
Zang Weiping, Tian Jianguo, Zhang Guangyin Theoretical analysis on self-defocusing mode-locking in a ring resonator 35916
Zang Yan-Fen, Liu Xiang-Yang, Zhang Guo-Xiong Method for the straightness measurement of vertical guideways of machine tools using capacitive and inductive sensors 31449
Zang Yan-Fen, Zhang Guo-Xiong, Liu Xiang-Yang Laser interferometric device for measuring step gauges with high accuracy 31467
Zangari, G. *see* Bozzini, B. 2828
Zanghellini, E. *see* Pavesi, L. 28658
Zangrando, D., Walker, R.P. Magnetic measurement facility for the ELETTRA insertion devices 15529
Zangrando, D. *see* Gnidica, F. 15530
Zangrando, D. *see* Walker, R.P. 7111
Zangrando, D. *see* Walker, R.P. 15531
Zangwill, A. *see* Yvedensky, D.D. 9593
Zangwill, A. *see* Fuoss, P. *(editor)* 9105
Zanibelli, L. *see* Perego, C. 17355
Zanin, M., Leal Ferreira, G.F., Giacometti, J.A., Moreno, R.A. Electrical conduction in alumina-filled EPDM 35170
Zaninelli, D. *see* Bellon, A. 7735
Zanini, L. *see* Benvenuti, A. 7252
Zankl, M. Computational models employed for dose assessment in diagnostic radiology 24190
Zankl, M. *see* Veit, R. 24193
Zanne, C. *see* Fellah, M.K. 8539
Zanne, C. *see* Wang, P. 8533
Zannella, S. *see* Martini, I. 28399
Zanni, L. On the convergence rate of two projection methods for variational inequalities in IR^n 9441
Zannoli, S. High performance quad flat packages for LSI devices 11277
Zannoli, S. Measurements of electromagnetic interference using the spectral analyser 15191
Zannoli, S. Measuring by fine pitch probing 17811
Zannoli, S. LAN interfaces 22577
Zannoli, S. Power analyses 23777
Zannoli, S. A large-memory modular digital oscilloscope 31345
Zannoli, S. Fault tolerant power supplies 33865
Zanobetti, D. *see* Nucci, C.A. 48091
Zanon, A. *see* Facco, A. 15404
Zanon, R.A.D. *see* Tsui, K.H. 3459
Zanoni, E. *see* Bonati, B. 2521
Zanoni, E. *see* Neviani, A. 11255
Zanoni, E. *see* Pavan, P. 18724
Zanoni, E. *see* Tedesco, C. 2571
Zanoni, E. *see* Tedesco, C. 35602
Zanoni, E. *see* Verzellesi, G. 34918
Zanoni, R. *see* Pearson, G.W. 3075
Zanotti, L., Rojas, S., Doghieri, F., Santarelli, F. Process characterization for LPCVD TEOS-ozone based SiO_2 films 9761
Zanotti, L. *see* Alessandrello, A. 24024
Zanotti, L. *see* Alessandrello, A. 24031
Zanotti, L. *see* Bacchetta, M. 19662
Zanotti, L. *see* Rojas, S. 26507
Zanotti, M. *see* Fassina, P. 25800
Zanten, A.J.van *see* van Zanten, A.J.
Zantis, F.-P. Optimising switching behaviour in bipolar transistors 42896
Zanuy, M.F., Riz, F.T. A modification of the conjugate direction method for motion estimation 13819
Zanzottera, F. *see* Marzorati, A. 15990
Zao Yuyi *see* Chen Junwu 10522
Zapata, J., Garcia, J., Valor, L., Garai, J.M. Field-theory analysis of cross-iris coupling in circular waveguide resonators 19001
Zapata, J. *see* Gil, J.M. 36328
Zapata, L.E. *see* Hackel, L.A. 27812
Zapfe, K. Test of a high-density polarized hydrogen gas target storage cell and spin filter for stored ion beams 31591
Zapfe, K. *see* Barber, D.P. 31578
Zapfe, K. *see* Rathmann, F. 6941
Zaporowski, B., Roszkiewicz, J., Sroka, K. Technological system of combined MHD - steam power plant integrated with coal gasification 25313
Zaporozhets, A.A. *see* Westcott, B.S. 12735
Zaporozhets, E.V. *see* Andricvskii, V.F. 28672
Zaporozhets, G.V. *see* Vyzulin, S.A. 11503
Zaporozhets, V.V. *see* Vyzulin, S.A. 11503
Zappa, F. *see* Lacaita, A. 20540
Zappa, G. *see* Tesi, A. 4673
Zappa, G. *see* Tesi, A. 44954
Zappala, D. *see* Zhang, L. 5232
Zappatore, S. *see* Lavagetto, F. 22064
Zappe, H.P. *see* Arnot, H.E.G. 27684
Zappelli, L. *see* Cascio, L. 19011
Zappelli, L. *see* Chiaraluce, F. 29251
Zappelli, L. *see* De Leo, R. 44438
Zappelli, L. *see* Rozzi, T. 29138
Zappi, P., Wood, P. Skin effect: truth and myth 41656
Zappulla, R. *see* Law, H.H. 34456
Zaprianov, J. *see* Gegov, A. 39507
Zaprianov, J. *see* Lahtchev, L.H. 40088
Zapryaguev, I.A. *see* Baryshev, Y.V. 31656
Zaquine, I. *see* Murgulescu, M.-H. 34217
Zarabi, M.J. *see* Bandyopadhyay, A. 43112
Zarabi, M.J. *see* Bendapudi, S. 23717
Zarakas, P. *see* Robison, P. 32246
Zarandi, Z. *see* Biri, J. 46996
Zarate, R.Ortiz de *see* Ortiz de Zarate, R.
Zarcone, M.J. *see* Smith, K.S. 46822
Zardas, G.E. *see* Euthymiou, P.C. 7201
Zardini, C. *see* Dondon, P. 14937
Zarean, M., Wright, J.L., Starr, R. Genesis: personal traveler information system 45823
Zareba, J. *see* Pickoszewski, J. 48115
Zarechnak, A. *see* Fink, R.T. 39694
Zarecka, R. *see* Kaminska, E. 27781
Zarem, H. *see* Pichler, D. 3559
Zarembinski, S. *see* Ramos, J. 11534
Zarete, M.O.De *see* De Zarete, M.O.
Zarinetchi, F. *see* Constable, A. 12312
Zaripov, Sh. Kh. *see* Cherepenin, N.D. 11927
Zaritskii, G.V. *see* Vodakov, Yu.A. 28663
Zarka, A. *see* Capelle, B. 20095
Zarka, A. *see* Detaint, J. 20066
Zarka, A. *see* Philippot, E. 18192
Zarki, M.El *see* El Zarki, M.
Zarlingo, B.R. *see* Blue, K.J. 23481
Zarnecki, A.F. Fast simulation of longitudinal hadron shower profiles in the ZEUS calorimeter 31735
Zarnett, G. Teaching data communications using amateur packet radio 139
Zarr, R. *see* Bowen, L. 40453
Zarrabi, J.H., Gavrilovic, P., Singh, S. Monolithic, self-frequency doubled, neodymium-doped yttrium aluminium borate green laser with low intensity noise 3475
Zarrow, P., Kopp, D. No-clean soldering 33352
Zarubin, L.A., Simma, F.Ya., Gorbachinskii, S.I., Shilin, Yu.P., Kolomiets, A.M. The PGU-350 combined-cycle plant manufactured by Turboatom 16688
Zarubin, L.I. *see* Vainberg, V.V. 15233
Zarubinskiy, M.V. *see* Poberezhskiy, E.S. 37698
Zarudi, M., Shenkman, A. Analysis of common switching converters using Z transform 18474
Zarudzki, J. *see* Szklarski, L. 16842
Zarzuela, F.J. *see* Ornstein, H.L. 32599
Zas, E. *see* Halzen, F. 38847
Zasadny, K.R., Koral, K.F., Swailem, F.M. Dead time of an Anger camera in dual-energy-window-acquisition mode 7347
Zashkvara, V.V., Ashimbaeva, B.U. Theoretical basis for the scheme of an electrostatic energy- and angle-resolved spectrograph 38938
Zasbavsky, A., Milkove, K.R., Lee, Y.H., Chan, K.K., Srern, F., Grutzmacher, D.A., Rishton, S.A., Stanis, C., Sedgwick, T.O. Fabrication of three-terminal resonant tunneling devices in silicon-based material 43028
Zasowski, B. *see* Broom, C. 16671
Zastava, A.P. Experimental investigation of the sensitivity of the mirror-shadow method in inspection of titanium disks of gas turbine engines by focusing transducers 41504
Zastre, M. *see* Finlayson, G.D. 37490
Zatari, D., Botros, N. In-vivo ultrasound liver differentiation using artificial neural network 16092
Zaturski, M.M. *see* Weber, J.K.R. 39426
Zatelepin, V.N., Bityurin, V.A. Device for direct heat energy distribution [in MHD generators] 25843
Zatelepin, V.N., Burovoi, I.A., Branover, H., Zusman, M. Dynamical phenomena in the liquid metal MHD facility of ETGAR-5 type: single loop simulation 25328
Zatelepin, V.N., Lewints, A.M. Control over the dynamics of working media parameters on the exit of oxidizer high temperature heaters of an open cycle MHD facility 25818
Zatl, C. A transformed feedback attenuator 42094
Zatti, S. *see* Molva, R. 22550
Zaugg, T.J. *see* O'Shea, P.G. 12263
Zaugg, T.J. *see* O'Shea, P.G. 43968
Zaugg, T.J. *see* White, C.J. 28893
Zaulin, I.A., Ponomarenko, V.P. Synchronous and self-excited oscillation regimes in phase-controlled multistable systems 26738
Zaulin, I.A., Ponomarenko, V.P. Dynamical operating modes and bifurcation effects in nonlinear static synchronization systems 41614
Zaumseil, P. *see* Kirscht, F.G. 2011
Zaumseil, P. *see* Kruger, D. 19504
Zaumseil, P. *see* Kuhne, H. 41428
Zaumseil, P. *see* Morgenstern, T. 18294
Zauscher, G. Accident prevention. Position switches protect man and machine 34308
Zavada, J.M., Wilson, R.G. Hydrogen implantation in III-V compound semiconductors and its redistribution with annealing 42664
Zavada, J.M., Wilson, R.G., Jenkinson, H.A., Novak, S.W., Pearton, S.J. Hydrogen incorporation and carrier reduction in hydrogenated n-GaAs:Si and p-GaAs:Zn crystals 2074
Zavada, J.M., Wilson, R.G., Novak, S.W. As-implanted and annealing behavior of H and Be implants in InP and comparison with GaAs 2050
Zavada, J.M. *see* Pearton, S.J. *(editor)* 775
Zavadil, R. *see* Le Tang 25283
Zavadska, I.V. *see* Degtyarev, N.P. 4526
Zavahir, J.M., Arrillaga, J., Watson, N.R. Hybrid electromagnetic transient simulation with the state variable representation of HVDC converter plant 24898
Zavahir, J.M., Arrillaga, J., Watson, N.R. Transient simulation of power systems in the presence of HVDC converters 47479
Zavaliagkos, G., Austin, S., Makhoul, J., Schwartz, R. A hybrid continuous speech recognition system using segmental neural nets with hidden Markov models 21672
Zavaliagkos, G., Zhao, Y., Schwartz, R., Makhoul, J. A hybrid segmental neural net/hidden Markov model system for continuous speech recognition 36620
Zavalova, V.Ye. *see* Galushkin, M.G. 11962
Zavattini, G. *see* Bertin, A. 31795
Zav'ialov, V.V., Radantsev, V.F. Tunnelling in Pb-p-HgCdTe Schottky barriers in longitudinal and transverse magnetic fields 34605
Zavidovique, B. *see* Bonnin, P. 22099
Zavidovique, B.Y. *see* Bernard, T.M. 22267
Zaviska, O., Reichel, H., Schuchardt, K. Multivariable optimization procedure for use in power plants 32633
Zavislyak, I.V. *see* Golovko, Ya.D. 11471
Zavoleas, K.P., Kokar, M.M. A model-theoretic framework for sensor data fusion 21852
Zavracky, P.M., Warner, K., Lassic, I., Green, J. Piezoresistivity of silicon-on-insulator films by zone-melting recrystallization 19464
Zavrazhnov, Yu.V. An in-phase power divider 27180
Zavrtanik, M. *see* Adam, W. 7259
Zavrtanik, M. *see* Adam, W. 31715
Zavrtanik, M. *see* Adam, W. 46929
Zawadski, A. *see* Diamantaras, K. 45227
Zawadski, P. *see* Taylor, R.P. 42781
Zawadski, Z. *see* Kuznetsov, A.A. 11932
Zawadzki, J. Currents in the converter circuits and their measurement with halotron probes 8613
Zawadzki, J. *see* Krynetski, I. 35210
Zawadzki, P. *see* Sachrajda, A. 42532
Zawadzki, P.A. *see* Liu, H. 714
Zawicki, J.L. *see* Pyszczek, M.F. 17183
Zawieska, D., Podlasiak, P. Object points detection in real time with CCD camera 23699
Zawieska, D., Podlasiak, P. Moire technique utilization for detection and measurement of scoliosis 24213
Zawirski, K. Dynamic control of self-commutated synchronous motor (SCSM) in field constant and field weakening range 16814
Zawislan, F. *see* Smith, D.R. 37168
Zayarnyi, D.A., Semenova, L.V., Ustinovskii, N.N., Kholin, I.V., Chugunov, A.Yu. Pulsed magnetic electron-beam focusing system for electron-ionization lasers 3724
Zayarnyi, D.A. *see* Dudin, A.Yu. 3431
Zayat, M. *see* Ferretti, G.F. 15883
Zayats, V.M. High-speed search for steady-state conditions in a high-frequency self-oscillator with long transition processes 41714
Zayavlin, V.R. *see* Letin, V.A. 32042
Zayhowski, J.J., Schulz, P.A., Dill, C., III, Henion, S.R. Diode-pumped composite-cavity electrooptically tuned microchip laser 28789
Zaytsev, S.A., Lebedev, V.N., Ledov, I.A., Negirev, A.S., Rodyonov, A.D., Ryzhik, E.I.,

Temnov, A.M. ISTOK achievements in solid-state microwave devices 1544
Zaza, G. *see* Bezzi, G. 33842
Zazhivikhin, V.V. *see* Gordeev, E.M. 32421
Zazo-Bello, S. *see* Paez-Borrallo, J.M. 45010
Zazoui, M. *see* Grandidier, B. 42838
Zazula, D. *see* Korze, D. 44930
Zbigniew, K. Nonlinear feedback and control strategy of the induction motor 8379
Zbinden, K. *see* Babi, J. 32977
Zborowski, J.T. *see* Dura, J.A. 9562
Zdarek, J., Pecinka, L., Joch, J. LBB technology application to the primary piping system of the NPP V1 Jaslovske Bohunice 25135
Zdarko, R. *see* Bisello, D. 15653
Zdebel, P. *see* Candelaria, J. 2648
Zdenkovic, J., Kuljic, Z., Canic, S., Perkovac, M. One method for indirect speed estimation in vector controlled induction machine drive 17461
Ze-Chun Cao, Ru-Jun Wu, Run-Sheng Song Ineffective grain boundaries and breakdown threshold of zinc oxide varistors 27323
Ze-Nian Li Stereo correspondence based on line matching in Hough space using dynamic programming 36981
Ze-Nian Li *see* Gongzhu Hu 45195
Ze-Nian Li *see* Tate, K. 36980
Ze-Xiang Zhang, Destler, W.W., Granatstein, V.L., Antonsen, T.M., Jr., Levush, B., Rodgers, J., Cheng, S. Experimental realization of millimeter-wave amplification by a sheet beam free electron laser 35643
Ze-Xiang Zhao *see* Zhao Ze-Xiang
Zebda, Y., Yousif, F. Traversal time analysis in resonant tunnelling structures 28077
Zebker, H.A. *see* Durden, S.L. 21252
Zebker, H.A. *see* Qian Lin 36921
Zebouchi, N. *see* Malec, D. 28297
Zebrowski, A. *see* Rosloniec, S. 10408
Zecchetto, S. *see* Guymer, T.H. 7606
Zecchin, P. Loadcell accuracy in process weighing—a confusion of terms 6445
Zech, G. *see* Kruse, A. 31734
Zech, G. *see* Schmidt, S. 31669
Zeddam, A. *see* Pomponi, R. 45737
Zeddam, A. *see* Vautier, M. 45744
Zedlewski, E.J. An overview of network information discovery and retrieval tools 22618
Zedlitz, R., Heintze, M., Bauer, G.H. An approach to high quality a-Ge:H by VHF deposition 26482
Zedlitz, R., Kessler, F., Heintze, M. Deposition of a-Si:H with the hot-wire technique 33714
Zedlitz, R., Lotter, E., Heintze, M. Amorphous hydrogenated silicon carbon from VHF deposition 26513
Zedlitz, R. *see* Heintze, M. 866
Zedlitz, R. *see* Heintze, M. 26481
Zedlitz, R. *see* Heintze, M. 33710
Zee, J.Van *see* Van Zee, J.
Zeeb, E. *see* Moller, B. 38095
Zeeb, E. *see* Panzlaff, K. 9641
Zeeb, E. *see* Wipiejewski, T. 20788
Zeeb, E. *see* Wipiejewski, T. 35355
Zeephongsekul, P., Venkatesan, G. Quality control of products from queues with a non-preemptive priority service discipline 33423
Zeevi, Y.Y. *see* Stanhill, D. 36841
Zeevi, Y.Y. *see* Zibulski, M. 4623
Zeevi, Y.Y. *see* Zibulski, M. 21825
Zeevi, Y.Y. *see* Zibulski, M. 22121
Zeevi, Y.Y. *see* Zibulski, M. 30084
Zeger, K. *see* Linder, T. 4387
Zeger, K. *see* Linder, T. 36517
Zegers, C. *see* van der Linden, A. 15567
Zegers, J. *see* Decaluwe, J. 33955
Zegers, P. Status of SOFC development in Europe 17325
Zegers, P. CEC research on solid Li batteries and fuel cells for road traction 48393
Zeghal, K., Ferber, J. A reactive approach for distributed air traffic control 39326
Zeghbroeck, B.Van *see* Van Zeghbroeck, B.
Zegura, E.W. Evaluating blocking probability in distributors 5165
Zegwaart, E. Privacy enhanced mail in more detail 30351
Zehana, M. *see* Zahzah, E.-H. 13555
Zehavi, E. *see* Viterbi, A.J. 45853
Zehle, S. Mobile networks in Eastern Europe 30623
Zehnder, A. *see* Zhao, S.P. 7299
Zehnder, A. *see* Zhao, S.P. 20202
Zeidler, J.R., Hewett, C.A., Nguyen, R., Zeisse, C.R., Wilson, R.G. A diamond driver-active load pair fabricated by ion implantation 19458
Zeidler, J.R. *see* Hewett, C.A. 19432
Zeidler, J.R. *see* Soni, T. 29812
Zeigarnik, V.A. *see* Aitov, N.L. 25757
Zeigarnik, V.A. *see* Sergeyenko, N.M. 25753
Zeilberger, D. Identities in search of identity 511
Zeile, C., Luder, E. Complex transmission of liquid crystal spatial light modulators in optical signal processing applications 3213
Zein, G.El *see* El Zein, G.
Zein, N. *see* Chambers, W.G. 4435
Zein, N.F., Clarkson, T.G. Optimum erasure threshold in Reed-Solomon coded differential 16 star-QAM modulation 12839
Zein El Din, A.S., Aubry, J.F., Mahmoud, S.A. 32 bits high performance single chip microcontroller MC68332 for the control of cycloconverter 8659
Zeindl, H.P., Lippert, G., Drews, J., Kurps, R., Osten, H.J. Reduction of interfacial carbon and boron contamination as sources for degradation of epitaxial SiGe layers grown by MBE 19546
Zeindl, H.P. *see* Lippert, G. 33619
Zeininger, H. *see* Muller, N. 18113
Zeira, A., Schultheiss, P.M. Realizable lower bounds for time delay estimation 21714
Zeisberg, S., Erben, H. Approximation of BER performance for adaptive 2-DPSK-RAKE receivers 5805
Zeise, F.F. *see* Guilfoyle, P.S. 3257
Zeise, F.F. *see* Guilfoyle, P.S. 3259
Zeisel, D. *see* Hampp, N. 42335
Zeisler, S.K., Ruth, T.J., Rektor, M.P. A photodiode radiation detector for PET chemistry modules 38997
Zeisse, C.R. *see* Zeidler, J.R. 19458
Zeitler, E. *see* Oldendorf, M. 24246
Zeitoun, D., Vuillon, J. Flowfield modelisation and simulation on pulsed chemical laser 11979
Zeitoun, P., Jaegle, P., Carillon, A., Dhez, P., Goedtkindt, P., Jamelot, G., Klisnick, A., Rus, B. X-UV lasers near 200 Å 43709
Zeitouni, O. *see* Dembo, A. 46062
Zeitouni, O. *see* Kulkarni, S.R. 4588
Zeitz, F.H., III, Maybeck, P.S. An alternate algorithm for discrete-time filtering 21780
Zeitz, M. *see* Vande Wouwer, A. 17612
Zeitz, R. *see* Zhu, N.Y. 15970
Zejia Jiang *see* Jiang Zejia
Zekentes, K. *see* Dimoulas, A. 2567
Zekentes, K. *see* Georgakilas, A. 740
Zekentes, K. *see* Georgakilas, A. 33625
Zekentes, K. *see* Kalboussi, A. 18188
Zekentes, K. *see* Lopez-Villegas, J.M. 1905
Zelan Li *see* Li Zelan
Zelanski, R. *see* Chao, S.-C. 14227
Zelaya, H. *see* Carter, J. 8592
Zelaya, H. *see* Smith, D.M. 2491
Zelaya, H. *see* Smith, D.M. 41643
Zelaya, O. *see* Ramirez-Bon, R. 3309
Zelaya-De La Parra, H. *see* Elmas, C. 8888
Zel'dovich, B.Ya., Bolshtyanskii, M.A., Kapitskii, Yu.E., Savchenko, A.Yu., Mochalov, I.V., Kopp, V.I. Induced second-harmonic generation in colored glasses 12341
Zel'dovich, B.Ya., Strigin, M.B., Chudinov, A.N. New method for laser cutting of transparent dielectrics 12495
Zel'dovich, B.Ya. *see* Bolshtyanskii, M.A. 12419
Zel'dovich, B.Ya. *see* Bolshtyansky, M.A. 3769
Zel'dovich, B.Ya. *see* Doohgin, A.V. 35562
Zel'dovich, B.Ya. *see* Gol'tser, I.V. 12418
Zeldovich, B.Ya. *see* Liberman, V.S. 21117
Zele, D. *see* Vyroubal, D. 23548
Zele, R.H. *see* Allstot, D.J. 1211
Zelenika, D., Marovic, D., Skoric, Z. Modification handling processes in the AXE 10 exchanges 45718
Zelenka, R.E., Swenson, H.N., Dearing, M.G., Hardy, G.H. Simulation development of a forward sensor-enhanced low-altitude guidance system 39273
Zelenkevich, R.L. *see* Golyshev, N.V. 11541
Zelenov, Ye.V. *see* Abil'siitov, G.A. 11961
Zelenskaya, O.V. *see* Burachas, S.F. 31768
Zelenski, A.N., Kokhanovski, S.A. A study of spin-exchange polarization transfer in hydrogen-rubidium collisions 31634
Zelenski, A.N., Levy, C.D.P., Schmor, P.W., van Oers, W.T.H., Dutto, G., Mori, Y. Proposal for a pulsed optically pumped polarized H^- ion source for high energy accelerators 31635
Zelenski, A.N. *see* Levy, C.D.P. 31636
Zelenski, A.N. *see* Levy, C.D.P. 31637
Zelenskii, A.N. *see* Schmor, P.W. 15580
Zelikman, M.A., Katkov, A.S., Krzhimovskii, V.I., Kozyrev, S.V., Tretyakov, V.V. Peculiarities of Josephson effect in Y-Ba-Cu-O bridge in magnetic and microwave fields 2894
Zelikson, M. *see* Haridim, M. 34540
Zelingher, S. *see* Meliopoulos, A.P.S. 25062
Zelinka, J. *see* Walachova, J. 42458
Zelinski, B.J.J. *see* Birnie, D.P., III 11815
Zelinskiy, D.I. The noise immunity of the multichannel receiver of a frequency-phase data transmission system 5301
Zelinsky, A., Karnaukhov, I., Kononenko, S., Strelkov, M., Tarasenko, A. Simulation of correction for PSR-2000 dynamic aperture 7037
Zelinsky, A., Karnaukhov, I., Shcherbakov, A. A polarized electron beam in the pulse stretcher ring PSR-2000 7036
Zelinsky, A. *see* Efimov, S. 15384
Zelinsky, A. *see* Gladkikh, P. 15400
Zelinsky, A. *see* Gladkikh, P. 15562
Zelinsky, N.I. *see* Slavin, V.S. 25831
Zeljko, M. *see* Tomasic, D. 24856
Zeller, M.V. *see* Petit, J.B. 10746
Zeller, T. *see* Eberl, G. 29066
Zellers, J.R. *see* Bloom, A.R. 23760
Zellini, P. *see* Bergamaschi, L. 9455
Zellweger, P.T. *see* Buchanan, M.C. 5327
Zelniker, G., Tayor, F.J. Advanced digital signal processing. Theory and applications 26041
Zelter, G.R. *see* Lim, H.S. 40441
Zeltser, A.M., Jagielinski, T.M. Thin film multilayers for magnetic heads 43300
Zema, N. *see* Lama, F. 31812
Zeman, M. *see* Tao, G. 33055
Zeman, M. *see* Tao, G. 33062
Zemanian, A.H. The validity of Kirchhoff's laws for a class of nonlinear transfinite networks 18450
Zemel, J.N. *see* Xiang-Zheng Tu 15048
Zemel, J.N. *see* Yu, D. 14941
Zemin Liu *see* Liu Zemin
Zeming Yang *see* Yang Zeming
Zemlyanykh, V.V. *see* Sherstobitov, V.E. 21056
Zemon, S. *see* Pedersen, B. 3511
Zen, L. *see* Sadhu, D. 25193
Zen Chen, Shinn-Ying Ho, Din-Chang Tseng Polyhedral face reconstruction and modeling from a single image with structured light 22027
Zen Hong Bor *see* Bor Zen Hong
Zenchenko, S.A., Konchakov, P.D., Leshkevich, S.V., Pranovich, V.I. Optical logic elements based on a three-beam laser 43592
Zeng, B., Neuvo, Y. Interpolative BTC image coding with vector quantization 22028
Zeng, G.L. *see* Gullberg, G.T. 15742
Zeng, G.L. *see* Weng, Y. 15741
Zeng, J.Y. *see* Guo, W.Y. 5869
Zeng, R.R. *see* Shen, H.Y. 12055
Zeng, W. *see* Bausch, H. 40628
Zeng, W. *see* Bausch, H. 40631
Zeng, X., Bielak, J. Stability assessment of a unified variational boundary integral method applicable to thin scatterers and scatterers with corners 26378
Zeng, X., Bowron, P. An alternative IMD prediction technique for active filters 42035
Zeng, Y. *see* Lubelsmeyer, K. 46971
Zeng, Z.D. *see* Shen, H.Y. 12055
Zeng Hua-qing The management protocol and security architecture of network operator terminal in a packet switched network 5496
Zeng Hui *see* Chen Hongfang 15624
Zeng Jianchao *see* Jianchao Zeng
Zeng Jianer, Li Xiaodong Antenna design and optimization of coupling for ICRH on the HL-1M 21386
Zeng Jin-Ping, Li Dong-Hui Convergence of multigrid iterative solutions for symmetric copositive linear complementarity problems 41176
Zeng Ken-Cheng *see* Ken-Cheng Zeng
Zeng Qingfu *see* Li Zhongwei 6271
Zeng Quan-Kun *see* Fu Pan 46603
Zeng Sun *see* Sun Zeng
Zeng Xianghui *see* Xianghui Zeng
Zeng Xiao Jun, Zhiliang Hong A full-custom-designed receiver-stimulator chip for a multiple-channel hearing prosthesis 24364
Zeng Xiaoyan, Zhu Beidi, Tao Zengyi, Fang Dachun, Cui Kun Investigation of auto-feeding powder apparatus and technology for laser cladding 12494
Zeng Xuegang, We Wanchun, Li Haijiang Frequency-domain analyses of microwave diodes converters 34234
Zeng Yike *see* Yike Zeng
Zeng Yiping *see* Liang Jiben 41247
Zeng Yonghuang *see* Yonghuang Zeng
Zeng Yun *see* Shi Enze 1587
Zeng Zhnegdong *see* Wu Ruifen 12317
Zeng-Pu Xu *see* Xu Zeng-Pu
Zeng-Quan Xue *see* Xue Zeng-Quan
Zeng-Zhong Liu *see* Nakao, Z. 17957
Zenger, C. *see* Bungartz, H. 26375
Zengerle, R., Bruckner, H.J., Hubner, B., Weiershausen, W. Low-loss beamwidth transformers on InP with reduced requirements on lithographic resolution 28683
Zengerle, R., Bruckner, H.J., Kuphal, E., Leminger, O., Weiershausen, W., Huber, B. Low loss fibre-chip-fibre butt coupling by buried nonlinearly tapered InP/InGaAsP waveguides 35451
Zengerle, R., Leminger, O. Propagation of Gaussian beams in singly and doubly periodic dielectric waveguides 12663
Zengerle, R. *see* Kaden, C. 34856
Zengji Liu *see* Liu Zengji
Zengjun Xiang *see* Xiang Zengjun
Zengsun Jin *see* Jin Zengsun
Zenguo Ma *see* Ma Zenguo
Zengyao Fei *see* Fei Zengyao
Zengyi Tao *see* Tao Zengyi
Zeni, L. *see* Breglio, G. 15220
Zeni, L. *see* Cutolo, A. 28932
Zenios, S.A. *see* Nielsen, S.S. 26328
Zenisek, A. Variational problems in domains with cusp points 26373
Zenner, T. *see* Pfeifer, T. 40851
Zenoni, N. *see* Stroppiana, M. 14776
Zenteno, L. High-power double-clad fiber lasers 20688
Zentner, A. *see* Lifshitz, Y. 33334
Zenzo, S.Di *see* Di Zenzo, S.
Zeppa, P., Dodaro, A., Frazzoli, F.V., Remetti, R. Pulse correlation study: development of a special dating system 38874
Zeppenfeldt, F., Borger, J., Koppes, A. Optimal thresholding in wavelet image compression 22117

Zeqi Pan *see* Shijun Jiang 35855
Zeqi Pan *see* Shijun Jiang 35890
Zer-Zion, D. *see* O'Shaughnessy, K. 47008
Zerbini, F. *see* Lo Nigro, F. 47723
Zergioti, G. *see* Franghiadakis, Y. 18245
Zerguine, D. *see* Alexandre, F. 42882
Zerhouni, W. *see* Arianer, J. 23993
Zernike, F. *see* MacDowell, A.A. 27832
Zerr, B. *see* Maillard, E. 21993
Zerrik, E. *see* El Jai, A. 14987
Zerubia, J., Chellappa, R. Mean field annealing using compound Gauss-Markov random fields for edge detection and image estimation 5117
Zervakis, M.E. *see* Kwon, T.M. 22180
Zervas, M.N., Laming, R.I., Payne, D.N. Efficient erbium-doped fibre amplifiers incorporating an optical isolator 3506
Zervas, M.N., Laming, R.I., Townsend, J.E., Payne, D.N. Design and fabrication of high gain-efficiency erbium-doped fibre amplifiers 3516
Zervas, M.N. *see* Townsend, J.E. 2963
Zervos, N.G. Updated design and economics of the Kalina cycle for solid fuel applications 32749
Zesch, J.C. *see* Hadimioglu, B. 16089
Zesheng Shi *see* Shi Zesheng
Zeskind, R.M. *see* Cox, H. 30927
Zetsche, F. *see* Barber, D.P. 31578
Zetschel, F., Bruckner, W., Duren, M. Online optimization of electron spin polarization at HERA 46800
Zetta, L. *see* Dellera, P. 15200
Zetterling, C.-M. *see* Lundberg, N. 19415
Zetti, F. *see* Amidei, D. 46890
Zetti, F. *see* Bellamy, E.H. 31733
Zetti, F. *see* Bellamy, E.H. 46956
Zetti, F. *see* Tkaczyk, S. 46989
Zettler, J.-Th. *see* Becker, F. 28092
Zettler, J.-Th. *see* Carius, R. 27458
Zetzsche, C. *see* Barth, E. 5119
Zetzsche, C. *see* Wegmann, B. 13816
Zeumann, J. *see* Bertram, W. 15312
Zeuner, S. *see* Huggard, P.G. 23642
Zeungnam Bien *see* Hyung Keun Ryu 8155
Zeungnam Bien *see* Sung Rak Kim 17816
Zeungnam Bien *see* Sung Rak Kim 23296
Zevgolatakos, E. *see* Adam, W. 7259
Zevgolatakos, E. *see* Adam, W. 31715
Zevgolatakos, E. *see* Adam, W. 46929
Zevnik, C. *see* Voncina, D. 17092
Zexiang Cai *see* Cai Zexiang
Zeyer, F. *see* Weiss, M. 37547
Zeyfang, E. *see* von Bulow, H. 11957
Zezhong Wang *see* Wang Zezhong
Zganjar, E.F. *see* Joshi, P.K. 7209
Zgierski, J.R., Oommen, B.J. SEATER: a simulation environment using learning automata for telephone traffic routing 22475
Zgierski, J.R., Oommen, B.J. SEATER: an object-oriented simulation environment using learning automata for telephone traffic routing 45478
Zgonc, K., Grabec, I., Sachse, W. Solution of a simple inverse source characterization problem using associative recall 18380
Zgonik, M. *see* Cudney, R.S. 20073
Zgraja, J., Bereza, J. Temperature distribution at induction heating of large steel disks 48488
Zha, H. *see* Barlow, J.L. 33501
Zha Hong-Bin *see* Hong-Bin Zha
Zhaboev, M.N., Ozerov, M.I., Kosintsev, V.A., Chumak, V.V. Improving the tractional drive of contact mine electric locomotives 40689
Zhaboev, M.N. *see* Bratash, V.A. 40686
Zhai, H.C., Chavel, P., Chataux, F., Mallick, S., Premont, G., Johnson, K.M. Optically addressed spatial light modulator: applications to spatial filtering 11695
Zhai, H.C., Chavel, P., Seyd-Darwish, I., Taboury, J. Multiplexed optical access to a VLSI circuit through a holographic microlens array 44146
Zhai, H.R. *see* Gu, B.X. 11463
Zhai, L., Lowery, A.J., Ahmed, Z. Diffraction grating model for transmission-line laser model of actively mode-locked semiconductor lasers 35806
Zhai, L., Lowery, A.J., Ahmed, Z. Detuning characteristics of mode-locked semiconductor lasers with a chirped fibre-grating external cavity 35852
Zhai, L. *see* Ahmed, Z. 12157
Zhai, L. *see* Ahmed, Z. 35832
Zhai, L. *see* Ahmed, Z. 35851
Zhai, L. *see* Lowery, A.J. 20872
Zhai, T. *see* Gale, D.C. 12400
Zhai Gang *see* Zhong Ming 28723
Zhai Xiaoling *see* Xiaoling Zhai
Zhaiguang Li *see* Li Zhaiguang
Zhakharova, A., Ryzhii, V., Pesotzkii, V. Semiclassical interband tunnelling probability in semiconductor heterostructures 19392
Zhan, J. *see* Chylek, P. 12601
Zhan, Q., Minemoto, T. Successful pattern matching with a large number of reference patterns using a joint Fourier-transform correlator 4857
Zhan, Q., Mitsue, M., Minemoto, T. Method for multilevel threshold of binarization in a hybrid joint Fourier-transform correlator 4784
Zhan De-Chen, Gong Sheng-Rong, Chen Jing-Chun Detection and identification of multiple moving targets 29836
Zhan Ding, Jiadong Huang The microwave measurement of surface roughness 31397
Zhan Jian, Xu BingZhen Self-learning forward neural network to realize adaptive FIR filter 1326
Zhan Puming, Wang Zuoying, Lu Dajin Improvement of Hidden Markov Model for speech recognition 21643
Zhan Puming, Wang Zuoying, Lu Dajin Improvement of hidden Markov model for speech recognition 44751
Zhan Qiong *see* Qiong Zhan
Zhan Qiong-hua *see* Shaw Qiang-hui 40571
Zhan Qionghua Theoretic analysis of the reason for energy conversion ratio more than 0.5 in non-saturating SR machine 40149
Zhan Qionghua *see* Wu Jianhua 8346
Zhan Qionghua *see* Wu Jianhua 40148
Zhan Yuanling, Lu Mingzhe, Liu Weimin, Mu Guoguang All optical associative memory adopting orthogonal reference lights 21115
Zhan-Ming Li *see* Wong, S.A. 19721
Zhanchun Li *see* Xinghua Feng 40223
Zhang, B., Ma, T.P. Latch induced hot-carrier effects in fully-depleted and partially-depleted SIO/NMOSFET's 19836
Zhang, B., Maher, D.M., Denker, M.S., Ray, M.A. Stability of ultra-thin gate oxides with boron doped polysilicon gate structures after rapid thermal annealing 2064
Zhang, B., Sato, S. A new time-frequency distribution and its application to speech signal processing 13085
Zhang, B., Sato, S. A time-frequency distribution of Cohen's class with a compound kernel and its application to speech signal processing 36601
Zhang, B. *see* De Martinis, C. 15510
Zhang, B. *see* Li, H. 25878
Zhang, B.R. *see* Zhang, L.Z. 19572
Zhang, C., Blarre, L., Walser, R.M., Becker, M.F. Mechanisms for laser-induced functional damage to silicon charge-coupled imaging sensors 6568
Zhang, C., von Seggern, H., Pakbaz, K., Kraabel, B., Schmidt, H.W., Heeger, A.J. Blue electroluminescent diodes utilizing blends of poly(p-phenylphenylene vinylene) in poly(9-vinylcarbazole) 20557
Zhang, C. *see* Aratani, S. 3359
Zhang, C. *see* Saricifici, N.S. 20513
Zhang, C. *see* Song, Q.W. 20998
Zhang, C. *see* Yu, G. 43656
Zhang, C.Q., Stuffle, R.E., Stuffle, L.R. Analytical method for transformer fault detection 25504
Zhang, D., Elmasry, M. A VLSI neural network design approach using a priori knowledge 10384
Zhang, D., Jullien, G., Miller, W., Elmasry, M. A pipelined VLSI arithmetic architecture 10126
Zhang, D., Rahmat-Samii, Y., Fetterman, H.R., Prakash, S., Bunshah, F.R., Eddy, M., Nilsson, J.L. Application of high T_c superconductors as frequency selective surfaces: experiment and theory 21381
Zhang, D., Reed, F.E., Zhang, T., Edwards, N.V., Kolbas, R.M. Two-terminal bias induced dual wavelength semiconductor light emitter 20544
Zhang, D. *see* Fetterman, H.R. 27247
Zhang, D. *see* Hwang, Y. 3643
Zhang, D. *see* Martens, J.S. 6757
Zhang, D.H., Brodie, D.E. Effects of annealing ZnO films prepared by ion-beam-assisted reactive deposition 18241
Zhang, D.H., Radhakrishnan, K., Yoon, S.F. The effect of As/Ga flux ratio on Si-doped GaAs layers grown by molecular beam epitaxy 41258
Zhang, D.H. *see* Yoon, S.F. 699
Zhang, F. *see* Beides, H. 24769
Zhang, F. *see* Meliopoulos, A.P.S. 25062
Zhang, F.J., Baath, L.B., Spencer, R.E. 1404+286: a non-ideal calibrator for VLBI observations 38194
Zhang, G., Asonen, H., Pessa, M. Gas-source molecular beam epitaxy growth of $Ga_xIn_{1-x}As_yP_{1-y}$ on GaAs for photonic and electronic applications 9652
Zhang, G., Austin, W.J., Wallace, A.M. Combining depth and intensity processing for scene description and object recognition 45168
Zhang, G., McGee, W.F. Perfect reconstruction analysis/synthesis systems based on the FIFB filter banks 21746
Zhang, G., Nappi, J., Pessa, M. GaAs/GaInAsP quantum well lasers grown by gas-source molecular beam epitaxy 33621
Zhang, G., Ovtchinnikov, A., Nappi, J., Asonen, H. Characteristics and growth of strained-layer InGaAs/GaInAsP/GaInP quantum well lasers 12128
Zhang, G., Ovtchinnokov, A., Nappi, J., Asonen, H., Pessa, M. Optimization and characteristics of Al-free strained-layer InGaAs/GaInAsP/GaInP SCH-QW lasers ($\lambda \sim 980$ nm) grown by gas-source MBE 12187
Zhang, G., Ovtchinnikov, A., Pessa, M. Interfacial quality of strained-layer InGaAs/GaAs quantum well lasers grown by gas-source molecular beam epitaxy 12211
Zhang, G., Pessa, M. Thermal processing of strained-layer InGaAs/GaAs quantum well interface 34561
Zhang, G., Shvets, G., Wurtele, J.S. Numerical study of free-electron lasers with reversed guide field 28885
Zhang, G., Wallace, A. Physical modeling and combination of range and intensity edge data 13616
Zhang, G. *see* Javidi, B. 3214
Zhang, G. *see* Nappi, J. 35897
Zhang, G. *see* Pessa, M. 12242
Zhang, G. *see* Wallace, A. 45163
Zhang, G.F., Gautier, J.L. Novel floating active inductor for MMIC circuits 27304
Zhang, G.F., Zheng, X., Liu, Z.T. Nucleation and growth behaviour of diamond films deposited on chemically etched titanium alloy substrates 9723
Zhang, H., Fisher, T. Preliminary measurement of the RMTP/RTIP 14173
Zhang, H., Galea, S.C., Chiu, W.K., Lam, Y.C. An investigation of thin PVDF films as fluctuating-strain-measuring and damage-monitoring devices 26543
Zhang, H., Mulhall, B.E. Transputer based current-forced control of a reversible rectifier 8664
Zhang, H., Wilson, D.E., Rouse, G.H. Image analysis and ultrasound techniques for prediction of intramuscular fat of live beef animals 15805
zhang, H. *see* Asada, K. 18669
Zhang, H. *see* Tso, S.K. 8797
Zhang, H.Y., He, X.H., Shih, Y.H., Yan, L. Picosecond phase conjugation and two-wave coupling in strontium barium niobate 44129
Zhang, H.Y. *see* Shih, Y.H. 20989
Zhang, H.Z., Beard, E., Mohan, A.S., Belcher, W.R. Rectangular waveguide with two symmetrically placed double L-septa 12677
Zhang, H.Z., Gao, J.Y., Jin, G.X., Guo, X.Z., Jiang, Y. Determination of dynamical parameters of a CO_2 laser by fitting theoretical equation with experimental data 11948
Zhang, J. Performance study of Markov modulated fluid flow models with priority traffic 5197
Zhang, J., Cui, G.-J., Gordon, D., Van Buskirk, P., Steinbeck, J. Plasma enhanced metalorganic chemical vapor deposition of conductive oxide electrodes for ferroelectric $BaTiO_3$ capacitors 26517
Zhang, J., Hui, S.Y.R. A naturally commutated resonant circuit for soft-switched inverters 8560
Zhang, J., Hunter, G.P., Ramsden, V.S. A single phase input cycloconverter driving a three phase motor 8855
Zhang, J., Key, M.H. O VIII X-ray recombination lasers driven by Vulcan CPA beam 3454
Zhang, J., Key, M.H. Photopumped Balmer β X-ray lasers 3455
Zhang, J., Key, M.H. High gain recombination O VIII X-ray laser 20651
Zhang, J. *see* Ahmad, R. 5304
Zhang, J. *see* Allam, M. 22123
Zhang, J. *see* Bhagavathi, D. 43070
Zhang, J. *see* Cairns, G. 35648
Zhang, J. *see* Flower, G. 14516
Zhang, J. *see* Guan, L. 7832
Zhang, J. *see* Joyce, B.A. 33615
Zhang, J. *see* Li, Y. 43740
Zhang, J. *see* Peng, X.L. 7831
Zhang, J. *see* Ramsden, V.S. 8820
Zhang, J. *see* Rose, J.L. 7403
Zhang, J. *see* Squillante, M.R. 7188
Zhang, J. *see* Stahle, C.K. 24129
Zhang, J. *see* Xue, S.Q. 35279
Zhang, J.-G. Performance of fibre-optic time-division multiple access systems 30725
Zhang, J.-G. Improvement in bandwidth efficiency of asynchronous prime-code CDMA networks by error correction coding 46015
Zhang, J.-G., Picchi, G. Self-synchronised all-optical time-division multiple-access broadcast network 5982
Zhang, J.-G. *see* Kwong, W.C. 44739
Zhang, J.D. *see* Chang, F.C. 9297
Zhang, J.M. *see* Wang, H.B. 34245
Zhang, J.P., Wilson, R.J., Hemment, P.L.F., Claverie, A., Cristiano, F., Salles, P., Wen, J.Q., Evans, J.H., Peaker, A.R., Parker, G.J. Regrowth behaviour of $Si_{1-x}Ge_x$/Si structures formed by Ge^+ ion implantation and post amorphisation 33597
Zhang, J.R. *see* Harshavardhan, K.S. 43340
Zhang, J.S. *see* Ahmad, R. 13980
Zhang, J.X. *see* Ngai, P.Y. 15227
Zhang, J.Y., Huang, J.Y., Shen, Y.R., Chen, C. Optical parametric generation and amplification in barium borate and lithium triborate crystals 3855
Zhang, K., Miller, D.L. Effect of LT GaAs on epitaxial Al/GaAs Schottky diode characteristics 1949
Zhang, K., Wen-Yen Hwang, Miller, D.L., Kapitan, L.W. Carbon doping of GaAs and (In,Ga)As in solid source molecular beam epitaxy using carbon tetrabromide 676
Zhang, K.Q., Claesson, J., Johansen, L.A. A comparison between QAM-subcarrier and TDM IM/DD for HDTV distribution over optical fibers 30979

Zhang, L., Cartledge, J.C. Influence of mode competition on the fast wavelength switching of three-section DBR lasers 28869
Zhang, L., Deering, S., Estrin, D., Shenker, S., Zappala, D. RSVP: a new resource ReSerVation Protocol 5232
Zhang, L., Galindo, M., Marquie, D., Raynaud, Y. Generating transfer frame of CCSDS recommendations using transputers and OCCAM 5434
Zhang, L., Ivey, D.G. Direct deposition reactions between nickel and silicon substrates 27577
Zhang, L. *see* James, S.W. 3830
Zhang, L. *see* Jamin, S. 5335
Zhang, L. *see* Li, H. 25878
Zhang, L.M., Carroll, J.E., Tsang, C. Dynamic response of the gain-coupled DFB laser 12158
Zhang, L.M. *see* Carroll, J.E. 20851
Zhang, L.M. *see* Nowell, M.C. 43917
Zhang, L.X. *see* Shao, K. 33997
Zhang, L.Z., Mao, J.C., Zhang, B.R., Zhu, W.X., He, Y.L., Song, H.Z., Duan, J.Q., Qin, G.G. Effect of laser illumination on oxidization of porous silicon 19572
Zhang, M., Nakayama, Y., Nonoyama, S., Wakita, K. Relationship between film quality and deposition rate for a-Si:H by ECR plasma CVD 33712
Zhang, M., Zhao-Da Zhu Compensation for unknown mutual coupling in bearing estimation 13205
Zhang, M. *see* Balewski, K. 46775
Zhang, M. *see* Devos, F. 6558
Zhang, M. *see* Jovanovic, M.M. 41664
Zhang, M. *see* Li, Z.S. 10966
Zhang, M. *see* Sun, X. 3865
Zhang, M. *see* Weiland, T. 46743
Zhang, N. *see* Krodkiewski, J.M. 40083
Zhang, N. *see* Liu, M.G. 28424
Zhang, N.-S. *see* Murakami, A. 7247
Zhang, P. *see* Li, M. 46755
Zhang, P.L. *see* Caussyn, D.D. 38778
Zhang, P.L. *see* Huang, H. 23976
Zhang, P.L. *see* Li, D. 6973
Zhang, P.Z. *see* Manaf, A. 20134
Zhang, Q., Basseville, M., Benveniste, A. Early warning of slight changes in systems 17785
Zhang, Q., Hoefer, W.J.R. TLM computation of an iris-coupled waveguide cavity — a canonical problem 42129
Zhang, Q., Morse, R.F., Reinhart, L., Kilian, A. Temperature dependence of effective cutoff wavelength in depressed clad single mode fibers 3041
Zhang, Q. *see* Manney, S.L. 26613
Zhang, Q. *see* Manney, S.L. 29224
Zhang, Q.J. *see* Liu, R.L. 28228
Zhang, Q.M., Wang, H., Cross, L.E. Piezoelectric tubes and 1-3 type tubular composites as tunable actuators and sensors 20076
Zhang, Q.M. *see* Hu, J. 42879
Zhang, R., Pellegrini, C., Rosenzweig, J., LeSage, G., Hartemann, F., McDermott, D., Joshi, C., Luhmann, N., Pierini, P., de Salvo, L., Bonifacio, R. A millimeter wave FEL driven by a photocathode RF linac 43690
Zhang, R. *see* Agrawal, A. 3200
Zhang, R. *see* Hartman, S.C. 38818
Zhang, R. *see* Rosenzweig, J. 42357
Zhang, R.S. *see* Gover, A. 35903
Zhang, S., Brodie, D.E. GaN films prepared by ECR plasma-assisted deposition 34524
Zhang, S., Kawasima, T., Aoki, Y. A two-cascaded filtering method for the enhancement of X-ray CT image 31877
Zhang, S., Lin, S., Chen, C. Optical parallel fuzzy logic implementations using shadow-casting 11720
Zhang, S. *see* Creath, K. 6779
Zhang, S. *see* Gramsch, E. 23998
Zhang, S.-L. *see* Karlin, T.E. 19631
Zhang, S.K., Sugioka, K., Fan, J., Toyoda, K., Zou, S.C. Studies on excimer laser doping of GaAs using sulphur adsorbate as dopant source 27641
Zhang, S.L., O'Reilly, J.J. EDFA custom-coded simulation block for use in WDM system studies 3526
Zhang, S.L. *see* Appleton, C.J. 14814
Zhang, S.L. *see* Liu, Y.L. 28505
Zhang, T. *see* Fortuna, G. 6906
Zhang, T. *see* Hwang, Y. 3643
Zhang, T. *see* Zhang, D. 20544
Zhang, W. Bistatic scattering of microwave and millimeter wave by a melting layer of precipitation 21263
Zhang, W., Asplund, G., Aberg, A., Jonsson, U., Loof, O. Active DC filter for HVDC system—a test installation in the Konti-Skan DC link at Lindome converter station 24899
Zhang, W., Bathe, P. Improved measures for motion compensated frame rate conversion 36852
Zhang, W., Milor, L. A neural network based approach for surveillance and diagnosis of statistical parameters in IC manufacturing process 9227
Zhang, W. *see* Majithia, J.C. 30439
Zhang, W. *see* Popov, B.N. 8737
Zhang, W.J. *see* Shen, H.Y. 12055
Zhang, W.Q. *see* Gu, X.P. 25081
Zhang, X. Instant Video and Full Service Network 38348
Zhang, X., Cavenor, M.C., Arnold, J.F. Adaptive quadtree coding of motion-compensated image sequences for use on the broadband ISDN 5589
Zhang, X., Dai, S. Designs of Chebyshev-type complex FIR filters and digital beamformers with linear-phase characteristics 36705
Zhang, X., Ding, K. Capacitance-time transient characteristics of pulsed MOS capacitor application in measurement of semiconductor parameters 10770
Zhang, X., Iwakura, H. Design of digital allpass networks based on the eigenvalue problem 27086
Zhang, X., Kramer, S.L., Wachtel, J. Optics of beam transport in the NSLS UV-FEL 15408
Zhang, X., Zhou, X., Sturzebecher, D.J., Daryoush, A.S. Design of an optically synchronized oscillator for optically controlled phased array antennas 4346
Zhang, X. *see* Dabral, S. 294
Zhang, X. *see* Ebskamp, F. 38130
Zhang, X. *see* Ghisoni, M. 1921
Zhang, X. *see* Harrison, G.H. 15899
Zhang, X. *see* Hu, A. 9228
Zhang, X. *see* Lin, J.Y. 26748
Zhang, X. *see* Liu, W.-T. 26185
Zhang, X. *see* Ni, T.-D. 28822
Zhang, X.-C., Jin, Y., Hewitt, T.D., Sangsiri, T., Kingsley, L., Weiner, M. Terahertz radiation from electro-optic crystals 44182
Zhang, X.-C., Jin, Y., Ware, K., Ma, X.F., Rice, A., Bliss, D., Larkin, J., Alexander, M. Difference-frequency generation and sum-frequency generation near the band gap of zincblende crystals 28986
Zhang, X.-D., Zhang, Y.-S. Singular value decomposition-based MA order determination of non-Gaussian ARMA models 4622
Zhang, X.-M. *see* Seberry, J. 21563
Zhang, X.-S. *see* Sturzebecher, D.J. 19036
Zhang, X.H., Ma, H.L., Blanchetiere, C., Lucas, J. Low loss optical fibres of the tellurium halide-based glasses, the TeXglasses 3012
Zhang, X.K., Zhu, J.Z., Wang, R., Liu, X.H., Yao, Y.F., Wu, J.L. Diamond films as substrates for glucose sensors 38575
Zhang, X.X., Bass, M., Chai, B.H.T. Spectroscopy of Yb,Ho codoped KYF_4 and its application as up-conversion green laser 20736
Zhang, X.X., Bass, M., Villaverde, A.B., Lefaucheur, J., Pham, A., Chai, B.H.T. Spectroscopy and lasing performance of a new solid state laser crystal—Nd:$GdLiF_4$ 20729
Zhang, X.X., Loutts, G.B., Bass, M., Chai, B.H.T. Growth of laser-quality single crystals of Nd^{3+}-doped calcium fluorapatite and their efficient lasing performance 20684
Zhang, X.X., Tejada, J. Magnetic relaxation phenomena in CrO_2 digital compact cassette magnetic tapes 35230
Zhang, X.X., Villaverde, A.B., Bass, M., Lutts, G., Chai, B.H.T. Spectroscopy and lasing performance of Nd^{3+} doped $Ca_5(PO_4)_3F$ 20732
Zhang, X.X. *see* Loutts, G.B. 18126
Zhang, X.X. *see* Munin, E. 3836
Zhang, X.X. *see* Nicholls, J.F.H. 20730
Zhang, X.X. *see* Schmaul, B. 20737
Zhang, Y., Baruch, N., Wang, W.I. AlAs/AlGaAs X-valley quantum-well normal-incidence infrared detectors on Si substrates 46444
Zhang, Y., Chen, G.P., Malik, O.P., Hope, G.S. A multi-input power system stabilizer based on artificial neural networks 32310
Zhang, Y., deSilva, C.J.S., Togneri, R., Alder, M., Attikiouzel, Y. A multi-HMM isolated word recognizer 13056
Zhang, Y., Fang, X.D. A new method for sampling inspection by variables under undesired measurement conditions 17953
Zhang, Y., Handel, P.H. General discussion of coherent quantum 1/f noise in smaller semiconductor samples 10641
Zhang, Y., Joines, W.T., Jirtle, R.L., Samulski, T.V. Theoretical and measured electric field distributions within an annular phased array: Consideration of source antennas 24333
Zhang, Y., Nokali, M.El. DYNA—a hydrodynamics simulator for two-valley semiconductor devices 19718
Zhang, Y., Raman, N., Bailey, J.K., Brinker, C.J., Crooks, R.M. A new sol-gel route for the preparation of nanometer-scale semiconductor particles that exhibit quantum optical behavior 786
Zhang, Y. *see* Burzynski, R. 20234
Zhang, Y. *see* Dong, X. 19901
Zhang, Y. *see* Kiraly, L. 41660
Zhang, Y. *see* Kiraly, L. 44264
Zhang, Y. *see* Kirlin, R.L. 12600
Zhang, Y. *see* Oehrlein, G.S. 42711
Zhang, Y. *see* Oehrlein, G.S. 42712
Zhang, Y. *see* Shao, J. 32395
Zhang, Y. *see* Togneri, R. 4568
Zhang, Y.-Q. *see* Jabbari, B. 4814
Zhang, Y.-S. *see* Zhang, X.-D. 4622
Zhang, Y.J. Segmentation evaluation and comparison: a study of various algorithms 30069
Zhang, Y.J., Gerbrands, J.J. On the design of test images for segmentation evaluation 13782
Zhang, Y.M., Winkler, D., Nilsson, P.A., Claeson, T. Flux-flow transistors based on long $YBa_2Cu_3O_{7-\delta}$ bicrystal grain boundary junctions 43347
Zhang, Y.T., Rolston, W.A., Rangayyan, R.M., Frank, C.B., Bell, G.D. Wavelet transform analysis of vibroarthrographic (VAG) signals obtained during dynamic knee movement 15699
Zhang, Y.Y., Wang, P.S.P. Analytical comparison of thinning algorithms 45202
Zhang, Y.Z. *see* Lu, H.B. 33716
Zhang, Z. Registration of free-form surfaces represented by point sets 45061
Zhang, Z., Grattan, K.T.V., Palmer, A.W. Phase-locked detection of fluorescence lifetime 6536
Zhang, Z., Hartmann, H.L. Enhanced engineering of packet switching networks subject to capacity and reliability constraints 5160
Zhang, Z., Liu, Y.-J. Performance analysis of multiple access protocols for CDMA cellular and personal communications services 5817
Zhang, Z., Liu, Y.-J. Comments on 'The effect of capture on performance of multichannel slotted ALOHA systems' 22349
Zhang, Z., Sarhadi, M. A neural network for the segmentation of textured images 13676
Zhang, Z., Swift, G., Molinski, T., Wong, G. Transformer overload with user-defined characteristic 32896
Zhang, Z., Yagi, T. Observation of group delay dispersion as a function of the pulse width in a mode locked Ti:sapphire laser 12057
Zhang, Z., Yagi, T. Dual-wavelength synchronous operation of a mode-locked Ti:sapphire laser based on self-spectrum splitting 20753
Zhang, Z. *see* Acampora, A.S. 5464
Zhang, Z. *see* McLaren, P.G. 32493
Zhang, Z. *see* Mallat, S. 13302
Zhang, Z. *see* Tanone, A. 43553
Zhang, Z. *see* Xia, X.-G. 13357
Zhang, Z. *see* Xia, X.-G. 21827
Zhang, Z. *see* Xia, X.-G. 29705
Zhang, Z. *see* Xia, X.-G. 44836
Zhang, Z. *see* Yong, Y.-K. 11395
Zhang, Z. *see* Yong, Y.-K. 20097
Zhang, Z.-C., Ooi, B.-T. Multimodular current-source SPWM converters for a superconducting magnetic energy storage system 8786
Zhang, Z.-Q., Sheng, P. Wave localization in random networks 29269
Zhang, Z.L., Nishioka, M., Weisbuch, C., Arakawa, Y. Demonstration of confined optical field effect in a vertical microcavity by examining the low temperature photon-exciton interaction in two kinds of quantum wells 35923
Zhang, Z.L. *see* Shaw, K.A. 27620
Zhang, Z.Lisa *see* Lisa Zhang, Z.
Zhang, Z.Q. *see* Xu, Z.Z. 35688
Zhang, Z.X., Granatstein, V.L., Destler, W.W., Levush, B., Antonsen, T.M., Jr., Rodgers, J., Cheng, S. First operation of a 94 GHz, sheet beam, FEL amplifier 43692
Zhang, Z.Z. *see* Momoh, J.A. 24930
Zhang Aihua *see* Huo Yujing 20668
Zhang Aihua *see* Huo Yujing 20672
Zhang Baocheng *see* Chen Chia-Erh 15500
Zhang Baozheng, Lin Meirong, Li Jiangwei, Yao Hejun, Zhang Guangyin Experimental study on solid laser resonator with fundamental mode and stable-power output 20704
Zhang Bei *see* Xing Qijiang 18211
Zhang Beichao *see* Beichao Zhang
Zhang Bingjun *see* Bingjun Zhang
Zhang Bo *see* Bo Zhang
Zhang Bojun *see* Bojun Zhang
Zhang Boming *see* Deng Youman 24817
Zhang Boming *see* Li Bo 24779
Zhang Chao-Jun *see* Gao Jie 31375
Zhang Cheng-Rui, Sun Xiang-Chun, Li Chun-Yan Computer-based measuring system of transmission accuracy of machine tool 31100
Zhang Cheng-Sheng *see* Cheng Xiao-Hua 40204
Zhang Chengsheng *see* Chengsheng Zhang
Zhang Chunming *see* Chunming Zhang
Zhang Cunhao *see* Feng Hao 12017
Zhang Cunhao *see* Zhuang Qi 12003
Zhang Cunhao *see* Zhuang Qi 35670
Zhang Cunlin *see* Cunlin Zhang
Zhang Dacheng *see* Qian Gang 42741
Zhang Daonong Study and application of hybrid power cable-overhead line protection channels 16434
Zhang Daonong *see* Sun Guanghui 7862
Zhang Dapeng *see* Dapeng Zhang
Zhang Dawei *see* Dawei Zhang
Zhang De-Ping *see* De-Ping Zhang
Zhang Defu *see* Chen Yanping 5036
Zhang Dejun *see* Dejun Zhang
Zhang Di *see* Di Zhang
Zhang Dili *see* Dili Zhang
Zhang Duanyi, Wu Hansheng General formulae and program implementation of universal reduced verification test set matrix $U(p,\omega)$ 6344
Zhang Duanyi *see* Wu Hansheng 24349
Zhang Fengshan *see* Cheng Shiping 43606
Zhang Fengshan *see* Fengshan Zhang

Zhang Fu Statistical control of ground scene information of Spaceborne Imaging Spectrometer 15980
Zhang Fu-Long *see* Fu-Long Zhang
Zhang Fu-Run, Wu Hong-Guan, Bin Hong-Zan Measurement of the deformation on joint of combined precision ball screw 31529
Zhang Fucheng *see* Lin Shuyu 11393
Zhang Fucheng *see* Lin Shuyu 24537
Zhang Fujia, Peng Jun Metallurgical properties of Pd/Zn/Pd ohmic contacts to p-type GaP and its interface characteristics 27563
Zhang Ge *see* Ge Zhang
Zhang Genxin, Cai Jianming, Cai Zheng The parameter optimization of satellite data communication 5839
Zhang Guanghui, Huang Zailu, Huang Zhengqiang Wavelet packets algorithm and its application in signal detection 21836
Zhang Guangyin *see* Zang Weiping 35916
Zhang Guangyin *see* Zhang Baozheng 20704
Zhang Guangzhao *see* Ding Hanyi 6732
Zhang Guansheng *see* Li Zhenbiao 42271
Zhang Guiyan *see* Geng Jihong 20610
Zhang Guo-Xiong *see* Ji Gui-Jun 46602
Zhang Guo-Xiong *see* Zang Yan-Fen 31449
Zhang Guo-Xiong *see* Zang Yan-Fen 31467
Zhang Guobing *see* Wu Guoying 27790
Zhang Guodong *see* Guodong Zhang
Zhang Guohao *see* Zuo Qinhua 10442
Zhang Guoqiang, Yan Rongliang, Yu Xuefeng, Ren Diyuan, Gao Wenyu, Zhao Yuanfu, Hu Yuhong, Wang Yingming Ionizing radiation responses of gate dielectric with two fluorine implantation energy 42987
Zhang Guoqiang, Yu Xiefen, Gao Jianxia, Ren Diyuan, Yan Rongliang, Zhao Yuanfu, Hu Yuhong, Wang Yinming Ionizing radiation responses of PMOSFET for two fluorine implantation surfaces 2527
Zhang Guoqiang, Yu Xuefeng, Gao Wenyu, Ren Diyuan, Yan Rongliang, Zhao Yuanfu, Hu Yuhong, Wang Yingming Effect of ionizing radiation on F implanted MOS capacitors 1960
Zhang Guoqing *see* Guoqing Zhang
Zhang Haibo *see* Haibo Zhang
Zhang Hanyi *see* Chai Yanjie 28909
Zhang Hanyi *see* Wu Yongjun 29071
Zhang Hanyi *see* Hanyi Zhang
Zhang Hanzhuang, Gao Jinyue, Guo Xiuzhen, Jin Guangxu, Lu Yuelan, Abraham, N.B. Improved fitting of a vibrorotation model to the dynamics of a modulated CO_2 laser 35689
Zhang Hong-Hai *see* Li Shang-Ping 46601
Zhang Hong-Hai *see* Xie Liang-Fu 32140
Zhang Hong-Hai *see* Zhu Feng 47290
Zhang Hong-Jun *see* Hong-Jun Zhang
Zhang Hongbing *see* Hongbing Zhang
Zhang Hongcai, Zhang Youmin, He Zhibin, Lu Jingchao An adaptive U-D factorized extended Kalman filter and its application to flight path reconstruction 7569
Zhang Hongcai *see* Hongcai Zhang
Zhang Honglin *see* Lin Kangchun 12307
Zhang Huanguo, Qin Zhongping Variable-length error detecting codes 4439
Zhang Hui *see* Hui Zhang
Zhang Hui-Zhen *see* Huang Qing-An 27407
Zhang Huiming *see* Liu Chengze 25740
Zhang Ji-Guang *see* Ji-Guang Zhang
Zhang Ji-Hua, Zhuang Bao-Hua, Ye Sheng-Hua Focus-tracing method applied in optical probes 31440
Zhang Jia-Sheng *see* Liu Guo-Zhi 44254
Zhang Jia-Sheng *see* Liu Guo-Zhi 44255
Zhang Jiahong *see* Jiahong Zhang
Zhang Jiajun *see* Jiajun Zhang
Zhang Jialu *see* Lu Shinan 44768
Zhang Jian, Wu Nianle, Wang Jianwei, Zhao Jun, Xu Yizhuang Study of the electrode materials of CO laser 12285
Zhang Jian, Wu Nianle, Wang Jianwei, Zhao Jun, Xu Yizhuang, Zhong Qinghua Study of coaxial circulated-fast-flow tunable CW CO laser 11920
Zhang Jian *see* Peng Xiaolan 7726
Zhang Jian *see* Peng Xiaolan 32250
Zhang Jian *see* Jian Zhang
Zhang Jian-Guo *see* Ni Yu-De 39209
Zhang Jian-Guo *see* Jian-Guo Zhang
Zhang Jiang-Ling *see* Luo Xin-Guo 33429
Zhang Jiang-Ling *see* Yuan Zhi-Min 28318
Zhang Jiangling *see* Jin Hai 36498
Zhang Jiangyuan *see* Wang Xiaowei 28703
Zhang Jianhui, Sun Caixin, Gu Leguan, Shu Lichun Flashover performance and its correction of polluted insulators in high altitude 7984
Zhang Jianhui *see* Gu Leguan 16409
Zhang Jianhui *see* Gu Leguan 16410
Zhang Jianhui *see* Gu Leguan 16411
Zhang Jianhui *see* Sun Caixin 16412
Zhang Jianping *see* Jianping Zhang
Zhang Jie-Hong *see* Yuan Guo-Ying 31424
Zhang Jierong, Xu Guozheng A preliminary design of HVDC metallic return transfer circuit breaker (MRTB) 17123
Zhang Jierong *see* Shen Li 17122
Zhang Jin-Yu *see* Gu Hui-Ping 38447
Zhang Jinbiao *see* Jinbiao Zhang
Zhang Jincang, He Yusheng, Huo Yujing Study of high-T_c texture superconducting fibers by laser floating zone growth method 20320
Zhang Jinduo *see* Luan Guidong 32135
Zhang Jing Bing *see* Jing Bing Zhang
Zhang Jingchang *see* Guo Guangsheng 18323
Zhang Jingjuan *see* Jingjuan Zhang
Zhang Jingming *see* Qian Yi 19377
Zhang Jingming *see* Shen Xiaohua 20669
Zhang Jingming *see* Yang Guowen 20815
Zhang Jingming *see* Yang Guowen 20888
Zhang Jingyi *see* Jingyi Zhang
Zhang Jingyuan *see* Jingyuan Zhang
Zhang Juesheng *see* Yao Fujiang 10025
Zhang Jun *see* Hui Zhongxi 43693
Zhang Jun *see* Jun Zhang
Zhang Junping Optical pattern recognition and intelligence processors 45048
Zhang Kai *see* Kai Zhang
Zhang Kaihe *see* Kaihe Zhang
Zhang Keqi *see* Keqi Zhang
Zhang Lei, Hu Xi-Yan On the direct method for linear complementarity problem 41158
Zhang Lei *see* Hu Xi-Yan 41154
Zhang Lei *see* Yu Shusheng 28705
Zhang Lei *see* Lei Zhang
Zhang Li, Wu Ai-Guo, Li Yun-De, Wang Jiang The mechanism of generation and variation of anode spike voltage of GTO 28116
Zhang Li *see* Li Zhang
Zhang Li Qun *see* Qun Zhang Li
Zhang Lianying *see* Xie Huanghai 3581
Zhang Lichun, Gao Yuzhi, Ning Baojun, Hong Xiuhua, Wang Yangyuan Formation and characterization of $CoSi_2$/n-Si Schottky barriers 27562
Zhang Lichun *see* Ma Pingxi 2473
Zhang Lichun *see* Qian Gang 42741
Zhang Lifen *see* Lifen Zhang
Zhang Lihe *see* Cai Jinhai 13077
Zhang Ling, Zhou Liwei, Jin Weiqi, Fang Erlun A study of electron optical systems for conical immersion lenses 21178
Zhang Ling *see* Liu Jinli 7622
Zhang Lingjun *see* Gao Xiang 10688
Zhang Lingyi *see* Lingyi Zhang
Zhang Lixia *see* Lixia Zhang
Zhang Lu *see* Lu Zhang
Zhang Min *see* Zheng Yangshu 28259
Zhang Ming, Zhu Zhaoda FBLP array processing with artificial neural network 13264
Zhang Minhao *see* Ostroverhov, N. 9025
Zhang Muxiang, Ma Fulong Simulated annealing approach to the minimum distance of error-correcting codes 44687
Zhang Naitong *see* Hao Chuan 5255
Zhang Nan, Yuan Duorong, Tao Xutang, Shao Zhongshu, Jiang Minhua, Xu Dong High efficiency organic nonlinear crystal MHBA and its second harmonic generation 12320
Zhang Nan *see* Hou Wenbo 9501
Zhang Peilin Semiconductor lasers and their applications in spectroscopy 43829
Zhang Peng *see* Peng Zhang
Zhang Ping *see* Wu Zhen 31303
Zhang Ping *see* Ping Zhang
Zhang Qi *see* Luo Bikai 12047
Zhang Qi-Jun *see* Qi-Jun Zhang
Zhang Qi-Zhao *see* Gao Jie 31375
Zhang Qian *see* Qian Zhang
Zhang Qiang *see* Qiang Zhang
Zhang Qin *see* Qin Zhang
Zhang Qin-Yan, Li Dong-Sheng Research for large area ribbons' thickness online measuring method 38697
Zhang Qingchun *see* Zhou Yan 28706
Zhang Qinghua *see* Li Zhichang 7293
Zhang Qinshun, Zhou Faqing Research and application of modern cybernetics in reactor power control 25180
Zhang Qishan *see* Zhu Nanzhi 44637
Zhang Qishao *see* Ding Wei'an 1421
Zhang Qishao *see* Qishao Zhang
Zhang Qiu-Yi *see* Qiu-Yi Zhang
Zhang Quansheng, Lu Hui, Du Yun, Ma Chaohua, Wu Ronghan, Gao Honghai, Gao Wenzhi, Lu Xiuling Investigation of proton bombardment mask for InGaAsP/InP PBH CCTS bistable lasers 20885
Zhang Quansheng *see* Wang Qiming 43819
Zhang Quanxing *see* Zhang Weiqing 28943
Zhang Ren *see* Ren Zhang
Zhang Ren-Jie *see* Mu Pin-Gan 46361
Zhang Rui-Bing, Li Zhi-Lun On the extraction of harmonic power from quasi-optical solid-state power combiner 1478
Zhang Ruxin *see* Zhao Zhongpi 3942
Zhang Shanjie *see* Shanjie Zhang
Zhang Sheng A preconditioner determined by a subdomain covering the interface 41130
Zhang Sheng-Hua *see* Smirnov Valerij, V. 31116
Zhang Sheng-Qun *see* Lu Jian-Qin 15496
Zhang Shenglian *see* Lu Liwu 34608
Zhang Shengzhong *see* Shengzhong Zhang
Zhang Shi-Chang *see* Shi-Chang Zhang
Zhang Shiyuan *see* Shiyuan Zhang
Zhang Shoubin *see* Tu Demin 16335
Zhang Shu-Yi *see* Shu-Yi Zhang
Zhang Shujing *see* Shujing Zhang
Zhang Shulian, Han Yanmei Tuning curves of 70 MHz frequency differences for HeNe standing-wave lasers 11947
Zhang Shunxing *see* Liu Xiaodong 18129
Zhang Shuqun *see* Shuqun Zhang
Zhang Shuzhang *see* Shuzhang Zhang
Zhang Sijian *see* Sijian Zhang
Zhang Siyu, Zheng Kenquan, Zheng Li Influence of scanning speeds on microstructure and properties of laser cladding WC-B_4C-Co 29073
Zhang Suian *see* Suian Zhang
Zhang Tanxin *see* Peng Huimin 3447
Zhang Tian-Xiao *see* Chen Dan 31416
Zhang Tianjue *see* Tianjue Zhang
Zhang Tie Jun An algorithm of an adaptive equalizer for short-wave communication 36680
Zhang Tingqing, Liu Jialu Study of Be-implanted InSb under RTA 42660
Zhang Tingqing *see* Zhou Guanshan 35580
Zhang Wei *see* Wei Zhang
Zhang Wei-Bao *see* Zhou Zin-Geng 38750
Zhang Wei-Cun *see* Wei-Cun Zhang
Zhang Wei-Jun *see* Liu Yan-Bing 31190
Zhang Wei-Jun *see* Sun Yu 46462
Zhang Weibin *see* Zhang Wenzhen 29070
Zhang Weihun *see* Ding Yiyuan 14680
Zhang Weiping *see* Weiping Zhang
Zhang Weiqing, Zhu Congshan, Zhang Quanxing, Guan Fuyi Investigation on porous silica antireflective coatings with high laser damage threshold 28943
Zhang Weixiao *see* Yue Ling 1072
Zhang Weixin, Lou Limin, Mao Ganru Integrated triple-drain CMOS magnetic-field sensitive transducer 23563
Zhang Weixue *see* Weixue Zhang
Zhang Weizai *see* Xie Huanghai 3581
Zhang Weizai *see* Zhu Xiaochun 20773
Zhang Wen-Jun, Liu Zheng, Xie Chu-Fang, Peng Zhong-Qiu Identification of cylindrical targets in transient wave underground detection system 31117
Zhang Wendong, Xing Kun, Hao Rongtai Microprocessor-based new PWM technique for unity power factor AC/DC converter 8538
Zhang Wengxing, Chen Shuisheng, Jin Lirong Ka band Si CW IMPATT diode 10443
Zhang Wenqi *see* Shen Baifei 20608
Zhang Wenxing *see* Wenxing Zhang
Zhang Wenyan *see* Wenyan Zhang
Zhang Wenzhen, Pu Jixiong, Zhang Weibin, Gon Donmei, Wu Run, Ye Tenfeng Investigation on welding technique for the valve chamfers of internal combustion engines 29070
Zhang Wenzhen *see* Wang Jiaxian 28905
Zhang Xi *see* Xi Zhang
Zhang Xian-Mo *see* Xian-Mo Zhang
Zhang Xianda A data-direct approach to resolving two-dimensional sinusoids in white noise 13265
Zhang Xianfeng *see* Xianfeng Zhang
Zhang Xiang-Mo *see* Xiang-Mo Zhang
Zhang Xiangjiu *see* Gong Dawei 23629
Zhang Xiangjiu *see* Xiangjiu Zhang
Zhang Xianyi *see* Luan Guidong 32135
Zhang Xiao-Long, Xiang Xun-Xian Digital control system for a microwave radiometer 31833
Zhang Xiaobo, Zhao Fanghai, Wang Wen, Du Guotong, Yang Shuren, Gao Dingsan, Cong Zhixian, Jin Xizhuo Terraced substrate and narrow mesa substrate inner stripe laser steady-state analysis 20884
Zhang Xiaobo *see* Xiaobo Zhang
Zhang Xiaochun, Jiang Chaochuan, Guo Yongkang, He Rongqin, Guo Lurong Two-step circular viewing rainbow holography with orthoscopic images 29037
Zhang Xiaolei *see* Xiaolei Zhang
Zhang Xiaomiao, Wei Wenyuan, Jiao Yongchang Numerical calculation of conformal dipole arrays 21428
Zhang Xiaopin *see* Xiaopin Zhang
Zhang Xiaoping, Chen Heng Unsymmetrical three-phase load flow study based on symmetrical component theory 16137
Zhang Xiaoqing A realistic corona model for lightning transient studies 32438
Zhang Xiaotian, Zhu Heyuan, Hu Yimei, Sun Diechi, Li Fuming Femtosecond optical pulse dye amplifier 12036
Zhang Xiaoyang, Cai Xuansan Parameter optimization of half-bridge zero-voltage-switching multi-resonant converters for off-line operations 41636
Zhang Xinfa *see* Shi Jiawei 28844
Zhang Xing, Shi Yongquan, Lu Quan, Huang Chang Methods to reduce leakage current of SOS MOSFET 28120
Zhang Xing Zhou *see* Xing Zhou Zhang
Zhang Xinghua *see* Xinghua Zhang
Zhang Xingyi *see* Xingyi Zhang
Zhang Xinmin *see* Xu Jun 18125
Zhang Xinmin *see* Xu Jun 20722
Zhang Xisheng, He Xingping, Li Zhijian Numerical simulation and analysis of submicron MOSFET with impact ionization 19724
Zhang Xisheng, He Xinping, Li Zhijian Two dimensional computer simulation and analysis on hot-carrier degradation of submicron MOSFET 28119
Zhang Xiu-Zhen *see* Zhao Xue-Zeng 38692

Zhang Xiufeng *see* Mao Yufang 7214
Zhang Xiumiao, Shao Diling Computer-aided measurement of generation lifetime profile 15186
Zhang Xiumiao *see* Xiumiao Zhang
Zhang Xiurong *see* Xu Jun 20722
Zhang Xizhong, Dai Zizhu, Zhou Genhong Application of the heat flux meter in physiological studies 31827
Zhang Xue-Neng *see* Qiu Hui-Fu 46604
Zhang Xuefeng *see* Xuefeng Zhang
Zhang Xuejun *see* Xuejun Zhang
Zhang Xueru *see* Xueru Zhang
Zhang Xuesong *see* Xuesong Zhang
Zhang Xueyuan *see* Liang Jiben 41247
Zhang Ya-Qin *see* Ya-Qin Zhang
Zhang Yanbin Gang *see* Gang Zhang Yanbin
Zhang Yanwen, Ji Chengzhou, Li Guohui The activation energy of MeV Si^+ implants in SI-GaAs 10811
Zhang Yanxin *see* Yanxin Zhang
Zhang Yao, Song Wennan Determination of the critical state of voltage stability in load buses and the weakest bus of the power system 16140
Zhang Yao-Ke, Lu Ru-Feng A note on stability analysis for some initial boundary value problems 41179
Zhang Yaohui, Jiang Desheng, Li Feng, Wu Ronghan, Zhou Junming, Mei Xiaobing Electro-optical bistability and multistability effects in $GaAs/Ga_{0.7}Al_{0.3}As$ short-period superlattices 21047
Zhang Yaohui *see* Yaohui Zhang
Zhang Yaonan *see* Yaonan Zhang
Zhang Yauhui *see* Xu Shijie 11821
Zhang Yaxi *see* Yaxi Zhang
Zhang Yi-Fu Condition monitoring rolling element bearing at a low speed using vibration analysis 31521
Zhang Yigong *see* Yigong Zhang
Zhang Yimen, Shang Jian, Li Cuiping Numerical simulation for two-dimensional quantum well AlGaAs/GaAs HEMT 28218
Zhang Ying *see* Ying Zhang
Zhang Yinghua *see* He Huijuan 21031
Zhang Yinghua *see* Xiao Gangyao 12031
Zhang Yinghua *see* Xiao Gangyao 20392
Zhang Yingkua *see* Liu Yupu 3476
Zhang Yinhua *see* Cheng Ruihua 20690
Zhang Yinzi *see* Chen Juxin 38501
Zhang Yongmin, Chen Guoliang The results of embedding several graphs in books 979
Zhang You Kun, Tian He Chen, Xu Nai Ying The development of optical fiber cable network and optical fiber cable industry in China 14590
Zhang Youmin *see* Zhang Hongcai 7569
Zhang Youzhu *see* Youzhu Zhang
Zhang Yu *see* He Yu-Liang 26501
Zhang Yu-Hai The solubility of additive and multiplicative inverse eigenvalue problems 18076
Zhang Yuancheng, Song Qian, He Shaowei, Wang Jinfeng Optical signal amplification and processing using semiconductor laser diode OBD 22717
Zhang Yudong *see* Zou Haixing 2380
Zhang Yubeng *see* Wang Liangbin 33757
Zhang Yubong *see* Bao Zheng 14700
Zhang Yunqiang *see* Gao Xiang 10688
Zhang Yuquan *see* Peng Huimin 3447
Zhang Yuwen *see* Yuwen Zhang
Zhang Yuzhen *see* Yuzhen Zhang
Zhang Zaifu *see* Zaifu Zhang
Zhang Ze-Xiang *see* Ze-Xiang Zhang
Zhang Zhanxiang *see* Wang Huitian 35422
Zhang Zhanzhou *see* Zhanzhou Zhang
Zhang Zhe, Chen Deshu Rejection of DC offset component in recursive estimator 47567
Zhang Zhen *see* Zhen Zhang
Zhang Zheng *see* Zheng Zhang
Zhang Zheng-quan *see* Zheng-quan Zhang
Zhang Zhengji *see* Zhengji Zhang
Zhang Zhengquan *see* Zhengquan Zhang
Zhang Zhi-Chuan, Liu Xing-Wu, Wang Pu-Qun Application of system-error removing technology to closed-loop control system of on-line measurement in grinding operation 23455
Zhang Zhi-Dong *see* Liu Wei 43260
Zhang Zhi-Peng *see* Wang Zhi-Jian 38578
Zhang Zhi-Yong *see* Zhi-Yong Zhang
Zhang Zhifeng *see* Zhifeng Zhang
Zhang Zhigao, Lin Bentong The fundamental principles of third-harmonic flux modulation and its application in energy saving in transformers 40276
Zhang Zhiguo, Jiang Qian, Mi Xin, Yu Zuhe, Fu Panming, Shen Dezhong, Ma Xiaoyan $KNbO_3$:Fe optical frequency discriminator 12372
Zhang Zhiyi *see* Zhiyi Zhang
Zhang Zhizhong *see* Wang Xiaowei 28703
Zhang Zhong, Wei Dao Zheng Neural network model for logic circuits 10043
Zhang Zhongxi *see* Ma Jianglei 21359
Zhang Zhongyi *see* Yu Changtai 11011
Zhang Zhudan, Wang Yinsheng, Chen Tonghua, Tan Weidong, Xiong Chenkun T shape electrode transistor(TSET) 1510
Zhang Zibei *see* Zibei Zhang
Zhang Zigang, Wan Xining, Yang Jiaxing Congested communication network and an electronic simulation method for the location problem 5320
Zhang Zonglin *see* Tu Demin 16335
Zhang Zuo, Fan Zhigang, Li Pengsheng The study of measuring rotating angle with double-frequency laser and wedge-plate interference 31478
Zhang Zuo *see* Fan Zhigang 31454
Zhang Zuo *see* Li Peng-Sheng 46646
Zhang Zuping *see* Zuping Zhang
Zhang-Ning Lu, Bansal, R. A finite-difference method for the third-order simplified wave equation: assessment and application 36333
Zhangchao Chen *see* Chen Zhangchao
Zhanghua Wu *see* Wu Zhanghua
Zhangqi Wang *see* Wang Zhangqi
Zhanguo Wang *see* Wang Zhanguo
Zhankun Yang *see* Demesmaeker, E. 8748
Zhankun Yang *see* Luque, A. 8747
Zhankun Yang *see* Morales-Acevedo, A. 8749
Zhanping Liu *see* Liu Zhanping
Zhanping Zhu *see* Zhu Zhanping
Zhantian Zhong *see* Zhong Zhantian
Zhanxiang Zhang *see* Zhang Zhanxiang
Zhanyi Hu, Destine, J. Parameter probability density analysis for the Hough transform 5130
Zhanzhou Zhang *see* Qishao Zhang 34221
Zhao, B. *see* Chen, T.R. 12215
Zhao, B. *see* Surrel, Y. 31139
Zhao, B. *see* Xu, Z. 17391
Zhao, F., Zhou, H., Yin, S., Yu, F.T.S. Wavelength-multiplexed holographic storage by using the minimum wavelength channel separation in a photorefractive crystal fiber 2940
Zhao, F. *see* Yu, F.T.S. 12446
Zhao, G. *see* Harada, K. 40472
Zhao, H., Sato, T., Kimura, I. A hybrid-ARQ protocol with adaptive rate error control 30243
Zhao, H. *see* Baker, H.J. 11946
Zhao, H. *see* Frateschi, N.C. 20846
Zhao, J., Fan, H. An adaptive filter bank implementation of adaptive IIR filters 29605
Zhao, J., Li, G.P., Liao, K.Y., Chin, M.R., Sun, J.Y.-C. On the investigation of 1/F noise of polysilicon emitter P-N-P transistors in a C-BiCMOS technology 20027
Zhao, J., Li, G.P., Liao, K.Y., Chin, M.R., Sun, J.Y.-C., Chiu, T.Y. Current gain increase of n-p-n transistors by electromigration of atomic hydrogen in emitter polysilicon 34936
Zhao, J., Wang, A., Aberle, A., Wenham, S.R., Green, M.A. 717-mV open-circuit voltage silicon solar cells using hole-constrained surface passivation 25700
Zhao, J., Wang, A., Taouk, M., Wenham, S.R., Green, M.A., King, D.L. 20% efficient photovoltaic module 20534
Zhao, J. *see* Comedi, D. 10666
Zhao, J.H., Burke, T., Larson, D., Weiner, M., Chin, A., Ballingall, J.M., Yu, T.-H. A high performance optically gated heterostructure thyristor passivated with LT-GaAs 2508
Zhao, J.H., Burke, T., Weiner, M., Chin, A., Ballingall, J.M. Reverse-biased performance of a molecular-beam-epitaxial-grown AlGaAs/GaAs high-power optothyristor for pulsed power-switching applications 11895
Zhao, J.H., Hwang, R., Chang, S. On the characterization of surface states and deep traps in GaAs MESFETs 11250
Zhao, J.H., Lis, R., Coblentz, D., Illan, J., McAfee, S., Burke, T., Weiner, M., Buchwald, W., Jones, K. An optically gated InP based thyristor for high power pulsed switching applications 2509
Zhao, J.W. *see* Zhou, X.C. 9602
Zhao, L.C. *see* Radhakrishna Rao, C. 45011
Zhao, M., Xie, M. A model of storage reliability with possible initial failures 33431
Zhao, M. *see* Li, Q. 7632
Zhao, M. *see* Residori, S. 3821
Zhao, M.Z., Wu, L.W., Rodd, M.G. Distributed multivariable control system design-for coal-fired boilers 16643
Zhao, S.P., Finkbeiner, F., Lerch, P., Jaggi, A., Zehnder, A., Ott, H.R. A $Nb/AlO_x/Nb$ trilayer process for the fabrication of X-ray detectors 7299
Zhao, S.P., Finkbeiner, F., Lerch, Ph., Zehnder, A., Ott, H.R. Investigations on Nb/Al-AlO_x-Al/Nb proximity tunneling junctions for X-ray detection 20202
Zhao, W., Bourkoff, E. Nonlinear polarization coupling and its application to high resolution distributed fiber sensing 6554
Zhao, W., Zhou, W., Srinivasan, B., Avram, C. Prototyping tools of distributed applications 14239
Zhao, W. *see* Agrawal, G. 5492
Zhao, W. *see* Agrawal, G. 45337
Zhao, W. *see* Davari, S. 5547
Zhao, W. *see* Kamat, S. 45580
Zhao, W. *see* Kang, B.-W. 11156
Zhao, Y. A speaker-independent continuous speech recognition system using continuous mixture Gaussian density HMM of phoneme-sized units 4483
Zhao, Y. On the edge reconstruction of graphs embedded on surfaces 26297
Zhao, Y., Poole, S. Performance of 635, 520 and 491 nm transitions in a Pr^{3+} doped fluoride upconversion laser 35744
Zhao, Y., Town, G., Sceats, M. Nonlinear phase shift induced by second order processes in single mode fibres 35359
Zhao, Y., Yuan, B. Image compression using fractals and discrete cosine transform 45234
Zhao, Y. *see* Cheng, D. 36098
Zhao, Y. *see* Zavaliagkos, G. 36620
Zhao, Y.X. *see* Wisnivesky, D. 15514
Zhao, Z., Iravani, M.R. Application of GTO voltage-source inverter for tapping HVDC power 32386
Zhao, Z., Iravani, M.R. Application of GTO voltage source inverter in a hybrid HVDC link 47462
Zhao, Z. *see* Aussenegg, F.R. 31333
Zhao, Z. *see* Iravani, M.R. 24699
Zhao, Z. *see* Lei, T. 4904
Zhao, Z.G. *see* Badertscher, A. 7311
Zhao, Z.J. *see* Wen, Z. 20458
Zhao, Z.X. *see* Gan, Z.Z. *(editor)* 33184
Zhao An Ping *see* An Ping Zhao
Zhao Baozhi *see* Ma Hongda 25751
Zhao Beru *see* Chen Juxin 38501
Zhao Bin *see* Xie Tie-Bang 31443
Zhao Bofang *see* Bofang Zhao
Zhao Cangsang *see* Xing Qijiang 18211
Zhao Dazun *see* Zhao Hongzhi 22103
Zhao Dekang *see* Dekang Zhao
Zhao Ding *see* Ding Zhao
Zhao Dongming *see* Dongming Zhao
Zhao Fanghai *see* Zhang Xiaobo 20884
Zhao Fanghai *see* Fanghai Zhao
Zhao Feng *see* Jiang Lingzhen 12412
Zhao Feng *see* Feng Zhao
Zhao Furong *see* Liu Shangqian 15087
Zhao Gang *see* Lan Ge 11921
Zhao Gang *see* Gang Zhao
Zhao Guang *see* Xu Qihua 3332
Zhao Guogang *see* Yu Yixin 7725
Zhao Guoqin *see* Guoqin Zhao
Zhao Hai *see* Tan Jiu-Bin 46600
Zhao Hai *see* Yu Wen 31364
Zhao Hongzhi, Zhao Dazun A new method for restoring turbulence-degraded images 22103
Zhao Hui-Jie, Li Peng-Sheng, Qiang Xi-Fu, Li Hua Novel method for measuring the step with heterodyne interferometer 38683
Zhao Hui-Jie *see* Li Hua 31420
Zhao Jianhua *see* Jianhua Zhao
Zhao Jianmin *see* Jianmin Zhao
Zhao Jiaqing *see* Jin Tao 24740
Zhao Jiaqing *see* Kan Jianfei 32251
Zhao Jiran *see* Luo Ting 28992
Zhao Jiyong *see* Jiyong Zhao
Zhao Jun *see* Zhang Jian 11920
Zhao Jun *see* Zhang Jian 12285
Zhao Jun *see* Jun Zhao
Zhao Keming The centralized managing system of digital microwave data supervision for Northeast power network of China 32303
Zhao Kui *see* Chen Chia-Erh 15500
Zhao Kui *see* Li Zhichang 7293
Zhao Kui *see* Kui Zhao
Zhao Li-Zhuan *see* Pi Jia-Jing 31460
Zhao Nai-Liang *see* Xu Guo-Qing 40112
Zhao Ning *see* Wang Jingyi 18292
Zhao Ping-Ya *see* Ping-Ya Zhao
Zhao Ruwen *see* Ruwen Zhao
Zhao Shijie *see* Shijie Zhao
Zhao Shujiang Designing OTA-C filter by SFG approach 42037
Zhao Shuqing *see* Qiu Peixia 3760
Zhao Si-Hua *see* Bai Jian-Guo 31144
Zhao Suitang *see* Huang Zhiwen 28704
Zhao Tiande *see* Tiande Zhao
Zhao Ting A fast algorithm for synthesizing E-sequences 9410
Zhao Ting-Chao *see* Yuan Xiang-Hui 38548
Zhao Tong *see* Liu Wei 43260
Zhao Wang, Yulin Li, Dayong Wang Fabrication of two type LCLV 43557
Zhao Wang *see* Wang Zhao
Zhao Wei *see* Wei Zhao
Zhao Wei Ning *see* Wei Ning Zhao
Zhao Xi-Ping *see* Li Dong-Sheng 23901
Zhao Xi-Ping *see* Li Dong-Sheng 31157
Zhao Xi-Ping *see* Tan Jiu-Bin 31422
Zhao Xiaojie *see* Fu Xunwei 1205
Zhao Xide *see* Xide Zhao
Zhao Xin-Guo *see* Liu Wei 43260
Zhao Xing-Yu *see* Wu Jin-Lei 10609
Zhao Xingrong *see* Xingrong Zhao
Zhao Xue-Zeng, Zhang Xiu-Zhen, Qiang Xi-Fu Preliminary study on measurement of coarse surface roughness by computer vision 38692
Zhao Yang, Chen Meijuan, Sun Yushi Results of TEAM Workshop problem 13 by the method of fictitious magnetic monopole model {3D nonlinear magnetostatic problem} 3981
Zhao Yang, Li Da-Cheng Signal processing of fiber displacement sensor with linear frequency modulation laser diode 46463
Zhao Yang, Wang Jia, Li Da-Cheng, Cao Mang, Li Xiang Research on non-contact measuring flatness of magnetic disk with optical heterodyne interferometer 43297
Zhao Yang *see* Yang Zhao

Zhao Yangpin *see* Shu Zongxun 25352
Zhao Yibing *see* Zhuang Wanru 28668
Zhao Ying-Jun, Yang Ke-Chong, Yang Shu-Zi, Zhen Jun Highly sensitive magnetic field sensor and its application 31186
Zhao Yingjie *see* Yingjie Zhao
Zhao Yingying *see* Yingying Zhao
Zhao Yiyu *see* Zhou Bin 25839
Zhao Yiyu *see* Yiyu Zhao
Zhao Youyuan *see* Chen Lingbing 12318
Zhao Yu, Yan Yangguang A three-phase four-line soft switched inverter for UPS applications 8544
Zhao Yuanfu *see* Zhang Guoqiang 1960
Zhao Yuanfu *see* Zhang Guoqiang 2527
Zhao Yuanfu *see* Zhang Guoqiang 42987
Zhao Yungfu *see* Liu Changshi 10763
Zhao Yunhui, Dong Zheshan, Tian Yun, Yang Zhihao Experimental investigation on dense phase transport of pulverized coal for MHD applications 25822
Zhao Yushen *see* Yushen Zhao
Zhao Ze-Xiang, Jiang Zuo-Jing Computer-aided system of diagnosing mechanical failures for periodic monitoring 31098
Zhao Zhi-Fan *see* Li Zhao-Quan 32328
Zhao Zhijun *see* Zhijun Zhao
Zhao Zhiwei *see* Zhiwei Zhao
Zhao Zhongpi, Li Lijun, Zhang Ruxin, Zhong Changqin Laser welding of stainless steel tubes and tube plates 3942
Zhao Zhongyong *see* Wang Xiangwu 10441
Zhao Zhoushe, Zhou Qian Application of Metz filtering in SPECT imaging reconstruction 24242
Zhao Zhuo-Xian *see* Yuan Guo-Ying 31424
Zhao-Bang Pu *see* Pu Zhao-Bang
Zhao-Da Zhu *see* Zhang, M. 13205
Zhao-Heng Weng *see* De-Gui Sun 20453
Zhao-Hui Jiang *see* Jiang Zhao-Hui
Zhao-Liang Li *see* Sobrino, J.A. 32097
Zhao-Quan Li *see* Li Zhao-Quan
Zhao-Shu Liao *see* Liao Zhao-Shu
Zhaoan Wang *see* Wang Zhaoan
Zhaoda Zhu *see* Zhu Zhaoda
Zhaodi Lei *see* Lei Zhaodi
Zhaoguang Hu *see* Hu Zhaoguang
Zhaohua Wang *see* Wang Zhaohua
Zhaohui Zhu, Liren Liu Optical implementation of arbitrary Boolean functions using thresholding logic scheme 11754
Zhaoji Li *see* Li Zhaoji
Zhaolin Wu, Shuiquan Xing The dynamic characteristic research of induction heating power station 8992
Zhaomin Wang *see* Wang Zhaomin
Zhaongfu Qi *see* Qi Zhaongfu
Zhaoqiao Guo *see* Guo Zhaoqiao
Zhaoxiang He *see* He Zhaoxiang
Zhaoyi Hu *see* Hu Zhaoyi
Zhaoyi Lu *see* Lu Zhaoyi
Zhaoying Sun *see* Sun Zhaoying
Zhaoyong Meng *see* Meng Zhaoyong
Zhaoyong Xu *see* Cantao Zhuang 15973
Zharii, O.Yu. Model of an ultrasonic motor with friction-slip motion conversion 8467
Zharov, A.N., Kochemasov, V.N., Rakov, I.A. An investigation of delayed-transfer code memories, used in frequency and signal synthesizers 26931
Zharov, O.A., Kazarin, L.S. Towards a theory of group convolution 44950
Zharov, V.N. *see* Povarov, O.A. 25222
Zhavoronkov, N.I. *see* Demchuk, M.I. 43803
Zhavoronkov, N.I. *see* Kaminskii, A.A. 12040
Zhavoronkov, N.I. *see* Mikhailov, V.P. 21043
Zhdanov, B.V. *see* Golovnin, I.V. 28910
Zhdanovich, S.N. *see* Kovalev, A.A. 11565
Zhe Chen, Peijun Yu Model study for terrain aided navigation systems 7533
Zhe Zhang *see* Zhang Zhe
Zhe-Zhi Yi *see* Yi Zhe-Zhi
Zhebulev, I.A., Korol'kov, V.I., Nikitin, V.G., Orlov, N.Yu., Tabarov, T.S., Ubaidullaev, M.A. High-voltage vertical field-effect GaAs phototransistor 28650
Zhebulev, I.A. *see* Andreev, V.M. 17394
Zhekang Shen *see* Shen Zhekang
Zheleva, T., Jagannadham, K., Narayan, J. Epitaxial growth in large-lattice-mismatch systems 26430
Zheleznyakov, V.D. *see* Gryazanov, N.S. 15469
Zheleznyi, V.B., Zagorskii, A.V., Katsnel'son, S.S., Kudryavtsev, A.V., Plekhanov, A.V. Theoretical and experimental modeling of railgun operation 21185
Zhelnin, V.A. *see* Pukhov, I.M. 25736
Zheltoukhov, O.V. *see* Radziyevskiy, V.G. 16098
Zheltukhin, V.S. *see* Abdullin, I.S. 27675
Zheludev, N.I. *see* Paraschuk, D.Yu. 21057
Zhen, Z. *see* Kinard, J.R. 6284
Zhen Chun *see* Peng Xiaolan 7726
Zhen Guo *see* Dwayne Miller, R.J. 20723
Zhen He *see* He Zhen
Zhen Hong, Ahuja, N. Target tracking and cumulative depth map generation from binocular image sequences 36917
Zhen Hu *see* Hu Zhen
Zhen Hua Wang *see* Atkins, G.R. 43400
Zhen Jin *see* Yang Zhihong 15015
Zhen Jun *see* Zhao Ying-Jun 31186
Zhen Sun *see* Ping Liu 685
Zhen Wang, Kawakami, A., Komiyama, B., Hamasaki, K., Matsui, T. High-frequency properties of NbN(g)/Al nanobridge-type Josephson mixers 19073
Zhen Wang *see* Kawakami, A. 23865
Zhen Wu, Lanyun Gao, Ping Zhang Study on phase grating used in coherent laser beam summation 28933
Zhen Wu *see* Varadan, V.K. 23227
Zhen Wu *see* Wu Zhen
Zhen Xingbin *see* Zheng Fang 18309
Zhen Zhang, Chungming Tu On the construction of systematic tEC/AUED codes 36510
Zhen Zhang, Simaan, M.A., Lang, Z., Scarberry, R.E. Controlling knowledge-based image segmentation using an interative spatial data structure construction algorithm 29823
Zhen Zhang, Xiang-Gen Xia Three messages are not optimal in worst case interactive communication 45365
Zhen Zhang *see* Xiang-Gen Xia 44977
Zhen-Bi Luo *see* Luo Zhen-Bi
Zhen-Gao Xu *see* Xu Zhen-Gao
Zhen-Hong Zhou, Aydil, E.S., Gottscho, R.A., Chabal, Y.J., Reif, R. Real-time, in situ monitoring of room-temperature silicon surface cleaning using hydrogen and ammonia plasmas 2163
Zhen-Kang Shen *see* Zhi-Yong Li 29835
Zhen-Liang Ding *see* Ding Zhen-Liang
Zhen-Liang Shi, Weixiu Du, Driessen, P.F. Multistage detection in synchronous code-division multiple-access systems 36699
Zhen-Wu Lu *see* De-Gui Sun 20453
Zhen-ya He *see* Hui Zhang 4880
Zhen-Zhong Zhou *see* Zhou Zhen-Zhong
Zhenbang Li *see* Li Zhenbang
Zhenbiao Li *see* Li Zhenbiao
Zhencai Wang *see* Wang Zhencai
Zhencheng, H. *see* Shiguo, L. 7733
Zhenchuk, E.Ya., Konoplyanko, Z.D. Optimisation of decoding strategies for CIRC codes using probabilistic criteria 44745
Zhenfang Ling *see* Ling Zhenfang
Zheng, B. *see* Ding, P.J. 34841
Zheng, B. *see* Michel, J. 43654
Zheng, B. *see* Nucci, J. 33720
Zheng, B. *see* Ren, F.Y.G. 11868
Zheng, B. *see* Ren, F.Y.G. 20584
Zheng, C.E. *see* Bollanti, S. 24124
Zheng, C.E. *see* Bollanti, S. 35937
Zheng, C.E. *see* Di Lazzaro, P. 35653
Zheng, C.E. *see* Letardi, T. 20623
Zheng, C.E. *see* Letardi, T. 35693
Zheng, G.F., Shi, Z., Bergmann, R., Dai, X., Robinson, S., Wang, A., Kurianski, J., Green, M.A. Thin film silicon solar cells on glass by substrate thinning 40494
Zheng, G.F. *see* Shi, Z. 790
Zheng, H., Blostein, S.D. Adaptive regularization for motion field estimation 22187
Zheng, H. *see* Park, S.-S. 15105
Zheng, J. *see* Kurpanek, G. 41918
Zheng, J.P., Jiao, K.L., Shen, W.P., Anderson, W.A., Kwok, H.S. A unity quantum efficiency photodiode using porous silicon film 11854
Zheng, J.X. *see* Hoorfar, A. 10504
Zheng, L., Ramalingam, S., Shi, T., Peterson, R.L. Aluminum nitride thin film sensor for force, acceleration, and acoustic emission sensing 6450
Zheng, L.-R. *see* Ko, K.-Y. 2081
Zheng, N.J. *see* Florescu, V. 28360
Zheng, O.Y.J. *see* Kwong, S. 13084
Zheng, Q. *see* Schneider, M. 26574
Zheng, Q. *see* Schneider, M. 33830
Zheng, T., Huang, J.L. An OCLC/GTO LAN set-up: a case study report 14128
Zheng, W. *see* O'Brien, E. 31743
Zheng, X., Li, Y., Feng, Y., Lin, Y. Further study on interaction enhancement of Raman processes in miniature OPFIRL 12308
Zheng, X. *see* Zhang, G.F. 9723
Zheng, Y., Foley, D.A., Kinter, T.M., Greenleaf, J.F. An automated multispectral pixel and image classification system using texture analysis and neural networks 7406
Zheng, Y., Pieprzyk, J., Seberry, J. HAVAL—a one-way hashing algorithm with variable length of output 21559
Zheng, Y., Seberry, J. Practical approaches to attaining security against adaptively chosen ciphertext attacks 12930
Zheng, Y. *see* Banakar, M.H. 8018
Zheng, Y. *see* Capelle, B. 20095
Zheng, Y. *see* Detaint, J. 20066
Zheng, Y. *see* Hardjono, T. 21561
Zheng, Y. *see* Sadeghiyan, B. 12969
Zheng, Y. *see* Seberry, J. *(editor)* 17664
Zheng, Y.-c., Yuan, B.-z. Organization of the CHISER Chinese sentence recognition system 29908
Zheng, Z. *see* Xu, J. 7489
Zheng, Z.T. *see* Cochrane, G. 33670
Zheng Bao *see* Bao Zheng
Zheng Cai *see* Cai Zheng
Zheng Dawei *see* Wang Xiaohui 11197
Zheng Dong-Lian *see* Xie Tie-Bang 31443
Zheng Dong-Lian *see* Xie Tie-Bang 31462
Zheng Fang, Li Xingjiao, Shu Wuda, Liang Jiewen, Bai Tiecheng, Zhen Xingbin, Li Zaiguang, Li Jiarong, Zheng Qiguang, Tao Xinzi, Wang Tao Investigation on linear NTC aluminium tungstate ceramics synthesized by high power CW CO_2 laser 18309
Zheng Gang, Wang Naining, Yu Xianhuang A new algorithm for expanding measurement lower-limit of laser particle sizer 21145
Zheng Guowu, Wang Huzhuang, Chen Kangsheng The study of dispersive characteristics of microstrip line involving ferrite media 4188
Zheng Guoxiang *see* Gong Dawei 23629
Zheng Guozhen *see* Jiang Ruolian 34560
Zheng Haidong, Ye Runtao, Lin Xinming, Chen Min New structure of field-controlled thyristor with lateral channel 2488
Zheng Hu *see* Hu Zheng
Zheng Huaide *see* Xiong Hua 33021
Zheng Jia-Biao *see* Jia-Biao Zheng
Zheng Jiang, Wu Jing, Wei Tongli Low temperature characteristics of electrical parameters in amorphous Si/Si heterojunction bipolar transistors 11145
Zheng Jiang Yu *see* Jiang Yu Zheng
Zheng Jie, Xu Mai, Huo Zhenguang, Li Yonggui, Shen Hong Optically controlled spatial scanning via chirped grating coupler in $CdS_xSe_{(1-x)}$ doped glass waveguide 29000
Zheng Jinmei *see* Ye Zongyuan 24135
Zheng Jun *see* Jun Zheng
Zheng Kenquan *see* Zhang Siyu 29073
Zheng Le-Ping, Liu Yu-Ying A 2.84 GHz ms-resolution receiver and the question about the reliability of the 205 solar UFFS data taken with it 6166
Zheng Li Modeling and simulation of neutron induced changes and temperature annealing of N_{eff} and changes in resistivity in high resistivity silicon detectors 46886
Zheng Li *see* Chengji Li 46847
Zheng Li *see* Luo Zhen-Bi 23454
Zheng Li *see* Zhang Siyu 29073
Zheng Li *see* Li Zheng
Zheng Liu *see* Liu Zheng
Zheng Nanning, Liu Jianqin A parallel adaptive hierarchical network model for image segmentation 29986
Zheng Ning, Zhu Qing, Feng Zhiyan, Yan Xiaolang, Hong Xianlong, Lian Yongjun BROS: a building-block layout routing system with power nets optimal strategy 28244
Zheng Pei-Ju *see* Pei-Ju Zheng
Zheng Ping *see* Ping Zheng
Zheng Qiguang *see* Zheng Fang 18309
Zheng Qin *see* Xiao-Hua Xie 5068
Zheng Qin *see* Qin Zheng
Zheng Qinfen *see* Qinfen Zheng
Zheng Qingyun *see* Zheng Yangshu 28259
Zheng Quan *see* Quan Zheng
Zheng Si-Qing *see* Si-Qing Zheng
Zheng Ting *see* Ting Zheng
Zheng Wang, Crowcroft, J. Analysis of burstiness and jitter in real-time communications 30160
Zheng Wang, Maciejko, R. Optical front end for double-balanced homodyne receivers 45924
Zheng Wang *see* Wang Zheng
Zheng Wei Dao *see* Wei Dao Zheng
Zheng Wei-Jian, Zhu Xi-Chen The contribution of electrode to 1/f noise in SPRITE LWIR detectors 15020
Zheng Weihong *see* Yu Yixin 7725
Zheng Wen *see* Wen Zheng
Zheng Wende *see* Cai Song 25322
Zheng Wentao *see* Cao Zhigang 21642
Zheng Xingshi, Li Yao, Lin Yikun, Chen Baoqiong Si-Al grid submillimeter wave F-P interferometer and its application to laser spectrum observation 15228
Zheng Yanfei *see* Li Shijie 21037
Zheng Yangshu, Zhang Min, Ling Dongzhong, Wu Lin, Gu Huifen, Zheng Qingyun, Qiu Bin High performance double level metal CMOS gate array technology 28259
Zheng Yaozong *see* Huang Meiqian 19857
Zheng Yi, Lie Tianqi A fuzzy math method of comprehensive evaluation for the real-time computer systems of dispatch centres 47405
Zheng Yi *see* Ning Jiping 12046
Zheng Yinjan *see* Wang Weili 20972
Zheng Yiping *see* Yiping Zheng
Zheng Yong, Qian Zhi-Han, Ye Shu-Hua Time delay and delay rate models for space VLBI 14747
Zheng You *see* You Zheng
Zheng Youdou *see* Jiang Ruolian 34560
Zheng Youdou *see* Shi Hongtao 11858
Zheng Youdou *see* Yuan Renkuan 42906
Zheng Yujin *see* Yujin Zheng
Zheng Yuliang *see* Yuliang Zheng
Zheng Zhang *see* Guowen Lu 45142
Zheng Zhihang *see* Li Xiaodong 30155
Zheng-quan Zhang *see* Zhi-zhang Xu 3453
Zhenga Yao *see* Yao Zhenga
Zhengchun Du *see* Du Zhengchun
Zhengfan Li *see* Li Zhengfan
Zhengfang Song *see* Heli Wei 24496
Zhengfu Han, Junyan Shi, Hai Tao, Li Gong, Shaojun Fu, Chaoshu Shi, Xingyi Zhang Photovoltaic effect of a metal/porous silicon/silicon structure 42547
Zhengfu Peng *see* Peng Zhengfu

Zhenggang Yu *see* Yu Zhenggang
Zhenghao Chen, Junming Zhou, Dafu Cui, Qiang Hu, Huibin Lu, Guozhen Yang High detectivity 8~12 μm GaAs multiquantum well infrared photodetectors 38508
Zhenghe Feng *see* Feng Zhenghe
Zhengji Zhang *see* Eisele, K. 31520
Zhenglian Cai, Bornemann, J. Spectral-domain analysis of patch radiators on lossy ferrite substrates 44582
Zhengliang Wu *see* Wu Zhengliang
Zhengming Ji *see* Peiheng Wu 35272
Zhengping Tan *see* Tan Zhengping
Zhengqiang Huang *see* Huang Zhengqiang
Zhengquan Xu *see* Xu Zhengquan
Zhengquan Zhang *see* Peixiang Lu 3458
Zhenguang Huo *see* Huo Zhenguang
Zhengwei Xu *see* Xu Zhengwei
Zhengxiang Luo *see* Qishao Zhang 34221
Zhengxin Chen *see* Lockwood, S. 46194
Zhengxiu Fan *see* Fan Zhengxiu
Zhengyuan Liu *see* Liu Zhengyuan
Zhenhe Zhu *see* Zhu Zhenhe
Zhenhong Mai *see* Jianhua Li 10714
Zhenhua Yang *see* Yang Zhenhua
Zhenjiang, M., Fengzhu, Z. Discussion on adaptive array signal processing 4686
Zhenkang Shen *see* Shen Zhenkang
Zhenlai Zhou *see* Zhou Zhenlai
Zhenqian Wei *see* Haosheng Fei 44159
Zhenrong Jin *see* Jin Zhenrong
Zhenxi Wang *see* Jifan Hu 35223
Zhenxian Fang *see* Fang Zhenxian
Zhenxiang Han *see* Han Zhenxiang
Zhenya He *see* Hanyu Liu 14518
Zhenya He *see* Yibing Yang 4999
Zhenyou Jiao *see* Jiao Zhenyou
Zherdienko, V.V., Kirilenko, E.K., Lesnik, S.A., Markov, V.B., Khizhnyak, A.I., Yatsyuk, F.M. Transient two-wave mixing in sodium vapor 44101
Zherikhin, A.N. *see* Bagratashvili, V.N. 21024
Zherikhin, A.N. *see* Vereshchagina, L.N. 18297
Zhernakov, V.N. *see* Prutkovskii, E.N. 8225
Zherzdev, A.V. *see* Pevtsov, A.B. 20548
Zheshan Dong *see* Dong Zheshan
Zhestkov, V.V. *see* Markov, Yu.N. 3299
Zhevlakov, A.P. *see* Danilov, O.B. 35660
Zhevlakov, A.P. *see* Danilov, O.B. 35660
Zhevnyak, O.G. *see* Borzdov, V.M. 34491
Zhezhelenko, I.V., Stepanov, V.P. Development of methods for calculating electrical loads 16119
Zhi, Z., Yan, H. Map image segmentation based on thresholding and fuzzy rules 5105
Zhi Cui, Nilsson, A.A. The impact of correlation on delay performance of high speed networks 45320
Zhi Qiu *see* Qiu Zhi
Zhi-Chuan Zhang *see* Zhang Zhi-Chuan
Zhi-Dong Zhang *see* Zhang Zhi-Dong
Zhi-Fan Zhao *see* Zhao Zhi-Fan
Zhi-Gang Fan *see* Fan Zhi-Gang
Zhi-Gang Jin *see* Jin Zhi-Gang
Zhi-Gao Li *see* Li Zhi-Gao
Zhi-Guang Gu *see* Ping Liu 685
Zhi-Han Qian *see* Qian Zhi-Han
Zhi-Jian Huang *see* Huang Zhi-Jian
Zhi-Jian Wang *see* Wang Zhi-Jian
Zhi-Liang Wang, Wei-Gan Lin Raman or fluorescent scattering by active molecules or ions embedded in a single-mode optical fiber 21019
Zhi-Lun Li *see* Li Zhi-Lun
Zhi-Min Dai, Lei Xu Three-dimensional theory of an ion-ripple laser 43959
Zhi-Min Li *see* Li Zhi-Min
Zhi-Min Yuan *see* Yuan Zhi-Min
Zhi-Ming Lu *see* Lu Zhi-Ming
Zhi-Peng Zhang *see* Zhang Zhi-Peng
Zhi-Shen Liu *see* Liu Zhi-Shen
Zhi-Wen Mo *see* Mo Zhi-Wen
Zhi-Wen Yin *see* Bao-Min Xu 33756
Zhi-Wen Yin *see* Xi-Qi Feng 41244
Zhi-Xiang Chen *see* Chen Zhi-Xiang
Zhi-Yan Xie, Brady, M. Fractal dimension image for texture segmentation 13688
Zhi-Yang Li *see* Li Zhi-Yang
Zhi-Yi Li *see* Zhi-Yong Li 29835
Zhi-Ying Liu *see* Liu Zhi-Ying
Zhi-Yong Li, Zhen-Kang Shen, Zhi-Yi Li Detection and tracking of a moving point target in a low signal-to-clutter plus noise environment 29835
Zhi-Yong Zhang, Shi-Fu Wang, Chong-Zhi Fang, Jing-Li Kang Storage battery performance testing system controlled by 8098 chip microcomputer 6359
Zhi-zhang Xu, Pin-zhong Fan, Li-huang Lin, Yao-ling Li, Xiao-fang Wang, Pei-xiang Lu, Shen-sheng Han, Ru-xin Li, Lan Sun, Ai-di Qian, Zheng-quan Zhang, Jin-zhi Zhou Recent progress in recombination X-ray laser research at Shanghai Institute of Optics and Fine Mechanics (SIOFM) 3453
Zhibin He *see* He Zhibin
Zhibing Pan *see* Kuo, S.M. 22687
Zhibo Fan, Kai-Fong Lee Spectral domain analysis of circular-disk and annular-ring microstrip antennas with dielectric covers or air-gaps 12761
Zhichang Li *see* Li Zhichang
Zhicheng Guan An appropriate artificial pollution test for assessing service performance of silicone rubber insulators 47562
Zhidovainis, R., Lazutka, A., Shilenas, A., Shimulyte, E. The monolithic AlGaAs reflection diode optron 3342
Zhifeng Zhang *see* Mallat, S.G. 44972
Zhifeng Zhuang, Minxun Chen Modeling of VSI fed induction motor—a systematic and general approach 8402
Zhigalkin, A.K. *see* Efimovskii, S.V. 28732
Zhigalkin, A.K. *see* Efimovskii, S.V. 28740
Zhigalkin, A.K. *see* Efimovskii, S.V. 28741
Zhigang Cao *see* Cao Zhigang
Zhigang Fan A simple modification of error diffusion weights 36950
Zhigang Fan *see* Fan Zhigang
Zhigang Xiang *see* Joy, G. 29790
Zhigang Zhou *see* Zhou Zhigang
Zhigao Xu *see* Xu Zhigao
Zhigao Zhang *see* Zhang Zhigao
Zhiglinskii, A.G. *see* Abramenko, M.E. 3470
Zhiglinskiy, A.G. *see* Izmailov, A.M. 20738
Zhiguo Meng *see* Meng Zhiguo
Zhiguo Zhang *see* Zhang Zhiguo
Zhihang Zheng *see* Zheng Zhihang
Zhihao Fang *see* Fang Zhihao
Zhihao Yang *see* Yang Zhihao
Zhihong Hu, Renjie Cheng, Xiangfu Huang Average resonant current method for analysis of zero voltage quasi-resonant converters 8542
Zhihong Mai *see* Fangqiao Zhou 31231
Zhihong Mai *see* Fangqiao Zhou 38500
Zhihong Yang *see* Yang Zhihong
Zhihua Jin *see* Jin Zhihua
Zhihua Wang, Director, S.W. A novel approximation procedure for efficient yield simulation and optimization of integrated circuits 35060
Zhihui Liu *see* Bisong Cao 36430
Zhijian Huang The semilocal convergence of a generalization of Brent's and Brown's methods 26364
Zhijian Li *see* Li Zhijian
Zhijian Ma *see* Ma Zhijian
Zhijian Sun *see* Peiheng Wu 35272
Zhijiang Wang *see* Changhe Zhou 11739
Zhijiang Wang *see* Feng, B. 35904
Zhijiang Wang *see* Mingchang Wang 20921
Zhijiang Wang *see* Yaming Wu 11734
Zhijiang Wang *see* Yaming Wu 20454
Zhijiang Wang *see* Yaming Wu 20456
Zhijiang Wang *see* Yaming Wu 37684
Zhijiang Wang *see* Yingxin Bai 11913
Zhijiang Wang *see* Wang Zhijiang
Zhijing Wang *see* Wang Zhijing
Zhijun Li *see* Li Zhijun
Zhijun Zhao *see* Green, S.I. 36069
Zhikai Liu *see* Liu Zhikai
Zhikharev, E.N. *see* Babin, S.V. 28043
Zhiliang Hong *see* Zeng Xiao Jun 24364
Zhiliang Luo *see* Jiyong Ma 35286
Zhilinskas, M.A., Zubovskiy, I.I., Ivashka, V.P. Magnetostatic oscillations in rectangular cross-section ferrite resonators 42145
Zhilinskii, A.P. *see* Ginzberg, L.P. 11605
Zhilinskii, A.P. *see* Ginzburg, L.P. 11604
Zhil'tsova, I.L. *see* Plyashkevich, I.N. 40348
Zhil'tsova, I.L. *see* Plyashkevich, L.N. 17033
Zhilyaev, B.E., Petukhov, V.N., Kessel'man, I.G., Nedashkovskii, V.N., Svyatogorov, O.A. Characteristics of InSb photodetectors as applied to astronomical observations 31227
Zhilyaev, Yu.V., Kondrat'ev, B.S., Nazarov, N., Tutygin, V.S., Fedorov, L.M. Microplasmas in epitaxial GaP *p-n* structures grown on silicon substrates 1896
Zhilyaev, Yu.V., Lipko, A.L., Mynbaeva, M.G., Nazarov, N., Fedorov, L.M. GaAs *p-n* heterostructures on silicon substrates grown by vapor phase epitaxy in an open chloride system 9554
Zhilyaev, Yu.V., Nazarov, N., Rud, V.Yu., Rud, Yu.V., Fedorov, L.M. Polarization photosensitivity of epitaxial GaP structures on Si substrates 38497
Zhilyaev, Yu.V., Nazarov, N., Rud, Yu.V. Photosensitivity of GaP/Si heterostructures in linearly polarized light 28605
Zhilyaev, Yu.V. *see* Berkeliev, A. 38498
Zhilyaev, Yu.V. *see* Berkeliev, A. 42468
Zhilyaev, Yu.V. *see* Bobrov, A.V. 19367
Zhilyaev, Yu.V. *see* Evstropov, V.V. 10717
Zhimeng, T. *see* Yie, H. 19709
Zhimin, L., Enke, L. A new method for all-silicon double-injection guided-wave electrooptic switch and modulator with junction gate control 11689
Zhimin Yang, Zhuguo Yuan Realization of high-Q SC notch networks 10263
Zhiming Liu *see* Liu Zhiming
Zhiming Nin *see* Nin Zhiming
Zhiming Tang *see* Jingwu Qiu 38477
Zhinong Wei *see* Wei Zhinong
Zhiping Lu *see* Huicong Hong 18131
Zhiping Yu *see* Goossens, R.J.G. 34889
Zhiping Yu *see* Yu Zhiping
Zhiqiang Luo *see* Luo Zhiqiang
Zhiqing Wen *see* Guofan Jin 22122
Zhiqing Xu *see* Xu Zhiqing
Zhiquan Wang *see* Wang Zhiquan
Zhirong Huang *see* Hordon, L.S. 29106
Zhironkina, A.V., Yatsuk, L.P., Katrich, V.A. A twin slot as a coupling element for electrodynamic cavities 36316
Zhironkina, A.V. *see* Yatsuk, L.P. 12725
Zhishan Liang *see* Liang Zhishan
Zhishan Wang *see* Wang Zhishan
Zhitinskaya, M.K., Nemov, S.A., Ravich, Yu.I., Abaidulina, T.G., Kompaneets, V.V., Bushmarina, G.S., Drabkin, I.A. Electrophysical properties of indium-doped bismuth telluride 34550
Zhitong Cao *see* Cao Zhitong
Zhivlyuk, M.Yu. *see* Naumov, A.D. 32096
Zhiwei Dong *see* Dong Zhiwei
Zhiwei Xing *see* Xing Zhiwei
Zhiwei Zhao, Xueqin Li, Cheng, H.D. An effective fuzzy logic approach to image enhancement 29945
Zhiwen Huang *see* Huang Zhiwen
Zhiwen Shi *see* Shi Zhiwen
Zhiwu Wu *see* Wu Zhiwu
Zhixian Cong *see* Cong Zhixian
Zhixiang Xu, Jijie Wang Recognizing the polyhedra including the cylinders based on the trinocular vision 13702
Zhixin Zhong *see* Zhong Zhixin
Zhiyan Feng *see* Feng Zhiyan
Zhiyan Wang *see* Chengxiang Guan 21104
Zhiyi Fang *see* Fang Zhiyi
Zhiyi Zhang, Grattan, K.T.V., Palmer, A.W. Fiber optic thermometry based on fluorescence lifetimes of Cr^{3+} doped materials 31251
Zhiyong He *see* He Zhiyong
Zhiyong Hu *see* Hu Zhiyong
Zhiyong Li *see* Li Zhiyong
Zhiyong Liu *see* Liu Zhiyong
Zhiyong Yuan *see* Yuan Zhiyong
Zhiyu Chao *see* Jianhua Jiang 6922
Zhiyu Jiang *see* Osaka, T. 28316
Zhiyuan Nan *see* Nan Zhiyuan
Zhiyue Lin *see* Chen, J.De.Z. 15865
Zhizhan Xu *see* Peixiang Lu 3458
Zhizhan Xu *see* Xu Zhizhan
Zhizhan Zu *see* Zu Zhizhan
Zhizhang Chen, Silvester, P.P. Analytic solutions for the finite-difference time-domain and transmission-line matrix methods 29118
Zhizhang Ghen, Ney, M.M., Hoefer, W.J.R. Absorbing and connecting boundary conditions for the TLM method 36104
Zhizhang Ren *see* Ren Zhizhang
Zhizhong Guo *see* Guo Zhizhong
Zhizhong Zhang *see* Zhang Zhizhong
Zhmakin, I.N. *see* Parygin, V.N. 20391
Zhmako, S.P. *see* Yumashev, K.V. 21004
Zhmendak, A.V. *see* Dolinsky, A.V. 15287
Zhmendak, A.V. *see* Pavlov, S.N. 7132
Zhmud, A.A. Optical memories based on tunable semiconductor lasers 35310
Zhmud, A.A. Optical digital systems based an tunable semiconductor lasers 35525
Zhmud, N. *see* Sorli, M. 6818
Zhmurova, Z.I. *see* Antipov, A.V. 7196
Zhnegdong Zeng *see* Zeng Zhnegdong
Zholents, A.A. Beam-beam effects in electron-positron storage rings 31601
Zholnerov, V.S. *see* Gevorkyan, A.G. 23391
Zhong, D. *see* McCann, P.J. 26432
Zhong, G.-Q. *see* Chua, L.O. 26644
Zhong, J., Baoren Zhu, Ronghui Li, Yingjie Zhao Measurement of relative intensity noise of semiconductor laser arrays 20866
Zhong, J., Nilsson, G. On generalized photocurrent spectral moments and the recovery of speed distribution in laser Doppler flowmetry 15702
Zhong, J.P. *see* Tzou, H.S. 11397
Zhong, L., Ando, K., Tsuya, H., Shimura, F. Effect of ultraviolet irradiation upon the recombination lifetime of silicon wafers covered with a dielectric film 1825
Zhong, L. *see* Rahman, M.F. 40568
Zhong, W. *see* Grebel, H. 3925
Zhong, W.De *see* De Zhong, W.
Zhong, X.P. *see* Tang, Y.J. 11464
Zhong, Y.-R. *see* Liang, H.-B. 8548
Zhong, Y.X. Advances in coding and compression 4400
Zhong, Z.T. *see* Zhou, X.C. 9602
Zhong Baohua *see* Liu Chengze 25740
Zhong Changqin *see* Zhao Zhongpi 3942
Zhong Chen *see* Chen Zhong
Zhong Fu *see* Fu Zhong
Zhong Guo-Lin *see* Gao Jie 31375
Zhong Guo-Qun *see* Guo-Qun Zhong
Zhong Ming, Han Kai, Yang Zeming, Jin Feng, Zhai Gang, Han Hong Experimental studies of intracavity Raman laser 28723
Zhong Qiang Li *see* Li Zhong Qiang
Zhong Qinghua *see* Zhang Jian 11920
Zhong Qinghua *see* Qinghua Zhong
Zhong Wang *see* Leger, J.R. 28921
Zhong Wang *see* Wang Zhong
Zhong Weizhuo *see* Weizhuo Zhong
Zhong Wen De *see* Wen De Zhong
Zhong Yuanyuan *see* Yuanyuan Zhong
Zhong Zhang *see* Zhang Zhong
Zhong Zhantian *see* Qian Yi 19377
Zhong Zhixin *see* Hua Peizhong 1501
Zhong-can Ou-Yang *see* Sugimura, A. 3807
Zhong-Hai Yang *see* Chang-Jian Tang 10615

Zhong-Ling Qian *see* Yue-Sheng Lu 3766
Zhong-Min Chen *see* Chen Zhong-Min
Zhong-Qi Qiu, Usui, S. Beating time extraction and recognition of drums by adaptive processing 44813
Zhong-Qiu Peng *see* Peng Zhong-Qiu
Zhong-Yue Ren, Min-Zhoung Yan, Xia, J. The intelligent test techniques of the electric machines 32867
Zhong-Zou Lu *see* Lu Zhong-Zou
Zhong-Zuo Lu *see* Lu Zhong-Zuo
Zhongbo Zhou *see* Fang Qian 14971
Zhongcheng Li *see* Yinghua Min 48344
Zhongde Wang, Jullien, G.A., Miller, W.C. The generalized discrete W transform and its application to interpolation 44839
Zhongdong Wang *see* Wang Zhongdong
Zhongfu Xia *see* Xia Zhongfu
Zhonggan Chen *see* Chen Zhonggan
Zhonghai Yang *see* Yang Zhonghai
Zhongjun Wu *see* Wu Zhongjun
Zhongkang Sun *see* Sun Zhongkang
Zhongkang Wu *see* Wu Zhongkang
Zhongkun Suo *see* Suo Zhongkun
Zhonglin Sun *see* Sun Zhonglin
Zhongming Gan *see* Gan Zhongming
Zhongming Luo *see* Songyuan Xu 17134
Zhongpi Zhao *see* Zhao Zhongpi
Zhongping Qin *see* Qin Zhongping
Zhongqi Chen *see* Yuwen Zhang 33394
Zhongqiu Peng *see* Peng Zhongqiu
Zhongshu Shao *see* Shao Zhongshu
Zhongsui Tu *see* Jixian Feng 951
Zhongwei Li *see* Li Zhongwei
Zhongwen Gao *see* Gao Zhongwen
Zhongxi, H. High brightness injector of FEL 3698
Zhongxi Hui *see* Hui Zhongxi
Zhongxi Zhang *see* Zhang Zhongxi
Zhongxiang Shen *see* Shen Zhongxiang
Zhongyang Xu, Xuecheng Zou, Xuemei Zhou, Bofang Zhao, Changan Wang, Hamakawa, Y. Optimum design and preparation of a-Si/a-Si/a-SiGe triple-junction solar cells 25705
Zhongyang Yin *see* Yin Zhongyang
Zhongyi Zhang *see* Zhang Zhongyi
Zhongyong Zhao *see* Zhao Zhongyong
Zhou, B. An overview of optical device research in China 5891
Zhou, B.W., Auzel, F. Mode selection of a Fabry-Perot InGaAsP laser at 1.5μm by the Er^{3+} $^4I_{15/2} \rightarrow {}^4I_{13/2}$ transition 35921
Zhou, C., Chen, J. Switching software reuse using object-oriented technologies and OODB 30582
Zhou, C. *see* Squillante, M.R. 7188
Zhou, C.G. *see* Peng, X.L. 7831
Zhou, D., Su, S., Tsui, F., Gao, D.S., Cong, J.S. A simplified synthesis of transmission lines with a tree structure 26547
Zhou, D., Tsui, F., Gao, D.S. High performance multichip interconnection design 17849
Zhou, D. *see* Watanabe, T. 44110
Zhou, D.S., Holland, O.W., Budai, J.D. Strain relief mechanism for damage growth during high-dose, O^+ implantation of Si 34689
Zhou, D.S. *see* Holland, O.W. 2089
Zhou, F. *see* Danson, C.N. 3569
Zhou, F. *see* De La Rue, R.M. 3866
Zhou, F. *see* Luan, S. 20969
Zhou, F.B. *see* Sinha, P.K. 48363
Zhou, F.B. *see* Sinha, P.K. 48367
Zhou, G., Giannakis, G.B. Comparison of higher-order and cyclic approaches for estimating random amplitude modulated harmonics 4725
Zhou, G., Giannakis, G.B. Statistical models for classification and synthesis of textures 45143
Zhou, G., Nakanishi, Y., Hatanaka, Y. Hot-electron injection EL (HEI-EL) device and its improvement 3351
Zhou, G. *see* Giannakis, G.B. 22915
Zhou, G.L. *see* Lin, M.E. 767
Zhou, G.L. *see* Ma, Z. 27618
Zhou, G.X., Schmitt, J.M., Walker, E.C. Electro-optical simulator for pulse oximeters 15768
Zhou, H. *see* Clarricoats, P.J.B. 12764
Zhou, H. *see* van Roggen, A. 46574
Zhou, H. *see* Yu, F.T.S. 12446
Zhou, H. *see* Zhao, F. 2940
Zhou, H.B. Image processing in a workstation-based distributed system 13742
Zhou, H.S. *see* Ni, H.L. 15679
Zhou, H.X. *see* Ih, C.S. 5672
Zhou, J., Caponio, N. Operative characteristics and application aspects of synchronous intra-bit polarization spreading for polarization independent heterodyne detection 46004
Zhou, J., Caponio, N., Vigna, G. Polarisation-insensitive coherent transmission at 622 Mbit/s by synchronous half-bitrate polarisation spreading 38114
Zhou, J., O'Mahony, M.J., Walker, S.D. Crosstalk effects in a switched multi-wavelength optical transport network 5956
Zhou, J., O'Mahony, M.J., Walker, S.D. Analysis of optical crosstalk effects in multi-wavelength switched networks 46005
Zhou, J., Walker, S.D., O'Mahony, M.J. A new approach for the optical receiver performance analysis involving input optical amplifier noise 45935
Zhou, J. *see* Hill, G.R. 6051
Zhou, J.-H., Elliott, S.R. Deep trapping and recombination in hydrogenated amorphous silicon 27498
Zhou, J.-H., Shimizu, T. Effect of carrier-injection width on the time-of-flight measurement 3318
Zhou, J.-L. *see* Chiao, S.-C. 8768
Zhou, J.-R. *see* Ferry, D.K. 43041
Zhou, J.-R. *see* Yamada, T. 34581
Zhou, J.H. *see* Song, J.J. 15320
Zhou, J.M. *see* Jiazheng Lu 3995
Zhou, J.P. *see* Wang, J.L. 5175
Zhou, J.W., De Marcillac, P., Coron, N., Wang, S., Stroke, H.H., Redi, O., Leblanc, J., Dambier, G., Barthelemy, M., Torre, J.P., Testard, O., Beyer, G., Ravn, H., Mangin, J. Advances towards fast thermal detectors of intermediate mass with high resolution and large dynamic range 6499
Zhou, J.W. *see* de Marcillac, P. 24058
Zhou, J.W. *see* Masse, D. 38841
Zhou, J.Y., Wang, H.Z., Cai, Z.G., Huang, X.G., Yu, Z.X. Optical pulse shaping by spectrally slicing stimulated light scattering generated in anisotropic molecular liquids 21033
Zhou, J.Y. *see* Wu, Q. 20673
Zhou, J.Z. *see* Xu, Z.Z. 35688
Zhou, L., Christie, B. Surface characterization with scanning probe microscopy 6782
Zhou, L. *see* Yuan, R. 8462
Zhou, M., Liu, Z., Yamashita, K. Array processing of wide band signals with computation reduction in coherent and incoherent environment 29676
Zhou, M. *see* Crutcher, L.A. 14023
Zhou, M.-J., De Bruycker, A., Van Calster, A., Witters, J. High voltage implanted RESURF p-LDMOS using BiCMOS technology 20028
Zhou, P., Cheng, J., Sun, S.Z., Hersee, S., Osinski, M., Zolper, J., Myers, D.R., Vawter, G.A. Surface-emitting laser-based optical switching: an update 3392
Zhou, P., Cheng, J., Zolper, J.C., Lear, K.L., Chalmers, S.A., Vawter, G.A., Leibenguth, R.E., Adams, A.C. Monolithic optoelectronic switch based on the integration of a GaAs/AlGaAs heterojunction bipolar transistor and a GaAs vertical-cavity surface-emitting laser 20570
Zhou, P., Khoo, I.C. 'Anti-reflection' coating for a nonlinear transmission to total reflection switch 12397
Zhou, P. *see* Cheng, J. 20573
Zhou, P. *see* Lu, Y.C. 23004
Zhou, Q. *see* Migneco, E. 7144
Zhou, R., Haug, M., Geckeler, K.E., Gopel, W. NO_x sensitivity of monomeric and polymeric N-macrocyclic compounds 6628
Zhou, R. *see* Wang, Y. 24764
Zhou, S., Campbell, S., Wu, W., Yeh, P., Lui, H.-K. Polarization- and space-encoded parallel optical fuzzy logic processor 11781
Zhou, S., Campbell, S., Yeh, P., Liu, H.-K. Optical implementation of the modified signed-digit algorithm 28556
Zhou, S., Liang, C., Rogers, C.A., Sun, F., Vick, L. An in-situ sensory technique for in-service quality monitoring—measurement of the complex Young's modulus of polymers 926
Zhou, S. *see* Namkung, W. 15293
Zhou, S. *see* Wu, W. 3266
Zhou, S. *see* Yeh, P. 11786
Zhou, T.C. Movable mask for Riber Si molecular beam epitaxy system 9558
Zhou, W. The greatest common factor frequency and its application in the accurate measurement of periodic signals 23911
Zhou, W., Bornside, D.E., Brown, R.A. Dynamic simulation of Czochralski crystal growth using an integrated thermal-capillary model 41231
Zhou, W. *see* Zhao, W. 14239
Zhou, W.-S., Su, X.-Y. A direct mapping algorithm for phase-measuring profilometry 31429
Zhou, X., Daryoush, A.S. A push-pull self-oscillating mixer for optically fed phased array 1522
Zhou, X., Daryoush, A.S. Analytical and experimental modeling of a push-pull self-oscillating mixer 27236
Zhou, X. *see* Sturzebecher, D.J. 19036
Zhou, X. *see* Xu, Z. 17391
Zhou, X. *see* Zhang, X. 4346
Zhou, X.C., Jiang, J., Du, A.Y., Zhao, J.W., Mu, S.M., Peng, L.-M., Zhong, Z.T. Strain-field induced crosshatch formation during molecular beam epitaxy of InGaAs/GaAs films 9602
Zhou, X.Q. *see* Pedersen, J.E. 23623
Zhou, Y., Renoux, D., Faure, J.M. Application of the metric tensor to camera calibration 46511
Zhou, Y., Yip, P. The steered pattern averaging technique (SPAT) for direction finding in a multiple coherent signal environment 21911
Zhou, Y., Yip, P.C. Performance analysis of the subspace-based DOA estimator in the presence of unknown noise 36723
Zhou, Y. *see* Darveniza, M. 32488
Zhou, Y. *see* De La Rue, R.M. 46519
Zhou, Y.H. *see* Adams, W.A. 48386
Zhou, Y.M. *see* Xue, K.H. 25638
Zhou, Y.P. *see* Shen, H.Y. 12055
Zhou, Y.R., Watkins, L.R. Effects of fibre dispersion, self-phase modulation and amplifier noise on IM/DD systems with optical preamplifiers 5935
Zhou, Y.R. *see* Watkins, L.R. 29263
Zhou, Y.S., Tiersten, H.F. An analysis of the in-plane acceleration sensitivity of contoured quartz resonators stiffened by identical top and bottom quartz cover plates supported by clips 20065
Zhou, Y.S., Tiersten, H.F. In-plane acceleration sensitivity of contoured quartz resonators stiffened by quartz cover plates supported by clips 20109
Zhou, Z. *see* Abbott, B. 31776
Zhou Benlian *see* Wang Heng 31496
Zhou Bin, Zhao Yiyu, Lu Youchang An analysis of the reactive power and harmonics of current collection circuit 25839
Zhou Bin *see* Bin Zhou
Zhou Bing *see* Chen Juxin 38501
Zhou Bingkun *see* Chai Yanjie 28909
Zhou Bingkun *see* Huo Yujing 20668
Zhou Bingkun *see* Huo Yujing 20671
Zhou Bingkun *see* Huo Yujing 20672
Zhou Bingkun *see* Huo Yujing 20740
Zhou Bingkun *see* Xu Baoxi 20886
Zhou Bingkun *see* Bingkun Zhou
Zhou Binhkun *see* Jiang Xin 20691
Zhou Bo, Lu Yaxuan, Li Xiaojun, Liu Wansheng, Li Diangou Preliminary study on electrochemical corrosion mechanisms of electrode materials 25802
Zhou Bo *see* Lu Yaxuan 25803
Zhou Changhe *see* Changhe Zhou
Zhou Changsheng, Zou Helin, Li Jianjun, Wei Xiwen Numerical analysis and simulations of polysilicon emitter transistor 11158
Zhou Chen *see* Chen Zhou
Zhou Chuangui *see* Peng Xiaolan 7726
Zhou Chuangui *see* Peng Xiaolan 32250
Zhou Chuanming *see* Hui Zhongxi 43693
Zhou Chuxin *see* Chuxin Zhou
Zhou E *see* Lin Heyun 3999
Zhou Fangqiao *see* Fangqiao Zhou
Zhou Faqing *see* Zhang Qinshun 25180
Zhou Fengnian *see* Zhou Shuquan 15043
Zhou Fu-Zheng *see* Fu-Zheng Zhou
Zhou Fuzhen *see* Shen Xiaohua 20669
Zhou Fuzheng *see* Lin Kangchun 12307
Zhou Gang *see* Wu Guoqing 4652
Zhou Genhong *see* Zhang Xizhong 31827
Zhou Guanshan, Zhang Tingqing, Liu Jialu Derivation of the $(R_0A)_T t$ product in N^+-P $Hg_{1-x}Cd_xTe$ photodiodes 35580
Zhou Guien *see* Guien Zhou
Zhou Guo-Zhong *see* Guo-Zhong Zhou
Zhou Hai *see* Clarricoats, P.J.B. 29302
Zhou Haiqing *see* Haiqing Zhou
Zhou Haitain *see* Haitain Zhou
Zhou Hanying *see* Hanying Zhou
Zhou Hong *see* Hong Zhou
Zhou Huashi *see* Zhu Qiming 31589
Zhou Huifen *see* Huifen Zhou
Zhou Jian *see* Jian Zhou
Zhou Jian-hui *see* Jian-hui Zhou
Zhou Jiang-Huai *see* Jiang-Huai Zhou
Zhou Jianhui *see* Jianhui Zhou
Zhou Jianping *see* Jianping Zhou
Zhou Jie *see* Lu Liwu 10729
Zhou Jie *see* Lu Liwu 34608
Zhou Jin-zhi *see* Jin-zhi Zhou
Zhou Jing-Rong *see* Jing-Rong Zhou
Zhou Jingyang *see* Wang Haizhong 7864
Zhou Junming *see* Zhang Yaohui 21047
Zhou Junming *see* Junming Zhou
Zhou Keding *see* Cu Chenglin 8488
Zhou Kuo, Sha Ciwen Conceptual design and performance calculation of a 100 MWt coal-fired MHD generator 25345
Zhou Le Zhu, Davies, J.B., Fernandez, F.A. 3D edge element analysis of dielectric loaded resonant cavities 29260
Zhou Li *see* Li Zhou
Zhou Libing, Xu Shizhang A self-starting two-speed synchronous generator-motor for pumped-storage power station. II. Experiment 47854
Zhou Lijia *see* Lijia Zhou
Zhou Limin *see* Limin Zhou
Zhou Liwei *see* Zhang Ling 21178
Zhou Luwei *see* Luwei Zhou
Zhou Meiling *see* Meiling Zhou
Zhou Ming-Jiang *see* Ming-Jiang Zhou
Zhou Mingbao, Qu Wenlong, Luo Bendong, Hu Rongfang Transient equivalent circuits of induction motors and transient electromagnetic torque analysis 25445
Zhou Minhua *see* Yu Sonyu 5018
Zhou Peifang *see* Peifang Zhou
Zhou Ping *see* Ping Zhou
Zhou Qian *see* Zhao Zhoushe 24242
Zhou Qibo *see* Gao Yun 15086
Zhou Qing-Fen *see* Yuan Guo-Ying 31424
Zhou Quan *see* Li Xueqing 11848
Zhou Rujing *see* Lim Kia Yong 13090
Zhou Rujing *see* Yan Zhounan 17508
Zhou Rujing *see* Rujing Zhou
Zhou Shaomin *see* Shaomin Zhou
Zhou Shi-Xiang *see* Shi-Xiang Zhou
Zhou Shou-Guang *see* Shi Jin-Fa 38693
Zhou Shouzeng *see* Shouzeng Zhou

Zhou Shunhua *see* Shunhua Zhou
Zhou Shuquan, Yang Yaoxin, Zuo Xiaolu, Zhou Fengnian Temperature sensor made of single-mode strongly birefringent optical fiber 15043
Zhou Shutong, Ge Shaochun On the feasibility of electromagnetic missiles 12538
Zhou Tianshu, Huang Qingan, Tong Qinyi A novel analytical model for thin film fully depleted buried N-channel SOI/SDB MOSFET (SOI/SDB FD BC NMOSFET) 2526
Zhou Weidong *see* Weidong Zhou
Zhou Weipin *see* Weipin Zhou
Zhou Weiping *see* Weiping Zhou
Zhou Wen *see* Chen Xiaoguang 6512
Zhou Xiangmin, Rong Meizhi A state-space approach for MIMO network synthesis 18397
Zhou Xiangsheng *see* Yang Shizhong 10026
Zhou Xiao You *see* Xiao You Zhou
Zhou Xiaochuan *see* Qian Yi 19377
Zhou Xiaoqi, Yuan Baozong The morphological representation for discrete and binary image under the noisy background 45053
Zhou Xin *see* Mo Weiguo 24206
Zhou Xuemei *see* Xuemei Zhou
Zhou Xuping *see* Xuping Zhou
Zhou Yan, Jiao Yiming, Zhang Qingchun Optimizing design of variable metal mesh coupler for the HCN laser 28706
Zhou Yan-Shou *see* Jiang Xiu-Zhen 23567
Zhou Yan-Yun *see* Liu Qi-Yuan 47224
Zhou Yan-Zhou, Jiang Xiu-Zhen, Wang Wen-Yi Microcomputer control soft tube measuring—testing instrument 31507
Zhou Yao-Dong, Xu Ji-Fang, Li Ying-Chun Study of the static stress on Francis turbine's runner 47797
Zhou Yinqing *see* Li Chunsheng 15975
Zhou You-He, Yeh Kai-Yuan, Rimrott, F.P.J. Theory of vibrating diaphragm-type pressure sensor 38480
Zhou Yu-Qing *see* Gao Jie 31375
Zhou Yue *see* Yue Zhou
Zhou Yueming *see* Chen Jun 12045
Zhou Yueming *see* Yueming Zhou
Zhou Yutang *see* Yutang Zhou
Zhou Zhang Xing *see* Xing Zhou Zhang
Zhou Zhen-Hong *see* Zhen-Hong Zhou
Zhou Zhen-Zhong A spectral method for a class of nonlinear quasi-parabolic equations 41131
Zhou Zhenlai *see* Wu Xinghui 23747
Zhou Zhigang, Wang Lichen, Wu Jiazheng, Fang Jiyun, Wang Linlin A smart multilayer PTC thermistor 19148
Zhou Zhongbo *see* Zhongbo Zhou
Zhou Zhuyin *see* Zhuyin Zhou
Zhou Zin-Geng, Zhang Wei-Bao, Wang Jian-Hua Optical pulse interval method for measuring twist deformation of turbine blades in rotation 38750
Zhou Zu-Yao *see* Zu-Yao Zhou
Zhou Zuyao *see* Zuyao Zhou
Zhou-Yuan Shang *see* Shang Zhou-Yuan
Zhoubin Wen *see* Wen Zhoubin
Zhounan Yan *see* Yan Zhounan
Zhoushe Zhao *see* Zhao Zhoushe
Zhu, B., Mellander, B.-E. Novel proton conducting ceramics for solid state fuel cells 17263
Zhu, B. *see* Li, D. 13238
Zhu, C., Kinra, V.K. A new technique for time-domain ultrasonic NDE of thin plates 6807
Zhu, C., Li, L.H., Wang, T.J., He, Z.Y. Partial-distortion-weighted fuzzy competitive learning algorithm for vector quantisation 44738
Zhu, D.-M., Lin, F. Fabrication of Ge-Au film thermometers using interfacial atomic diffusion 6840
Zhu, F., Singh, J. On the optical design of thin film amorphous silicon solar cells 17386
Zhu, H., Lindquist, R. Profile control in isotropic plasma etching 2109
Zhu, H. *see* Amadi-Echendu, J.E. 6383
Zhu, H. *see* Smith, D. 17593
Zhu, H.-L. *see* Hillmer, H. 20836
Zhu, H.L. *see* Jiang, X.L. 19541
Zhu, J., Abd-El-Barr, M. On the optimization of MOS circuits 11318
Zhu, J. *see* Chanson, S.T. 5490
Zhu, J. *see* Ciesielski, V. 7367
Zhu, J. *see* Greef, R. 10895
Zhu, J.G., Al-Jassim, M.M., Karam, N.H., Jones, K.M. Defect reduction in GaAs grown on Si by using saw-tooth-patterned substrates 9541
Zhu, J.Z. *see* Zhang, X.K. 38575
Zhu, K., Wong, D.F. On channel segmentation design for row-based FPGAs 26856
Zhu, K. *see* Ural, H. 5237
Zhu, L., Fettweis, A. A new result in the synthesis of incommensurate line networks 990
Zhu, L., Sojka, J.J., Schunk, R.W., Crain, D.J. Theoretical study of polar cap arcs: time-dependent model and its applications 47255
Zhu, L. *see* Chen, T. 41939
Zhu, L. *see* Crain, D.J. 47254
Zhu, M., Hall, J.L. Short and long term stability of optical oscillators 23380
Zhu, M., Hauge, R.H., Margrave, J.L., D'evelyn, M.P. Mechanism for step growth on diamond (100) 33750
Zhu, M. *see* Yardimci, Y. 29834
Zhu, M.J. *see* Li, C.F. 31505
Zhu, N.Y., Landstorfer, F.M. Application of curved parametric triangular and quadrilateral edge elements in the moment method solution of the EFIE 3966
Zhu, N.Y., Landstorfer, F.M., Greving, G., Zeitz, R. Accurate prediction of three-dimensional terrain influence on the glide path of the instrument landing system with extended UTD 15970
Zhu, Q., Dai, W.W.-M. Perfect-balance planar clock routing with minimal path-length 26771
Zhu, Q., Steinberg, B.D. Wavefront amplitude distortion and image sidelobe levels. I. Theory and computer simulations 24253
Zhu, Q., Steinberg, B.D., Arenson, R.L. Wavefront amplitude distortion and image sidelobe levels. II. In vivo experiments 24254
Zhu, Q. *see* Chow, J.-C. 24691
Zhu, Q. *see* Riordan, V. 4994
Zhu, Q.-F., Wang, Y., Shaw, L. Coding and cell-loss recovery in DCT-based packet video 4816
Zhu, Q.-F. *see* Wang, Y. 22030
Zhu, Q.M. *see* Ni, H.L. 15679
Zhu, S.P., Lo, K.L. A novel approach for the evaluation of wheeling rates 7802
Zhu, S.P. *see* Lo, K.L. 39516
Zhu, W.X. *see* Zhang, L.Z. 19572
Zhu, X. *see* Pan, G.W. 4172
Zhu, X. *see* Szymanski, J.J. 38862
Zhu, X. *see* Xiong, G.C. 33618
Zhu, X.-Y., Cahill, L.W. A neural network approach to formant estimation 29553
Zhu, X.D. *see* Thornburg, W.Q. 43446
Zhu, X.Y., Cahill, L.W. Automatic gender identification by voice 13037
Zhu, X.Y., Cahill, L.W. Combining template matching and multilayer perceptron for speaker identification 13067
Zhu, Y., Belhaire, E., Ni, Y., Garda, P. Autocompensated capacitive circuit for stochastic neural networks 34202
Zhu, Y., Dean, M.J. A study on Hooge's empirical 1/f noise relation in semiconductors 27451
Zhu, Y. *see* Coudenys, G. 3403
Zhu, Y. *see* Coudenys, G. 41306
Zhu, Y. *see* Deen, M.J. 28155
Zhu, Y.-H. *see* Guo, J.-E. 38045
Zhu, Y.-S. *see* Li, D. 13238
Zhu, Y.L., Sutanto, D., Morrison, I.F. An expert system for power system restoration 7833
Zhu, Y.L., Sutanto, D., Morrison, I.F. An expert system for power system restoration 32226
Zhu, Y.L. *see* Gu, X.P. 25081
Zhu, Y.L. *see* Sutanto, D. 24838
Zhu, Y.M., Gao, Y., Goutte, R. An investigation of the Wigner model for texture discrimination 13663
Zhu, Y.M., Goutte, R., Gao, Y., Amiel, M. Texture segmentation using 2D Wigner analysis: an evaluation and comparison 13788
Zhu, Z. *see* Hong, W. 6097
Zhu, Z.C. *see* Gu, P.F. 34671
Zhu, Z.Q., Howe, D. Improved methods for prediction of electromagnetic noise radiated by electrical machines 40192
Zhu, Z.Q., Howe, D., Xia, Z.P. Prediction of open-circuit airgap field distribution in brushless machines having an inset permanent magnet rotor topology 47837
Zhu Baoren *see* Baoren Zhu
Zhu Beidi *see* Zeng Xiaoyan 12494
Zhu Ben-ren, Jackson, K.R., Chan, R.P.K. Inverse spectrum problems for block Jacobi matrix 9463
Zhu Bin-ou *see* Bin-ou Zhu
Zhu Congshan *see* Zhang Weiqing 28943
Zhu Daoben *see* Daoben Zhu
Zhu De-Zhang *see* De-Zhang Zhu
Zhu Deheng *see* Jin Xianhe 23875
Zhu Deheng *see* Tan Kexiong 25517
Zhu Dongping *see* Dongping Zhu
Zhu Feng, Zhang Hong-Hai, Chen Ri-Yao, Huang Qi-Kui Study and design of micro-focussing mechanism for acoustic microscope 47290
Zhu Feng *see* Xie Liang-Fu 32140
Zhu Furong *see* Furong Zhu
Zhu Guangxi *see* Luo Huiguo 7648
Zhu Guangxi *see* Luo Huiguo 29866
Zhu Heyuan *see* Zhang Xiaotian 12036
Zhu Hong-Bing *see* Hong-Bing Zhu
Zhu Hong-Wei *see* Liu Ai-Qin 5026
Zhu Hongbin *see* Qiu Zhi 12042
Zhu Hongbin *see* Hongbin Zhu
Zhu Hongliang *see* Jiang Xiangliu 19532
Zhu Hongqing *see* Li Guohui 42661
Zhu Hui *see* Hui Zhu
Zhu Jian Guo *see* Jian Guo Zhu
Zhu Jiancheng *see* Jiancheng Zhu
Zhu Jiang *see* Ma Yuguang 28480
Zhu Jing Spherical motor and its motion path control 8473
Zhu Jinsong *see* Jinsong Zhu
Zhu Li *see* Chong Liu 31455
Zhu Li *see* Li Zhu
Zhu Lijin *see* Kang Xiaoli 43941
Zhu Lin-Sheng, Huang Su-Yi Algorithms for image reconstruction from projections in optical tomography 22248
Zhu Linyu *see* Wu Guangbi 44819
Zhu Lizhong *see* Lizhong Zhu
Zhu Long-Bi *see* Wang Shui-Lai 31137
Zhu Longde, Li Jing, Chen Deyong, Xiong Feike Low pressure MOCVD growth and characterization of InGaAs/InP bulk materials, quantum wells and superlattices 18291
Zhu Longde *see* Yang Zhihong 15015
Zhu Mao-Hua *see* Sun Xiao-Ming 23898
Zhu Meidong *see* Fu Jishi 48111
Zhu Mingkang, Liu Youheng Some results of performance analysis and simulation on VSAT satellite communication network 5837
Zhu Nanzhi, Zhang Qishan Copy theory of generalized Walsh function and its application 44637
Zhu Ning Hua *see* Ning Hua Zhu
Zhu Ping *see* Ping Zhu
Zhu Qi A microcomputer based WHQJ stabilizing control device [for power systems] 32301
Zhu Qi-Ding *see* Cao Li-Qun 623
Zhu Qi-Ding *see* Cao Li-Qun 18106
Zhu Qiming, Zhou Huashi, Jiang Chunhua, Ni Huiling Determining the luminosity for BES by spectrum analysis of Bhabha events in small angle 31589
Zhu Qin, Wang Jing A dual-wavelength frequency stabilized CO_2 laser with four operating frequencies 28722
Zhu Qing *see* Zheng Ning 28244
Zhu Qiuping *see* Fang Zhihao 19858
Zhu Ronghua *see* Ronghua Zhu
Zhu Shi-jing *see* Chen Ting 25120
Zhu Wan-Guo *see* Wan-Guo Zhu
Zhu Weigang *see* Weigang Zhu
Zhu Weihua *see* Mao Yu 10634
Zhu Wen Bin *see* Wen Bin Zhu
Zhu Wenhua *see* Shi Zuoyu 42593
Zhu Wenhua *see* Wenhua Zhu
Zhu Xi-Chen *see* Zheng Wei-Jian 15020
Zhu Xian-De *see* Gu Hui-Ping 38447
Zhu Xiao Ming *see* Xiao Ming Zhu
Zhu Xiao-Bo *see* Wang Hui-Ling 46362
Zhu Xiao-Song, Chen Jia-Sheng New TV color analyzer 38241
Zhu Xiaochun, Wang Hailong, Cao Gendi, Zhang Weizai Lead-salt diode laser at 3~5 μm wavelength region 20773
Zhu Yangming, Wei Yu, Zhuang Tiange Applying Weierstrass approximation theorem for trigonometric polynomials to limited-view tomographic image reconstruction 45054
Zhu Yaoting *see* Luo Huiguo 7648
Zhu Yaoting *see* Luo Huiguo 29866
Zhu Yi-Sheng *see* Yi-Sheng Zhu
Zhu Yong *see* Yong Zhu
Zhu Yong-Yuan *see* Yong-Yuan Zhu
Zhu Yougchang, Tu Demin A new method for measurement of space charge distribution in solid dielectrics—electro-acoustic method 15192
Zhu Yubin, Hou Chaohuan Architecture of a fast Fourier transform processor 1265
Zhu Zhanping *see* Liang Jiben 41247
Zhu Zhao-Da *see* Zhao-Da Zhu
Zhu Zhaoda *see* Wu Yiquan 44847
Zhu Zhaoda *see* Zhang Ming 13264
Zhu Zhaohui *see* Zhaohui Zhu
Zhu Zhenhe, Han Quansheng Advantages of a new configuration of dye laser oscillator 20933
Zhu Zhou Le *see* Zhou Le Zhu
Zhu Zimin, Yu Xinglong, Suo Zhongkun, Jin Guofan, Tan Yaolin Transformation from tristimulus RGB to triattribute HVC in image systems 24155
Zhu Zimin, Yu Xinglong, Suo Zhongkun, Tan Yaolin Technique of semiautomatic separation of object from background in image systems 24154
Zhu Ziqiang *see* Ziqiang Zhu
Zhu Zuhua *see* Wang Shuoqin 28845
Zhuan Liu *see* Davies, P.B. 20650
Zhuang, H. *see* Shieh, J. 22183
Zhuang, J.-Y., Ersoy, O.K. Fast decimation-in-frequency direct binary search algorithms for synthesis of computer-generated holograms 29061
Zhuang, N. *see* Wu, H. 10075
Zhuang, Q. *see* Fang, M.T.C. 25596
Zhuang, W., Chouinard, J.-Y., Yongacoglu, A. Transmission over EHF mobile satellite channels 37943
Zhuang, W., Tranquilla, J. Digital baseband processor for the GPS receiver (parts I and II) 22934
Zhuang, W.H. *see* Luo, C.P. 3313
Zhuang, W.Z.L., Baird, J.P., Williamson, H.M., Clark, R. Real-time reflective holographic interferometry 36039
Zhuang, W.Z.L., Baird, J.P., Williamson, H.M., Clark, R.K. Three-dimensional displacement measurement by a holospeckle interferometry method 6785
Zhuang, X.-P. *see* Koshiba, M. 21315
Zhuang, Y.H. *see* Chen, T.R. 12215
Zhuang, Y.H. *see* Iannelli, J.M. 3625
Zhuang Bao-Hua *see* Zhang Ji-Hua 31440
Zhuang Cantao *see* Cantao Zhuang
Zhuang Dakui *see* Qiu Peihua 12319
Zhuang Deming *see* Deming Zhuang
Zhuang Dukui *see* Dukui Zhuang
Zhuang Guo-zhong Convergence and stability properties of a vector Pade extrapolation method 9450
Zhuang Hanqi *see* Hanqi Zhuang
Zhuang Honglin *see* Chen Chang 46880

Zhuang Jie-Yao *see* Jie-Yao Zhuang
Zhuang Jiejia *see* Jiejia Zhuang
Zhuang Qi, Feng Hao, Wang Chengdong, Sha Guohe, Zhang Cunhao Model for amplifier of pulsed chemical oxygen-iodine laser 12003
Zhuang Qi, Feng Hao, Wang Chengdong, Sha Guohe, Zhang Cunhao Model for amplifier of pulsed chemical oxygen-iodine laser 35670
Zhuang Qi *see* Feng Hao 12017
Zhuang Qing, Wu Li-De, Yuan Mei Qualitative recognition of 3D objects from range image 22156
Zhuang Tiange *see* Zhu Yangming 45054
Zhuang Wanru, Lin Wenhua, Yang Peisheng, Li Ren, Shi Zhiwen, Zhao Yibing, Sun Furong, Gao Junhua, Liu Tao Carrier-injected GaAs/GaAlAs total internal reflection optical switch 28668
Zhuang Wanru *see* Lin Wenhua 21046
Zhuang Weihua *see* Weihua Zhuang
Zhuang Xinhua *see* Xinhua Zhuang
Zhuang Xiu-Ping *see* Xiu-Ping Zhuang
Zhuang Zhifeng *see* Zhifeng Zhuang
Zhuang Zhuo *see* Zhuo Zhuang
Zhuang-De Jiang *see* Jiang Zhuang-De
Zhuanheng Lei *see* Lei Zhuanheng
Zhuanyun Guo *see* Guo Zhuanyun
Zhuck, N.P. The effective permittivity of strongly fluctuating statistically layered medium with arbitrary anisotropy of electromagnetic properties 12516
Zhuck, N.P., Yarovoy, A.G. Two-dimensional scattering from an inhomogeneous dielectric cylinder embedded in a stratified medium: case of TM polarization 44322
Zhudan Zhang *see* Zhang Zhudan
Zhuguo Yuan *see* Zhimin Yang 10263
Zhuhe Li *see* Li Zhuhe
Zhuk, I.V., Lomonosova, E.M., Malykhin, A.P., Yaroshevich, O.I. Solid state nuclear track detectors used for measurements on critical assemblies of the Nuclear Power Engineering Institute of the Academy of Sciences of Belarus 38877
Zhuk, L.G. *see* Daskalyuk, V.P. 43770
Zhuk, N.P., Frankov, A.V., Yarovoy, A.G. Backward scattering of electromagnetic waves by the rough surface of a medium whose dielectric permittivity has an exponential profile 29130
Zhuk, N.P. *see* Batrakov, D.O. 29132
Zhuk, S.Ya., Gorbachevskii, S.K. Space-time filtration in a digital correlation-extremal system, that is stable to trajectory fluctuations 4771
Zhuk, S.Ya., Gorbachevskii, S.K. Object coordinate filtration that is stable to random variations of the measurement-error parameters of a correlation-extremal navigational system 14736
Zhuk, S.Ya., Mekhedov, I.V. Adaptive guidance of a controlled object to a moving target 23106
Zhuk, S.Ya. *see* Gorbachevskii, S.K. 44830
Zhuk, S.Ya. *see* Gupal, V.I. 21698
Zhukov, A.G. *see* Burachas, S.F. 31768
Zhukov, A.N. A problem in aircraft engine theory 47213
Zhukov, E.A. *see* Bespalov, V.I. 3883
Zhukov, E.A. *see* Bespalov, V.I. 21055
Zhukov, M.F., Messerle, V.E., Peregudov, V.S., Engel'sht, V.S. Kindling and stabilization of pulverized fuel burning by low-temperature plasma 25188
Zhukov, S.F., Krichman, I.S. Mathematical diagnostics model for electromechanical relay protection devices 8001
Zhukov, V.G. *see* Drobyshevskii, E.M. 38717
Zhukov, V.M., Yegorov, N.V. Method of calculating the number of active emitters in a multipoint system 10602
Zhukov, V.V. Investigation of arc short circuits in low-voltage electrical installations 24645
Zhulin, V.I. Field transverse structure in free electron laser resonator with a hole in exit mirror 12283
Zhumaliev, K.M. *see* Akaev, A.A. 2946
Zhumik, V.V., Kurganevich, A.V. Diakoptic method for analysis of dynamic modes of electronic circuits 9918
Zhuo Liu *see* Liu Zhuo
Zhuo Yongmo *see* Tu Dawei 6796
Zhuo Zhuang *see* Mu Xiaodong 20379
Zhuo-Xian Zhao *see* Zhao Zhuo-Xian
Zhuoxiang Ren *see* Chengjun Li 44239
Zhuoyu Bao, DeFreez, R.K., Carleson, P.D., Felisky, M.K., Largent, C., Serreze, H.B. Design considerations for high-power GaInP/AlGaInP unstable-resonator semiconductor lasers 35765
Zhuravlev, B.I., Prilepskii, V.V., Gorlatov, V.S. Engineering ion source 15596
Zhuravlev, K.S., Yakusheva, N.A., Shamirzaev, T.S., Pogadaev, V.G., Shegai, O.A. Influence of gadolinium doping of a bismuth molten solution on residual impurities in epitaxial GaAs 33623
Zhuravlev, S.V., Kunitsin, V.E., Usachev, A.B. The characteristics of radio signals which have passed through a layered ionosphere 29175
Zhuravleva, O.V., Kiseleva, N.N., Kurnosov, V.D., Malashina, O.Yu., Chel'nyi, A.A., Shishkin, V.A. Single-frequency GaAlAs/GaAs lasers 43902
Zhuravlyov, G.E., Parsons, S.O., Lamakin, B.V., Salcedo, P. Operational personnel teamwork: comparative investigations in the USA and Russia 39695
Zhuravlyov, G.E. *see* Parsons, S.O. 39693
Zhuravskii, A.G., Slauta, S.P., Zubrilin, F.A. The question of weakening of the influence of variations in the air gap in nondestructive testing of anisotropic electrical steel 9863
Zhuravskii, A.G., Slauta, S.P., Zubrilin, F.A. A method of nondestructive inspection of the magnetic properties of anisotropic electrical steel 18345
Zhuravskiy, O.G., Maglitskiy, B.N., Sitnyakovskiy, I.V. Calculation of the energy spectra of signals employing two-stage formation algorithms 29701
Zhusheng Cheng *see* Cheng Zhusheng
Zhuyin Zhou *see* Yuehui Yu 27646
Zhyliaev, Yu.V. *see* Dostov, V.L. 731
Zi Qian Wang *see* Ning Hua Zhu 3202
Zi-Fang Yang *see* Yang Zi-Fang
Zi-Guang Shi *see* Shi Zi-Guang
Zi-Quan Hong, Jing-Yu Yang An algorithm for camera calibration using a three-dimensional reference point 15085
Ziad, H. *see* Milne, N.G. 8470
Zianni, X., Butcher, P.N. The effect of interface roughness on the transport properties of a two-dimensional electron gas in a Si-MOSFET 42963
Ziaohong Ding *see* Ding Ziaohong
Ziari, M., Steier, W.H. Optical switching in cadmium telluride using a light-induced electrode nonlinearity 3164
Zibei Zhang, Liren Liu Programmable optical triple-in binary logic processor using multiple-imaging 35530
Zibei Zhang *see* Liren Liu 20469
Zibulski, M., Segalescu, V.A., Zeevi, Y.Y. Irregular periodic sampling of images and their derivatives 21825
Zibulski, M., Zeevi, Y.Y. Oversampling in the Gabor scheme 4623
Zibulski, M., Zeevi, Y.Y. Matrix approach to frame analysis of Gabor-type image representation 22121
Zibulski, M., Zeevi, Y.Y. Matrix algebra approach to Gabor-type image representation 30084
Zich, R. Quality and management of engineering education in Italy 17760
Zich, R.E. *see* Daniele, V. 44439
Zichichi, A. *see* Beaumont, S.P. 15637
Zichichi, A. *see* Crotty, I. 31774
Zichichi, A. *see* O'Shaughnessy, K. 47008
Zidbeck, J. *see* Raatikainen, P. 14251
Zidek, F. Calculation of early failure distribution from the renewal function 454
Zidek, H.P., Baghai-Wadji, A.R., Seifert, F.J. Full-wave 3D analysis of singly- and doubly periodic SAW-structures 2753
Zieba, A. Image and sample geometry effects in SQUID magnetometers 23571
Zieba, J. *see* Burzynski, R. 20234
Zieba, J. *see* Orczyk, M.E. 44163
Ziegler, G. Digital protection for transmission installations 16435
Ziegler, J. *see* Schilz, J. 27476
Ziegler, T.W. *see* Smith, R.C. 8184
Zielczynski, M. *see* Golnik, N. 47140
Zielinski, A. *see* Wu, L. 4669
Zielinski, A. *see* Wu, L. 6155
Zielinski, E. *see* Haisch, H. 12164
Zielinski, E. *see* Hofmann, M. 28866
Zielinski, E. *see* Ils, P. 10707
Zielinski, E. *see* Ils, P. 27548
Zielinski, E. *see* Oshinowo, J. 10809
Zielinski, J.S., Jeczkowska, B., Gornicki, W., Kopczynska, D., Kupras, A. Expert systems aiding dispatchers of electric power systems 7856
Zielke, D. *see* Fruhauf, J. 27702
Zielke, T., Brauckmann, M., Von Seelen, W. Intensity and edge-based symmetry detection with an application to car-following 13615
Zieminska, D. *see* Bar-Yam, Z. 46864
Zieniuk, J. High resolution pin scanning microscopy 24528
Zier, D.A. *see* Heddleson, J.M. 2196
Zierhofer, C.M., Hochmair, E.S. A feedback control system for real-time formant estimation. I. Static and dynamic analysis for sinusoidal input signals 29548
Zierhofer, C.M., Hochmair, E.S. A feedback control system for real-time formant estimation. II. Analysis of a hysteresis effect and F2 estimation 29549
Zierold, D., Voyles, R.W., Casada, M., McGee, A. NISCO cogeneration facility 32637
Zieseniss, C.-H. Development history of electric lamps 25932
Zigang Zhang *see* Zhang Zigang
Zigic, A. Performance evaluation of adaptive equalization for microcellular data communications 37894
Zigic, A., Krapels, M.J., Janssen, G.J.M. Performance evaluation of adaptive equalization for measured indoor radio channels at 2.4 GHz, 4.75 GHz and 11.5 GHz 37895
Zigliotto, M. *see* Bolognani, S. 17435
Zigliotto, M. *see* Bolognani, S. 17526
Zignani, F. *see* Demichelis, F. 27495
Zignani, F. *see* Demichelis, F. 28604
Zignani, F. *see* Summonte, C. 8746
Zigon, M. *see* Attaianese, C. 40297
Zigouris, E. *see* Tsakalos, N. 26982
Zihang, R., Lobelle, M. Network management integrating SNMP/CMIP protocol implementations 45368
Zihua Tian *see* Tian Zihua
Zijdenbos, A.P., Dawant, B.M., Margolin, R.A. Automatic detection of intracranial contours in MR images 39005
Zijiang Wang *see* Wang Zijiang
Zijl, G.J.L. A transfrontier approach to cost-effective reduction of air pollution 39928
Zijlstra, T. *see* Cheung, R. 27739
Zijlstra, T. *see* van der Drift, E. 27753
Zijm, W.H.M., van Harten, A. Process planning for a modular component placement system 236
Zijm, W.H.M. *see* Adan, I.J.B.F. 5195
Zilberg, Ye.V. Optimization of a stepped frequency control algorithm in an astatic digital phase synchronization system 33928
Zil'berman, V.A. *see* Kuzhekov, S.L. 16922
Zilbershtein, A.Kh., Roskova, G.P., Solovev, L.E., Tsekhomskaya, T.S. Selective scattering by porous glasses and dispersive optical filters 35551
Zili Xie *see* Xie Zili
Ziling, C.C., Kolosovskaya, A.E. Minimal half-wave potentials achievable in electrooptic modulators based on diffused channel waveguides 28508
Zilinskas, A. On convergence of algorithms for broad classes of objective functions 564
Zilinskas, V. *see* Whitman, J.W.E. 32105
Zilko, J.L. *see* Bo Lu 45734
Zilouchian, A. *see* Erdol, N. 4478
Zilverberg, N. *see* Mitchell, H.B. 45085
Zimaglia, C. *see* Boglietti, A. 40569
Zimcik, D.G. *see* Luscombe, A.P. 32073
Zimenko, V.I. *see* Petrov, V.V. 46554
Zimin, E.F., Kochanov, E.S. Electrode direct capacitances of multicomponent systems 36097
Zimin, Yu.A. *see* Vol'pov, A.L. 14919
Zimin Zhu *see* Zhu Zimin
Zimin Zu *see* Zu Zimin
Zimmer, C. *see* Buczek, H. 11625
Zimmer, C. *see* Limberger, H.G. 28473
Zimmer, G. *see* Banerjee, S.K. 6126
Zimmer, M.J., Goodwin, L.M., Ralls, M.A. PUHCA policy shapes new electric power industry for the 1990s 7850
Zimmer, R., MacDonald, A., Holte, R. Describing and verifying systems: a compositional algebra for Petri nets 9417
Zimmer, R., MacDonald, A., Holte, R. Automated representation changing for problem solving and electronic CAD 18399
Zimmer, W. *see* Biester, M. 14418
Zimmer, W.J. *see* Pandey, A. 40915
Zimmerl, L., Strobl, J. Medium voltage bus bar protection with correction of current transformer saturation 25050
Zimmerman, B. Metaphor, frame, and nonverbal communication: an ethnographic study of a technical writing classroom 117
Zimmerman, B.J. *see* Busta, H.H. 23560
Zimmerman, C.M. *see* Campbell, J.J. 39750
Zimmerman, G.A., Flanagan, M.J. Spur-reduced numerically-controlled oscillator for digital receivers 21903
Zimmerman, G.L., Viet Nguyen Motion perception at equiluminance for computational vision systems 30033
Zimmerman, J. *see* Chettri, S.R. 5043
Zimmerman, J. *see* Fanourakis, G.K. 24011
Zimmerman, K.R. A comparative assessment of the capabilities of selected 'integrated' planning models which might be used in least cost integrated resource planning 47439
Zimmerman, L.E. *see* Walling, R.A. 25496
Zimmerman, M.C. *see* Shieh, S.-J. 38978
Zimmerman, N.M. *see* Liddle, J.A. 11001
Zimmerman, T., Sarraj, M., Yarema, R.J. Design of an advanced readout chip for silicon strip detectors 24092
Zimmerman, T. *see* Britton, C.L., Jr. 46993
Zimmerman, T. *see* Yarema, R.J. 18546
Zimmerman, W.R., Wellems, L.D. Measuring the transfer impedance and admittance of a cylindrical shield using a single triaxial or quadraxial fixture 36227
Zimmermann, B. *see* Yaniv, G. 23675
Zimmermann, C. *see* Hemmerich, A. 44066
Zimmermann, F. Dynamic aperture and emittance growth rates in the HERA proton ring 38784
Zimmermann, G. *see* Schurmann, B. 26618
Zimmermann, H. The diffusion of gold during the gettering influence of phosphorus 42639
Zimmermann, H. *see* Casey, J.D., Jr. 42716
Zimmermann, H. *see* Rudolph, P. 33582
Zimmermann, J. *see* de Murcia, M. 10670
Zimmermann, M. *see* Tutken, T. 28807
Zimmermann, S., Kuban, D. A video pan/tilt/magnify/rotate system with no moving parts 38554
Zimmert, G. Return cables in overhead power systems 48345

Zimoglyadova, E.A. *see* Verbovetskii, A.A. 15060
Zimpfer, S. *see* Jacobson, T.L. 30398
Zimsek, A. *see* Terbuc, M. 14249
Zimulinda, F. *see* Kunz, A. 21311
Zin-Geng Zhou *see* Zhou Zin-Geng
Zinchenko, L.A. Application of N-terminal network equivalent transformations to the problem of equivalent circuit design 9917
Zinchenko, L.A., Negodenko, O.N., Lipko, S.I., Prokopenko, V.G. Computer modeling of transistor analogs of negatrons 18401
Zinchenko, S.I. *see* Ageev, A.I. 15546
Zinchenko, S.P., Petrash, G.G., Sern, M.F. Active optical systems with a helium-strontium recombination amplifier 3432
Zinchenko, T.R. *see* Raschepkin, A.P. 27320
Zinchuk, V.M. *see* Borisov, V.I. 45747
Zinck, J.J., Rajavel, D. Divinylmercury as a precursor in the metalorganic molecular beam epitaxy of Hg containing II-VI materials 41384
Zingales, G. Present state and prospects of standardization on PD measurements 38371
Zingaro, R.A. *see* Estrada, C.A. 41395
Zingaro, R.A. *see* Nair, M.T.S. 9674
Zinger, D.S. *see* Mir, S.A. 40194
Zingerenko, Ya.A., Plotkin, M.A. Standardized transmission equipment utilizing the VOSP-480M single-mode optical cable 14609
Zini, G. Control of electric power systems 32279
Zini, G. *see* Giglioli, R. 48309
Zink, E. *see* Garn, H.F. 36284
Zinke, O.H., Schmidt, W.F. Linear AC magnetic circuit theory 4022
Zinke, T., Fischer, U., Splett, A., Schuppert, B., Petermann, K. Comparison of optical waveguide losses in silicon-on-insulator 11666
Zinke, T. *see* Fischer, U. 43487
Zinke, T. *see* Splett, A. 38521
Zinkler, F. *see* Gungerich, V. 1583
Zinnecker, P. *see* Euteneuer, H. 15286
Zinner, A. *see* Voigtlander, B. 9550
Zinov'ev, A.V. *see* Ametov, S.D. 28940
Zinoviev, V.A., Katsman, G.L. Universal code families 29469
Zinser, K., Herbst, L.W. Advanced process display and multimedia technologies for optimizing power plant control 8154
Zinser, K. *see* Schwab, A.J. 209
Zinsky, L. *see* Staudt, J.E. 32709
Zinth, W. *see* Hamm, P. 20994
Zintsmaster, L.R. WIDE EYE helmet mounted display system for rotorcraft applications 39246
Zintsmaster, L.R. WIDE-EYE helmet mounted display system for rotorcraft applications 47178
Ziock, H.-J., Holzscheiter, K., Morgan, A., Palounek, A.P.T., Ellison, J., Heinson, A.P., Mason, M., Wimpenny, S.J., Barberis, E., Cartiglia, N., Grillo, A., O'Shaughnessy, K., Rahn, J., Rinaldi, P., Rowe, W.A., Sadrozinski, H.F.-W., Seiden, A., Spencer, E., Webster, A., Wichmann, R., Wilder, M., Frautschi, M.A., Matthews, J.A.J., McDonald, D., Skinner, D., Coupal, D., Pal, T. Temperature dependence of the radiation induced change of depletion voltage in silicon PIN detectors 46885
Ziock, H.J., Boissevain, J.G., Holzscheiter, K., Kapustinsky, J.S., Palounek, A.P.T., Sondheim, W.E., Barberis, E., Cartiglia, N., Leslie, J., Pitzl, D., Rowe, W.A., Sadrozinski, H.F.-W., Seiden, A., Spencer, E., Wilder, M., Ellison, J.A., Fleming, J.K., Jerger, S., Joyce, D., Lietzke, C., Reed, E., Wimpenny, S.J., Ferguson, P., Frautschi, M.A., Matthews, J.A.J., Skinner, D. Temperature dependence of radiation damage and its annealing in silicon detectors 7184
Ziogas, P. *see* Espinoza, J. 17091
Ziogas, P. *see* Vincenti, D. 17082
Ziogas, P.D. *see* Agelidis, V.G. 40345
Ziogas, P.D. *see* Joos, G. 40323
Ziogas, P.D. *see* Moran, L. 25554
Ziolkowski, M. 3D scalar or vector magnetic field—how one can see it 44216
Ziolkowski, M. *see* Gratkowski, S. 21164
Ziolkowski, M. *see* Gratkowski, S. 44214
Ziolkowski, R.W. Ultra-wide bandwidth, multi-derivative electromagnetic systems 46043
Ziolkowski, R.W., Judkins, J.B. Application of the nonlinear finite difference time domain (NL-FDTD) method to pulse propagation in nonlinear media: self-focusing and linear-nonlinear interfaces 3885
Ziolkowski, R.W., Judkins, J.B. Applications of discrete methods to pulse propagation in nonlinear media: self-focusing and linear-nonlinear interfaces 3889
Ziomek, W., Moscicka-Grzesiak, H. Relation of breakdown voltage and prebreakdown microdischarge parameters in vacuum 2701
Zion Cah *see* Yong-Ho Oh 2278
Ziou Djemel *see* Djemel Ziou
Zipfel, G.L. *see* Yanof, A.W. 27979
Zipp, J. *see* Bohmann, L.J. 32426
Zipser, L. Selectivity of sensor systems 6400
Ziqiang Zhu, Ebisutani, T., Takebayashi, K., Tanaka, K., Yao, T. Nitrogen-doped ZnSe grown on 4°-misoriented GaAs(100) and GaAs(211) by molecular beam epitaxy 41355
Zirath, H., Angelov, I., Rorsman, N., Karlsson, C. A W-band subharmonically pumped resistive mixer based on pseudomorphic heterostructure field effect transistor technology 1591
Zirath, H., Angelov, I., Rorsman, N., Karlsson, C., Kollberg, E. A balanced W-band HFET doubler 27274
Zirath, H. *see* Angelov, I. 1607
Zirilli, F. *see* Bartoloni, A. 32087
Zirizzotti, A.E. *see* Pallottino, G.V. 28217
Zirka, S.E. *see* Vdovin, S.S. 6717
Zirka, S.E. *see* Vdovin, S.S. 27328
Zirngibl, M. Novel photonic integrated circuits for wavelength routing in WDM networks 28498
Zirngibl, M. *see* Young, M.G. 23005
Zironi, E.P. *see* Falcony, C. 9720
Ziskand, I., Hertz, D. Multiple frequencies and AR parameters estimation from one bit quantized signal via the EM algorithm 21728
Ziskind, I., Hertz, D. Maximum-likelihood localization of narrow-band autoregressive sources via the EM algorithm 4627
Zisman, M. *see* Fieguth, T. 15555
Zisman, M.S. Physics and technology challenges of BB factories 31610
Zisman, W.A. *see* Dorfan, J. 15288
Zitoun, R. *see* Dell'Acqua, A. 46998
Zitter, R.N., Xuesong Zhang, Abraham-Shrauner, B. Current generated periodic space charge in semiconductor diodes with non-Ohmic injection 19727
Zitterbart, M. *see* Tantawy, A.N. 22509
Ziv, J., Merhav, N. A measure of relative entropy between individual sequences with application to universal classification 21465
Zivic, A., Zivic, Z. Red ferrite technology—dream or reality 11473
Zivic, Z. *see* Zivic, A. 11473
Zivkov, B., Ferguson, B., Gupta, M. R4200: a high-performance MIPS microprocessor for portables 41911
Zivkov, B. *see* Gupta, M. 41912
Zivkov, B. *see* Yeung, N. 41913
Zixiang Ju *see* Ju Zixiang
Zixin Lin *see* Lin Zixin
Ziyi Quan *see* Quan Ziyi
Ziyyat, A., Picard, D., Bolomey, J.C. Impact of probe array-test antenna interaction on the accuracy of near-field techniques in spherical coordinates 29287
Zizhu Dai *see* Dai Zizhu
Zizong Xu *see* Xu Zizong
Zizzo, D., Dayal, Y., Carroll, D., Hashimoto, S., Ishida, T. A human-machine interface for multireactor operation 32550
Zlahtic, F. A potential gradient measuring device based on a differential method 47598
Zlatanov, Z., Maksimov, M. Growth, structural, and electrophysical investigations of $Pb_{1-x}Gd_xTe$ thin layers 41276
Zlatsin, Y. *see* Kemp, R.C. 7959
Zlobin, A.V. *see* Ageev, A.I. 15546
Zlobin, V.A. Electron beam technology for power semiconductor device fabrication 2386
Zlokazov, V.B. *see* Gorlanov, S.F. 1087
Zloof, Y. *see* Peled, A. 19160
Zlotnicka, A. *see* Neaves, G. 11184
Zlotnikov, L.F. *see* Bukach, A.B. 47910
Zmeskal, O. *see* Schauer, F. 42438
Zmicherevski, A.B. *see* Vinogradov, K.M. 21932
Zmola, C., Segal, A., Lovewell, B., Nash, C. Adaptive texture filtering for defect inspection in ultrasound images 4975
Zmuda, M.W., Pentrack, D., Bulcock, W.R., Greenwell, R.A., Lloyd, J.E. In-situ measurements of the effects of neutron irradiation on polarization maintaining fiber 3030
Zmudzinski, C., Botez, D., Mawst, L.J., Tu, C. Coherent, one watt CW operation of large aperture resonant arrays of antiguides 20821
Zmudzinski, C. *see* Botez, D. 11643
Zmudzinski, C. *see* Mar, A. 43914
Zmudzinski, C. *see* Mawst, L.J. 12182
Zmudzinski, C. *see* Mawst, L.J. 20823
Znak, V.I., Panov, S.M. Interactive data processing algorithm for vertical seismic profiling 39343
Znamensky, N.V. *see* Manykin, E.A. 2944
Znati, T., Field, B. A network level channel abstraction for multimedia communication in real-time networks 5251
Znati, T. *see* Field, B. 22314
Znati, T.F. *see* Muh-rong Yang 37080
Znaty, S. Intelligence in network management: methodological approach 5369
Znaty, S. Quality of service of a high speed multinetwork: from a model to its realization 37300
Znaty, S., Sclavos, J. Annotated bibliography on network management 45446
Znaty, S., Simoni, N. An object oriented methodology for realization and management of a high speed gateway 14210
Znaty, S. *see* Arsenis, S. 13865
Zng-Duo Dai *see* Jun-Hui Yang 12961
Zobel, F. *see* Volkel, R. 3374
Zobel, M. *see* Brauner, G. 24753
Zoboli, M. *see* Di Pasquale, F. 43766
Zoboli, M. *see* Gao, P. 3283
Zobov, M. *see* Bartalucci, S. 7054
Zobov, M. *see* Bartalucci, S. 31551
Zobrist, R. Fire alarms 33305
Zocchi, F.E. *see* Gatti, E. 24003
Zocchi, M. *see* Sberveglieri, G. 6632
Zoccoli, A. *see* Bertin, A. 31795
Zocholl, S.E. *see* Benmouyal, G. 32472
Zoetelief, J., Jansen, J.T.M., de Wit, N.J.P. Determination of image quality in relation to absorbed dose in mammography 15788
Zoetelief, J. *see* Geleijns, J. 24174
Zogg, H. *see* Fach, A. 38555
Zoglauer, M. *see* Friedrich, K. 32879
Zohar, S. Spectral window of the acousto-optic folded spectrum analyzer 20435
Zohta, Y., Tanamoto, T. Improved optical model for resonant tunneling diode 19744
Zoido, J. *see* Guerrero, H. 6519
Zoia, J.G. *see* Glas, G.O. 33920
Zolfaghari, A., Kaudel, F.J. Framework for network survivability performance 37169
Zolla, F., Petit, R., Cadilhac, M. Electromagnetic theory of diffraction by a system of parallel rods: the method of fictitious sources 44281
Zolla, F. *see* Petit, R. 21219
Zoller, P. Modern processing techniques: the route to high-grade outdoor insulation and dry-type transformers 16933
Zolnierek, A. The experimental investigations of pattern recognition algorithms for second-order Markov chains 22074
Zolotarev, M.V., Safronov, A.N. Neuro-adaptive coherent imaging 13509
Zolotarev, M.V. *see* Alimin, D.D. 12282
Zolotarevski, L. *see* Ashkinazi, G. 9570
Zolotarevski, L. *see* Ashkinazi, G. 11136
Zolotarevski, L. *see* Ashkinazi, G. 19747
Zolotarevski, L. *see* Ashkinazi, G. 42844
Zolotarevski, O. *see* Ashkinazi, G. 9570
Zolotarevski, O. *see* Ashkinazi, G. 11136
Zolotarevski, O. *see* Ashkinazi, G. 19747
Zolotarevski, O. *see* Ashkinazi, G. 42844
Zolotarjova, E. *see* Arkhipov, N. 2927
Zolotorev, M. *see* Ross, M.C. 15416
Zolotorev, M. *see* Saez, P. 23989
Zolotorev, M. *see* Schultz, D. 38807
Zolotorev, M. *see* Schultz, D.C. 7140
Zolotorev, M.S. *see* Mikhailichenko, A.A. 23980
Zolotoverkh, I.I., Kravtsov, N.V., Lariontsev, E.G., Makarov, A.A., Firsov, V.V. Spectrum of relaxation frequencies of a solid-state ring laser under self-modulation lasing conditions 44023
Zolotukhin, Yu.N. *see* Bobko, V.D. 14354
Zolper, J. *see* Martens, J.S. 6757
Zolper, J. *see* Zhou, P. 3392
Zolper, J.C., Myers, D.R. Rapid thermal processing for strained-layer semiconductor devices 1906
Zolper, J.C., Myers, D.R. Rapid thermal processing for strained-layer semiconductor devices 27615
Zolper, J.C., Schneider, R.P., Jr., Lott, J.A. Formation of high resistivity regions in p-type $Al_{0.5}In_{0.5}P$ by ion implantation 10667
Zolper, J.C. *see* Bo Lu 45734
Zolper, J.C. *see* Lott, J.A. 20811
Zolper, J.C. *see* Zhou, P. 20570
Zoltowski, M.D. *see* Sherman, D.L. 7430
Zoltowski, M.D. *see* Sherman, D.L. 44992
Zolzer, U. *see* Fliege, N.J. 13405
Zombory, L. *see* Petre, P. 44327
Zomeren, A.van *see* van Zomeren, A.
Zommer, N. *see* Ochi, S. 8012
Zommer, N. *see* Ochi, S. 18489
Zomp, J.M. *see* Chantry, P.J. 23390
Zon, G.D. Integrated coal gasification combined cycle (ICGCC) 25236
Zon-Yin Shae *see* Mon-Song Chen 14297
Zondervan, A., Bauer, T.S., Boontje, R., van den Born, E.A., Calarco, J.R., Countryman, P.J., Hesselink, W.H.A., Jans, E., Kalantar-Nayestanaki, N., Kester, L.J.H.M., Kok, E., Konijn, J., Kruszynska, M.N., Kwakkel, E., de Leo, R., Mitchell, J.H., Mul, F.A., Nooren, G.J.L., Pellegrino, A., Steijger, J.J.M., Visschers, J.L., van Wijk, R.F., Zwart, A.N.M. A large-acceptance proton scintillator detection system for electron scattering experiments 46867
Zondy, J.J., Abed, M., Acef, O., Rovera, D.G., Gerard, A.H., Clairon, A., Laurent, Ph., Millerioux, Y., Juncar, P. High-level accuracy measurement of the absolute frequency of the red $He\text{-}Ne/I_2$ laser stabilized 3452
Zone, O. *see* de Souza, C.C. 26382
Zong-Duo Dai *see* Jun-Hui Yang 12967
Zong-Min Wu, Schaback, R. Local error estimates for radial basis function interpolation of scattered data 41122
Zong-Ning Xie *see* Xie Zong-Ning
Zongchang Wang *see* Wang Zongchang
Zongfu, L. *see* Hexu, S. 8571
Zonglin Zhang *see* Zhang Zonglin
Zongo, P.-H. *see* Yu, Q. 20298
Zongpei Wang *see* Wang Zongpei
Zongshu, S. *see* Xuefeng, Y. 11555
Zongshu Shao *see* Jingqian Wei 44092
Zongshu Shao *see* Xuefeng Yue 44053
Zongshu Shao *see* Xuefeng Yue 44131
Zongshu Shao *see* Shao Zongshu
Zongxin Wang *see* Wang Zongxin
Zongxun Shu *see* Shu Zongxun
Zongyu Bao *see* Bao Zongyu
Zongyuan Ye *see* Ye Zongyuan
Zoni, G. *see* Bixio, A. 15508

Zonshain, E.M. *see* Nesmelova, I.M. 15235
Zook, B.J. *see* Mahrer, K.D. 47228
Zook, D. *see* Schoess, J.N. 7542
Zoppoli, R. *see* Parisini, T. 13922
Zorenko, A.V. *see* Vassilevski, K.V. 19754
Zorian, Y. *see* van de Goor, A.J. 10174
Zorkaltsev, V.I. A mechanism of managing Russia's fuel and power complex in the post-crisis period 24662
Zorkaltsev, V.I. Management of the fuel and energy complex under a two-sector economy 47387
Zorn, C. *see* Majewski, L.A. 31679
Zorn, C. *see* Weisenberger, A. 1815
Zorn, C. *see* Wojcik, R. 7244
Zorn, C. *see* Wojcik, R. 31687
Zorn, C. *see* Wojcik, R. 46866
Zorn, M. *see* Jonsson, J. 41360
Zory, P.S. *see* Luo, H.J. 43904
Zorzi, G.De *see* De Zorzi, G.
Zorzi, M., Milstein, L.B. Power control on the forward link in cellular CDMA 45846
Zorzi, M., Pupolin, S. Outage probability in mobile packet radio networks with interferers distributed along a straight line 45871
Zorzi, M., Rao, R.R. Slotted ALOHA with capture in a mobile radio environment 45849
Zoski, G.D. *see* Murphy, T.C. 17249
Zoth, G. *see* Bergholz, W. 2642
Zoth, G. *see* Fiegl, B. 10743
Zoth, G. *see* Kolbesen, B.O. 2002
Zotov, A.V., Khramtsova, E.A., Lifshits, V.G., Kharchenko, A.T., Ryzhkov, S.V., Demidchik, A.N. Growth of ultrathin aluminum films on Si(110) 19623
Zotov, I.V. *see* Andreev, I.Yu. 30195
Zotov, O.V. *see* Chashchin, S.P. 11875
Zotova, N.V. *see* Aydaraliev, M. 3614
Zotova, N.V. *see* Bresler, M.S. 34587
Zotter, B. Comparison of theory and experiment on beam impedances: the case of LEP 6986
Zotto, P. *see* Gasparini, F. 7223
Zou, F., Katerle, A., Nossek, J.A. Homoclinic and heteroclinic orbits of the three-cell cellular neural networks 27112
Zou, F. *see* Pletl, J. 26657
Zou, L. *see* Sayer, M. 28322
Zou, L. *see* Schindel, D.W. 16069
Zou, L. *see* Schindel, D.W. 47298
Zou, N. *see* Chen, Q. 19906
Zou, P.L. *see* Dionisi, S. 14063
Zou, S.C. *see* Zhang, S.K. 27641
Zou, W.-X., Law, K.-K., Wang, L.-C., Merz, J.L., Hager, H.E., Hong, C.-S. Unique top-driven low-threshold lasers by impurity-induced disordering 12203
Zou, W.-X. *see* Helkey, R. 20896
Zou, X. *see* Xu, Z. 17391
Zou, X.Y. *see* Grayson, T.P. 28973
Zou, Y., Osinski, J.S., Grodzinski, P., Dapkus, P.D., Rideout, W., Sharfin, W.F., Crawford, F.D. Effect of strain on 1.5 μm quantum well lasers 20835
Zou, Y., Osinski, J.S., Grodzinski, P., Dapkus, P.D., Rideout, W.C., Sharfin, W.F., Schlafer, J., Crawford, F.D. Experimental study of Auger recombination, gain, and temperature sensitivity of 1.5 μm compressively strained semiconductor lasers 12111
Zou, Y. *see* Osinski, J.S. 12112
Zou Chang-Ping *see* Tang Chao-Wei 23899
Zou Fan *see* Fan Zou
Zou Fengwu, He Zhiyong, Jia Kechang Anisotropic magnetoresistive sensors and magnetometers applying alternating bias magnetic field 15173
Zou Guangtian *see* Yu San 18293
Zou Haixing, Zhang Yudong Study of excimer laser direct projective lithography 2380
Zou Haizing, Yan Qihua, Yan Yu A new ring array off-axis illumination system for sub-half-micron lithography 2280
Zou Helin *see* Zhou Changsheng 11158
Zou Huizhu *see* Ma Xiaocui 31327
Zou Jian, Liu Yan, Huang Shang-Lian Distributed fiber optical temperature sensor using digital boxcar integrator 31244
Zou Jian *see* Li Zhi-Gao 38526
Zou Jian *see* Shi Wen-Jiang 28457
Zou Junping *see* Junping Zou
Zou Lixun *see* Jiang Lingzhen 12412
Zou Nanzhi *see* Nanzhi Zou
Zou Schichang *see* Li Jinhua 27590
Zou Shi-Chang *see* Shi-Chang Zou
Zou Shichang *see* Chen Guoliang 35277
Zou Shichang *see* Shi Zuoyu 42593
Zou Shichang *see* Shichang Zou
Zou Wei-Xiong *see* Wei-Xiong Zou
Zou Xuecheng *see* Xuecheng Zou
Zouain, J. *see* Cosmas, J.P. 5799
Zouari, I., Pierre, C., Lapicque, F., Calvo, M. Maskless zinc electrodeposition assisted by a pulsed laser beam 787
Zoubir, A.M. Gaussianity test for zero-skewed real and complex data 6108
Zoubir, A.M. Bootstrap: theory and applications 36471
Zoubir, A.M., Grewing, T., Bohme, J.F. Tests for optimizing sensor positions using linear regression 15260
Zouganeli, P., Rivers, A.W., Parry, G., Roberts, J.S. Implementation of symmetric Fabry-Perot quantum well electroabsorption modulators in symmetric self-electrooptic effect devices 28513
Zouganelis, G. *see* Panagiotopoulos, I. 35224
Zoughi, R. *see* Edwards, J. 18363
Zoughi, R. *see* Ganchev, S.I. 38651
Zouridakis, G. *see* Jansen, B.H. 39069
Zovko, J. *see* Oser, R.L. 15951
Zovko-Cihlar, B. War damage to the telecommunications infrastructure in Croatia 22379
Zoz, J., Borchert, B. Dynamic behaviour of complex-coupled DFB lasers with in-phase absorptive grating 28809
Zoz, R. *see* Klefenz, F. 15666
Zoz, R. *see* Klefenz, F. 38892
Zozulya, A.A. *see* Bogodaev, N.V. 12360
Zozulya, A.A. *see* Bogodaev, N.V. 21052
Zrenner, A. *see* Bernhard, K. 43538
Zrenner, D. *see* Pevtsov, A.B. 20548
Zrnic, D.S., Bringi, V.N., Balakrishnan, N., Aydin, K., Chandrasekar, V., Hubbert, J. Polarimetric measurements in a severe hailstorm 15995
Zrnic, D.S. *see* Zahrai, A. 39375
Zschokke-Granacher, I. *see* Samoc, A. 12355
Zu Hong-Bo *see* Hong-Bo Zu
Zu Linzhang *see* Meng Jianbo 6855
Zu Qinxin, Peebles, W.A., Jing, C., Cardenas, L., Burns, S., Luhmann, N.C., Jr. Experimental studies of 374 μm $^{15}NH_3$ optically pumped far-infrared laser 12020
Zu Shirong *see* Shirong Zu
Zu Zhizhan *see* Ouyang Bin 3557
Zu Zimin *see* Xie Zili 641
Zu-Yao Zhou *see* Ping Liu 685
Zubairy, M.S. *see* Shakil-ur-Rehman 35529
Zubal, I.G. *see* Gindi, G. 39025
Zubal, I.G. *see* Hademenos, G.J. 15755
Zubal, I.G. *see* Lee, M. 39012
Zubanov, K.K. *see* Astakhov, Yu.N. 16490
Zubarev, I.G. *see* Gordeev, A.A. 28922
Zubarev, V.P., Kamynin, S.M. Statistical identification of the magnetization-curve parameters of a magnetic circuit by means of a computer 36124
Zubatov, N., Rivtis, A. Noncontact method of the flame-gas temperature measurement in coal-fired MHD-generators 25807
Zuben, A.A.G.Von *see* Von Zuben, A.A.G.
Zubenko, V.I., Kornev, V.I., Kupriyanov, A.P., Ermel, V.E. Varistor stabilizer of nanosecond voltage pulses with phase control 8524
Zuberek, W. *see* Konczykowska, A. 11116
Zubia, J.N. *see* Eljrushi, G.S. 32539
Zubinski, J., Adamowska, M., Wnukiewicz, B. The effect of $CaCO_3$ addition on some properties of PTC elements 10526
Zubkov, A.M. *see* Glazov, V.M. 34492
Zubkov, V.I. *see* Babichev, R.K. 11504
Zubkov, V.I. *see* Babichev, R.K. 11505
Zubkov, V.I. *see* Babichev, R.K. 29225
Zubkov, V.I. *see* Babichev, R.K. 43329
Zubkov, V.I. *see* Vashkovskiy, A.V. 44231
Zubkov, V.L. *see* Batanov, A.S. 4334
Zubov, A.S. *see* Apletalin, V.N. 31402
Zubov, V.A. Measurement of ultrashort laser radiation pulses with a three-channel correlator 44036
Zubov, V.A., Kraiskii, A.V., Sultanov, T.T. Use of nonstationary fields in systems for photoelectric registration and processing of optical signals 21960
Zubovich, N.A. *see* Belousov, N.P. 10434
Zubovskiy, I.I. *see* Zhilinskas, M.A. 42145
Zubrilin, F.A. *see* Zhuravskii, A.G. 9863
Zubrilin, F.A. *see* Zhuravskii, A.G. 18345
Zubritzky Weiland, M., Cooke, B., Peterson, B. Designing and implementing decision aids for a complex environment using goal hierarchies 16110
Zubrzycki, J.T. *see* Hood, K.J. 6052
Zubrzycki, J.T. *see* Huish, P. 37828
Zubtsov, V.M., Nakata, K., Sasao, K., Kabashima, S., Ovsyannikov, A.L. Prevention of ionization nonuniformities development in closed cycle MHD generator: problems and prospects 25833
Zubtsov, V.M. *see* Ovsyannikov, A.L. 25319
Zubtzov, V.M., Kirillov, V.G., Lavrov, A.M., Ovsyannikov, A.L., Semenov, V.D., Sokolov, Yu.N., Sorokin, Yu.M., Tseluiko, A.V., Yurkin, V.A. Analysis of the possibility of creation of closed-cycle disk MHD-generators on the basis of the equipment of the U-25 facility 25823
Zuccato, A. *see* Balbo, N. 16148
Zuccato, A. *see* Malesani, L. 8631
Zuccato, A. *see* Rossetto, L. 8583
Zucchelli, P. *see* Buontempo, S. 31696
Zuchong Tao *see* Tao Zuchong
Zucker, J.E. Novel compact switches based on quantum wells 28521
Zucker, J.E., Divino, M.D., Chang, T.Y., Sauer, N.J. Electro-optic modulation in a chopped quantum-well electron transfer structure 46017
Zucker, M.S. *see* Tsoupas, N. 31585
Zucker, O., McIntyre, I., Solone, P., Cardwell, K., Hargis, D. Photoconductive switch control of optical devices 28504
Zucker, O.S.F. *see* Cardwell, K. 30904
Zuckerman, I. *see* Artamonov, A. 31697
Zuckerwar, A.J., Kim Chi Thi Ngo Measured 1/f noise in the membrane motion of condenser microphones 47295
Zuckerwar, A.J., Pretlow, R.A., Stoughton, J.W., Baker, D.A. Development of a piezopolymer pressure sensor for a portable fetal heart rate monitor 31863
Zuenkov, M. *see* Proto, G. 40032
Zuev, A.D. *see* Vasileva, R.V. 25832
Zuev, V.M. Photometric estimation of the size of defects in the direction of irradiation 41531
Zuger, O. *see* Terris, B.D. 27446
Zugmeyer, O., Le Cadre, J.-P. Jammer cancelling by double Wiener filtering 4774
Zugmeyer, O., Le Cadre, J.P. A multiscale time-varying approach to moving source tracking 5030
Zugmeyer, O., Le Cadre, J.P. A new approach to the estimation of source motion parameters. I 21733
Zuguang Ma *see* Ma Zuguang
Zuguang Wang *see* Wang Zuguang
Zuhars, J. *see* Kazanzides, P. 24370
Zuhars, J. *see* Paul, H.A. 24369
Zuhe Yu *see* Yu Zuhe
Zuhr, R.A. *see* Haglund, R.F., Jr. 21065
Zuhr, R.A. *see* McCamy, J.W. 753
Zuhua Zhu *see* Zhu Zuhua
Zuideveld, P.L. *see* Richards, P.C. 40028
Zuikov, V.A., Nefed'ev, L.A., Samartsev, V.V. Peculiarities of the long-lived photon echo in the crystal $LaF_3:Pr^{3+}$ in a weak magnetic field 12331
Zujie Fang *see* Fang Zujie
Zuk, E. Remarks on 'The design of a conference key distribution system' 21571
Zuk, E. GSM security features 37855
Zukang Lu *see* Lu Zukang
Zukauskas, K. *see* Serapinas, K. 460
Zukerman, M. *see* Addie, R.G. 37573
Zukowski, C.A. *see* Ying-Wen Bai 34144
Zukowski, D., Gupta, M., Gopal, M., Budhiraja, N. XPOSE: a simulator for network development 37549
Zukowski, E. *see* Andrejczuk, A. 24134
Zulinski, R.E. *see* Gandhi, S. 18506
Zullo, G. *see* Bonicelli, T. 8580
Zumkley, S. *see* Knigge, S. 3802
Zumkley, S. *see* Stohr, A. 28509
Zumloh, A. *see* Bertram, W. 15312
Zumloh, A. *see* Brittner, P. 7066
Zumloh, A. *see* Derissen, W. 7065
Zumloh, A. *see* Dietrich, J. 7097
Zumoberhaus, R. What is a modem pool? 30565
Zumoberhaus, R. Further applications of digital cordless systems 45472
Zumoto, N., Izumo, M., Yagi, T., Myoi, Y., Tanaka, M. Energy efficient optical system for excimer laser ablation apparatus 29079
Zuna, Z. *see* Ubra, O. 39821
Zunac, R. *see* Jakopovic, Z. 2540
Zundu Luo *see* Chaoyang Tu 41238
Zundu Luo *see* Luo Zundu
Zuniga, M., Wallraff, G., Tomacruz, E., Smith, B., Larson, C., Hinsburg, W.D., Neureuther, A.R. Simulation of locally enhanced three-dimensional diffusion in chemically amplified resists 27971
Zuniga, R. *see* Alsaka, Y.A. 13088
Zunino, R. *see* Anguita, D. 36896
Zunino, R. *see* Diaspro, A. 5098
Zunko, P. *see* Cepin, M. 47687
Zunqi Lin *see* Lin Zunqi
Zunquan Li *see* Mulan Liu 18078
Zuntu Xu *see* Xu Zuntu
Zuo, M. Reliability and design of 2-dimensional consecutive-*k*-out-of-*n* systems 17971
Zuo, M.J. Reliability of linear and circular consecutively-connected systems 17970
Zuo Qinhua, Zhang Guohao W band electrically tuned oscillator 10442
Zuo Xiaolu *see* Zhou Shuquan 15043
Zuo Zhang *see* Zhang Zuo
Zuo-Jing Jiang *see* Jiang Zuo-Jing
Zuo-Min Jiang *see* Jiang Zuo-Min
Zuofeng Li, Williamson, J.F., Perera, H. Monte Carlo calculation of kerma to a point in the vicinity of media interfaces 31977
Zuoliang Wu *see* Wu Zuoliang
Zuomin Dong *see* Helai Yao 22237
Zuoming Gao *see* Gao Zuoming
Zuoqi Shang *see* Demesmaeker, E. 8748
Zuoqi Shang *see* Luque, A. 8747
Zuoqi Shang *see* Morales-Acevedo, A. 8749
Zuoya, Y., Weiss, B.L., Shao, G., Namavar, F. The effects of composition on the spectral loss characteristics of SiGe planar waveguide structures 11642
Zuoying Wang *see* Wang Zuoying
Zuoyu Shi, Chenglu Lin, Wenhua Zhu, Shichang Zou, Hemment, P.L.F. Dopants diffusion in a thin film SIMOX structure and its computer simulation 34611
Zuoyu Shi *see* Shi Zuoyu
Zupac, D., Galloway, K.F., Khosropour, P., Anderson, S.R., Schrimpf, R.D., Calvel, P. Separation of effects of oxide-trapped charge and interface-trapped charge on mobility in irradiated power MOSFETs 34975

Zupac, D., Pote, D., Schrimpf, R.D., Galloway, K.F. Annealing of ESD-induced damage in power MOSFETs 28167
Zupan, D. *see* Amick, P. 32753
Zuping Zhang *see* Mingtian Fan 7936
Zur, A. *see* Belotserkovsky, E. 38531
Zur, A. *see* Eyal, O. 46660
Zurawka, T., Luder, E. Design of cascade- or parallel-form digital filters with floating point arithmetic and maximum SNR 13412
Zurawski, M. *see* Stec, B. 31844
Zurbes, S. *see* Jung, N. 1291
Zurcher, J.-F. High performance near field measurements for EMC 36265
Zurfluh, E.A., Cideciyan, R.D., Dill, P., Heller, R., Lemppenau, W., Mueller, P., Schindler, H.R., Zafiropulo, P. The IBM Zurich research laboratory's 1.13 Gb/s LAN/MAN prototype 5466
Zurhelle, D. *see* Muller, J. 14925
Zurk, L.M., Serafim, P.E. Relativistic electron motion in a resonant cavity with time varying and inhomogeneous magnetic fields 19294
Zurl, K. *see* Schwider, T. 28669
Zurn, M. A two-shutter camera for pulsed laser holography and interferometry using thermoplastic hologram processing 36078
Zushi, S. *see* Ashiwake, N. 287
Zushi, S. *see* Ashiwake, N. 288
Zushi, S. *see* Kieda, S. 321
Zushi, T., Nakahara, S., Takeda, T., Kaide, T., Tanaka, H. A study of hermetically coated optical fiber 2979
Zushinskii, D.A. *see* Ber, B.Ya. 33624
Zushinskiy, D. *see* Korobov, V. 33704
Zusman, M. *see* Zatelepin, V.N. 25328
Zussman, A. *see* Hobson, W.S. 6506
Zutavern, F.J., Loubriel, G.M., McLaughlin, D.L., O'Malley, M.W., Helgeson, W.D., Denison, G.J. GaAs PCSS: high gain switching and device reliability 28624
Zutavern, F.J. *see* Hjalmarson, H.P. 28629
Zutavern, F.J. *see* Loubriel, G.M. 28622
Zutavern, F.J. *see* Loubriel, G.M. 44466
Zuther, F. *see* Sander, J. 7645
Zutobradic, S. Current state of neutral point grounding realization of medium voltage networks 24892
Zutobradic, S., Simunec, R., Mehicic, K. Development of technical information system of Croatian electric supply company's distribution activities 24741
Zutshi, P., Bhandari, P.M. Costing power generation: a case of large-scale hydro and nuclear plants in India 32773
Zuttel, A., Meli, F., Schlapbach, L. AB_2 and AB_5 metal hydride electrodes: a phenomenological model for the cycle life 17190
Zutter, D.De *see* De Zutter, D.
Zuyao Zhou *see* Ping Liu 10978
Zuyev, I.M. *see* Pon'kin, V.A. 30882
Zuyev, N.G., Medvedev, V.I., Titarenko, A.M., Cherednikov, P.I. On the interrelationship of parametric excitation zones with phase portraits of lossless nonlinear oscillator system 1098
Zuyeva, E.Yu., Komarov, M.M., Sazonov, V.V. Representation of the aerodynamic moment in problems of mathematical modeling of the rotational motion of satellites 47168
Zvara, G.P. Real time time-frequency active sonar processing: a SIMD approach 44886
Zverev, B.V. *see* Sobenin, N.P. 15323
Zvezdin, Yu.I. *see* Gerasimov, V.I. 8068
Zvezdina, M.Yu. *see* Gabriel'yan, D.D. 12562
Zvezdina, M.Yu. *see* Gabriel'yan, D.D. 21191
Zvolanek, B. *see* Baumann, E.W. 29771
Zvonar, Z. Multiuser detection and diversity combining for wireless CDMA systems 45299
Zvonar, Z., Brady, D. On multiuser detection in asynchronous CDMA flat Rayleigh fading channels 37086
Zvonkin, A.K. *see* Lando, S.K. 518
Zvonkov, B.N. *see* Karpovich, I.A. 34760
Zvorykin, V.D. *see* Arlantsev, S.V. 43738
Zvorykin, V.D. *see* Bakaev, V.G. 43733
Zvorykin, V.D. *see* Basov, N.G. 28739
Zvorykin, V.D. *see* Basov, N.G. 43734
Zvyagin, I.P., Kurova, I.A., Ormont, N.N. On the nature of photo-induced defects and recombination mechanisms in light-soaked a-Si:H films 35565
Zwaal, E.A.E. *see* Haverkort, J.E.M. 42482
Zwan, M.L.W.van der *see* van der Zwan, M.L.W.
Zwart, A.N.M. *see* Zondervan, A. 46867
Zweben, S.J. *see* Tuszewski, M. 7215
Zwecker, V. *see* Irmisch, M. 2710
Zweers, D. *see* Geleijns, J. 24174
Zweiacker, P. *see* Arreghini, F. 44435
Zweibel, K. Thin-film photovoltaic cells 8750
Zweidinger, D.T., Lee, S.-G., Fox, R.M. Compact modeling of BJT self-heating in SPICE 19778
Zweifel, M. Commercial sector DSM effort at Modesto Irrigation District 7773
Zwemstra, T. Simple test yield evaluation for analog circuits 27012
Zwicker, G. *see* Jager-Waldau, G. 27701
Zwiers, J. *see* Janssen, W. 13892
Zwinge, G., Wehmann, H.-H., Schlachetzki, A., Hsu, C.C. Orientation-dependent growth of InGaAs/InP applications in laser-diode arrays 18175
Zwissler, G.K. *see* Dickert, F.L. 31331
Zwolan, T.A., Kileny, P.R. Cochlear implants for the profoundly deaf 15922
Zwolinski, M. *see* Nichols, K.G. 41562
Zwolinski, M. *see* Nichols, K.G. 42083
Zyablikov, S.Yu. *see* Alybin, V.G. 34266
Zyablov, V.V., Sidorenko, V.R. Bounds on complexity of trellis decoding of linear block codes 44727
Zybin, D.N. *see* Akimov, A.G. 11929
Zyborski, J. *see* Frackowiak, L. 8594
Zych, D. *see* Lee, S. 11137
Zycinski, T.R. *see* Fisk, G.S. 32572
Zycki, Z., Sokolnicki, E. Relations of parameters of permanent magnets in pulse tests 2848
Zydzik, G.J. *see* Hunt, N.E.J. 11870
Zygis, K. *see* Witkowski, D. 38357
Zykin, M.V. *see* Golovkov, V.A. 29622
Zykov, B.N., Karpov, A.I., Rozhin, V.V., Matveev, A.G., Loginov, V.N. Small low-frequency magnetoelectric light flux modulator 11710
Zykov, L.I. *see* Dolgopolov, Y.V. 35658
Zyl, J.J.van *see* van Zyl, J.J.
Zyl, M.W.Van *see* Van Zyl, M.W.
Zylberberg, T. The Numeris ISDN partnership 22651
Zylka, E. Local area network technology for cable TV 45525
Zylka, E.J. Introduction to local area networks—II. How three ops are using LANs 23325
Zynigier, H. *see* Level, M.-P. 15290
Zyskind, J.I. *see* Fischer, B. 20749
Zyskind, J.L. *see* Fischer, B. 3560
Zyskind, J.L. *see* Smart, R.G. 3514
Zyskind, J.L. *see* Smart, R.G. 30718
Zyss, J. *see* Dou, S.X. 3848
Zyss, J. *see* Messier, J. 12356
Zyss, J. *see* Toussaere, E. 12401
Zyss, J. *see* White, J.O. 21044
Zytkiewicz, Z.R. In situ monitoring of electroepitaxial growth of thick AlGaAs layers 9551
Zytkiewicz, Z.R. *see* Dobaczewski, L. 9553
Zytveld, J.B.Van *see* Van Zytveld, J.B.
Zyuzin, V.N. *see* Alebastrov, V.A. 39388
Zywietz, C. A system for integrated ECG analysis 39078
Zywietz, C. *see* Mertins, V. 15860
Zywietz, C. *see* Rubel, P. 15859

BOOK INDEX

This lists the titles of books abstracted in the six months covered by the index. Most books are abstracted as a single monograph but where appropriate individual chapters may also be abstracted. Where this is so the abstract of the book itself is indicated by *(introductory abstract)*.

Advanced database systems; *N.R.Adam, B.K.Bhargava (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 22587
Advanced digital signal processing. Theory and applications; [New York, NY, USA: Marcel Dekker 1994] 26041
Advanced methods in neural computing; [New York, NY, USA: Van Nostrand Reinhold 1993] 40726
Annual review of energy and the environment. Vol.18; *R.H.Socolow, D.Anderson, J.Harte (editor/s),* [Palo Alto, CA, USA: Annual Reviews 1993] 26038
Annual review of materials science. Vol. 23; *R.A.Huggins (editor/s),* [Palo Alto, CA, USA: Annual Reviews 1993] 26011
Antenna handbook. Vol.1. Antenna fundamentals and mathematical techniques; *Y.T.Lo, S.W.Lee (editor/s),* [New York, NY, USA: Van Nostrand Reinhold 1993] 26073
Antenna handbook. Vol.II. Antenna theory; *Y.T.Lo, S.W.Lee (editor/s),* [New York, NY, USA: Van Nostrand Reinhold 1993] 26074
Antenna handbook. Vol.III. Antenna applications; *Y.T.Lo, S.W.Lee (editor/s),* [New York, NY, USA: Van Nostrand Reinhold 1993] 26075
Antenna handbook. Vol.IV. Related topics; *Y.T.Lo, S.W.Lee (editor/s),* [New York, NY, USA: Van Nostrand Reinhold 1993] 26076
Asynchronous transfer mode networks: performance issues; [Norwood, MA, USA: Artech House 1994] 26042
Broadband: business services, technologies, and strategic impact; [Norwood, MA, USA: Artech House 1993] 26039
CIS selected papers. Coherent measuring and data processing methods and devices (SPIE Vol.1978); *V.I.Mandrosov (editor/s),* [Bellingham, WA, USA: SPIE 1993] 26012
Computational electromagnetics; [Norwood, MA, USA: Artech House 1993] 17658
Computer telephone integration; [London, UK: Artech House 1993] 26036
Correspondence of Michael Faraday. Vol.2. 1832-December 1840. Letters 525-1333; *F.A.J.L.James (editor/s),* [London, UK: IEE 1993] 40697
Demand-side management: concepts and methods. Second edition; [Lilburn, GA, USA: Fairmont Press 1993] 17656
Design of electronic circuits and computer aided design; [New Delhi, India: Wiley Eastern 1993] 17655
Design of hashing algorithms; [Berlin, Germany: Springer-Verlag 1993] 29476
Digital image processing algorithms; [Hemel Mempstead, UK: Prentice Hall 1993] 17657
Digital processing of random signals. Theory and methods; [Englewood Cliffs, NJ, USA: Prentice Hall 1994] 40727
Digital transmission systems. Second edition; [New York, NY, USA: Van Nostrand Reinhold 1993] 17697
Distributed multimedia through broadband communications services; [Norwood, MA, USA: Artech House 1994] 26040
Electrodynamics of high temperature superconductors; [Singapore: World Scientific 1993] 9091
Formal techniques in real-time and fault-tolerant systems; *J.Vytopil (editor/s),* [Norwell, MA, USA: Kluwer Academic Publishers 1993] 24385
Frontiers in nonlinear optics. The Sergei Akhmanov memorial volume; *H.Walther, N.Koroteev, M.O.Scully (editor/s),* [Bristol, UK: IOP Publishing 1993] 9123
Implementing EDI; [Norwood, MA, USA: Artech House 1993] 26044
Intelligent hubs; [Norwood, MA, USA: Artech House 1993] 40725
Intelligent perceptual systems. New directions in computational perception; *V.Roberto (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 13078–9, 13647
Introduction to semiconductor optics; [Englewood Cliffs, NJ, USA: Prentice Hall 1993] 36
Introduction to source coding; [Hemel Hempstead, UK: Prentice Hall 1993] 33246
Maintenance-free batteries. Lead-acid, nickel/cadmium, nickel/hydride. A handbook of battery technology; [Taunton, UK: Research Studies Press 1993] 26037
Nuclear power in the UK. 2nd edition 1993/94; [London, UK: IEE Nov. 1993] 25125
Numerical modelling of eddy currents; [Oxford, UK: Oxford University Press 1993] 40837
Operational amplifiers: integrated and hybrid circuits; [New York, NY, USA: Wiley-Interscience 1993] 17696
Optical document security; *R.L.van Renesse (editor/s),* [Norwood, MA, USA: Artech House 1994] 33247
Optical fiber amplifiers: design and system applications; [Norwood, MA, USA: Artech House 1993] 26013
Optical information technology. State-of-the-art report; *S.D.Smith, R.F.Neale (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 40760
Parallel Computer Architectures Theory, Hardware, Software, Applications; *A.Bode, M.Dal Cin (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 987
Phased array antenna handbook; [Norwood, MA, USA: Artech House 1994] 26072
Photonics in switching. Vol.1. Background and components; *J.E.Midwinter (editor/s),* [San Diego, CA, USA: Academic Press 1993] 33182
Profiting from low-grade heat. Thermodynamic cycles for low-temperature heat sources. The Watt Committee on Energy Report No.26; *A.W.Crook (editor/s),* [London, UK: IEE 1994] 47742
Properties of lattice-matched and strained Indium Gallium Arsenide; *P.Bhattacharya (editor/s),* [London, UK: INSPEC 1993] 17698 (introductory abstract), 18204, 19348, 20881
Semiconductor interfaces, microstructures and devices: properties and applications; *Z.C.Feng (editor/s),* [Bristol, UK: IOP Publishing 1993] 54 (introductory abstract), 738, 1869, 2166, 3639–40, 3710, 6503
Successful systems engineering for engineers and managers; [New York, NY, USA: Van Nostrand Reinhold 1993] 40895
URSI register of national standards laboratories for electromagnetic metrology; *A.E.Bailey (editor/s),* [Bristol, UK: Adam Hilger 1990] 18
Waveguide components for antenna feed systems: theory and CAD; [Norwood, MA, USA: Artech House 1993] 17756
Wind-diesel systems. A guide to the technology and its implementation; *R.Hunter, G.Elliot (editor/s),* [Cambridge, UK: Cambridge University Press 1994] 40808
Wireless LAN systems; *A.Santamaria, F.J.Lopez-Hernandez (editor/s),* [Norwood, MA, USA: Artech House 1994] 26043

CONFERENCE INDEX

This index lists conferences for which published proceedings have been abstracted in the six-month period. Conferences reported in journals are also included in this list. The abstract relating to the conference itself is indicated by *(introductory abstract)*. When papers from a conference appear in more than one publication there will be a corresponding number of entries in the index.

11th digital avionics systems; Seattle, WA, USA, 5-8 Oct. 1992, *(IEEE; AIAA)* [New York, NY, USA: IEEE 1992] 33200 (introductory abstract), 33438, 34137, 34303, 37759, 38554, 39131, 39164−90, 39193−234, 39317−21, 39323−5, 39436

12th digital avionics systems conference; Fort Worth, TX, USA, 25-28 Oct. 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 33220 (introductory abstract), 33317, 33451, 36714, 37863, 37885−6, 39132−5, 39245−51, 39258−96, 39307−8, 39328−34, 39430, 39449

1992 CERN School of Computing; L'Aquila, Italy, 30 Aug.-12 Sept. 1992, [Geneva, Switzerland: CERN 1993] 26631, 30520

32nd CNA conference; Saint John, NB, Canada, 7-10 June 1993, [Toronto, Ont., Canada: Canadian Nucl. Assoc. 1992] 7907, 9057

3D EM field analysis software verification; Thousand-Island Lake, China, 18-19 Oct. 1992, *(Chinese Electrotech. Soc)* [Beijing, China: Int. Acad. Publishers 1993] 67 (introductory abstract), 925, 2790−1, 3969, 3980−3, 3989−97

3D imaging and analysis of depth/range images; London, UK, 1 March 1994, *(IEE)* [London, UK: IEE 1994] 40782 (introductory abstract), 44183, 45161−5, 46305, 47067−8

A-D and D-A conversion techniques; London, UK, 27 May 1993, *(IEE)* [London, UK: IEE 1993] 40773 (introductory abstract), 42006−12, 46316

Accelerator concepts; Port Jefferson, NY, USA, 14-20 June 1992, [1993] 9 (introductory abstract), 1783−6, 1808−9, 6870−80, 6885−90, 6945−6, 6958−64, 7116−20

Accelerator instrumentation; Berkeley, CA, USA, 27-30 Oct. 1992, [1993] 46 (introductory abstract), 6891−3, 6965−72, 15341−51, 15414−23

ACM/SIGDA physical design; Lake Arrowhead, CA, USA, 19-21 April 1993, *(ACM)* [Los Angeles, CA, USA: Univ. California 1993] 17733 (introductory abstract), 17849−50, 18043, 18406−11, 18423, 18602, 19201, 19934−45, 19958, 19989

ACNN, neural nets; Melbourne, Vic., Australia, 1-3 Feb. 1993, *(Ansett Airlines; Australian Telecommon. & Electron. Res. Board; et al)* [Sydney, NSW, Australia: Sydney Univ. Electr. Eng. 1993] 1356, 1358−9, 4674, 4963, 6358

Acoustic imaging and sensing; London, UK, 29-30 March 1993, [London, UK: IEE 1993] 40729 (introductory abstract), 42822, 43229, 43565, 44161, 44842−4, 45116, 46696, 47065−6, 47237, 47282, 47291, 47293, 47297−301, 47303−4, 47836, 48028

Acoustical measurements and NAMAS accreditation; Teddington, UK, 15 June 1993, [St. Albans, UK: Inst. Acoustics 1993] 33223 (introductory abstract), 38755−9, 39409−11

Acoustics week in Canada; Toronto, Ont., Canada, 4-8 Oct. 1993, [Sept. 1993] 13010, 13072−5, 15254−5, 15261, 15695, 16091, 16622

Acousto-optics and applications; Gdansk-Jurata, Poland, 25-29 May 1992, *(SPIE; Minist. Educ. Poland)* [1992] 17670 (introductory abstract), 18358, 20438−43, 23885, 24212, 24527−8, 24535

Active vision and 3D methods; Boston, MA, USA, 8-9 Sept. 1993, *(SPIE)* [1993] 274, 3950, 5068−74, 7383−4, 7526

Ada-Europe '93; Paris, France, 14-18 June 1993, [Berlin, Germany: Springer-Verlag 1993] 47327

Adaptive and learning systems; Orlando, FL, USA, 20-21 April 1992, *(SPIE)* [1992] 30043−5, 36422, 36664−8, 36802−8, 36889, 38155, 38169−71

Adaptive control; Cancun, Mexico, 9-11 Dec. 1992, [Sept.-Oct. 1993] 32861

Adaptive intelligent systems; Brussels, Belgium, 12-14 Oct. 1992, [Amsterdam, Netherlands: Elsevier 1992] 5578

Adaptive systems; Grenoble, France, 1-3 July 1992, *(Int. Federation of Autom. Control)* [Oxford, UK: Pergamon Press 1993] 1080, 4360, 4672−3, 4690−700, 5029−30, 5322, 5637, 5739

Advanced aircraft interfaces: the machine side of the man-machine interface; Madrid, Spain, 18-22 May 1992, [Neuilly Sur Seine, France: AGARD 1992] 8 (introductory abstract)

Advanced information processing techniques for LAN and MAN management; Versailles, France, 7-9 April 1993, [1993] 9121 (introductory abstract), 14033−50, 14209−11, 14276

Advanced infrared spectroscopy; Tokyo, Japan, March 1993, [Sept. 1993] 11841

Advanced materials and processing; Hangzhou, China, 23-27 June 1992, *C.Shi, H.Li, A.Scott (editor/s),* [Warrendale, PA, USA: TMS - Miner. Metals & Mater. Soc. 1993] 17732 (introductory abstract)

Advanced materials: performance through technology insertion; Anaheim, CA, USA, 10-13 May 1993, *V.Bailey, G.C.Janicki, T.Haulik (editor/s),* [Covina, CA, USA: Soc. Adv. Mater & Process Eng. 1993] 40764 (introductory abstract)

Advanced packet switching and frame relay; The Hague, Netherlands, 28-29 June 1993, [Basel, Switzerland: European Inst. Fibre Commun. & Network 1993] 9136 (introductory abstract)

Advanced semiconductor manufacturing; Cambridge, MA, USA, 30 Sept.-1 Oct. 1992, *(IEEE; Semicond. Equipment & Mater. Int)* [New York, NY, USA: IEEE 1992] 55 (introductory abstract), 104, 165, 201, 215, 237−8, 265−72, 409−10, 440, 461, 798, 1234, 1761, 1979−80, 1988−9, 2062, 2109, 2167, 2257, 2287, 2384−5, 2667−8, 6842

Advanced signal processing algorithms; San Diego, CA, USA, 11-13 July 1993, *(SPIE)* [1993] 33240 (introductory abstract), 33465, 33501−4, 33546, 34008−9, 34110−1, 34131, 34172, 36203, 36353, 36470−1, 36721−42, 36969, 38149−50, 38160, 38176, 39437

Advances in corrosion and protection; Manchester, UK, 28 June-3 July 1992, [1993] 18325

Advances in resist technology and processing; San Jose, CA, USA, 1-2 March 1993, *(SPIE)* [1993] 9116 (introductory abstract), 11002−20, 11046−95, 27806

Advances in solidification processes; Strasbourg, France, 4-7 May 1993, [20 Dec. 1993] 26496

Aerospace applications; Vail, CO, USA, 5-12 Feb. 1994, *(IEEE)* [Nwe York, NY, USA: IEEE 1994] 40777 (introductory abstract), 40841, 40977, 41027−9, 41998, 43549, 44474, 44555, 44609−10, 44632, 45466, 45900, 45903, 46028−9, 46069, 47176, 47205−7, 47275, 47324, 48443

Aerospace software engineering; Paris, France, 10-13 May 1993, [Neuilly sur Seine, France: AGARD 1993] 32024, 32055, 32151

AGARD; Copenhagen, Denmark, 14-15 Oct. 1992, [Neuilly sur Seine, France: AGARD 1993] 14127

Agrometeorology; Florence, Italy, April 1992, [June 1993] 26070 (introductory abstract)

AI '92; Hobart, Tas., Australia, 16-18 Nov. 1992, [Singapore: World Scientific 1992] 4359, 4964−8, 7367, 8691, 16286

Algorithms and computation; Hong Kong, 15-17 Dec. 1993, [Berlin, Germany: Springer-Verlag 1993] 41075, 41077, 41090, 41132, 41558−9, 44678, 45272

Algorithms and data structures; Montreal, Que., Canada, 11-13 Aug. 1993, [Berlin, Germany: Springer-Verlag 1993] 26327, 30185, 33820, 35047

Algorithms - ESA '93; Bad Honnef, Germany, 30 Sept.-2 Oct. 1993, [Berlin, Germany: Springer-Verlag 1993] 33468, 33483−5, 33516

Algorithms for approximation; Oxford, UK, 27-31 July 1992, [Nov. 1993] 18064 (introductory abstract)

AMAST '93; Enschede, Netherlands, 21-25 June 1993, *(CEC; Office of Naval Res.; Univ. Twente; Univ. Iowa; Univ. Stirling; INRIA; et al)* [Enschede, Netherlands: Univ. Twente 1993] 37130

American Nuclear Society 1993 winter meeting; San Francisco, CA, USA, 14-18 Nov. 1993, [1993] 18807, 19879, 23474, 23965, 25150, 25168−9, 25183, 31095, 31539−41, 31585, 32543, 32550−67, 32594−603, 32608

American power conference '93; Chicago, IL, USA, 13-15 April 1993, *(Illinois Inst. Technol)* [Chicago, IL, USA: Illinois Inst. Technol. 1993] 25999 (introductory abstract), 26094−6, 26112−3, 31996, 32183, 32246−8, 32272−3, 32312−26, 32345−9, 32374−7, 32383, 32388, 32420, 32430−1, 32436−7, 32448−9, 32454−5, 32476−81, 32496, 32509, 32514, 32522−30, 32568, 32570−9, 32586, 32604−7, 32609−20, 32636−43, 32649−53, 32670−711, 32718−9, 32726−9, 32733, 32741−2, 32748−62, 32776−7, 32802, 32818, 32820, 32829−31, 32868, 32939, 32993−5, 33016, 33078−84, 33086, 36230, 38652−3, 39454−7, 39500−6, 39559−60, 39580, 39594, 39638−9, 39662, 39698−702, 39778−80, 39906−14, 39978−9, 40002−5, 40277−80, 40590, 40651, 40671

American Vacuum Society national symposium; Chicago, IL, USA, 9-13 Nov. 1992, [July-Aug. 1993] 842, 1690, 2056, 2788, 2924, 6449, 6898−9

Amorphous insulating thin films; Boston, MA, USA, 1-4 Dec. 1992, *J.Kanicki, W.L.Warren, R.A.B.Devine, M.Matsumura (editor/s),* [Pittsburgh, PA, USA: Mater. Res Soc. 1993] 9152 (introductory abstract), 9671, 9788−96, 10539, 10783, 10883−4, 10965−7, 11225−32, 11388−9, 15038, 18274−8, 19445−52, 19455−7, 19486, 19488, 19735, 20031

Amorphous semiconductors - science and technology; Cambridge, UK, 6-10 Sept. 1993, *(IUPAP; Hitachi; Fuji Electr.; Int.Common.Specialist; BNR (STL); et al)* [Dec. 1993] 33197 (introductory abstract), 26512−5, 27117, 27470, 27501−2, 27584−5, 27606, 27613, 27661−2, 27763−5, 28053, 28088−92, 28608−10, 28653, 28664−6, 31237, 31311−3, 31342, 31771, 33064−9, 33706−15, 33744, 34500, 34528−9, 34532−41, 34543−5, 34681, 34787, 34897−8, 34989−5000, 35034, 35556−8, 35560−1, 35563−5, 35586, 35604, 38558, 40482−4, 40492, 41398, 41415−22, 42432−40, 42465, 42642, 42680, 43610−4

Amorphous silicon technology; San Francisco, CA, USA, 13-16 April 1993, *E.A.Schiff, M.J.Thompson, A.Madam, K.Tanaka, P.G.LeComber (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 17746 (introductory abstract), 26463, 26480−7, 27456−9, 27490−6, 27515−7, 27573, 27607−8, 27610, 27627−8, 27672−3, 28062, 28081, 28129, 28143−52, 28523, 28594−8, 28617, 28645, 28657, 28660, 31228−9, 31232, 31298−302, 31306−7, 31791, 33029−32, 33051−5, 33057−62, 42444, 48142

Analog and mixed signal design; Burlingame, CA, USA, 28-30 Oct. 1992, *(Miller Freeman; Comput. Design Magazines)* [San Francisco, CA, USA: Miller Freeman Publications 1992] 9081 (introductory abstract), 9872, 9892−4, 9978−82, 10024, 10039, 10059, 10220, 10225−8, 10251, 10265−6, 10273, 10290, 10339−43, 10345−9, 10558, 11268−9, 11325−6, 11483, 13198, 14381, 14885, 14972, 15141, 17028

Antenna measurement techniques; London, UK, 26 Jan. 1994, [London, UK: IEE 1994] 33225 (introductory abstract), 36202, 36361−6, 36393, 36431, 38189

APL '93; Toronto, Ont., Canada, 15-19 Aug. 1993, *(ACM)* [Aug. 1993] 33269, 38399

Application specific integrated circuits; Rochester, NY, USA, 21-25 Sept. 1992, *(IEEE; Eastman Kodak; PR Commun) Y.T.Tsai, L.J.d'Luna, P.P.K.Lee (editor/s),* [New York, NY, USA: IEEE 1992] 17699 (introductory abstract), 17828−9, 17904−8, 17925, 17952, 18391−2, 18433−4, 18557−65, 18568−72, 18648−67, 18684−96, 18710, 18739, 18783−8, 18808−14, 18832−3, 18841, 18859, 18886−7, 18899−902, 18911, 18915, 18936, 18944−6, 19351, 19966, 19977−9, 19999, 20020, 21676, 22168−71, 22355, 22644, 22707, 22738, 22870, 22985, 23065−6, 23237, 23358, 23423, 23723, 23864, 24362, 25919

Applications of artificial intelligence 1993: knowledge-based systems in aerospace and industry; Orlando, FL, USA, 13-15 April 1993, *(SPIE)* [1993] 18008, 18399, 21922, 23409−10, 24406, 24576, 24664

Applications of artificial intelligence 1993: machine vision and robotics; Orlando, FL, USA, 14-16 April 1993, *(SPIE)* [1993] 17708 (introductory abstract), 22208−18, 29746

Applications of artificial neural networks; Orlando, FL, USA, 13-16 April 1993, *(SPIE)* [1993] 25993 (introductory abstract), 17823, 18941, 21851, 22219−22, 22480, 23564, 24066, 24243, 24423, 26426, 27111, 27115, 28524, 29571, 29766−73, 29929−32, 30867−9, 30925, 31243, 31858, 38157

Applications of digital image processing; San Diego, CA, USA, 14-16 July 1993, *(SPIE)* [1993] 40715 (introductory abstract), 13560−72, 15805−6, 17947, 22088−103, 23163, 23714, 24226−7, 24337, 24465, 24511

Applications of fuzzy logic technology; Boston, MA, USA, 8-10 Sept. 1993, *(SPIE)* [1993] 39972, 40637, 45057

Applications of physics in medicine and biology; Trieste, Italy, 21-25 Sept. 1992, [April-Sept. 1993] 40759 (introductory abstract)

Applied algebra, algebraic algorithms and error correcting codes; San Juan de Puerto Rico, Puerto Rico, 10-14 May 1993, *G.Cohen, T.Mora, O.Moreno (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 9082 (introductory abstract), 9445, 9457−60, 9467, 9474, 12844−58, 13867

Applied computational electromagnetics; Monterey, CA, USA, 22-26 March 1993, *(ACES; DOD/USA CECON; DOE; LLNI; NCCOSC/NRAD; NPS; USAIESA; et al)* [Tuscaloosa, AL, USA: Appl. Comput. Electromagnetics Soc. 1993] 40731 (introductory abstract), 40830−5, 41117−8, 41201−7, 41221−6, 42107, 42129−32, 42226−8, 43235, 44189, 44197−200, 44289−306, 44321, 44353−7, 44457−62, 44486−7, 44517−24, 44548−52, 44558−60, 44579−82, 44621, 44634, 46033−5, 47029−30, 47096, 47132−4, 47151, 47170−1, 47287, 47317−8, 47856, 48027

Applied mathematical programming and modelling; London, UK, 14-16 Jan. 1991, [Oct. 1993] 7910

Artificial intelligence; Anaheim, CA, USA, 14-19 July 1991, *(AAAI)* [Menlo Park, CA, USA: AAAI Press 1991] 959, 4380, 4534, 4593, 44903−4, 45221−3

Artificial intelligence for applications; San Antonia, TX, USA, 1-4 March 1994, *(IEEE; AAAI)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 33321, 33807, 33841−3, 37356−7, 37547, 39034, 39095, 39338

Artificial intelligence, robotics and image processing; Delft, Netherlands, 21-24 June 1993, [Amsterdam, Netherlands: Elsevier 1993] 33140

Artificial neural nets and genetic algorithms; Innsbruck, Austria, 14-16 April 1993, [Berlin, Germany: Springer-Verlag 1993] 41101−6, 41560, 42057, 42108, 45117−8, 45332, 46530−1, 47097−8, 47600

Artificial neural networks; Orlando, FL, USA, 13-16 April 1993, *(SPIE)* [1993] 1011, 1371, 1374−5, 3275, 4437, 4458−9, 5131−3, 7456−7, 7740, 10378, 12843, 12940, 13160, 13472−3, 13822−5, 14055, 14542, 15838, 15925, 16020, 16241, 16429, 16494, 16824, 26326, 29546, 29690−1, 29925−8, 30887, 30932−3

Asian battery conference ; Bali, Indonesia, 1-3 Sept. 1993, [19 Feb. 1994] 33214 (introductory abstract), 40035, 40391−2, 40409−21, 40426−7, 40593

ASICs for digital signal processing; London, UK, 7 June 1993, *(IEE)* [London, UK: IEE 1993] 40772 (introductory abstract), 41960−4, 42068, 45159−60, 45888

Aspects of electron microscopy, diffraction, crystallography and spectroscopy; Scottsdale, AZ, USA, 5-8 Jan. 1993, [Dec. 1993] 27626

Astroparticle physics; Orlando, FL, USA, 15 April 1993, *(SPIE)* [1993] 25994 (introductory abstract)

Atmospheric propagation effects for visible to MM-wave radiation; Palma de Mallorca, Spain, 17-20 May 1993, [Neuilly sur Seine, France: AGARD 1993] 40791 (introductory abstract), 44363−5, 44374, 45224, 46092−6, 47289, 47315, 47329−34

Atomic-scale imaging of surfaces and interfaces; Boston, MA, USA, 30 Nov.-2 Dec. 1992, [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 9787, 10675

Atomically controlled surfaces and interfaces; Joensuu, Finland, 16-18 June 1993, *(Surface & Colloid Soc. Finland; Japan Soc. Applied Phys)* [Jan. 1994] 26453−4, 27555, 33598−601, 34561

Audio and video data compression systems; London, UK, 2 March 1994, *(IEE)* [London, UK: IEE 1994] 40781 (introductory abstract), 44920−1, 45671−2, 46176−7, 46203

Audio DSP; London, UK, 16 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 17682 (introductory abstract), 18839, 22470, 23356−7, 23362, 23368, 24219, 24529

Audio engineering; London, UK, 9 March 1994, *(IEE)* [London, UK: IEE 1994] 40783 (introductory abstract), 46178, 46204, 46264, 46266−7

Automata, languages and programming; Lund, Sweden, 5-9 July 1993, [Berlin, Germany: Springer-Verlag 1993] 18026, 22588

Automated and algorithmic debugging; Linkoping, Sweden, 3-5 May 1993, [Berlin, Germany: Springer-Verlag 1993] 33999

Automated manufacturing systems; Boston, MA, USA, 9-10 Sept. 1993, *(SPIE)* [1993] 33241 (introductory abstract), 33428, 36092, 38481, 38570, 38712−4, 38720

Automated mapping and facilities management; Orlando, FL, USA, 22-25 March 1993, [Aurora, CO, USA: AM/FM Int. 1993] 22860, 24933−4, 32249, 32397−400

Automatic object recognition; Orlando, FL, USA, 14-16 April 1993, *(SPIE)* [1993] 17651 (introductory abstract), 21194, 21646, 21923−36, 23084−96, 23144−5, 23209, 23215−25, 24196, 24521

Automatic testing, AUTOTESTCON '92; Dayton, OH, USA, 21-24 Sept. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 17700 (introductory abstract), 17819, 17909, 19195−7, 19240, 23424−53, 24384, 24413−21, 24441, 24557−61, 24573, 24581−3, 25920

Automation in electrical measurements; London, UK, 30 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 40775 (introductory abstract), 46279−80, 46302−4

Autonomous decentralized system; Kawasaki, Japan, 30 March-1 April 1993, *(IEEE; Inf. Process. Soc. Japan; Soc. Instrum. Control Eng. Japan; IFIP; IFAC)* [Los Alamitos, CA, USA: IEE Comput. Soc. Press 1993] 9349, 14088, 14121−5, 14268, 14298, 16174

Autotransformer traction supply systems; London, UK, 9 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 17576 (introductory abstract), 17577−80

Avignon '93, AI; Avignon, France, 24-28 May 1993, [Nanterre Cedex, France: EC2 1993] 36629−30, 37212, 37349−51, 37529−30, 37884, 37966, 39235, 39326

B-factories: accelerators and experiments; Tsukuba, Japan, 17-20 Nov. 1992, [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1993] 6921, 6992−7005, 7169−78

Battery applications and advances; Long Beach, CA, USA, 11-13 Jan. 1994, *(IEEE)* [New York, NY, USA: IEEE 1994] 33254 (introductory abstract), 33900, 39309−13, 40070−1, 40349, 40396−8, 40434−53, 40619−26

Beam-solid interactions; Boston, MA, USA, 30 Nov.-4 Dec. 1992, [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 9668−70, 9786, 10758, 10863−82, 10957−64, 11001, 11104−5, 11224, 11879, 18228, 19498, 19617−8, 20515

Bioelectrical activity of the brain; Pushchino, Russia, 23-25 April 1991, [1993] 7416−8

Bioengineering; Kingston, RI, USA, 12-13 March 1992, *(IEEE; Univ. Rhode Island; Whitaker Found) W.J.Ohley (editor/s),* [New York, NY, USA: IEEE 1992] 17677 (introductory abstract), 18929−30, 24147−8, 24218, 24292−3, 24325, 31830, 31905−8, 38530, 38951, 38972−8, 39036, 39086, 39097

Biomechanics symposium; Brekenridge, CO, USA, June 1993, *(ASME)* [Nov. 1993] 39096

Biomedical engineering; New Orleans, LA, USA, 2-4 April 1993, *(IEEE; Tulane Univ)* [New York, NY, USA: IEEE 1993] 7350−1, 7433−5

Biomedical engineering society; Memphis, TN, USA, 21-24 Oct. 1993, *(Memphis State Univ.; Univ. Tennessee-Memphis)* [1993] 33210 (introductory abstract)

Biomedical image processing and visualization; San Jose, CA, USA, 1-4 Feb. 1993, *(SPIE)* [1993] 26027 (introductory abstract)

Bionic design; Tsukuba, Japan, 8-12 March 1993, {28 Feb. 1994} 41499

Bipolar/BiCmos. circuits and technology; Minneapolis, MN, USA, 7-8 Oct. 1992, *(IEEE) J.Jopke (editor/s),* [New York, NY, USA: IEEE 1992] 9125 (introductory abstract), 9994−5, 10135−42, 10171−3, 10250, 10370, 10475, 10508, 10860, 11119, 11169−84, 11222, 11285−6, 11294−302, 11329−31, 14515−6, 14668, 14893−4, 14998

Bond graph modelling; La Jolla, CA, USA, 17-20 Jan. 1993, *(SCS)* [San Diego, CA, USA: SCS 1993] 17911, 18027−30, 18424, 18469−70, 18845, 25545, 25874, 25921, 25944, 25956

Broadband ISDN/ATM; The Hague, Netherlands, 30 June-1 July 1993, [Basel, Switzerland: European Inst. Fibre Commun. & Networks 1993] 9137 (introductory abstract)

Broadband optical access networks transport technologies; Berlin, Germany, 7-8 April 1993, *(SPIE; EOS)* [1993] 26033 (introductory abstract), 28458, 28781, 28841−2, 30293−5, 30456, 30533, 30559, 30606, 30788−810, 30978−9, 31033−4

Broadband services, systems and networks; Brighton, UK, 3-4 Nov. 1993, [London, UK: IEE 1993] 9108 (introductory abstract), 13975−81, 14024−6, 14177−86, 14273−4, 14296, 14618

Broadband switching and services; Wollongong, NSW, Australia, 12-14 July 1993, *(Nortel; Telecom Australia)* [Wollongong, NSW, Australia: Univ. Wollongong 1993] 33209 (introductory abstract), 37064−70, 37096−101, 37124−7, 37161−2, 37243−4, 37309, 37449−50, 37573−92, 37620, 37672−3, 38329

CAD-based vision workshop; Champion, PA, USA, 8-11 Feb. 1994, *(IEEE)* {Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 37041−5

CALICO' 93; Williamsburg, VA, USA, 8-13 March 1993, [Durhamn, NC, USA: Duke Univ. 1993] 22555, 23340−2

Calorimetry in high energy physics; Corpus Christi, TX, USA, 29 Sept.-2 Oct. 1992, *P.Hale, J.Siegrist (editor/s),* [Singapore: World Scientific 1993] 26046 (introductory abstract), 23966, 24009−22, 24082, 24101−7, 31542−4, 31683−711, 31747−57

Cameras, scanners, and image acquisition systems; San Jose, CA, USA, 3-4 Feb. 1993, *(SPIE; Soc. Imaging Sci. & Technol.,)* [1993] 51 (introductory abstract), 6210, 6369−70, 6569−78, 7369

CANDU fuel; Chalk River, Ont., Canada, 4-8 Oct. 1992, *(CNS)* [Toronto, Ont., Canada: Can. Nucl. Soc. 1992] 8056, 8083−8

CANDU maintenance; Toronto, Ont., Canada, 22-24 Nov. 1992, *(Canadian Nucl. Soc.; Canadian Nucl. Assoc)* [Toronto, Ont., Canada: Candian Nucl. Soc. 1992] 9080 (introductory abstract), 15264, 16540−55, 16560−74, 16597−613

Caring for health information safety, security and secrecy; Heemskerk, Netherlands, 13-16 Nov. 1993, [Feb. 1994] 36527, 37403−4

Case based reasoning, applications; London, UK, 3 March 1994, *(IEE)* [London, UK: IEE 1994] 40913

Cellular automata and cooperative systems; Les Houches, France, 22 June-2 July 1992, [Dordrecht, Netherlands: Kluwer Academic Publishers 1993] 17986, 17993

Cellular neural networks; Munich, Germany, 14-16 Oct. 1992, *(IEEE; VDE/ITG; Eur. Res. Office of the US Army)* [New York, NY, USA: IEEE 1992] 89 (introductory abstract), 1360−8, 1376−8, 1703, 3268, 4969−73

Chaos in communications; San Diego, CA, USA, 14-15 July 1993, *(SPIE)* [1993] 33178 (introductory abstract), 33461, 33476, 33800, 33856, 35518, 35539, 36448−50, 36464−6, 36475−6, 36480, 36497, 36634−6, 36669−77, 37051, 37157, 38450, 39397

Chaos in optics; San Diego, CA, USA, 14-16 July 1993, *(SPIE)* [1993] 40801 (introductory abstract), 43808, 43943−8, 44124−6

Chaos/nonlinear dynamics: methods and commercialization; San Diego, CA, USA, 12-13 July 1993, *(SPIE)* [1994] 40716 (introductory abstract), 43643, 44927−9, 45176−7, 46399

Charged-particle optics; San Diego, CA, USA, 15 July 1993, *(SPIE)* [1993] 26004 (introductory abstract)

Chemical beam epitaxy and related growth techniques; Nara, Japan, 21-23 July 1993, [March 1994] 40756 (introductory abstract), 41327−34, 41363−70, 42403, 42523−4, 42719, 42880−2, 43015−6, 43871−5, 48137

Chemical perspectives of microelectronic materials; Boston, MA, USA, 30 Nov.-3 Dec. 1992, [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 40978, 41310, 41380−9, 41393, 41443−8, 41469−78, 41481−90, 42563, 42650, 42659, 42701, 42735−40, 42782−91, 42805, 42893−4, 42947, 43023, 46549

Chemical sensors; Tokyo, Japan, 13-17 Sept. 1992, [May 1993] 46367

Chemical vapor deposition of refractory metals and ceramics; Boston, MA, USA, 4-6 Dec. 1991, *(U.S. Dept. Energy) T.M.Besmann, B.M.Gallois, J.W.Warren (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 26020 (introductory abstract)

Chemical vapour deposition; Tampere, Finland, 22-27 Aug. 1993, [Aug. 1993] 9089 (introductory abstract), 9565−7, 9650−3, 9726−33, 9759−65, 10780, 10992−5, 11416

Circuits and systems; Washington, DC, USA, 9-12 Aug. 1992, *(IEEE; George Washington Univ)* [New York, NY, USA: IEEE 1992] 9124 (introductory abstract), 9357, 9367, 9417, 9867, 9907−11, 9920−1, 9923, 9930−1, 9933−4, 9953−4, 9966−7, 9977, 9990−3, 10011, 10016, 10030−3, 10041, 10080−6, 10119−34, 10169−70, 10201, 10213−6, 10224, 10234−44, 10253−5, 10258, 10261, 10272, 10279−86, 10305−7, 10315−24, 10352−3, 10361, 10364−9, 10373, 10376, 10380−4, 10422, 10432, 10471−4, 10506−7, 11116, 11214, 11221, 11258, 11283−4, 11293, 11327−8, 11387, 11506, 11623, 11774, 12639, 12655, 12695, 12923, 13080−1, 13238−40, 13297−301, 13544−5, 13648−54, 14161, 14213−5, 14326, 14359, 14615, 14666−7, 14684−5, 14699, 14766, 14892, 14908, 14924, 15116, 15119, 15165, 15873, 16096, 16171−2, 16231−2, 16274, 16290, 16337−8, 16451, 16470−1, 16724, 16914−5, 17050, 17406, 17807, 17848, 18009−11, 18402−4, 18422, 18444, 18449, 18452, 18463−5, 18500−3, 18506, 18520−1, 18544, 18547−9, 18552, 18595−601, 18619, 18750−1, 18769−70, 18825, 18827−30, 18851−2, 18854−5, 18869−71, 18879−81, 18892−3, 18906−7, 18909, 18916, 18922−4, 18931−2, 18953, 18979−80, 19044, 19057, 19103−6, 19121, 19901, 19933, 19988, 20150, 20525−6, 21313, 21655, 21743−7, 21814−6, 21982−4, 22069, 22670, 22748, 22807, 23024, 23052, 23108−9, 23162, 23235, 23860, 24625−8, 24730, 24767−9, 24859−60, 25064, 25297, 25406, 25410, 25435, 25503−4

Circuits and systems tutorial colloquium; London, UK, 18 Feb. 1993, *(IEE)* [London, UK: IEE 1993] 40711 (introductory abstract), 40888−9, 42083, 44815, 46262

'Clarifying cataract'; Orlando, FL, USA, Dec. 1992, [Nov. 1993] 31841

Clinical applications of modern imaging technology; Los Angeles, CA, USA, 17-19 Jan. 1993, *(SPIE)* [1993] 26031 (introductory abstract)

CNA/CNS Conference; St. John, NB, Canada, 7-10 June 1992, *(CNA; CNS)* [Toronto, Ont., Canada: Canadian Nucl. Assoc. 1992] 97−103, 8055, 8078−82, 8109−13, 32624

Coherent and nonlinear optics; St. Petersburg, Russia, 24-27 Sept. 1991, [1992] 3757, 3881–3, 7639, 11951–2, 24555

Color hard copy and graphic arts II; San Jose, CA, USA, 1-4 Feb. 1993, *(SPIE; Soc. Imaging Sci. & Technol)* [1993] 11334, 11344, 11390–1, 12493, 13476–8, 15071–2

Communication technology; Beijing, China, 16-18 Sept. 1992, *(CIE; CIC; Tsinghua Univ.;IEEE)* [Beijing, China: Int. Acad. Publishers 1992] 4345–6, 4369, 4409–13, 5187–8, 5240, 5255, 5364, 5494–9, 5836–41

Communications; Bangor, UK, 2-3 June 1993, [Bangor, UK: Univ. Wales 1993] 26 (introductory abstract), 1299, 1303, 1619, 3334, 3525–6, 3604, 4106, 4114, 4414–25, 4525, 4647, 5157–8, 5267, 5302–5, 5365–6, 5401, 5500–4, 5594–5, 5623, 5625, 5736–8, 5794–801, 5810, 5930–40, 5953–7, 6163, 6188, 6246

Communications and signal processing COMSIG '92; Cape Town, South Africa, 11 Sept. 1992, *(IEEE) M.Inggs (editor/s),* [New York, NY, USA: IEEE 1992] 26085 (introductory abstract), 10338, 12617, 12812–4, 12829–30, 12941–8, 13161–4, 13830–6, 14099, 14289–91, 14304, 14314, 14323, 14405, 14558–60, 14694–8, 14707, 14735, 14850, 15987, 16017

Communications and vehicular technology; Delft, Netherlands, 27-28 Oct. 1993, *(IEEE; ALCATEL; Bell; TU Delft) A.Kegel, R.Prasad (editor/s),* [Delft, Netherlands: Delft. Univ. Technol. 1993] 33255 (introductory abstract), 36218–9, 36410, 36493–5, 36584–5, 37058, 37091–2, 37155–6, 37725–6, 37888–900, 37967–8, 38192–3, 38227–8

Communications architectures, protocols and applications; San Francisco, CA, USA, 13-17 Sept. 1993, [Oct. 1993] 26024 (introductory abstract), 30160, 30164–6, 30196, 30204–8, 30248–52, 30377–89

Communications, computers and power in the modern environment; Saskatoon, Sask., Canada, 17-18 May 1993, *(IEEE; Nat. Sci. Eng. Res. Council)* [New York, NY, USA: IEEE 1993] 26045 (introductory abstract), 26289, 26582, 26756–7, 27116, 27187, 29185, 29415, 29452, 29543–4, 29704, 29915–7, 30297–8, 30486, 30571–2, 30607, 31184, 31826, 32206–9, 32308–11, 32412, 32418–9, 32470–2, 32475, 32491–5, 32521, 32668–9, 32785, 32817, 32844, 32847, 32896

Communications simulation and modelling; York, UK, 28 Sept. 1993, *(IEE)* [London, UK: IEE 1993] 92 (introductory abstract), 1275, 5140, 5418, 5436, 5745–6, 5824–6, 5855–7, 6096

COMPCON '94; San Francisco, CA, USA, 28 Feb.-4 March 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40712 (introductory abstract), 40842, 41760, 41880–2, 41886, 41910–20, 41929–33, 42275, 43096, 44845, 45273, 45398–9, 45488, 45509–14, 45541, 46246

Complex and irregular systems; Bielefeld, Germany, 16-20 Dec. 1991, [Singapore: World Scientific 1993] 33861

Complex systems verification and validation; Vimeiro, Portugal, 6-17 July 1992, *[NATO; Eurocontrol; U.S. Federal Aviation Adm.; et al)* [Berlin, Germany: Springer-Verlag 1993] 39335–7, 39432

Components for fiber optic applications VII; Boston, MA, USA, 10-11 Sept. 1992, *(SPIE)* [1993] 47 (introductory abstract), 2927, 3031–43, 3135, 3243, 5645, 5960–3, 6531

Compound semiconductor materials; Ecully, France, 19-22 May 1992, [30 June 1993] 904–5, 1845–6, 2388, 2422–3

Compound semiconductors/large scale integrated electronic and photonic arrays; St. Louis, MO, USA, 17-22 May 1992, *D.N.Buckley, V.Swaminathan (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1992] 64 (introductory abstract), 642, 691–5, 739–40, 810, 1563–4, 1888, 1905, 2028, 2122–3, 2169, 2304, 2452, 2576, 2593–4, 3310, 3396–7, 3641–2, 6028–30, 6504

Compugraphics '92; Lisbon, Portugal, 14-17 Dec. 1992, *(Calouste Gulbenkian Found)* [Lisbon, Portugal: Tech. Univ. Lisbon 1992] 11109, 12453, 22503, 23306, 23349

Computation in electromagnetics; London, UK, 12-14 April 1994, [London, UK: IEE 1994] 40819 (introductory abstract)

Computational accelerator physics conference; Los Alamos, NM, USA, 22-26 Feb. 1993, [1994] 40713 (introductory abstract), 41679, 42361, 46702–8, 46740–74, 46792, 46999

Computational methods and experimental measurements; Siena, Italy, 3-5 May 1993, *(Wessex Inst. Technol.; Univ. Naples; Univ. Siena)* [Southampton, UK: Comput. Mech. Publications 1993] 25595

Computational wind engineering; Tokyo, Japan, 21-23 Aug. 1992, [Aug. 1993] 5015

Computer-aided architectural design; Pittsburgh, PA, USA, 7-10 July 1993, [Amsterdam, Netherlands: North-Holland 1993] 44731

Computer-aided control system design; Napa, CA, USA, 17-19 March 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 24422, 24563, 24766

Computer-aided design; Santa Clara, CA, USA, 8-12 Nov. 1992, *(IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1992] 26583 (introductory abstract), 26307–8, 26584–619, 26768–72, 26854–91, 27011, 27030–3, 27363–4, 27392–3, 27395, 28241–2, 28270–1, 28281, 28289, 29231

Computer aided process engineering; Graz, Austria, 5-7 July 1993, [1994] 17782

Computer aided systems theory; Las Palmas, Spain, 21-26 Feb. 1993, [Jan.-Feb. 1994] 36704, 36927–30, 40045

Computer aided verification; Elounda, Greece, 28 June-1 July 1993, [Berlin, Germany: Springer-Verlag 1993] 41813, 45358–9

Computer applications in power plants; Bombay, India, 8-10 Dec. 1992, *(Board Res. Nuclear Sci.; Dept. Atomic Energy)* [Bombay, India: Bhabha Atomic Res. Centre 1992] 9084 (introductory abstract), 3276, 6349–50, 7557, 7574, 7884, 8073–7, 8114–8, 8152, 8187, 8344, 8722, 14875, 14900, 14902, 16454, 16501–11, 16531–2, 16556, 16617–20, 16623–4, 16661

Computer-assisted materials design and process simulation; Tokyo, Japan, 6-9 Sept. 1993, *(Iron & Steel Inst. Japan)* [Tokyo, Japan: Iron & Steel Inst. Japan 1993] 20151–2

Computer-based medical systems; Ann Arbor, MI, USA, 13-16 June 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 14227, 15837, 15912–3, 15922–4, 16092, 22071–2, 24294–5

Computer hardware description languages; Ottawa, Ont., Canada, 26-28 April 1993, *(IFIP; IEEE)* [1993] 35 (introductory abstract), 953–6, 1171–9, 1260–1, 2631–2, 5242–4

Computer integrated construction; Tokyo, Japan, 17-19 Sept. 1990, [Amsterdam, Netherlands: Elsevier 1992] 22617, 23238

Computer science, mathematical foundation; Gdansk, Poland, 30 Aug.-3 Sept. 1993, [Berlin, Germany: Springer-Verlag 1993] 33472, 33479–82

Computer security; Toronto, Ont., Canada, 12-14 May 1993, *(IFIP)* [1993] 17694 (introductory abstract), 21622–4, 2261 –7

Computer security and industrial cryptography; . .uven, Belgium, 21-23 May 1991, *B.Preneel, R.Govaerts, J.Vandewalle (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 17666 (introductory abstract), 21579–83, 22557–9, 22649–50, 22810

Computer security, ESORICS 92; Toulouse, France, 23-25 Nov. 1992, *(AFCET) Y.Deswarte, G.Eizenberg, J.-J.Quisquater (editor/s),* [Berlin, Germany: Springer-Verlag 1992] 17663 (introductory abstract), 12939, 14228–31, 21549–50, 22343, 22550

Computer vision for industry; Munich, Germany, 24-25 June 1993, *(Eur. Opt. Soc.; Soc. Imaging Sci. & Technol.; SPIE)* [1993] 43594, 46480, 46508

Computers and industrial engineering; USA, 1993, [Sept. 1993] 416, 547–8, 1732, 5161, 5524, 5599, 5804, 6248, 7523, 7895

Computers in cardiology; Durham, NC, USA, 11-14 Oct. 1992, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1992] 9093 (introductory abstract), 15854–63, 15876–85, 24203–4, 24281–5, 24298–319, 24326–30, 24363, 24380, 38948, 39045–61, 39099–103

Computers in libraries; London, UK, 23-25 Feb. 1993, [London, UK: Meckler 1993] 22618

Computers in personnel; London, UK, 23-24 June 1993, [London, UK: Inst. Personnel Manage. 1993] 45500

Computing in high energy physics; Annecy, France, 21-25 Sept. 1992, [Geneve, Switzerland: CERN 1992] 35242, 37467, 37613, 38092, 38418–9, 38771, 38885–901, 38915–32, 38940, 45505–7, 46962–4, 46982–6

Conceptual structures; Las Cruces, NM, USA, 8-10 July 1992, [Berlin, Germany: Springer-Verlag 1993] 22646

Concurrent engineering and computer aided acquisition and logistics support; Washington, DC, USA, 28 June-1 July 1993, *(Soc. Comput. Aided Eng)* [Rockford, IL, USA: Fabricators & Manuf. Assoc. 1993] 40892–3

Concurrent engineering for mechanical system design; Iowa City, IA, USA, 25 May-5 June 1992, [Berlin, Germany: Springer-Verlag 1993] 33312, 33427, 37488, 38630

Condensed Matter Division of the EPS general meeting; Regensburg, Germany, 29 March-2 April 1993, [1993] 10721, 11525, 18183–4, 19273, 19714, 20126, 20850, 23529, 23748, 24133, 24214

Configurable distributed systems; Pittsburgh, PA, USA, 21-23 March 1994, *(IEEE; Carnegie Mellon Univ)* [Los Almitos, CA, USA: IEEE Comput. Soc. Press 1994] 45508, 46292

Connecting workers in and between organizations; Vienna, Austria, 16-18 June 1993, *(IFIP)* [1994] 33180 (introductory abstract), 30358–9, 30464–6

Connectors on vehicles; London, UK, 30 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 40771 (introductory abstract), 42272, 42280–2, 48440–2

Consumer electronics; Rosemont, IL, USA, 8-10 June 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 41 (introductory abstract)

Consumer electronics 1993; Rosemont, IL, USA, 8-10 June 1993, *(IEEE)* [Aug. 1993] 33 (introductory abstract), 1169, 1255, 1285, 1331, 4659–60, 4936–43, 5439, 5610, 5729, 5806–7, 6202–9, 6225–30, 6249–53, 6263, 6269, 10022, 10294, 12819, 13525–6, 14136, 14366, 14603–6, 14757–9, 14770–4, 14778–82, 14792–7, 14822–8, 14852–4, 15075, 34083–4, 35043, 36524, 36877–8, 37111–2, 37214, 37359, 37386, 37397–8, 37649, 38233–7, 38246–51, 38287–9, 38311, 38367

Containment integrity; Washington, DC, USA, 12-14 May 1992, *(U.S. Nuclear Regulatory Comm)* [Dec. 1993] 33198 (introductory abstract), 39782

Contamination control and defect reduction in semiconductor manufacturing; Toronto, Ont., Canada, 12-14 Oct. 1992, *D.N.Schmidt (editor/s),* [Pennington, NJ, USA: Electrochem. Soc 1992] 66 (introductory abstract), 273, 441–3, 851–3, 1833, 1991–8, 2170, 2258, 2641, 6454

Control applications; Dayton, OH, USA, 13-16 Sept. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 18468, 19485, 21740–2, 21809–12, 21979–81, 22067–8, 23116–7, 23160, 23212, 24388–9, 24432–6, 24447, 24760–5, 24854, 25251, 25290, 25384, 25405, 25430–1, 25455–6, 25461, 25474–5, 25873, 25910

Control of laser beam properties; Los Angeles, CA, USA, 19-21 Jan. 1993, *(SPIE)* [1993] 29003 (introductory abstract), 28425–6, 28911–2, 28929–33, 28948–53, 29004–10, 29079

Controlled fusion and plasma physics; Lisbon, Portugal, 26-30 July 1993, [Dec. 1993] 19295

Cooperative intelligent robotics in space III; Boston, MA, USA, 16-18 Nov. 1992, *(SPIE)* [1992] 44848, 45121–2, 45491, 46378, 46610, 47155–63, 47172

Coplanar waveguides: analysis, design and applications; London, UK, 19 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 40743 (introductory abstract), 42153–4, 42229–35, 43350

Cordless office; London, UK, 5 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 17667 (introductory abstract), 22560–3

Correct hardware design and verification; Arles, France, 24-26 May 1993, [Berlin, Germany: Springer-Verlag 1993] 952

Cryptology, ASIACRYPT '91; Fujiyoshida, Japan, 11-14 Nov. 1991, *(Int. Assoc. Cryptologic Rec.;Inst. Electron. Inf. & Common. Engineers) H.Imai, R.L.Rivest, T.Matsumoto (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 9146 (introductory abstract), 12881–902, 12962–81, 13903, 14524

Cryptology - AUSCRYPT '92; Gold Coast, Qld., Australia, 13-16 Dec. 1992, *J.Seberry, Y.Zheng (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 17664 (introductory abstract), 12815, 12950–61, 13921, 14260, 18018–20, 21460, 21552–78

Cryptology - CRYPTO'92; Santa Barbara, CA, USA, 16-20 Aug. 1992, *E.F.Brickell (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 17661 (introductory abstract), 9418–20, 12926–37, 18752, 21525–48, 22483

Crystal growth; Baltimore, MD, USA, 1-6 Aug. 1993, *(American Assoc. Crystal Growth; Air Force Office of Sponsored Res.; NASA, NSF; et al)* [March 1994] 40724 (introductory abstract), 26436, 41230–4, 41239–40, 41262, 41396–7, 42641, 43655, 46460

Data communication systems; Raleigh, NC, USA, 26-28 Oct. 1993, *(IFIP; North Carolina State Univ.; IBM)* [1994] 40695 (introductory abstract), 45281–8, 45314–9, 45341–8, 45375

Data compression; Snowbird, UT, USA, 30 March-2 April 1993, *(IEEE; NASA/CESDIS) J.A.Storer, M.Cohn (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 5 (introductory abstract), 4381–99, 4607, 4837–55, 5710, 7319, 7345, 7580, 7627

Data engineering; Houston, TX, USA, 14-18 Feb. 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 41575, 45330–1, 45539, 45655

Database systems; Taejon, South Korea, 6-8 April 1993, [Singapore: World Scientific 1993] 22468

Decentralized and distributed systems; Palma de Mallorca, Spain, 13-17 Sept. 1993, *(IFIP)* [1993] 30467–74, 30503

Decision making support for off-site emergency management; Schloss Elmau, Germany, 25-30 Oct. 1992, [1993] 33236 (introductory abstract), 39122–3, 39406, 39818

Defects in semiconductors; Gmunden, Austria, 18-23 July 1993, *(Australian Phys. Soc.; IBM; Siemens AG; et al)* [1994] 40719 (introductory abstract), 41229, 41249–53, 42387–8, 42408–11, 42419, 42462–3, 42544, 42567–8, 42625–39, 42675, 42837–8, 43654, 43822

Defects in silicon; Washington, DC, USA, 5-10 May 1991, *W.M.Bullis, U.Gosele (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1991] 69 (introductory abstract), 652, 793, 1836, 1911, 1920, 1968–9, 2002–9, 2179–80, 2196–201, 2484, 2642, 2672, 2678, 8779

Design and safety of advanced nuclear power plants; Tokyo, Japan, 25-29 Oct. 1992, [Oct. 1993] 9120 (introductory abstract), 16525–7, 16592

Design automation of high performance VLSI systems; Notre Dame, IN, USA, 4-5 March 1994, *(IEEE; Univ. Notre Dame; ACM)* [Los Almitos, CA, USA: IEEE Comput. Soc. Press 1994] 40765 (introductory abstract)
Design methods of control systems; Zurich, Switzerland, 4-6 Sept. 1991, *(IFAC; Eidgenossische Tech. Hochschule; et al)* [Oxford, UK: Pergamon 1992] 7785−6, 8232
Development and applications in engineering and science; Mystic, CT, USA, 26-27 April 1993, [1994] 40796 (introductory abstract)
Device research conference; Santa Barbara, CA, USA, 21-23 June 1993, *(IEEE)* [Nov. 1993] 17729 (introductory abstract), 17981, 18537, 18677, 18720−2, 19072, 19401, 19474, 19701, 19751−2, 19792−6, 19864−73, 19914−6, 19971, 20013, 20019, 20028, 20214, 20401−3, 20539−40, 20562−3, 20579−80, 20893−6, 23634−8, 23741, 27203−7, 28095−7, 28187−91, 28255, 28487, 28811−20, 42187
Diagnostic and therapeutic cardiovascular interventions III; Los Angeles, CA, USA, 16-17 Jan. 1993, *(SPIE; Biomed. Opt. Soc)* [1993] 17710 (introductory abstract)
Diagnostic methods; Los Angeles, CA, USA, 19-20 Jan. 1993, *(SPIE)* [1993] 17649 (introductory abstract)
Diagnostic radiology and nuclear medicine; Wurzburg, Germany, 15-17 June 1992, [1993] 17648 (introductory abstract), 15780−803, 15940−1, 24160−95
Diamond in electronics and optics; London, UK, 4 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 40744 (introductory abstract), 41442, 42394−5, 42442, 43007, 43623, 46372, 46543, 46658
Didamatica '93; Genova, Italy, 14-16 April 1993, [Milan, Italy: A.I.C.A. 1993] 30302−3, 30519
Digital and analogue filters and filtering systems; London, UK, 2 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 40709 (introductory abstract), 42033−6, 42051−6, 44750, 45909, 46032
Digital image processing teaching; London, UK, 21 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9145 (introductory abstract), 13837−46
Digital terrestrial TV; London, UK, 10 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 26087 (introductory abstract), 30952−6, 31026−9
Diode pumping of average-power solid state lasers; Los Angeles, CA, USA, 21-22 Jan. 1993, *(SPIE)* [1993] 17713 (introductory abstract), 20712−28, 20889−91
Direct methanol-air fuel cells; Washington, DC, USA, 14-16 May 1990, *A.R.Landgrebe, R.K.Sen, D.J.Wheeler (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1992] 9085 (introductory abstract), 17289−306
Discovery, exploration and co-operation; Washington, DC, USA, 28 Aug.-5 Sept. 1992, [Oct.-Nov. 1993] 26054 (introductory abstract)
Discrete algorithms; Orlando, FL, USA, 27-29 Jan. 1992, *(ACM; SIAM)* [New York, NY, USA: ACM 1992] 26316−8
Dislocations; Aussois, France, 31 March-9 April 1993, *(Aerospace Res. & Dev.; Naval Res. European Office; U.S.Air Force European Office Aerosp. Res. & Dev)* [1994] 27639−40
Display systems; Munich, Germany, 23-24 June 1993, *(Eur. Opt. Soc; SPIE; Soc. Imaging Sci. & Technol)* [1993] 40800 (introductory abstract), 43376, 46551−6, 47192−203
Distributed computing systems; Pittsburgh, PA, USA, 25-28 May 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 45268, 45352−6, 45571−84
Distributed object management; London, UK, 14 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 37310
Distribution automation and demand side management; Palm Springs, CA, USA, 11-13 Jan. 1993, [San Francisco, CA, USA: Eureka Inf. Services Group 1993] 85 (introductory abstract), 7760−84, 7869−83, 7887, 7925−32, 8018−23, 8717, 8787, 8998, 9030, 9061
Document analysis and information retrieval; Las Vegas, NV, USA, 26-28 April 1993, *(IEEE; Inf. Sci. Rec. Inst.; Howard R. Hughes College Eng.;)* [Las Vegas, NV, USA: Univ. Nevada 1993] 22015−6
Doppler and echocardiography; Singapore, 6-8 Aug. 1993, [Singapore: Singapore Cardiac Soc. 1993] 17738 (introductory abstract)
Drivers for inertial confinement fusion; Osaka, Japan, 15-19 April 1992, *(Minist. Educ. Sci. & Culture)* [1993] 14 (introductory abstract), 3410, 3422−7, 3684, 6881, 8507
Dynamics and control of chemical reactors; College Park, MD, USA, 26-29 April 1992, *(IFAC)* [Oxford, UK: Pergamon Press 1993] 8222
Echocardiography; Rome, Italy, 3-6 Feb. 1993, *A.Dagianti, H.Feigenbaum (editor/s),* [Amsterdam, Netherlands: Excerpta Medica 1993] 86 (introductory abstract)
Economics of frequency allocation; Paris, France, 27-28 April 1992, [Paris, France: OECD 1993] 26089 (introductory abstract)
Education technologies for mathematics and science; Milton Keynes, UK, 12-14 July 1990, [Berlin, Germany: Springer, Verlag 1993] 33278
Educational multimedia and hypermedia; Orlando, FL, USA, 23-26 June 1993, [Charlottesville, VA, USA: Assoc. Adv. Comput. Education 1993] 33265−7, 33273, 36590, 37439, 38347
Educational technology in technology education; Salford, UK, 16-28 Aug. 1992, [Berlin, Germany: Springer-Verlag 1993] 33286
EFOC & N '93 - fibre optic communications; Hague, Netherlands, 30 June-2 July 1993, [Geneva, Switzerland: Eur. Inst. Commun. & Networks 1993] 40811 (introductory abstract)
EGS-4 user's meeting; Ibaraki, Japan, 20-22 July 1992, [Ibaraki, Japan: Nat. Lab. High Energy Phys. 1992] 23995, 24079
Electric equipment corrosion; London, UK, 19 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9142 (introductory abstract), 16752, 16798, 16942, 17129
Electric racing vehicles; London, UK, 26 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9147 (introductory abstract), 17567−75
Electric vehicles; Florence, Italy, 27-30 Sept. 1992, [Milan, Italy: EVS 1992] 40730 (introductory abstract), 47165, 48091, 48110, 48163, 48185−234, 48247−343, 48386−426
Electrical engineering in the water industry; London, UK, 22 March 1994, *(IEE)* [London, UK: IEE 1994] 40817 (introductory abstract), 45743, 47792, 47805, 48498−500
Electrical insulation and dielectric phenomena; Victoria, BC, Canada, 18-21 Oct. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 33248 (introductory abstract), 35099−106, 35121−7, 35130−3, 35148−9, 35152−6, 35162−80, 38091, 38410, 39150, 39613, 39629−35, 40081, 40109, 40293, 40820, 42253−4, 42348, 42572, 42595, 43137, 43143−52, 43165−8, 43173−6, 43184, 43186−209, 46574, 47510−2, 47548, 47592, 47642, 47824, 47920−2
Electrical machines; Adelaide, SA, Australia, 14-16 Sept. 1993, [The Levels, SA, Australia: Univ. South Australia 1993] 33256 (introductory abstract), 33901, 34296, 38719, 39107−8, 40054, 40072−5, 40110−7, 40138−50, 40197−230, 40251−6, 40273−4, 40295−7, 40350, 40557−71, 40627−31, 40821−6, 42100, 47825−6, 48037, 48489
Electrical machines and drives; Oxford, UK, 8-10 Sept. 1993, [London, UK: IEE 1993] 40 (introductory abstract), 8276−88, 8325−34, 8339−41, 8382−93, 8404−11, 8442−7, 8452, 8459−60, 8469−70, 8727−9, 8807−17, 8838−44, 9062, 9071
Electrical safety in hazardous environments; London, UK, 19-21 April 1994, [London, UK: IEE 1994] 40785 (introductory abstract)
Electricity distribution, CIRED '91; Liege, Belgium, 22-26 April 1991, [Liege, Belgium: AIM 1991] 17659 (introductory abstract), 24621−4, 24641, 24751−9, 24792−7, 24870−83, 24893, 24908−12, 24915−27, 24954−65, 24987−91, 25001, 25006, 25026−33, 25050−1, 25067−75, 25091−2, 25215, 25499−502, 25573−9, 25593, 25606−12, 25616, 25625, 25895, 25939−40, 25979−81, 25987
Electroluminescent materials; San Jose, CA, USA, 1-2 Feb. 1993, *(SPIE; Soc Imaging Sci. & Technol)* [1993] 33238 (introductory abstract), 33765, 34870, 35567−9, 35589, 35594−600, 35606−7, 35614−5, 38306, 38499, 38592, 38615−24, 39151, 39192
Electromagnetic compatibility; Zurich, Switzerland, 9-11 March 1993, *(IEEE; ACM)* [Zurich, Switzerland: ETH Zentrum 1993] 33217 (introductory abstract), 34210, 34339−42, 35079, 36102, 36259−72, 36282−9, 36294−7, 36299, 36368, 36409, 38638, 39115−7, 39391, 39480, 40294, 40383, 40389, 41727, 42289, 44381−430, 44432−56, 44479−84, 44547, 44576, 44633, 44814, 45693, 45736−7, 45744, 45749, 45783−5, 46159, 46164, 47571−5, 48025, 48427
Electromagnetic compatibility - EURO - EMC '93; Esher, UK, 5-7 Oct. 1993, [Tunbridge Wells, UK: Reed Exhibition Co. (UK) 1993] 33185 (introductory abstract), 34284, 36231−48, 39081, 40158, 40306, 40675
Electromagnetic fields in electrical engineering; Warsaw, Poland, 16-18 Sept. 1993, [March 1994] 40758 (introductory abstract), 41168, 41544, 41874, 42267, 43317, 44212−6, 44229, 44235, 44249−52, 44259−60, 44276, 44336, 47454, 47560, 47841, 47864, 47885−6, 47898−9, 47904, 47918−9, 47938−42, 48370
Electromagnetic hazards to active electronic components; London, UK, 14 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 40816 (introductory abstract), 41608, 41876−7, 42251, 44277, 44475−6
Electromagnetic induction in the Earth; Wellington, New Zealand, 26 Aug.-2 Sept. 1992, [1993] 26066 (introductory abstract)
Electromagnetic theory; Sydney, NSW, Australia, 17-20 Aug. 1992, *(URSI: CSIRO; Australian Telecommun. & Electron. Res. Board; et al)* [Washington, DC, USA: URSI 1992] 9079 (introductory abstract), 1397−8, 1488, 1497, 3119, 3886−90, 3971−4, 4018, 4071−94, 4171−4, 4235−44, 4252−60, 4308−10, 4340, 4350, 5854, 6120−2, 6765, 7498, 10389, 10393, 10398, 10423−6, 10479−81, 11624, 12511−2, 12525, 12546−54, 12579−89, 12607−13, 12616, 12640, 12644, 12662−8, 12696−714, 12717−8, 12726−7, 12734, 12738, 12756−67, 12771−3, 12784−5, 12792, 14466, 14693, 14743, 15172, 15936−7, 15970, 16021−2, 18981, 20351−3, 20378, 21172, 21177, 21202−6, 21385, 21398−9
Electron and optical beam testing of electronic devices; Zurich, Switzerland, 1-3 Sept. 1993, [March 1994] 40693 (introductory abstract), 40906−8, 40934, 41518, 41728, 41797, 42236−8, 42349, 42375, 42377, 42423, 42482−3, 42586, 42716, 43042−58, 43103−5, 43123−4, 43236, 43522, 43637, 43869, 46544, 48135
Electron beam utilization; Bangkok, Thailand & Jakarta, Indonesia, 9 & 13 July 1992, *S.Sato (editor/s),* [Ibaraki-ken, Japan: JAERI 1993] 17681 (introductory abstract)
Electron-beam, X-ray and ion-beam submicrometer lithographies for manufacturing III; San Jose, CA, USA, 1-2 March 1993, *(SPIE)* [1993] 30 (introductory abstract), 2307−27
Electron, ion and photon beams; San Diego, CA, USA, 1-4 June 1993, *(American Vacuum Soc.; IEEE; Opt. Soc. America)* [Nov.-Dec. 1993] 26063 (introductory abstract), 26469, 26508−9, 26898, 26942−3, 27314, 27404−5, 27410−1, 27446−8, 27544−51, 27651−3, 27738−50, 27802, 27892−996, 28164−5, 28210−3, 28246, 28683, 28851−3, 28934, 29059−60, 29106, 31193, 31815−6
Electronic control systems in the gas industry; London, UK, 25 Jan. 1993, *(IEE)* [London, UK: IEE 1993] 46532
Electronic imaging and the visual arts; London, UK, July 1993, [1993] 30528
Electronic messaging; London, UK, 10-11 March 1993, *(Digital Equipment Corp.;Lotus Dev. Corp.;Microsoft;Tandem)* [Inkberrow, UK: EEMA 1993] 37375 (introductory abstract)
Electronic properties of two-dimensional systems; Newport, RI, USA, 31 May-4 June 1993, *(Army Res. Office; Nat. Sci. Found.; Office Naval Res.; et al)* [20 March 1994] 42528−36, 42781, 42857−60, 43366
Electronics packaging; San Diego, CA, USA, 12-15 Sept. 1993, *(Int. Electron. Packaging Soc)* [Wheaton, IL, USA: Int. Electron. Packaging Soc. 1993] 84 (introductory abstract), 286, 352−406, 1689, 1708−12, 1742−6, 1759, 1765−9, 6709, 6738, 9197−8, 9276−89, 9800, 10556−7, 10566, 10600, 12625, 15889, 16034
Electrostatic problems during material handling; London, UK, 15 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 33231 (introductory abstract), 33769−70, 36110−5
ELF/VLF/LF radio propagation; Brussels, Belgium, 28 Sept.-2 Oct. 1992, [Neuilly sur Seine, France: AGARD 1993] 88 (introductory abstract), 4123−38, 4166−7, 4261−2, 4311−4, 4341, 5744, 7676
ELFE project; Mainz, Germany, 7-9 Oct. 1992, *J.Arvieux, E.De Sanctis (editor/s),* [Bologna, Italy: Italian Phys. Soc. 1993] 33188 (introductory abstract), 38934−7
e^{+-} linear colliders; Garmisch-Partenkirchen, Germany, 25 July-2 Aug. 1992, *R.Settles (editor/s),* [Munchen, Germany: Max-Planck-Inst. Physik 1993] 40699 (introductory abstract), 46711−2, 46775−9
EMC in large systems; London, UK, 1 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 33229 (introductory abstract), 36273−5, 37199, 38875, 39159, 40609−10
EMC in power electronics; London, UK, 15 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 33232 (introductory abstract), 36276−9, 40528
EMC testing; London, UK, 21 Sept. 1993, *(IEE)* [London, UK: IEE 1993] 71 (introductory abstract), 4154−62
Emergency management; Arlington, VA, USA, 29 March-1 April 1993, *(Soc. Comput. Simulation)* [San Diego, CA, USA: SCS 1993] 25137
Emerging technologies and factory automation; Melbourne, Vic., Australia, 11-14 Aug. 1992, *(IEEE; Swinburne Inst. Technol.; La Trobe Univ)* [Aldershot, UK: CRL Publishing 1992] 33340, 33355, 33424, 34142, 36955−8, 37484−7, 38709, 38734, 39589, 40079, 40180, 40358
Emittance preservation in linear colliders; Tsukuba, Japan, 19-23 April 1993, *(Tsukuba EXPO'85 Memorial Found.; Found. High Energy Accel. Sci) J.Urakawa, K.Oide (editor/s),* [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1993] 17680 (introductory abstract)
Engineered materials; Dublin, Ireland, Sept. 1992, [1993] 25997 (introductory abstract)
Engineering education; New Orleans, LA, USA, 16-19 June 1991, [Washington, DC, USA: ASEE 1991] 26077 (introductory abstract), 111, 122−35, 138−43, 231−4, 950, 960−1, 965, 1328, 1334, 2623, 6153, 8144−5, 9164−9

Engineering in medicine and biology; Paris, France, 29 Oct.-1 Nov. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 9083 (introductory abstract)

Engineering industry computing; Birmingham, UK, 2-4 July 1991, *(Comm. European Communities; Dept. Trade & Ind.; Sci. & Eng. Res. Council et al)* [Bury St. Edmonds, UK: Mech. Eng. Publications 1991] 11419, 17502−5

Epitaxial growth mechanisms; San Francisco, CA, USA, 13-15 April 1993, *P.Fuoss, J.Tsao, D.W.Kisker, A.Zangwill, T.Kuech (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 9105 (introductory abstract), 9544−5, 9593−602, 9739−40, 10706, 10757, 10953, 18159−61

EUROCAST '93, computer aided systems theory; Las Palmas, Spain, 22-26 Feb. 1993, [Berlin, Germany: Springer-Verlag 1994] 30159, 30246, 30345, 36886

EUROCRYPT '93; Lofthus, Norway, 23-27 May 1993, *T.Helleseth (editor/s),* [Berlin, Germany: Springer-Verlag 1994] 36558 (introductory abstract), 29478−502, 36533−46, 37754

European design and test conference; Paris, France, 28 Feb.-3 March 1994, *(IEEE; Eur. Design Autom. Assoc.; AEIA, Spain; Altium; BULL; et al)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40768 (introductory abstract)

European microwave conference; Madrid, Spain, 6-10 Sept. 1993, [Tunbridge Wells, UK: Reed Exhibition Companies 1993] 26017 (introductory abstract), 19011, 19087, 19142−6, 19917−8, 21170−1, 21262−5, 21369, 21452, 22289, 22782−3, 22982, 23081, 23272, 26105−7, 26522, 26564, 26647−8, 26728−9, 26731−2, 26746−8, 27119−33, 27136−72, 27181−4, 27188−94, 27198−202, 27208−25, 27231−41, 27249−56, 27260−77, 27285−306, 27312−3, 27435, 27474, 28069, 28109, 28194−6, 28202−4, 28207−9, 28228, 28243, 28291−2, 28343, 28392, 28396−7, 28616, 28671, 28678−80, 28822, 29083, 29089−92, 29097, 29126−8, 29137−40, 29160, 29167−8, 29176−7, 29221−4, 29227, 29232−3, 29243−56, 29278, 29281−3, 29287−8, 29292, 29301−15, 29327−34, 29347, 29358−64, 29374−82, 29396−7, 29399, 29402, 30491, 30625−7, 30641−2, 30648−54, 30685, 30693−5, 30698, 30746, 30766−70, 30870−3, 30883−6, 30899−900, 30913−6, 30939, 31085, 31108−9, 31173, 31393−405, 31407−8, 31790, 31844, 31967, 32052, 33146−7, 42201, 46132, 46278

Eurosensors VI; San Sebastian, Spain, 5-7 Oct. 1992, [June-Aug. 1993] 34 (introductory abstract), 154, 797, 819, 1677, 1824, 1976, 6306, 6385−407, 6430−40, 6466, 6468−78, 6489−91, 6495, 6600−11, 6618−46, 6655−62, 6666−70, 6818, 7321−2, 7328, 7336−7, 7459, 7531, 7641−2, 7645, 7656−7, 8725, 11588, 11863, 14933−8, 15005−7, 15073−4, 15095

Excited states of transition elements; Karpacz, Poland, 2-6 Sept. 1991, [Singapore: World Scientific 1992] 28612, 28748, 28784

Experimental apparatus for high energy particle physics and astrophysics; S. Miniato, Italy, 26-30 April 1993, *(Italian Inst. Nuclear Phys)* [21 April 1994] 40803 (introductory abstract)

Expert system application to power systems; Melbourne, Vic., Australia, 4-8 Jan. 1993, *(NSF; EPRI; Applied Comput. Res. Inst) T.S.Dillon (editor/s),* [Aldershot, UK: CRL Publishing 1992] 17702 (introductory abstract), 24642, 24655−7, 24804−12, 24832−40, 24885−6, 25079−81, 25216−7, 25439, 31107, 32179−82, 32190−5, 32225−45, 32263−71, 32351−63, 32366−8, 32395−6, 32489, 32498−500, 32517, 32544, 32648, 32845, 32897−8, 32963, 32980−2, 33094, 39453, 39490−9, 39557−8, 39676, 39697, 40042, 40122, 40380

Expert systems applications; Paris, France, 10-11 Oct. 1991, *(IITT Int)* [Gournay sur Marne, France: IITT Int. 1991] 30314, 30568, 32018, 32041, 32223−4, 32460

Expert systems for development; Bangkok, Thailand, 28-31 March 1994, *(IEEE; Asian Inst. Technol.; Japanese Soc. Artificial Intelligence)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 33840, 37353, 37538

Expert systems for protection and control; London, UK, 26 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9148 (introductory abstract), 16253−6, 16455−6, 16487

FACSS XIX; Philadelphia, PA, USA, 20-25 Sept. 1992, [Sept. 1993] 18842

FEL and high power radiation; Ibaraki, Japan, 10-11 June 1993, *S.Hiramatsu (editor/s),* [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1994] 33258 (introductory abstract)

Ferroelectric materials and their applications; Kyoto, Japan, 26-28 May 1993, [Sept. 1993] 9117 (introductory abstract), 9689, 10528, 10532, 11360−1, 11367, 11443−4, 11639, 14977−8, 15123, 19161, 19823, 20057−8, 23509−10, 25470−2

Ferroelectric thin films; Boston, MA, USA, 2-4 Dec. 1991, [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 26053 (introductory abstract), 9661−2, 9691−4, 9777−82, 10186, 10537−8, 11364−5, 11368−74, 11403−4, 11409−11, 11447−8, 11634, 26517, 28254, 28308−11, 28322−4, 28335−41, 31233

Ferroelectricity; St. Petersburg, Russia, 22-26 June 1992, *(Russian Acad. Sci.; Russian Acad. Sci. Electrotech. Univ. St. Petersburg; Gordon & Breach)* [1994] 34289−90, 35290−1

Fiber laser sources and amplifiers IV; Boston, MA, USA, 10-11 Sept. 1992, *(SPIE)* [1993] 10 (introductory abstract), 2963, 3499−519, 3703, 3784−6, 5885−6

Fiber optic sensors in medical diagnostics; Los Angeles, CA, USA, 21 Jan. 1993, *(SPIE; Biomed. Optics Soc)* [1993] 9114 (introductory abstract)

Fiber optic systems; Boston, MA, USA, 9-11 Sept. 1992, *(SPIE)* [1993] 48 (introductory abstract), 3044−51, 5964, 6532−3, 7536−9

Fibre optic cable systems reliability; London, UK, 27 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 33228 (introductory abstract), 38054−60

Fibre optics and telecommunications; St. Petersburg, Russia, 26-29 April 1993, *S.Galkin, P.Polishuk (editor/s),* [Boston, MA, USA: Inf. Gatekeepers 1993] 17735 (introductory abstract)

Field emission; Nagoya, Japan, 2-6 Aug. 1993, *(Ministr. Educ. Japan; Commemorative Assoc. Japan World Exposition)* [March 1994] 40723 (introductory abstract), 42353−5, 42359−60, 42378−80, 42558, 46669

Field programmable gate arrays; London, UK, 15 Feb. 1993, *(IEE)* [London, UK: IEE 1993] 40746 (introductory abstract), 41788−93, 43301

Flavour and spin in hadronic and EM interactions; Torino, Italy, 21-23 Sept. 1992, *(Ist. Naz. Fis. Nucl.; Torino Univ)* [Bologna, Italy: Italian Phys. Soc. 1993] 6868−9, 6943−4

Flexible AC transmission systems; London, UK, 12 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 33205 (introductory abstract), 39567−74

Fluorescence sensing technology; Los Angeles, CA, USA, 19-20 Jan. 1993, *(SPIE; Biomed. Opt. Soc)* [1993] 9115 (introductory abstract)

FME '93; Odense, Denmark, 19-23 April 1993, [Berlin, Germany: Springer-Verlag 1993] 26967, 30214−5, 30578

Focusing Bragg optics; Brunschweig, Germany, 10-11 May 1993, [8 Jan. 1994] 47000−4

Formal power series; Bordeaux, France, 2-5 May 1991, [30 Aug. 1993] 4 (introductory abstract), 510−21

Forth workshop; Kansas City, MO, USA, 5-7 March 1992, [Dec. 1993] 32032

Foundations of quantum mechanics; Tokyo, Japan, 24-27 Aug. 1992, *(Minist. Educ. Sci. & Culture; Phys. Soc. Japan; et al)* [Tokyo, Japan: Japanes J. Appl. Phys. 1993] 1910, 2439−40, 2549, 2600, 2912−3

Foundations of software engineering; Los Angeles, CA, USA, 7-10 Dec. 1993, [Dec. 1993] 30512

FPGAs for custom computing machines; Napa, CA, USA, 5-7 April 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 33815, 33966−7

Fractals in natural sciences; Budapest, Hungary, 30 Aug.-2 Sept. 1993, [Sept. 1993] 40910, 42396

Free electron laser conference; The Hague, Netherlands, 23-27 Aug. 1993, *(Air Parts Int.; Americal Phys. Soc.; Balzers; Dutch Sci.; et al)* [1 March 1994] 40754 (introductory abstract), 42357, 43690−702, 43707−8, 43968−93, 43996−4002, 44006−9, 44081−2, 44111, 46716, 46719−21, 47026, 47450

Free-electron laser spectroscopy in biology, medicine and materials science; Los Angeles, CA, USA, 22 Jan. 1993, *(SPIE)* [1993] 17719 (introductory abstract)

Free-space laser communication technologies V; Los Angeles, CA, USA, 20-21 Jan. 1993, *(SPIE)* [1993] 78 (introductory abstract), 6036−49, 12097, 14563−75

French Metallurgical and Materials Society Autumn meeting; Paris, France, 12-14 Oct. 1993, [Sept. 1993] 25990 (introductory abstract)

Frequency control; Hershey, PA, USA, 27-29 May 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 17678 (introductory abstract), 17833, 18116, 18192, 18512, 18515−9, 18531, 18920, 18978, 18991−2, 19049−56, 20048−9, 20061−71, 20081−102, 20112−7, 21813, 22705, 23051, 23161, 23376−403, 23464, 23518, 23764−5, 23839−40, 23870, 23910−1

Frequency-stabilized lasers and their applications; Boston, MA, USA, 16-18 Nov. 1992, *(SPIE)* [1993] 76 (introductory abstract), 1565, 3413, 3452, 3554−6, 3650−63, 3714−9, 3867−8, 5684, 6032−5, 6294−302

From Galileo's 'Occhialino' to optoelectronics; Padova, Italy, 9-12 June 1992, *P.Mazzoldi (editor/s),* [Singapore: World Scientific 1993] 33189 (introductory abstract)

Frontiers in condensed matter physics; Bar-Ilan, Israel, 15-18 March 1993, [15 Nov. 1993] 20462, 21845

Frontiers of power; Stillwater, OK, USA, 25-26 Oct. 1993, *(Oklahoma State Univ.; Eng. Energy Lab; et al)* [Stillwater, OK, USA: Eng. Energy Lab., Oklahoma State Univ. 1993] 40702 (introductory abstract), 47362−5, 47436−40, 47563, 47593, 47616−7, 47725−8, 47770, 47814, 48492

Fully three-dimensional image reconstruction in radiology and nuclear medicine; Snowbird, UT, USA, 23-25 June 1993, *(CTI Inc.; GE Med. Syst.; Hamamatsu Photonics KK; et al)* [March 1994] 47079−80

Functional imaging; London, UK, 5 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 40739 (introductory abstract), 47053−7, 47099−100

Fundamentals of computation theory; Szeged, Hungary, 23-27 Aug. 1993, [Berlin, Germany: Springer-Verlag 1993] 18626, 19959, 21551

Fuzzy control I; London, UK, 18 May 1993, *(IEE)* [London, UK: IEE 1993] 41965, 47690, 47821, 48480

Fuzzy logic and neural networks; Fukuoka, Japan, 17-22 July 1992, [Jan. 1994] 40168

Fuzzy set applications; Nimes, France, 2-3 Nov. 1992, [Nanterre Cedex, France: EC2 1992] 13554−5

Gas flow and chemical lasers; Crete, Greece, 21-25 Sept. 1992, *(SPIE; FORTH; Univ. Crete; et al)* [1993] 9087 (introductory abstract), 11811, 11940−6, 11957−2015, 12260, 12289, 12303−6, 12348, 12364, 12496, 12500, 18245, 18304−5, 19547, 20297, 20593−4, 20616−38, 20952, 20959, 21127−35, 21138−41, 24124, 24445

Gettering and defect engineering; Chossewitz, Germany, 9-14 Oct. 1993, [1993] 17647 (introductory abstract), 18115, 18140−1, 18212−5, 18294, 19333, 19368−9, 19399, 19480−3, 19501−4, 19544−6, 19698, 19928−9, 20510, 23725

GIS and applications; Sharjah, United Arab Emirates, 8-10 Feb. 1993, [Sharjah, Oman: Sharjah Municipality 1993] 23246

GIS in Europe; Montreux, Switzerland, 7-9 Oct. 1992, *(Hewlett-Packard; IBM Europe; Siemens; et al)* [Basel, Switzerland: AM/FM Int. - Eur. Div. 1992] 5285−6, 14162

GIS/LIS '92; San Jose, CA, USA, 10-12 Nov. 1992, *(American Congress Surveying & Mapping; American Soc. Photogrammetry & Remote Sensing; et al)* [Bethesda, MA, USA: American Soc. Photogrammetry & Remote Sensing 1992] 14084, 14126, 16285, 16303, 16390

Global messaging; Montreux, Switzerland, 30 June-2 July 1993, *(PTT; AT&T; Boldon James; France Telecom Transpac; Hewlett Packard; Digital Equip. Corp)* [Inkberrow, UK: Eur. Electron. Messaging Assoc. 1993] 40732 (introductory abstract)

GPS in power systems; London, UK, 8 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 40737 (introductory abstract), 46125, 47264, 47385, 47566, 47595−6, 48235

Graphical user interfaces; London, UK, 27 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 37614

Graphics, design and visualization; Bombay, India, 24-26 Feb. 1993, *(IFIP)* [1993] 4457, 5387

Ground sensing; Orlando, FL, USA, 14 April 1993, *(SPIE)* [1993] 26059 (introductory abstract)

Halide glasses; Perros-Guirec, France, 22-24 Sept. 1992, [1993] 818, 896, 2931, 3007−12, 3533, 3545−9

Hardware and software architectures for fault tolerance; Le Mont Saint Michel, France, June 1993, [Berlin, Germany: Springer-Verlag 1994] 45708

Hardware implementation of neural nets and fuzzy logic; London, UK, 9 March 1994, *(IEE)* [London, UK: IEE 1994] 40780 (introductory abstract), 41847, 42119−23

HDTV signal processing; Kawasaki, Japan, 18-20 Nov. 1992, *E.Dubois, L.Chiariglione (editor/s),* [Amsterdam, Netherlands: Elsevier 1993] 26047 (introductory abstract), 27090, 30148−58, 30543, 30967−8, 30974, 30981−93, 30996−1025, 31151−3, 31368, 34089−92, 34164−5, 35045, 36530−2, 36884−5, 37994, 38212−4, 38293−305, 38344

Heading sensors for sonar and marine applications; London, UK, 12 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 40748 (introductory abstract), 46107−8, 46126, 46373−5, 46667, 47280

Health care professional workstation; Washington, DC, USA, 14-16 June 1993, *(Int. Med. Inf. Assoc)* [Jan. 1994] 30480

Hearing impairment and signal-processing hearing aids; London, UK, 15-17 June 1991, [1993] 17695 (introductory abstract), 24352−61

Heavy ion inertial fusion; Frascati, Italy, 25-28.May 1993, [Nov. 1993] 25998 (introductory abstract), 15337−9, 15473−85, 23947, 23957−8, 23961−4, 23981−8, 28895, 31535−7, 31557−73, 31613, 31785

Helmet mounted displays and night vision goggles; Pensacol, FL, USA, 2 May 1991, [Neuilly Sur Seine, France: AGARD 1991] 7 (introductory abstract)

Heterogeneous computing; Cancun, Mexico, 26 April 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40793 (introductory abstract)

Hewlett-Packard computing; Birmingham, UK, 27-30 June 1993, [Harrow, UK: HP Comput. Users Assoc. 1993] 45585−92

High-definition video; Berlin, Germany, 5-6 April 1993, *(SPIE; EOS)* [1993] 33177 (introductory abstract), 36846–56, 37059, 37552–3, 37901, 38271–86, 38340, 38355, 38610–1, 39393

High density plasma workshop; San Francisco, CA, USA, 3-4 Aug. 1993, *(American Vacuum Soc)* [Jan.-Feb. 1994] 40692 (introductory abstract), 41394, 41412, 42143, 42672–4, 42751, 43093–4

High frequency power conversion; Vienna, VA, USA, 23-27 May 1993, [Ventura, CA, USA: Intertec Int. 1993] 26016 (introductory abstract), 26137, 26702–21, 27331, 32943–8

High intensity electron sources; Legnaro, Italy, 24-28 May 1993, [11 Feb. 1994] 33196 (introductory abstract), 31651–5, 34469–72, 35721, 35901, 38763, 38802–20

High level radioactive waste management; Las Vegas, NV, USA, 12-16 April 1992, *(ANS; American Soc. Civil Eng)* [New York, NY, USA: American Soc. Civil Eng. 1992] 16014–6

High performance applications of parallel architectures; London, UK, 1 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 34105, 36702, 40077

High performance computing; Arlington, VA, USA, 29 March-1 April 1993, *(SCS)* [San Diego, CA, USA: SCS 1993] 19730, 19882, 22861, 24444, 25177, 25184–6

High performance distributed computing; Spokane, WA, USA, 20-23 July 1993, *(IEEE; Washington State Univ.; NPAC at Syracuse Univ.; ACM; Washington Technol. Center)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 9098 (introductory abstract), 10091, 13896–902, 14023, 14165–9, 14616, 15954

High performance polymers and polymer matrix composites; San Francisco, CA, USA, 13-16 April 1993, *R.K.Eby, R.C.Evers, M.A.Meador, D.Wilson (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 40815 (introductory abstract)

High-T_c superconductivity; Torino, Italy, 18-20 Nov. 1991, [Singapore: World Scientific 1992] 11532

High-temperature plasma diagnostics; St. Petersburg, Russia, 26 May-1 June 1993, [Feb. 1994] 42139, 46969

High temperature superconductivity; Beijing, China, 25-29 May 1992, *Z.Z.Gan, S.S.Xie, Z.X.Zhao (editor/s),* [Singapore: World Scientific 1993] 33184 (introductory abstract), 33618, 33997, 34221, 34242, 35257, 35261, 35272–3, 35277–9, 35284–7, 36430, 38476–7, 38492, 38500–1

Higher order workshop; Banff, Alta., Canada, 10-14 Sept. 1990, [Berlin, Germany: Springer-Verlag 1991] 18553, 18668

Holographic systems, components and applications; Neuchatel, Switzerland, 13-15 Sept. 1993, [London, UK: IEE 1993] 9135 (introductory abstract), 10588, 11581, 11625, 11674, 11902–5, 12297, 12315, 12402, 12455–91, 13828, 14672

Holography, interferometry and optical pattern recognition in biomedicine; Los Angeles, CA, USA, 19-20 Jan. 1993, *(SPIE)* [1993] 17650 (introductory abstract)

HTGR technologies; Oarai, Japan, 21-23 Oct. 1992, *(JAERI)* [Ibaraki, Japan: Japan Atomic Energy Res. Inst 1992] 32625, 33150, 39804, 39819, 39836–45, 47665–7

Human-environment system; Tokyo, Japan, Dec. 1991, [Dec. 1993] 31827

Human factors and power plants; Monterey, CA, USA, 7-11 June 1992, *(IEEE) E.W.Hagen (editor/s),* [New York, NY, USA: IEEE 1992] 33183 (introductory abstract), 33264, 33289, 33307–9, 33454–5, 37903, 39138–9, 39445, 39692–6, 39721–77, 39785–803, 39830–4, 39905, 39927

Human vision; San Jose, CA, USA, 1-4 Feb. 1993, *(SPIE; Soc. Imaging Sci. & Technol)* [1993] 17689 (introductory abstract), 22077–87, 23297, 23713, 23807–8, 23918, 24224–5, 28577, 29755–65, 31268, 31490, 36809–11, 38944–6, 38964

HVDC and flexible AC power transmission systems; Wellington, New Zealand, 29 Sept.-1 Oct. 1993, [Upper Hut, New Zealand: CIGRE 1993] 47427–34, 47455–7, 47463–95

Hyperfine interactions; Osaka, Japan, 17-21 Aug. 1992, *(Yamada Sci. Found)* [1993] 19438, 19471

Hypermedia and hypertext standards; Amsterdam, Netherlands, 22-23 April 1993, *(CEC)* [1993] 13893, 13943, 14131, 14821

Hypertext '91; San Antonio, TX, USA, 15-18 Dec. 1991, *(ACM)* [New York, NY, USA: ACM 1991] 37380, 37528

ICONO '91. Nonlinear optical processes in solids; St. Petersburg, Russia, 24-27 Sept. 1991, [1992] 17707 (introductory abstract), 20326, 20592, 20707, 21049–60, 21117–8

II-IV semiconductors; Aachen, Germany, 2-4 Nov. 1992, [Jan. 1994] 33181 (introductory abstract), 33581–2, 33607–10, 34563, 34595, 34617, 35588, 35793

III-V electronic and photonic device fabrication and performance; San Francisco, CA, USA, 12-15 April 1993, *K.S.Jones, S.J.Pearton, H.Kanber (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 17745 (introductory abstract), 18232, 19088–9, 19407–8, 19619–21, 19798–9, 19919–20, 20386, 20585, 20913–8, 26392–3, 26417–24, 26490, 27479–80, 27526–9, 27567–72, 27597, 27615, 27632–8, 27684–90, 27779–86, 28111, 28142, 28205, 28838

III-V semiconductor growth, processing and devices; Boston, MA, USA, 2-5 Dec. 1991, *S.J.Pearton, D.K.Sadana, J.M.Zavada (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 775 (introductory abstract), 713–8, 776–81, 836, 1847, 1907–9, 1932–9, 1984–5, 2040–50, 2073–6, 2092–3, 2138–40, 2178, 2195, 2259, 2424, 2454–7, 2471, 2509, 2581–4, 2596–9, 3106, 3145, 3201, 3364, 3385, 3398, 3403, 3616, 3644–5, 3863–4, 6506, 6730, 9710, 10898–907, 10975, 11151, 11241, 12126

Image capture, formatting, and display; Newport Beach, CA, USA, 14-15 Feb. 1993, *(SPIE)* [1993] 26025 (introductory abstract)

Image modeling; San Jose, CA, USA, 3-4 Feb. 1993, *(SPIE; Soc. Imaging Sci. Tech)* [1993] 29 (introductory abstract), 4899–914, 7352, 7584–5, 7646

Image processing; Newport Beach, CA, USA, 16-19 Feb. 1993, *(SPIE)* [1993] 26028 (introductory abstract)

Imaging science and technology; Cambridge, MA, USA, 9-14 May 1993, *(Polaroid)* [Springfield, VA, USA: Soc. Imaging Sci. & Technol. 1993] 37028 (introductory abstract), 36582, 36946–54, 37029, 38566–7, 38629, 39002–3, 39408

Imaging the future; Cambridge, UK, 21-25 Sept. 1992, [1993] 26065 (introductory abstract)

Implications of advanced technologies for air and spacecraft escape ; Munich, Germany, 24-28 April 1989, [Neuilly Sur Seine, France: AGARD 1989] 24 (introductory abstract)

Improving natural resource management through monitoring; Corvallis, OR, USA, 10-11 March 1992, [July 1993] 17669 (introductory abstract)

Industrial and engineering applications of AI and expert systems; Kauai, HI, USA, 2-5 June 1991, *(Univ. Tennessee Space Inst)* [Tullahoma, TN, USA: Univ. Tennessee Space Inst. 1991] 5357, 6150

Industrial electronics; Xian, China, 25-29 May 1992, *(IEEE; Soc. Instrum. & Control Eng. Japan; et al)* [New York, NY, USA: IEEE 1992] 14973 (introductory abstract), 264, 284, 945, 951, 1017–8, 1251, 1326, 1329, 1337–9, 2416, 2488–9, 3332, 4594–5, 4686–7, 4833–6, 4880, 5021–6, 5320–1, 5378, 5435, 5532–6, 5600, 5661, 5816, 5993, 6212, 6271, 6340–2, 6354, 6359, 6560, 6682, 6713, 6773, 6832, 6841, 6853, 6855, 7343, 7533, 7569, 7626, 7733, 7758–9, 7796, 7847–8, 8030, 8231, 8242, 8262, 8295, 8314, 8337–8, 8358, 8401–2, 8434–6, 8450–1, 8462–5, 8501–2, 8533–50, 8774, 8791, 8825–36, 8986–7, 8992, 9021, 9025, 9065, 10582, 14245–9, 14999, 15078, 15223, 15685, 15965, 16073, 16149–50, 16770–1, 16789–90, 16803, 16816–7, 16839–41, 16861–3, 16876–81, 16895–6, 16909–10, 17001–5, 17029–31, 17078–99, 17138, 17141–2, 17441–3, 17476–92, 17511–9, 17566, 17637, 17639, 17644, 17646, 28218, 33102

INFOCOM '93; San Francisco, CA, USA, 28 March-1 April 1993, *(IEEE)* [Los Almitos, CA, USA: IEEE Comnput. Soc. Press 1993] 22 (introductory abstract), 4438, 5154–5, 5165–77, 5197–203, 5238–9, 5252–4, 5323–6, 5379–80, 5485–93, 5538–45, 5593, 5601–4, 5740, 5817–8, 5929, 6023–7

Informatics and changes in learning; Gmunden, Germany, 7-11 June 1993, [1993] 17653 (introductory abstract), 22381–2

Information control problems in manufacturing; Toronto, Ont., Canada, 25-28 May 1992, *(IFAC; NRCC; IFIP; IFORS; IMACS; Int. Soc. Prod. Enhancement)* [Oxford, UK: Pergamon 1993] 276, 6356, 9659, 14218–20, 14899, 15094

Information infrastructure systems for manufacturing; Tokyo, Japan, 8-10 Nov. 1993, *(IFAC;IFIP)* [1993] 45555, 45654, 47216

Information management challenges; Salt Lake City, UT, USA, 24-26 May 1993, [Harrisburg, PA, USA: Idea Group Publishing 1993] 26018–9, 26108, 26122–3, 30272–4, 30357, 30452, 32274

Information structuring; York, UK, 20-22 March 1991, *(Aslib; British Comput. Soc)* [London, UK: Aslib 1991] 22205

Information system design; Nantes, France, 23-25 Sept. 1992, [Nantes, France: IUT Univ. Nantes 1992] 5646

Information systems; Henley on Thames, UK, 29-30 March 1993, *(Barclays Bank; IBM)* [Birmingham, UK: Operational Res. Soc. 1993] 17794, 22657, 30315, 30350, 30369–70, 30420–1, 30453, 30527

Information theory; Veldhoven, Netherlands, 17-18 May 1993, *K.A.Schouhamer Immink, P.G.M.de Bot (editor/s),* [Enschede, Netherlands: Werkgemeenschap Inf.- & Communicatietheorie 1993] 9102 (introductory abstract), 12801–5, 12821–2, 12868–80, 13549–53, 13868, 14305, 14390–1, 14785, 14855

Infrared and millimeter-wave engineering; Los Angeles, CA, USA, 19-21 Jan. 1993, *(SPIE)* [1993] 17688 (introductory abstract), 19122, 19245, 20382, 21035–6, 21415, 21457, 23118–9, 23251–2, 23630–2, 23712, 24448, 24470, 24495–7, 24526, 24564, 24566–8

Infrared technology XIX; San Diego, CA, USA, 12-14 July 1993, *(SPIE)* [1993] 25996 (introductory abstract), 28303, 29191, 29774–9, 31214–8, 31269–92, 32083–4, 32110, 32152–62

Infrastructure for collaborative enterprises; Morgantown, WV, USA, 20-22 April 1993, *(IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 14163–4, 14295

Inhomogeneous and quasi-inhomogeneous optical coatings; Quebec City, Que., Canada, 19-20 Aug. 1993, *(SPIE)* [1993] 26007 (introductory abstract)

Innovations for interactions in human factors; Atlanta, GA, USA, 12-16 Oct. 1992, [Santa Monica, CA, USA: Human Factors Soc. 1992] 151–3, 4374, 4581–5, 4781, 5414–7, 5613, 6268, 7514, 7528–30, 7544–5, 7571, 7677, 7693–5, 9158, 9188, 13933, 14089, 14317, 14974, 15142–5, 15927, 15942–4, 15947–9, 15951–3, 15955, 15959–63, 15971, 16093, 16103–14, 16621, 23790, 24386, 24451, 24980

Instrumentation in electricity supply industry; London, UK, 29 June 1993, *(IEE)* [London, UK: IEE 1993] 9107 (introductory abstract), 16186–7, 16466, 16474–81, 16739, 16746, 17131

Insulating materials and systems; New Delhi, India, 15-16 Jan. 1993, [Bombay, India: IEEMA 1993] 9132 (introductory abstract), 10543, 11333, 11353–4, 12715, 16373–7, 16716, 16751, 16791–7, 16931–41, 17149–50

Integrated broadband communications; Copenhagen, Denmark, 19-23 April 1993, *(ICCC; IFIP; KTAS)* [Hornbaek, Denmark: Spadille Congress Services 1992] 9134 (introductory abstract), 13859–66, 13877–81, 13919–20, 14001–9, 14056–9, 14251–6, 14278–88

Integrated circuit metrology, inspection, and process control; San Jose, CA, USA, 2-4 March 1993, *(SPIE)* [1993] 13 (introductory abstract), 411–2, 2289–96, 6777–81, 9327, 11041–5, 15205–13, 17927–33, 19316, 19675–84, 23876–80

Integrated ferroelectrics; Monterey, CA, USA, 9-11 March 1992, [1993] 33245 (introductory abstract), 33686, 33746–7, 34293, 35119, 35140–7, 35199–201, 35502, 42328, 43141, 43225

Integrated optical circuits II; Boston, MA, USA, 10-11 Sept. 1992, *(SPIE)* [1993] 49 (introductory abstract), 1389, 2928, 3067–8, 3094–101, 3108–11, 3136–9, 3155–62, 3247, 3277, 3400–1, 3553, 3865–6, 3925, 3934–5, 5049, 5647–9, 6031, 11420, 11627–32, 11653–5, 11711, 11881, 14562, 14925

Integrated optics; Neuchatel, Switzerland, 18-22 April 1993, *(Comm. Eur. Communities, Swiss Center Electron. & Microtechnol., et al) P.Roth (editor/s),* [Neuchatel, Switzerland: ECIO Secretariat 1993] 9131 (introductory abstract)

Integrated optics and microstructures; Boston, MA, USA, 8-9 Sept. 1992, *(SPIE)* [1993] 72 (introductory abstract), 865, 3146–54, 3341, 5683, 6456–60, 6538–42, 6584, 6612

Intelligent autonomous systems; Pittsburgh, PA, USA, 15-18 Feb. 1993, [Amsterdam, Netherlands: IOS Press 1993] 36715, 36916–9, 36960–1, 38174–5, 38407, 38478, 38568, 38710, 39160, 39427, 40636

Intelligent motion, PCIM '93; Nurnberg, Germany, 22-24 June 1993, [Nurnberg, Germany: ZM Commun. 1993] 40784 (introductory abstract), 38479, 38513, 39315, 40102–4, 40127–30, 40181–5, 40242–5, 40267–70, 40336–9, 40385–6, 40529–47, 40611–2, 40665, 40674, 41673–8, 41738, 42895, 42986, 44264, 44270, 46408, 47839, 47879, 47892–4, 47912–3, 47995–6, 48039, 48167–74

Intelligent robots and computer vision; Boston, MA, USA, 7-9 Sept. 1993, *(SPIE)* [1993] 31 (introductory abstract), 417–9, 1266, 1369, 1726, 4915–22, 4992–5005, 6353, 7323, 7353, 7370, 8252

Intelligent robots and computer vision XI: algorithms, techniques and active vision; Boston, MA, USA, 16-18 Nov. 1992, *(SPIE)* [1992] 26058 (introductory abstract), 26165, 26236, 30010–41, 31308

Intelligent robots and computer vision XI: biological, neural net and 3-D methods; Boston, MA, USA, 18-20 Nov. 1992, *(SPIE)* [1992] 33191 (introductory abstract), 33463, 34186, 36080, 36633, 36783–801, 38134

Intelligent workstations for professionals; Evanston, IL, USA, March 1992, [Berlin, Germany: Springer-Verlag 1993] 36631, 37381, 38310

Intense laser beams and applications; Los Angeles, CA, USA, 20-22 Jan. 1993, *(SPIE)* [1993] 26001 (introductory abstract), 28696–8, 28714–9, 28746, 28888, 28907, 28946, 28989, 29075–6, 29192–3, 32117–8, 32169, 35683, 35987

Intense microwave pulses; Los Angeles, CA, USA, 18-20 Jan. 1993, *(SPIE)* [1993] 17714 (introductory abstract), 19297–307, 21458, 23954–5, 24574, 27414–23, 27429–31, 28687–9, 28885–6, 29084, 29116, 29280, 29321

Interface to real/virtual worlds; Montpellier, France, 22-26 March 1993, [Paris, France: EC2 1993] 21700−5, 22285−7

Interferometry VI: techniques and analysis; San Diego, CA, USA, 12-13 July 1993, *(SPIE)* [1993] 26218, 26535, 28450, 29034−6, 29780, 29874−6, 31139, 31245, 31425−7, 31432−4, 31454−5, 31478, 31485, 31523−7

INTERMAG '93; Stockholm, Sweden, 13-16 April 1993, *(IEEE)* [New York, NY, USA: IEEE 1990] 40728 (introductory abstract)

International test conference; Baltimore, MD, USA, 20-24 Sept. 1992, *(IEEE)* [Altoona, PA, USA: Int. Test Conference 1992] 20 (introductory abstract), 244−9, 258−61, 415, 1092, 1119−20, 1153−65, 1183−97, 1227−32, 1263−4, 1282−3, 1341, 1691−2, 1722−5, 1730−1, 1754−5, 2624−9, 2633, 2659−61, 2663−4; 2677, 2689, 6287, 6312−8, 6327−35, 6561, 6767, 10038, 10087−9, 10202−4, 10570, 11263−7, 11311−2, 11324, 11702, 14784, 14879−84

Interoperability; Paris, France, 25-29 Oct. 1993, [Paris, France: Interop Europe 1993] 37409 (introductory abstract)

Interoperability in multidatabase systems; Vienna, Austria, 19-20 April 1993, *(IEEE: OCG; GI; FG DBS; ETH Zurich; SI; DBTA; AICA; et al)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 5389, 5633

Iodine lasers and applications; Bechyne Castle, Czechoslovakia, 28 Sept.-2 Oct. 1992, *(SPIE/Czech)* [1993] 33192 (introductory abstract), 35644, 35655−72, 35919, 38849, 40652

Ion sources; Beijing, China, 31 Aug.-4 Sept. 1993, *(Nat. Natural Sci. Found. China; Beijing Inst. Modern Phys.; Peking Univ)* [April 1994] 40807 (introductory abstract)

Irradiated nuclear fuel management; Manchester, UK, 17-18 Nov. 1992, *(IMechE)* [Bury St Edmonds, UK: Mech. Eng. Publications 1992] 25170−1

ISMSS '93; San Francisco, CA, USA, 19-20 July 1993, *(IEEE; Semiconductor Equipment & Mater. Int. (SEMI))* [New York, NY, USA: IEEE 1993] 9097 (introductory abstract), 9156, 9178−9, 9187, 9218−28, 9326, 9365, 9734, 10798, 10929, 10985, 11040, 11270

ISO - 9000 - the revisions; London, UK, 28 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9149 (introductory abstract)

Iterative methods in numerical linear algebra; Denver, CO, USA, 9-14 April 1992, [March 1994] 40714 (introductory abstract), 41147−9, 41552

ITI '93; Pula, Croatia, 15-18 June 1993, *(Univ. of Zagreb)* [Zagreb, Croatia: Univ. Comput. Centre 1993] 33821, 36701, 36915, 36959, 37121−2, 37183−4, 37442−4, 39563, 39948−9

Japan linear collider; Ibaraki-ken, Japan, 18-20 Feb. 1992, [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1992] 9138 (introductory abstract)

JFIT 1993; Keele, UK, 23-24 March 1993, [London, UK: Dept. Trade & Industry 1993] 9133 (introductory abstract), 10246, 10337, 10354, 10387, 10509−10, 10803, 11288, 11303−4, 11794−5, 11829, 11901, 12787, 12811, 13474, 13827, 14250, 14520, 14669−71, 14706

Joining and adhesion of advanced inorganic materials; San Francisco, CA, USA, 12-14 April 1993, *A.H.Carim, D.S.Schwartz, R.S.Silberglitt (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc 1993] 17743 (introductory abstract)

Joint railroad conference; Pittsburgh, PA, USA, 6-8 April 1993, *(IEEE; ASME) D.P.Godley, K.L.Hawthorne (editor/s),* [New York, NY, USA: IEEE 1993] 40810 (introductory abstract), 43339, 46643, 46698, 47999−8000, 48371−85

Ka band satellite communications; London, UK, 15 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 17668 (introductory abstract), 22920−30

Larch; Dedham, MA, USA, 13-15 July 1992, [Berlin, Germany: Springer-Verlag 1993] 33824−5, 33988

Large scale systems; Beijing, China, 23-25 Aug. 1992, *(Int. Federation Autom. Control)* [Oxford, UK: Pergamon 1993] 22377, 24801−3, 25120

Laser ablation; Knoxville, TN, USA, April 1993, [1993] 17684 (introductory abstract), 18171, 18210, 18260, 18290, 19584, 19602, 19643, 19687−8, 19970, 20170, 21137, 21144, 25701

Laser ablation in materials processing; Boston, MA, USA, 1-4 Dec. 1992, *B.Braren, J.J.Dubowski, D.P.Norton (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 33187 (introductory abstract)

Laser anemometry advances and applications; Veldhoven, Netherlands, 23-27 Aug. 1993, *(SPIE)* [1993] 4653, 6812, 7474−5, 11611

Laser coherence control: technology and applications; Los Angeles, CA, USA, 21-22 Jan. 1993, *(SPIE)* [1993] 33176 (introductory abstract), 35702, 35715, 35728, 35931−3, 35943−9, 35951−3, 35976, 36038, 36087

Laser dimensional metrology; Brighton, UK, 5-7 Oct. 1993, *(SPIE)* [1994] 40753 (introductory abstract), 42815, 43705, 43860, 44030, 46104, 46282, 46300, 46306, 46500, 46611−5, 46622−8, 46661

Laser diode technology and applications; Los Angeles, CA, USA, 18-20 Jan. 1993, *(SPIE)* [1993] 17671 (introductory abstract), 20459, 20573, 20820−47, 20861−9, 20937, 21029, 23053

Laser energy distribution profiles: measurement and applications; Boston, MA, USA, 16-18 Nov. 1992, *(SPIE)* [1993] 75 (introductory abstract), 3713, 3735−55, 6828−31

Laser host and nonlinear crystals II; Los Angeles, CA, USA, 17-18 Jan. 1993, *(SPIE)* [1993] 17722 (introductory abstract), 18119−31, 20729−39, 21072−4

Laser-induced damage in optical materials; Boulder, CO, USA, 28-30 Oct. 1992, *(SPIE; Univ. Central Florida; Lawrence Livermore Nat. Lab.; et al)* [1993] 17716 (introductory abstract)

Laser-plasma interactions; Shanghai, China, 9-12 Nov. 1992, *(SPIE; Shanghai Inst. Optics & Fine Mech. Academia Sinica; Int. Centre Theor. Physics; et al)* [1993] 3453−8, 3557, 20589, 20608, 20921−2

Laser radiation photophysics; Los Angeles, CA, USA, 19-20 Jan. 1993, *(SPIE)* [1993] 17712 (introductory abstract), 17912, 18295−7, 19605

Laser study of macroscopic biosystems; Jyvaskyla, Finland, 7-11 Sept. 1992, *(SPIE; Finnish Minist. Educ.; Acad. Finland; Finnish Chem. Soc.; et al)* [1993] 40797 (introductory abstract)

Laser-tissue interaction IV; Los Angeles, CA, USA, 18-20 Jan. 1993, *(SPIE)* [1993] 17720 (introductory abstract)

Lasers and optoelectronics; Beijing, China, 16-18 Oct. 1992, *(SPIE; Chinese Inst. Electron.; Chinese Opt. Soc.; et al)* [1993] 26026 (introductory abstract)

Lasers in orthopedic, dental, and veterinary medicine; Los Angeles, CA, USA, 16-18 Jan. 1993, *(SPIE; Biomed. Opt. Soc)* [1993] 17718 (introductory abstract)

Lasers in otolaryngology, dermatology, and tissue welding; Los Angeles, CA, USA, 16-18 Jan. 1993, *(SPIE)* [1993] 17711 (introductory abstract)

Lasers in urology, gynecology, and general surgery; Los Angeles, CA, USA, 16-18 Jan. 1993, *(SPIE)* [1993] 50 (introductory abstract)

Lead/acid batteries; Varna, Bulgaria, 7-11 June 1993, [Oct.-Dec. 1993] 17212−28, 17554, 25639−41

LEOS '92; Boston, MA, USA, 16-19 Nov. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 33216 (introductory abstract)

Life cycle costing; London, UK, 1 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 40705 (introductory abstract), 40865−8, 47150, 47827

Light emission from porous silicon; Strasbourg, France, 1993, [Nov.-Dec. 1993] 34770−4

Light emission from silicon; Boston, MA, USA, 3-5 Dec. 1991, *S.S.Iyer, R.T.Collins, L.T.Canham (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 44 (introductory abstract), 1891−2, 3360, 27648, 28648, 28662

Liquid crystal materials devices, and applications; San Jose, CA, USA, 2-4 Feb. 1993, *(Soc. Imaging Sci. & Technol. SPIE)* [1993] 3179, 3211−5, 6690−3

Liquid crystals; Pisa, Italy, 21-26 June 1992, *(IUPAC; Eur. Phys. Soc)* [1993] 3207, 3808, 6689

Low bit rate speech coding; London, UK, 6 Dec. 1993, *(IEE)* [London, UK: IEE 1993] 26050 (introductory abstract), 29554−6, 30655−6, 31990

Low cost automation; Vienna, Austria, 9-11 Sept. 1992, *(IFAC)* [Oxford, UK: Pergamon 1993] 33440, 33965, 34302, 35183, 36085−6, 36657, 38386, 38460, 40033, 40041, 40233−5, 40237, 40515

Low dimensional materials; Saitama, Japan, 12-13 March 1991, [1992] 9076 (introductory abstract), 9528−30, 10593

Low energy heavy ion; Oak Ridge, TN, USA, 14-15 Oct. 1991, [Singapore: World Scientific 1993] 23948, 24114

Low-energy laser effects on biological systems; Los Angeles, CA, USA, 19-20 Jan. 1993, *(SPIE; BiOS)* [1993] 17721 (introductory abstract)

Low power radio and metering; London, UK, 8 March 1994, *(IEE)* [London, UK: IEE 1994] 40778 (introductory abstract), 45492−7, 47601−2

Low temperature detectors; Berkeley, CA, USA, 29 July-3 Aug. 1993, [Nov. 1993] 17675 (introductory abstract), 18495, 19322−3, 19422, 19924−5, 20123, 20186−203, 23498, 23528, 23581, 23599−603, 23923, 23968, 24004−7, 24023−53, 24100, 24118−9, 24127−32

Low temperature GaAs and related materials; Boston, MA, USA, 4-6 Dec. 1991, *G.L.Witt, R.Calawa, U.Mishara, E.Weber (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 68 (introductory abstract), 741−9, 1640, 1852−4, 2438, 2470, 2508, 2548, 2595, 2911, 3337−8, 3643, 6505

Low temperature grown and highly nonstoichiometric GaAs and related materials; San Francisco, CA, USA, 12-13 April 1993, [Dec. 1993] 33179 (introductory abstract), 33602−4, 34562, 34675−6, 34891−2, 35017−8, 38488−9

Low temperature molecular beam epitaxial; Strasbourg, France, 4-7 May 1993, *(Banque Populaire (France); Brasserie Adelshoffen (France); et al)* [20 Dec. 1993] 17676 (introductory abstract), 18185−9, 19516−7, 19740, 19898, 20393

Machine learning; Vienna, Austria, 5-7 April 1993, [Berlin, Germany: Springer-Verlag 1993] 24286

Machine vision applications; Boston, MA, USA, 7-9 Sept. 1993, *(SPIE)* [1993] 40956, 40994−7, 45227−33, 46310−1, 46340−1, 46514, 46550, 46636

Machine vision applications in industrial inspection; San Jose, CA, USA, 3-4 Feb. 1993, *(Soc. Imaging Sci. Technol.; SPIE)* [1993] 431−6, 2147−8, 2635, 4975

Machining of advanced materials; Gaithersburg, MD, USA, 20-22 July 1993, *(NIST; NSF; US Army) S.Jahanmir (editor/s),* [Gaithersburg, MD, USA: NIST 1993] 17740 (introductory abstract)

Magnetic materials, processes, and devices; Phoenix, AZ, USA, 14-18 Oct. 1991, *L.T.Romankiw, D.A.Herman,Jr. (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1992] 70 (introductory abstract), 2826−37, 11484−91, 11507

Magnetic separation; London, UK, 20 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9144 (introductory abstract)

Magnetic ultrathin films; San Francisco, CA, USA, 12-16 April 1993, [Philadelphia, PA, USA: Mater. Res. Soc. 1993] 28352, 28359−62, 28386

Magnetics conference; Stockholm, Sweden, 13-16 April 1993, [Nov. 1993] 40804 (introductory abstract), 41543, 42381, 43245−9, 43270−87, 43293−5, 43309−12, 43321−5, 43330−2, 43334−8, 43561, 44207−10, 44232−4, 44240−8, 44258, 44265−6, 44271−5, 44471, 46416−7, 46680, 47862, 47882−4, 47895−7, 47914−7, 48013, 48361−8, 48477

MASCOTS '93; San Diego, CA, USA, 17-20 Jan. 1993, *(SCS; IEEE; ACM; IFIP) H.Schwetman, J.Walrand, K.Bagchi, D.DeGroot (editor/s),* [San Diego, CA, USA: SCS 1993] 17662 (introductory abstract), 9399, 13857−8, 13910−6, 13993, 14221−6, 14540, 18001, 18405, 22313, 22330−1, 22340−1, 22549

Material aspects of ion beam synthesis, phase formation and modification; Strasbourg, France, 4-7 May 1993, [Feb. 1994] 26511, 27505, 27554, 27582−3, 27605, 27657−8, 33596−7, 34610−6, 34645, 34673−4, 34792, 34944, 35446

Materials for optoelectronic devices; Strasbourg, France, 4-7 May 1993, [20 Nov. 1993] 9119 (introductory abstract), 9629−49, 10722−3, 10856, 11687, 11896−7, 12241−3, 12374, 15027−9

Materials reliability in microelectronics III; San Francisco, CA, USA, 12-15 April 1993, *K.P.Rodbell, W.F.Filter, H.J.Frost, P.S.Ho (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 33206 (introductory abstract), 33719−21, 33786, 34487, 34511, 34627−8, 34661, 34757−8, 34797−810, 34817−45, 34865, 34966, 38666

Materials science and engineering; Guerrero, Mexico, 24-27 Sept. 1991, *(Consejo Nacional de Ciencia y Technologia, Nat. Sci. Found., et al) J.L.Moran-Lopez, J.M.Sanchez (editor/s),* [New York, NY, USA: Plenum Press 1993] 17739 (introductory abstract)

Mathematical and intelligent models in simulation; Brussels, Belgium, 12-16 April 1993, *(IBRA-BIRA Federation)* [Brussels, Belgium: Univ. Libre de Bruxelles 1993] 33420, 33819, 37054, 38550, 38952, 39462, 39507, 39647, 39980−2, 40006, 40088, 40123, 40508, 40516−7, 40591

Mathematical imaging; San Diego, CA, USA, 15-16 July 1993, *(SPIE)* [1993] 17690 (introductory abstract), 17987−9, 21825−36, 22104−24, 24228−30

Mathematical methods in medical imaging; San Diego, CA, USA, 23-24 July 1992, *(SPIE)* [1992] 9111 (introductory abstract)

Measurement and characterization of ultra-shallow doping profiles in semiconductors; Research Triangle Park, NC, USA, 23-25 March 1993, *(MCNC; NIST; American Vacuum Soc.; Office of Naval Res)* [Jan.-Feb. 1994] 40691 (introductory abstract), 41248, 42384−6, 42407, 42447−8, 42458−61, 42541−3, 42565−6, 42613−24, 42750, 42836, 42862, 42908−9, 43120−1, 46568−71

Measurement technology and intelligent instruments; Wuhan, China, 29 Oct.-5 Nov. 1993, *(SPIE)* [1993] 17727 (introductory abstract), 17953, 18070, 21149−50, 22248, 23372, 23454−7, 23566−7, 23633, 23682, 23896−902, 24153, 24404, 24552, 25389, 25477, 26531−2, 26541, 28318, 28393, 28457, 29024−5, 29285, 30053, 30771, 31084, 31087, 31089, 31098−104, 31113, 31116−9, 31135−7, 31144, 31156−9, 31174, 31186−90, 31244, 31250−1, 31303−4, 31309−10, 31364, 31375, 31382, 31414−24, 31436−53, 31458−68, 31487, 31498, 31507−10, 31521, 31529, 31833, 32140, 32328, 33415, 33429, 33507, 36039, 36812, 38241, 38430, 38444−9, 38487, 38524−6, 38548, 38578, 38673−97, 38730, 38743, 38750−1, 43297, 45056, 46294−5, 46361−2, 46432, 46462−3, 46494, 46599−607, 46638, 46646, 46665, 47290, 47576, 47797

Measurement using resonant sensing; London, UK, 2 Dec. 1993, *(IEE)* [London, UK: IEE 1993] 40774 (introductory abstract), 46389−92, 47191

Medical and biological engineering and medical physics; Kyoto, Japan, 7-12 July 1991, [July 1993] 80 (introductory abstract), 7393, 7453, 7467

Medical care computer applications; Baltimore, MD, USA, 8-11 Nov. 1992, *(American Medical Inf. Assoc.)* [New York, NY, USA: McGraw-Hill 1993] 14093, 14242−3, 14835, 15887−8

Medical imaging 1993: physics of medical imaging; Newport Beach, CA, USA, 14-15 Feb. 1993, *(SPIE)* [1993] 26030 (introductory abstract)

Medical imaging information processing; Flagstaff, AZ, USA, 14-18 June 1993, *H.H.Barrett, A.F.Gmitro (editor/s)*, [Berlin, Germany: Springer-Verlag 1993] 33251 (introductory abstract), 36583, 37030−40, 38962−3, 39020−32

Medical lasers and systems II; Los Angeles, CA, USA, 1993, *(SPIE)* [1993] 17672 (introductory abstract)

Medical ultrasound: physics and technology; York, UK, 6-7 April 1993, [Nov. 1993] 26084 (introductory abstract), 15816−20

Memory testing; San Jose, CA, USA, 9-10 Aug. 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 9095 (introductory abstract), 10090, 10152−62, 10174−85

Mercury cadmium telluride and other IR materials; Danvers, MA, USA, 13-15 Oct. 1992, [Aug. 1993] 9562−3, 10789−91, 10919−20, 11132−3, 11208, 11837−8, 11886, 12207, 15013

Meson-nucleus interaction; Cracow, Poland, 14-19 May 1993, [Oct.-Nov. 1993] 31611, 31659, 38764

Metallic multilayers; Kyoto, Japan, 1-5 March 1993, [Sept. 1993] 2859, 11449−50, 11475−8

Metallization for ULSI applications; Tempe, AZ, USA, 20-22 Oct. 1992, *(Univ. California)* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 799−804, 820−31, 2110−2, 2137, 2220−6, 2238−40, 2634, 2655

Metallurgical coatings and thin films; San Diego, CA, USA, 19-23 April 1993, *(American Vacum Soc)* [3 Dec. 1993] 40757 (introductory abstract), 9658, 9767−74, 10755, 10949, 10996−1000, 11816, 17405

MHD power generation; Beijing, China, 12-16 Oct. 1992, *(SEAM; IVTAN; Japanese MHD Soc.; Consorzio MHD; SPPERI; et al) G.Bozhong (editor/s)*, [Beijing, China: Int. Acad. Publishers 1992] 17679 (introductory abstract), 24449, 25298−331, 25342−58, 25362−8, 25711−845, 25853, 25905−7

Micro 24, microarchitecture; Albuquerque, NM, USA, 18-20 Nov. 1991, *(IEEE; ACM)* [New York, NY, USA: ACM 1991] 18778−82

MICRO-26, microarchitecture; Austin, TX, USA, 1-3 Dec. 1993, *(IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 34109

Microcircuit engineering 93; Maastricht, Netherlands, 26-29 Sept. 1993, *(Leica Cambridge; Fisons Instrum.; Alcatel; IOP-IC; et al)* [Jan. 1994] 26064 (introductory abstract), 26125, 26237, 26471, 26510, 26944, 27257, 27315, 27552−3, 27619, 27655−6, 27751−61, 27997−8052, 28214, 28224, 28247, 28274−5, 28401, 29107, 31376, 31469−72, 33672, 33692, 34855−6, 35265, 35617, 35778−9

Microcrystalline semiconductors; Boston, MA, USA, 30 Nov.-4 Dec. 1992, *P.M.Fauchet, C.C.Tsai, L.T.Canham, I.Shimizu, Y.Aoyagi (editor/s)*, [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 17665 (introductory abstract), 9512, 9603−4, 9667, 9683−8, 9695−6, 9741−4, 9783−5, 10655−6, 10707, 10728, 10748, 10847, 10862, 10954−6, 11137, 11163, 11854, 11877−8, 11907, 17399−400, 18237, 18269−73, 19325−6, 19374, 19430, 19519, 19568−72, 20548, 23710

Microdosimetry; Gatlingburg, TN, USA, 13-18 Sept. 1992, [1994] 46924−5, 47140−6

Microelectronics; Dallas, TX, USA, 9-11 Nov. 1993, *(SPIE; ISHM)* [1993] 17691 (introductory abstract), 17851−92, 17913, 17948, 17959, 18282, 18301, 18307−8, 18313, 18318, 18481, 18717, 18959, 19123, 19150, 19152−6, 19165−6, 19206, 19218−21, 19238−9, 19241, 19246, 19249−53, 19255−64, 19266−7, 19276−8, 19644, 20360−1, 23543−7, 23749, 23809−13, 23852, 23861, 25053−4, 25915−7, 25922

Microelectronics and optoelectronics; la Grande Motte, France, 21-23 Oct. 1992, [Sept. 1993] 17 (introductory abstract), 1844, 1928, 2574−5, 3175, 3308, 3331, 3602, 3704, 5902

Microengineering and optics; London, UK, 17 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 40708 (introductory abstract), 43385−6, 43453, 43509, 43596−7, 43607, 43669−70, 44172, 46355, 46519

Microengineering - the future; London, UK, 13 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 40742 (introductory abstract), 41031, 42700, 42804, 46369−71, 47909

Microlens arrays; Teddington, UK, 12-14 May 1993, [March 1994] 43491−2, 43598, 44146−7, 45103, 46368

Micromechanics (MME'93); Neuchatel, Switzerland, 7-8 Sept. 1993, [Sept. 1993] 26034 (introductory abstract), 26466−7, 26529−30, 27622, 27702−9, 27837, 28268, 28496, 29112, 30590, 31181−2, 31199−207, 31987

MicroProcess conference; Hiroshima, Japan, 19-22 July 1993, *(Japan Soc. Appl. Phys.; American Vacuum Soc.; IEEE)* [Dec. 1993] 26062 (introductory abstract), 26492−3, 26940−1, 27408−9, 27467, 27531−8, 27541−2, 27598, 27601−2, 27616, 27692−8, 27714−9, 27791−3, 27834−5, 27840−83, 28057, 31230

Microprocessing and microprogramming; Barcelona, Spain, 6-9 Sept. 1993, [Sept. 1993] 1 (introductory abstract), 1124−7, 1149, 1240−1, 1695, 2617, 2650, 2656, 2679, 5141, 5229, 5356, 5454−6, 6308, 7317, 18021, 18412, 18758−9, 19946−8, 19990, 19996, 20022, 22018, 22345−8, 22440, 22484, 22570−2

Microtribology; Morioka, Japan, 12-13 Oct. 1992, [1 Sept. 1993] 53 (introductory abstract), 243, 2808, 2815−25, 6421

Microwave filters and antennes for personal communications; London, UK, 22 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 42214−5, 44613, 45674−5, 45786−7

Microwave processing of materials; San Francisco, CA, USA, 27 April-1 May 1992, *R.L.Beatty, W.H.Sutton, M.F.Iskander (editor/s)*, [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 26052 (introductory abstract)

Microwave symposium MTT-S ; Atlanta, GA, USA, 14-18 June 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 946, 962, 990, 1009, 1022, 1073, 1300−1, 1308, 1381−7, 1395−6, 1406−16, 1423−43, 1446−62, 1480−7, 1489−91, 1493, 1498, 1503−9, 1513−34, 1536−49, 1572−3, 1580−5, 1589−618, 1622−37, 1646−52, 1795−6, 2396, 2447, 2580, 2746−8, 2854−7, 2890, 3176−8, 3333, 3335, 3383−4, 3603, 3905, 4028, 4112−3, 4182−3, 4190−6, 4201−8, 4234, 4280, 4288, 4320, 4326, 5290, 5453, 5615, 5642, 5726, 5732−5, 5830−1, 5835, 5858, 5910−2, 5948−52, 6102, 6125−8, 6132−5, 6168, 6232, 6275, 6303, 6363−4, 6366, 6733, 6736, 6750−3, 6756−8, 6763−4, 6768, 6783, 7366, 7460−2, 7496, 7565, 7598, 7628, 7688, 7691

Midwest computer conference; Whitewater, WI, USA, 26 March 1993, [Whitewater, WI, USA: Univ. Wisconsin-Whitewater 1993] 2941

Mixed signal VLSI test; London, UK, 13 Dec. 1993, *(IEE)* [London, UK: IEE 1993] 26051 (introductory abstract), 26673, 27012, 27091−8, 28272

MM wavebands exploitation; London, UK, 7 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 33204 (introductory abstract), 36192−4, 37714, 37828, 38156, 38206, 40635

Mobile communications; Zurich, Switzerland, 8-11 March 1994, *(IEEE) C.G.Gunther (editor/s)*, [Berlin, Germany: Springer-Verlag 1994] 40767 (introductory abstract), 41692, 42062−3, 44643, 44658−60, 44694−6, 45302−5, 45360, 45766, 45826−54, 45977−80, 46175

Mobile/location independent computing; Cambridge, MA, USA, 2-3 Aug. 1993, [Berkeley, CA, USA: USENIX Assoc. 1993] 17747 (introductory abstract), 22564−9, 22811, 23025

Mobile personal communications; Brighton, UK, 13-15 Dec. 1993, *(IEE)* [London, UK: IEE 1993] 17736 (introductory abstract), 21509, 22784, 22874−913, 22983, 23247, 23273, 23282

Mobile satellite communications; Pasadena, CA, USA, 16-18 June 1993, *(NASA/JPL; DOC/CRC) R.Cassingham (editor/s)*, [Pasadena, CA, USA: Jet Propulsion Lab. 1993] 26081 (introductory abstract), 33912, 34146, 36176−9, 36350, 36357−8, 36381−2, 36418−20, 36478−9, 36528, 36658, 37083−5, 37159−60, 37360, 37406, 37631, 37635−6, 37733−50, 37904−50, 38202, 38209−11, 38238, 39137, 39191, 47322

Mode-locked lasers and ultrafast phenomena; St. Petersburg, Russia, 24-27 Sept. 1991, [1992] 17685 (introductory abstract), 20498, 20605−7, 20659, 20686−7, 20696, 20962, 21006, 21024

Model-based vision; Boston, MA, USA, 19-20 Nov. 1992, *(SPIE)* [1993] 74 (introductory abstract), 5050−67, 7382, 7680

Modeling, analysis, and simulation of computer and telecommunication systems; Durham, NC, USA, 31 Jan.-2 Feb. 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput Soc. Press 1994] 33452, 33470, 37079, 37102−5, 37149−54, 37180, 37277−9, 37354−5, 37539−46, 37606, 37670, 37887, 45324

Modeling, technology, and applications; Los Angeles, CA, USA, 18-20 Jan. 1993, *(SPIE)* [1993] 17723 (introductory abstract), 20648−9, 20928−9, 20941−5, 20968, 27839, 28699, 28736, 28850, 28891−3, 28901−4, 28913−20, 28941, 28954, 29011−2, 29069

Modelling and control of national economics; Beijing, China, 18-20 Aug. 1992, *(IFAC; IFORS; IFIP; Int. Inst. Appl. Syst. Anal.; et al)* [Oxford, UK: Pergamon 1993] 26225, 30555, 32307

Modelling, identifications and control; Innsbruck, Austria, 10-12 Feb. 1992, *(IASTED)* [Zurich, Switzerland: Acta Press 1992] 253, 458, 4688−9, 5027−8, 5518, 7438, 7522, 7828−9, 7914, 7922, 7938, 8004, 8146, 8233, 8239, 8323−4, 8375−6, 8403, 8441, 8804, 8837, 10023, 10590, 16173, 16233−4, 16287−8, 16302, 16339, 16465, 16628, 16809

Modulated semiconductor structures; Garmisch-Partenkirchen, Germany, 23-27 Aug. 1993, [April-June 1994] 40696 (introductory abstract), 41340−52, 42426, 42496−520, 42657, 42726, 42849−52, 42883−4, 43017, 43030, 43538, 43617, 43641, 43650, 43893−7, 43939−40, 44015, 44103, 44118−9, 46387, 46447−9

Molecular electronics; Strasbourg, France, 4-7 May 1993, [23 Nov. 1993] 26010 (introductory abstract), 26527−8, 31324−5, 31330−1

Monitoring in obstetrics and gynaecology; London, UK, 16 Dec. 1993, *(IEE)* [London, UK: IEE 1994] 40740 (introductory abstract), 47101−2

Multi-chip module; Santa Cruz, CA, USA, 15-17 March 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40766 (introductory abstract)

Multichip modules; Denver, CO, USA, 14-16 April 1993, *(ISHM; SPIE; IEEE; Inst. Interconnecting & Packaging Electron. Circuits)* [Reston, VA, USA: Int. Soc. Hybrid Microelectron. 1993] 58 (introductory abstract), 302−15, 328−51, 445, 924, 1740−1, 1758, 1763−4, 9175, 9259−75, 9297−311, 9360−3, 10585−6, 10595−9, 15958

Multigigabit fiber communication systems; San Diego, CA, USA, 13-14 July 1993, *(SPIE)* [1993] 25995 (introductory abstract), 27307, 28492, 28757, 29263, 29422−3, 30253, 30391−4, 30701−14, 30772−87

Multilevel interconnection; Monterey, CA, USA, 27-28 Sept. 1993, *(SPIE)* [1993] 17725 (introductory abstract), 17975−6, 19133, 19606, 19656−72, 20009−11

Multimedia; Stockholm, Sweden, 18-19 April 1991, [Berlin, Germany: Springer Verlag 1992] 30341, 30449, 31071

Multimedia communications; Banff, Alta., Canada, 13-16 April 1993, *D.Phillips, P.Desrochers (editor/s)*, [Amsterdam, Netherlands: IOS Press 1993] 33218 (introductory abstract), 36557, 36906, 37119−20, 37222−8, 37254−5, 37383, 37434−8, 37561−5, 37609−10, 38203−5, 38217, 38260, 38332, 38346, 38358

Multimedia communications applications and technology; Wollongong, NSW, Australia, 14-15 July 1993, *(Nortel; Telecom Australia)* [Wollongong, NSW, Australia: Univ. Wollongong 1993] 33203 (introductory abstract), 33268, 36907−14, 37235−42, 37440−1, 37572, 37618−9, 38261−2, 38348−9, 38989

Mutual impact of computing power and control theory; Prague, Czechoslovakia, 1-2 Sept. 1992, *(IFAC)* [New York, NY, USA: Plenum 1993] 18844, 21817−8, 22070

Nanometer-scale methods in x-ray technology; Veldhoven, Netherlands, 11-13 Oct. 1993, *(Comm. Eur. Communities; Found. Physica; Newport B.V.; et al)* [Eindhoven, Netherlands: Philips Res. Lab. 1993] 40812 (introductory abstract)

Nanophase and nanocomposite materials; Boston, MA, USA, 1-3 Dec. 1992, [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 873−4, 889

Nanophase materials; Strasbourg, France, 3-6 Nov. 1992, [31 Aug. 1993] 632, 884−5

Nanostructure and two-dimensional electron systems; Sydney, NSW, Australia, 20-21 July 1992, [1993] 45 (introductory abstract), 719, 1893, 2585

Nanostructured materials; Cancun, Mexico, 22-26 Sept. 1992, *(Int. Committe Nanostructured Mater)* [1993] 27512−3, 31813

Nanotechnology; Tokyo, Japan, Sept. 1992, [Oct. 1993] 33215 (introductory abstract), 33331, 34726−8, 38465, 38703−5

NASECODE IX transactions; Copper Mountain, CO, USA, 6-8 April 1993, *(IEEE)* [Dec. 1993] 17731 (introductory abstract), 17846, 18190, 19283, 19318, 19324, 19344−5, 19518, 19579, 19715−9, 19741−2, 19774−7, 19832−3, 19899−900, 19951, 20204

National online meeting 1993; New York, NY, USA, 4-6 May 1993, *(Learned Inf)* [Medford, NJ, USA: Learned Inf. 1993] 30356, 30450−1, 37407, 38343, 45486

Natural language processing, SEPLN; Granada, Spain, 16-18 Sept. 1992, [Granada, Spain: SEPLN 1993] 12988−94

Negative ion formation and beam handling; Ibaraki, Japan, 27-28 July 1992, [Ibaraki, Japan: Nat. Lab. High Energy Phys. 1993] 26086 (introductory abstract), 15572, 15598−611

NetSec '93; Washington, DC, USA, 21-23 June 1993, [San Francisco, CA, USA: Comput. Security Inst. 1993] 40790 (introductory abstract)

Network and OS support for digital audio/video; La Jolla, CA, USA, 12-13 Nov. 1992, *(IEEE, SCM SIGCOMM, SIGOIS, SIGOPS) P.Venkat Rangan (editor/s)*, [Berlin, Germany: Springer-Verlag 1993] 9101 (introductory abstract), 5327−38, 5381, 5406, 5548−9, 5611, 6213, 6256, 13960−74, 14080, 14170−3

Networks '93; Birmingham, UK, 29 June-1 July 1993, [London, UK: Blenheim Online 1993] 33219 (introductory abstract), 37188−98, 37213, 37256, 37316−31, 37368, 37468−83, 37596, 37624, 38043

Neural and stochastic methods in image and signal processing; San Diego, CA, USA, 12-13 July 1993, *(SPIE)* [1993] 26006 (introductory abstract), 26321−2, 29534, 29645, 29853−73, 31847−8, 32113

Neural computation; Sitges, Spain, 9-11 June 1993, [Berlin, Germany: Springer-Verlag 1993] 18793, 18938−40, 19969, 20008, 22207, 24112, 29435, 29818, 30173, 30257, 30282

Neural networks and their applications; Nimes, France, 2-6 Nov. 1992, [Nanterre, France: EC2 1992] 9914−5, 13547−8, 16276−7

Neural networks: techniques and applications; Liverpool, UK, 7-8 Sept. 1992, [Hemel Hempstead, UK: Ellis Horwood 1993] 25240

Neuromagnetism; Erlangen, Germany, 25-28 Oct. 1990, [Nov. 1993] 26035 (introductory abstract), 31878−85, 31937−47, 31983

Neuroscience; Xalapa, Venezuela, 9-11 Dec. 1991, [Berlin, Germany: Springer-Verlag 1993] 37048−50

Neutrino discovery; Philadephia, PA, USA, 30 April-1 May 1992, [Singapore: World Scientific 1993] 46856

Neutrino in cosmology,astro, particle and nuclear physics; Erice, Italy, 8-17 Sept. 1993, *(Sicilian Regional Gov.; Italian Minist.Education;)* [1994] 46943−7, 47011−3

New developments and application in optical radiometry; Baltimore, MA, USA, 5-7 Oct. 1992, *(NASA)* [Oct. 1993] 33243 (introductory abstract), 20954, 23370, 23375, 23404, 23604−17, 23626, 23915−7, 23921, 24463−4, 24485−6, 25698

NMR/MRI used in NDT; London, UK, 9 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 33227 (introductory abstract), 33787−9

Noise in physical systems; St. Louis, MO, USA, 1993, [1993] 9110 (introductory abstract), 10430−1, 10640−1, 10651−3, 10669−73, 10715, 11215, 11253−4, 11273, 11465−6, 11844−5, 12225−7, 13261, 15017−20, 18398, 18527, 18543, 19023−5, 19359−66, 19478, 19706−7, 19731, 19759−66, 19803−18, 19883−9, 19921, 19980, 20018, 20209, 21707, 23866−8, 24296−7

Nonimaging optics; San Diego, CA, USA, 12-13 July 1993, *(SPIE)* [1993] 26008 (introductory abstract)

Nonlinear control systems design 1992; Bordeaux, France, 24-26 June 1992, *(IFAC; CNRS; et al)* [Oxford, UK: Pergamon Press 1993] 8377−9

Nonlinear dynamics; Lyngby, Denmark, 23 July-1 Aug. 1992, [15 Sept. 1993] 2906−10, 3116

Nonlinear optical properties; San Diego, CA, USA, 13-16 July 1993, *(SPIE)* [1993] 40752 (introductory abstract), 43182, 43463−4, 43481, 43495, 43506, 43520, 43526, 43540−6, 43555, 43557, 43652, 44070−5, 44106−10, 44127−8, 44153, 44163

Nonlinear optical properties of advanced materials; Los Angeles, CA, USA, 20-21 Jan. 1993, *(SPIE)* [1993] 17717 (introductory abstract), 20236, 20281−3, 20513, 20661, 21062−71

Nordic insulation symposium 1992; Vasteras, Sweden, 15-17 June 1992, [Vasteras, Sweden: Nygrens Ljuakopla AB 1992] 25 (introductory abstract), 2691−4, 2708, 2720, 2722−7, 6319, 6766, 8027, 8273, 8480, 8679−80, 11339, 11347−50, 11379−85, 16295, 16320, 16403−6, 16917−9

Northcon 92; Seattle, WA, USA, 19-21 Oct. 1992, *(IEEE; ERA; Electron. Manuf. Assoc) H.Juj, A.T.Moser (editor/s),* [Ventura, CA, USA: Electron. Conventions Manage. 1992] 40789 (introductory abstract), 40896, 40912, 40992, 41595, 41672, 41805−12, 41866−8, 41902, 41941, 41971−8, 42085−7, 42278, 42293, 42317, 43438, 45570, 45617, 46307−8, 46405−7, 46483, 47175

NPL'92; Obninsk, Russia, 26-29 May 1992, [1993] 17692 (introductory abstract), 20591, 20640−6, 20660, 20703, 20965

NSS/MIC'92; Orlando, FL, USA, 25-31 Oct. 1992, *(IEEE)* [Aug. 1993] 32 (introductory abstract), 1812−3, 1815, 7181−93, 7240−60, 7274, 7283, 7302−4, 7387, 10217, 14578, 15099, 15245, 15619−23, 15635−6, 15653−5, 15659−67, 15675−6, 15724−58, 17805, 18494, 18546, 18746, 18821−2, 20021, 22998, 24001−2, 24090−8, 24126, 25153−5

Nuclear and space radiation effects; Snowbird, UT, USA, 19-23 July 1993, *(IEEE)* [Dec. 1993] 33334−5, 33441, 33915, 33989, 34062−73, 34183, 34204, 34268, 34489−90, 34513, 34571, 34631−4, 34687−8, 34872, 34884, 34901−2, 34922−4, 34974−87, 35028−30, 35072−7, 35082, 35095, 35151, 35191, 35581, 35585, 35841, 36252, 38572, 38864−5, 39146−9, 39156−7, 39239−42, 39253−4, 39303−4, 39448

Nuclear data; Tokai, Japan, 26-27 Nov. 1992, [Ibaraki-ken, Japan: Japan Atomic Energy Res. Inst. 1993] 11916, 15682

Nuclear data evaluation; Upton, NY, USA, 12-16 Oct. 1992, *(Brookhaven Nat. Lat.; DOE)* [Singapore: World scientific 1993] 24123

Nuclear energy in central Europe; Portoroz, Slovenia, 13-16 June 1993, [Ljubljana, Slovenia: Nucl. Soc. Slovenia 1993] 33797−9, 38573, 39820−8, 39873−94, 40032

Nuclear excitation and gross properties; Hirschegg, Austria, 18-23 Jan. 1993, [Darmstadt, Germany: Gesellschaft fur Schwerionenforschung 1993] 15651, 15681

Nuclear physics; Piaski, Poland, 18-28 Aug. 1993, [March-April 1994] 7273, 15642, 20602, 24115−7, 31712, 46804

Nuclear spectroscopy and nuclear structure; Dubna, Russia, April 1993, [1993] 38848, 38933

Nuclear structure; Amalfi, Italy, 18-22 May 1992, *(Univ. Napoli; Inst. Naz. Fis. Nucl)* [Singapore: World Scientific 1993] 7301

Number theory, combinatorics and applications to computer science; Marseille, France, 14-16 Oct. 1991, [17 Jan. 1994] 26282, 26284, 26304−5

Numerical analysis; Prague, Czechoslovakia, 31 Aug.-4 Sept. 1992, [1993] 26068 (introductory abstract), 26354−5, 26371−3, 41057, 41087, 41127, 41198−9, 45043

Object-oriented simulation; La Jolla, CA, USA, 17-20 Jan. 1993, *(SCS)* [San Diego, CA, USA: SCS 1993] 29169

Object oriented systems design and use; London, UK, 10 Jan. 1994, [London, UK: IEE 1994] 30521

Observations of Earth from space; Washington, DC, USA, 28 Aug.-5 Sept. 1992, *(COSPAR; COSTED; IUGG; UNESCO)* [Nov. 1993] 26055 (introductory abstract)

Online information; Pretoria, South Africa, 2-4 June 1993, [Aug.-Oct. 1993] 633, 5509−10

Online information 92; London, UK, 8-10 Dec. 1992, [Oxford, UK: Learned Inf. 1992] 14232−5, 14301, 14541, 22551

OOPSLA '92, addendum; Vancouver, BC, Canada, 18-22 Oct. 1992, *(ACM)* [April 1993] 23770

Open distributed processing; Berlin, Germany, 13-16 Sept. 1993, [1994] 37345−7, 37513−20

Open systems testing; Edinburgh, UK, 24-25 June 1993, [Brussels, Belgium: Open Syst. Testing Consortium 1993] 37531 (introductory abstract), 33301, 33344, 37352, 37532−7

Operating systems principles; Ashville, NC, USA, 5-8 Dec. 1993, *(ACM)* [Dec. 1993] 22354, 22605

Operations research and computer science; Williamsburg, VA, USA, 8-10 Jan. 1992, *(ORSA)* [Oxford, UK: Pergamon 1992] 26280−1, 30484−5

Ophthalmic technologies III; Los Angeles, CA, USA, 16-18 Jan. 1993, *(SPIE; Biomed. Opt. Soc)* [1993] 17715 (introductory abstract)

Optical amplifiers and their applications; Yokohama, Japan, 4-6 July 1993, *(Opt. Soc. America; IEEE; IEICE Japan)* [Washington, DC, USA: Opt. Soc. America 1993] 9096 (introductory abstract)

Optical communication - ECOC'93; Montreux, Switzerland, 12-16 Sept. 1993, *(Nat. Soc. Electr. Eng. Western Europe)* [Zurich, Switzerland: Swiss Electrotech. Assoc. (SEV) 1993] 26083 (introductory abstract), 28225, 28472−4, 28497−500, 28521−2, 28588, 28684−6, 28798−805, 28874−82, 29022−3, 29275, 29477, 30189, 30304, 30574−7, 30591, 30834−62, 31241, 34871, 35355, 35414−9, 35426, 35440, 35451−3, 35473−7, 35487−9, 35542, 35552−3, 35571−2, 35577, 35618, 35623−8, 35763−4, 35794−801, 35820−4, 35895−9, 35918, 35920, 35929, 35974, 36345, 37078, 37656−8, 37668−9, 37683, 37687, 37991−3, 38005−10, 38093−133, 38337, 38493

Optical computing; Minsk, Byelorussia, 29 June-1 July 1992, *(SPIE; ICO; Acad. Sci. Republic of Belarus; et al)* [1993] 17704 (introductory abstract), 11565−70, 11580, 11606, 11661−3, 11695, 11728−68, 11785−93, 11796, 11807, 11882, 12063, 12344−7, 12421−7, 12454, 12786, 13508−17, 15199, 17926, 20279, 20398−9, 20463−82, 20487−97, 20583, 20947, 21116, 22206, 22318, 28546−59, 28670

Optical detectors and receivers; London, UK, 27 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 40741 (introductory abstract), 43632−4, 43677, 45931−6, 46437−9

Optical engineering and remote sensing; Tel Aviv, Israel, 14-16 Dec. 1992, *(SPIE; ICOD; EOS; OSA; Asia-Pacific Opt. Fed)* [1993] 9074 (introductory abstract)

Optical fibre systems for cable TV; London, UK, 12 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9143 (introductory abstract), 14814−8

Optical fibre technology; Wollongong, NSW, Australia, 28 Nov.-1 Dec. 1993, [Edgecliff, NSW, Australia: Instn. Radio & Electron. Eng. Australia 1993] 33186 (introductory abstract), 35302, 35356−9, 35388−402, 35461, 35495−6, 35516, 35531−2, 35548−9, 35629, 35732−3, 35744−5, 35825, 35849−54, 35981, 35996−6003, 36060−1, 36090, 36317, 36445, 37664, 38011−26, 38044−53, 38535−9, 38544−5

Optical information processing; St. Petersburg, Russia, 2-7 Aug. 1993, *(SPIE; A.F. Ioffe Phys.Tech. Inst./Russian Acad. Sci.; et al)* [1993] 40802 (introductory abstract)

Optical inspection, metrology and sensing; Boston, MA, USA, 19-20 Nov. 1992, *(SPIE)* [1993] 28 (introductory abstract), 901−2, 1756, 2306, 3530, 3725, 3907−15, 3945−6, 4898, 6144−5, 6320, 6423−4, 6523−5, 6562−3, 6786−96, 6825−6, 6835

Optical/laser microlithography; San Jose, CA, USA, 3-5 March 1993, *(SPIE)* [1993] 2 (introductory abstract), 2263−80, 2328−80, 2683, 3414−5, 6694

Optical materials reliability and testing: benign and adverse environments; Boston, MA, USA, 8-9 Sept. 1992, *(SPIE)* [1993] 27 (introductory abstract), 2986−3004, 3028−30, 3362, 3387, 3540−1, 3632, 5943−4, 5959, 6422, 6530, 7534, 7640, 28443−4

Optical materials technology for energy efficiency; San Diego, CA, USA, 13-14 July 1993, *(SPIE)* [1993] 33670−1, 33691, 34671, 35480−3, 40055, 40462−6

Optical memory and optical data storage; Maui, HI, USA, 5-9 July 1993, *(IEEE; OSA; SPIE; JSAP; IEICE; MSJ; OITDA)* [New York, NY, USA: IEEE 1993] 56 (introductory abstract)

Optical microwave interactions; Santa Barbara, CA, USA, 19-30 July 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 87 (introductory abstract)

Optical pattern recognition; Orlando, FL, USA, 13-14 April 1993, *(SPIE)* [1993] 26061 (introductory abstract), 28527−9, 28532−3, 30102−20, 32168, 33126, 35309, 35514, 35517, 35519−23, 35977, 36040, 36056−7, 36857−63, 36890−1, 38431, 38965, 39136

Optical properties of condensed matters; Guizhou, China, 18-22 Sept. 1992, [April 1993] 11708, 11821, 12359, 15015

Optically activated switching; Los Angeles, CA, USA, 21-22 Jan. 1993, *(SPIE)* [1993] 26002 (introductory abstract), 27475, 27773, 28406−7, 28504, 28599, 28619−40, 28990, 30904

Optics, illumination, and image sensing for machine vision VII; Boston, MA, USA, 15-16 Nov. 1992, *(SPIE)* [1993] 73 (introductory abstract), 3302, 5040−8, 6585−95, 8967

Optics in agricultre and forestry; Boston, MA, USA, 16-17 Nov. 1992, *(SPIE)* [1993] 9113 (introductory abstract)

Optics of excitons in confined systems; Montpellier, France, 30 Aug.-2 Sept. 1993, *(Univ. Montpellier II; Minist. Enseignement Superieur & Rech.; et al)* [Oct. 1993] 19393, 20394, 20852−4, 20940

Optics of liquid crystals; Cocoa Beach, FL, USA, 7-11 Oct. 1991, [Nov.-Dec. 1992] 15149−51, 20243−4, 20410−1, 23791

Optimization-based computer-aided modelling and design; The Hague, Netherlands, 2-4 April 1991, [Berlin, Germany: Springer-Verlag 1992] 26632, 32380

Optoelectronic interconnects; Los Angeles, CA, USA, 18-20 Jan. 1993, *(SPIE)* [1993] 11 (introductory abstract), 2657, 2929, 2942, 3085, 3140, 3190−1, 3256−9, 3269−70, 3369−76, 3388−92, 3633, 3839, 3899, 5666−7, 5671−2, 5887, 5965−7, 7532

Optoelectronics and applications in industry and medicine; Tel-Aviv, Israel, 14-16 Dec. 1992, *(SPIE; ICO; EOS; OSA; Asia-Pacific Opt. Federation)* [1993] 26003 (introductory abstract)

Optomechanical design; San Diego, CA, USA, 15-16 July 1993, *(SPIE)* [1993] 43494, 43963, 46493, 47182−4

Organic and biological optoelectronics; Los Angeles, CA, USA, 18-19 Jan. 1993, *(SPIE)* [1993] 17686 (introductory abstract), 20234, 20245−9, 20396, 20460−1, 21025−8

Organometallic vapor phase epitaxy; Palm Springs, CA, USA, 21-25 March 1993, [Feb. 1994] 41287−307, 41439−41, 42473, 43003, 43853

Orthogonal polynomials and applications; Grandada, Spain, 23-27 Sept. 1991, [31 Dec. 1993] 26271, 26335−8

OSI protocol implementation agreements; Gaithersburg, MD, USA, Dec. 1992, *T.Boland, B.Gray (editor/s),* [Gaithersburg, MD, USA: NIST 1993] 5247 (introductory abstract)

Overvoltages and insulation coordination; New Delhi, India, 1-2 Sept. 1993, [New Delhi, India: CIGRE Study Committee 1993] 43140, 43163, 47561−2, 48014−23, 48034−6

Pacific manufacturing; Osaka, Japan, 3-6 Nov. 1992, [Jan. 1994] 26159

PACS design and evaluation; Newport Beach, CA, USA, 16-19 Feb. 1993, *(SPIE)* [1993] 26029 (introductory abstract)

PADS '92, parallel and distributed simulation; Newport Beach, CA, USA, 20-22 Jan. 1992, *(IEEE; SCS; ACM)* [San Diego, CA, USA: SCS 1992] 26628−9, 30515, 30583

Parallel algorithms and architectures; Hilton Head, SC, USA, 21-24 July 1991, [Jan.-Feb. 1994] 26843, 30259

Parallel and distributed computing; Caracas, Venezuela, 18-22 April 1994, [1994] 45088−9, 45340, 45533, 45554, 47051

Parallel and distributed processing; Gran Canaria, Spain, 27-29 Jan. 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 41056, 41100, 41155−7, 41557, 41942, 45329, 45407, 45537−8, 47279

Parallel and distributed simulation; San Diego, CA, USA, 16-19 May 1993, *(IEEE; ACM; SCS)* [San Diego, CA, USA: SCS 1993] 41576−7

Parallel architectures; Paderborn, Germany, 11-13 Nov. 1992, [Berlin, Germany: Springer-Verlag 1993] 1235

Parallel architectures and languages; Munich, Germany, 14-17 June 1993, *(ESPRIT; Dresdner Bank; City of Munich; AFCET; CEPSIS; ITG)* [Berlin, Germany: Springer-Verlag 1993] 11289, 13829

Parallel computational methods for large-scale structural analysis and design; Norfolk, VA, USA, 24-25 Feb. 1993, *(NASA; Intel Supercomput. Syst. Div.; Old Dominion Univ.; Univ. Virginia; Cray Res)* [Aug.-Dec. 1993] 41213−6

Parallel computing in engineering and engineering education; Paris, France, 8-12 Oct. 1990, [London, UK: Microcomput. Unit Ltd. 1990] 10212, 14160

Parallel processing; Newport, CA, USA, 13-16 April 1993, *(IEEE Comput. Soc.; ACM Sigarch)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 13826, 14244, 22352, 26620, 30490, 30573

Parallel symbolic computing; Cambridge, MA, USA, 14-17 Oct. 1992, [Berlin, Germany: Springer-Verlag 1993] 18772

Particle accelerators; Berlin, Germany, 24-28 March 1992, *(City of Berlin; DFG; CERN; DESY; EEC; ESRF; GSI; INFN; KFA; KfK) H.Henke, GenazHomeyer,P.J. (editor/s),* [Gif sur Yvette, France: Editions Frontieres 1992] 9078 (introductory abstract), 3407−8, 3698−701, 4003, 6900−20, 6925−39, 6983−90, 7009−111, 7122−5, 7130−44, 7278, 7284−5, 7394−5, 7468−72, 9775, 9975−6, 10619−21, 11526, 12257−9, 12265, 13237, 15176, 15181, 15265−315, 15320−34, 15340, 15353−413, 15433−66, 15487−571, 15578−86, 15589−94, 15668, 15677−8, 15680, 15684, 17016, 17632, 31594

Particle beams - intensity limitations; Hilton Head Island, SC, USA, 7-14 Nov. 1990, *M.Dienes, M.Month, S.Turner (editor/s),* [Berlin, Germany: Springer-Verlag 1992] 26092 (introductory abstract), 31387, 31547−50, 31595−610, 38772

Passive fiber optic components; Berlin, Germany, 6-8 April 1993, *(Eur. Opt. Soc.; SPIE)* [1993] 33195 (introductory abstract), 35341−9, 35363−82, 37998, 38027−8

PCB design; Burlingame, CA, USA, 23-25 Aug. 1993, *(Printed Circuit Design; Miller Freeman)* [San Francisco, CA, USA: Miller Freeman 1993] 40734 (introductory abstract)

PCTE '93 conference; Paris, France, 17-18 Nov. 1993, [1993] 37551

People and computers, HCI 92; York, UK, 15-18 Sept. 1992, [Cambridge, UK: Cambridge University Press 1992] 5520−1

Performance evaluation of computer and communication systems; Rome, Italy and Santa Clara, CA, USA, 27 Sept.-1 Oct. 1993 & 10-14 May 1993, *L.Donatiello, R.Nelson (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 90 (introductory abstract), 5223−8, 5350−5, 5579−84

Personal, indoor and mobile radio communications; Boston, MA, USA, 19-21 Oct. 1992, *(IEEE; Worcester Polytech. Inst.; IEE; IEICE Japan; GTE Lab)* [New York, NY, USA: IEEE 1992] 33201 (introductory abstract), 33913, 33923, 34104, 36182−91, 36250, 36485−9, 36553−6, 36589, 36698−700, 37086−8, 37116−8, 37363, 37428−33, 37632, 37650−1, 37699−713, 37760−827, 37961−2, 38004, 38185, 38328

Petri nets, applications and theory; Chicago, IL, USA, 21-25 June 1993, *(IEEE)* [Berlin, Germany: Springer-Verlag 1993] 18012−7, 18754, 18771, 22342, 22351, 22676

Phase transformations in thin films; San Francisco, CA, USA, 13-15 April 1993, [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 26425, 27574−7, 27691, 27787, 28354−5

Photodetectors and power meters; San Diego, CA, USA, 15-16 July 1993, *(SPIE)* [1993] 33239 (introductory abstract), 19279−81, 19314, 20519, 23496, 23576−9, 23586−98, 23706, 23989−90, 23998

Photodynamic therapy; Los Angeles, CA, USA, 16-17 Jan. 1993, *(SPIE)* [1993] 17709 (introductory abstract)

Photodynamic therapy and biomedical lasers; Milan, Italy, 24-27 June 1992, *P.Spinelli, M.Dal Fante, R.Marchesini (editor/s),* [Amsterdam, Netherlands: Excerpta Medica 1992] 63 (introductory abstract)

Photonic switching; Minsk, Byelorussia, 1-3 July 1992, *(SPIE; Acad. Sci. Republic of Belarus; et al)* [1993] 12 (introductory abstract), 2943, 3141−2, 3192−7, 3227−8, 3244−5, 3260−3, 3271, 3377, 3393−4, 3467, 3634, 3708, 3787−803, 3840−6, 3900, 3926−9, 4336, 5668, 5673−82, 5968, 6498

Physical concepts and materials; Trieste, Italy, 24-27 May 1993, *(SPIE; EOS; UNIDO)* [1993] 33212 (introductory abstract), 33639−40, 33654, 33743, 34518, 34569−70, 34584−7, 35031, 35311, 35428, 35454, 35491−3, 35583−4, 35593, 35601−2, 35612, 35616, 35828−30, 35862−9, 35988−9, 36007−11, 38508, 38517−20, 38555, 39424, 40491, 43452, 43602, 43755, 43819−20, 44046

Physics of electronic and atomic collision; Aarhus, Denmark, 21-27 July 1993, *(Danish Sci. Rec. Council; Danish Accelerator Committee; et al)* [1993] 43709

Physics of ferroelectrics; Tver, Russia, Sept. 1992, [1993] 10377, 11417, 27321−2

Piezoelectric materials; Montpellier, France, 1-2 Dec. 1993, [Feb. 1994] 41241−2, 42422, 43178, 43228, 43234, 45822

Piping system ageing; Stuttgart, Germany, 10-11 Oct. 1991, [Oct. 1993] 16085, 16558, 25135, 25176

Plasma physics; Vaals, Netherlands, 6-17 Sept. 1993, [March 1994] 44583, 47506

Plasma physics and controlled fusion research; Wuerzburg, Germany, 30 Sept.-7 Oct. 1992, *(IAEA)* [Vienna, Austria: IAEA 1993] 28422

Plasma processes; Antibes Juan les Pins, France, 6-11 June 1993, [May-July 1993] 33199 (introductory abstract)

Plasma sciences; Vancouver, BC, Canada, 7-9 June 1993, *(IEEE; Univ. British Colombia)* [Feb. 1994] 42732−3, 47993

Plasma surface engineering; Garmisch-Partenkirchen, Germany, 26-29 Oct. 1992, [1 Oct. 1993] 26409, 26472, 26476−8, 27396

Plastic optical fibres and applications; The Hague, Netherlands, 28-29 June 1993, [Geneva, Switzerland: European Inst. Commun. & Networks 1993] 2959−61, 3125−6, 3495−6, 5881−4, 6307, 6517−20, 7161

Polarized ion sources and polarized gas targets; Madison, WI, USA, 23-27 May 1993, *(NSF; Int. Comm. High Energy Symposia)* [1994] 33234 (introductory abstract), 31587−8, 31591, 31615−50

Post irradiation examination; Oarai, Japan, 9-10 Nov. 1992, [Ibaraki, Japan: Japan Atomic Energy Res. Inst. 1993] 41517, 46668

Powder metallurgy and particulate materials; Nashville, TN, USA, 16-19 May 1993, *(Metal Powder Ind. Fed.; American Powder Metallurgy Inst)* [Princeton, NJ, USA: Metal Powder Ind. Federation 1993] 17734 (introductory abstract)

Power cables and accessories, 10kV to 500 kV; London, UK, 23-25 Nov. 1993, [London, UK: IEE 1993] 9128 (introductory abstract), 16275, 16297, 16311, 16340−72, 16382−3, 16416−24, 17564−5, 24949

Power conversion; Yokohama, Japan, 19-21 April 1993, *(IEEE; IEICE Japan; SICE; Japan Soc. Power Electron)* [New York, NY, USA: IEEE 1993] 82 (introductory abstract), 1053, 7739, 8309, 8620−54, 8875−7, 8946−8, 9042, 11185−6, 16158−62, 16717, 16729−30, 16759, 16764−6, 16802, 16810−1, 16830−3, 16846−51, 16887, 16897, 16904, 16952−66, 17017−9, 17137, 17414, 17422−7, 17446−54, 17523−4, 17539, 17622

Power conversion, PCIM '93; Nuremberg, Germany, 22-24 June 1993, [Nurnberg, Germany: ZM Commun. 1993] 40700 (introductory abstract), 26683−93, 27329, 28110, 28117, 28141, 28927, 31854, 32275−6, 32899, 32914−37, 32964−5, 33050, 33123−4, 33149, 33166, 41641, 41655−68, 42276, 42371, 42964, 43018, 47965−8, 47976−88, 48054, 48092−3, 48476

Power electronics and applications; Brighton, UK, 13-16 Sept. 1993, *(IEE)* [London, UK: IEE 1993] 9094 (introductory abstract), 144−7, 1027−37, 1054−67, 1831−2, 1904, 2168, 2386, 2390, 2402−7, 2432−7, 2466−9, 2477−83, 2490−8, 2510, 2537−40, 2561−2, 2589−92, 2609, 2669, 7741, 7853, 7868, 7944, 8012, 8296, 8342−3, 8347−52, 8412−20, 8426−31, 8453−6, 8471, 8487, 8551−600, 8655−67, 8712, 8845−69, 8878−94, 8921−32, 8949−54, 8960, 8993−5, 8997, 9022, 9024, 9028, 9072−3, 9955, 15158−9, 15968, 16148, 16242−50, 16291−2, 16304, 16457, 16485, 16489, 16672, 16686, 16725−8, 16731−2, 16743−4, 16760−1, 16767−9, 16812−5, 16834−8, 16852−60, 16885, 16898, 16916, 16967−7000, 17020−7, 17051−77, 17136, 17407, 17428−40, 17455−75, 17525−9, 17540−3, 17588, 17598−9, 17613, 17617, 17623−4

Power electronics, CAD; London, UK, 26 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 40738 (introductory abstract), 41642−4, 42901, 48158−9, 48236

Power engineering IPEC '93; Singapore, 18-19 March 1993, [Singapore: Nanyang Technol. Univ. 1993] 23 (introductory abstract), 112−3, 136, 6677, 7707−17, 7724, 7799−809, 7831−5, 7889−91, 7894, 7920−1, 7934, 7939, 7964, 7989−91, 7995−6, 8026, 8038, 8063, 8139, 8240, 8248, 8258, 8271−2, 8315, 8335, 8366−71, 8394−5, 8437−9, 8513−7, 8520, 8720, 8797−8, 8818, 9018

Power-Gen Europe '93; Paris, France, 25-27 May 1993, *(Power Eng. Int)* [Utrecht, Netherlands: PennWell Conferences & Exhibitions 1993] 33202 (introductory abstract), 39521−4, 39805−7, 39811−5, 39846−56, 39928−47, 39959−71, 39977, 39986, 39994−8, 40015−30, 40672, 47615, 47716−24, 47757−8

Power generation, Power-Gen'92; Orlando, FL, USA, 17-19 Nov. 1992, [Houston, TX, USA: Penwell Conferences and Exhibitions 1992] 21 (introductory abstract), 7797−8, 7849−52, 7867, 7902−6, 8035, 8039−40, 8057−60, 8094, 8122−34, 8147−51, 8159−86, 8188, 8193−6, 8199−200, 8207, 8211−9, 8221, 8226−8, 8254, 8257, 9044, 16629−36, 16649−57, 16663−4, 16671

Power industry computer application conference; Scottsdale, AZ, USA, 4-7 May 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 40809 (introductory abstract), 47421−6, 47612, 47624

Power semiconductor devices and circuits; Baden-Dattwil, Switzerland, 26-27 Sept. 1991, *A.A.Jaecklin (editor/s),* [New York, NY, USA: Plenum Press 1992] 62 (introductory abstract), 1038, 1990, 2391−2, 2408−9, 2499−500, 2639−40, 7916, 7923, 8601−2

Power semiconductors; Prague, Czechoslovakia, 9-11 Sept. 1992, *(IEE)* [Prague, Czechoslovakia: Czech Technical University 1992] 65 (introductory abstract), 148−9, 1039−46, 1681, 2501−7, 2541−6, 2670, 6343, 7734, 8013, 8870−1, 8933

Power sources; Cherry Hill, NJ, USA, 22-25 June 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 9092 (introductory abstract), 10534−6, 15967, 17143−8,, 17154−80, 17182−8, 17191−211, 17230−58, 17309−11, 17415−6, 17562, 48090

Power system applications of neural nets; Yokohama, Japan, 19-22 April 1993, *(IEEE) Y.Tamura, H.Suzuki, H.Mori (editor/s),* [New York, NY, USA: IEEE 1993] 9099 (introductory abstract), 9439, 16122−5, 16151−2, 16175−85, 16251−2, 16259−69, 16278−82, 16319, 16378, 16391, 16431−3, 16452−3, 16486, 16491, 16514−5, 16530, 16637, 16709, 16722, 16772, 17493, 24629−32, 24770−6, 24861−5, 24913, 24966, 25370, 25594

Power transformer condition monitoring; London, UK, 22 March 1994, *(IEE)* [London, UK: IEE 1994] 40818 (introductory abstract), 47943−50

Practical holography; San Jose, CA, USA, 1-2 Feb. 1993, *(SPIE)* [1993] 33194 (introductory abstract), 29046−58, 35308, 36045−55, 38725

Practical paths to assurance; Gaithersburg, MD, USA, 14-17 June 1993, *(IEEE; British Comput. Soc.; Arca Syst.; ARING Res.; et al)* [New York, NY, USA: IEEE 1993] 40875, 45357

Pressure effects on materials processing and design; Boston, MA, USA, 3-5 Dec. 1991, *K.Ishizaki, E.Hodge, M.Concannon (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 26021 (introductory abstract)

Printed circuit fabrication; San Francisco, CA, USA, 10-12 May 1993, *(Printed Circuit Fabrication Magazine)* [San Francisco, CA, USA: Miller Freeman 1993] 40701 (introductory abstract)

Process analytical chemistry forum; Galveston, TX, USA, 26-27 Jan. 1993, [Dec. 1993] 26216−7, 26254, 31110, 31164, 31504

Process and device modeling; Nara, Japan, 14-15 May 1993, *(IEEE; Japan Soc. Appl. Phys)* [New York, NY, USA: IEEE 1993] 26080 (introductory abstract)

Processing and packaging of semiconductor lasers and optoelectronic devices; Los Angeles, CA, USA, 20-21 Jan. 1993, *(SPIE)* [1993] 33193 (introductory abstract), 33362−6, 33625, 35340, 35620, 35810−4, 35930, 37997, 38552

Production and neutralization of negative ions and beams; Upton, NY, USA, Nov. 1992, [1994] 40690 (introductory abstract), 38821−36, 46699−701, 46723−39, 46811−29

Production economics; Innsbruck, Austria, 17-21 Feb. 1992, [July 1993] 236, 424−5

Project management; London, UK, 10 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 40706 (introductory abstract), 40885−7

Protocol specification; Liege, Belgium, 25-28 May 1993, [1993] 9077 (introductory abstract), 13888−92, 13939, 14116−9, 14266

Protocol test systems; Pau, France, 28-30 Sept. 1993, [1993] 26069 (introductory abstract), 30225−41, 30504−6, 30542

Pulp and paper association conference; Montreal, Que., Canada, 1-2 Feb. 1994, [Montreal, Que., Canada: Canadian Pulp & Paper Assoc. 1994] 33257 (introductory abstract)

Pulp and paper industry technical conference; Hyannis, MA, USA, 21-25 June 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 39 (introductory abstract), 157−8, 203, 430, 6336, 7830, 8263−5, 8380−1, 8477, 8674, 8716, 8792−3, 8805−6, 9046−56

Pulsed power; London, UK, 3 March 1994, *(IEE)* [London, UK: IEE 1994] 40779 (introductory abstract), 47313, 47924, 47989−92, 48008−11

Quantitative nondestructive evaluation; La Jolla, CA, USA, 19-24 July 1992, *D.O.Thompson, D.E.Chimenti (editor/s),* [New York, NY, USA: Plenum 1993] 9140 (introductory abstract)

Quantum 1/f noise and other low-frequency fluctuations in electronic devices; St. Louis, MO, USA, 22-23 May 1992, *(NSF)* [1993] 26023 (introductory abstract), 27451−2, 27481, 27507, 27530, 27788, 28056, 28082, 28112−3, 28153−5, 28646

Quantum electronics; Belfast, Ireland, 30 Aug.-2 Sept. 1993, *(IEE; Royal Soc. Chem.; UK Lasers & Electro-optics Trade Association)* [Belfast, UK: Queen's Univ. 1993] 17741 (introductory abstract)

RACE - intelligence in services and networks; Paris, France, 23-25 Nov. 1993, [Watford, UK: Cray Commun. 1993] 37181 (introductory abstract), 37182,

37216–20, 37229–34, 37283–92, 37295–307, 37555–7, 37566–71, 37611, 37616–7, 37751–3, 39110

Radar; Lynnfield, MA, USA, 20-22 April 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 17701 (introductory abstract), 19068, 21261, 23067, 23123–33, 23164–205

Radar and sonar texture analysis; London, UK, 8 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 33253 (introductory abstract), 37046–7, 38152–4, 38165–7, 38177–8, 39033

Radiation oncology; Kyoto, Japan, 21-25 June 1993, [Kyoto, Japan: Kyoto Univ. 1993] 83 (introductory abstract)

Radio frequency power in plasmas; Boston, MA, USA, 1-3 April 1993, [1994] 40794 (introductory abstract)

Radio-frequency superconductivity; Hamburg, Germany, 19-23 Aug. 1991, [1992] 9090 (introductory abstract), 10407, 15428–32

Radio relay systems; Edinburgh, UK, 11-14 Oct. 1993, [London, UK: IEE 1993] 9141 (introductory abstract), 12614, 12641, 12831, 12949, 14060–3, 14085–6, 14257–9, 14327, 14406–24, 14428–50, 14521–3, 14749–50

Radiology: 79th meeting; Chicago, IL, USA, 28 Nov.-3 Dec. 1993, [Nov. 1993] 17654 (introductory abstract)

Radionuclide metrology and its applications; Teddington, UK, 7-9 June 1993, [22 Jan. 1994] 38837–42, 38851–7, 38908, 38941, 39119, 39862, 46830, 46835–6, 47005, 47138

Rapid system prototyping; Research Triangle Park, NC, USA, 28-30 June 1993, *(IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 18603–4, 18755–6, 22405, 23766

Rapid thermal and integrated processing; San Francisco, CA, USA, 12-15 April 1993, *J.C.Gelpey, J.K.Elliott, J.J.Wortman, A.Ajmera (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 43 (introductory abstract), 711–2, 832–5, 854–5, 1906, 1943, 1999–2000, 2039, 2063–72, 2171–7, 2241–7, 2530, 2547, 2671, 2698, 6707, 8775–6

Rare earth doped semiconductors; San Francisco, CA, USA, 13-15 April 1993, *G.S.Pomrenke, P.B.Klein, D.W.Langer (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 9104 (introductory abstract), 9507–8, 9588–92, 9664–6, 9682, 9736–8, 10756, 10786, 10838–46, 11853, 11868, 11876

Real-time applications; New York, NY, USA, 13-14 May 1993, *(IEEE)* [Los Almitos, CA, USA: IEEE Comput. Soc. Press 1993] 59 (introductory abstract), 4536, 5031, 5546–7, 5605, 5618–9, 5662, 6991, 7573, 7675, 7679, 7689

Real-time computer application sin nuclear, particle and plasma physics; Vancouver, BC, Canada, 8-11 June 1993, *(IEEE)* [Feb. 1994] 40755 (introductory abstract), 42025, 45629, 46312, 46317–26, 46329–30, 46800, 46996–7

Real-time control for induction motor drives; London, UK, 2 Feb. 1993, *(IEE)* [London, UK: IEE 1993] 40749 (introductory abstract), 47870–2, 47969, 48038

Recent advances in sensors; Orlando, FL, USA, 14-16 April 1993, *(SPIE)* [1993] 24471 (introductory abstract)

Recording media for television; London, UK, 10 Dec. 1993, *(IEE)* [London, UK: IEE 1993] 26090 (introductory abstract), 30975, 31058–62

Refractory metals and silicides; Sint Michielsgestel, Netherlands, 29-31 March 1993, *(Minist. Econom. Affairs; Stichting Physica; Bandgap Technol.; Fisons Instrum.; Leybold)* [Nov. 1993] 17652 (introductory abstract), 18145–8, 18247–52, 19411–5, 19548, 19624–33, 26475

Reliability and maintainability CAE in concurrent engineering; Leesburg, VA & Ellicott City, MD, USA, 9-11 Oct. 1990 & 30 Sept.-3 Oct. 1991, *(IEEE)* [New York, NY, USA: IEEE 1992] 26559–61, 27353, 30898, 31106, 32026

Reliability of electron devices; Schwabisch-Gemund, Germany, 5-7 Oct. 1992, [July-Aug. 1993] 16 (introductory abstract), 447–8, 1222, 1954–6, 2227–8, 2520–4, 2570–1, 2618, 3329, 3595, 5263, 5889, 6492, 6727, 8956

Reliability physics; Atlanta, GA, USA, 23-25 March 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 33249 (introductory abstract), 33399–403, 33409–10, 33448–50, 33754, 33932, 33998, 34075–6, 34078–80, 34396, 34641–3, 34780, 34788–9, 34854, 34936, 35003–4, 35012–6, 35049–51, 35059, 35083–5, 42224–5, 42765–71, 42946, 43004–6, 43154–5, 43608, 43631

Reliability, stress analysis, and failure prevention; Albuquerque, NM, USA, 19-22 Sept. 1993, *(ASME) R.J.Schaller (editor/s),* [New York, NY, USA: ASME 1993] 33250 (introductory abstract)

Remote sensing; Toronto, Ont., Canada, 1-4 June 1992, [Jan. 1993] 26057 (introductory abstract)

Remote sensing of Earth's surface and atmosphere; Washington, DC, USA, 28 Aug.-5 Sept. 1992, [March 1994] 26056 (introductory abstract)

Remote sensing of snow and ice; Boulder, CO, USA, 17-22 May 1992, [1993] 15 (introductory abstract)

Renewable energy, clean power 2001; London, UK, 17-19 Nov. 1993, [London, UK: IEE 1993] 17683 (introductory abstract), 24777, 25109–14, 25206–10, 25252–6, 25258–9, 25262–4, 25278–9, 25332–41, 25697

Ring imaging Cherenkov detectors; Bari, Italy, 2-5 June 1993, [1 April 1994] 40694 (introductory abstract), 42350–2, 42376, 46894–919, 46928–39, 46990

Road capacity demand management, electronics; London, UK, 5 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 26048 (introductory abstract), 31035, 33125

Robot and human communication; Tokyo, Japan, 1-3 Sept. 1992, *(IEEE; Soc. Instrum. Control Eng.; Robotics Soc. Japan; et al)* [New York, NY, USA: IEEE 1992] 37 (introductory abstract), 4524, 4881–3, 4956–9, 5400, 5431–3, 6566, 7476–8, 8959

Robotics and computer vision; Singapore, 16-18 Sept. 1992, *(IEE; Inst. Meas.& Control; Econom. Development Board; et al)* [Singapore: Nanyang Technol. Univ. 1992] 9126 (introductory abstract), 9196, 9235–9, 9246, 9318, 9336–9, 9358–9, 9440, 9912–3, 9968, 10385–6, 10580–1, 13089–91, 13379–84, 13670–775, 13909, 14051, 14216–7, 14787, 14834, 14895–8, 15037, 15217–8, 15263, 15833, 15928, 16078, 16235–40, 16310, 16788, 16822–3, 16875, 16891–4, 17128, 17134, 17506–10, 17563, 17808, 17821, 19223–4, 20072, 21136, 21677, 21985–9, 22312, 22675, 23155, 23211, 23694, 24205–6, 24534, 24731–7, 24855, 25223, 25407, 25457, 25532–3, 25869–70, 25968, 25986

Robots and vision automation; Detroit, MI, USA, 5-8 April 1993, *(Robotic Ind. Assoc.; Autom. Imaging Assoc.; Nat. Service Robot Assoc.; et al)* [Ann Arbor, MI, USA: Robotic Ind. Assoc. 1993] 26173, 27350, 27384, 30144–7, 31127, 31347

Safeguards and nuclear materials management; Rome, Italy, 11-13 May 1993, [Ispra, Italy: ESARDA Symposium Secretariat 1993] 30671, 31043–7, 38345, 38405–6, 38873–4, 38913–4

Safety critical distributed systems; London, UK, 21 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9106 (introductory abstract), 14174–6, 14617

Satellite communications - ECSC-3; Manchester, UK, 2-4 Nov. 1993, [London, UK: IEE 1993] 9151 (introductory abstract), 12768, 14096, 14261, 14525–6, 14543–55, 14789, 14807, 19058–9, 21255–6, 21446, 21456, 21493–9, 21605–6, 22589–90, 22770, 22821–7, 22939–72, 22984

Scanning electron microscopy; Chernogolovka, Russia, May 1993, [1993] 26413, 27462–3, 27523–4

Scanning probe microscopies; Los Angeles, CA, USA, 18-19 Jan. 1993, *(SPIE)* [1993] 40904, 42583, 43253, 43290, 43302

Scintillating fiber technology and applications; San Diego, CA, USA, 13 July 1993, *(SPIE)* [1993] 17728 (introductory abstract), 23978, 24067–76, 24085–7, 24113, 24122, 24244–5

Security technology: crime countermeasures; Atlanta, GA, USA, 14-16 Oct. 1992, *(IEEE; Georgia Tech. Res. Inst.; Swiss Fed. Inst. Technol) L.D.Sanson (editor/s),* [New York, NY, USA: IEEE 1992] 38 (introductory abstract), 206, 4960–2, 5274, 5517, 5620, 5809, 6130–1, 6367, 6443, 6497, 6528, 6567, 6836, 7365, 7437, 7513

Semiconducting compounds; Jaszowiec, Poland, 22-28 May 1993, [Sept. 1993] 9551–3, 10662, 10693, 10735–6, 10976, 11127, 11860

Semiconductor growth, processing, device technology; San Francisco, CA, USA, 26 April-1 May 1992, *(CAMECO; Eastman Kodak; EPRI; Fujitsu; Fuji-Xerox; Hitachi; et al)* [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 1837, 1921–3, 1944, 1948–9, 2010–4, 2080–5, 2094–5, 2182, 2202, 2393, 2485–6, 2563–4, 2605, 2685–6, 3367, 9504, 9532–4, 10644–7, 10658–60, 10732, 10745, 10764–7, 10774, 10781–2, 10799, 10804, 10813–7, 10837, 10861, 10908–9, 10951, 11272, 11292

Semiconductor heterostructures for photonic and electronic applications; Boston, MA, USA, 30 Nov.-4 Dec. 1992, *C.W.Tu, D.C.Houghton, R.T.Tung (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 9103 (introductory abstract), 9505, 9538–43, 9577–87, 9663, 10482, 10704–5, 10800, 10818–9, 10932, 10952, 11111, 11124–5, 11141, 11152, 11160–2, 11242, 11252, 11599, 11635, 11642, 11675, 11775, 11830, 12127–8, 12210–3, 12251–2, 18193–6, 18265–8, 19386, 19423–9, 19454, 21015, 23618

Semiconductor materials and processing technologies; Erice, Italy, 1-13 July 1991, [Dordrecht, Netherlands: Kluwer Academic Publishers 1992] 9139 (introductory abstract), 2077–9, 2181, 2260, 2550–2, 2643, 9511, 9572–4, 9660, 9690, 9776, 10743–4, 10828–36, 10930–1, 10950, 10986, 11110, 11223, 11259, 11271, 11906

Semiconductor physics; Sao Paulo, Brazil, 4-16 July 1993, [March 1994] 40806 (introductory abstract)

Semiconductor pure water and chemicals; San Jose, CA, USA, 8-10 March 1994, *M.K.Balazs (editor/s),* [Sunnyvale, CA, USA: Balazs Anal. Lab. 1994] 40814 (introductory abstract)

Semiconductor thermal measurement and management; San Jose, CA, USA, 1-3 Feb. 1994, *(IEEE)* [New York, NY, USA: IEEE 1994] 40763 (introductory abstract), 40962–76, 42250, 42325, 43089

Semiconductor tracking detectors; Hiroshima, Japan, 22-24 May 1993, [15 March 1994] 40718 (introductory abstract), 43095, 46837–55, 46860, 46885–93, 46972–9, 46987–9, 47008

Sensing via strain; London, UK, 22 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 40776 (introductory abstract), 46393–6, 46478–9, 46641–2

Sensor fusion and aerospace applications; Orlando, FL, USA, 15-16 April 1993, *(SPIE)* [1993] 17724 (introductory abstract), 21852–3, 22223–41, 23565, 24403, 24424–5

Sensor fusion V; Boston, MA, USA, 15-17 Nov. 1992, *(SPIE)* [1992] 40786 (introductory abstract), 40988, 44644, 44924–6, 45168–75, 46091, 46114, 46281, 46505–7

Sensor fusion VI; Boston, MA, USA, 7-8 Sept. 1993, *(SPIE)* [1993] 25992 (introductory abstract), 29557, 29569–70, 29717, 29747–54, 29824–31, 30046–52, 30866, 30924, 31295, 31832, 31846, 32131

Sensor systems; Orlando, FL, USA, 13-14 April 1993, *(SPIE)* [1993] 17674 (introductory abstract)

Shape-memory materials and phenomena; Boston, MA, USA, 3-5 Dec. 1991, [Pittsburg, PA, USA: Mater. Res. Soc. 1992] 6408

SHARE Europe '93; Hamburg, Germany, 19-22 April 1993, [Carouge/Geneva, Switzerland: SHARE Europe 1993] 33207 (introductory abstract), 37123, 37308, 37445–8

SHARE, IT for business advantage; Davos, Switzerland, 28 Sept.-2 Oct. 1992, [Geneva, Switzerland: SHARE Eur. Assoc. 1992] 5585, 14091

SHIM 92; Bensheim/Darmstadt, Germany, 19-22 May 1992, [1993] 2059, 7266–7

Si-based optoelectronic devices; San Francisco, CA, USA, 12-14 April 1993, *M.A.Tischler, R.T.Collins, M.L.W.Thewalt, G.Abstreiter (editor/s),* [Philadelphia, PA, USA: Mater. Res. Soc. 1993] 17744 (introductory abstract), 18134–5, 18229–31, 18279, 19387, 19582–3, 20406, 20558–60, 20577, 20584, 21016

Signal and data processing of small targets; Orlando, FL, USA, 12-14 April 1993, *(SPIE)* [1993] 26005 (introductory abstract), 29625–44, 29832–52, 30877–9, 30905–6, 30921, 30930, 31296, 32020, 32027, 32111–2, 32164–7

Signal processing; Helsingoer, Denmark, 31 Aug.-2 Sept. 1992, *(IEEE; Danish Comput. Neural Network Center; Tech. Univ. Denmark)* [New York, NY, USA: IEEE 1992] 19 (introductory abstract), 541, 1330, 1354–5, 4485–99, 4636–45, 4884–96, 7349, 7432, 7473

Signal processing in electronic warfare; London, UK, 31 Jan. 1994, [London, UK: IEE 1994] 33226 (introductory abstract), 36491, 37864, 39439–43

Signal processing, sensor fusion and target recognition; Orlando, FL, USA, 12-14 April 1993, *(SPIE)* [1993] 79 (introductory abstract)

Signal processing - theories and applications; Brussels, Belgium, 24-27 Aug. 1992, *(Belgian Nat. Fund for Sci. Res.; CERA; LMS Int) J.Vandewalle, R.Boite, M.Moonen, A.Oosterlinck (editor/s),* [Amsterdam, Netherlands: Elsevier 1992] 9127 (introductory abstract), 9479, 9497–8, 10245, 10325–36, 12938, 13092–159, 13241–60, 13385–471, 13546, 13776–821, 14277, 14308–13, 14517–9, 14705, 14731, 14734, 14788, 14802–6, 15163, 15260, 15834–6, 15886, 18111, 18542, 18753, 18815–7, 18863, 18872–3, 18888, 18890–1, 18903, 21102, 21488, 21504–8, 21640–1, 21699, 21748–75, 21849–50, 21870–82, 21990–2014, 22186–204, 22281–4, 22302–3, 22327, 22645, 22667, 22674, 22679, 22681, 22684, 22700–1, 22709, 22750, 22778–81, 22871–3, 22981, 23139–40, 23156, 23206, 23231–2, 23294, 23310, 23315, 23359–61, 23364, 23572, 23689, 24157–9, 24207–10, 24238, 24260–4, 24322, 24475–7, 25453, 26991, 29566, 30973

Signal processing workshop; South Lake Tahoe, CA, USA, 7-9 June 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 60 (introductory abstract), 486–7, 1268, 1293, 1340, 3246, 4361, 4537–9, 4701–45, 5032–4, 5741, 5848, 6105–8, 6140–1, 6770, 6858, 7379, 7447–8, 8297

Signalling developments; London, UK, 22 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 17742 (introductory abstract), 22428–34, 22460–1, 22677

Signals, systems and computers; Pacific Grove, CA, USA, 26-28 Oct. 1992, *(IEEE) A.Singh (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1992] 17737 (introductory abstract), 18073, 18079, 18699–700, 18905, 21706, 21883–914, 22290–4, 22328, 22710, 22785–9, 22914–7, 23082–3, 23141–3, 23207, 24371–2, 26634, 26663, 26760, 26792–7, 26837–41, 26939, 26978–81, 27026, 27038, 27051, 27060–4, 27070–2, 27081–2, 27102, 27114, 28267, 28372–4, 29365, 29405–10, 29416, 29526–31, 29595–617, 29678–83, 29705–15, 29810–7, 29918–22, 30008, 30281, 30334, 30605, 30628, 30643, 30863–4, 30874, 30901, 30927–9, 31072, 31143, 31297, 31855–6, 31950–3, 32059

SIGUCCS, User Services; Seattle, WA, USA, 3-6 Nov. 1991, *(ACM)* [New York, NY, USA: ACM 1991] 26104, 30349, 30353−4, 30415−6, 30437−8

Silicon nitride-based ceramics; Stuttgart, Germany, 4-6 Oct. 1993, [1994] 40805 (introductory abstract)

Silicon nitride ceramics; Boston, MA, USA, 30 Nov.-3 Dec. 1992, [Pittsburgh, PA, USA: Meter. Res. Soc. 1993] 888

Simulation in concurrent engineering; Wembley, UK, 4-6 May 1993, *(SCS)* [San Diego, CA, USA: SCS 1993] 40884 (introductory abstract), 32736

Simulation in engineering education; La Jolla, CA, USA, 17-20 Jan. 1993, *(SCS; ASEE; IEEE) C.E.Knadler,Jr., H.Vakilzadin (editor/s),* [San Diego, CA, USA: SCS 1993] 26000 (introductory abstract), 18573, 22288, 26097−103, 26562, 32461

Simulation in military/government; Arlington, VA, USA, 29 March-1 April 1993, *(SCS) M.Chinni (editor/s),* [San Diego, CA, USA: SCS 1993] 17705 (introductory abstract), 24400−2

Simulation symposium; La Jolla, CA, USA, 11-15 April 1994, *(IEEE; SCS; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40750 (introductory abstract), 34144, 35060−1, 35092−3, 36781, 37080, 37548−50

Simulators X; Arlington, VA, USA, 29 March-1 April 1993, *(SCS)* [San Diego, CA, USA: SCS 1993] 15000, 16529, 16575−90, 16614−6, 16658−60, 17809, 22556, 22808−9, 23789, 23941, 24390, 24738, 25126−9, 25172−3, 25201−3, 25235, 25242

Small angle scattering; Saclay, France, 27-30 April 1993, [Dec. 1993] 33630

Smart materials; Albuquerque, NM, USA, 1-4 Feb. 1993, *(SPIE)* [1993] 17673 (introductory abstract), 18114, 18306, 18311−2, 18359, 18947, 18982, 20042−7, 20074−80, 20164, 20233, 21272−3, 21454, 23227, 23522−4, 23659−61, 24409−10

Smart sensing, processing and instrumentation; Albuquerque, NM, USA, 1-4 Feb. 1993, *(SPIE)* [1993] 77 (introductory abstract), 926, 3069−71, 6346−7, 6461, 6543−53, 6819, 7525, 7541−2, 8605, 18364, 20318−9, 21447, 23538−42, 23666−79

Smart structures and intelligent systems; Albuquerque, NM, USA, 1-4 Feb. 1993, *(SPIE)* [1993] 26060 (introductory abstract), 28325−33, 31185, 31256−7, 33777−8, 35181−2, 35184, 35248−52, 38387−8, 38462−3, 39152

Society for Nuclear Medicine 40th annual meeting; Toronto, Ont., Canada, 8-11 June 1993, [May 1993] 9075 (introductory abstract)

Software development theory and practice; Orsay, France, 13-17 April 1993, [Berlin, Germany: Springer-Verlag 1993] 18000

Software, engineering and applications; Toulouse, France, 7-11 Dec. 1992, *(CIGREF; SEE; Syntec-Informatique)* [Nanterre, France: EC2 1992] 14236

Software engineering standards; Brighton, UK, 30 Aug.-3 Sept. 1993, *(IEEE; IEE; Lloyd's Register; British Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 5275−7, 5369

Software metrics; Silver Falls, OR, USA, March 1993, [March 1994] 45711

Software reliability engineering; Bombay, India, 23-25 Nov. 1992, *(Board Res. Nucl. Sci)* [Bombay, India: Bhabha Atomic Res. Centre 1992] 15966, 15972, 16533−8

Solar radiation, environment and climate change; Lusaka, Zambia, 22-27 July 1991, *(DANIDA; British ODA; Swedish Embassy; ICTP; et al)* [June-July 1993] 24483, 25103, 25270−1

Solid oxide fuel cells; Honolulu, HI, USA, 16-21 May 1993, *(Electrochem. Soc.; Japan Soc. Appl. Phys) S.C.Singhal, H.Iwahara (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1993] 9129 (introductory abstract), 16736−8, 16741−2, 17152, 17260−88, 17312−21, 17323−80, 33017

Solid-state circuits; San Francisco, CA, USA, 24-26 Feb. 1993, *(IEEE) J.H.Wuorinen (editor/s),* [New York, NY, USA: IEEE 1993] 26079 (introductory abstract), 26155, 26630, 26735, 26744, 26758, 26916, 26950−8, 26998−7006, 27017−24, 27035−6, 27054−5, 27100, 27104, 28252−3, 28279, 28389, 28572, 30143, 30562, 30584−5, 30659, 30832−3, 30944, 30958, 30972, 30995, 31126, 31210, 31317−9, 31367, 33398, 33874, 33896−7, 33933−4, 33937−9, 33944, 33964, 33995−6, 34044−9, 34107−8, 34126, 34139−41, 34198−9, 34270−1, 35633, 37718, 37861−2, 38042, 38201, 38563−5

Solid state devices and materials; Chiba, Japan, 29 Aug.-1 Sept. 1993, *(Japan Soc. Appl. Phys)* [Jan. 1994] 40717 (introductory abstract), 41270, 41313−20, 41434, 41795, 41883−4, 41888, 42194−5, 42475−81, 42551−2, 42556−7, 42574−80, 42584, 42603, 42647, 42653, 42686−92, 42709−10, 42756−63, 42773, 42800−1, 42864, 42878, 42899, 42912−31, 42949−51, 42994, 43008−9, 43029, 43041, 43098−9, 43177, 43622, 43647, 43661, 43680−3, 43861−6, 44076, 46441

Solid state dosimetry; Washington, DC, USA, 13-17 July 1992, *(Nat. Inst. Health; US Dept. Energy; Int. Sensor Technol. Inc.; et al)* [1993] 7264, 7504

Solid state lasers; Los Angeles, CA, USA, 19-20 Jan. 1993, *(SPIE)* [1993] 25991 (introductory abstract), 20708−11, 21061, 21147−8, 23934, 28745, 28752−6, 28936, 28956

Solid state nuclear track detectors; Odessa, Ukraine, 5-11 Sept. 1991, [July 1993] 38876−7, 38904−7, 39127−8

Southeast conference; Birmingham, AL, USA, 14-16 April 1993, *(ACM)* [New York, NY, USA: ACM 1993] 26563, 26791, 30213, 30418−9, 30545

Space electrochemical research and technology; Cleveland, OH, USA, 14-15 April 1993, [15 Jan. 1994] 26067 (introductory abstract), 32023, 32043−5, 32983, 32986, 32996−8, 33010−4

Space nuclear power and propulsion; Albuquerque, NM, USA, 10-14 Jan. 1993, *(Inst. Space Nucl. Power Studies; NASA; et al)* [1993] 7512, 7546−54, 7558−61

Spectral hole burning; Ascona, Switzerland, 14-18 Sept. 1992, [Oct. 1993] 28993, 29039

Spectroscopic ellipsometry; Paris, France, 11-14 Jan. 1993, [12 Oct. 1993] 736, 848−9, 1987, 2060−1, 10895−7, 11282, 11480, 12401

Spectroscopies in novel superconductors; Santa Fe, NM, USA, 17-19 March 1993, *(Los Alamos Nat. Lab)* [Oct. 1993] 20212

Speech science and technology; Brisbane, Qld., Australia, 1-3 Dec. 1992, *(Telecom Australia Res. Labs.; OTC R&D Labs.; Cochlear Pty.; et al) J.Pittam (editor/s),* [Canberaa, ACT, Australia: Australian Speech Sci. & Technol. Assoc. 1992] 91 (introductory abstract), 4543−80, 4780, 5134−5, 7483−4, 7490−1, 9153, 9157, 12995−3009, 13021−70, 13941−2, 14072, 14081, 14272, 14306, 14494, 15693, 15892, 15918

SPICE: surviving problems in circuit evaluation; London, UK, 30 June 1993, *(IEE)* [London, UK: IEE 1993] 40745 (introductory abstract), 41562−9, 41618, 42084, 43102

SPICIS '92; Singapore, 28 Sept.-1 Oct. 1992, *(Nat. Comput. Board)* [Singapore: Japan-Singapore A1 Centre 1992] 1204, 4535, 5284, 5405, 5419, 5537, 8696

Stability of particle motion in storage rings; Upton, NY, USA, 19-24 Oct. 1992, [1994] 33235 (introductory abstract), 38765, 38773−94

Standard model and just beyond; San Miniato, Italy, 1-5 June 1992, *F.L.Navarria, P.G.Pelfer (editor/s),* [Singapore: World Scientific 1993] 42 (introductory abstract), 6883−4, 7202−3

Statistical signal and array processing; Victoria, BC, Canada, 7-9 Oct. 1992, *(IEEE; Univ. Victoria; Naval Surface Warfare Center)* [New York, NY, USA: IEEE 1992] 1327, 4353, 4596−606, 6151, 7344, 7430−1, 7578−9, 8476

Stepper motors and their control; London, UK, 25 Jan. 1994, [London, UK: IEE 1994] 33208 (introductory abstract), 40238, 40260−4, 40518−20

Stereoscopic displays and applications; San Jose, CA, USA, 1-2 Feb. 1993, *(SPIE; Soc. Imaging Sci. & Technol)* [1993] 17726 (introductory abstract), 22242−7, 23302, 23352, 23814−21, 23895, 24141, 24584−5

Storage and retrieval for image and video databases; San Jose, CA, USA, 23 Feb. 1993, *(SPIE; Soc. Imaging Sci. Technol)* [1993] 19700, 22593, 22719, 23343

Submicrometer metallization; San Jose, CA, USA, 23-25 Sept. 1992, *(SPIE)* [1993] 783, 2203−17, 2565, 6774

Summer science academy; Prairie View, TX, USA, 13 June 1992, [1994] 40795 (introductory abstract)

Superconducting materials; Tokyo, Japan, 23-25 Oct. 1991, *(Waseda Univ)* [1993] 2895, 2920

Superconductors; Taiwan, China, 27-30 Aug. 1993, [Jan. 1993] 33725, 34305, 35281−2, 35295−6, 35299−300, 36251, 38516

Surface and thin film microstructure; Boston, MA, USA, 30 Nov.-4 Dec. 1992, *H.A.Atwater, E.Chason, M.H.Grabow, M.G.Lagally (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 40707 (introductory abstract), 33660−9, 33750−1, 34667, 34790−1, 34912, 41264, 41309, 41427−8, 42573, 42682

Surface characterization; Kona, HI, USA, 16-19 March 1993, [20 Dec. 1993] 33611−5

Surface chemical cleaning and passivation for semiconductor processing; San Francisco, CA, USA, 13-15 April 1993, *G.S.Higashi, E.A.Irene, T.Ohmi (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 33190 (introductory abstract), 33619, 33699, 33774−5, 34509−10, 34618−9, 34626, 34699−719, 34729−56, 34794−6, 34863−4, 35048

Surface mount international 93; San Jose, CA, USA, 31 Aug.-2 Sept. 1993, [Dallas, TX, USA: Surface Mount Int. 1993] 33221 (introductory abstract), 33274−7, 33294−5, 33302, 33320, 33332, 33341, 33354, 33373−84, 33404−5, 33411−3, 33425−6, 33755, 33767, 34150, 34294, 34315, 34327, 34343−7, 34367−79, 34397−439, 34443−6, 34451, 34465, 35288, 39236, 40634, 40903, 40918−20, 40932−3, 40986, 42300−7

Surface physics; Chlum Castle, Czech Republic, 24-28 May 1993, [Sept.-Oct. 1993] 15102

Surface physics 92; Kudowa, Poland, 5-10 Oct. 1992, *(Polish State Committee Sci. Res.; Univ. Wroclaw)* [Feb.-March 1994] 27401−3, 27442

Symbolic computation, IMACS symposium; Lille, France, 14-17 June 1993, *(IMACS-AICA)* [Lille, France: LIFL Univ. Lille 1993] 26375−6, 33513−5, 33540, 33544, 33549, 34196

System Sciences; Wailea, HI, USA, 5-8 Jan. 1993, *(ACM; IEEE)* [Los Alamitos, CA, USA: IEEE 1993] 18819, 22365−6, 23305, 23491, 30220, 30360, 30362−3, 30417, 30487−9, 30518, 32767

System theory; Athens, OH, USA, 20-22 March 1994, *(IEEE; Ohio Univ. College Eng. & Technol)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40736 (introductory abstract), 40838, 40883, 41354, 41586−7, 41734, 41845−6, 41953−9, 42020, 42064−7, 42118, 43113, 43375, 43424, 43564, 44531, 44627, 44661, 44697, 44905−19, 45151−8, 45320, 45361, 45376, 45413, 45445, 45593−5, 45643, 45855−6, 46057−8, 46193, 46339, 47126, 47128, 47190, 47210−1, 47238, 47347, 47400−2, 47445−6, 47522, 47859−61, 47903, 48164−5

Systems documentation; Chicago, IL, USA, 10-12 Oct. 1991, *(ACM)* [New York, NY, USA: ACM 1991] 37379

Systems engineering; London, UK, 11 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 33222 (introductory abstract), 33296, 39158

Systems engineering in public adminstration; Luneburg, Germany, 3-5 March 1993, [1993] 14208, 16223

Systems, man and cybernetics; Chicago, IL, USA, 18-21 Oct. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 17820, 17910, 18066, 18440, 18458, 18478, 21846−8, 21869, 22172−85, 22273−80, 22475, 22479, 22615−6, 22729, 23122, 23138, 23724, 24140, 24152, 24235−7, 24367−70, 24394−8, 24429, 24453, 24570, 24650−4, 24798−800, 24831, 24884, 24928−30, 24932, 25076, 25136, 25464, 25514−5, 25549−52, 25878

Systems thinking in Europe; Huddersfield, UK, 10-13 Sept. 1991, [New York, NY, USA: Plenum 1991] 30436

Telecommunication transmission systems; London, UK, 15 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 33230 (introductory abstract), 35403, 37166, 37257−8, 37333−4, 37692, 37963−4, 38061−3

Telecommunications; Dubai, United Arab Emirates, 10-12 Jan. 1994, *(IEEE; IEE; Kings Coll., London; Dubai Chamber Commerce & Ind.; et al)* [New York, NY, USA: IEEE 1993] 40813 (introductory abstract), 37071, 37332, 37597, 37625

Telecommunications software; Wollongong, NSW, Australia, 18-19 Feb. 1993, *(ALC TEL Australia;CSA;Nortel;CSA;Stratus;Telecom Australia)* [Edgecliff, NSW, Australia: Inst. Radio & Electron. Eng. Australia 1993] 9130 (introductory abstract), 13917−8, 13994−4000, 14052−4, 14237−41, 14302−3

Telemanipulator technology; Boston, MA, USA, 15-16 Nov. 1992, *(SPIE)* [1993] 6708

Telemanipulator technology and space telerobotics; Boston, MA, USA, 7-9 Sept. 1993, *(SPIE)* [1993] 36088, 37385, 38556, 38706, 39082, 39140−4, 39154

Telesystems conference; Atlanta, GA, USA, 16-17 June 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 40698 (introductory abstract), 44565−6, 44589, 44625−6, 44902, 45149−50, 45670, 45765, 45823−5, 45886−7, 45905, 45974−6, 46053−6, 46085−6, 46127−31, 46161, 46174, 47164, 47185−9, 47217, 47220, 47288, 47321

Teleteaching; Trondheim, Norway, 20-25 Aug. 1993, [1993] 3 (introductory abstract)

TENCON '92, 'Technology enabling tomorrow'; Melbourne, Vic., Australia, 11-13 Nov. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 26014 (introductory abstract), 26121, 26146, 26224, 26324, 26753−4, 26816−7, 26853, 26934, 26971−2, 26987−8, 27080, 28232−3, 28266, 28565, 29041, 29226, 29446−51, 29539−42, 29553, 29674−7, 29703, 29903−14, 29998−30004, 30176−7, 30184, 30217−9, 30260−1, 30275−6, 30286−90, 30317−20, 30328, 30338−40, 30355, 30367, 30371, 30439−48, 30481−3, 30531−2, 30537, 30551−4, 30558, 30569, 30580, 30582, 30604, 30638−40, 30683−4, 30762−5, 30910−2, 30931, 30963−4, 31172, 31966, 31980, 32205, 32258−62, 32488, 32846, 32867

Terrain modelling and ground cover data; London, UK, 11 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 33252 (introductory abstract), 36208−17

Testing - the Gordian knot of VLSI design; London, UK, 28 May 1993, *(IEE)* [London, UK: IEE 1993] 40710 (introductory abstract), 41753−9, 42081−2, 43037, 46293

Textile, fiber and film industry; Atlanta, GA, USA, 4-6 May 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 6 (introductory abstract), 204, 8266, 8359, 8794, 9012−5, 9045

Theory and computing systems; Natanya, Israel, 7-9 June 1993, *(IEEE; Israel Acad. Sci. & Humanities; European Assoc. Theoretical Comput. Sci)* [Los Alamitos, CA, USA: IEEE 1993] 542, 935, 4408, 4646, 4897, 5156

Therapeutic radiology and oncology; New Orleans, LA, USA, 11-15 Oct. 1993, [1993] 17730 (introductory abstract)

Thin film transistor technologies; Toronto, Ont., Canada, 14-16 Oct. 1992, *Y.Kuo (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1992] 26091 (introductory abstract), 26518, 26959−61, 27767−8, 27804, 28173−85, 28280, 28656, 31320−1, 31369−71, 31909

Thin films for nuclear target and related topics; Legnaro, Italy, 21-25 Sept. 1992, [15 Sept. 1993] 11808, 15200−1

Third EGS4 users' meeting; Tsukuba, Japan, 26-28 July 1993, [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1993] 46832, 46883, 47006, 47052

Third generation wireless information networks; East Brunswick, NJ, USA, 19-20 Oct. 1993, *(WINLAB; IEEE)* [Piscataway, NJ, USA: Rutgers Univ. 1993] 40733 (introductory abstract), 45299−301, 45474, 45540, 45799−813

Time-frequency and time-scale analysis; Victoria, BC, Canada, 4-6 Oct. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 26078 (introductory abstract), 9495−6, 11287, 12828, 12924−5, 13082−8, 13302−78, 13655−69, 14686−92, 14732−3, 14849, 15699, 15828−32, 15874−5, 15957

TMS annual meeting; Denver, CO, USA, Feb. 1993, [Oct. 1993] 9118 (introductory abstract), 11517, 11548

Training simulators; London, UK, 17 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 40704 (introductory abstract), 47366−9, 47564

Transient two-phase flow; Aix-en-Provence, France, 6-8 April 1992, [Nov. 1993] 16593−6

Transputer applications and systems; Aachen, Germany, 20-22 Sept. 1993, [Amsterdam, Netherlands: IOS Press 1993] 35691, 36962, 37072−3, 37451−3, 37489−92, 38397, 39153, 44771, 47035, 47122, 47323, 48432

Transputer/Occam; Osaka, Japan, 10-11 June 1993, [Amsterdam, Netherlands: IOS Press 1993] 18757, 21777, 22017, 23949

Transputer research and applications; Vancouver, BC, Canada, 10-11 May 1993, [Amsterdam, Netherlands: IOS Press 1993] 1252, 4120, 5159, 7380, 7692

Transputers and parallel applications; Melbourne, Vic., Australia, 4-5 Nov. 1992, [Amsterdam, Netherlands: IOS Press 1993] 5434

Transverse patterns in nonlinear optics; St. Petersburg, Russia, 24-27 Sept. 1991, [1992] 9112 (introductory abstract), 11776, 11956, 12281−3, 12302, 12360−3

Traps for antimatter and radioactive nuclei; Vancouver, BC, Canada, 25-27 Feb. 1993, [Dec. 1993] 31576

TRI-Ada '91; San Jose, CA, USA, 21-25 Oct. 1991, *(ACM)* [New York, NY, USA: ACM 1991] 32031, 32051, 32145, 32148−9

TRISTAN physics at high luminosities; Tsukuba, Japan, 15-16 Dec. 1992, [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1993] 15335, 15643−4

Tunnelling phenomena in high and low T_c superconductors; Capri, Italy, 1-4 Oct. 1991, [Singapore: World Scientific 1993] 31773, 35269−71

UHF/SHF high bit rate channel sounders; London, UK, 3 Dec. 1993, *(IEE)* [London, UK: IEE 1993] 26088 (introductory abstract), 29189−90, 30612−3, 30617, 30660−3

Ultra-relativistic nucleus-nucleus collisions; Borlange, Sweden, 20-24 June 1993, [3 Jan. 1994] 31742−6, 31777, 31801−3

Ultra-short optical pulses; London, UK, 3 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 9150 (introductory abstract), 12088−90, 12253−4, 12403−7

Ultra-wideband short-pulse electromagnetics; Brooklyn, NY, USA, 8-10 Oct. 1992, *(Air Force Office of Sci. Res.; Rome Lab. Air Force Syst. Command) H.L.Bertoni, L.Carin, L.B.Felsen (editor/s),* [New York, NY, USA: Plenum 1993] 40761 (introductory abstract), 42133, 42158, 42182, 42200, 42241, 42326, 42366, 43069, 43138, 44104, 44181−2, 44201−3, 44310−20, 44375, 44466−9, 44488−9, 44562−4, 44586−8, 44624, 44901, 45764, 46043−52, 46081−4, 46301

Ultrafast pulse generation and spectroscopy; Los Angeles, CA, USA, 18-22 Jan. 1993, *(SPIE)* [1993] 17687 (introductory abstract), 19346, 19388, 20533, 20615, 20697−702, 20870−2, 20963−4, 21030−4

Ultrasonic transducers; Warwick, UK, March 1991, [1992] 52 (introductory abstract), 919−20, 6810, 7660, 7671

Ultrasonics symposium; Tucson, AZ, USA, 20-23 Oct. 1992, *(IEEE; Ultrasonics Ferroelectric; Frequency Control Soc)* [New York, NY, USA: IEEE 1992] 81 (introductory abstract), 327, 2719, 2751−80, 2858, 3236−7, 3248−9, 5743, 5859, 5861−2, 6362, 6481−2, 6671, 6731, 7396−415, 7662−7, 7672−3, 9709, 9811−21, 9837−54, 9940, 11356−9, 11400−2, 11406−8, 11424−40, 11712−6, 12333, 12685, 12797, 13196−7, 13505−6, 14720−2, 14950−5, 15097−8, 15103−4, 15259, 15467, 15705−16, 15769, 15897−902, 16005, 16026−33, 16041−62, 16069−72, 16080−4, 16086−90, 16735, 16902−3, 17633

Ultrasound in the process industry; London, UK, 23 Sept. 1993, *(IEE)* [London, UK: IEE 1993] 40792 (introductory abstract), 46662, 46676−9, 47310−1

Underground and obscured objects imaging and detection; Orlando, FL, USA, 15-16 April 1993, *(SPIE)* [1993] 26009 (introductory abstract)

UniForum 1991; Dallas, TX, USA, 22-24 Jan. 1991, [Santa Clara, CA, USA: UniForum 1991] 45568−9, 47174

Uninterruptible power supplies; London, UK, 15 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 40703 (introductory abstract), 47951−4

USENIX 1993; San Diego, CA, USA, 25-29 Jan. 1993, *(USENIX)* [Berkley, CA, USA: USENIX Assoc. 1993] 18625, 21776, 22344, 22467, 22552−4

USENIX,systems administration; Long Beach, CA, USA, 19-23 Oct. 1992, [Berkeley, CA, USA: USENIX Assoc. 1992] 5259, 5382−3, 5426, 5550−2

Vacuum, electron and ion technologies; Plovdiv, Bulgaria, 23-27 Sept. 1991, [Nov.-Dec. 1993] 27596, 27819−20

Vehicle diagnostics in Europe; London, UK, 23 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 40770 (introductory abstract), 48433−9

Vehicle security systems; London, UK, 8 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 26049 (introductory abstract), 17803, 22987−9, 23208, 25925−8

Verilog HDL; Santa Clara, CA, USA, 22-24 March 1993, *(Open Verilog Int)* [Sunnyvale, CA, USA: Open Verilog Int. 1993] 61 (introductory abstract), 966−78

Verilog HDL conference; Santa Clara, CA, USA, 14-16 March 1994, *(IEEE; Open Verilog Int)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40751 (introductory abstract), 33844−7, 34031−5, 35086

Vertical blanking interval; London, UK, 25 June 1994, [London, UK: IEE 1994] 33224 (introductory abstract), 37387, 38218−24, 38350

Very large scale integration; Grenoble, France, 7-10 Sept. 1993, [1994] 33244 (introductory abstract), 33408, 33830−4, 33945−6, 34013−22, 34116−21, 34184, 35055−7, 36298, 36602, 37020−1, 37880

Video communications; Berlin, Germany, 5-8 April 1993, *(SPIE; EOS)* [1993] 40799 (introductory abstract)

Videometrics; Boston, MA, USA, 15-16 Nov. 1992, *(SPIE)* [1993] 33237 (introductory abstract), 22020, 23027, 23466−7, 23495, 23696−705, 23886−7, 24213, 24392

VII Congresso Nazionale AIFB; Ancona, Italy, 8-12 June 1992, *(A.E.A.; Azienda autonoma curra e soggiorno "Rivera del Conero"; et al)* [June 1993] 9122 (introductory abstract)

Virtual networking; London, UK, 28 Oct. 1993, *(IEE)* [London, UK: IEE 1993] 9109 (introductory abstract), 13982−5, 14027, 14300

Virtual reality; London, UK, 6-7 April 1993, *(Meckler)* [London, UK: Meckler 1993] 22448, 24399

VIS '93; Munich, Germany, 11-13 May 1993, [Wiesbaden, Germany: Vieweg 1993] 36529, 37408

Vision geometry; Boston, MA, USA, 9-10 Sept. 1993, *(SPIE)* [1993] 33213 (introductory abstract), 33508, 33808, 36864−72

Visual communications and image processing; Cambridge, MA, USA, 8-11 Nov. 1993, *(SPIE)* [1993] 26032 (introductory abstract), 26227, 27083, 29547, 29718−9, 29933−71, 30054−101, 30178, 30343−4, 30496, 30546−7, 30948, 30965, 30969, 30977, 30994, 31048−50, 31063−4, 31859−62, 31887, 36496, 36813−45, 37607, 38242−5, 38270, 39109

Visual information processing; Orlando, FL, USA, 14-16 April 1993, *(SPIE)* [1993] 40798 (introductory abstract)

Visual languages; Bergen, Norway, 24-27 Aug. 1993, *(IEEE; Molde Coll.; Univ. Bergen; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 30291, 30342

Visualization in biomedical computing; Chapel Hill, NC, USA, 13-16 Oct. 1992, *(Univ. North Carolina; IEEE; SPIE; et al)* [1992] 17706 (introductory abstract)

VLSI design; Calcutta, India, 5-8 Jan. 1994, *(VLSI Soc. India; DOE India; IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 40735 (introductory abstract), 41561, 41578−85, 41612, 41691, 41729−33, 41783−7, 41814−44, 41895−7, 41943−52, 42060−1, 42117, 42885, 42965, 43070−9, 43110−2, 43127, 45710, 48344

VLSI technology, systems and applications; Taipei, Taiwan, 12-14 May 1993, *(IEEE; Nat. Sci. Council ROC; Ind. Technol. Res. Inst.; MOEA, ROC; Chinese Inst. Electr. Eng.; et al)* [New York, NY, USA: IEEE 1993] 17703 (introductory abstract), 17800, 17830, 18435, 18566, 18620−4, 18669−73, 18697−8, 18711−6, 18740−3, 18789−92, 18818, 18834−5, 18838, 18904, 18912−3, 18937, 19470, 19497, 19526−7, 19599, 19651, 19729, 19786, 19835−7, 19851−5, 19880−1, 19967−8, 19983−4, 19993−5, 20000−7, 20016−7, 20024−7, 21665, 22417, 24364, 26263

Wafer scale integration; San Francisco, CA, USA, 19-21 Jan. 1994, *(IEEE) R.M.Lea, S.Tewksbury (editor/s),* [New York, NY, USA: IEEE 1994] 40762 (introductory abstract), 40960−1, 41739−40, 41875, 41983−97, 43087−8, 45705, 46422, 46516, 46998

Water trees; London, UK, 27 April 1993, *(IEE)* [London, UK: IEE 1993] 40747 (introductory abstract), 43156−60, 43211, 47515−6

Wescon '92; Anaheim, CA, USA, 17-19 Nov. 1992, *(IEEE; ERA)* [Ventura, CA, USA: Electron. Conventions Manage. 1992] 26015 (introductory abstract), 26111, 26124, 26150−1, 26162−4, 26192−9, 26205, 26209, 26682, 26762, 26764−7, 26818−36, 26911−5, 26935−8, 26947−9, 26973−7, 26989−90, 27027−8, 27247−8, 27311, 27360, 27381, 28238−40, 28251, 28288, 28415, 30005−7, 30331, 30516−7, 31114−5, 31352−3, 31362−3, 32029−30, 32146, 32170, 32938, 32990−2, 32999−3004, 33122, 33327, 33346−7, 33360, 33418−9, 34364−5, 34462, 35094, 37732, 38370, 38384−5, 39446, 40232

Wide band gap semiconductors; Boston, MA, USA, 2-6 Dec. 1991, [Pittsburgh, PA, USA: Mater. Res. Soc. 1992] 750−64, 782, 856−64, 870−2, 1834−5, 1870, 1912−3, 2086−8, 6483, 8780, 9535−7, 9575−6, 9681, 9735, 10677, 10733, 10746−7, 10787, 10910

Winter simulation conference - WSC '92; Arlington, VA, USA, 13-16 Dec. 1992, *(IEEE; ASA; ACM; IIE; NIST; ORSA; TIMS; SCS)* [New York, NY, USA: IEEE 1992] 254−7, 279−80, 468−9, 475, 545−6, 587, 2383, 5311−3, 5368, 5402, 5519, 5731

Wire and cable; Reno, NV, USA, 16-19 Nov. 1992, *(Int. Wire & Cable Symposium)* [Eatontown, NJ, USA: Int. Wire & Cable Symposium 1992] 57 (introductory abstract), 250, 894−5, 2955−8, 2975−82, 3056−66, 3284, 4338, 5629, 5685−6, 5689−95, 5698−704, 5706−8, 5875−80, 5913−28, 5994−6022, 7933, 7957−61, 7977, 11591−8, 14011, 14316, 14588−92

Wireless personal communications; Blacksburg, VA, USA, 9-11 June 1993, *(Viginia Tech's; Mobile & Portable Radio Res. Group; et al)* [Blacksburg, VA, USA: Virginia Tech. 1993] 9100 (introductory abstract), 12599−600, 12632, 13853, 13959, 14386−9, 14483−93

Workstation operating systems; Key Biscayne, FL, USA, 23-24 April 1992, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1992] 17660 (introductory abstract), 22545−8, 22648

Z specification language; Oxford, UK, 17-18 Dec. 1990, [Berlin, Germany: Springer-Verlag 1991] 5643

CORPORATE AUTHOR INDEX

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments.

ABB Transp., Switzerland
Articulated urban light rail vehicles. 48241
ALEPH Collaboration, CERN, Geneva, Switzerland
Results in online data processing with the data acquisition system of the ALEPH TPC. 15620
All India Radio, India
Synchronisation of three non-cosited HF transmitters through satellite—requirement of protection ratio and admissible frequency shift. 46187
Azienda del Consorzio Trasporti Veneziano, Venezia, Italy
Light-alloy electrical vaporetto. 48324
BRAHMS Collaboration, Brookhaven Nat. Lab., Upton, NY, USA
The BRAHMS experiment at RHIC. 31802
D6 Collaboration, Fermi Nat. Accel. Lab., Batavia, IL, USA
The Dϕ detector. 31713
DEMON Collaboration, Univ. Catholique de Louvain, Belgium
Identification of different reaction channels of high energy neutrons in liquid scintillators by the pulse shape discrimination method. 46959
EDF-Electricite de France, Clamart, France
State of the art on fault-tolerant real time distributed systems, 93NJ00049. 47644
Electr. Power Res. Inst., Palo Alto, CA, USA
Proceedings: Fifth Annual Executive Conference on Utility Strategic Asset Management, EPRI TR-102041. 32306
Eur. Space Agency, Paris, France
Assessment of Columbus payload operations capabilities by scheduling with M.A.R.S. system, ESA STR-235. 7517
GAMS NA12/2 Collaboration, CERN, Geneva, Switzerland
The slow proton position-sensitive time of flight detector of the GAMS NA 12/2 experiment at CERN. 46863
H1 Calorimeter Group, DESY, Hamburg, Germany
The H 1 liquid argon calorimeter system. 15627
Results from pion calibration runs for the H1 liquid argon calorimeter and comparisons with simulations. 15628
IEEE PES Power System Relaying Ctte., Substation Protection Subctte., Feasibility of Adaptive Protection and Control Working Group, USA
Feasibility of adaptive protection and control. 25014
IEEE PES Surge Protective Devices Ctte., Bibliography Subctte., USA
Bibliography of metal oxide surge arresters, 1980-1989. 25038
IEEE PES Transmission and Distribution Ctte., Corona and Field Effects Subctte., Magnetic Field Task Force, USA
A protocol for spot measurements of residential power frequency magnetic fields. 23853
IEEE PES Transmission and Distribution Ctte., Geomagnetic Disturbances and Power System Effects Working Group, USA
Geomagnetic disturbance effects on power systems. 24680
IEEE PES Transmission and Distribution Ctte., Working Group on Estimating the Lightning Performance of Transmission Lines, USA
Estimating lightning performance of transmission lines. II. Updates to analytical models. 25019
Inst. Electr. & Electron. Eng., New York, NY, USA
American National Standard mathematical signs and symbols for use in physical sciences and technology, ANSI/IEEE Std 260.3-1993. 26264
Fourth interim collection of the National Electrical Safety Code interpretations 1991-1993, Fourth Interim Collection 1991-1993 NESC Interpretations. 33306
IEEE ABBET. Trial-use standard for common Ada packages for A Broad-Based Environment for Test (ABBET), IEEE Std 1226.1-1993. 38383
IEEE guide for designing multistress aging tests of electrical insulation in a radiation environment, IEEE Std 775-1993. 35150
IEEE guide for fire hazard assessment of electrical insulating materials in electrical power systems, IEEE Std 1221-1993. 32212
IEEE guide for laboratory measurement of the power dissipation characteristics of aeolian vibration dampers for single conductors, IEEE Std 664-1993. 39619
IEEE guide for liquid-immersed transformer through-fault-current duration, IEEE Std C57.109-1993. 40288
IEEE guide on surge testing for equipment connected to low-voltage AC power circuits, IEEE Std C62.45-1992. 40076
IEEE guide to the assembly and erection of concrete pole structures, IEEE Std 1025-1993. 39625
IEEE mechanical standard for conduction-cooled and air-cooled 10 SU modules, IEEE Std 1101.3-1993. 34337
IEEE standard definitions of terms for antennas, IEEE Std 145-1993. 36359
IEEE standard for AC high-voltage generator circuit breakers rated on a symmetrical current, IEEE Std C37.013-1993. 40094
IEEE standard for calculating the current-temperature relationship of bare overhead conductors, IEEE Std 738-1993. 39617
IEEE standard for information technology - test methods for measuring conformance to X.400-based electronic messaging - application program interface (API) [language independent], IEEE Std 1326.1-1993. 37373
IEEE standard for information technology - X.400-based electronic messaging C language interfaces - binding for application program interface (API), IEEE Std 1327.1-1993. 37374
IEEE standard for power systems - insulation coordination, IEEE Std 1313-1993. 39562
IEEE standard for VMEbus extensions for instrumentation: VXIbus, IEEE Std 1155-1992. 38396
IEEE standard general requirements for liquid-immersed distribution, power, and regulating transformers, IEEE Std C57.12.00-1993. 32903
IEEE standard microprocessor environmental specifications for computer modules, IEEE Std 1156.1-1993. 26997
IEEE standard service conditions and definitions for high-voltage fuses, distribution enclosed single-pole air switches, fuse disconnecting switches, and accessories, IEEE Std C37.40-1993. 40353
IEEE standard test access port and boundary-scan architecture, IEEE Std 1149.1-1990 (Incl. IEEE Std 1149.1a-1993). 34363
IEEE standard test code for liquid-immersed distribution, power, and regulating transformers and IEEE guide for short -circuit testing of distribution and power transformers, IEEE Std C57.12.90-1993. 40287
IEEE standard test procedure for flame-retardant coatings applied to insulated cables in cable trays, IEEE Std 817-1993. 39608
IEEE standards collection. Electric machinery. 1993 edition, (unnumbered). 40095
IEEE standards collection. Electricity metering, C12. 1993 edition, (unnumbered). 39678
IEEE standards collection. Engineering in safety, maintenance, and operation of lines (ESMOL). 1993 edition, (unnumbered). 39618
IEEE standards collection. Stationary battery. 1993 edition, (unnumbered). 40422
IEEE standards for local and metropolitan area networks: supplement to LAN/MAN management. Discovery and dynamic control of event forwarding, IEEE Std 802.1k-1993. 37522
IEEE standards for local and metropolitan area networks: common definitions and procedures for IEEE 802 management information, IEEE Std 802.1F-1993. 37523
IEEE standards for local and metropolitan area networks: supplement to carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications. Fiber optic active and passive star-based segments, type 10BASE-F (sections 15-18), IEEE Std 802.3j-1993. 37524
IEEE standards for local and metropolitan area networks: supplements to carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications. Guidelines for the development of managed objects (GDMO) (ISO 10164-4) format for layer-managed objects (section 5), and, layer management for 10 Mb/s baseband medium attachment units (MAUs) (section 20), IEEE Std 802.3p-1993 & IEEE Std 802.3q-1993. 37525
IEEE standards for low-voltage DC power circuit breakers used in enclosures, IEEE Std C37.14-1992. 32974
Information technology - local and metropolitan area networks - part 3: carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications, ISO/IEC 8802-3: 1993; ANSI/IEEE Std 802.3, 1993 ed.. 37527
Information technology -telecommunications and information exchange between systems -local area networks - media access control (MAC) bridges, ISO/IEC 10038: 1993; ANSI/IEEE Std 802.1D, 1993 ed.. 37526
Supplement to IEEE standards collection. Circuit breakers, switchgear, substations, and fuses. 1993 edition, (unnumbered). 40354
L3 BGO Collaboration, CERN, Geneva, Switzerland
Results on the calibration of the L3 BGO calorimeter with cosmic rays. 46952
Nordtest, Postbox 111, SF-02101 ESBO, Finland
Carbon monoxide toxic alarms: performance, NT ELEC 015. 6653
R & D Collaboration RD-19, CERN, Geneva, Switzerland
Large scale pixel detectors for DELPHI at LEP200 and ATLAS at LHC. 46851
R & D Collaboration RD2, CERN, Geneva, Switzerland
Reverse annealing of the effective impurity concentration and long term operational scenario for silicon detectors in future collider experiments. 46887
RD20 Collaboration, CERN, Geneva, Switzerland
Radiation tolerance studies of silicon microstrip detectors for the LHC. 46888
RD8 Collaboration, CERN, Geneva, Switzerland
Gallium arsenide charged particle detectors; trapping effects. 46845
SICAPO Collaboration, CERN, Geneva, Switzerland
Effect on charge collection and structure of n-type silicon detectors irradiated with large fluences of fast neutrons. 46950
Spin Muon Collaboration, CERN, Geneva, Switzerland
Measurement of the polarisation of a high energy muon beam. 46807
The DAΦNE Project Team, INFN Lab. Nazionali di Frascati, Italy
DAΦNE status report. 15272
Tielin Jin, Beijing Astronom. Obs., Chinese Acad. of Sci., Beijing, China
The image processing mode of 0.618 in a CCD system. 38566

SUPPLEMENT TO LIST OF JOURNALS

The INSPEC List of Journals and other Serial Sources is published in full in the July-December Indexes. The following update to the List of Journals includes new titles and title changes over the period January-June 1994.

Acorn User (UK)
Acorn User [Formerly: *BBC Acorn User (UK)*] Europress Enterprises, Europa House, Adlington Park, Macclesfield SK10 4NP, UK.

Acoust. Phys. (Russia)
Acoustical Physics [Formerly: *Acoust. Phys. (USA)*; Translation of: *Akust. Zh. (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Acta Acust. (France)
Acta Acustica Les Editions de Physique, 7 Avenue du Hoggar, B.P. 112, Zone Industrielle de Courtaboeuf, 91944 Les Ulis Cedex A, France.

Acta Phys. Sin., Overseas Ed. (China)
Acta Physica Sinica (Overseas Edition) Science Press, 16 Donghuangchenggen North Street, Beijing 100707, China.

Acta Polytech. Czech Tech. Univ. Prague (Czech Republic)
Acta Polytechnica, Czech Technical University in Prague [Formerly: *Acta Polytech. Ceske Vys. Uc. Tech. Pr. III (Czechoslovakia)*] Solinova 7, 166 08 Praha 6, Czech Republic.

AGSO Issues Pap. (Australia)
AGSO Issues Paper Australian Geological Survey Organisation, Cnr Constitution Avenue and Anzac Parade, Canberra, ACT 2601, Australia.

America's Netw. (USA)
America's Network [Formerly: *Teleph. Eng. Manage. (USA)*] Avanstar Communications Inc., 131 W. First Street, Duluth, MN 55802, USA.

Appl. Categ. Struct. (Netherlands)
Applied Categorical Structures Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Appl. Comput. Harmon. Anal. (USA)
Applied and Computational Harmonic Analysis Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Appl. Phys. B, Lasers Opt. (Germany)
Applied Physics B (Lasers and Optics) [Formerly: *Appl. Phys. B, Photophys. Laser Chem. (Germany)*] Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Br. J. Healthc. Comput. Inf. Manage. (UK)
British Journal of Healthcare Computing & Information Management H De Glanville, 45 Woodland Grove, Weybridge, Surrey KT13 9EQ, UK.

Chin. J. Electron. (China)
Chinese Journal of Electronics Chinese Institute of Electronics, 12 Nongzhanguan Nanlu Road, Beijing 100 026, China.

Chin. J. Med. Biol. Eng. (Taiwan)
Chinese Journal of Medical and Biological Engineering Biomedical Engineering Society of the Republic of China, Center for Biomedical Engineering College of Medicine, National Taiwan University, No.1 Sec. 1, Jen-Ai Road, Taipei, Taiwan.

Commun. Instrum. (India)
Communications in Instrumentation [Formerly: *CSIO Commun. (India)*] Central Scientific Instruments Organisation, Sector 30, Chandigarh 160020, India.

Comput. Assist. Lang. Learn. (UK)
Computer Assisted Language Learning Intellect Ltd., Suite 2, 108-110 London Road, Oxford OX3 9AW, UK.

Control Theory Appl. (China)
Control Theory & Applications South China University of Technology, Guangzhou 510641, China.

C.R. Acad. Sci. II, Mec. Phys. Chim. Astron. (France)
Comptes Rendus de l'Academie des Sciences, Serie II (Mecanique-Physique-Chimie-Astronomie) Gauthier-Villars, Revues Scientifiques et Techniques, 15 rue Gossin, 92543 Montrouge Cedex, France.
Supersedes in part Comptes Rendus de l'Academie des Sciences, Serie II (Mecanique, Physique, Chimie Sciences de la Terre et de l'Univers)

C.R. Acad. Sci. II, Sci. Terre Planetes (France)
Comptes Rendus de l'Academie des Sciences, Serie II (Sciences de la Terre et des Planetes) Gauthier-Villars, Revues Scientifiques et Techniques, 15 rue Gossin, 92543 Montrouge Cedex, France.
Supersedes in part Comptes Rendus de l'Academie des Sciences, Serie II (Mecanique, Physique, Chimie Sciences de la Terre et de l'Univers)

Credit Manage. (UK)
Credit Management Institute of Credit Management, The Water Mill, Station Road, South Luffenham, Oakham, Leics. LE15 8NB, UK.

CSI Commun. (India)
CSI Communications Computer Society of India, 122 T V Industrial Estate, S.K. Ahire Marg, Worli, Bombay 400 025, India.

Diam. Films Technol. (Japan)
Diamond Films and Technology Scientific Publishing Division of MYU K.K., 2-32-3 Sendagi, Bunkyo-ku, Tokyo 113, Japan.

Diffus. Defect Data B, Solid State Phenom. (Switzerland)
Diffusion and Defect Data Part B (Solid State Phenomena) [Formerly: *Diffus. Defect Data, Solid State Data B, Solid State Phenom. (Liechtenstein)*] Scitec Publications Ltd., Untermuhleweg 11, CH-6300 Zug, Switzerland.

ED-TECH Rev. (USA)
ED-TECH Review Association for the Advancement of Computing in Education, P.O.Box 2966, Charlottesville, VA 22902, USA.

Elektro Autom. (Germany)
Elektro Automation [Formerly: *Elektro-Anz. (West Germany)*] Konradin Verlag Robert Kohlhammer GmbH, Ernst-Mey-Strasse 8, 70771 Leinfelden-Echterdingen, Germany.

Fluid Mech. Res. (USA)
Fluid Mechanics Research [Formerly: *Fluid Mech. - Sov. Res. (USA)*] Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

Glass Phys. Chem. (Russia)
Glass Physics and Chemistry [Formerly: *Sov. J. Glass Phys. Chem. (USA)*; Translation of: *Fiz. Khim. Stekla (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyuznaya ul. 90, Moscow 117864, Russia.

Health Manage. Technol. (USA)
Health Management Technology [Formerly: *Comput. Healthc. (USA)*] Argus Business, 6300 S. Syracuse Way, Suite 650, Englewood, CO 80111, USA.

I&T Mag. (Belgium)
I&T Magazine [Formerly: *XIII Mag. (Belgium)*] European Commission DGXIII, Room BU 24-1/3, 200 rue de la Loi, B-1049 Brussels Belgium.

IEE Proc., Circuits Devices Syst. (UK)
IEE Proceedings-Circuits, Devices and Systems [Formerly: *IEE Proc. G, Circuits Devices Syst. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Commun. (UK)
IEE Proceedings-Communications [Formerly: *IEE Proc. I, Commun. Speech Vis. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Comput. Digit. Tech. (UK)
IEE Proceedings-Computers and Digital Techniques [Formerly: *IEE Proc. E, Comput. Digit. Tech. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Control Theory Appl. (UK)
IEE Proceedings-Control Theory and Applications [Formerly: *IEE Proc. D, Control Theory Appl. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Electr. Power Appl. (UK)
IEE Proceedings-Electric Power Applications [Formerly: *IEE Proc. B, Electr. Power Appl. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Gener. Transm. Distrib. (UK)
IEE Proceedings-Generation, Transmission and Distribution [Formerly: *IEE Proc. C, Gener. Transm. Distrib. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Microw. Antennas Propag. (UK)
IEE Proceedings - Microwaves, Antennas and Propagation [Formerly: *IEE Proc. H, Microw. Antennas Propag. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Optoelectron. (UK)
IEE Proceedings-Optoelectronics [Formerly: *IEE Proc. J, Optoelectron. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Radar Sonar Navig. (UK)
IEE Proceedings - Radar, Sonar and Navigation [Formerly: *IEE Proc. F, Radar Signal Process. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Sci. Meas. Technol. (UK)
IEE Proceedings-Science, Measurement and Technology [Formerly: *IEE Proc. A, Sci. Meas. Technol. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Vis. Image Signal Process. (UK)
IEE Proceedings-Vision, Image and Signal Processing Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEEE Comput. Sci. Eng. (USA)
IEEE Computational Science and Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Pers. Commun. (USA)
IEEE Personal Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Robot. Autom. Mag. (USA)
IEEE Robotics & Automation Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Signal Process. Lett. (USA)
IEEE Signal Processing Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Dielectr. Electr. Insul. (USA)
IEEE Transactions on Dielectrics and Electrical Insulation [Formerly: *IEEE Trans. Electr. Insul. (USA)*] Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

Inf. Librariansh. (Israel)
Information & Librarianship [Formerly: *Bull. Isr. Soc. Spec. Libr. Inf. Cent. (Israel)*] Israel Society of Special Libraries and Information Centers, P.O.Box 43074, Tel-Aviv 61430, Israel.

Inf. Manage. Bull. (USA)
Information Management Bulletin Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

Inf. Syst. J. (UK)
Information Systems Journal Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Infrared Phys. Technol. (UK)
Infrared Physics & Technology [Formerly: *Infrared Phys. (UK)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Inside Word Windows (UK)
Inside Word for Windows Cobb Group UK, Subs. Department, Tower House, Sovereign Park, Market Harborough, Leics. LE16 9EF, UK.

Int. J. Commun. Syst. (UK)
International Journal of Communication Systems [Formerly: *Int. J. Digit. Analog Commun. Syst. (UK)*] John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Hum.-Comput. Stud. (UK)
International Journal of Human-Computer Studies [Formerly: *Int. J. Man-Mach. Stud. (UK)*] Academic Press, 24-28 Oval Road, London NW1 7DX, UK.

Int. J. Intell. Syst. Account. Financ. Manage. (UK)
International Journal of Intelligent Systems in Accounting, Finance and Management [Formerly: *Expert Syst. Rev. (USA)*] John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Power Energy Syst. (USA)
International Journal of Power and Energy Systems [Formerly: *Int. J. Energy Syst. (USA)*] IASTED, P.O.Box 2481, Anaheim, CA 92814, USA.

Interactions (USA)
Interactions Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Interavia Aerosp. World (Switzerland)
Interavia Aerospace World [Formerly: *Interavia (Engl. Ed.) (Switzerland)*] Swissair Centre, 31 Route de l'Aeroport, P.O.Box 437, 1215 Geneva 15, Switzerland.

IS Audit Control J. (USA)
IS Audit & Control Journal [Formerly: *EDP Audit. J. (USA)*] EDP Auditors Association Inc., 3701 Algonquin Road, Rolling Meadows, IL 60008, USA.

ISA Trans. (Netherlands)
ISA Transactions [Formerly: *ISA Trans. (USA)*] Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Izv. Russ. Acad. Sci. Atmos. Ocean. Phys. (USA)
Izvestiya Russian Academy of Sciences, Atmospheric and Oceanic Physics [Formerly: *Izv. Acad. Sci. USSR Atmos. Ocean. Phys. (USA)*; Translation of: *Izv. Akad. Nauk Fiz. Atmos. Okeana (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.
INSPEC coverage is from Russian original

J. Comput. Softw. Eng. (USA)
Journal of Computer and Software Engineering Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648-9975, USA.

J. Gov. Inf. (USA)
Journal of Government Information [Formerly: *Gov. Publ. Rev. (USA)*] Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

J. Inf. Sci. (UK)
Journal of Information Science [Formerly: *J. Inf. Sci. Princ. Pract. (Netherlands)*] Bowker-Saur, Maypole House, Maypole Road, East Grinstead, West Sussex RH19 1HH, UK.

J. Interlibr. Loan Doc. Deliv. Inf. Supply (USA)
Journal of Interlibrary Loan, Document Delivery & Information Supply [Formerly: *J. Interlibr. Loan Inf. Supply (USA)*] Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

J. Microelectron. Syst. Integr. (USA)
Journal of Microelectronic Systems Integration Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Opt. Technol. (USA)
Journal of Optical Technology [Formerly: *Sov. J. Opt. Technol. (USA)*; Translation of: *Opt.-Mekh. Prom. (Russia)*] Optical Society of America, 2010 Massachusetts Avenue, N.W., Washington, DC 20036, USA.

J. Vac. Sci. Technol. B, Microelectron. Nanometer Struct. (USA)
Journal of Vacuum Science & Technology B (Microelectronics and Nanometer Structures) [Formerly: *J. Vac. Sci. Technol. B, Microelectron. Process. Phenom. (USA)*] Published for the American Vacuum Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Leonardo (USA)
Leonardo [Formerly: *Leonardo (UK)*] MIT Press, 55 Hayward Street, Cambridge, MA 02142, USA.

Macromol. Theory Simul. (Germany)
Macromolecular Theory and Simulations [Formerly: *Makromol. Chem. Teory Simul. (Germany)*] Huthig & Wepf Verlag, Im Weiher 10, D-69121 Heidelberg, Germany.

Med. Eng. Phys. (UK)
Medical Engineering & Physics [Formerly: *J. Biomed. Eng. (UK)*] Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

MegaLink (Switzerland)
MegaLink [Formerly: *Elektroniker (Switzerland)*] AT Zeitschriftenverlag, Bahnhofstrasse 39-43, 5001 Aarau, Switzerland.

Metall. Mater. Trans. A, Phys. Metall. Mater. Sci. (USA)
Metallurgical and Materials Transactions A (Physical Metallurgy and Materials Science) [Formerly: *Metall. Trans. A, Phys. Metall. Mater. Sci. (USA)*] Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Metall. Mater. Trans. B, Process Metall. Mater. Process. Sci. (USA)
Metallurgical and Materials Transactions B (Process Metallurgy and Materials Processing Science) [Formerly: *Metall. Trans. B, Process Metall. (USA)*] Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Microbeam Anal. (USA)
Microbeam Analysis VCH Publishers, 220 East 23rd Street, New York, NY 10010-4606, USA.

Microlithogr. World (USA)
Microlithography World PennWell Publishing Co., 1421 S. Sheridan Road, Tulsa, OK 74112, USA.

Mol. Mater. (UK)
Molecular Materials Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

NE Sci. (Germany)
NE Science

Netw. Comput. (UK)
Network Computing Business and Technical Communications, 24 High Street, Beckenham, Kent BR3 1AY, UK.

New Technol. Work Employ. (UK)
New Technology, Work and Employment Blackwell Publishers Ltd., 108 Cowley Road, Oxford OX4 1JF, UK.

Open Syst. Econ. Lett. (USA)
Open Systems Economics Letters 5841 Edison Place, Carlsbad, CA 92008, USA.

Phys. At. Nucl. (Russia)
Physics of Atomic Nuclei [Formerly: *Phys. At. Nucl. (USA)*; Translation of: *Yad. Fiz. (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyusnaya Ul. 90, Moscow 117864, Russia.

Phys. Fluids (USA)
Physics of Fluids [Formerly: *Phys. Fluids A, Fluid Dyn. (USA)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Plasmas (USA)
Physics of Plasmas [Formerly: *Phys. Fluids B, Plasma Phys. (USA)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys.-Usp. (UK)
Physics-Uspekhi [Formerly: *Phys.-Usp. (USA)*; Translation of: *Usp. Fiz. Nauk (Russia)*] Editorial address: Turpion Ltd., 207 Brondesbury Park, London NW2 5JN, UK.

Plasma Phys. Rep. (Russia)
Plasma Physics Reports [Formerly: *Plasma Phys. Rep. (USA)*; Translation of: *Fiz. Plazmy (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Proc. Inst. Mech. Eng. J, J. Eng. Tribol. (UK)
Proceedings of the Institution of Mechanical Engineers, Part J (Journal of Engineering Tribology) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, UK.

Public Finance (UK)
Public Finance [Formerly: *Public Finance Account. (UK)*] Chartered Institute of Public Finance and Accountancy, 3 Robert Street, London WC2N 6BH, UK.

Qual. World Tech. Suppl. (UK)
Quality World Technical Supplement [Formerly: *Qual. Forum (UK)*] Institute of Quality Assurance, P.O.Box 712, 61 Southwark Street, London SE1 1SB, UK.

Quantum Electron. (UK)
Quantum Electronics [Formerly: *Quantum Electron. (USA)*; Translation of: *Kvantovaya Elektron. Mosk. (Russia)*] Editorial address: Turpion Ltd., 207 Brondesbury Park, London NW2 5JN, UK.

Radwaste Mag. (USA)
Radwaste Magazine American Nuclear Society, 555 N. Kensington Avenue, La Grange Park, IL 60525, USA.

SciTech J. (USA)
SciTech Journal MacSciTech, 49 Midley Lane, Worcester, MA 01604, USA.

Sens. Mater. (Japan)
Sensors and Materials Scientific Publishing Division of MYU K.K., 2-32-3 Sendagi, Bunkyo-ku, Tokyo 113, Japan.

Simul. Pract. Theory (Netherlands)
Simulation Practice and Theory Elsevier Science Publishers B.V., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Softw., Concepts Tools (USA)
Software-Concepts and Tools [Formerly: *Struct. Program. (USA)*] Springer-Verlag New York Inc., Service Center Secaucus, 44 Hartz Way, Secaucus, NJ 07094, USA.

Solder. Surf. Mount Technol. (UK)
Soldering & Surface Mount Technology Wela Publications Ltd., Asahi House, 10 Church Road, Port Erin, Isle of Man, British Isles, UK.

Space Power (USA)
Space Power [Formerly: *Space Power (UK)*] Council for Social and Economic Studies, 6861 Elm Street, Suite 4H, McLean, VA 22101, USA.

Supercond., Phys. Chem. Technol. (Russia)
Superconductivity: Physics, Chemistry, Technology [Formerly: *Supercond., Phys. Chem. Technol. (USA)*; Translation of: *Sverkhprovodn., Fiz. Khim. Tekh. (Russia)*] Prof. V.I. Ozhogin, RRC 'Kurchatov Institute', Effectron Science Publishers, 123182 Moscow, Kurchatov Square, Russia.

Supercond. Rev. (UK)
Superconductivity Review Gordon and Breach Science Publishers Ltd., c/o STBS Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

Tech. Phys. (USA)
Technical Physics [Formerly: *Sov. Phys.-Tech. Phys. (USA)*; Translation of: *Zh. Tekh. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Tech. Rep. Seikei Univ. (Japan)
Technical Reports of Seikei University [Formerly: *Technol. Rep. Seikei Univ. (Japan)*] Kichijoji Kitamachi 3, Musashino-shi, Tokyo 180, Japan.

Test Meas. Eur. (USA)
Test & Measurement Europe Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

Texas Instrum. Tech. J. (USA)
Texas Instruments Technical Journal Texas Instruments, 13510 North Central Expressway, P.O.Box 226015, MS 3940, Dallas TX 75266, USA.

T.I.P Appl. (UK)
T.I.P Applications [Formerly: *C&L Appl. (UK)*] The Information Partnership, 140 Tabernacle Street, London EC2A 4SD, UK.

Train. Technol. Hum. Resour. (UK)
Training Technology & Human Resources M R Publishing Ltd., Raffety House, 2-4 Sutton Court Road, Sutton, Surrey SM1 4SS, UK.

Turk. J. Eng. Environ. Sci. (Turkey)
Turkish Journal of Engineering and Environmental Sciences [Formerly: *Doga Turk. J. Eng. Environ. Sci. (Turkey)*] Scientific and Technical Research Council of Turkey, P.O.Box 5, 06420 Kizilay, Ankara, Turkey.

Turk. J. Phys. (Turkey)
Turkish Journal of Physics [Formerly: *Doga Turk. J. Phys. (Turkey)*] Scientific and Technical Research Council of Turkey (TUBITAK), P.O.Box 5, Kizilay, Ankara 06420, Turkey.

VHF Commun. (UK)
VHF Communications [Formerly: *VHF Commun. (Germany)*] KM Publications, 5 Ware Orchard, Barby, Nr. Rugby, CV23 8UF, UK.

Windows Mag. (U.K. Ed.) (UK)
Windows Magazine (U.K. Edition) Dennis Publishing Ltd., 19 Bolsover Street, London W1P 7HJ, UK.

The EMIS Data Reviews Series of Books

These publications are collections of articles selected from the world's leading experts in semiconductor materials technology. They cover the properties of the most widely used, and up and coming materials. The information is considered the most up-to-date available which has been verified by those researchers at the forefront of technology. Each book is highly recommended and has a comprehensive subject index.

Current Books in the series are:

Amorphous Silicon
Gallium Arsenide
Mercury Cadmium Telluride
Silicon
Lithium Niobate
Indium Phosphide

To find out more about this exciting series and the wealth of information they contain please contact:

INSPEC Marketing
Institution of Electrical Engineers
Six Hills Way
STEVENAGE
Herts. SG1 2AY
UNITED KINGDOM

Tel: (0438) 313311
Fax: (0438) 742840
Telex: 825078 IEEPAB G

inspec

3 8198 306 860 378
THE UNIVERSITY OF ILLINOIS AT CHICAGO

The EMIS Datareviews Series of Books

These publications are collections of articles specially written by the world's leading experts in semiconductor materials research. They cover the properties of the most widely used, and up and coming materials. The information is considered the most current and up-to-date which has been verified by those researchers at the forefront of technology. Each book is highly structured and has a comprehensive subject index.

Current Books in the series are:-

Amorphous Silicon
Gallium Arsenide
Mercury Cadmium Telluride
Silicon
Lithium Niobate
Indium Phosphide

To find out more about the publications and the wealth of information they contain contact:

INSPEC Marketing
Institution of Electrical Engineers
Six Hills Way
STEVENAGE
Herts. SG1 2AY
UNITED KINGDOM

Tel: (0438) 313311
Fax: (0438) 742840
Telex: 825578 IEESTVG

or

INSPEC Marketing Dept.
IEEE Service Center
445 Hoes Lane
P O Box 1331
Piscataway, NJ 08855-1331
USA

Tel: (908) 562 5549
Fax: (908) 981 0027
Telex: 833233 IEEE PWAY

inspec

Do you wish to obtain original articles speedily, efficiently?

Ask*IEEE is the service for you.

Second to none in the Document Delivery business, Ask*IEEE will satisfy your requirements with the minimum of difficulty and the maximum of simplicity. Ask*IEEE can get you virtually any document in the public domain quickly and inexpensively.

Publications covered by INSPEC are available from Ask*IEEE Document Delivery Service, run by Dynamic Information Corp., a pioneer in the document delivery business.

Fast, comprehensive service

Many articles are housed at Ask*IEEE, ready to be delivered speedily to you by your chosen method: fax, e-mail via Ariel fax, courier service or mail. Orders received before noon Pacific time are shipped the same day. A **rush** service is also available.

Ask*IEEE houses recent items indexed by the INSPEC database and all IEE and IEEE publications, including copies of out-of-print IEE/IEEE publications.

Simple ordering and pricing structures

Just like all other aspects of Ask*IEEE, ordering and pricing have been designed for simplicity and efficiency. Rates for articles which you choose from the INSPEC Collection are $12 + copyright fee ($10 + copyright fee for IEE and IEEE members). IEEE and IEE articles are priced at $12 ($10 for IEE and IEEE members).

Ask*IEEE

INSPEC's Document Delivery Service

To order, or for more information contact:

Ask*IEEE, Attn.: Manager, Document Delivery, P.O. Box 4327, Burlingame, CA 94011-432, USA
Tel: +1 415-259-5040 - Fax: +1 415-259-5045 - Dialmail: ASKIEEE - Internet: askieee@ieee.org